



PROJECT MINING DEVELOPMENT | PMD

PROJECT MINING DEVELOPMENT PTY LTD (PMD)

is privately-owned consulting company. Headquartered in Perth, Australia with an office in Sao Paulo, Brazil, we are well positioned to support our clients with our understanding of the specific challenges across Australia and Latin America mining industry.

PMD specialise in Mining and Mine Development right from the initial phases of the resource development within a geological model, through all study phases, to the development, design and construction of mining infrastructure as well as optimization of existing operations.

The service combines specific mining technical expertise that has proven successful in supporting junior, mid-tier and major mining companies, at all stages in the mining value chain.

OUR MISSION

Integrating technical, operational and financial consulting to maximize the value of mining projects.

Our mining expertise is focused on maximising the value of mining projects, operations and investment portfolios

Strategic investment decision

Mine Planning & Development

Due Diligence

Mine Optimisation

Technical and operational reviews

Corporate and Operation business strategy

PMD have successfully executed Greenfield and Brownfield projects for a wide range of commodities across the world.

OUR SERVICES **MINING ENGINEERING**

The Mining Engineering division is well placed with strong international experience on the cutting edge of new developments in the hard rock mining environment. Our vision is to be a leader in the provision of innovative, practical and value adding solutions for current mining challenges.

KEY CAPABILITIES

- Identifying and designing suitable mining methods;
- Mine design scheduling, life of mine production profiles;
- Transition from open pit to underground;
- Mining equipment selection;
- Drill and blast designs;
- Comparison of technologies in trade-off off studies;
- Technical audits and business improvement exercises;
- Project managing multi-disciplinary studies.

OUR SERVICES

MINE OPERATIONS IMPROVEMENT

Our practical experience enables us to identify bottlenecks to add value to facilitate the delivery of our client targets. Our infield support management enables us to engage with the site technical services and operational teams to ensure that knowledge is retained onsite.

KEY CAPABILITIES

- Developing and implementing mine productivity improvements
- De-bottlenecking to achieve and maintain operational performance
- Aligning corporate and operation business strategy
- Operational reviews to identify areas for improvement including:
 - health and safety
 - compliance to plan
 - fleet management
 - drill and blast performance



OUR SERVICES

BLOCK CAVING/SUB LEVEL CAVING

PMD has a proven record in design, construction and operation of Block Cave mines across *Australia, Chile, Papua New Guinea and Mali.*

KEY CAPABILITIES

- Block caving business strategy aimed to reduce upfront capital expenditure and achieve early production
- Business case development
- Technical and operational reviews
- Mining rate/mine size optimization (hill of value analysis)
- Multiple lifts analysis and integration
- Footprint design and optimization
- Fleet sizing and scheduling
- Ventilation requirement and infrastructure design
- Life of mine production schedule
- Draw control and cave management
- Undercut & extraction level design
- Risk analysis and quantification
- Capital and operating cost estimate and economic evaluation.
- Technology integration

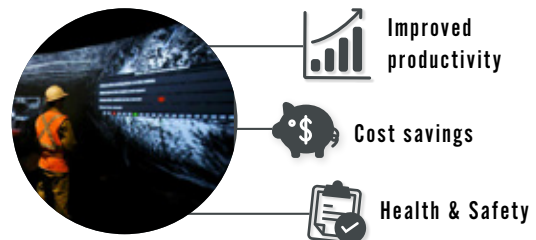
OUR SERVICES

MINE AUTOMATION & TECHNOLOGY

PMD strongly believe emerging mine technologies are set to change the way miners operate over the next decade.

KEY CAPABILITIES

- Aligning business strategy and implementation services for mining automation & technologies
- Comparison of technologies in trade-off off studies
- Enhance productivity through implementation of the mining technology



GET IN TOUCH

Head Office

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