

Figure 2.1 Rock cycle.

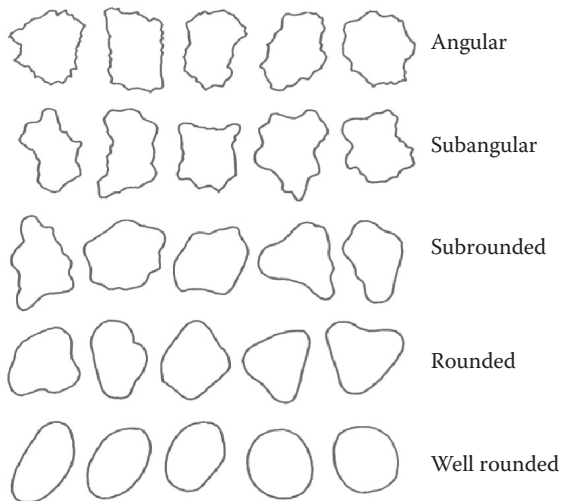


Figure 2.2 Soil's angularity. (Müller, G., 1967, *Methods in Sedimentary Petrology*, Hafner.)

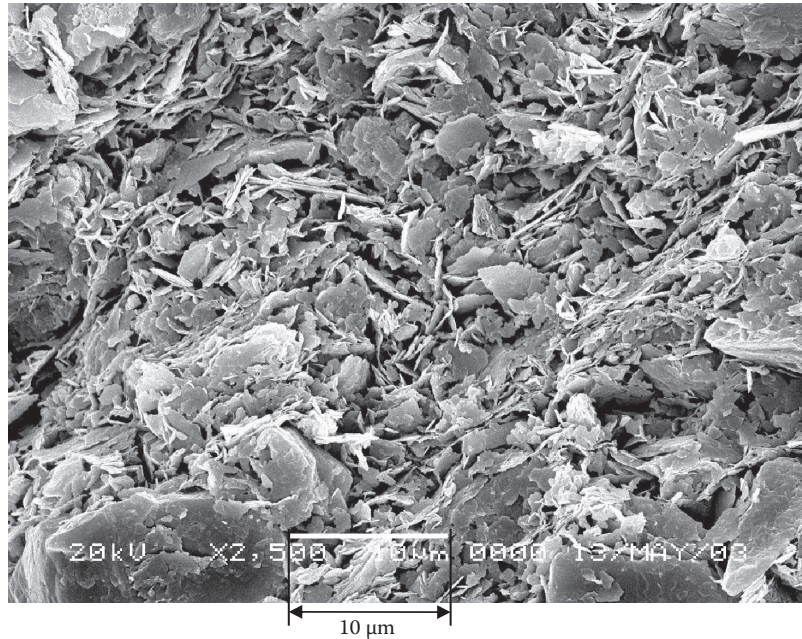


Figure 2.3 Scanned electron microscope (SEM) picture of clay particle assembly (Hai-Phong, Vietnam, clay: 50% kaolinite and 50% illite). (*Watabe, Y., Tanaka, M., and Takemura, J., 2004, Proceedings of the 2nd International Conference on Site Characterization, Porto, 1765–1772.*)

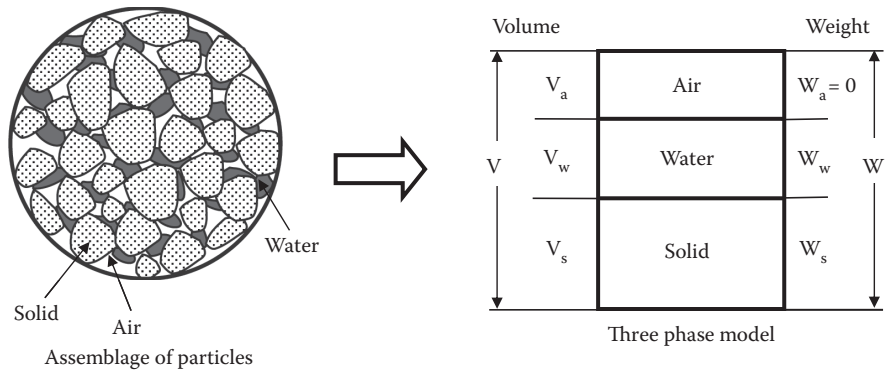


Figure 2.4 Three-phase diagram of soil.

