

# CPT EQUIPMENT

Gregg Drillings "Cone Trucks" are designed and built in-house, allowing us to respond to the changing needs of our clients by customizing our own equipment. In addition, specially designed probes and samplers are available and can be deployed with the CPT to obtain additional data pertinent to geotechnical and environmental investigations.

## CPT ADVANTAGES

- Detailed hydrogeologic profiling at an average rate of 400 to 600 feet per day - rapid and cost-effective
- Provides a near continuous log of the site lithology
- Real-time data enabling an accurate, on-site, lithologic subsurface representation
- Ideal for sands, silts, clays, soft soils and mine tailings
- Provides piezometric data in addition to geotechnical design parameters

## EQUIPMENT

- 30 Ton 6 x 6 CPT rigs
- 25 Ton truck mounted CPT rigs
- 20 Ton track mounted CPT rigs
- "Ramset" limited access systems
- Minicone systems
- Truck mounted CPT/direct push support trucks

## MODULES AND SAMPLERS

- Seismic Cone Penetrometer (SCPTu)
- Electronic Piezocone Penetrometer (CPTu)
- Ultra-violet Optical Screening Tool Module - used for hydrocarbon screening (UVOST/CPT)
- Soil Sampling (Piston Sampler)
- Water Sampling (Hydropunch)
- Soil Vapor Sampling (In-line, Post-run, MIP)

RIG DIMENSIONS *				
RIG	Length	Width	Working Height	Travel Height
Truck Rig (Highway)	32'	8' 6"	12' 6"	11' 5"
Truck Rig (Off road)	34' 4"	8' 2"	14' 10"	13' 10"
Track Rig	20'	9'	13' 2"	11'

\* Approximate dimensions for typical CPT rig.



On board field computers collect and display data in real-time, enabling an accurate, on-site, lithologic subsurface representation.



20 Ton track mounted CPT rig is suited for off road areas with rugged terrain.



Ramset limited access CPT system requires only 5 feet of vertical clearance and has a footprint of only 2 square feet.



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