K2fly Ore Blocker

An Automated Ore Blocking Solution

Accurately differentiate between ore and waste, enabling teams to reduce dilution, increase ore recovery and deliver better results against mine plans.

Increase Profitability

Produce more high-grade ore by assessing different ore block out scenarios. Automate otherwise manual processes to increase ore recovery by as much as 5-10% which can represent tens of millions per mine.

Faster Results

Visualise multiple blasts and scenarios in 3D at any one time to quickly assess differences and make informed decisions in line with your mine plan faster than a geologist can block out a single blast.

Integrations to Extend Capability

Use with K2fly Model Manager and K2fly Mine Geology to further improve data governance and standardise work practices through automation to reduce scenario analysis timeframes.

Our solution will generate multiple scenarios and evaluate the most cost effective result allowing you to resource correctly.

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K2fly Ore Blocker allows you to configure constraints and parameters around the process so that results are objective, consistent and repeatable which gives you greater confidence in predicting the amount of high-grade ore.

Solution Features

✓ **Sub-divide blasts** based on configurable constraints, grade cut-offs, and material dilution rules

✓ **Configurable** mining grid sizes

✓ Use blast hole assays or a block model as the **data source**

✓ Define maximum and minimum ore and waste **block sizes**

✓ Configure product **dilution rules and mining direction**

✓ **Run multiple scenarios** with different cut-off grades and different flitch configurations

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