



TEST	PRICE	SAMPLE SIZE
<b>Atterberg Limits (ASTM D-4318) (AASHTO T-89, T-90)</b>		
a. Plastic Limit and One (1) Point Liquid Limit	\$40.00	150 gm
b. Plastic Limit and Three (3) Point Liquid Limit	\$85.00	200 gm
<b>Shrinkage Limit and Factors (ASTM D-427) (AASHTO T-92)</b>		
	\$66.00	
<b>Specific Gravity of Soils (ASTM D-854) (AASHTO T-100)</b>		
	\$78.00	100 gm
<b>Maximum Index Density, Dry (ASTM D-4253)</b>		
	\$131.00	
<b>Maximum Index Density, Wet (ASTM D-4253)</b>		
	\$131.00	
<b>Minimum Index Density (ASTM D-4254)</b>		
	\$66.00	
<b>Classification (Including Required Tests)</b>		
a. Highway Construction (ASTM D-3282)	\$164.00	200 gm
b. Unified System (ASTM D-2487)	\$164.00	200 gm
c. Peat (ASTM D-4427)	\$194.00	200 gm
d. AASHTO	\$164.00	200 gm
e. Topsoil	\$131.00	200 gm
<b>Moisture Content (ASTM D-2216) (AASHTO T-265)</b>		
	\$13.00	100 gm
<b>Percent Solids (ASTM D-2216) (AASHTO T-265)</b>		
	\$13.00	
<b>Unit Weight and Moisture Content; Undisturbed Samples</b>		
	\$40.00	
<b>Particle Size Analysis</b>		
a. Eight (8) Sieve and Hydrometer Analysis (ASTM D-422)	\$131.00	200 gm
b. Eight (8) Sieve Analysis (ASTM D-422) (Including No. 200)	\$66.00	200 gm
Additional Sieves	Surcharge @ \$6.00	
c. Soil Finer Than No. 200 Sieve (ASTM D-1140) (AASHTO T-11)	\$40.00	
d. Folk's Statistical Computations, Per Sample	\$81.00	
<b>Moisture Content (ASTMD-2974 Method II)</b>		
	\$13.00	50 gm
<b>Ash, Organic Matter Content (LOI, ASTM D-2974)</b>		
	\$40.00	200 gm
<b>Peat Material pH (ASTM D-2976)</b>		
	\$35.00	50 gm

<b>Organic Impurities (ASTM-C40)</b>	\$52.00	50 gm
<b>Standard Proctor Compaction Methods</b>		
a. Five (5) Point, Method A & B (ASTM D-698, AASHTO T-99)	\$97.00	16 kg
b. Five (5) Point, Method C & D (ASTM D-698, AASHTO T-99)	*\$152.00	29 kg
* includes bulk specific gravity		
*add'l charge for processing soils w/PI index <20)	\$66.00	
<b>Modified Proctor Compaction Methods</b>		
a. Five Point, Method A & B (ASTM D-1557, AASHTO T-180)	\$110.00	16 kg
b. Five Point, Method C & D (ASTM D-1557, AASHTO T-180)	*\$164.00	29 kg
c. Additional Points Upon Completion	\$26.00	
*includes bulk specific gravity		
*add'l charge for processing soils w/PI <20	\$66.00	
<b>California Bearing Ratio - CBR (ASTM D-1883, AASHTO T-193)</b>		
a. One (1) Point CBR/Proctor (Standard)	\$198.00	16 kg
b. One (1) Point CBR/Proctor (Modified)	\$198.00	16kg
c. Three (3) Point CBR/Proctor (Standard)	\$451.00	29 kg
d. Three (3) Point CBR/Proctor (Modified)	\$519.00	29 kg
e. Five (5) Point CBR/Proctor (Standard)	\$581.00	23 kg
f. Five (5) Point CBR/Proctor (Modified)	\$648.00	45 kg
<b>One-Dimensional Consolidation Potential (ASTM D-2435, AASHTO T-216, Including Unit Weight, Natural Moisture Content, Specific Gravity)</b>		
a. Standard 7-3, Load-Rebound Increments	\$389.00	
b. Additional Rebound-Load Cycle	Surcharge @\$77.00	
c. Additional Load Increments	Surcharge @\$39.00	
<b>One-Dimensional Swell Potential (ASTM D-4546, Including Unit Weight, Natural Moisture Content, Specific Gravity)</b>		
a. Method A	\$389.00	
b. Method B	\$389.00	
c. Standard One-Dimensional Consolidation	Surcharge @ \$243.00	
<b>Unconfined Compressive Strength (ASTM D-2166, Including Unit Weight and Moisture Content and Mohr Stress Diagram; Exclusive of Stress-Strain Diagram)</b>		
a. Undisturbed Sample	\$111.00	

