



# 2026 FEE SCHEDULE

Prices valid until Jan. 1, 2027

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CLASSIFICATION & INDEX (X)			TORSIONAL RING SHEAR (RS)		
<u>Atterberg Limits</u> (ASTM D4318)	<u>UNIT PRICE</u>	<u>TEST #</u>	<u>Residual Shear Strength</u> (ASTM D6467)	386/point	RS1
PI Dry (BGL default)	155	X1	<u>Fully Softened Strength</u> (ASTM D7608)	386/point	RS2
PI Wet Prep	241	X2	<u>Residual and Fully Softened Strength</u>	737/point	RS3
<u>Moisture (MC)</u> (ASTM D2216)	22	X3	VOLUME CHANGE/EXPANSION (V)		
<u>Moisture &amp; Density</u> (ASTM D7263b)			<u>Consolidation</u> (ASTM D2435A)		
MD, 2-2.5" diameter	32	X4-2.5	Incl. full curve w/ time rate readings until final rebound	480	V1
MD 3" diameter	46	X4-3	<u>Consol rebound-reload pt.</u>	51/point	V2
MD 4" diameter	117	X4-4	<u>Shrink-Swell w/ Expansion-Pressure Curve</u> (ASTM D3877m)	363	V3
MD 6" diameter	188	X4-6	This method was originally intended for lime-treated soils but works well on untreated soils.		
<u>Chunk Density</u> (ASTM D7263a)	113	X5	<u>Air-dry specimen prior to test - add</u>	36	V3-air dry
<u>Particle Size Analysis</u> (ASTM D422)			<u>Exp. Press.</u> (ASTM D3877m)	200	V4
Sieve -3/4"	131	X6	<u>Multi-point expansion pressure curve to free swell.</u>		
Bulk Sieve Charge +3/4"(if gravelly or >5Kg)	Add 96	X7	<u>Shrink Swell (SS)</u> (ASTM D3877m)	200	V5
Sieve + Hydrometer (Gs run separately)	227	X8	Multi-point volume change curve including field, saturated, air dry and oven dry conditions.		
-#200 Wash (ASTM D1140)	100	X9	<u>Expansion Index</u> (ASTM D4829)	337	V6
<u>Specific Gravity</u> (Particle Density)			<u>One-D. Swell/Collapse of Soils</u> (ASTM D4546)		
(ASTM D854) - #4 Sieve	100	X10	Part A (4 pt. curve, loaded then wetted)	1123	V7-A
(ASTM C127) + #4 Sieve	150	X11	Part B (rebound-reload)	374	V7-B
<u>Porosity</u>			Part C (wetted-loaded)	493	V7-C
Total Porosity (ASTM D7263)	137	X12	<u>% Collapse</u> (ASTM D5333)	225	V8
Effective Porosity (ASTM D7263 mod)	320	X13	<u>Triaxial Ko Consolidation (2-3" dia.)</u>	805	V9
<u>Organic Content (TOC)</u> (ASTM D2974)	94	X14	HYDRAULIC CONDUCTIVITY (H)		
<u>Fraction Organic Carbon (FOC)</u>			<u>Falling Head</u> (ASTM D5084) (2-3" dia.)	405	H1
By Walkley Black (subcontracted)	94	X15	<u>Constant Head</u> (ASTMD2434) (3" dia./6" dia)	405/561	H2/H2-6
DENSITY (D)			THERMAL CONDUCTIVITY (ASTM D5334) (T)		
<u>Standard Proctor</u> (ASTM D698)			<u>As Received</u>	231	T1
4- inch mold	296	D1	<u>As Received and Oven-Dry</u>	474	T2
6-inch mold	357	D2	<u>4 Point curve from as-rcd to oven dry</u>	948	T4
<u>Modified Proctor</u> (ASTM D15570)			<u>5 Point curve from as-rcd to oven dry</u>	1185	T5
