

OUR SERVICES

Rental Services:

- 70 / 35 / 25 Ton Crawler Crane
- 25 / 5 Ton Tire Crane
- Concrete Pump (65m³/hr)
- Excavator/Payloader/Dump Trucks
- Diesel and Hydraulic (Vibro) Hammer
- Low-bed (60Ton) & High-bed Trailer
- 700Ton & 200Ton Capacity Steel Barge
- 700HP Tugboat

Consultancy Services:

- Design of R.C.C, Pre-stressed, Steel Structures and Foundation
 - Pre-stressed Flat slab (40ft Span), Tall Buildings, Jetties, Factories Silos.
 - Steel Structure Design.
- Geotechnical Investigation Services with Cased Rotary Drilling:
 - Fully Cased Drilling up to 140m depth (Offshore/Onshore)
 - Fully Equipped own Soil Laboratory with Tri-axial test.
 - Computerized Electronic Cone Penetration Test (E-CPT) and Flat Plate Dilatometer Test (DMT), Vane Shear Test
- Pile Driving Analyzer (PDA) to ascertain pile capacity instantly from PDI, USA
- Pile Integrity Testing (PIT) from PDI, USA

Construction Services:

- Large Scale Construction
 - Factory, Bridge, Jetty, Tall Buildings etc.
- Pre-stress Structures:
 - Pre-stress Flat Slab and PSC Girders.
 - Silo (Slip-Form).
- Steel Structure Fabrication & Erection.
- Onshore/Offshore Piling Works.
 - Rotary RCD/Bucketed Drilling up to 2000mm (80in) diameter & up to 80m (260ft) depth.
 - Pre-cast Piles 30m (100ft) without Splice.

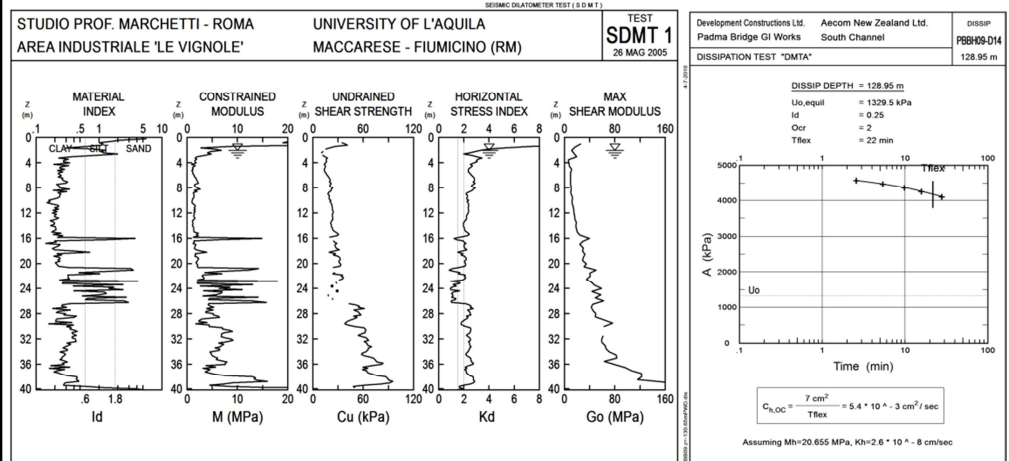
FLAT PLATE DILATOMETER TEST (ASTM D6635)



Control Unit



Test at 135m Depth



DMT Report

Dissipation Test

ADVANTAGES

- CAN BE USED IN A DRILL HOLE OR USING A PENETROMETER.
- QUICK MOBILIZATION/DEMobilIZATION AND TEST TIME. USUALLY A 30M TEST CAN BE PERFORMED WITHIN 6HRS.
- COMPLETE REPORT IS AVAILABLE IMMEDIATELY AFTER COMPLETION OF TEST. NO EXTRA TESTING REQUIRED.
- PORE PRESSURE DISSIPATION TEST FOR PERMEABILITY PARAMETER.
- RIG CAN BE MOUNTED ON TRAILER, TRUCK, CRAWLER, OR OFFSHORE PLATFORM.
- PARAMETERS OUTPUT: FRICTION ANGLE, UNDRAINED SHEAR STRENGTH, COEFFICIENT EARTH PRESSURE IN SITU, OVERCONSOLIDATION RATIO, COEFFICIENT OF PERMEABILITY, UNIT WEIGHT, EQUILIBRIUM PORE PRESSURE, SOIL CLASSIFICATION FOR EVERY TWENTY CENTIMETER.

FOR SERVICES OR FURTHER INFORMATION, PLEASE CONTACT:

**DEVELOPMENT CONSTRUCTIONS LTD.
FOUNDATION CONSULTANTS LTD.**

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