



## **Geological -Engineering Research at the Location Designated for the Repair of Excavators Rotor E-10 SRs**

Hysen Ahmeti<sup>1,\*</sup>, Avdulla Krasniqi<sup>2</sup>

<sup>1</sup>*Engineering Department-Coal Department-KEK, Kastriot Republic of Kosovo; Prishtina*

<sup>2</sup>*Institute INKOS –Prishtina*

*Received October 01, 2010; Accepted December 29, 2010*

---

**Abstract:** Surface exploitation of useful minerals without any doubt represents an easy way of the exploitation with a lower cost in report to the underground exploitation, but very often during the exercise of mineral activity appear problems for intervention and repair of rotor excavators in mines. According to the requirements of the company are done additional researches inside the mine as in the aspect geological-engineering basing lit logical description of the drilling, and getting of samples for laboratorial analyses which will be done with equipments of the most sophisticated technology with two tests, beginning from the tri axial test and direct shearing considering even statistical processing for obtaining more real parameters in the location wherein the excavators will be placed for their repair from the technological and geotechnical aspect. In this context this work has to do with problems of this field which are occurred as a sequence of deformation (the damage of bearings, change of engines, lubrication against corrosion etc.)

**Key words:** *research, location, reparation, excavators, settlement*

---

---

\*Corresponding: E-Mail: [hysenahmeti68@hotmail.com](mailto:hysenahmeti68@hotmail.com);