4- inch mold	296	D3	<u>6 Point curve from as-rcd to oven dry</u>	1422	T6
6-inch mold	357	D4	CORROSIIVITY (C)		
Check point 4"/ 6" mold	79/91	D5/D6	<u>Package A</u> (pH, Cl, SO <sub>4</sub> , 100% sat resist.)	262	C1
STRENGTH (S)			<u>Package B</u> (pH, Cl, SO <sub>4</sub> , as-rcd. resist.)	262	C2
<b>Note: Prices for 2-3" diameter samples unless noted</b>			<u>Package C</u> (pH,Cl,SO <sub>4</sub> , as-rcd. resist., orp)	317	C3
<u>Unconfined Compression</u> (ASTM D2166)	112	S1	<u>Package D</u> (pH,Cl,SO <sub>4</sub> ,100% sat resist., orp)	317	C4
<u>TXUU</u> (ASTM D2850)	187	S2	<u>PG&amp;E Pkg. (Package D plus Sulfide)</u>	386	C5
For back-pressure saturation add -	131	S2-A	<u>Resistivity-As Received Moist</u> (ASTM G57)	90	C6
<u>TX-ICU no pp</u> (ASTM D4767 modified)	299	S3	<u>Resistivity-100% Saturated</u> (ASTM G57)	90	C7
<u>TX-ICU no pp staged</u> -mod.D4767 (per 2or3 pts)	1198	S4	For large-scale resistiity on gravelly samples add-		
<u>TX-ICU w/ pp</u> (ASTM D4767)	599	S5	<u>pH</u> (ASTM G51)	44	C8
<u>TX-ICU w/ pp staged</u> -mod.D4767 (per 2or3 pts)	1198	S6	<u>Sulfate</u> (SO <sub>4</sub> )(EPA 300.0)(subcontracted in part)	93	C9
<u>TX-ICD -drained</u>	780/point	S7	<u>Sulfide</u> (lead acetate paper)	56	C10
Effective confining press. for any triax (>50 psi) add -	94	S8	<u>Redox</u> (ORP)(ASTM G200)	62	C11
<u>Ko or Anisotropic Consolidation add-</u>	187/point	S9	<u>Chloride</u> (Cl) (EPA 300.0)(subcontracted in part)	93	C12
<u>4" Diameter Triaxial Testing add -</u>	465/point	S10			

ENVIRONMENTAL TESTING (E)			WATER TESTS (W)		
<b>Hydrogeology Option # 1</b> - Includes:	<b>905</b>	<b>E1</b>	<b>Total Suspended Solids</b> (ASTM D3977b)	<b>60</b>	<b>W1</b>
Effective Porosity (ASTM D6836m)			<b>Total Dissolved Solids</b> (SM 2540C)	<b>60</b>	<b>W2</b>
Total Porosity (Øt) (ASTM D7263)			<b>Total Solids</b> (SM 2540B)	<b>60</b>	<b>W3</b>
Grain Density (ASTM D854)			<b>Particle Size Distribution</b> (ASTM D3977c modified) - Call lab before testing	<b>374</b>	<b>W4</b>
Moisture Content (ASTM D2216)			<b>ROCK/AGGREGATE TESTING (R)</b>		
Volumetric Water Content (Øw)			Slake Durability (ASTM D4644)	<b>250</b>	<b>R1</b>
Volumetric Air Content (Øa)			<b>LIME/CEMENT TREATING (LC)</b>		
Bulk Density (ps) Wet & Dry D2937			Atterberg Limits - add	<b>54</b>	<b>LC1</b>
Hydraulic Conductivity (3" dia.)(ASTM D5084) or D2434 based on material type)			Compaction - add	<b>118</b>	<b>LC2</b>
Grain Size Distribution (ASTM D422)			Soil-Lime Proportion (ASTM D6276)	<b>349</b>	<b>LC3</b>
Soil Classification by USCS, USDA Classification by request			A 6-point curve to determine the optimum lime content for lime treatment.		
