



Problems of reducing exploitation of recoverable mineral reserves in ore districts of Kazakhstan

Azimkhan Kurmankozhaev (1) and Jenyskul Bastaubayeva (2)

(1) Kazakh National Technical University, Kazakhstan (kurmankozhaev_a@mail.ru), (2) Kazakh National Technical University, Kazakhstan (kzjenis@mail.ru)

The goal of the contribution is to demonstrate different views on effects caused by reducing exploitation of recoverable mineral reserves in many ore districts of Kazakhstan in the post-soviet period. Significant unfavourable conditions appear as a result of the decreasing mines production.

Results of a scientific solution of this serious problem are presented. They are based on progressive concepts of using mineral resources and on newly developed conditions for geologically, technically and geoethically qualified standards referring to the exploitation and extraction technology.

Integrating the application of advanced scientific and industrial innovations with exploitation systems controlled by the market development can be considered as the most characteristic feature of the described approach and concluding solution. In this way the effectiveness of the industrial exploitation of mineral resources under given conditions is being ensured.