A Big Earth Data Platform for Three Poles

**Nd SR Hf isotopic composition of granodiorite (porphyry) in Chizhou area**

1、Description

The data include nd, Sr isotopic compositions and la-mc-icp-ms zircon Hf isotopic compositions of granodiorite (porphyry) in Chizhou area.
RB Sr and SM Nd isotopic data were measured at the laboratory of radiogenic isotope geochemistry, University of science and technology of China, using finnigan-mat-262 thermal ionization mass spectrometer.
The Lu Hf isotopic composition of zircons was measured by 193 nm laser on Neptune multi collector ICP-MS (la-mc-icp-ms) at the State Key Laboratory of mineral deposit research, Nanjing University.
The above data have been published in SCI high-level journals, and the data are true and reliable. The data is uploaded through Excel.

2、Keywords

Theme：electron microprobe,magma,Rocks/Minerals,Geochemistry,Geologic Hazard,Sr-Nd isotope
Discipline：Solid earth
Places：Chizhou, Lower Yangtze River Belt
Time：Jurassic, Mesozoic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.07MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：30.5 | - |
| west：117.1 | - | east：117.35 |
| - | south：30.18 | - |

5、Time frame:None--None

6、Reference method

References to data:

XIE Jiancheng. Nd SR Hf isotopic composition of granodiorite (porphyry) in Chizhou area. 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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