<b>Hydrogeology Option # 2</b> - Includes:	<b>761</b>	<b>E2</b>	<b>OTHER (O)</b>		
Total Porosity (Øt) (ASTM D7263)			<b>Remolding</b>	<b>87</b>	<b>O1</b>
Grain Density (ASTM D854)			<b>Before and/or After Test Photos</b>	<b>61</b>	<b>O2</b>
Moisture Content (ASTM D2216)			<b>Sample Pick-up</b> (50 mile radius)	<b>109</b>	<b>O3</b>
Volumetric Water Content (Øw)			No charge for local pickup on jobs over \$2500	<b>62</b>	
Volumetric Air Content (Øa)			<b>Insufficient Sample Charge</b> - Add	<b>62</b>	<b>O4</b>
Bulk Density (ps) Wet & Dry D2937			<b>Total Solids for Sediments</b>	<b>46</b>	<b>O5</b>
Hydraulic Conductivity (3" dia.)(ASTM D5084) or D2434 based on material type)			<b>Double Hydrometer</b> (ASTM D4221 & D422)	<b>474</b>	<b>O6</b>
Grain Size Distribution (ASTM D422)			<b>Logging of Shelby Tube</b>	<b>142</b>	<b>O7</b>
Soil Classification by USCS, USDA Classification by request			<b>Lead Shot Characterization</b> - Call for quote		<b>O8</b>
<b>Vadose Zone Option # 1</b> - Includes:	<b>1098</b>	<b>E3</b>	<b>Zerovalent Iron Quant. for Perm. Reactive Barriers - per 4" sample:</b>		
Air Permeability (in-situ moisture)(subcontracted)			Gravimetric analysis with magnetic separation. (for uncoated iron)	<b>237</b>	<b>O9</b>
Total Porosity (Øt) (ASTM D7263)			Gravimetric Loss On Ignition (for iron coated with GAC) - add	<b>94</b>	<b>O10</b>
Grain Density (ASTM D854)			<b>Junior Technician Time, hourly</b>	<b>156</b>	<b>O11</b>
Moisture Content (ASTM D2216)			<b>Senior Technician Time, hourly</b>	<b>193</b>	<b>O12</b>
Volumetric Water Content (Øw)			<b>Principal Time, hourly</b>	<b>237</b>	<b>O13</b>
Volumetric Air Content (Øa)			<b>Witness Testing, per person, per hr.</b>	<b>100</b>	<b>O14</b>
Bulk Density (ps) Wet & Dry D2937			<b>Sample Preparation over #200 Sieve</b>	<b>62</b>	<b>O16</b>
Grain Size Distribution (ASTM D422)			<b>Fiber Content of Peat</b> (ASTM D1997)	<b>250</b>	<b>O17</b>
Soil Classification by USCS, USDA Classification by request			<b>Humification of Peat</b> (ASTM D5715)	<b>187</b>	<b>O18</b>
<b>Vadose Zone Option # 2</b> - Includes:	<b>363</b>	<b>E4</b>	<b>Rush Testing</b>		
Total Porosity (Øt) (ASTM D7263)			<b>Rush - Priority given</b>	<b>Add</b>	<b>50%</b>
Grain Density (ASTM D854)			<b>Super Rush - Dedicated technician</b>	<b>Add</b>	<b>100%</b>
Moisture Content (ASTM D2216)			<b>CONTAMINATED SOILS</b>		
Volumetric Water Content (Øw)			Contaminated soils are accepted on a limited basis and only after review with client. Please call us to discuss options.		
Volumetric Air Content (Øa)				<b>Add</b>	<b>O15 50%</b>
Bulk Density (ps) Wet & Dry D2937			<b>OUR POLICIES</b>		
Grain Size Distribution (ASTM D422)			Benchmark's payment terms are Net 30 on all invoices. Clients will be required to sign our Client Services Agreement. Subcontractor Agreements should be submitted seven (7) days prior to the commencement of testing for review and approval.		
Soil Classification by USCS, USDA Classification by request			Benchmark does not accept jobs with "pay when paid" terms or with 3rd party billing. Please call to discuss payment terms.		
<b>Air Permeability</b> (ASTM D6539)			Benchmark Geolabs takes no liability or responsibility for samples left in storage after the completion of testing. All remaining samples will be discarded after 30 days unless arrangements are made for pick-up. We do not offer long-term storage of tested samples over 30 days from the date of final report unless specifically requested in writing on a project-by project basis.		
Effective (in-situ moist.) subcontracted	<b>749</b>	<b>E5</b>			