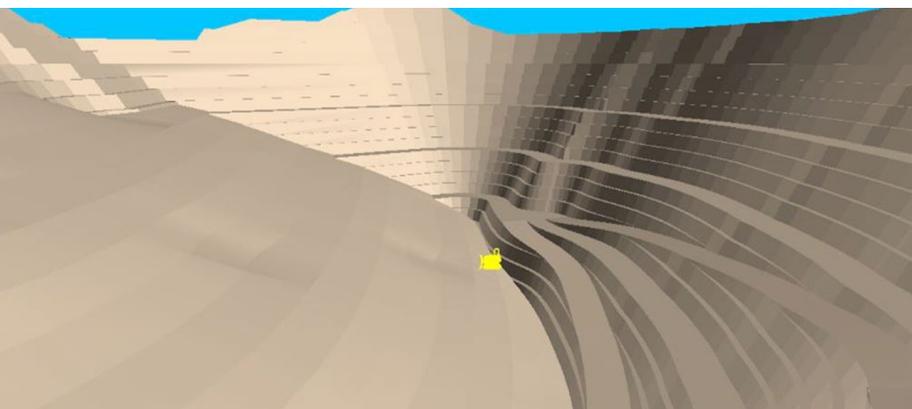


INTELLIGENT MINING SOLUTIONS

# MineScape

## Open Cut Design



MineScape's Open Cut Design plug-in provides mining engineers with powerful tools to quickly and easily create, compare and explore short- and long-term planning and design options for open cut mining operations using dragline, truck and shovel, or conveyor extraction methods.

With Open Cut Design, mining engineers can easily design dragline strips, pit pushbacks, ramps, roads, individual cuts and benches, all while retaining control of design details to allow for maximum adaptability and responsiveness to real-world progressive mine development.

### Short- and long-term design

Toolsets in MineScape Open Cut can create design components automatically, enabling mining engineers to create large-scale 3D mine plans and designs that conform to proposed or existing mining operations based on only a few fundamental design elements.

Open Cut also provides mining engineers with tools for short-term design as well as long-term requirements for day-to-day operational design as well as strategic design and feasibility studies.

Using MineScape Open Cut design tools, mining engineers can quickly develop and investigate a range of production alternatives by displaying design options over a common base project and data set. Layout of any designs may be detailed as plan and sectional graphics and as a set of field survey instructions.

As an integrated MineScape plug-in, Open Cut delivers a graphical experience that merges the design and scheduling elements of open pit planning. It's also integrated with MineScape Survey, Block Model and Stratmodel, to deliver a functionally-complete graphical and integrated planning and scheduling solution (with the use of MineScape Schedule).

### Streamlined

MineScape's Open Cut plug-in "wizard" guides users through the open cut design process and allows users to create multiple pit designs quickly and easily, enabling the rapid evaluation of different pit configurations.

Accurate grade values from the block model can be manipulated, interrogated and reported on for mining block entities to allow users to see fine detail when it's required. Haulage road features are now available in Open Cut, which includes a powerful ramp generation feature under a specialized 3D CAD interface.