

Design of Foundation for Various Soil Samples

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Abstract: *This project presents an overview of the analysis of the soil and its characteristics such as bearing capacity of soil and calculation of bearing capacity of soil different field test such as SPT, DCPT and PLT. These are very useful to determine the bearing capacity of soil in cohesionless soil as well as cohesive soil. While excavating soil for performing of PLT it give brief idea about the soil such as type and nature of soil texture of soil, consistency of soil, Make a program using VBA coding to calculate the bearing capacity of the soil at the different water level and results are verified from solved examples. Various inputs that have been taken from user are: - length, breadth, depth of footing, etc.*

Keywords: analysis of the soil

