A Big Earth Data Platform for Three Poles

**Prospecting targets of Zhaxikang ore distric**

1、Description

Based on the anatomy of the fine structure of Zhaxikang deposit, through systematic structural analysis, geophysical exploration and interpretation, combined with the shallow geochemical characteristics, the comprehensive geological geochemical geophysical exploration model and prediction index system of zhaxikang deposit are used to carry out mineral prediction, and one deep prospecting target area near zhaxikang line 54 is delineated. The deep target area of Qingmuzhu is located in the northwest of Cuonadong Xianglin area. Based on the information of geology, geochemistry and Geophysics, a beryllium tin tungsten polymetallic prospecting target area is delineated in the deep part of Qingmuzhu area. Geochemical characteristics show that there are high cumulative anomalies of lead, zinc, antimony and silver lining values in Qingmuzhu area, indicating that there are low-temperature element anomalies such as lead and zinc in this area. At the same time, the geological mapping work found several NE trending fault fracture zones on the surface of Qingmuzhu, with a width of 1-5m, filled with quartz, iron manganese carbonate and metal sulfide, indicating that there is a vein shaped lead-zinc antimony polymetallic mineralization controlled by the fault in qingmuzhu, which has similar metallogenic characteristics to Zhaxikang lead-zinc polymetallic deposit. According to the cuonadong dome extension zone, it extends northwestward and just reaches the deep part of Qingmuzhu area.

2、Keywords

Theme：orogeny,lead-zinc ore,Rocks/Minerals,Formation,tectonic rock zones,Tectonics  
Discipline：Solid earth  
Places：Southern Tibet  
Time：2018-2022

3、Data details

1.Scale：None

2.Projection：

3.Filesize：1.2MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：31.0 | - |
| west：89.0 | - | east：91.0 |
| - | south：27.0 | - |

5、Time frame:2018-08-31 16:00:00+00:00--2022-02-09 16:00:00+00:00

6、Reference method

References to data:

ZHANG Linkui. Prospecting targets of Zhaxikang ore distric. A Big Earth Data Platform for Three Poles, doi:10.11888/SolidEar.tpdc.2721122022

References to articles:

7、Supporting project information

National Key R&D Program of China（2018YFC0604103）

8、Data resource provider

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