

中国地质(双月刊)

(ZHONGGUO DIZHI)

2015年6月第42卷第3期(总第368期)

西北地区重要成矿带地质与成矿规律研究专辑

目次

中国西北部成矿地质特征及找矿新发现	李文渊(365)
西天山金铜多金属重要成矿类型、成矿环境及找矿潜力	薛春纪 赵晓波 张国震 莫宣学 顾雪祥 董连慧 赵树铭 米登江 Bakhtiar Nurtaev Nikolay Pak 李志丹 王新利 俎波 亚夏尔亚力坤 冯博(381)
新疆西天山卡特巴阿苏大型金矿床地质地球化学和成矿年代	张祺 薛春纪 赵晓波 冯博 邢浩 莫宣学 赵树铭 杨维忠 邢令(411)
东昆仑夏日哈木岩浆铜镍硫化物矿床成矿时代的厘定及其找矿意义	张照伟 李文渊 钱兵 王亚磊 李世金 刘长征 张江伟 杨启安 尤敏鑫 王治安(438)
东天山白鑫滩铜镍矿锆石U-Pb年代学、地球化学特征及对Ni-Cu找矿的启示	王亚磊 张照伟 尤敏鑫 李鑫 李侃 王博林(452)
新疆北山二叠纪大型镁铁-超镁铁质岩体的动力学背景及成矿潜力	汤庆艳 张铭杰 李文渊 余明 张照伟 汪扬(468)
柴达木盆地西北缘牛鼻子梁镁铁-超镁铁质岩体年代学及其地质意义	钱兵 张照伟 张志炳 邵继(482)
新疆西准噶尔玉什喀腊岩体的地球化学特征、锆石U-Pb年龄及Hf同位素:对古亚洲洋闭合的制约	靳松 张兆祯 荣桂林 刘新宇 李跃辉 张瀚文 毕立(494)
青海省东昆仑大水沟金矿英云闪长岩锆石U-Pb测年、岩石地球化学及其找矿意义	李金超 杜玮 孔会磊 雷延军 贾群子 栗亚芝 南卡俄吾(509)
东昆仑小圆山铁多金属矿区斜长花岗岩斑岩锆石U-Pb测年、岩石地球化学及找矿意义	孔会磊 李金超 黄军 贾群子 栗亚芝 南卡俄吾(521)
西昆仑西段晚古生代—中生代花岗质岩浆作用及构造演化过程	康磊 校培喜 高晓峰 奚仁刚 杨再朝(533)
博格达造山带东段芨芨台子地区晚石炭世双峰式火山岩地球化学特征及其地质意义	汪晓伟 徐学义 马中平 陈隽璐 朱小辉 孙吉明 崔方磊(553)
西天山阿吾拉勒成矿带大哈拉军山组火山岩时空分布规律及其地质意义	韩琼 弓小平 马华东 程松林 凤骏 宋相龙 谢磊 苏虎 李潇林斌(570)