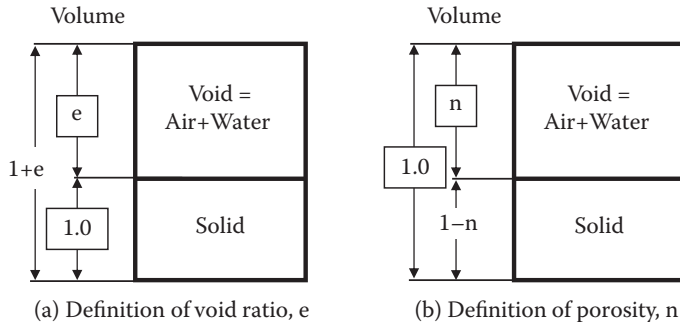


Figure 2.5 Relationship between porosity, n and void ratio, e .

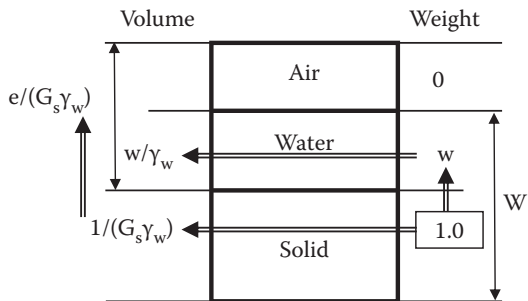


Figure 2.6 Exercise 2.1.

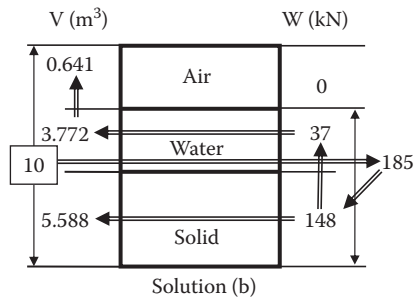
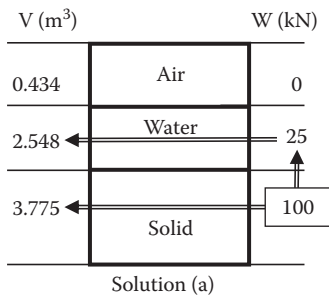


Figure 2.7 Exercise 2.2.

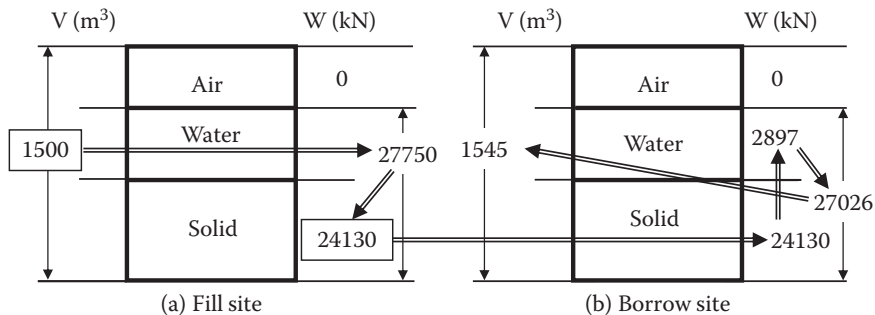


Figure 2.8 Exercise 2.3.

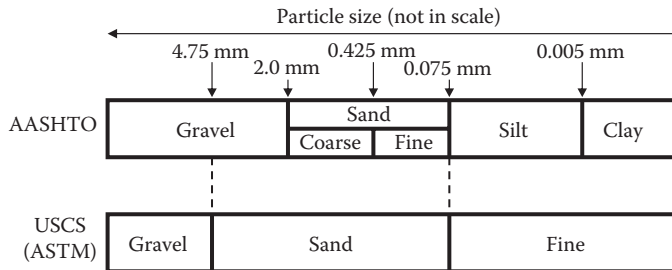


Figure 2.9 Soil names with grain sizes.

