

CPT with a Drill Rig
**an efficient transition to an
exciting soil investigation method**

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April 2011 - Cheyenne, WY



The participants

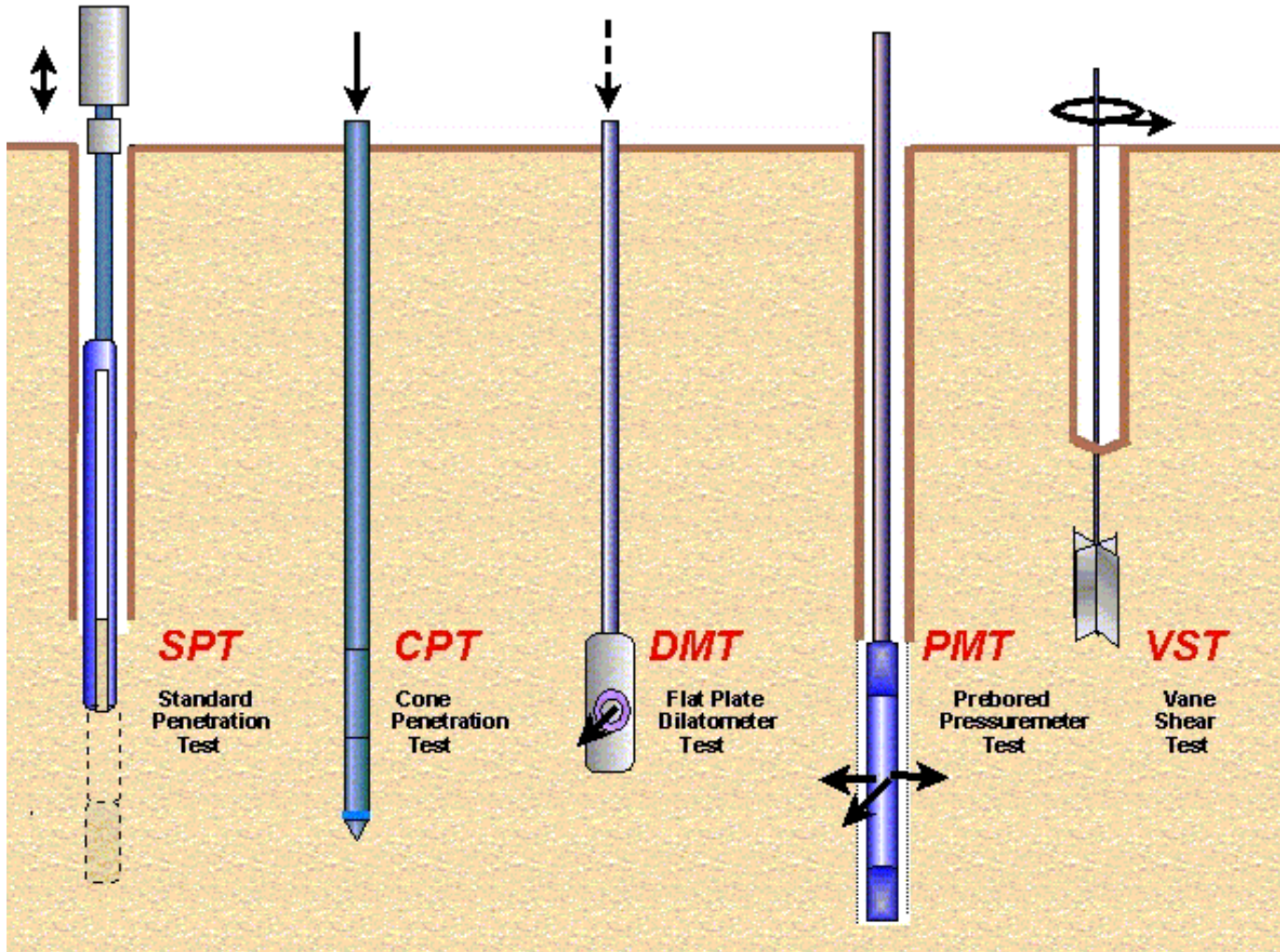


The World trusts our Expertise

The drillers



What is CPT