西昆仑下石炭统乌鲁阿特组火山岩地球化学特征及地质意义	负杰 高晓峰 校培喜 康磊 李平(587)
北祁连南地区阴沟群形成时代及沉积源区讨论——碎屑锆石U-Pb年龄证据	李猛 王超 李荣社 彭岩(601)
西昆仑塔什库尔干陆块赞坎铁矿赋矿地层形成时代及其地质意义	乔耿彪 王萍 伍跃中 郝延海 赵晓健 陈登辉 吕鹏瑞 杜玮(616)
东昆仑祁漫塔格虎头崖铅锌多金属矿区花岗岩年代学、地球化学及Hf同位素特征	李侃 高永宝 钱兵 何书跃 刘永乐 张照伟 张江伟 王亚磊(630)
东昆仑卡而却卡铜矿区花岗闪长岩及其暗色微粒包体成因:锆石U-Pb年龄、岩石地球化学及Sr-Nd-Hf同位素证据	高永宝 李侃 钱兵 李文渊 李东生 苏生顺 Chenguang Zhang 张大民 王生明(646)
东昆仑别里赛北铁矿床石英闪长岩LA-ICP-MS锆石U-Pb测年、地球化学及其地质意义	张勇 苏生顺 白生龙 刘国燕 赵永亮 李泽峰(663)
新疆多拉纳萨依金矿—带花岗岩类形成时代及其对金矿成矿作用的制约	周刚 董连慧 秦纪华 张立武 赵忠合 李永(677)
北祁连浪力克铜矿床锆石U-Pb和铀钼矿Re-Os年龄及其地质意义	郭周平 赵辛敏 白赞 张江伟 孔会磊(691)
青海东昆仑哈西亚图矿区花岗闪长岩锆石U-Pb年龄与岩石地球化学特征	南卡俄吾 贾群 唐玲 栗亚芝 李金超 孔会磊 代岩(702)
青海省柴达木南北缘岩浆熔离型镍矿的找矿——以夏日哈木镍矿为例	潘彤(713)
青海省化隆地区镁铁-超镁铁质侵入岩含矿特点与成矿规律	张照伟 王亚磊 钱兵 李侃 张江伟 高永宝 尤敏鑫(724)
新疆西天山晚古生代主要磁铁矿床(点)成因类型与成矿过程探讨	张振亮 冯选洁 高永伟 王志华 董福辰 谭文娟(737)
西藏多龙矿集区波龙斑岩铜矿床蚀变与脉体系统	杨毅 张志唐 唐菊兴 陈毓川 李玉彬 王立强 李建力 高轲 王勤 杨欢欢(760)
新疆若羌坡北地区镁铁-超镁铁质侵入岩含矿特征及找矿方法探讨	王恒 王鹏 李建 冯京 邓刚 吕新彪(777)
东昆仑清水泉蛇纹岩中铬铁矿环带成因	冯惠彬 孟繁聪 李胜荣 贾丽辉(785)
青海省西宁地热田成因分析及资源评价	赵振 于漂罗 陈惠娟 罗银飞 赵东阳 边疆(803)

