

# SUMMIT SOPP

Summit Strategic  
Open Pit Planning

**WHO USES SUMMIT SOPP?**

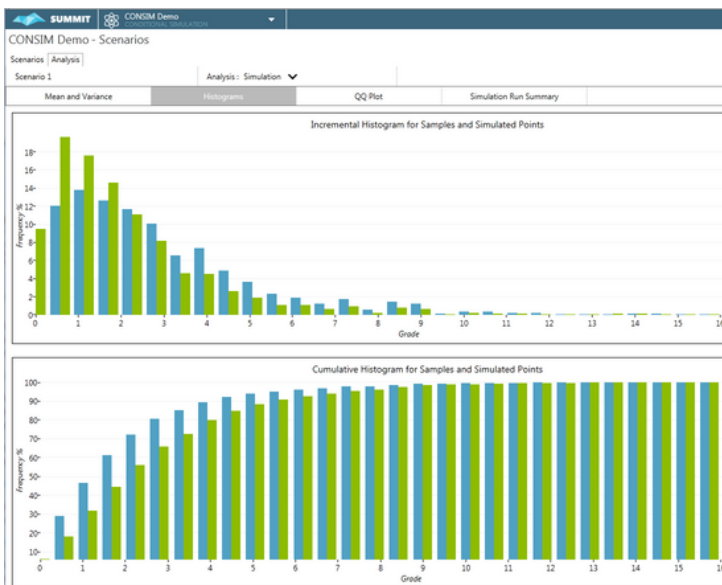
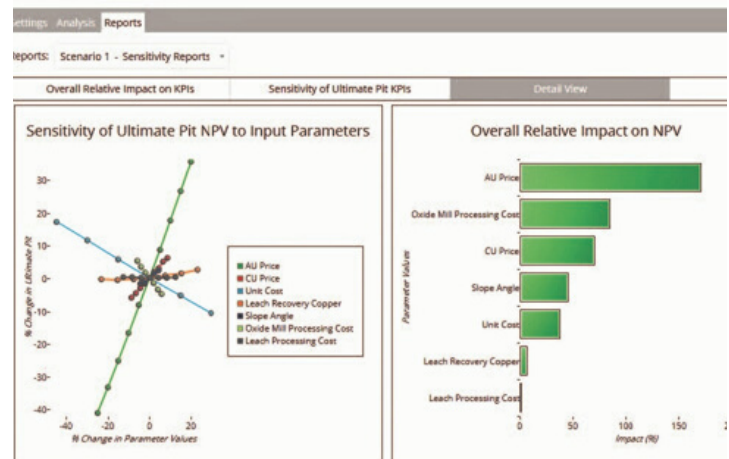
- Mining Engineers Working on a Wide Range of Open Pit Studies.

# SUMMIT SOPP

**Summit SOPP** is the Strategic Open Pit Planning module of Summit. Using the scalability and high performance computing capabilities of the cloud, **Summit SOPP** delivers mine optimisations in one tenth of the time of current methods. You can rapidly assess thousands of scenarios and gain an enhanced understanding of risks, opportunities and drivers of value in both brown and green field projects.

## SENSITIVITY ANALYSIS

Sensitivity analysis allows you to discover the individual parameters to which a project's economics is most sensitive. Project value can vary in response to changes in cost, prices, recoveries and practical mining parameters. How the economics respond can only be reliably determined by systematically analysing a matrix of hundreds or even thousands of scenarios. Sensitivity analysis can reveal insights about value drivers that may not be apparent from investigating a small sample of alternatives.



## SIMULATION ANALYSIS

Simulation is used to understand the probability of achieving certain economic outcomes from a project. To do this reliably requires hundreds of optimisation runs with input parameters selected based on probability distributions of key variables, something which Summit can achieve in hours.

The result enables you to understand the probability of achieving specific outcomes such as NPV, cash flow and recovered metal. Simulation allows you to compare candidate projects for capital allocation based not just on value but on the probability of achieving defined investment criteria.

## BOOK A DEMO

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