

# FOR INFORMATIONAL PURPOSES - ONLY

## PRELIMINARY DRILLING FEE SCHEDULE

Pay Item	Unit	Unit Prices*		
		Land Borings		Water Borings
		Truck	ATV	
Mobilization and Demobilization	LS			
Utility Check/Marking	LS			
Solid Auger Boring - 6 1/2" O.D.	LF			
Soil Boring (hollow stem) - 2 1/4" I.D.	LF			
Soil Boring (hollow stem) - 3 1/4" I.D.	LF			
Soil Boring (hollow stem) - 4 1/4" I.D.	LF			
Casing Advancer Boring - 3" I.D. (NW)	LF			
Mud Rotary Drilling	LF			
Rock Coring (A series)	LF			
Rock Coring (N series)	LF			
Pavement Core, 4" to 8" diameter, Asphalt (includes patch)	Linear Inch			
Pavement Core, 4" or 8" diameter, Concrete (includes patch)	Linear Inch			
Grouting Abandoned Hole	LF			
Bulk Soil Sample Collection (40 pound)	EA			
Moisture Sample Collection (8 ounce) (when required from cuttings; this	EA			
Slope Inclinator Installation - 1.9" I.D. Casing	LF			
Slope Inclinator Installation - 2.75" I.D. Casing	LF			
Slope Inclinator Installation - 3.34" I.D. Casing	LF			
Piezometer/Standpipe Installation - 1" PVC Casing	LF			
Piezometer/Standpipe Installation - 2" PVC Casing	LF			
Stand-By Time (when work is on hold due to VDOT; this price will include all direct and indirect costs incurred when on stand-by)	HR			
Water Hauling (when needed, this is time of personnel only to haul water to site)	HR			
Clearing/Moving Time (for time > 30 minutes per Boring)	HR			
Night/Weekend Work Surcharge	Shift			
Site Restoration (Seeding/Mulching/Grading etc.) per Boring	EA			

Per Diem shall be per VDOT Travel Policy.

\*All prices to include any coordination time.

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## PRELIMINARY IN-SITU FEE SCHEDULE

Test	Unit	Unit Price**	Test Method			
			AASHTO	ASTM	VTM	Other
Standard Penetration Test - 0 ft to 50 ft	EA		T206	D1586		
Standard Penetration Test - 50 ft and greater	EA		T206	D1586		
Thin Wall Tube Sample - 3" (Shelby Tube or undisturbed sample)	EA		T207	D1587		
Pitcher Barrel Sample - 3"	EA					
Piston Tube Sample - 3"	EA			D6519		
Shelby Tube/Pitcher Barrel Preparation and Logging	EA					
Cone Penetrometer Test	LF					
Dynamic Cone Penetrometer Test	EA			STP-399		
Pressuremeter Test	EA			D4719		
Flat Plate Dilatometer Test	EA			D6635		
Field Vane Shear Test	EA		T223	D2573		
Hydraulic Aquifer Test	HR			D4044		
Pocket Shear Vane Test	EA					
Pocket Penetrometer Test	EA					
Bound-Layer Pavement Thickness Test	EA			D4748		

\*\*All prices to include any equipment costs and any coordination time.

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## PRELIMINARY LABORATORY FEE SCHEDULE

Test	Unit	Unit Price***	Test Method			
			AASHTO	ASTM	VTM	Other
<b>Soil Physical Property Tests</b>						
Water Content	EA		T265	D2216		
Specific Gravity	EA		T100	D854		
Atterberg Limits (Liquid Limit, Plastic Limit, Plasticity Index)	EA		T89/T90	D4318	7	
Shrinkage Limit	EA		T92	D427		
Percent Passing No. 200 Sieve only	EA			D1140		
Sieve Analysis without Hydrometer Analysis	EA		T87/T88	D422	25	
Sieve Analysis with Hydrometer Analysis	EA		T87/T88	D422	25	
Hydrometer Analysis only, excluding Specific Gravity	EA		T87/T88	D422		
USDA Textural	EA					USDA
Percent Organics, Loss on Ignition	EA		T267	D2974		
Pinhole Test	EA			D4647		
Unit Weight (or Bulk Density or Density) of Soil	EA			D7263		
<b>Soil Strength Tests</b>						
Unconfined Compression on Soil or Soil-Cement or Soil-Lime	EA		T208	D2166		
Triaxial, Unconsolidated Undrained per Point	EA		T296	D2850		
Triaxial, Consolidated Drained per Point	EA			WK3821		
Triaxial, Consolidated Undrained per Point with Pore Pressure Reading	EA		T297	D4767		
Triaxial, CU or CD Extension per Point	EA		T297	D4767		
Direct Shear, per Vertical Stress	EA		T236	D3080		
Direct Shear, reconstituted sample, normally consolidated (per vertical stress)						
Drained Torsional Ring Shear, reconstituted sample, normally consolidated, peak and residual (per vertical stress)				D6467		
Large Scale Direct Shear, per Vertical Stress	EA					
Drained Repeated Direct Shear Test (for residual shear strength), per Vertical Stress	EA					EM1110-2-1906, App. IXA
One-Dimensional Consolidation Test (Square Root of Time)	EA		T216	D2435		
One-Dimensional Consolidation Test (Log Time)	EA		T216	D2435		
One-Dimensional Swell or Settlement Potential Test	EA			D4546		
Permeability Test (Flexible Wall Permeameter)	EA			D5084		
Resilient Modulus	EA		T307			
Remolding or Compacting Disturbed Samples for Strength Testing	EA					
Pocket Shear Vane Test	EA					
Pocket Penetrometer Test	EA					
<b>Soil Compaction/Density Tests</b>						
Standard Proctor	EA		T99	D698	1	
Modified Proctor	EA		T180	D1557		
Soil-Cement Proctor	EA			D558		
CBR with Standard Proctor	EA		T193	D1883	8	
CBR with Modified Proctor	EA		T193	D1883		
One Point Proctor	EA		T272		12	
<b>Soil &amp; Aggregate Chemistry Tests</b>						
Resistivity	EA		T288	G187		
pH	EA		T289	G51		
Chloride Ion Content	EA		T291			
Sulfate Ion Content	EA		T290			
Cement Content of Cement-Treated Aggregate by Titration	EA		T211			
Lime Content of Lime-Treated Soils by Titration	EA		T232			
<b>Rock Mechanics Testing</b>						
Direct Tensile Strength of Intact Rock Core	EA			D2936		
Compressive Strength and Elastic Moduli of Intact Rock Core Specimens	EA			D7012		
Point Load Strength Index Test	EA			D5731		
Direct Shear Strength Tests of Rock Specimens	EA			D5607		
Slake Durability	EA			D4644		
Freeze-Thaw	EA			D5312		
<b>Concrete Testing</b>						
Compressive Strength of Concrete Cylinders	EA		T22	C39		
Compressive Strength of Mortar and Grout Cubes	EA			C780		
Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	EA		T24	C42		
Water Soluble Chloride Content in Concrete	EA		T332	C1218		
Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration	EA		T277	C1202	VTM 112	
<b>Asphalt Testing</b>						
Asphalt Extraction	EA		T164	D2172		
Asphalt Bulk Specific Gravity	EA		T166	D6752	6	
Asphalt Maximum Specific Gravity	EA		T209			

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