[期刊基本参数]CN11-1167/P*1953*b*A4*446*zh*P*¥ 30.00*2000*29*2015-06

本期责任编辑:李亚萍 王学明 杨艳 英文审校:张中民 技术编辑:王巍 黄彩霞

GEOLOGY IN CHINA

(Bimonthly)

Jun. 2015 Vol. 42, No.3 (Serial No. 368)

Special Issue of Study on Geological and Metallogenic Regularity of the Important Metallogenic Belt in Northwest China

Contents

- Metallogenic geological characteristics and newly discovered orebodies in Northwest China..... *LI Wen-yuan*(365)
- Metallogenic environments, ore-forming types and prospecting potential of Au-Cu-Zn-Pb resources in Western Tianshan Mountains..... *XUE Chun-ji, ZHAO Xiao-bo, ZHANG Guo-zhen, MO Xuan-xue, GU Xue-xiang, DONG Lian-hui, ZHAO Shu-ming, MI Deng-jiang, Bakhtiar Nurtaev, Nikolay Pak, LI Zhi-dan, WANG Xin-li, ZU Bo, YAXIAER Yalikun, FENG Bo*(381)
- Geology, geochemistry and metallogenic epoch of the Katebasu large-sized gold deposit, Western Tianshan Mountains, Xinjiang..... *ZHANG Qi, XUE Chun-ji, ZHAO Xiao-bo, FENG Bo, XING Hao, MO Xuan-xue, ZHAO Shu-ming, YANG Wei-zhong, XING Ling*(411)
- Metallogenic epoch of the Xiarihamu magmatic Ni-Cu sulfide deposit in eastern Kunlun orogenic belt and its prospecting significance..... *ZHANG Zhao-wei, LI Wen-yuan, QIAN Bing, WANG Ya-lei, LI Shi-jin, LIU Chang-zheng, ZHANG Jiang-wei, YANG Qi-an, YOU Min-xin, WANG Zhi-an*(438)
- Chronological and geochemical characteristics of the Baixintan Ni-Cu deposit in Eastern Tianshan Mountains, Xinjiang, and their implications for Ni-Cu mineralization..... *WANG Ya-lei, ZHANG Zhao-wei, YOU Min-xin, LI Xin, LI Kan, WANG Bo-lin*(452)
- Geodynamic setting and metallogenic potential of Permian large-sized mafic-ultramafic intrusions in Beishan area, Xinjiang..... *TANG Qing-yan, ZHANG Ming-jie, LI Wen-yuan, YU Ming, ZHANG Zhao-wei, WANG Yang*(468)
- Zircon U-Pb geochronology of Niubiziliang mafic-ultramafic intrusion on the northwest margin of Qaidam Basin, Qinghai..... *QIAN Bing, ZHANG Zhao-wei, ZHANG Zhi-bing, SHAO Ji*(482)
- Geochemical characteristics, zircon U-Pb age, and Hf isotopes of Yushenkala pluton in western Junggar, Xinjiang: Constraint on the closure of Paleo-Asian Ocean..... *JIN Song, ZHANG Zhao-yi, RONG Gui-lin, LIU Xin-yu, LI Yue-hui, ZHANG Han-wen, BI Li*(494)
- Zircon U-Pb dating and geochemical characteristics of the tonalite in the Dashuigou gold deposit of Eastern Kunlun Mountains, Qinghai Province..... *LI Jin-chao, DU Wei, KONG Hui-lei, LEI Yan-jun, JIA Qun-zi, LI Ya-zhi, Namkha Norbu*(509)
- Zircon U-Pb dating and geochemical characteristics of the plagiogranite porphyry from the Xiaoyuanshan iron-polymetallic ore district in East Kunlun Mountains..... *KONG Hui-lei, LI Jin-chao, HUANG Jun, JIA Qun-zi, LI Ya-zhi, Namkha Norbu*(521)
- Neopaleozoic and Mesozoic granitoid magmatism and tectonic evolution of the western West Kunlun Mountains..... *KANG Lei, XIAO Pei-xi, GAO Xiao-feng, XI Ren-gang, YANG Zai-chao*(533)
- Geochemical characteristics of the Late Carboniferous bimodal volcanic rocks in Jijitaizi area, eastern Bogda orogenic belt, and their geological significance..... *WANG Xiao-wei, XU Xue-yi, MA Zhong-ping, CHEN Jun-lu, ZHU Xiao-hui, SUN Ji-ming, CUI Fang-lei*(554)
- Temporal and spatial distribution of Dahalajunshan Group volcanic rocks in the Awulale Metallogenic belt of West Tianshan Mountains and its geological significance..... *HAN Qiong, GONG Xiao-ping, MA Hua-dong, CHENG Song-lin, FENG Jun, SONG Xiang-long, XIE Lei, SU Hu, LI Xiao-linbin*(570)
- Geochemical characteristics of the Lower Carboniferous volcanic rocks of the Wuluat Formation in the Western Kunlun Mountains and their geological significance..... *YUN Jie, GAO Xiao-feng, XIAO Pei-xi, KANG Lei, LI Ping*(587)
