

Collapsible loess for photovoltaic support foundation



Overview

The mathematical models of lateral displacement, vertical displacement, and pore water pressure of a collapsible loess foundation with vertical depth, radial distance, and saturation under rectangular load are provided.

[AI+3]PNEYBMLMFCGWSK-UHFFFAOYSA-N0. 000description1 The invention relates to the technical field of foundation pit support equipment; a collapsible loess foundation pit anti-slip and fused lead-melted aluminum plate structure support pile comprises an outer pile pipe, an outer pile pipe connected to. A series of tests and studies were carried out on the parameters and effects of dynamic compaction (DC) for the deep and thick collapsible loess foundation under superhigh fill in the Lishi area, Shanxi Province, China. A series of problems caused by its structural characteristics will affect the quality of foundation construction. Therefore, construction enterprises need to deeply study the foundation treatment measures of collapsible loess. Solar Foundation Piles are spiral shaped steel pipes that have either plates or holes to which the solar panel brackets can be attached or sometimes even holes are drilled into the end of the.

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[Field test study on dynamic compaction in treatment of a deep](#)

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[Compacting Effect Study on the Treatment of Collapsible Loess](#)

The compaction effect of loess particles and different SDDC parameters on collapsible loess foundation is simulated by the discrete element method (DEM) based on particle flow PFC ...



[Experimental study on collapsible and structural characteristics of](#)

The shear test, consolidation test and collapsibility test of artificially prepared loess and undisturbed loess were carried out.



[Influence of Collapsible Loess on Foundation and its Treatment ...](#)

Collapsible loess is widely distributed in Northwest and Northeast China. A series of problems caused by its structural characteristics will affect the quality of foundation construction. Therefore, construction ...



114KWh ESS



CN111042105B

The method of condensation after the metal material penetrates into the soil gap realizes the support and reinforcement effect close to the reinforced soil, and effectively improves the safety of

Evaluation of collapsible deformation of foundation under rectangular

The mathematical models of lateral displacement, vertical displacement, and pore water pressure of a collapsible loess foundation with vertical depth, radial distance, and saturation under ...



TREATMENT OF COLLAPSIBLE LOESS FOUNDATION

What does photovoltaic pile foundation support mean This process involves applying a controlled load to the pile and measuring its response, ensuring that the foundation is capable of supporting the solar ...

CE UN38.3 MSDS



[Treatment of collapsible loess foundation](#)

For the difficulties encountered in the treatment of collapsible loess foundation, a systematic and comprehensive analysis is made to deal with the measures. The application is introduced from ...



[A new method for evaluating loess collapsibility and its application](#)

Collapsibility affects loess engineering stability. Currently, there are two methods used to determine the collapsibility of loess: the traditional indoor collapsibility test (indoor test) method and ...

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