

Abstract

The aim of my thesis was the reinterpretation of data and the subsequent balance of pollution in the saturated and unsaturated zone of the location Šrouby Krupka. All the data related to the pollution by chlorinated and petroleum hydrocarbons in this area were re-reviewed by using the reinterpretation of the data. Furthermore, I pointed out and explained possible differences between my findings and the findings of other papers. The data were reinterpreted by means of statistical analysis, especially by using box graphs and cluster analysis. The whole reinterpretation of the data served as a very good basis for creating the balance of contaminants in the saturated and unsaturated zone. The results show that the unsaturated zone is primarily contaminated. The greatest pollution of the area is caused by petroleum hydrocarbons.