- Age and provenance of the Yingou Group in Sunan area of North Qilian Mountain: Evidence from detrital zircon U-Pb Dating..... *LI Meng, WANG Chao, LI Rong-she, PENG Yan*(601)
- Formation age of ore-bearing strata of the Zankan iron deposit in Taxkorgan landmass of Western Kunlun Mountains and its geological significance..... *QIAO Geng-biao, WANG Ping, WU Yue-zhong, HAO Yan-hai, ZHAO Xiao-jian, CHEN Deng-hui, LV Peng-rui, DU Wei*(616)
- Geochronology, geochemical characteristics and Hf isotopic compositions of granite in the Hutouya deposit, Qimantag, East Kunlun..... *LI Kan, GAO Yong-bao, QIAN Bing, HE Shu-yue, LIU Yong-le, ZHANG Zhao-wei, ZHANG Jiang-wei, WANG Ya-lei*(630)
- The genesis of granodiorites and dark enclaves from the Kaerqueka deposit in east Kunlun belt: Evidence from zircon U-Pb dating, geochemistry and Sr-Nd-Hf isotopic compositions..... *GAO Yong-bao, LI Kan, QIAN Bing, LI Wen-yuan, LI Dong-sheng, SU Sheng-shun, Chen-guang Zhang, ZHANG Da-min, WANG Sheng-ming*(646)
- Geochemistry, LA-ICP-MS zircon U-Pb dating and geological significance of quartz diorite in the Bielsaibe iron ore deposit, East Kunlun Mountains, Qinghai Province..... *ZHANG Yong, SU Sheng-shun, BAI Sheng-long, LIU Guo-yan, ZHAO Yong-liang, LI Ze-feng*(663)
- The age of the granitoids in the Dolanasayi gold ore district in Xinjiang and its constraints on gold mineralization..... *ZHOU Gang, DONG Lian-hui, QIN Ji-hua, ZHANG Li-wu, ZHAO Zhong-he, LI Yong*(677)
- Zircon U-Pb and molybdenite Re-Os dating of the Langlike copper deposit in North Qilian Mountain and its geological implications..... *GUO Zhou-ping, ZHAO Xin-min, BAI Yun, ZHANG Jiang-wei, KONG Hui-lei*(691)
- Zircon U-Pb age and geochemical characteristics of granodiorite from the Haxiyatu iron-polymetallic ore district in Eastern Kunlun Mountains..... *Namkha Norbu, JIA Qun-zi, TANG Ling, LI Ya-zhi, LI Jin-chao, KONG Hui-lei, DAI Yan*(702)
- The prospecting for magmatic liquation type nickel deposits on the southern and northern margin of Qaidam Basin, Qinghai Province: A case study of the Xiarihamu Ni-Cu sulfide deposit..... *PAN Tong*(713)
- Mineralization characteristics and metallogenic regularity of mafic-ultramafic intrusions in Hualong area, Qinghai Province..... *ZHANG Zhao-wei, WANG Ya-lei, QIAN Bing, LI Kan, ZHANG Jiang-wei, GAO Yong-bao, YOU Min-xin*(724)
- A tentative discussion on the genetic type and ore-forming process of main late Paleozoic magnetite deposits in West Tianshan Mountains, Xinjiang..... *ZHANG Zhen-liang, FENG Xuan-jie, GAO Yong-wei, WANG Zhi-hua, DONG Fu-chen, TAN Wen-juan*(737)
- Mineralization, alteration and vein systems of the Bolong porphyry copper deposit in the Duolong ore concentration area, Tibet..... *YANG Yi, ZHANG Zhi, TANG Ju-xing, CHEN Yu-chuan, LI Yu-bin, WANG Li-qiang, LI Jian-li, GAO Ke, WANG Qin, YANG Huan-huan*(759)
- A tentative discussion on features of mafic-ultramafic rocks and exploration methods in Pobei area of Ruoqiang, Xinjiang..... *WANG Heng, WANG Peng, LI Jian, FENG Jing, DENG Gang, LV Xin-biao*(777)
- The genesis of zonal texture of chromites from the Qingshuiquan serpentinite in East Kunlun Mountains..... *FENG Hui-bin, MENG Fan-cong, LI Sheng-rong, JIA Li-hui*(785)
- Genetic analysis and resource evaluation of the Xining geothermal field in Qinghai Province..... *ZHAO Zhen, YU Piao-luo, CHEN Hui-juan, LUO Yin-fei, ZHAO Dong-yang, BIAN Jiang*(803)

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