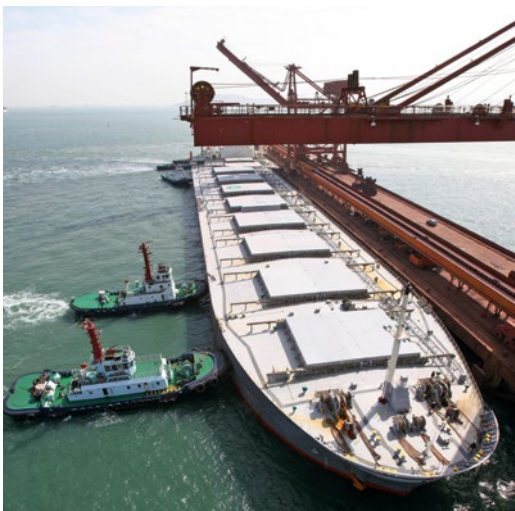


International Mining Consultancy & Engineering Services

for all stages of mine development and operation





Exploration · Resource/Reserve Estimation · Mine Design ·
HSE · Feasibility Studies · Operational Assistance · Due Diligence ·
Regulatory Reports · Valuations · Owner's & Lender's Engineer

About DMT

DMT is a leading mining consultancy and engineering group. Through its network of local offices it serves clients all over the world. DMT is a major subsidiary of the German based TÜV NORD GROUP which employs more than 10,000 people. DMT's mining consultancy offices are located in Bahrein, Canada, Germany, India, Indonesia, Kazakhstan, Peru, Russia, South Africa, Turkey and the UK.

Services

DMT provides assistance for all stages of mine development and operation. Our services include exploration, resource and reserve estimation, project assessment and detailed engineering design, provision of assistance during construction, commissioning and at all stages of mine operation, including optimisation, rehabilitation and finally mine closure. We also provide independent technical support and advice to lenders and investors, and to governments, law firms and insurance companies. Our expertise spans the entire spectrum of mined commodities and all mine types, both surface and underground.

Roles

DMT delivers independent multidisciplinary advice and our consultants are highly qualified and experienced in all aspects of the minerals industry, enabling us to provide assistance to our clients in a variety of ways. Roles that we typically undertake include exploration advisor, contractor or manager, competent / qualified person, project manager, consultant / technical advisor, expert witness, technical auditor and owner's or lender's engineer.

People

DMT's expertise is based on the high quality of its staff and its long history of serving the international mining industry. Our multi-disciplinary professional group comprises approximately 700 full-time specialists and a further 300 independent associates. Key to our business philosophy is that we work closely with our clients and encourage and facilitate transfer of knowledge to build strong, capable and motivated teams and long standing working relationships with our clients.

Commitments

The company considers the health, safety and wellbeing of its employees, those of its clients and all who may be affected by our operations, to be paramount. We are committed to acting responsibly in all aspects of our work, applying professional integrity to environmental, social and business matters and paying due respect to the laws and customs of the countries where we work. These commitments are reflected in the behaviour of the whole company and the way that our employees work at all times.

DMT quality systems are certified to ISO 9001:2008, ISO 14001:2004 and are applied to all of our projects.

Clients

Our clients include a wide and prestigious range of mining companies of all sizes; junior exploration/development companies; banks and other lender organisations; private equity investors; governments; law firms; insurance companies and aid agencies.



Geology, Resource and Reserve Estimation

DMT offers a wide range of geological services extending from planning and execution of regional exploration programmes, through to target selection, drilling and sampling supervision and data interpretation.

We regularly audit and prepare mineral resource and reserve estimates and are highly experienced in reporting to international mineral resource and reserve codes and standards.



The company employs senior consultants with Competent/Qualified Person status for the public disclosure of resource and reserve estimates for all mined commodities and mine types. Our geologists and mining engineers are proficient in the use of industry standard modelling software, ensuring that our work is compatible with our clients' own methods and processes.

DMT also develops, manufactures, uses and sells a range of cutting edge equipment for exploration work.

- Exploration
- Geological Mapping
- Airborne & Ground Geophysics
- Drilling & Sampling Supervision
- Data Validation
- Quality Assurance, Quality Control
- Geological Modelling
- Resource & Reserve Estimation
- JORC, CIM, SEC, PERC & SAMREC Reporting
- Resource/Reserve Independent Audits

Investor / Lender Support

DMT has many years of experience in providing independent technical support and advice to banks and other lenders, to potential investors as well as for stock exchange listings and possible mergers/acquisitions.



We are highly experienced in providing these services. Through our London presence, we work closely with the financial and legal organisations involved in raising finance, whilst our professional staff from our network of offices worldwide, provide on the ground expertise. Typically, when working for banks our initial assignment begins with a technical due diligence assessment and then develops into the role of Independent Lender's Engineer, overseeing construction of the mining project and its operation for the duration of the loan.

- Independent Lender's Engineer
- Due Diligence
- IPO and M&A Support
- Regulatory reports, including: CPR, MER, NI43-101 etc.
- Technical Audits
- Financial Modelling
- Valuations, SAMVAL, CIMVAL, VALMIN
- Procurement & Contracts
- Construction Monitoring
- Expert Witness

Feasibility Studies, Detailed Engineering Design & Development



DMT provides the services of senior industry specialists to carry out the technical and economic assessment, design and development of mineral projects. Our expertise stems from our long experience in the international mining industry and our highly professional multi-disciplinary staff.

Our capability is not limited by project scale. Indeed, we are equally proficient in working on large bulk mineral projects involving substantial mine to port infrastructure, as we are on smaller scale base and precious metal mines. In undertaking such studies, we are able to draw on our broad range of expertise, so that most aspects of the assessment or the engineering design can be addressed in-house.

- Preliminary Economic Assessments
- Scoping Studies
- Pre-Feasibility Studies
- Feasibility Studies
- Market Surveys & Economics
- Risk Assessment & Risk Management
- Detailed Engineering Design, including Mine Infrastructure, Materials Handling, EHS Management
- Mine to Port Design
- Optimisation Studies
- Procurement & Training

Specialist Mine Engineering / Owner's Engineer

DMT has developed a variety of specialist engineering tools and services particularly suited to the challenging aspects of deep underground mines. DMT is also one of the few mining consultants that can provide Owner's Engineer services on site, so that we can assist our clients at all stages of the design, construction and operation of their mines.

As a result of our long involvement in the mining industry, DMT has developed a range of specialist engineering tools and skills that are particularly applicable to deep underground mines. We offer state-of-the-art engineering solutions focused on mine optimisation and mitigation of risks in operating mines.

Thanks to its involvement in the construction and operation of many mines around the world, DMT has also built up considerable operational expertise in acting as Owner's Engineer. Typically these assignments involve basing one or more of our professional staff on-site, on a permanent or semi-permanent basis. This allows us to better assist a mine owner and developer by overseeing the design, construction, and/or operation of a mining project. DMT is also able to provide practical and operational training for the owner's personnel if this is required.

- Deep Shaft Engineering
- Strata Control & Rockburst Prevention
- Mine Development and Extraction Optimisation
- Backfill System Design and Construction
- Mine Ventilation & Gas Control
- Water Inflow Modelling and Control Management
- Mineral Transport and Logistics System Engineering
- Mine Closure Planning & Remediation
- Owner's Engineer





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