

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.

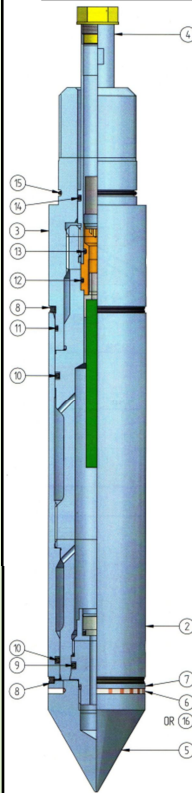
Consultancy Services:

- 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

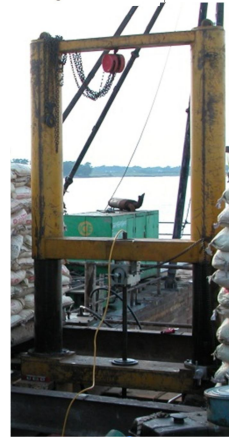
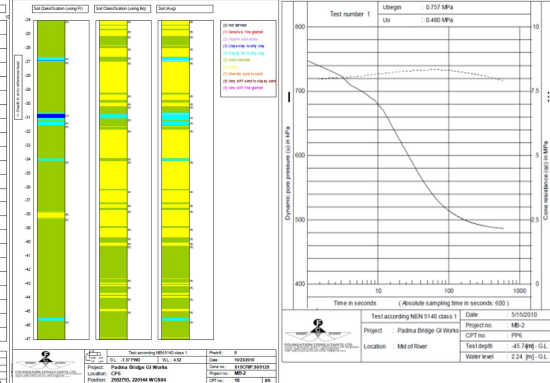
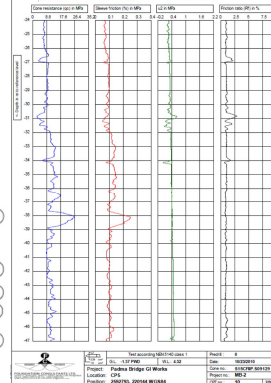
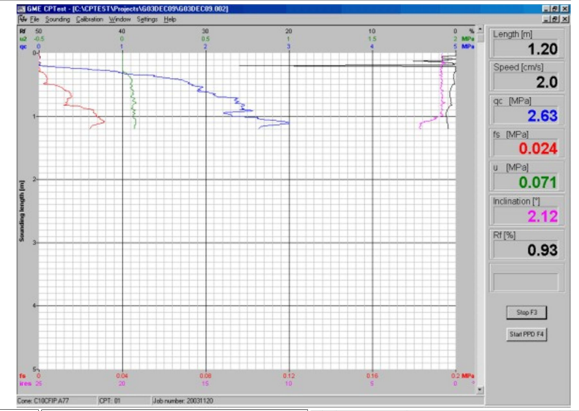
Rental Services:

- 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

ELECTRONIC CONE PENETRATION TEST (ASTM D5778)



#	QTY	DESCRIPTION
1	1	CONE TIP ELEC CONE S15
2	1	FRICTION SLEEVE ELEC CONE S15 225 CM2
3	1	END PIECE ELEC CONE S15
4	1	CONNECTOR HOUSING S10 CONE
5	1	CONE TIP ELEC CONE S15 P
6	1	FILTER RING ELEC CONE S15 P HDPE
7	1	RETAINING RING FILTER EL CONE S15 P
8	2	QUADRING 36.17 x 2.62
9	1	O-RING 17.12 x 2.62
10	2	O-RING 33 x 2.62
11	1	O-RING 34.65 x 1.78
12	1	O-RING 10.82 x 1.78
13	1	O-RING 8.25 x 1.78
14	1	O-RING 14 x 2
15	1	O-RING 30 x 2
16	1	FILTER RING ELEC CONE S15 P BRASS
17	1	TOP PART CONE TIP U1 ELEC CONE S15 P
18	1	FILTER RING U1 ELEC CONE S15 P BRASS
19	1	BASE PART CONE TIP U1 ELEC CONE S15 P



Penetrometer



Offshore Test



Digitizer

Report

ADVANTAGES

- COMPLETE RECODING, LOGGING ARE ELECTRONIC AND AUTOMATIC.
- QUICK MOBILIZATION/DEMOLIBIZATION AND TEST TIME. USUALLY A 60M 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: CONE PRESSURE, SLEEVE FRICTION, PORE PRESSURE, EXCESS PORE PRESSURE, VERTICAL STRESS, EQUIVALENT SPT N₆₀, FRICTION ANGLE, UNDRAINED SHEAR STRENGTH, RELATIVE DENSITY, SOIL CLASSIFICATION FOR EVERY CENTIMETER.

FOR SERVICES OR FURTHER INFORMATION, PLEASE CONTACT:

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FOUNDATION CONSULTANTS LTD.

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Celebrating
INCORPORATED
1978
30
Years

