

Geotechnical Engineering

Lab Experiments:

1. Atterberg's limits
2. Field density- core cutter and sand replacement method.
3. Grain size analysis.
4. Permeability of soil, constant head test.
5. Permeability of soil variable head test.
6. Compaction test.
7. C.B.R test.
8. Consolidation test.
9. Unconfined compression test.
10. Triaxial compression test.
11. Direct shear test.
12. Vane shear test.
13. Differential free Swell Index
14. Specific Gravity of Soil