A Big Earth Data Platform for Three Poles

**Permeability and permeability stability test data of soil materials with different dry densities**

1、Description

Data content: permeability and permeability stability test data of soil materials with different dry densities
Data source: the test data orginated from each piezometer, osmometer, stopwatch and measuring cylinder. All instruments are submitted for inspection every year.
Collection location and method: seepage Laboratory of Chinese Academy of Water Sciences. Test the dry density according to the gradation and sample preparation thickness.
Collection time: August 1, 2020 to August 20, 2020
Data quality description: through the permeability and permeability stability test of piping soil material under different density and grading, the data content includes seepage flow, water head and time. The test data come from various pressure measuring tubes, osmometers, stopwatches and measuring cylinders, which were submitted for inspection every year.

2、Keywords

Theme：Natural Disaster,Disaster
Discipline：Human-nature Relationship
Places：Seepage Laboratory of Chinese Academy of Water Sciences
Time：2020

3、Data details

1.Scale：None

2.Projection：

3.Filesize：0.01MB

4.Data format：None

4、Space scope

|  |  |  |
| --- | --- | --- |
| - | north：0.0 | - |
| west：0.0 | - | east：0.0 |
| - | south：0.0 | - |

5、Time frame:2020-07-31 16:00:00+00:00--2020-08-20 03:59:59+00:00

6、Reference method

References to data:

XIE Dingsong . Permeability and permeability stability test data of soil materials with different dry densities. A Big Earth Data Platform for Three Poles, doi:10.11888/HumanNat.tpdc.2720492022

References to articles:

7、Supporting project information

Catastrophic mechanisms and risk control of disastrous landslides in the Tibetan Plateau

8、Data resource provider

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