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SURFACE MINING METHODS AND EQUIPMENT J. Yamatomi and S. Okubo University of Tokyo, Japan
Keywords: Mining method, surface mining, open pit mining, open cast mining, placer mining, solution mining, leaching, stripping ratio, mining machinery, excavation, cutting, grading, loading, ditching Contents 1. Surface Mining Methods

Surface Mining Methods and Equipment

Protecting surface and underground mining equipment against fires can be challenging. Virtually all of the mobile equipment used in mining operations contains large quantities of highly flammable diesel fuel, lubricating oils, and hydraulic fluids. The energized electrical equipment used in mining operations also presents an elevated fire risk.

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Mining Machinery and Mineral Processing Equipment

machinery such as boomheaders, coal cutters, continuous miners and shearers. 1. Underground Mining Methods 1.1. Classification of Underground Mining Methods Mineral production in which all extracting operations are conducted beneath the ground surface is termed underground mining. Underground mining methods are usually

Underground Mining Methods and Equipment

1.1 PHASES OF A MINING PROJECT There are different phases of a mining project, beginning with mineral ore exploration and ending with the post-closure period. What ... provide heavy equipment and supplies to the mine site or to ship out processed metals and ores, can have substantial environmental impacts, ...

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