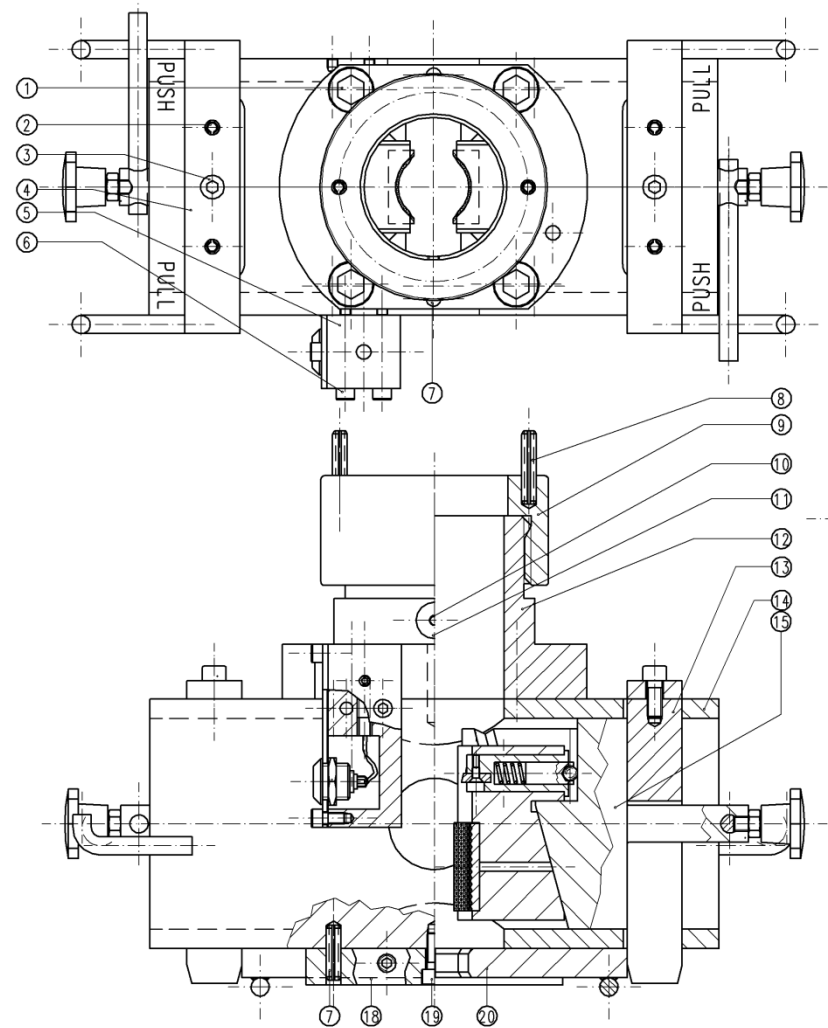


What is CPT



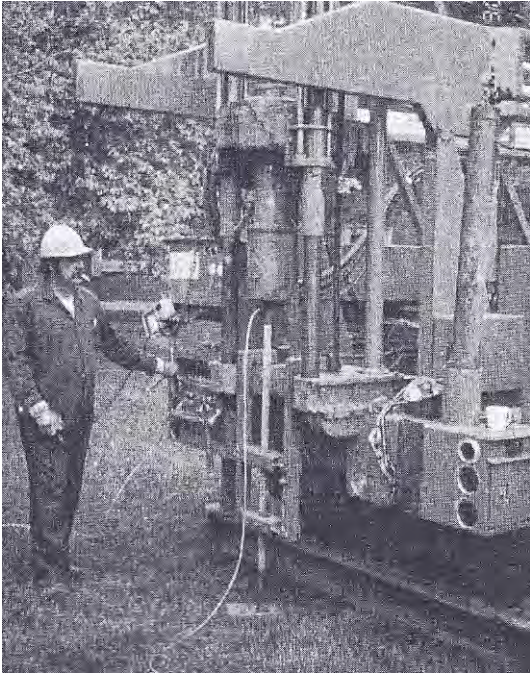
- **Electronic Steel Probes with 60° Apex Tip**
- **ASTM D 5778 Procedures**
- **Hydraulic Push at 0.8 inch/s**
- **No Boring, No Samples, No Cuttings, No Spoil**
- **Continuous readings of stress, friction, pressure**

