

# THE MINING WALLUATION

HANDBOOK



MINING AND ENERGY VALUATION
FOR INVESTORS AND MANAGEMENT

Dr VICTOR RUDENNO

# **The Mining Valuation Handbook 3rd Edition**

Ibironke T. Odumosu-Ayanu, Dwight Newman

#### The Mining Valuation Handbook 3rd Edition:

The Mining Valuation Handbook 4e Victor Rudenno, 2019-09-10 An essential in depth guide to mining investment analysis Written by a mining investment expert The Mining Valuation Handbook Mining and Energy Valuation for Investors and Management is a useful resource It's designed to be utilized by executives investors and financial and mining analysts The book guides those who need to assess the value and investment potential of mining opportunities. The fourth edition text has been fully updated in its coverage of a broad scope of topics such as feasibility studies commodity values indicative capital and operating costs valuation and pricing techniques and exploration and expansion effects SME Mining Engineering Handbook, Third Edition Peter Darling, Society for Mining, Metallurgy, and Exploration (U.S.), 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 Mineral Property Evaluation Richard L. Bullock, Scott Mernitz, 2017-12-01 Everything companies and other stakeholders sums up what must be considered for a properly documented property evaluation Less than 30% of the projects that are developed in the minerals industry yield the return on investment that was projected from the project feasibility studies. The tools described in this handbook will greatly improve the probability of meeting your projections and minimizing project execution capital cost blowout that has become so prevalent in this industry in recent years Mineral Property Evaluation provides guidelines to follow in performing mineral property feasibility and evaluation studies and due diligence and in

preparing proper documents for bankable presentations It highlights the need for a consistent systematic methodology in performing evaluation and feasibility work The objective of a feasibility and evaluation study should be to assess the value of the undeveloped or developed mineral property and to convey these findings to the company that is considering applying technical and physical changes to bring the property into production of a mineral product The analysis needs to determine the net present worth returned to the company for investing in these changes and to reach that decision point as early as possible and with the least amount of money spent on the evaluation study All resources are not reserves nor are all minerals an ore The successful conclusion of any property evaluation depends on the development work and conclusions of the project team The handbook has a diverse audience Professionals in the minerals industry that perform mineral property evaluations Companies that have mineral properties and perform mineral property feasibility studies and evaluations or are buying properties based on property evaluation Financial institutions both domestic and overseas that finance or raise capital for the minerals industry Consulting firms and architectural and engineering contractors that utilize mineral property feasibility studies and need standards to follow And probably the most important the mining and geological engineering students and geology and economic geology students that need to learn the standards that they should follow throughout their careers

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suggestions from some 2 000 readers in over 50 countries This helpful reader feedback coupled with written evaluations from the more than 400 seminar attendees has been an unparalleled source of improvement for this new book This second edition is a significant accomplishment that includes 5 new chapters substantial updates to the original 34 chapters and 56 new or updated figures flowcharts and checklists that every project manager can use **Advances in Spatio-Temporal** Analysis Xinming Tang, Yaolin Liu, Jixian Zhang, Wolfgang Kainz, 2007-08-23 Developments in Geographic Information Technology have raised the expectations of users A static map is no longer enough there is now demand for a dynamic representation Time is of great importance when operating on real world geographical phenomena especially when these are dynamic Researchers in the field of Temporal Geographical Information Systems TGIS have been developing methods of incorporating time into geographical information systems Spatio temporal analysis embodies spatial modelling spatio temporal modelling and spatial reasoning and data mining Advances in Spatio Temporal Analysis contributes to the field of spatio temporal analysis presenting innovative ideas and examples that reflect current progress and achievements Pastrycook & Confectioner's Guide Robert Wells, 1892 Milk, cheese and butter, a practical handbook John Oliver (principal of the Western dairy inst.),1894 **Indigenous-Industry Agreements, Natural Resources and the Law** Ibironke T. Odumosu-Ayanu, Dwight Newman, 2020-12-27 This edited collection is an interdisciplinary and international collaborative book that critically investigates the growing phenomenon of Indigenous industry agreements agreements that are formed between Indigenous peoples and companies involved in the extractive natural resource industry These agreements are growing in number and relevance but there has yet to be a systematic study of their formation and implementation This groundbreaking collection is situated within frameworks that critically analyze and navigate relationships between Indigenous peoples and the extraction of natural resources These relationships generate important questions in the context of Indigenous industry agreements in diverse resource rich countries including Australia and Canada and regions such as Africa and Latin America Beyond domestic legal and political contexts the collection also interprets navigates and deploys international instruments such as the United Nations Declaration on the Rights of Indigenous Peoples in order to fully comprehend the diverse expressions of Indigenous industry agreements Indigenous Industry Agreements Natural Resources and the Law presents chapters that comprehensively review agreements between Indigenous peoples and extractive companies It situates these agreements within the broader framework of domestic and international law and politics which define and are defined by the relationships between Indigenous peoples extractive companies governments and other actors The book presents the latest state of knowledge and insights on the subject and will be of value to researchers academics practitioners Indigenous communities policymakers and students interested in extractive industries public international law Indigenous rights contracts natural resources law and environmental law The Goldsmith's Handbook, Containing Full Instructions for the Alloying and Working of Gold George Edward Gee, 1892 Catalog of

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areas for a review It is almost as good as having Professors Pratt and Grabowski looking over your shoulder to ensure that one is both comprehending and correctly implementing the complex concepts Ashok Abbott PhD Associate Professor of Finance College of Business Economics West Virginia University This text provides the most comprehensive coverage of cost of capital issues that I have seen to date Messrs Pratt and Grabowski have created a very accessible and lucid treatment of what most would consider an opaque subject The Fourth Edition is especially important for its new topics as well as expanded coverage of concepts from earlier editions Of particular interest is the review of the extreme market conditions during the 2008 2009 crisis and the effect that the unprecedented volatility had on traditional cost of capital models For years Pratt and Grabowski s research has informed the business valuation curriculum of the American Society of Appraisers This book will be added to our reading list and thousands of students worldwide will benefit from the state of the art content of the Fourth Edition and the companion Workbook and Technical Supplement Furthermore Cost of Capital Fourth Edition should be a mandatory part of every valuation practitioner's library If you buy this book you can expect it to become well worn and remain on your desk within arm's length until the publication of the Fifth Edition John Barton ASA CPA Chairman Business Valuation Committee ASA Cost of capital is so much more complex than it used to be With so many additional considerations regarding each variable of the cost of capital formula this book is a must for anyone that needs to understand or develop a discount rate Even the most experienced practitioner will benefit from the outstanding work of Pratt and Grabowski This book has to become part of your library Gary R Trugman CPA ABV MCBA ASA MVS President Trugman Valuation Associates Inc. **Practical Building Construction** John Parnell Allen, 1897 **Asbestos and Asbestic Robert** H. Jones, 1897

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