

ABSTRACT

Bachelor thesis deals with the sediments of river terraces in Prague, Albertov. On these sediments from the deep drill hole J6 in campus Albertov area I made eight grain measurements, processed grain curves and normatively classified terrace soils with classes S1, S2, S3 and F3, F4. They are sandy soils partly containing fine gravel or fine fraction admixture.

I also performed the grain analysis on soils 1,5m deep in near morphological distance from the drill hole on which bases I searched for analogy between sediments on campus Albertov building site. They are recent soils of local and foreign digged material. In documented terrace material with S2 character was observed that with content of fine-grained fraction under ca. 5% the increase of the proportion of fine-grained admixture elevates the angle of sands natural slope.