时空三极环境大数据平台

**华北北缘及其邻区燕山期中酸性岩主微量元素地球化学数据集**

英文标题：Major and trace element geochemical data sets of Yanshanian intermediate acid rocks in the northern margin of North China and its adjacent areas

1、摘要

本数据为华北北缘及其邻区燕山期中酸性岩的全岩主微量元素地球化学数据。全岩主量数据由XRF分析获得，微量元素数据由ICP-MS分析获得。部分数据已发表于高级别SCI期刊，数据真实可靠。通过获得的数据，可以查明研究区岩浆作用的时空分布以及岩石化学组成变化规律，对追溯构造-岩浆过程的动力学过程，分析鄂霍茨克洋与太平洋构造域叠合、转换对区内岩浆活动与成矿作用的制约，限定古洋壳俯冲、消亡到相互转换的时限有重要作用，最终为揭示燕山运动的深部过程与岩浆-成矿作用的关系提供关键制约。

2、关键词

主题关键词：稀土元素,主量元素,微量元素,地球化学  
学科关键词：固体地球  
地点关键词：华北北缘  
时间关键词：燕山期

3、数据细节

1.比例尺：None

2.投影：

3.文件大小：0.38MB

4.数据格式：None

4、空间范围

|  |  |  |
| --- | --- | --- |
| - | 北：42.0 | - |
| 西：112.0 | - | 东：134.0 |
| - | 南：53.0 | - |

5、时间范围None--None

6、引用方式

数据的引用:

葛文春. 华北北缘及其邻区燕山期中酸性岩主微量元素地球化学数据集. 时空三极环境大数据平台, DOI:10.11888/Geo.tpdc.271563, CSTR:18406.11.Geo.tpdc.271563, 2021.[GE Wenchun. Major and trace element geochemical data sets of Yanshanian intermediate acid rocks in the northern margin of North China and its adjacent areas. A Big Earth Data Platform for Three Poles, DOI:10.11888/Geo.tpdc.271563, CSTR:18406.11.Geo.tpdc.271563, 2021]

文章的引用:

He, Y., He, Z.H., Ge, W.C., Yang, H., Wang, Z.H., Dong, Y., Bi, J.H., & Zhao, D. (2018). Petrogenesis and tectonic implications of Late Jurassic – Early Cretaceous granitic magmatism in the Xing’an Block, Northeast China: geochronological, geochemical, and Hf isotopic evidence. Canadian Journal of Earth Sciences, 55(6), 571-588.  
  
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7、资助项目信息

燕山期重大地质事件的深部过程与资源效应(2016YFC0600400)

8、数据资源提供者

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