



Automatic rock classification

## Your project

Drilling campaigns in the field of:

- Raw Material Exploration
- Geotechnical site investigation
- Geothermal energy
- Repository search

## Our offer

- Increased planning reliability through precise data acquisition nearly in real-time
- Optimization of time and effort through automatization and digitalization
- Targeted drill core sampling and laboratory analysis
- Improved geological interpretation through systematic, consistent and repeatable drill core logging
- Automated rock classification in customer-specific “drill core database” through machine learning
- Continuous determination of the chemical and mineralogical rock composition

## DMT GROUP

Excellence and innovation in everything we do – this is our claim as an independent, global engineering and consulting company in the construction, mining, plant and mechanical engineering sectors. DMT is the “Engineering & Natural Resources” division of the TÜV NORD GROUP.

Sustainable value creation for our clients is always the goal – knowledge, digitalization and internationalization are our success factors. To this end, we count on our 1,100 employees, 14 subsidiaries, 30 locations and 280 years of experience.

In infrastructure, civil engineering and mining, we are general planners and specialists. We implement system and individual solutions in every discipline and bundle competencies for consulting, engineering, tendering, implementation, monitoring, operation and refurbishment, ensuring planning and investment safety for our customers.

**We call this engineering performance.**

## DMT

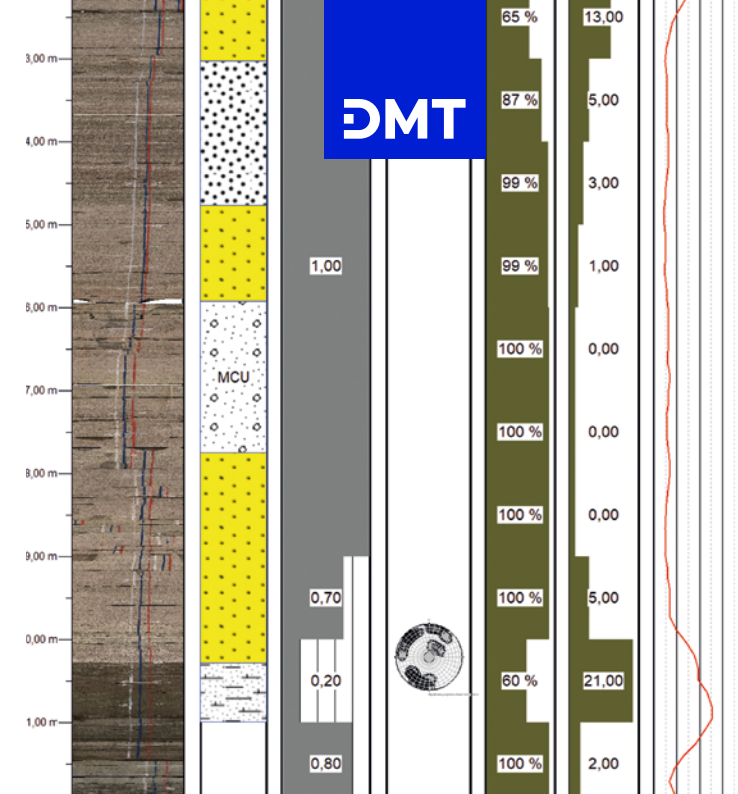
**DMT GmbH & Co. KG**  
Civil & Mining Engineering

Am TÜV 1  
45307 Essen  
Germany

T +49 201 172-01  
F +49 201 172-1880

cme@dmt-group.com  
dmt-group.com

DIN EN ISO 9001  
DIN EN ISO 14001  
DIN ISO 45001



# CoreScan Services

Automated analysis and digitalization of drill cores

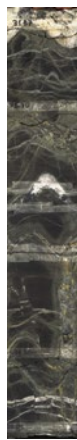
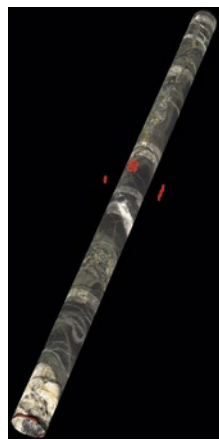
Civil & Mining Engineering  
dmt-group.com

