A Big Earth Data Platform for Three Poles

**The Zircon Hf isotope of tranites in South Qiangtang of the Tibetan Plateau (2014)**

1、Description

This data set is the result of systematic zircon Hf isotope testing performed on granites in the Bangong Lake, Gaize, Dongqiao and Anduo areas of south Qiangtang using the multireceiving Laser Ablation Multi-Collector Inductively Coupled Plasma Mass Spectrum (LA-MC-ICP-MS) method.  
The data were obtained according to laboratory standards, and the quality met laboratory requirements.  
The data are mainly used in geological research of the Tibetan Plateau.

2、Keywords

Theme：Rocks/Minerals,bedrock lighology,Isotopes,Paleoclimate Reconstruction  
Discipline：Palaeoenvironment,Solid earth  
Places：Anduo, Gaize, Dongqiao, Bangong Lake, Tibetan Plateau , South Qiangtang  
Time：2014

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.1MB

4.Data format：EXCEL

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：36.0 | - |
| west：79.0 | - | east：92.0 |
| - | south：32.0 | - |

5、Time frame:2014-01-08 08:00:00+00:00--2015-01-07 08:00:00+00:00

6、Reference method

References to data:

LIU Deliang. The Zircon Hf isotope of tranites in South Qiangtang of the Tibetan Plateau (2014). A Big Earth Data Platform for Three Poles, doi:10.11888/Geology.tpe.249410.file2018

References to articles:

Liu, D.L., Shi, R.D., Ding, L., Huang, Q.S., Zhang, X.R., Yue, Y.H., &Zhang, L.Y. (2015). Zircon U–Pb age and Hf isotopic compositions of Mesozoic granitoids in southern Qiangtang, Tibet: Implications for the subduction of the Bangong–Nujiang Tethyan Ocean. Gondwana Research, 41, 157-172.

7、Supporting project information

8、Data resource provider

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