GEO PLANNING

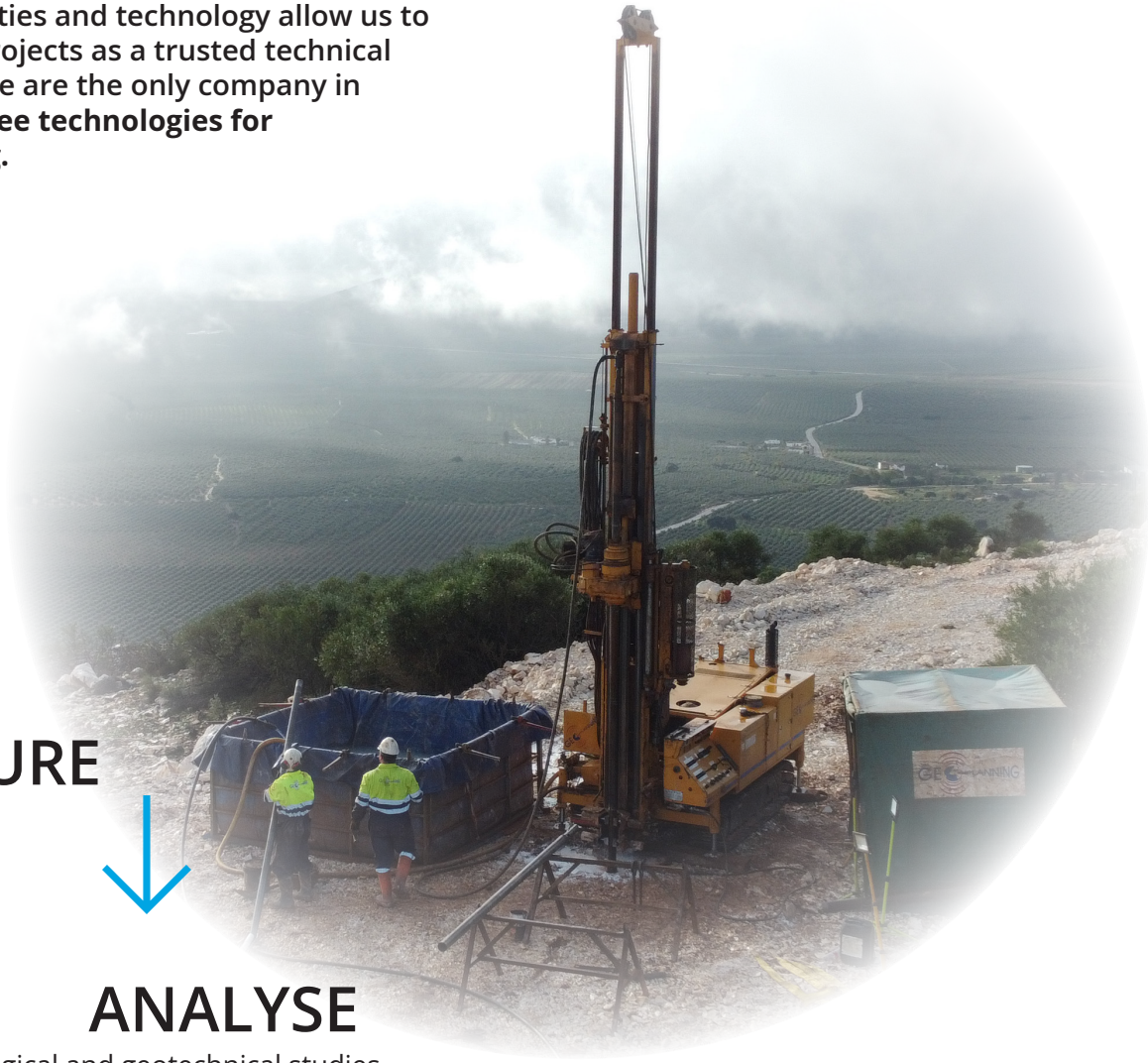
MINING AND DEEP DRILLING

UNDERSTAND THE GROUND
GO FURTHER



Geoplanning provides engineering services specialising in mineral exploration, **geotechnics and the environment.**

Our experience, capabilities and technology allow us to undertake all types of projects as a trusted technical partner to our clients. We are the only company in our country with all three technologies for continuous core drilling.



DRILL
Wireline
Sonic
Conventional

MEASURE
Monitoring
In situ testing
Laboratory

ANALYSE
Geological and geotechnical studies

EXPERIENCE — **TRUST** — **FLEXIBILITY** — **INNOVATION** — **SAFETY** — **RESPONSE**

WIRELINE

DEEP DRILLING

The experience and technical expertise to deliver mineral exploration **and deep drilling projects, ensuring reliability and continuity** throughout operations.

Drilling capacity
1,800 m



OPERATIONAL CAPACITY
Extensive equipment fleet

RELIABILITY
Experience and technical expertise

IN-HOUSE MECHANICAL WORKSHOP
Rapid troubleshooting

EXPERIENCE
Metallic mineral projects:
Cu, W, Li, Zn, Sn, Au, Ag, Pb, Fe, Ta, Ni...

Industrial mineral projects:
Limestone, clay, magnesite, marble, gypsum, feldspar...



