



Rock drill demolition tutorial video

How do you plan a rock excavation?

When planning rock excavation, understanding the cost and time factors is crucial for efficiency and budget control. Here's how to navigate these considerations effectively: Blasting is efficient for very hard rock and large-scale removal but can be expensive due to specialized equipment and explosives.

What is the breaking method of rock excavation?

The breaking method of rock excavation involves using tools like hydraulic hammers, which deliver powerful, repetitive blows to fracture and break rock. This process often includes drilling holes into the rock surface to create weak points, making it easier for the hammer to break the rock into smaller, manageable pieces.

What are the methods used in hard rock excavation?

Here are the primary techniques used in hard rock excavation: Drilling and blasting involve drilling boreholes into the rock, filling them with explosives, and then detonating them to fracture the rock mass. This method is ideal for large-scale projects requiring the removal of very hard rock or significant rock masses.

How do you excavate a rock?

Excavating rock depends on the rock type. Soft rock often uses simpler mechanical methods like ripping, while very hard rock requires more powerful techniques such as blasting. The presence of rock fragments and the rock's compressive strength significantly influence the chosen method.

How do I choose the right rock excavation method?

Let's dive into the essentials of rock excavation and how our expertise can help you achieve success in your construction projects. Choose the right rock excavation method by considering project-specific factors like rock type, soil strata, and site layout.

What is a mechanical method of removing rock?

Mechanical methods use heavy machinery like excavators fitted with a rock hammer and hydraulic hammer to break and remove rock. Different types of excavators and attachments, such as rippers and rotary cutters, are employed depending on the rock type and project requirements.

Maruzen rock drill has a unique feature. DH204/205 is hydraulic rock drill with a built-in air compressor. It is suitable for breaking stones, drilling dynamite boreholes, and much more. ...

The video features an introduction to the rock breaking process in mining, followed by a section on how to handle, store and transport explosive ...

Carefully controlled Rock Blasting in the suburbs. Demolition Dave Drilling and Blasting 37.9K subscribers



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1.5K 17K views 9 months ago NARRE WARREN NORTH

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Nxburst allowed the project contractor to continue using conventional drilling and blasting techniques while reducing vibrations and cost associated with other demolition methods. ...

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