

中国地质(双月刊)

(ZHONGGUO DIZHI)

2014年8月第41卷第4期(总第363期)

中蒙边境及邻区地质与成矿规律对比研究专辑

目次

中蒙边境及邻区铀矿床产出环境、地质特征、形成作用和找矿标志

..... 聂凤军 李强峰 王佳新 蒋 喆 张晓康 吴科锐 丁成武 曹 毅(1037)

戈壁天山—北山—天山斑岩型铜(金)矿床地质特征与成矿时代对比分析及意义

..... 朱明帅 Baatar Munkhtsengel 苗来成 Anaad Chimedtseren 杨顺虎 李月明(1059)

内蒙古哈拉莫里特锡钨矿成矿时代确定及其与北山地区成矿时代对比的意义

..... 李月明 Baatar Munkhtsengel 苗来成 Anaad Chimedtseren 朱明帅 杨顺虎(1080)

内蒙古额仁陶勒盖地区侵入岩 LA-ICP-MS 锆石 U-Pb 年龄及地球化学特征

..... 田 京 李进文 王润和 刘 文 向安平 康永建 郭志军 董旭舟(1092)

内蒙古林西双井子杂岩锆石 LA-MC-ICP-MS 测年初步研究 江思宏 梁清玲 聂凤军 刘翼飞(1108)

蒙古国乌兰铅锌矿地质特征、岩石地球化学特征及 U-Pb 年龄 张 璟 邵 军 鲍庆中 周永恒 王宏博(1124)

内蒙古中部凉城地区紫苏斜长麻粒岩锆石 U-Pb 年龄及地质意义 陈海东 黎 娇 景耀祖 鲁 宁 张国忠(1136)

内蒙古大石寨地区二叠系碎屑锆石年龄及其构造意义 陈 贤 刘家军 周志广 柳长峰(1143)

蒙古戈壁天山断裂带晚新生代构造变形与构造地貌研究 杨顺虎 苗来成 朱明帅 李兴波 李景晨(1159)

内蒙古锡林郭勒杂岩中泥盆纪地层的发现及地质意义 许雅雯 李承东 赵利刚 张 阔 常青松 申宗义(1167)

大兴安岭北部佳疙瘩组洋岛型玄武岩的发现及地质意义 孙立新 任邦方 王若虹 王树庆 李艳锋(1178)

北山地区中生代岩浆活动与成矿构造背景分析 苗来成 朱明帅 张福勤(1190)

内蒙古苏布格塔蓝闪石片岩基本特征及成因分析 张庆奎 邵学峰 关培彦 杨 宾 赵明远 李安楠 吕凤祥(1205)

内蒙古八大关矿区印支期岩浆活动及其找矿意义 康永建 余宏全 向安平 田 京 李进文 杨郎城 郭志军 董旭舟(1215)

内蒙古红花尔基白钨矿矿床赋矿花岗岩 Sr-Nd-Pb-Hf 同位素特征

..... 郭志军 李进文 黄光杰 关继东 董旭舟 田 京 杨郎城 余宏全 向安平 康永建(1226)

内蒙古比利谷铅锌银矿床地质地球化学特征及成因 吴涛涛 赵东芳 邵 军 鲍庆中 王宏博(1242)

内蒙古八大关斑岩型铜钼矿床形成时代与成因分析 李春风 柳振江 宓奎峰 王建平 刘瑞斌 邹君宇 王忠宝(1253)

内蒙古乌努格吐山大型铜钼矿床元素迁移及成矿过程探讨 宓奎峰 柳振江 李春风 刘瑞斌 王建平 邹君宇 王忠宝(1270)

内蒙古林西边家大院银多金属矿床同位素地球化学特征及成矿物质来源探讨

..... 王喜龙 刘家军 翟德高 王建平 张琪彬 张安立(1288)

内蒙古中生代主要含铀沉积盆地找矿突破技术思路及其成果扩大方向 申科峰 杨建新 侯树仁 戴明建 李洪军(1304)

非主题来稿

西藏班公湖带铁格隆南超大型斑岩铜(金)矿床的勘查突破及区域找矿意义

..... 孙兴国 冯道永 栗登达 王思德 侯俊富 印贤波 袁华山 江少卿(1314)

延边地区明南洞岩体的成因及构造背景:岩石地球化学、锆石 U-Pb 年龄的制约

..... 雷聪聪 李世超 刘正宏 徐仲元 张 超 白新会(1328)

南秦岭铀厂沟碧口群玄武岩 LA-ICP-MS 锆石 U-Pb 年龄及岩石成因研究

..... 吴 杰 刘家军 李静贤 贾 磊 刘冲昊 杨尚松 王立新 余康伟 李志国(1341)

