

## **Abstract**

The topic of this MSc Thesis is the occurrence and properties of holocene soils with organic admixture in the surroundings of Vodičkova street in Prague 1 – New Town. These sediments were encountered above the level of the a service tunnel during its construction Centrum I.A Vodičkova street. Some older geological and historical references about these sediments and their distribution in the centre of Prague exists, but they have not been mapped and investigated in details yet. The work contains literature review research of geologic literature, results of performed laboratory tests on soil with organic admixture (compressibility, shear strength, organic matter content, humidity, designation and description), map of engineering geological conditions at the scale of 1:1000, map of documentation points at the scale of 1:1000, geological longitudinal sections of Školská street and V Jámě street at the scale of 1:200, list of the new documentation points.