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EDITED BY PETER DARLING

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Sme Mining Engineering Handbook

Howard L. Hartman



Sme Mining Engineering Handbook:

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detail the methods and equipment available to achieve efficient predictable and safe rock breaking whether employing a tunnel boring machine for development work mineral extraction using a mobile miner or cast blasting at a surface coal operation Identifying the salient points that dictate which is the safest most efficient and most versatile extraction method to employ as well as describing in detail how each alternative is engineered Discussing the impacts that social and environmental issues have on mining from the pre exploration phase to end of mine issues and beyond and how to manage these two increasingly important factors to the benefit of both the mining companies and other stakeholders *SME Mining Engineering Handbook*, 1973 *SME Mining Engineering Handbook*, 1996 *SME Mining Engineering Handbook* Ivan A. Given, 1973 *SME Mining Engineering Handbook* Howard L. Hartman, 1992 **SME Mining Reference Handbook** Raymond L. Lowrie, 2002 A practical field reference for mining and mineral engineers that is small enough to carry into the field With its comprehensive store of charts graphs tables equations and rules of thumb this handbook is the essential technical reference for mobile mining professionals **SME Mining Engineering Handbook** Arthur B. Cummins, 1973 **SME Mining Engineering Handbook** Arthur B. Cummins, 1973 **SME Mining Engineering Handbook on CD-Rom**, 1998 **SME Mining Reference Handbook, 2nd Edition** Heather N. Dougherty, Andrew P. Schissler, 2020-02-01 The go to resource for professionals in the mining industry The *SME Mining Reference Handbook* was the first concise reference published in the mining field and it quickly became the industry standard It sits on almost every mining engineer's desk or bookshelf with worn pages tabs to find most used equations and personal notes It has been the unequalled single reference and the first source of information for countless engineers This second edition of the *SME Mining Reference Handbook* builds on that success With an enhanced presentation new and updated information is represented in a concise well organized guide of important data for everyday use by engineers and other professionals engaged in mining exploration mineral processing and environmental compliance and reclamation With its exhaustive trove of charts graphs tables equations and guidelines the handbook is the essential technical reference for mobile mining professionals With its exhaustive trove of charts graphs tables equations and guidelines the handbook is the essential technical reference for mobile mining professionals **SME (Society of Mining Engineers) Mining Engineering Handbook** - Cummins AB Ed, 1973 *SME Mining Engineering Reference Handbook* Heather N. Dougherty, Andrew P. Schissler, 2020 **SME (Society of Mining Engineers) Mining Engineering Handbook** - Cummins AB Ed, 1973 *SME Mining Engineering Handbook* Ivan A. Given, 1973 *Introductory Mining Engineering* Howard L. Hartman, Jan M. Mutmansky, 2002-08-09 An introductory text and reference on mining engineering highlighting the latest in mining technology *Introductory Mining Engineering* outlines the role of the mining engineer throughout the life of a mine including prospecting for the deposit determining the site's value developing the mine extracting the mineral values and reclaiming the land afterward This Second Edition is written with a focus on sustainability managing land to meet the economic and environmental needs of the

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Surface Mining Technology
Mostafa Mohamed Ali Elbeblawi, Hassan Ali Abdelhak Elsaghier, Mostafa Tantawy Mohamed Amin, Wael Rashad Elrawy Abdallah, 2021-07-31 This book gives a brief history and a general overview of the state of surface mining technology with topics ranging from the principles to surface mining methods systems and pit planning design It starts with the definition of surface mine and ends with land reclamation and mine closure The following chapters address the basics of mineral economics calculation of stripping ratio exploitation of difficult parts of ore deposits slope stability controlling falls and slides in the surface mines sorts of freight traffic scrapers bulldozers and loaders The book serves as a reference text for mining students engineers and geologists

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