

OUR SERVICES

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.

Rental Services:

- 70 / 35 / 25 Ton Crawler Crane
- 25 / 5 Ton Tire Crane
- Concrete Pump (65m³/hr)
- Excavator/Payload/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

DYNAMIC TESTING OF PILES (ASTM D4945)



10Ton Hammer Impact

Foundation Consultants, Ltd.

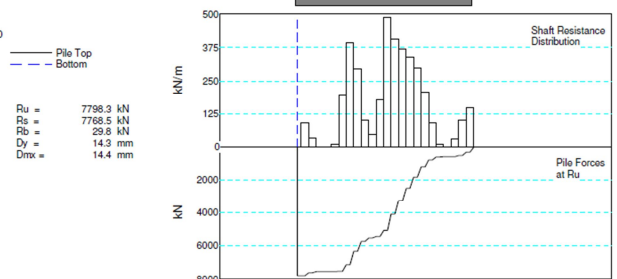
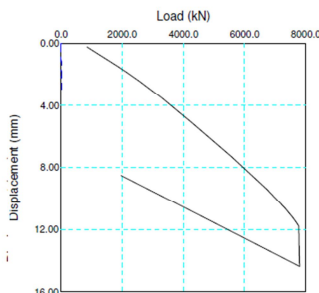
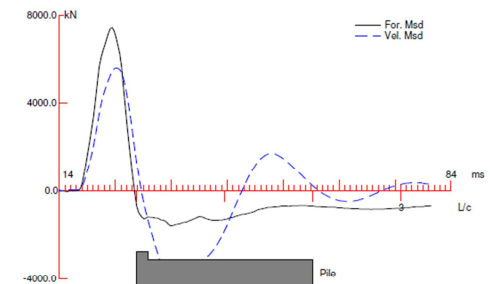
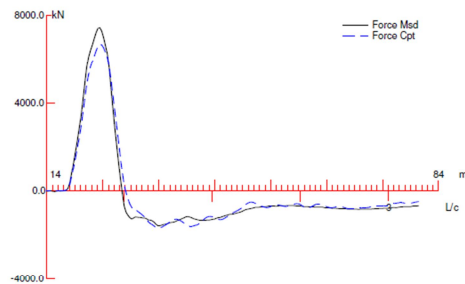


Pile Driving Analyzer (PDA)



Installation of Gauges

CAPWAP® Ver. 2000-1



Sample Test Report

ADVANTAGES OF DYNAMIC LOAD TEST

- Faster mobilization and testing. Able to test multiple piles per day using a single PDA unit. A non-destructive method to measure the ultimate capacity of piles.
- Report includes prediction on pile performance. Predicts soil resistance for entire length of pile shaft and end bearing independently.
- Report includes pile integrity test report and location/scale of damage(s), if any.

FOR SERVICES OR FURTHER INFORMATION, PLEASE CONTACT:

DEVELOPMENT CONSTRUCTIONS LTD.
FOUNDATION CONSULTANTS LTD.

HOUSE 11, ROAD 19/A, SECTOR 4, UTTARA MODEL TOWN
DHAKA 1230, PHONE: 8957236 FAX: +880-2-8957243
EMAIL: dcl@dcl-fcl.com, WEB: <http://www.dcl-fcl.com>

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