



Title: BOOKS ON MINING ENGINEERING

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BOOKS ON MINING ENGINEERING

Bontidanov, L. Milling Machine for cutting Ties in Buntens of Shafts. Moscow, 1947, 3 pp. with illustrations (Ministerstva stroitel'stva toplivnykh predpriyatiy SSSR)

Primary measure for mechanizing the process of shaft reinforcement. Description of the machine. Experimental application in the "Kadiyevka" mine increased efficiency 10 times in comparison to manual cutting.

Kobishchanov, M. A. Machine Packing of Exhausted Space. Moscow, 1948, 27 pp., illustrated (Ministerstvo ugol'noy promyshlennosti vostochnykh rayonov SSSR).

Experiment of mining the thick sloping coal seams with employment of throwing filling machines. Comparison of this method with other mechanized methods of packing.

Popov, G. N. Mining Mineral Deposits. Moscow, Gosgeolizdat, 1947, 328 pp., illustrated, bibliography.

Problems of mining coal seams, ore deposits and placers by underground and open methods. Mine geology. The book is a textbook for higher technical schools.

Sheshko, Ye. F. Problems of the Technology of Open-Pit Coal Mining. Moscow-Leningrad, Ugletekhizdat, 1948, 68 pp.

Conditions for efficient employment of multibucket excavators and other machines of continuous action in coal pits. Data on exploration, drainage of coal field, studying the stability of grounds, maintaining terraces

- 1 -

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and excavation benches. Conditions for efficient technology of open-pit operations, methods of exposing and excavating brown coal fields.

Shevyakov, L. D., Bredikhin, A. N. Mine Drainage. (Textbook for mining institutes), Moscow-Leningrad, Ugletkhizdat, 1947, 207 pp.

Ksenofontova A. I., Voropayev, A. F. Ventilation of Blind Drifts in Mines (Calculation and selection of equipment), Moscow-Leningrad, Ugletkhizdat, 1947, 120 pp., illustrated, bibliography.

Recent methods and means for ventilation of blind ends. Methods for calculating the amount of air required for ventilating blind drifts and losses of air during its delivery to headings. The book is designated for engineers and students of mining institutes.

Instruments and Apparatus for Complex Automatization in Coal Mines. Moscow-Leningrad, Ugletkhizdat, 1948, 45 pp.

Series of articles describing instruments and apparatus developed and constructed in the All-Union Coal Institute.

Romanov, V. S. Application of Cumulative Elast Charges in Mining. Krivoy Rog, 1947, 12 pp., illustrated (Ministerstvo chernoy metallurgii SSSR, NIGRI, Tekhnicheskaya listovka No 1).

Method of blasting with cumulative charges developed by the Scientific-Research Ore Mining Institute.

Dubrov, Ya. G. First Aid Underground. Manual for foreman, supervisors and mass training of workman, Moscow, Medgiz, 1948, 32 pp., illustrated.

How Miner May Avoid Injury. Moscow, Ugletkhizdat Zapaduglya, 1947, 7 pp. (Institute of Sanitary Education, Ministry of Public Health, USSR).

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Composition and Quality of Coals

Vasil'yev, N. V. Transportation Devices of Beneficiation Plants. Moscow, Ugletekhizdat Zapaduglya, 1947, 105 pp., illustrated, bibliography.

Instruction for establishing projects for quality standards of coals, Moscow, 1947, 32 pp., illustrated (Ministerstvo ugol'noy promyshlennosti vostochnykh rayonov SSSR).

[The above books are not available in CIA.]

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- 3 -

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