

Working title

Experiences gained with regard to explorations of long, deep-seated tunnels

Project objectives

How many exploratory boreholes are necessary in the course of long, deep seated (base-)tunnels? Which insitu and laboratory tests are carried out as standard? How are the explorations distributed between the different project phases? The work focuses on the collection of data based on the experience gained in the construction of deep-seated tunnels in the Alpine region. The data will be systematically analyzed and the results of the different tunnel constructions will be compared.

Student has enthusiasm for

Rock mechanics, Investigation phases, statistical evaluations, literature research

Requirements on student

Basic master courses GHE completed.

Start (earliest / latest)

2024

Project term (min. / max.)

6 – 12 months

Coop. with external institution

BBT

Contact person

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