



Specification of Land Stability for Construction of Bridge on the River Sitnica

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Abstract: The surface mines Bardh and Mirash have a long history of the development and exploitation dated since 1922. Mines in many cases were activated and exploit in very difficult conditions beginning from the underground gallery in order to achieve objectives of researches in production. One of the main factors has been road infrastructure, the presence of carbon dioxide in underground coal mines, the security in geo technical aspect, underground waters, air conditioning of mines etc. Therefore with the advance of technology nowadays there are created conditions for exploitation of the coal in surface mines in the open sky, by creating conditions for constructing the road infrastructure as the construction of bridge on the river Sitnica for transporting of equipments and employees to the mines and via versa, that represent a high geo technical security with a great economical and practical importance for exploitation of coal as with road transport as well through transport conveyer.

Key words: *Land stability, construction, bridge*

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