

GEOTECHNICAL ENGINEERING LABORATORY



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LIST OF EQUIPMENT:

1. Grain size analysis Automatic sieve shaker
2. Rapid moisture meter
3. Pycnometer/density bottle
4. Hydrometer
5. Liquid limit apparatus
6. Plastic limit apparatus
7. Shrinkage limit apparatus
8. Sand replacement method
9. Core cutter method
10. Permeability test by Constant and falling head method
11. Heavy and Light proctor compaction
12. Consolidation test
13. Direct shear test
14. Vane shear test
15. Unconfined compressive strength machine
16. Triaxial compression machine
17. California Bearing Ratio machine
18. Density index/Relative density machine
19. Soil sample extractor
20. Hot air oven
21. Soil grinder (crushing)