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SME Mining Engineering Handbook Arthur B. Cummins,1973 *SME (Society of Mining Engineers) Mining Engineering Handbook* - Cummins AB Ed,1973 **SME Mining Engineering Handbook** Howard L. Hartman,1992 **SME Mining Engineering Handbook** ,1996 **Open Pit Mine Planning and Design, Two Volume Set & CD-ROM Pack** William A. Hustrulid,Mark Kuchta,Randall K. Martin,2013-07-31 Building on the success of its 2006 predecessor this 3rd edition of *Open Pit Mine Planning and Design* has been both updated and extended ensuring that it remains the most complete and authoritative account of modern open pit mining available Five new chapters on unit operations have been added the revenues and costs chapter has been substantial **SME Mining Engineering Handbook** Peter Darling,2011 This third edition of the *SME Mining Engineering Handbook* reaffirms its international reputation as the handbook of choice for today's practicing mining engineer It distills the body of knowledge that characterizes mining engineering as a disciplinary field and has subsequently helped to inspire and inform generations of mining professionals Virtually all of the information is original content representing the latest information from more than 250 internationally recognized mining industry experts Within the handbook's 115 thought provoking chapters are current topics relevant to today's mining professional Analyzing how the mining and minerals industry will develop over the medium and long term why such changes are inevitable what this will mean in terms of challenges and how they could be managed Explaining the mechanics associated with the multifaceted world of mine and mineral economics from the decisions associated with how best to finance a single piece of high value equipment to the long term cash flow issues associated with mine planning at a mature operation Describing the recent and ongoing technical initiatives and engineering developments in relation to robotics automation acid rock drainage block caving optimization or process dewatering methods Examining in 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 *Design Analysis in Rock Mechanics* William G. Pariseau,2011-09-29 This comprehensive introduction to rock mechanics treats the basics of rock mechanics in a clear and straightforward manner and discusses important design problems in terms of the mechanics of materials This extended second edition includes an additional chapter on Rock Bursts and Bumps a part on Basics Dynamics and has numerous additional examples and exercises throughout the chapters Developed for a complete class in rock engineering this volume uniquely combines the design of surface and underground rock excavations and addresses rock slope stability in surface excavations from planar

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Principal Deposits of Strategic and Critical Minerals in Arizona, 1992

Research and Development Report - Office of Coal Research United States. Office of Coal Research, 1962

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The Proceedings of the Iowa Academy of Science Iowa Academy of Science, 1983 List of members in each volume

ASCE Manuals and Reports on Engineering Practice, 1985

[Economic System Analysis of Coal Preconversion Technology](#) Fluor Utah, inc, 1974

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