A Big Earth Data Platform for Three Poles

**Zircon U-Pb dating of basic rocks in ophiolites from rencuo area, zangbeihu District, Qinghai Tibet Plateau**

1、Description

This data includes zircon U-Pb ages of Precambrian Cenozoic magmatic rocks in Lhasa block, Qinghai Tibet Plateau. The data table includes zircon U-Th-Pb ratios and corrected data results. The U-Pb age concordance diagram is also attached. The data testing was completed in Beijing Kehui Testing Co., Ltd. and the sampling was completed by LA-ICP-MS multi receiver plasma mass spectrometry. The laser ablation system was ESI NWR 193nm, and the ICP-MS was analytikjena plasmaquant MS elite ICP-MS. The off-line processing of analytical data (including the selection of samples and blank signals, calibration of instrument sensitivity drift, calculation of element content, U-Th-Pb isotope ratio and age) was completed by software icpmsdata cal.

2、Keywords

Theme：Rocks/Minerals,bedrock lighology,Geochemistry,Tectonics,Suture belt,Ziron U-Pb dating
Discipline：Solid earth
Places：Lhasa Terrane
Time：Jurassic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.113MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：32.0 | - |
| west：88.0 | - | east：91.0 |
| - | south：29.0 | - |

5、Time frame:None--None

6、Reference method

References to data:

ZHAI Qingguo. Zircon U-Pb dating of basic rocks in ophiolites from rencuo area, zangbeihu District, Qinghai Tibet Plateau. A Big Earth Data Platform for Three Poles, doi:10.11888/Geo.tpdc.2714312021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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