



# Underground rock drill operation video tutorial

How to drill through rock?

Drilling through rock would require a carbide or diamond tipped masonry drill bit. You can install your bit by loosening the chuck of your drill, inserting the end of the bit and then retighten the chuck. You should close the chuck up properly so that the bit is perfectly fitted; it would help avoid accidents during the work process.

What is a rock breaking video?

The video features an introduction to the rock breaking process in mining, followed by a section on how to handle, store and transport explosive products. The third part of the video covers development drilling and blasting practices; and the fourth part discusses production drilling and blasting. Target audience

What does an underground mine worker do?

Target audience Underground mine workers - the need to identify the potential hazards of working near or with explosives, and the protocols of re-entering a working area after blasting. Workers responsible for development and production drilling and blasting activities.

Up to 10% cash back! Since 2005, Wilco Technologies have manufactured and supported the Trajectaflex Resin Firing System for underground mining. Installed onto any Jumbo drill it ...

The aim of this video is to provide workers with the critical knowledge on drilling and blasting to aid appreciation of the importance of these mining processes ...

Discover what underground drilling rigs are, how they work, key types, and their applications in mining, tunneling, and construction projects.

Drilling and blasting takes place at different underground levels of the mine at the same time. As the blasted rock, muck, is continuously transported to the ore pass, more blasting will ...

Learn more Timberock bolting head retrofits Productive bolting heads Enhance your underground hard rock mining drilling operation with flexible and durable ...

location of where the operation begins: presence of tunnels: the direction of the tunnels: explosives and blasting: Underground Mining Methods Place a check mark in the box to ...

It balances portability with power, making it ideal for tight underground spaces. These drills typically feature a robust but lightweight design that eases handling for operators while ...

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This is a video I made to teach a little about Harrod Concrete and Stone's underground mining operation. Hopefully you learn some interesting facts about mining and some other fun facts along the ...

Get directional drilling instruction with this animated informational video from the global leader in underground construction. Learn more at <https://>

Blasting operation is carried out against gravity, and the scatter of the broken rock is confined in the shaft. It is common to use generous distribution of explosives throughout the rock using a ...

In this video, I take you deep underground to showcase the installation, operation, and performance of our hard rock drilling tools and percussive drill bits.

This is one of the best drilling 101 videos showing you drilling process from the beginning phase to plug and abandonment phase. Not only do you learn about drilling, this video briefly shows the overall field development phase. This video tends to focus on unconventional well. ...

7 Steps in the Drilling Procedure: Learn the crucial steps for successful drilling, from planning to evaluation. Ensure safety & efficiency with our guide.

This video will review drilling and blasting fundamental concepts that are critical to achieving optimal rock breaking outcomes. All industry stakeholders - those keen to learn ...

The video displays the process of underground drilling and blasting from beginning to end. It also provides the safest techniques for drilling and blasting, including a wealth of safety tips. In addition, the video provides real-life underground drilling and blasting footage.

Exploring an Underground Metal Quarry: Epiroc Boomer Drill Rig in Action Today's video takes us deep into the fascinating world of an underground metal quarry, a truly spectacular place hidden ...

In this short video Mr. Electric shows how directional boring works. Horizontal directional drilling (HDD) is a safe method of installing an underground pipeline.

The instructions recommended within this document apply to normal risk conditions. If the Air Rock Drill is to be operated in a dangerous or hostile environment, the user/client is ...

Watch the videos below for a tutorial on Directional Drilling! The top video deals with drilling through dirt and the bottom video shows the technique when the ...



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The document provides a comprehensive overview of hydraulic drill jumbos, covering their operational principles, components, and maintenance ...

The document provides a comprehensive overview of hydraulic drill jumbos, covering their operational principles, components, and maintenance requirements for effective drilling in ...

Personnel in charge of drilling and blasting operations for production and development. The basic ideas of drilling and blasting that are essential to attaining the best results while breaking rock ...

There are many new terms and concepts related with underground mining methods. To demonstrate your understanding of the basic concepts, create a Sequence Chain outlining the ...

Set the Conductor Casing: Prior to the arrival of the drilling rig, an Auger Unit (in hard rock regions) will drill a large diameter hole capable of accommodating ...

This video will review drilling and blasting fundamental concepts that are critical to achieving optimal rock breaking outcomes. All industry stakeholders - those keen to learn more about drilling and blasting in underground mines.

Sandvik DT912iD is a self-contained, diesel-hydraulic high-reach single boom jumbo. Designed for fast, accurate drifting and production drilling, it is ideal for ...

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This animation presented by CGisDS.Animation was created as a part of educational program for teaching staff of &quot;Rosneft&quot;;Software: Autodesk 3ds max, Vray, Ad...

This blog will navigate the dangers of working with rock drills and provide step-by-step insights into the pre-operation and operational safety practices everyone should use.

Web: <https://www.kwa-andries.co.za>