



## **COMPACTION TEST ON COAL WASTES FILLED AS CONSTRUCTION MATERIAL IN THE SITES WITH HIGH UNDERGROUND WATER**

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### **ABSTRACT**

The coal wastes have a characteristic that they will swell after absorbed the water so that the load bearing intensity will decrease, which is harmful to construction utility. The test aims to get the corresponding relations among the compaction height, carrying capacity, the soaking time, the depth of the underground water and so on. On the basis of the test, the paper presents some experimental formulas which can be used to estimate the loading capacity of the coal wastes in the different conditions of underground water table.

**Key words:** coal wastes, compaction, construction material, test.