



全国中文核心期刊 (地质学类)
 中国科技论文统计源期刊 (中国科技核心期刊)
 中国科学引文数据库核心期刊
 美国《化学文摘》收录期刊
 俄罗斯《文摘杂志》收录期刊

ISSN 1000-3657
 CN11-1167/P

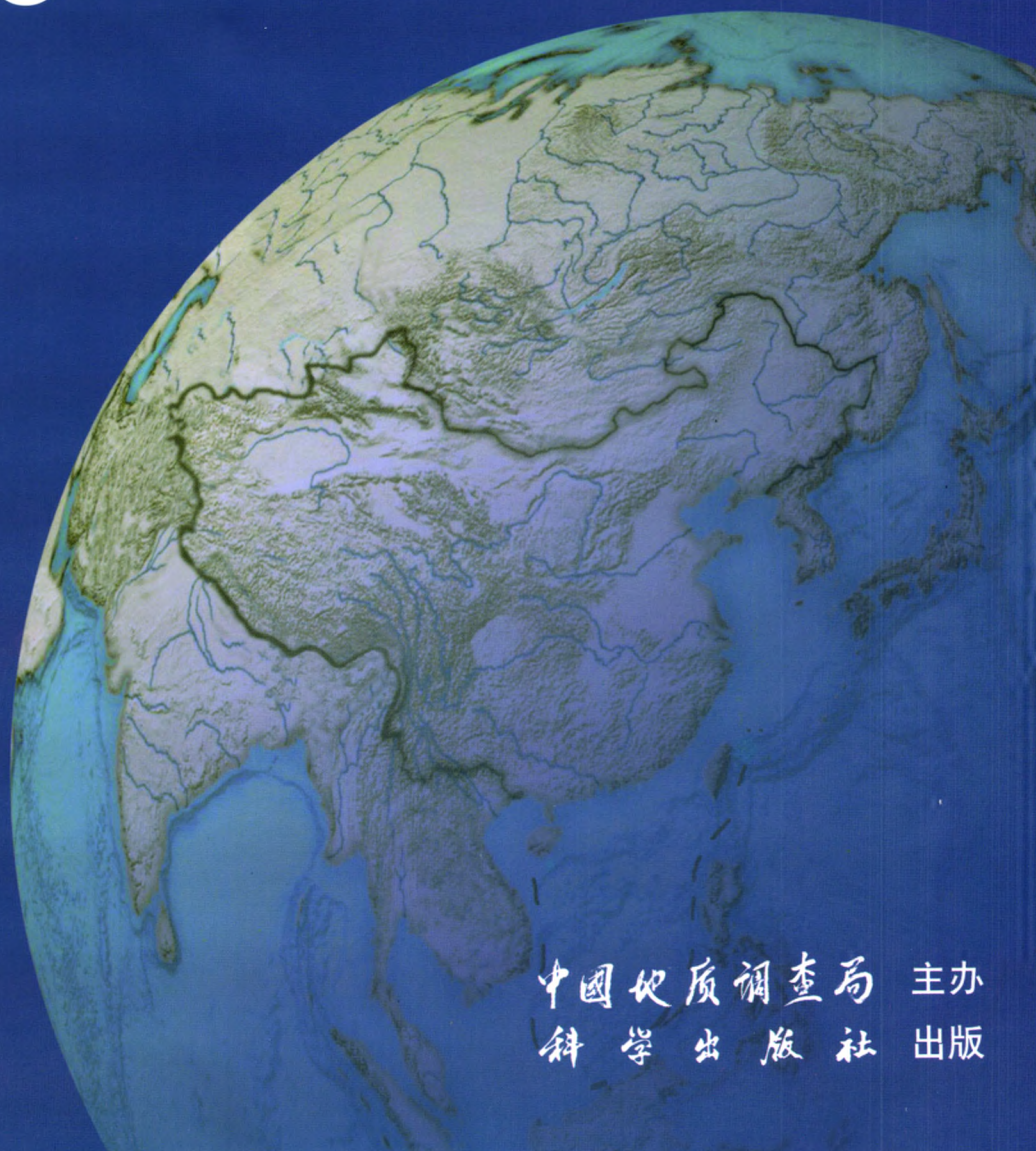
中国地质

GEOLOGY IN CHINA

3

■ 第40卷 第3期 总第356期
 Vol. 40 No. 3 Serial No. 356

2013



ISSN 1000-3657



9 771000 365130

中国地质调查局 主办
 科学出版社 出版

万方数据

中国地质(双月刊)

