



## **The Exploitation of the Coal in the Mine of Sibovc Basing on the Drilling Done by Geotechnical Aspect**

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**Abstract:** Considering great demands for the energy as inside also outside Kosovo, it is very necessary to open the mine of Sibovc for coal exploitation, for existing thermo-plants, as well as for those which will be built in future in order to have a stable economic development. The exploitation of the coal in surface mines especially in our mines it is a problem that requires professional and scientific approach, since not recognizing this problem often has resulted with sequences in the term of material. In this context, thankfully to the technological revolution, today is possible to use a range of methods for the slope stability calculations. We use these methods, too, mainly for the purpose of defining geotechnical safety at the border slope systems as well as at the advance slope systems. Taking into account all geological-engineering data, including tectonic movements, surface and underground water, seismic factors etc. Today there are a lot of contemporary approaches, development and improvement of which enable input of all geological-engineering data (geo mechanical parameters) in order to analyze and design slopes in generally.

**Key words:** exploitation, methods, drillings, geotechnical security

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