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6.4 Soil and rock sampling 164 6.5 Groundwater measurements 170 6.6 Field tests in soil and rock 172 6.7 Geotechnical reports 179 7 Lateral Earth Pressure 183. 7.1 Earth pressure at rest 183 7.2 Active and passive earth pressure 183 7.3 Rankine's theory: granular soils, active earth pressure 185

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The permeability of a soil depends primarily on the size and shape of the soil grains, the void ratio of the soil, the shape and arrangement of the voids, and the degree of saturation. Permeability computed based on Darcy's law is limited to the conditions of laminar flow and complete saturation of the voids.

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Plot Mohr circle: t (kPa ...

Chapter 3 Solutions to Exercises

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Soil mechanics is a branch of soil physics and applied mechanics that describes the behavior of soils.It differs from fluid mechanics and solid mechanics in the sense that soils consist of a heterogeneous mixture of fluids (usually air and water) and particles (usually clay, silt, sand, and gravel) but soil may also contain organic solids and other matter.

Soil mechanics - Wikipedia

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