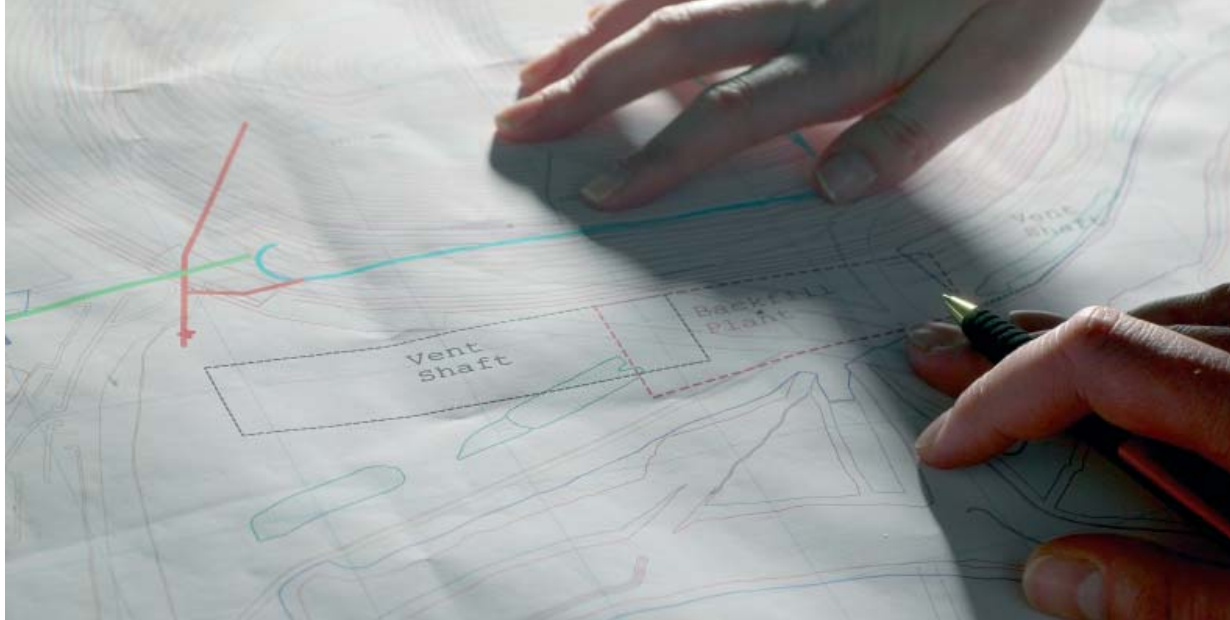




# Mine Analytics

AMC the business of mining

[www.amcconsultants.com.au](http://www.amcconsultants.com.au)



# Mine Analytics

Mine Analytics ensures both planned and operating mines achieve their business goals throughout their life cycles. AMC's capabilities can be delivered as stand-alone services, with maximum value achieved when used together in an integrated approach. AMC can also assist clients with implementing business improvement strategies.

## Benchmarking

AMC maintains an extensive and up to date database of mining costs and productivities for surface and underground mines. Our benchmarking methodology focuses on developing a detailed understanding of the drivers of cost and productivity. AMC has completed over 60 benchmarking studies world-wide.

## Management and Operational Reporting Systems

Accurate, timely and relevant reporting is essential for effective mine management. AMC develops customised reporting solutions which integrate financial and physical metrics. Our methodology ensures reports are based on sound, reliable data and interface directly with existing accounting and mine systems to provide timely and meaningful information.

## Operational Improvement Studies

AMC identifies opportunities to maximise the value extracted from mineral resources by detailed analysis of cost, revenue and productivity performance. Using Value Driver Tree methodologies, AMC can identify, quantify and compare business improvement options.

## Strategic Mine Optimisation

By finding the optimum combination of key decision parameters i.e. cut-offs, mining methods, production rates, sequencing, plant upgrades and other crucial inputs, AMC models opportunities and threats to understand the relationships between risk and reward to best achieve corporate and stakeholder goals.

## Operations Optimisation

AMC provides project optimisation strategies at a level of detail suitable for mine planning that can be tailored to project or client requirements e.g. optimisation of life-of-mine development and production scheduling, business wide strategic planning and staffing schedules.

## Mine Simulation

AMC has developed a holistic mine-to-market simulation tool (MineOpSim®) for surface and underground mining operations. MineOpSim® greatly reduces the time and cost to emulate and analyse proposed and existing mining operations, with high levels of detail, functionality and customisation.

## Caving Simulation

Cave-Sim™ has been developed to help analyse the performance of different block and sub-level cave layout options, enabling full integration of economic parameters and geological models into three dimensional flow models of operating caves.

## Geological Uncertainty and Risk Assessment

AMC can review, evaluate and advise clients on the implications of geological uncertainty, geological risk and appropriate assessment strategies – from estimation of Mineral Resources to evaluating geological inputs that contribute to estimation of Ore Reserves.

## Like to learn more?

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