

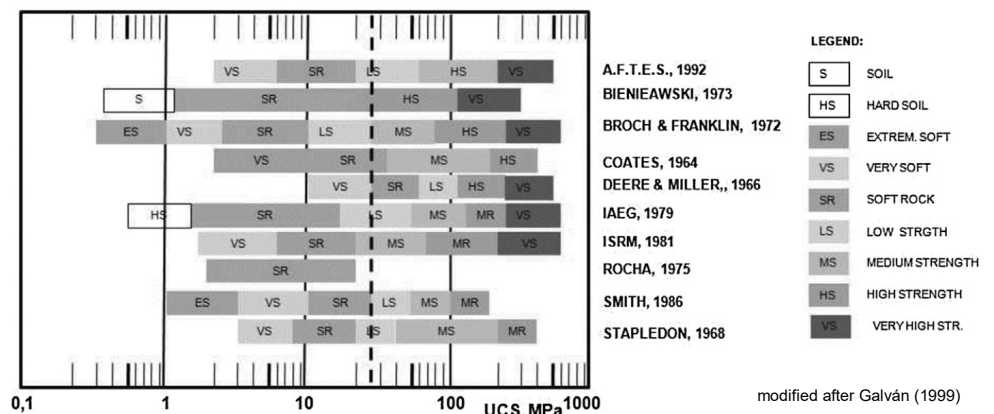
Master's Projekt (MP, 5ECTS)

FMT

Working title Hard Soil – Soft Rock literature study

Description

Many engineering problems in geotechnics can be linked to excavations in hard soils or soft rocks. Challenges already arise within the characterization of the material in situ, which is fundamental for all (numerical) calculations. Incomplete descriptions of the composite, its constituents and the material behavior, or the use of unsuitable characterization methods, eventually result in an inadequate design. Nevertheless, there is a lack of up-to-date information regarding the material properties of the transition between soil and rock.



The aim of this project is to find and summarize ground properties regarding hard soil and soft rock and to outline the boundary considering current literature.

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