DETERMINING THE IDEAL FILL MATERIAL TO BE USED IN SOIL COMPACTION

by

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Project Report

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SUMMARY

The objectives of this project were to:

(1) To determine the ideal fill material to be used in soil compaction.
(2) To explain why compaction of soil is of importance.
(3) To comment on the different methods of compaction of soils with special emphasis on Cyprus practices.

In order to carry out the objectives, experiments were carried out on different types of soil samples, determining the grading, optimum water content and the corresponding maximum dry density.

From the results it can be concluded that the ideal fill material to be used in soil compaction is described as well-graded material with some clay.

CONTENT

CHAPTER