(ZHONGGUO DIZHI)

2013年6月第40卷第3期(总第356期)

中国深部探测技术与实验研究专辑

目次

南岭科学钻探第一孔选址研究 ... 陈毓川 陈邦辉 曾载淋 赵正 赵斌 王登红 张永忠 李建国 周新鹏 李江东(659)	
高喜马拉雅的三维挤出模式 许志琴 王勤 曾令森 梁凤华 李化启 戚学祥 蔡志慧 李忠海 曹汇(671)	
科学钻探——深化岩石学研究的金钥匙 张晓西 杨经绥 张惠 胡郁乐 苏德辰(681)	
怀宁盆地火山岩的年代学、地球化学及与长江中下游其他火山岩盆地的对比 薛怀民 马芳 关海燕 王一鹏(694)	
铜陵地区晚古生代岩浆活动的发现:来自凤凰山岩体 ZK66 钻孔岩心辉绿岩锆石 U-Pb 定年的证据 吴才来 董树文 王次松 高前明 闫永涛 李翔 郇源红 雷敏 秦海鹏 李名则 刘春花(715)	
腾冲地块内早印支期构造事件的厘定-来自那邦闪长岩锆石 U-Pb 定年和 Lu-Hf 同位素证据 黄志英 戚学祥 唐贾宗 刘金科 朱路华 胡兆初 赵宇浩 张超(730)	
雅鲁藏布江缝合带西段基性岩地球化学和 Sr-Nd-Pb 同位素特征:新特提斯洋内俯冲的证据 刘飞 杨经绥 陈松永 李兆丽 连东洋 周文达 张岚(742)	
雅鲁藏布江西段东波超镁铁岩体经历了俯冲带流体的改造:来自铂族元素的证据 牛晓露 杨经绥 陈松永 刘飞 熊发挥 刘钊 郭国林(756)	
内蒙古东乌旗索纳嘎铅锌银矿区花岗岩地球化学特征及其构造与成矿意义 梁玉伟 余存林 沈国珍 孙庆茹 李进文 杨郅城 余宏全 张斌 谭刚(767)	
西藏泽当岩体含铬超镁铁岩体的深部构造特征与找矿前景探讨 姜枚 杨经绥 张聿文 谭挥东 彭森 吴良士 许乐红 张立树 李庆庆(780)	
山西地块的深部构造和金伯利建造:兼论金刚石矿与稳定地块的深部过程 徐俊(790)	
云南腾冲火山构造区的电性结构特征及其地质意义 谭挥东 姜枚 林昌洪 彭森 吴良士 马欢 王忠凯 李晋津 谭嘉言(800)	
金川铜镍硫化物岩浆矿床前缘岩浆与岩浆通道 闫海卿 王强 胡彦强 吴君平 贾慧敏 谭雨婷(806)	
豆荚状铬铁矿多阶段形成过程的讨论 熊发挥 杨经绥 刘钊(820)	
汶川地震断裂带科学钻一号孔 ASR 法地应力测量 孙东生 林为人 王连捷 崔军文 王麓 黄尧(840)	
非主题来稿	
中国铈矿资源潜力及成矿预测 丁建华 杨毅恒 邓凡(846)	
黑龙江霍龙门地区早石炭世花岗岩的锆石 U-Pb 年龄、地球化学特征及构造意义 李成禄 曲晖 赵忠海 徐国战 王卓 张俭峰(859)	
兴蒙造山带东段大陆弧后 A 型花岗岩特征与成因 张磊 吕新彪 刘阔 陈俊 陈超 高奇 刘洪(869)	
滇西北甯哥碱性杂岩体地球化学与成矿作用分析 黄玉莲 刘显凡 邓江红 董毅 邹金沙(885)	
基于结构体的峨眉山玄武岩风化程度评价(I):风化结构体地球化学 徐则民 黄润秋(895)	
准噶尔盆地南缘侏罗系齐古组物源特征及其对储层发育的影响 林潼 王东良 王岚 沈英(909)	
川中龙岗—营山地区雷口坡组雷四 ³ 亚段储层成岩作用及孔隙演化 吴仕玖 曾德铭 王岩 陈虎 杨雪飞(919)	
川中蓬莱地区须二段和须四段储层孔隙结构特征及影响因素 赖锦 王贵文 王书南 柴毓 吴恒 张永辰 赵显令(927)	
塔木察格盆地南贝尔凹陷油气成藏规律 金利洪(939)	
试论遵义高铁铝土矿与低铁铝土矿的分带性及形成机制 刘平 廖友常(949)	
云南澜沧坝老铅多金属矿综合信息成矿预测 于瑞奇 高建国 赵晓琳(967)	
重庆主城区浅层地温能资源量评价研究 张甫仁 彭清元 朱方圆 张华民 杨新杰 陶嘉祥(974)	
北京平原区粉质粘土热导率影响因素实验研究 柴英波 郝桂森 卫万顺(981)	
国产矿井瞬变电磁仪的性能试验研究—与进口 Terratem 仪器对比 刘向红 张平松 刘盛东 桂和荣 马杰(989)	

