4 LOCATIONS 1 LAB IN EACH REGION 16 PERMANENT TECHNICIANS

Atterberg limits

Sedimentometric analysis





IDENTIFICATION TESTS: ATTERBERG LIMITS, GRANULOMETRY, SEDIMENTOMETRY, METHYLENE BLUE TEST, DENSITY, WATER CONTENT, CARBONATE CONTENT, ORGANIC CONTENT, AGGRESSIVENESS TOWARD CONCRETE BASED ON NF EN 206-1 STANDARD, SOIL CORROSIVITY, CLASSIFICATION BASED ON ROAD EARTHWORK GUIDELINES, ETC.

Our Quality Management System is **certified as compliant to ISO 9001** by **SOCOTEC-Certification** (N° CSM/GEO005)

BEHAVIOUR TESTS

Effective shrinkage limit



35 OEDOMETER FRAMES 8 FRAMES FOR SHRINKAGE







DIRECT SHEAR TESTS WITH SHEAR BOX APPARATUS
- 5 APPARATUS WITH AUTOMATIC ACQUISITION

QUALITY AND METROLOGY

Our Quality Management System is certified as compliant to ISO 9001 by SOCOTEC-Certification (N° CSM/GEO005)

TRIAXIAL APPARATUS TESTING



EQUIPMENT WITH CONTROLS & AUTOMATIC ACQUISITION: 6 PRESSES, 24 PRESSURE-VOLUME CONTROLLERS (GDS) 6 FORCE TRANSDUCERS, 6 DISPLACEMENT TRANSDUCERS 6 INTERSTITIAL PRESSURE TRANSDUCERS, 12 CELLS **PREPARATION OF SAMPLE AND INSTALLATION IN CELL**

ROAD GEOTECHNICS AND EARTHWORK TESTING

FORMULATION FOR SOIL TREATMENT BASED ON SOIL TREATMENT GUIDELINES

- **1- SOIL TREATABILITY TESTS**
- 2- REUSE OF OVERLY WET SOIL
- 3- UPPER EARTHWORK LAYER IMPROVEMENT
- 4- USE AS SUBGRADE

CLASSIFICATION OF ROCKY MATERIALS

1- FRAGMENTIBILITY & DEGRADABILITY 2- LOS ANGELES & MICRO-DEVAL TESTS

ROCK MECHANICS

UNIAXIAL COMPRESSIVE STRENGTH, INDIRECT TENSILE STRENGTH, YOUNG MODULUS (E), ETC.

4 COMPACTION & TREATMENT UNITS

