A Big Earth Data Platform for Three Poles

**Re-Os isotopic date of molybdenite from Matou Cu-Mo deposit in the Chizhou region**

1、Description

The data include Re Os isotopic age of Molybdenite in Chizhou copper molybdenum deposit  
The Re Os isotopic composition of molybdenite was determined by tjax ICP-MS.  
Experimental characteristics of Re Os isotopic age: the uncertainty of each age measurement is about 1.5%, including the uncertainty of 187Re decay constant, the uncertainty of isotope ratio measurement and peak calibration. The decay constant is λ ( 187Re）=1.666 × 10-11 year−1。 According to the above rules, the final chronological data are formed.  
The above data have been published in SC journals, and the data are true and reliable. The uploaded data is in Excel format.

2、Keywords

Theme：electron microprobe,magma,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：0.01MB

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. Re-Os isotopic date of molybdenite from Matou Cu-Mo deposit in 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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