

SOIL MECHANICS LABORATORY

Exercise 1. Introduction

Exercise 2. Visual classification of soils according to PN-86/B-02480

Exercise 3. Visual classification of soils according to PN-EN ISO 14688

Exercise 4. Sieve analysis

Exercise 5. Hydrometer analysis

Exercise 6. Physical characteristics of soil

Exercise 7. Relative density of non-cohesive soils

Exercise 8. Soil consistency and Atterberg limits

Exercise 9. Optimum moisture content (Proctor test)

Exercise 10. Hydraulic conductivity test

Exercise 11. Consolidation test (Oedometer)

Exercise 12. Oedometer collapse test

Exercise 13. Direct shear test

Exercise 14. Triaxial test

Exercise 15. Course summary