江山—绍兴结合带榴闪岩的发现及岩石学、年代学特征 汪建国 余盛强 胡艳华 赵旭东 吴 鸣 顾明光(1356)

河南嵩县大石门沟钨矿床辉钨矿 Re-Os 同位素年龄及地质意义 李靖辉(1364)

浙江天台盆地陈萤石矿稀土元素地球化学特征及成因 邹 灏 方 乙 陈合毛 肖 广 徐旃章(1375)

四川盆地东部地区大安寨段页岩气(油)储层特征 卢炳雄 郑荣才 梁西文 徐文礼(1387)

东营凹陷民丰地区沙三段中下亚段物源体系及其控储作用 刘 杰 操应长 樊太亮 刘惠民(1399)

[期刊基本参数]CN11-1167/P*1953*b*A4*374*zh*P*¥ 30.00*3000*28*2014-08

本期责任编辑:王学明 李亚萍 杨 艳 英文审校:张中民 技术编辑:王 巍 黄彩霞

GEOLOGY IN CHINA

(Bimonthly)

Aug. 2014 Vol. 41, No.4 (Serial No. 363)

Special Issue on Comparison of Geological and metallogenic law within the China-Mongolia border region and its neighboring areas

Contents

- Geological setting, features, origin and exploration criteria of uranium deposits occurring within the China-Mongolia border region and its neighboring areas *NIE Feng-jun, LI Qiang-feng, WANG Jia-xin, JIANG Zhe, ZHANG Xiao-kang, WU Ke-rui, DING Cheng-wu, CAO Yi* (1058)
- A comparative analysis of geological characteristics and mineralization epochs of porphyry-type Cu (Au-Mo) deposits in Mongolian Gebi-Tianshan and Chinese Beishan-Tianshan and its significance *ZHU Ming-shuai, Anaad Chimedtseren, MIAO Lai-cheng, Baatar Munkhtsengel, ZHANG Fu-qin, YANG Shun-hu, LI Yue-ming* (1079)
- Metallogenic age of the Khar Morit W-Sn deposit in Gebi Tianshan of Mongolia and geological significance of its comparison with ore-forming age of Beishan area in China *LI Yue-ming, Baatar Munkhtsenge, MIAO Lai-cheng, Anaad Chimedtseren, ZHU Ming-shuai, YANG Shun-hu* (1091)
- Zircon LA-ICP-MS U-Pb ages and geochemical features of intrusions in Erentaolegai area of Inner Mongolia *TIAN Jing, LI Jin-wen, WANG Run-he, LIU Wen, XIANG An-ping, KANG Yong-jian, GUO Zhi-jun, DONG Xu-zhou* (1107)
- A preliminary study of zircon LAMC-ICP-MS U-Pb ages of the Shuangjingzi complex in Linxi, Inner Mongolia *JIANG Si-hong, LIANG Qing-ling, NIE Feng-jun, LIU Yi-fei* (1123)
- Geological and rock geochemical characteristics and U-Pb age of the Ullan lead-zinc deposit in Mongolia *ZHANG Jing, SHAO Jun, BAO Qing-zhong, ZHOU Yong-heng, WANG Hong-bo* (1135)
- Zircon U-Pb dating of the hypersthene-plagioclase granulite in Liangcheng area of central Inner Mongolia and its geological significance *CHEN Hai-dong, LI Jiao, JING Yao-zu, LU Ning, ZHANG Guo-zhong* (1142)
- Ages of detrital zircons from the Permian strata in Dashizhai area of Inner Mongolia and their tectonic implications *CHEN Xian, LIU Jia-jun, ZHOU Zhi-guang, LIU Chang-feng* (1158)
- Late Cenozoic structural deformation and tectono-geomorphic features along the Gobi-Tianshan Fault System *YANG Shun-hu, MIAO Lai-cheng, ZHU Ming-shuai, LI Xing-bo, LI Jing-chen* (1166)
- The discovery of Devonian strata in Xilin Gol complex of Inner Mongolia and its geological significance *XU Ya-wen, LI Cheng-dong, ZHAO Li-gang, ZHANG Kuo, CHANG Qing-song, SHEN Zong-yi* (1177)
- The discovery of the oceanic island basalts in Jiageda Formation of northern Da Hinggan Mountains and its geological implications *SUN Li-xin, REN Bang-fang, WANG Ruo-hong, WANG Shu-qing, LI Yan-feng* (1189)
- Tectonic setting of Mesozoic magmatism and associated metallogenesis in Beishan area *MIAO Lai-cheng, ZHU Ming-shuai, ZHANG Fu-qin* (1204)
- Basic characteristics and genetic analysis of glaucophane schist in Subugeta, Inner Mongolia *ZHANG Qing-kui, SHAO Xue-feng, GUAN Pei-yan, YANG Bin, ZHAO Ming-yuan, LI An-nan, LV Feng-xiang* (1214)
