A Big Earth Data Platform for Three Poles

**LA-ICP-MS zircon analytical data for the granodiorite (porphyry) from the Chizhou region**

1、Description

The table includes the results of zircon geochronology and trace element geochemistry of granodiorite (porphyry) in Chizhou area. The experimental method was la-icp-ms. The U-Pb isotopic composition of zircon was analyzed by Agilent 7500a ICP-MS instrument and compexpro 102193nm ArF excimer laser source in school of resource and environmental engineering, Hefei University of technology. The laser energy of 80 MJ and repetition rate of 6 Hz are used, and the frequency is 32 μ M spot size and 50 second ablation time. The isotopic ratios of zircons were calculated by ICP msdatacalv. This data can provide data support for future geochemical model analysis of granodiorite (porphyry) in Chizhou area.
The above data have been published in SCI high-level journals, and the data are true and reliable. The data is stored in Excel.

2、Keywords

Theme：zircon,Rocks/Minerals,Geochemistry,Geologic Hazard,Isotopic geochemistry
Discipline：Solid earth
Places：Chizhou, Lower Yangtze River Belt
Time：Jurassic, Mesozoic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.06MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：30.67 | - |
| west：117.33 | - | east：117.67 |
| - | south：30.33 | - |

5、Time frame:None--None

6、Reference method

References to data:

XIE Jiancheng. LA-ICP-MS zircon analytical data for the granodiorite (porphyry) from the Chizhou region. A Big Earth Data Platform for Three Poles, doi:10.1016/j.oregeorev.2019.04.0182021

References to articles:

Jx, A., Dt, A., Dx, A., Yu, W.A., Ql, A., & Xy, B., et al. (2019). Geochronological and geochemical constraints on the formation of chizhou cu-mo polymetallic deposits, middle and lower yangtze metallogenic belt, eastern china. Ore Geology Reviews, 109, 322-347.

7、Supporting project information

The deep process and resource effect of major geological events in Yanshan period

8、Data resource provider

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