[期刊基本参数]CN11-1167/P * 1953 * b * A4 * 336 * zh * P * ¥30.00 * 3000 * 29 * 2013-06

本期责任编辑:李亚萍 王学明 唐跃 英文审校:张中民 技术编辑:王巍

GEOLOGY IN CHINA

(Bimonthly)

Jun. 2013 Vol. 40, No.3 (Serial No. 356)

Special Issue of Sinoprobe

Contents

- Research on the site selection of Nanling Scientific Drilling-1 CHEN Yu-chuan, CHEN Zheng-hui, ZENG Zai-lin, ZHAO Zheng, ZHAO Bin, WANG Deng-hong, ZHANG Yong-zhong, LI Jian-guo, ZHOU Xin-peng, LI Jiang-dong(670)
- Three-dimensional extrusion model of the Great Himalaya slice XU Zhi-qin, WANG Qing, ZENG Ling-sen, LIANG Feng-hua, LI Hua-qi, QI Xue-xiang, CAI Zhi-hui, LI Zong-hai, CAO Hui(680)
- Scientific drilling—the golden key to in-depth petrologic study ZHANG Xiao-xi, YANG Jing-sui, ZHANG Hui, HU Yu-le, SU De-chen(693)
- Geochronology and geochemistry of volcanic rocks in Huaining basin in comparison with other basins in the middle-lower Yangtze region XUE Huai-min, MA Fang, GUAN Hai-yan, WANG Yi-peng(714)
- The discovery of late Paleozoic magmatism in Tongling area: Evidence from zircon U-Pb dating of diabase in Fenghuangshan ZK 66 drilling core WU Cai-lai, DONG Shu-wen, WANG Ci-song, GAO Qian-ming, YAN Yong-tao, LI Xiang, GAO Yuan-hong, LEI Min, QIN Hai-peng, LI Ming-ze, LIU Chun-ha(729)
- The identification of early Indosinian tectonic movement in Tengchong block, western Yunnan: Evidence of zircon U-Pb dating and Lu-Hf isotope for Nabang diorite HUANG Zhi-yin, QI Xue-xiang, TANG Guan-zong, LIU Jin-ke, ZHU Lu-hua, HU Zhao-chu, ZHAO Yu-hao, ZHANG Cao(741)
- Geochemistry and Sr-Nd-Pb isotopic composition of mafic rocks in the western part of Yarlung Zangbo suture zone: Evidence for intra-oceanic supra-subduction within the Neo-Tethys LIU Fei, YANG Jing-sui, CHEN Song-yong, LI Zhao-li, LIAN Dong-yang, ZHOU Wen-da, ZHANG Lan(755)
- The reformation of the Dongbo ultramafic rock mass in the western part of the Yarlung Zangbo suture zone by subduction-related fluids: Evidence from the platinun-group elements (PGE) NIU Xiao-lu, YANG Jing-sui, CHEN Song-yong, LIU Fei, XIONG Fa-hui, LIU Zhao, GUO Guo-lin(766)
- Geochemical characteristics of granites in the Suonaga Pb-Zn-Ag deposit of Dong Ujimqin Banner, Inner Mongolia, and their tectonic and ore-forming implications LIANG Yu-wei, YU Cun-lin, SHEN Guo-zhen, LI Jin-wen, YANG Yun-Cheng, SHE Hong-quan, ZHANG Bin, TAN Gang(779)
- Deep tectonic characteristics and ore-prospecting potential of the Zetang Cr-bearing ultramafic rock mass in Tibet JIANG Mei, YANG Jing-sui, ZHANG Yu-wen, TAN Han-dong, PENG Miao, WU Liang-shi, XU Le-hong, ZHANG Li-shu, LI Qin-qin(789)
- Deep structure of Shanxi massif and kimberlite formation: A discussion on the deep process of the stable massif in relation to diamond deposits XU Jun(799)
- Characteristics of electrical structure of Tengchong volcano-tectonic belt in Yunnan Province TAN Han-dong, JIANG Mei, LIN Chang-hong, PENG Miao, WU Liangshi, MA Huan, WANG Zhong-kai, LI Jin-jin, TAN Jia-yan(805)
