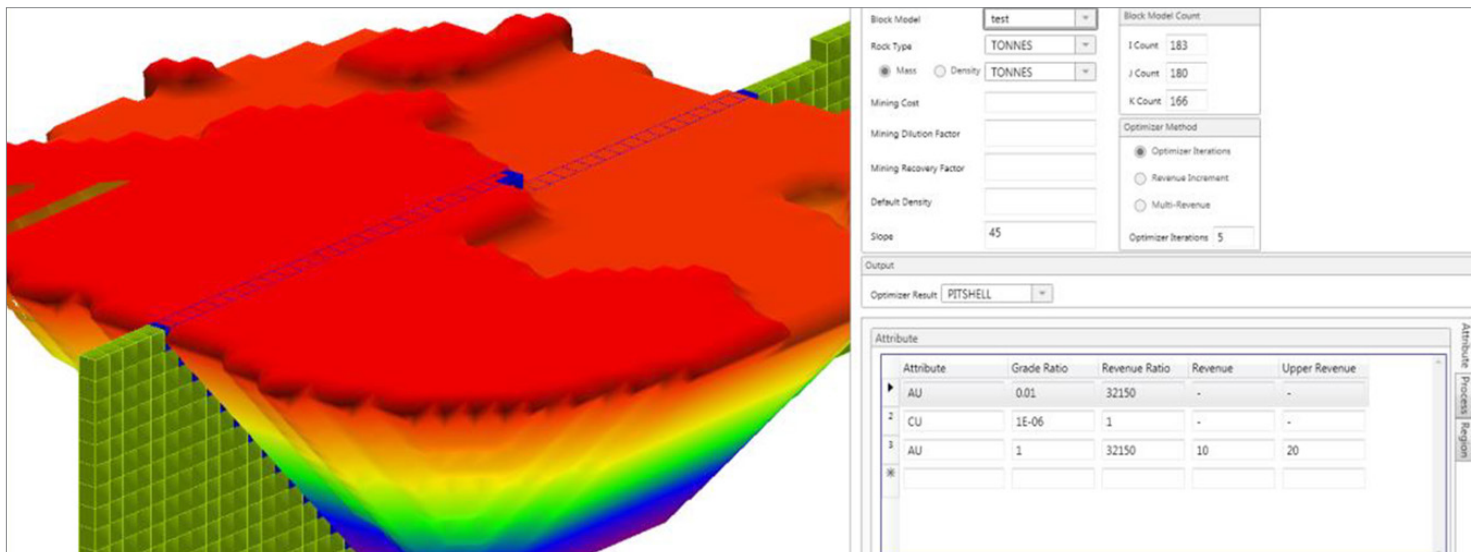


MineScape Pit Optimization



MineScape Pit Optimization provides the mining engineer a simple, easy to use solution to calculate the most economically feasible mine areas.

Pit Optimization utilizes the power of MineScape CAD while directly accessing MineScape block models to simplify the pit optimization process. Pit Optimization has a simple, easy-to-use form interface to supply input parameters. The results are written directly to the MineScape Block Model and are available for visualizing in CAD, interrogation and reserve calculations.

The features

- Integrated with MineScape Block Model and CAD
- Multiple elements and processes are supported
- Multiple slope regions
- Variable mining and processing costs are supported
- Supports generation of nested pits for push-back design
- 3D visualization of blocks and triangulated pit shells
- Handle large block models with tens of millions of blocks

The benefits

Integrated with the MineScape mine planning system. Results are immediately available for mine design, reserve calculations and visualization in MineScape 3D CAD.

MineScape Pit Optimization is powered by Minemax® Planner, utilizing a maximum flow algorithm to get fast and accurate results. Faster results provides more time for analysis, enabling better project decisions.

Automated workflow simplifies process: saves time and reduces costs by keeping work in-house.

Contact us

About ABB's Enterprise Software product group

We provide industry-leading software and deep domain expertise to help the world's most asset-intensive industries such as mining, energy, and utilities solve their biggest challenges, from plant level, to regional network scale, to global fleet-wide operations.

Our enterprise software portfolio offers an unparalleled range of solutions for asset performance management, operations and workforce management, network control, and energy portfolio management to help customers reach new levels of efficiency, reliability, safety and sustainability. We are constantly researching and incorporating the latest technology innovations in areas such as mobility, analytics and cloud computing.

We offer unmatched capabilities to integrate information technologies (IT) and operational technologies (OT) to provide complete solutions to our customers' business problems.

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