

Guidelines For Open Pit Slope Design

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Guidelines For Open Pit Slope

Guidelines for Open Pit Slope Design is a comprehensive account of the open pit slope design process. Created as an outcome of the Large Open Pit (LOP) project, an international research and technology transfer project on the stability of rock slopes in open pit mines, this book provides an up-to-date compendium of knowledge of the slope design processes that should be followed and the tools ...

Guidelines for Open Pit Slope Design: Read, John, Stacey ...

Published 2009. Engineering. Guidelines for Open Pit Slope Design is a comprehensive account of the open pit slope design process. Created as an outcome of the Large Open Pit (LOP) project, an international research and technology transfer project on rock slope stability in open pit mines, this book provides an up-to-date compendium of knowledge of the slope design processes that should be followed and the tools that are available to aid slope design practitioners.

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Title: Guidelines For Open Pit Slope Design Author: John Read, Peter Stacey, Publisher: CRC Press Pages: 510 Published: 2009-12-19 ISBN-10: 0415874416 John Read, Peter Stacey Guidelines for Open Pit Slope Design

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Guidelines for Open Pit Slope Design comprises 14 chapters that directly follow the life of mine sequence from project commencement through to closure.

Guidelines for Open Pit Slope Design - ResearchGate

Guidelines for Open Pit Slope Design comprises 14 chapters that directly follow the life of mine sequence from project commencement through to closure. It includes: information on gathering all of the field data that is required to create a 3D model of the geotechnical conditions at a mine site; how data is collated and used to design the walls of the open pit; how the design is implemented; up-to-date procedures for wall control and performance assessment, including limits blasting, scaling ...

Guidelines for Open Pit Slope Design, John Read, Peter ...

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Guidelines for open pit slope design - GBV

A Guidelines for Open Pit Slope Design book contains 14 chapters that follow the life of mine sequence from concept through to closure. In order to help the practitioner deal with short comings in the investigation and design process, each chapter deliberately focuses on leading issues such as what data is required, how it should be processed and which analysis should be used. The chapter contents are as follows:

Guidelines for Open Pit Slope Design (2009) - LOP

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Guidelines for Open Pit Slope Design ~ Mining Engineer's World

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Guidelines for Open Pit Slope Design / Edition 1 by John ...

Guidelines breadcrumb 2020-06-24T14:56:48+00:00. The research plan developed for the LOP Project focusses on three elements: preparation and publication of an authoritative new generation pit slope Design Guidelines book that clearly outlined for today's practitioners what is the best approach to satisfy best practice at every stage of planning and operating an open pit mine; the effective use of geological and geotechnical data in assessing the strength and deformability of jointed rock ...

Guidelines - LOP

Guidelines for Open Pit Slope Design in Weak Rocks is a companion to Guidelines for Open Pit Slope Design, which was published in 2009 and dealt primarily with strong rocks. Both books were commissioned under the Large Open Pit (LOP) project, which is sponsored by major mining companies.

Guidelines for Open Pit Slope Design in Weak Rocks: Martin ...

Provides guidance to practitioners involved in the design and implementation of open pit slopes. Weak rocks encountered in open pit mines cover a wide variety of materials, with properties ranging between soil and rock. As such, they can provide a significant challenge for the slope designer. For these materials, the mass strength can be the primary control in the design of the pit slopes, although structures can also play an important role.

Guidelines for Open Pit Slope Design in Weak Rocks, Derek ...

A Guidelines for Open Pit Slope Design book contains 14 chapters that follow the life of mine sequence from concept through to closure.

Design Guidelines - Large Open Pit Mine Slope Stability ...

1975 by Zienkiewicz et al (3) and is discussed in detail in Chapter 10 of the "Guidelines for Open Pit Design" (1). The method involves the construction of a numerical model of the slope using programs such as FLAC (4), Phase2 (5), UDEC (6) and other continuum or discontinuum codes. Once the model has been constructed the shear strengths of all

Fundamentals of slope design Keynote address at Slope ...

Guidelines for Open Pit Slope Design is a comprehensive account of the open pit slope design process. Created as an outcome of the Large Open Pit (LOP) project, an international research and technology transfer project on rock slope stability in open pit mines, this book provides an up-to-date compendium of knowledge of the slope design processes that should be followed and the tools that are available to aid slope design practitioners. This book links innovative mining geomechanics research ...

Guidelines for Open Pit Slope Design by Read, John (ebook)

Weak rocks encountered in open pit mines cover a wide variety of materials, with properties ranging between soil and rock. As such, they can provide a significant challenge for the slope designer. For these materials, the mass strength can be the primary control in the design of the pit slopes, although structures can also play an important role.

Guidelines for Open Pit Slope Design in Weak Rocks by ...

Because of the typically weak nature of the materials, groundwater and surface water can also have a controlling influence on stability. Guidelines for Open Pit Slope Design in Weak Rocks is a companion to Guidelines for Open Pit Slope Design, which was published in 2009 and dealt primarily with strong rocks.