b. Remolded Sample	\$131.00	
c. Molded Stabilized Soil Sample	\$194.00	
d. Miniature Penetration Test, 3 Trials	\$20.00	
<b>Direct Shear Test (ASTM D-3080, Including Unit Weight, Moisture Content, Specific Gravity)</b>		
a. Undisturbed Sample: 3 Points Consolidated-Drained	\$504.00	
b. Remolded Sample: 3 Points Consolidated-Drained	\$454.00	
<b>Triaxial Shear Tests (ASTM D-2850, Including Unit Weight, Moisture Content, Specific Gravity)</b>		
All tests for 3-point determination on 2.8 inch maximum diameter undisturbed or remolded specimens. In-house testing of chemically contaminated samples not included in schedule provided. Results presented as stress-stain data only with Mohr stress diagram for sample.		
a. Unconsolidated-Undrained: UU 3 Pt.	\$370.00	
b. Consolidated-Undrained: CU 3 Pt.	\$1,246.00	
c. Consolidated-Drained: CD	Special Quote	
d. Triaxial Sample Pore Pressure Determinations	Surcharge@\$124.00	
e. Unconsolidated Undrained (UU) One Pt.	\$148.00	
f. Unconsolidated Undrained (UU) One Pt. Re-molded	\$171.00	
g. Consolidated Undrained (CU) One Pt.	\$475.00	
<b>Laboratory Miniature Vane Shear Test</b>		
<b>Torvane</b>	\$6.00	
<b>Pocket Penetrometer</b>	\$6.00	
<b>Calcium Carbonate (code G079) Reported in % CaCO<sub>3</sub></b>	\$36.00	10 gm
<b>Fixed Wall Apparatus-Vacuum Saturation</b>		
a. Constant Head, Undisturbed Sample (ASTMD 2434, AASHTO T-215)	\$131.00	
b. Constant Head, Compacted Sample (ASTMD 2434, AASHTO T-215)	\$131.00	
c. Constant Head, Compacted Sample (ASTMD 4511)	\$131.00	
d. Falling Head, Undisturbed Sample	\$131.00	
e. Falling Head, Compacted Sample	\$131.00	
f. Falling Head, Peat Sample	\$124.00	
g. Additional Fluid Head Trials	Surcharge @ \$60.00	
<b>Triaxial Flexible Wall - Back Pressure Saturation</b>		
Constant Head, Undisturbed Sample (ASTM D-5084, AASHTO T-215)	\$344.00	
Constant Head, Compacted Sample (ASTM D-5084, AASHTO T-215)	\$344.00	
Falling Head, Undisturbed Sample	\$320.00	
Falling Head, Compacted Sample	\$344.00	

Additional Fluid Head Trials	Surcharge @ \$58.00	
Porosity Determinations (ASTM D-2434)	\$66.00	
<b>Corps of Engineer - One Dimensional Consolidation</b>		
2 Load Increments, Falling Head	\$320.00	
Double-Hydrometer Dispersion Test (ASTM D-4221)	\$131.00	
<b>pH in Soil for Corrosion (ASTM G-51)</b>		
(SWA 846 Method 9045C – AASHTO T-289-91 I)	\$16.00	50 gm
<b>Oxidation-Reduction Potential (ASTM D-1498)</b>		
(AWWA C-105)	\$29.00	50 gm
<b>Resistivity/Conductivity (ASTM G-57)</b>		
(Soil Box Saturated or AS IS – AASHTO T-288-91 I)	\$48.00	2500 gm

**Send sample to:**

**Thompson Engineering**  
**ATTN: Soils Lab**  
**3707 Cottage Hill Road**  
**Mobile, AL 36609**  
**251-666-2443**

Sample pick-up charge - \$25.00/trip Same Day Rush Fee - \$50.00 per sample  
(within 10-mile radius of Thompson Engineering)

If you do not have a Chain of Custody form, Thompson Engineering can provide one for you. Test turnaround times vary depending on test method and quantity of test. Please contact us for current estimates. Same day and next day services are available with a slight additional charge. Rush fees are based on the type of sample and not the number of tests conducted. Call the number above for more information.