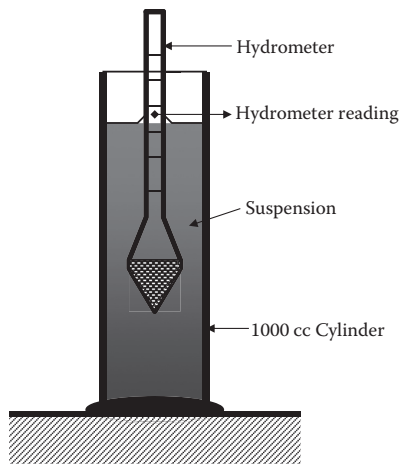


Figure 2.10 Hydrometer test setup.

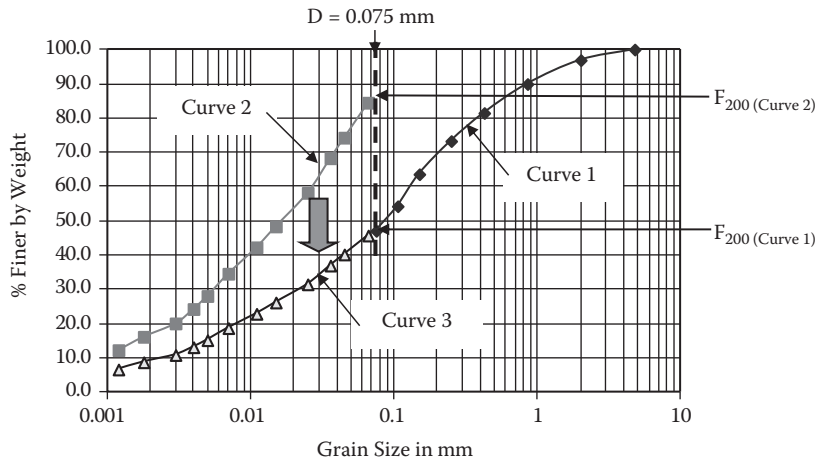


Figure 2.11 Combined grain size analysis.

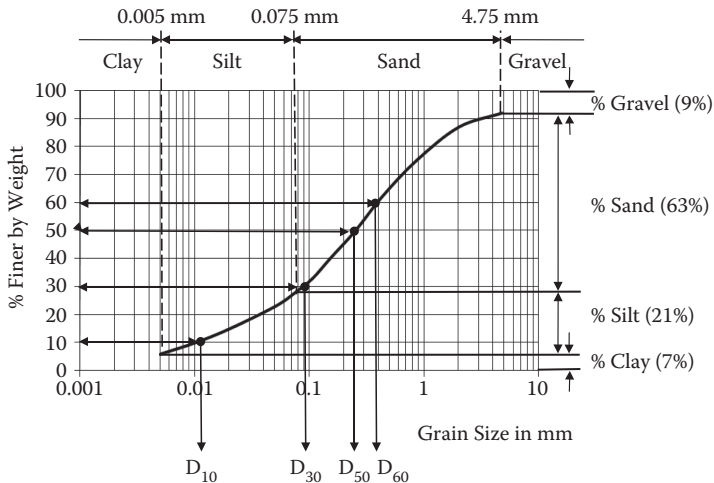


Figure 2.12 Grain size distribution curve.

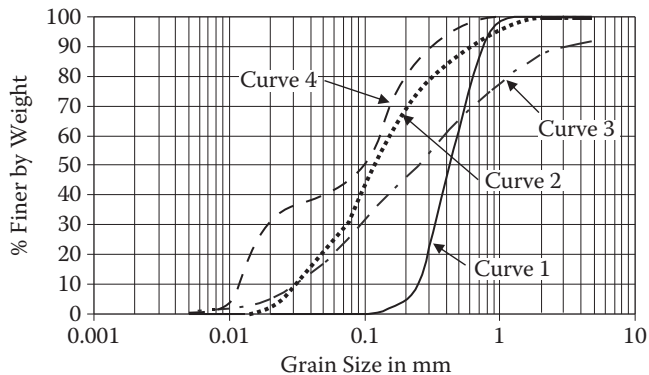


Figure 2.13 Various grain size distribution curves.