Engineering  
Performance

TÜVNORDGROUP



DMT CoreScan®3 and digitized drilling core

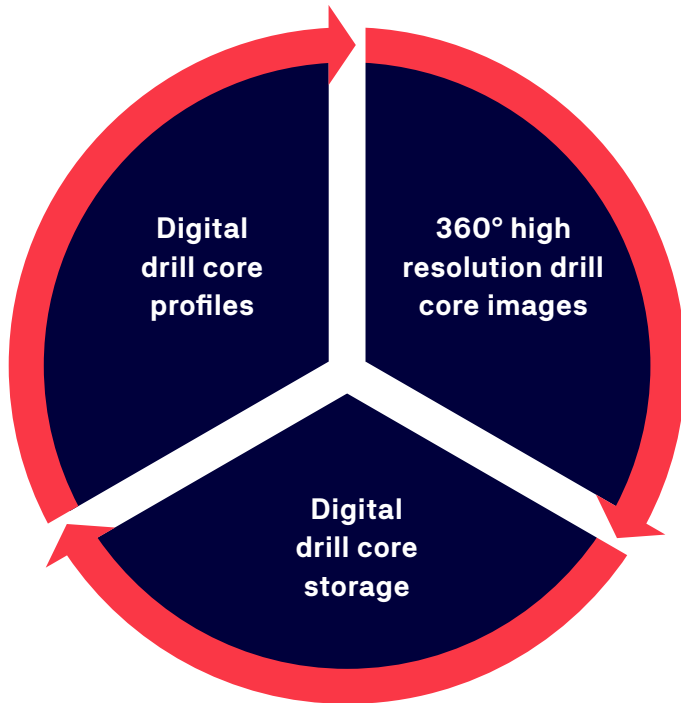


## Your benefit

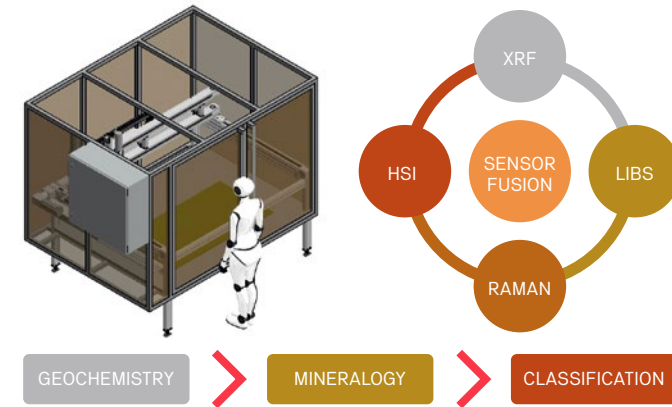
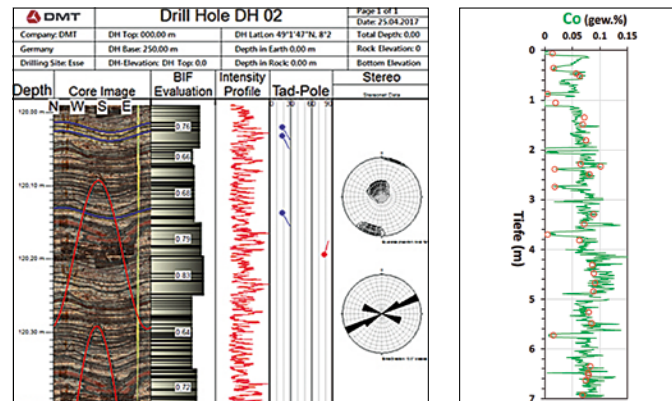
- Digitalization of the drill core recording
- 360° imaging / drill core imaging
- Automated rock classification
- Geotechnical interface survey
- Complete, clear documentation
- Quality assurance through systematic drill core approach
- Customized “Digital Drill Core Storage”
- Preservation of evidence through digital imaging of the drill core
- Increased planning reliability through precise data in nearly real-time
- Online data access

## DMT CoreScan®3

Digitalization through high-resolution drill core images



Data visualization - Digital drill core profile



Ancorelog – Analytical Core Logger

## ANCORELOG – Analytical Core Logger

Sensor-supported automation of the drill core intake

