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SERVICES PROVIDED BY INNOGEO

SUB-SOIL IMAGING, INVESTIGATION AND GEOPHYSICAL STUDY

Search for underground cavities by microgravimetry / Gravimetry and GPR
Sub-soil geological characterisation (on ground or under water)
GPR
Seismic / refraction / surface waves MASW, SASW / seismic tomography
Seismic / Cross-Hole - Down-Hole - Up-Hole Testings – Seismic coring / Site effects -H/V
Electrical / Electric sounding and drag, tomography (ERT)
Electrical / Earthing / Measurement of spontaneous potential / Measurement of spontaneous polarisation
Electromagnetism / EM31 - EM34 - EM38 - EM61
Geomechanical characterisation of rocks or concrete structures
Flat jack trial on walls, Plate bearing testing in galleries, Dilatometer testing in boreholes
Search for buried metallic objects by magnetic and/or electromagnetic measurements
Determining thermal resistivity/ thermal conductivity
Bathymetric log, underwater control (Side scan sonar, ROV, sub-bottom profiler).

GEO-DETECTION AND GEO-REFERENCING OF UNDERGROUND NETWORKS

Search and locating all types of buried networks by radar and radio-detection
Study of layout of a new network around existing ones

FOUNDATION CHECK

Control of depth and wholeness by PS / Impedance / Echo / Impact-echo tests

CONTROL AND INVESTIGATION OF CONCRETE STRUCTURES

Investigation by ultrasound test – Infrared thermography
GPR investigation (locating steels, cover, concrete anomaly...)
Corrosion control with potential and resistivity measures

VIBRATION STUDY, CONTROL, AND MEASURES

Study and control of vibration effects due to explosives, building machines, traffic, machine tools
Vibratory study

INSTRUMENTATION AND MONITORING OF UNDERGROUND AND STRUCTURAL DEFORMATIONS

Measures of displacement, deformation / stress, pressure, temperature, vibration ...
Design and development of measuring system

SUPPORT

Technology transfer and innovation support, Investigation support and guidance, instrumentation, monitoring, Technical training

INNOGEO works on the ground, on the water, and on boreholes
INNOGEO operates in France and around the world

Headquarters: Savoie Technolac - BP 306 - 27, allée du lac d'Aiguebelette - 73377 Le Bourget du Lac Cedex
S.A.S with 40,000€ capital - RCS Chambéry 508 761 079 00021 - APE 71.12B