

## Exploration Services

Explore the Difference!



### Project Shortlist

- EPCM Services for the Cerattepe Cu Project, Turkey  
Artvin Bakir Isletmeleri A.S., 2006 – 2008
- CPR for LSE Listings  
Ag-Au Projects in Peru, Argentina and Mexico  
Hochschild Mining Pty., UK, 2006  
Cu & Zn Projects, Kazakhstan  
Kazakhmys PLC, 2004 – 2005
- Bankable Feasibility Study for the Etoile Cu/Co Mine,  
D.R. Congo  
Chemaf S.P.R.L., 2006 -to date
- Due Diligence for the Aguas Teñidas Pb/Cu Project, Spain  
Investec Bank, UK, 2005 to date
- DMT CoreScan3  
Lumwana Mine, Zambia, 2010, 2011
- Independent Engineer for the  
Aguablanca Ni/Cu/PGM Project, Spain  
Investec Bank, UK, 2004 – 2005
- Feasibility Study for the Beneficiation Plant for  
Nokkundi Iron Ore, Pakistan  
Bolan Mining Enterprises, 2005 to date
- Las Cruces Bankable Feasibility Study, Spain  
Cobre Las Cruces.S.A., 2003-2004, 2005

+49 201 172-1970

### About DMT

DMT, headquartered in Essen, Germany, together with its consulting subsidiaries, is an independent engineering and consulting company. About six hundred employees render services in the form of consulting and tailor-made assistance. DMT's activities focus on the field of natural resource exploration, mining, construction and infrastructure projects, and coke making technology.

Resource services have been our profession for more than 150 years and are performed worldwide in more than 150 countries. DMT is a member of the TÜV NORD Group.

DMT GmbH & Co. KG  
Exploration & Geosurvey

Am Technologiepark 1  
45307 Essen  
Germany

Telefon +49 201 172-1970  
Telefax +49 201 172-1971  
exploration@dmtd.de  
www.dmt.de

Member of TÜV NORD Group





## Explore the Difference!

As a modern service company we offer you tailor-made as well as complete solutions in all aspects of geological and geotechnical work from design right through to execution stages. For you, this means more reliability in your projects, taking advantage of our high level of expertise, and accurate data acquisition using the very latest digital technology. And all that comes with minimum interpretation time.

DMT's teams comprise highly trained geoscientists, engineers and technicians who support you in handling complicated assignments – with long-standing experience and a confident look on financial aspects.

Even in tough conditions and with tight time lines we ensure the greatest accuracy and reliability for your confidence in your projects. This is our reputation with customers in the mining, tunnelling and underground construction business, with utility providers and authorities.

Our strength is the interdisciplinary cooperation between geoscientists, physicists, economists and business experts. Together we get the very best out of your projects.

It is your choice what you need from our extensive portfolio. We will be your creative and innovative partner with abundant know-how and experience.



## Consulting / Resource Evaluation

### Geological Services

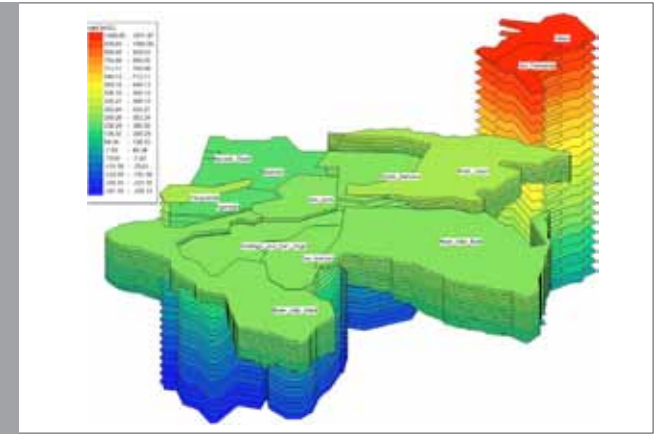
- Intelligent Geological Solutions for the Resource Sector
- Planning, Implementation and Supervision of Target
- Generation and Exploration
- Geotechnical Engineering
- 3D (Block) Modelling
- Compliant Resource Evaluation
- Due Diligence

### Geophysical Services

- Borehole Geophysics
  - Well Logging
  - Borehole Shuttle (wireless for inclined drill holes)
- Seismics, Gravity
- Resistivity, Electromagnetics, Magnetics

### High-Tech Core-Logging with DMT CoreScan3

- Portable Stand-Alone System
- Structural Analyses
- Analyses of Mineral Distribution
- Grain Size Distribution
- Determination of Geotechnical Parameters (RQD, JF, JS)
- Proprietary Software
- Digital Drill Core Library
- Online Global Accessibility of Core Images



## Mining Consulting

### Our Competence

- Exploration
- Deposit Evaluation (PERC, JORC, NI 43-101, etc.)
- International Investor Support
- Strategic Development and Reconstruction
- Project Management, Feasibility and Design
- Mine Water and Gas
  - Dewatering Concepts, Degasification and Gas Utilisation
  - Quality Forecast
  - Water and Gas Management in Active Mines
- Environmental Impact Assessment and Management Systems
- Procurement, Project Implementation and Operational Assistance, EPC
- Metal and Mineral Processing
- Mine Safety and Training
- Research and Development