A Big Earth Data Platform for Three Poles

**Electron microprobe analysis of tourmaline granite in cuonadong dome of Himalayan dome belt**

1、Description

Electron microprobe data analysis of tourmaline in tourmaline leucogranite of cuonadong dome in North Himalayan dome belt
Data source and processing: EPMA testing, testing laboratory: EPMA laboratory, Key Laboratory of orogenic belt and crustal evolution, Ministry of education, Peking University; The element abundance of tourmaline in the probe slice was measured;
Data quality: element abundance error < 0.1%
Application of the data in the future: analysis of the source areas of leucogranite and their differences, and discussion of the transformation of fluid action.

2、Keywords

Theme：Dome,Rocks/Minerals,Geochemistry,EPMA,Tectonics,granite
Discipline：Solid earth
Places：North Himalayan Dome Zone, Cuonadong dome
Time：Miocene

3、Data details

1.Scale：None

2.Projection：

3.Filesize：2.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：30.4 | - |
| west：81.1 | - | east：92.0 |
| - | south：28.12 | - |

5、Time frame:2020-06-03 16:00:00+00:00--2020-06-03 16:00:00+00:00

6、Reference method

References to data:

ZHANG Jinjiang. Electron microprobe analysis of tourmaline granite in cuonadong dome of Himalayan dome belt. A Big Earth Data Platform for Three Poles, doi:10.11888/Geo.tpdc.2714512021

References to articles:

7、Supporting project information

Second Tibetan Plateau Scientific Expedition Program

8、Data resource provider

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