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Key words: magnetic separation, flotation, nickel concentrate.

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Key words: copper-nickel ore, ore concentration tailings, platinum-group metals, pyrrhotine flotation, slurry, hydrophobic flocculation.

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Key words: machine for the excavation works, the mining and metallurgical and technological processes, the basic design and technological parameters, efficiency, competitiveness, General engineering.

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Key words: rare metals, rare-earth elements (REE), extraction technologies, mineral and raw material basis.

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Key words: electric impulses, electrohydraulic blow, duration of 10 ns, processing of a waste, sulphatic and hydrosulphuric decomposition sulfides.

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Key words: well, the utilization rate of the hole, the explosive charge, destruction, crack.

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Key words: integrated management system, integrated process and project management approach, management valuation, performance efficiency.

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Key words: market structure, perfect structure, imperfect structure, limiting income, price of clearing combines, volume of release of clearing combines, manufacturer.

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Key words: coal mines, within a holding lending, mine.

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In this article the problem of a waste of the coal-mining industry on an example of East Donbass is considered. Characteristics of formation of a coal waste are analyzed. On the basis of the carried-out research by the author research the basic technological directions of realization of processes of coal mining for decrease in negative impact of underground mining works on environment are defined.

Key words: coal mining, environment, waste.

Tarasenko I.A., Zinkov A.V. ESTIMATION OF ECOLOGICAL SAFETY GROUNDWATER BASIN AT CLOSURE OF COAL MINE OF PRIMORSKI KRAI (BY THE EXAMPLE OF MINE «LIPOVESTHKY»).....

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The estimation of ecological safety of Groundwater basin in area of liquidated mine lipovesthky is executed. Hydrogeochemical features of underground waters are considered. It is established, that after flooding mine in a mining file were generated man-caused waters which differ from natural waters ionic type and a chemical compound. The waters of mine possess the mineralization raised in comparison with natural waters, rigidity, sulfates and contain in the structure components (iron, manganese, phenols, mineral oil and others) in the quantities exceeding maximum-permissible concentration. Hydrogeochemical water pollution survey have shown, that outside claim water drainage of the watersealed coal mine do not render ecological influence.

Key words: the liquidated mine, underground water pool, ecological safety.

Trushina G.S., Shipachev M.S. ROLE OF ECOLOGICAL MANAGEMENT AND QUALITY MANAGEMENT IN NATURE PROTECTION ACTIVITY OF THE ENTERPRISES (ON THE EXAMPLE OF THE COAL-MINING ENTERPRISES OF KUZBAS).....

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In article the role of ecological management and a quality management in improvement of nature protection activity of the coal enterprises on an example of Kuzbas is shown.

Key words: ecological management, nature protection activity.

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Key words: mining enterprise, a mineral Deposit, the rocks, geographic information systems, space-attributive information, rock shock, sudden burst of mining weight and gas, diskrit.

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Key words: energy saving technologies; investment project; ore-dressing enterprises.

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