Mini CPT Equipment
(Land Application)

Gregg Drilling & Testing has developed a unique miniature cone penetrometer (Mini CPT) system. The remotely operated unit can be deployed with all terrain vehicles for land use or with barges and work boats in an over-water configuration.

For use on land, the Mini CPT can be used in conjunction with Direct Push and all terrain equipment to compliment the full suite of sampling capabilities for both geotechnical and environmental sites with limited or difficult access.

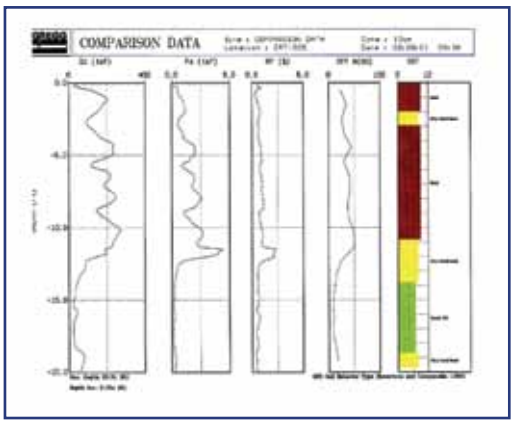
Mini CPT shown here on all-terrain drill rig.

ADVANTAGES:

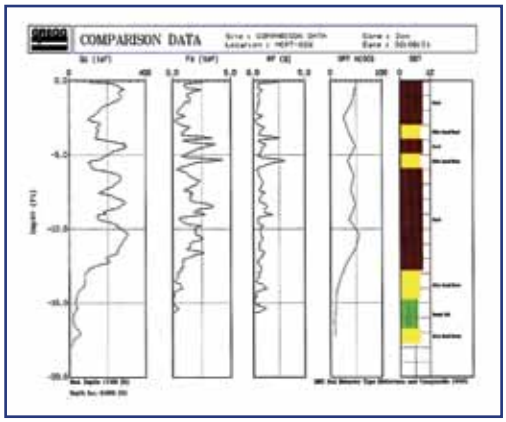
- 2 cm^2 cone provides the same valuable stratigraphic detail and soil strength information as the large diameter cone
- Smaller cone relates to a smaller zone of influence in the soil and therefore, more detailed stratigraphic logging.
- Mini CPT detects small, thin layers better than larger cones.
- Pushing system completely operator independent.
- Cost effective solution for difficult access locations.

Mini CPT system can accompany direct push and all terrain equipment for use on land.

COMPARISON DATA



CPT data collected with 10cm^2 cone.



CPT data collected with 2cm^2 miniature cone.

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Web Site: www.greggdrilling.com Email: info@greggdrilling.com