



## **Impact of Trepça Mine Activity on Stan Tërg Wells**

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**Abstract:** The purpose of this study is waters contamination with heavy metals and toxic, we meet in the drinking wells where the inhabitants are at risk of these become their analysis and found water contamination. In this paper we take the samples and we make the define of pollution as a result of geological formation where drainage waters pass through an ore zone. In this paper will examine samples taken at 3 monitoring points which are obtained samples are made more specifically water pollution tests on the presence of Lead; Zinc and Iron. Trepca town region exactly Sinani area where are focused this research is located in the northern part of the town of Trepca at a distance of 2 km. The work was focused into two main phases, such as: 1- Field sampling method - for analyzing water wells for drinking water. 2- Laboratory methods - determination of chemical properties of water (filtration samples, mineralization and ICP reading). After all this analyzes show that diagrams, which will present visually for the presence of heavy metals in these villages and the scale of pollution of the waters of the geological environment?

**Keywords:** *Heavy metals, Hidrogeology, Pollution, Laboratory analysis, ICP*

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