

EFFECTS OF ROOT REINFORCEMENT ON SLOPE STABILITY

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ABSTRACT

Basically, this project is about how the root a plant can reinforce the slope. This is also known as 'root reinforcement'. There are two types of root reinforcement:-

- Vertical root reinforcement
- Inclined root reinforcement

In this project, I will discuss on the theory and field and laboratory test behind root reinforcement. There are some tables and graphs, which I used in my analysis and research to achieve the desired results.

Generally, root reinforcement is the process of reinforcing the slope by using the roots of plants. It involves transferring of the shear stress in the soils to the tensile resistance of the roots.