



Autonomous surface drill rig

4 days ago; Epiroc has partnered with Luck Stone to deploy the first fully autonomous SmartROC D65 drill rig in the United States. This marks a "historic milestone, as it is also the first fully ...

4 days ago; Epiroc has partnered with Luck Stone, one of the nation's leading producers of crushed stone, to deploy the first fully autonomous SmartROC ...

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The autonomous SmartROC D65 MKII outperforms manually operated drill rigs The comparison has been ongoing in the heart of Australia for just over a year - and now it's officially ...

Autonomous provides the means for a Pit Viper to productively and safely complete its mission of drilling out a drill pattern with minimal human intervention. The system utilizes our leading ...

AutoMine; Autonomous AutoMine; Autonomous package is the third of three levels and includes the AutoCycle. The AutoCycle enables fully autonomous surface drilling fleet operation of ...

Revolutionizing Drill Rig Operations Through Remote Control and Automation Sandvik Mining and Rock Solutions is shaping the future of autonomous surface drilling with ...

This solution orchestrates autonomous directional drilling with automated wellbore hydraulics and dynamic surface drilling rig equipment ...

The newly introduced FleetFlex functionality of AutoMine Surface Fleet enables seamless and simultaneous control of multiple drill rigs, enabling large fleets to be managed ...

This article reviews automation in drilling and mining, focusing on trends and state-of-the-art technologies for face exploration and production ...

With AutoMine; Surface Fleet, operators can manage individual autonomous rigs and oversee the entire bench, providing accurate positioning, ...

The Automine Surface Fleet is a new feature that enables operators to manage more than 15 Sandvik surface i-series drill rigs from any ...

Neuro autonomous solutions enable our autonomous directional drilling capabilities that build wells in the



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most efficient and consistent manner possible, regardless of the rig, field, or ...

Epiroc is already the global leader in blasthole drill autonomy with its full autonomous layer for its line of Pit Viper drills, enhanced now also by the Mobius for Drills fleet ...

The autonomous directional drilling (ADD) system from Schlumberger has spearheaded autonomous drilling development for the past 18 years. In ...

4 days ago#0183; Drilling Industry News Mining & Mineral Exploration Drilling An Autonomous Drill Rig... in a Quarry? Yep, That Just Happened Epiroc and ...

New players are also emerging in surface drills & drilling autonomy. In 2023, China's XCMG said it had successfully tested its XKY270E rotary blasthole rig, which it says is the first remote ...

Epiroc's drill rigs, used by mining and construction customers across the world, are increasingly operated autonomously. The company's Pit ...

Sandvik Mining and Rock Solutions has been selected by Swedish mining firm Boliden to deliver autonomous surface drilling equipment for the Kevitsa multi-metal mine in ...

4 days ago#0183; The mining and quarrying industry has entered a new era with the deployment of the first fully autonomous SmartROC D65 MKII surface drill rig ...

Epiroc has launched what is said to be the world's first fully autonomous surface drill rig, the SmartROC, which is now in production. The ...

Autonomous drilling has seen notable uptake, driven by safety and productivity gains and ongoing innovation from OEMs, while blasting is much ...

5 days ago#0183; Epiroc has partnered with Luck Stone, a US producer of crushed stone, to deploy the first fully autonomous SmartROC D65 drill rig in the country, which also marks...

This autonomous driller-operated alignment system resulted in increased productivity and enhanced safety of the operators during mining ...

An Epiroc Pit Viper 271 blasthole surface drill rig. Credit: Epiroc. Epiroc, a Sweden-based equipment manufacturer, has secured a large order ...

On this quest, Halliburton has embraced a system-level autonomous drilling approach to close three gaps: rig and downhole integration, drilling and sub-surface integration ...



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"The future of surface drilling is less about deploying autonomous machines at scale and more about carefully aligning technology with mining realities," notes a team of ...

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