How to transition into CPT



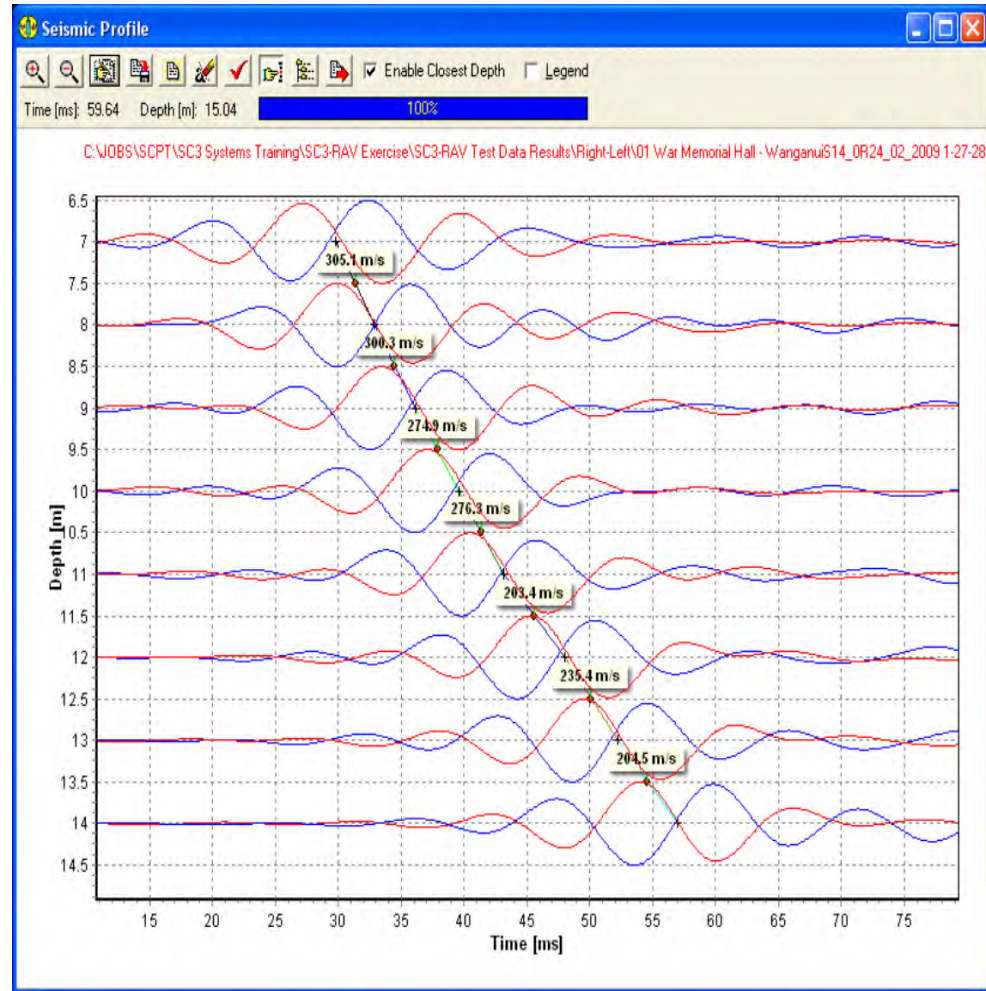
More efficiently

How to transition into CPT



More efficiently

Other options



Seismic CPT

Other options



The probe measures various parameters from which the soil moisture content can be derived.

