

## **Abstract**

This bachelor's thesis follows up engineering-geology of characteristics of the Prague metro line C. Description of the construction history and of the main methods used in the construction of tunnels and stations. The effort was also evaluate the content and scope of engeneering-geology research for the preparation of constructions in various stages of construction. Special attention is focused on unusual parts of the construction, where exceptional or in the Czech Republic non-standard construction approaches were used. This work summarizes the historical engeneering-geology experience with the construction of line C, which can be used in the preparation of the project of metro line D, whose line runs partly in parallel and in similar geological conditions as line C.

Key words: metro, terrace