

عنوان مقاله:

Effects of Amount of Clay on Undrained Behavior of clayey sands Under Isotropic Consolidation compression
.Stresses by means of undrained monotonic triaxial tests

محل انتشار:

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خلاصه مقاله:

The effects of the amount of clay on the undrained behaviour of clayey sands under undrained compression monotonic tests are presented in this paper. A series of undrained triaxial tests were performed on Firoozkuh sand with various clay contents (Kaolinit with $PI=12$) under isotropic consolidation stress in order to investigate the undrained behaviour of clayey sands. The sand specimens had clay contents ranging from 0% to 30%. It was observed that the strength of specimens, in compression tests, decreases by increasing the clay content up to 30%

کلمات کلیدی:

firoozkooh sand, monotonic triaxial test, isotropic consolidation stress ,clay,undrained behaviour

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