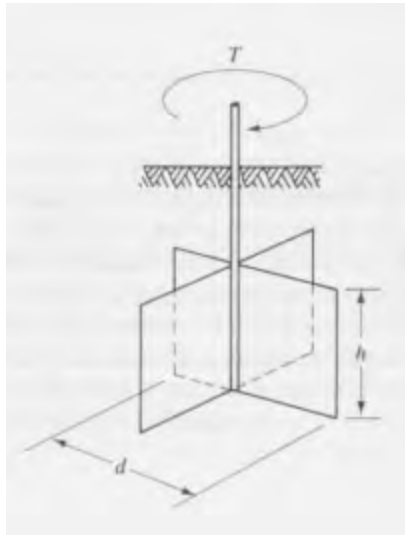
Soil Moisture Probe

Other options

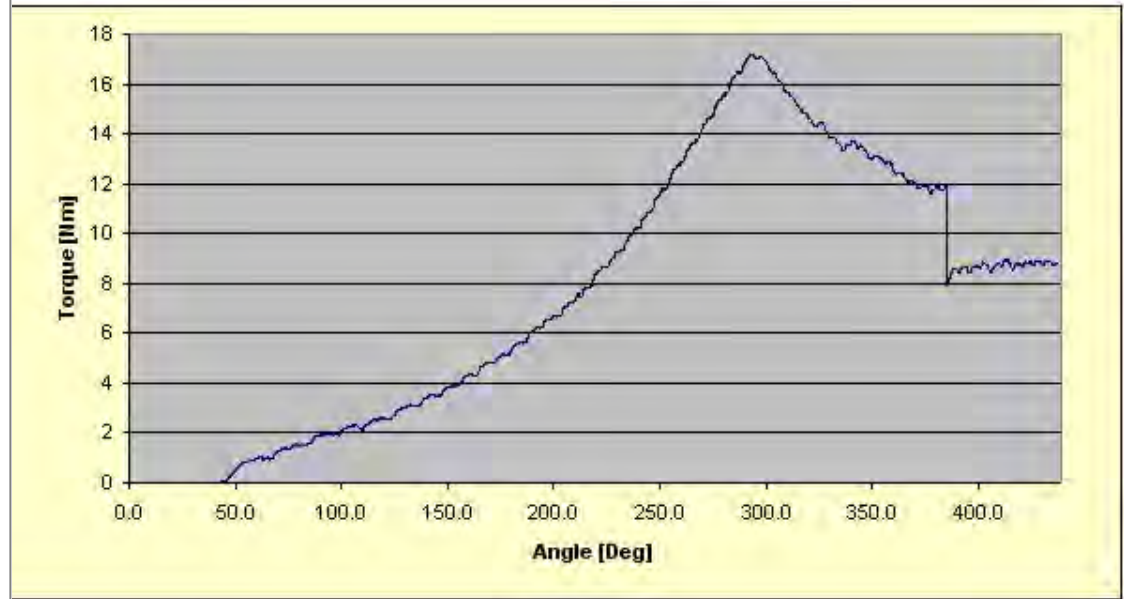


Vane Testing

Other options



Project:	S203vane test	Operator:	Kim
Test hole:		Date:	
Test No.:		Ground Level:	3.09
Client:		Comment:	
Depth:	6.00		
	V1		
Vane Type:	[50x100mm]	Vane constant:	2.182
Sensing [sec]:	1		
Residual shear stress:	8.692	kN/m²	
Shear stress:	37.438	kN/m²	
Failure force:	17.158	Nm	
Friction force:	0.000	Nm	<input type="text" value="12"/> [Deg]



Vane Testing – fully automatic 21