A Big Earth Data Platform for Three Poles

**Early Jurassic LA-ICP-MS data set in Hailar basin (190-180Ma)**

1、Description

This data belongs to U-Pb geochronology data of Hailaer Basin in eastern China, including Pb, 232Th, 238U contents, 207Pb / 206Pb, 207Pb / 235U, 206Pb / 238U ratios and errors, 207Pb / 235U, 206Pb / 238U ages and errors, etc. The data belongs to LA-ICP-MS data, and the precision and accuracy meet the research requirements. The results of geochronology data play an important role in the establishment of Mesozoic stratigraphic framework in Hailaer basin, which lays a good foundation for the Mesozoic tectonic evolution and basin analysis in this area, and has a good application prospect.

2、Keywords

Theme：Tectonics,Geologic Hazard
Discipline：Solid earth
Places：Hailar
Time：Mesozoic

3、Data details

1.Scale：None

2.Projection：

3.Filesize：2.0MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：50.0 | - |
| west：115.0 | - | east：125.0 |
| - | south：40.0 | - |

5、Time frame:2021-05-31 16:00:00+00:00--2021-07-31 03:59:59+00:00

6、Reference method

References to data:

ZHU Jichang. Early Jurassic LA-ICP-MS data set in Hailar basin (190-180Ma). A Big Earth Data Platform for Three Poles, doi:10.11888/Geo.tpdc.2715402021

References to articles:

Zhu, J.C., Meng, Q.R., Feng, Y.L., Yuan, H.Q., Wu, F.C., Wu, H.B., Wu, G.L.,& Zhu, R.X.(2020). Decoding stratigraphic evolution of the Hailar Basin: Implications for the late Mesozoic tectonics of NE China. Geologica Jounal, 55, 1750-1762.

7、Supporting project information

Deep processes and resource effects of major geological events during the Yan Mountains period

8、Data resource provider

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