- Striker magma and magma channel in the Jinchuan copper-nickel sulfide magmatic deposit YAN Hai-qing, WANG Qiang, HU Yan-qiang, WU Jun-ping, JIA Hui-min, TIAN Yu-ting(819)
- Multi-stage formation of the podiform chromitite XIONG Fa-hui, YANG Jing-sui, LIU Zhao(839)
- In-situ stress measurement by the anelastic strain recovery method in WFSD-1 SUN Dong-sheng, LIN Wei-ren, WANG Lian-jie, CUI Jun-wen, WANG Wei, HUANG Yao(845)
- Non-thematic Articles
- Resource potential and metallogenic prognosis of antimony deposits in China ... DING Jian-hua, YANG Yi-heng, DENG Fan(858)
- Zircon U-Pb ages, geochemical characteristics and tectonic implications of Early Carboniferous granites in Huolongmen area, Heilongjiang Province LI Cheng-lu, QU Hui, ZHAO Zhong-hai, XU Guo-zhan, WANG Zhuo, ZHANG Jian-feng(868)
- Characteristics and genesis of continental back-arc A-type granites in the eastern segment of the Inner Mongolia-Da Hinggan Mountains orogenic belt ZHANG Lei, LV Xin-biao, LIU Ge, CHEN Jun, CHEN Chao, GAO Qi, LIU Hong(884)
- An analysis of geochemistry and metallogenesis of Bengge alkaline igneous complex in northwestern Yunnan Province HUANG Yu-peng, LIU Xian-fan, DENG Jiang-hong, DONG Yi, ZOU Jin-xi, YI Li-wen(894)
- The assessment of the weathering intensity of Emeishan basalt based on rock blocks (I): geochemistry of weathered basalt blocks XU Ze-min, HUANG Run-qiu(908)
- The provenance feature of Jurassic Qigu Formation and its effect on reservoir development in the southern margin of Junggar basin LIN Tong, WANG Dong-Liang, WANG Lan, SHEN Ying(918)
- Reservoir diagenesis and porosity evolution of Leikoupo-4³ Formation in Longgang-Yingshan area of central Sichuan Basin WU Shi-jiu, ZENG De-ming, WANG Yan, CHEN Hu, YANG Xue-fei(926)
- Pore structure characteristics and controlling factors of 2nd and 4th member reservoirs in Upper Triassic Xujiatahe Formation of Penglai area, central Sichuan Basin LAI Jin, WANG Gui-wen, WANG Shu-nan, CHAI Yu, WU Heng, ZHANG Yong-cheng, ZHAO Xian-ling(938)
- Hydrocarbon accumulation regularity of South Buir sag in Tamtsag basin JIN Li-hong(948)
- The zonation and genetic mechanism of Zunyi high- and low-ferrous bauxites LIU Ping, LIAO You-chang(966)
- Metallogenic prognosis of polymetallic lead-zinc deposits in Balao area of Lancang, Yunnan Province, based on comprehensive ore-forming information YU Rui-qi, GAO Jian-guo, ZHAO Xiao-lin(973)
- The evaluation of shallow geothermal energy resources in Chongqing ZHANG Fu-ren, PENG Qing-yuan, ZHU Fang-yuan, ZHANG Hua-min, YANG Xin-jie, TAO Jia-xiang(980)
- The experimental study of the factors affecting the rate of thermal conductivity of silty clay in Beijing plain LUAN Ying-bo, ZHENG Gui-sen, WEI Wan-shun(988)
- An experimental study of the performance of the home-made mine transient electromagnetic instrument in comparison with imported Terratem instrument LIU Xiang-hong, ZHANG Ping-song, LIU Sheng-dong, Gui He-rong(994)

(Executive editors of this issue: LI Ya-ping, WANG Xue-ming, TANG Yue)