SONIC DRILLING

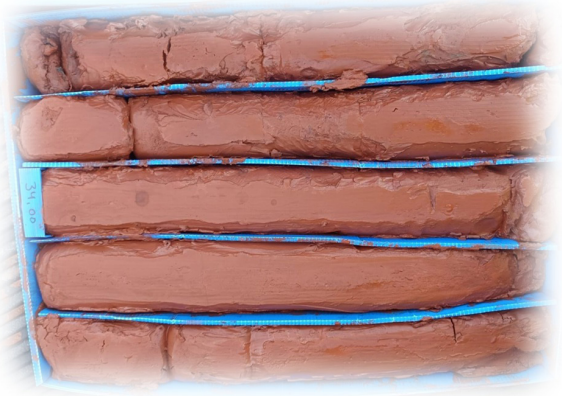
WHEN THE GROUND GETS TOUGH

Sonic drilling for applications and ground conditions where other techniques encounter difficulties.

Drilling capacity

up to 90 m

TAILINGS - WASTE DUMPS
CHALLENGING GROUND





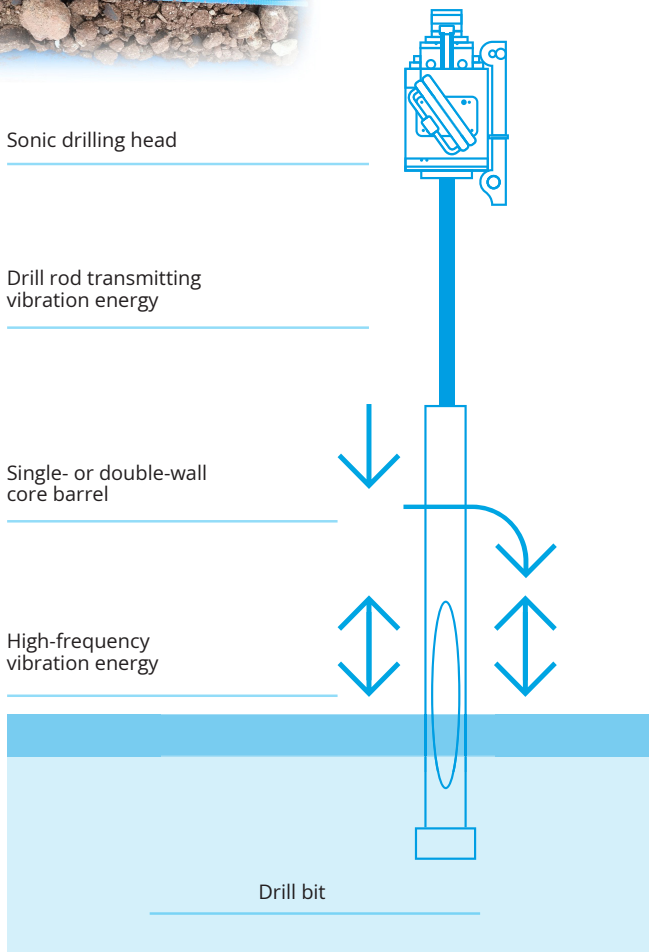
WHY SONIC?

MAXIMUM CORE RECOVERY
Nearly 100% recovery in
low-cohesion or non-cohesive materials

MINIMAL DISTURBANCE
Minimally disturbed samples

SONIC + DIAMOND
Dual-head drilling rigs

NO WATER
Drilling without water in
certain ground conditions



IN SITU TESTING

WE DO MORE THAN DRILL
WE PROVIDE INSIGHT

Geoplanning specialises in in situ borehole testing, providing key information and helping clients optimise their investment in ground characterisation.



PERMEABILITY

BOREHOLE DEVIATION

STRENGTH

GEOPHYSICS

MONITORING SERVICES

MEASURE THE GROUND
MONITOR ITS
BEHAVIOUR

Geoplanning integrates instrumentation and monitoring solutions into geotechnical investigations and drilling projects.

VIBRATING WIRE PIEZOMETERS

INCLINOMETERS

EXTENSOMETERS

LOAD CELLS

AUTOMATION

24/7







TESTING LABORATORY

QUANTIFYING GROUND PROPERTIES

Geoplanning has its own geotechnical testing laboratories. Laboratory tests complement fieldwork and provide parameters for the geotechnical characterisation of samples recovered during drilling.

GEOLOGISTS AND GEOLOGICAL ENGINEERS

FROM GROUND DATA TO INSIGHT

Our team of geologists specialises in interpreting information gathered during fieldwork and preparing geological and geotechnical studies.

GEOLOGY

GEOTECHNICS

INTERPRETATION

STUDIES



DOING THINGS RIGHT ALSO MEANS CARING FOR THE ENVIRONMENT

01
SAFETY
People's safety

02
ENVIRONMENT
Respect for the environment

03
RIGOUR
Rigour in execution

TRUSTED BY THESE ORGANISATIONS

CLC Cobre Las Cruces, S.A.
CSIC Consejo Superior de Investigaciones Científicas | IGME Instituto Geológico y Minero de España
Europa Metals
gevora
Iberian Resources
Minera Los Frailes
Orovalle
tme Technology Metals Europe
Variscan Mines
Calcinor
Cementos Lemona A CRH Company
Cosentino
Levantina The Stone Company
Molins
Sibelco
Magsor Magnesitas Sorianas
Lhoist
Pamesa Cerámica
Promindsa
Saint-Gobain
Zeleta Canteras y hormigones
Myta
CRS Ingeniería
Sema
Geomatec earth technology
Systra Subterra
ICGC Institut Cartogràfic i Geològic de Catalunya
Reverté



GEOPLANNING

Mining and deep drilling
Ciudad Rodrigo - Salamanca

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