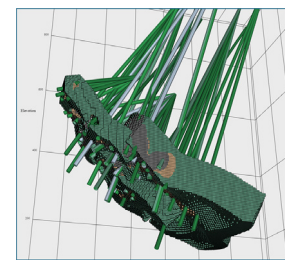
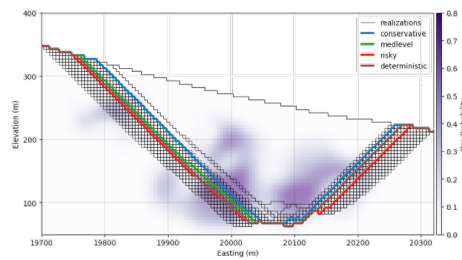
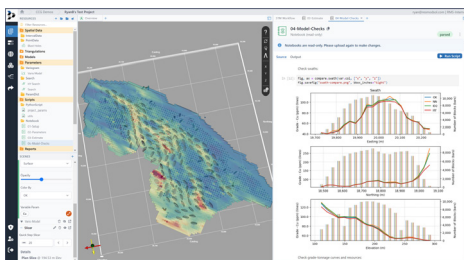


Resource Modeling Solutions (RMS) is the global leader in resource modeling, enabling faster and more informed decision making. Our cutting-edge software solutions allow for rapid translation of data into spatial characterization of all critical deposit properties, enabling timely and risk-optimized decisions for exploration, design, and resource development. Trusted by industry leaders, RMS empowers mining companies to realize greater profitability, sustainability, and operational success.



RMSP
Resource Modeling Solutions Platform

- Quantify uncertainty and manage risk with proven state-of-the-art techniques
- Designed from the ground-up to be optimized across modern parallel processing and cloud deployment
- Characterize your deposit with confidence and optimize decision making

Mine Planning

- Characterize realistic complexity, associated uncertainty and translate that into risk-optimized pit design
- Optimize your pit over all simulated realizations
- Actively manage risk by establishing alternatives that trade-off risk and expected value

DHO
Drill Hole Optimization

- Maximize resource uplift by optimizing infill drilling programs designed to meet your deposit's unique needs
- Trial variety of drilling configurations that adapt to your budget, equipment options, and infrastructure constraints
- Optimally deploy regional budgets to maximize uplift across your mine portfolio

AMP
Automated Modeling Platform

- Graphical, web and cloud based centralized environment for RMSP scripts and workflows
- User-friendly interface simplifies the development, deployment, and updating of your models
- Interact with your data and models in 3D, dynamically slice and visualize
- Robust and reliable permission structure for collaboration

Consulting & Training

Expand your knowledge with comprehensive geostatistical and resource modeling consulting and training to help you accurately characterize deposits, quantify uncertainty, manage risk, and optimize drill programs to efficiently manage resource uncertainty.

100+
projects completed

13
active countries

400%
project acceleration potential

Probabilistic Modeling of the Round Mountain Gold Deposit¹

Probabilistic resource modeling workflow for the Round Mountain epithermal gold deposit. By simulating both categorical and continuous variables, the approach captures variability and uncertainty given current geological knowledge (Figure 1). These realizations help quantify expected reconciliation deviations during mining and provide more accurate gold predictions than traditional estimates.

Categorical models use hierarchical truncated pluri-Gaussian (HTPG) simulation, and continuous variables are simulated within domain boundaries using trend models to account for non-stationarity.

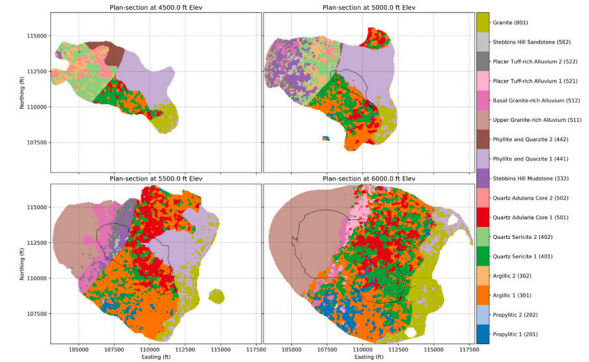


Figure 1. Plan view section through the first assembled domain realization showing the trace of the open pit¹

Novel Stratigraphy Simulation Applied to ESG and Mine Planning²

Uncertainty analysis conducted for an open pit operation to characterize the variation of PAF volume on site, including the simulation of sulphur within simulated stratigraphy, with integrated domain uncertainty.

Development and implementation of a novel stratigraphy simulation workflow that facilitates the reproduction of true strata thicknesses — Sequential Surface Offset Simulation (SSOS). Post-processing of the integrated SSOS and sulphur simulation workflow to calculate PAF tonnage and uncertainty, for integration into mine planning, drill hole planning and waste dump management.

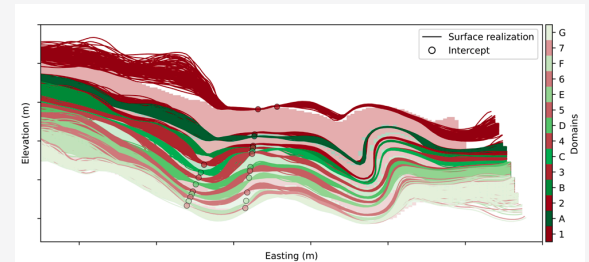


Figure 2. Cross section of the deterministic grid and simulated contacts²

Unfolding for Improved Reproduction of Grade Continuity and Reconciliation³

Innovative approach flattens the most complex of fold systems, based on geologic interpretation, to achieve an unfolded coordinate system where resource estimation is more effectively performed.

Where traditional estimation approaches have failed, RMSP's workflow yields effective folded grade continuity, leading to material improvements in resource estimates and operational decision making. Real world case studies³ have shown improved reproduction of high grade zones at thickened fold hinges without overstating the resource through smearing of grades.

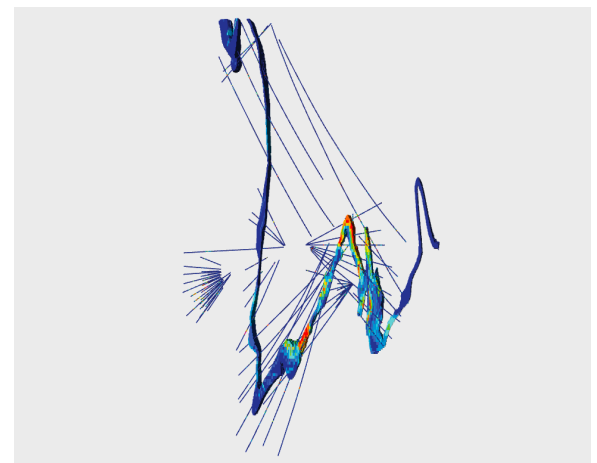


Figure 3. Example from a real world case study from a mine in Canada³

¹Harding, B., Lagos, R., Pfeiffer, N. et al. Probabilistic Modeling of the Round Mountain Gold Deposit: a Case Study. *Mining, Metallurgy & Exploration* 40, 1987–2006 (2023). <https://doi.org/10.1007/s42461-023-00787-1>

²Wilson, B., Sanchez, S., Carvalho, D. et al. *Novel stratigraphy simulation – a case study for ESG and mine planning application*. Mineral Resource Estimation Conference, 2025

³Bzdok, M., Daniels, E., Pereira, F.P.L., et al. *Improved Grade Continuity and Reconciliation Through the Novel Unfolding of a Structurally Complex Gold Deposit*. Society for Mining, Metallurgy, and Exploration (SME), 2025

