

VYUŽITÍ MAGNETICKÉ SUSCEPTIBILITY PŘI MONITOROVÁNÍ ŽIVOTNÍHO PROSTŘEDÍ

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ABSTRACT

Čurda S. **Application of Magnetic Susceptibility for Monitoring of Environment**

Locality Ak-Tyuz (Kyrgyzstan) represents old ecological load originated by mining activity. Besides negative influence of mining industry there is important impact of environmental disaster in 1964. This event caused important contamination in the valley Kici-Kemin downstream of mineral dressing factory. In the present time there are attempts to solve these consequences of mining. In the first rate it is necessary to determine the total area of contamination and to select the area requiring action. One of the possibilities for determination of this area is application of methods using magnetic susceptibility.

Key words: Magnetic susceptibility, Ak-Tyuz