

Case Study

Eldorado Gold Québec Lamaque Mine: Technica Mining's Success with MOSS

WHAT IS MOSS?

The Miner Operated Survey System (MOSS) is a underground operations software that allows miners to advance the face independently. MOSS provides miners, engineers, and geologists with real-time information regarding compliance to design.

TESTIMONIAL

"Our experience with using MOSS to date has been positive, and any issues or concerns are always answered. It's a very user-friendly program that anyone can pick up with a great interface that is easy to follow."

DARIN CLARK

Senior Mine Engineer
Technica Mining



CHALLENGES

Data shortage for miners and their clients regarding compliance to design.

SOLUTION

MOSS empowers miners by providing them with direct control and ownership of their work. The MOSS software delivers real-time feedback, aiding in the precise management of overbreak and underbreak. This immediate insight allows miners to make necessary adjustments in the field, ensuring adherence to driving layouts and minimal overbreak.



Real-Time
Information



User-Friendly
Software



Reduction in
Overbreak

BENEFITS

1

Improved Surveying Workflow

Less dependent on requiring surveyors/technicians for development projects.

2

Increased Efficiency

With MOSS, a miner is able to markup the face (centerline, crankline, grade line and collar locations) in approximately 10 minutes.

3

Reduction in Overbreak

Given MOSS provides miners with a drawing depicting actual vs design, miners are able to make adjustments on-the-go.

4

Track Mode

With the designed driving layout referenced, miners can point the total stations laser and virtually track it. This is beneficial for slashes, intersections, safety bays, etc.



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