- Indo-Chinese magmatic activity in the Badaguan ore district of Inner Mongolia and its metallogenic implications *KANG Yong-jian, SHE Hong-quan, XIANG An-ping, TIAN Jing, LI Jin-wen, YANG Yun-cheng, GUO Zhi-jun, DONG Xu-zhou* (1225)
- Sr-Nd-Pb-Hf isotopic characteristics of ore-bearing granites in the Honghuaerji scheelite deposit, Inner Mongolia *GUO Zhi-jun, LI Jin-wen, HUANG Guang-jie, GUAN Ji-dong, DONG Xu-zhou, TIAN Jing, YANG Yun-cheng, SHE Hong-quan, XIANG An-ping, KANG Yong-jian* (1241)
- Geological and geochemical characteristics and genesis of the Biliyagu lead-zinc-silver deposit, Inner Mongolia *WU Tao-tao, ZHAO Dong-fang, SHAO Jun, BAO Qing-zhong, WANG Hong-bo* (1252)
- Metallogenic age and ore genesis of the Badaguan porphyry copper-molybdenum deposit in Inner Mongolia *LI Chun-feng, LIU Zhen-jiang, MI Kui-feng, WANG Jian-ping, LIU Rui-bin, ZOU Jun-yu, WANG Zhong-bao* (1269)
- Metallogenic processes and migration of ore-forming elements in the Wunugetushan porphyry Cu-Mo deposit, Inner Mongolia *MI Kui-feng, LIU Zhen-jiang, LI Chun-feng, LIU Rui-bin, WANG Jian-ping, ZOU Jun-yu, WANG Zhong-bao* (1287)
- A study of isotope geochemistry and sources of ore-forming materials of the Bianjiadayuan silver polymetallic deposit in Linxi, Inner Mongolia *WANG Xi-long, LIU Jia-jun, ZHAI De-gao, WANG Jian-ping, ZHANG Qi-bin, ZHANG An-li* (1303)
- Uranium prospecting breakthrough, achievement expanding and prospecting orientation in main Mesozoic-Cenozoic sedimentary uranium basins of Inner Mongolia *SHEN Ke-feng, YANG Jian-xin, HOU Shu-ren, DAI Ming-jian, LI Hong-jun* (1313)
- Non-thematic Articles**
- The exploration breakthrough of the Tiegelongnan superlarge porphyry Cu (Au) deposit, Bangong Lake arc, Tibet, and its significance *SUN Xing-gu, FENG Dao-yong, SU Deng-kui, WANG Si-de, HOU Jun-fu, YIN Xian-bo, YUAN Hua-shan, JIANG Shao-qing* (1327)
- Petrogenesis and tectonic setting of Mingnandong pluton in Yanbian area: Constraints from petro-geochemistry and zircon U-Pb ages *LEI Cong-cong, LI Shi-chao, LIU Zheng-hong, XU Zhong-yuan, ZHANG Chao, BAI Xin-hui* (1340)
- LA-ICP-MS zircon U-Pb dating and petrogenesis of the Bikou Group basalt in Huachanggou area, South Qinling *WU Jie, LIU Jia-jun, LI Jing-xian, JIA Lei, LIU Chong-hao, YANG Shang-song, WANG Li-xin, YU Kang-wei, LI Zhi-guo* (1355)
- The discovery, petrology and geochronology of the retrograde eclogite in Jiangshan-Shaoxing suture zone *WANG Jian-guo, YU Sheng-qiang, HU Yan-hua, ZHAO Xu-dong, WU Ming, GU Ming-guang* (1363)
- Re-Os isotopic dating of molybdenites from the Dashimengou molybdenum deposit in Songxian County, Henan Province, and its geological significance *LI Jing-hui* (1374)
- REE geochemistry and genesis of the Xiachen fluorite deposit in Tiantai basin, Zhejiang Province *ZOU Hao, FANG Yi, CHEN He-mao, XIAO Guang, XU Zhan-zhang* (1386)
- Characteristics analysis of Da'anzhai shale gas (oil) reservoirs in eastern Sichuan Basin *LU Bing-xiong, ZHENG Rong-cai, LIANG Xi-wen, XU Wen-li* (1398)
- An analysis of the source system and its effect on the reservoir of the middle-lower submember of 3rd Member of Shahejie Formation in Minfeng area, Dongying depression *LIU Jie, CAO Ying-chang, FAN Tai-liang, LIU Hui-min* (1410)

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