

GEOTECHNICAL / MATERIAL LABORATORY TESTING RATES (2025)

Ref. No	Service Descriptions	Designation	Unit Price	Remarks
S001-1	WATER CONTENT	D2216		
S002-1	ATTERBERG LIMITS	D4318		METHOD A
S003-1	PARTICLE-SIZE ANALYSIS (FULL GRADATION)	D6913 & D7928		
S004-1	AGGREGATES GREATER THAN NO.200 SIEVE ANALYSIS	D6913		
S005-1	AGGREGATES FINER THAN NO.200 SIEVE ANALYSIS	C117		
S006-1	STANDARD PROCTOR (Method A/B)	D698		PSA not included
S006-2	STANDARD PROCTOR (Method C)	D698		PSA not included
S007-1	MODIFIED PROCTOR (Method A/B)	D1557		PSA not included
S007-2	MODIFIED PROCTOR (Method C)	D1557		PSA not included
S008-1	HYDRAULIC CONDUCTIVITY (FINES)(Method A)(Flexible Wall)	D5084		
S008-2	HYDRAULIC CONDUCTIVITY (RIGID WALL)(CONST. HEAD)	D5856		SP Result NOT Incl.
S008-3	HYDRAULIC CONDUCTIVITY (RIGID WALL)(FALLING. HEAD)	D5856		SP Result NOT Incl.
S009-1	HYDRAULIC CONDUCTIVITY (COARSE)	D2434		SP & OR RELATIVE DENSITY TEST NOT INCL.
S010-1	PNEUMATIC CONDUCTIVITY OF POROUS SOILS (Rigid Wall)	D6539		
S010-2	PNEUMATIC CONDUCTIVITY OF POROUS SOILS (Flexible Wall)	D6540		
S011-1	TOTAL POROSITY, AIR-FILLED POROSITY	N/A		INCL. MC, BD & G _s
S012-1	BULK DENSITY	D2937		INCL. MC
S013-1	SPECIFIC GRAVITY	D854		
S014-1	1-D CONSOLIDATION (12.5,25,50,100,200,400,800,1600,400,100,25kPa)	D2435		TOTAL 11 L/UL, 1 Cycle (Cc)
S014-2	1-D CONSOLIDATION (12.5,25,50,100,200,400,800,200,50,200,800,1600,400,100,25kPa)	D2435		TOTAL 15 L/UL, 2 Cycles (Cc + Cr)
S015-1	CRS CONSOLIDATION	D4186		
S016-1	1-D SWELL (Method A)	D4546		
S016-2	1-D SWELL (Method B)	D4546		
S016-3	1-D SWELL (Method C)	D4546		
S017-1	UNCONFINED COMPRESSIVE STRENGTH FOR SOIL	D2166		INCL. MC & BD
S017-2	UCS FOR SOIL (w/ Young's Modulus & Poisson Ratio)	D2166		INCL. MC & BD
S018-1	MINI VANE SHEAR (Undisturbed)	D4648		UNDISTURBED
S018-2	MINI VANE SHEAR (Disturbed)	D4648		DISTURBED
S019-1	CD DIRECT SHEAR TEST (COARSE)	D3080		3 SPECIMENS / 3 LOADS
S019-2	CD DIRECT SHEAR TEST (FINES)	D3080		3 SPECIMENS / 3 LOADS
S020-1	CU DIRECT SIMPLE SHEAR TEST (COARSE)	D6528		3 SPECIMENS / 3 LOADS
S020-2	CU DIRECT SIMPLE SHEAR TEST (FINES)	D6528		3 SPECIMENS / 3 LOADS
S021-1	UU TRIAXIAL TEST W/O SATURATION	D2850		ONE SPECIMEN / 1 LOAD
S021-2	UU TRIAXIAL TEST W/ SATURATION	D2850		ONE SPECIMEN / 1 LOAD
S022-1	CU TRIAXIAL TEST W/ PWPM	D4767		3 SPECIMENS / 3 LOADS
S023-1	CBR - UNSOAKED (SP COMP EFFORT)(1 PT)	D1883		1 POINT, SP not included
S023-2	CBR - SOAKED (SP COMP EFFORT)(1 PT)	D1883		1 POINT, SP not included
S023-3	CBR - UNSOAKED (SP COMP EFFORT)(3 PTS)	D1883		3 POINTS, SP not included
S023-4	CBR - SOAKED (SP COMP EFFORT)(3 PTS)	D1883		3 POINTS, SP not included
S023-5	CBR - UNSOAKED (MP COMP EFFORT)(1 PT)	D1883		1 POINT, MP not included
S023-6	CBR - SOAKED (MP COMP EFFORT)(1 PT)	D1883		1 POINT, MP not included
S023-7	CBR - UNSOAKED (MP COMP EFFORT)(3 PTS)	D1883		3 POINTS, MP not included
S023-8	CBR - SOAKED (MP COMP EFFORT)(3 PTS)	D1883		3 POINTS, MP not included
S024-1	PINHOLE TEST	D4647		
S025-1	THERMAL CONDUCTIVITY / RESISTIVITY FOR SOIL (1 PT)	D5334		PER POINT

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S026-1	RELATIVE DENSITY	D4254 & D4253		Nominal size <1" INCL. MIN & MAX DENSITY
S027-1	ORGANIC CONTENT (Method C)	D2974		
S028-1	ORGANIC CONTENT (Method D)	D2974		
S029-1	DOUBLE HYDROMETER	D4221		
S030-1	SAND EQUIVALENT VALUE	D2419		
S031-1	DURABILITY INDEX TEST	D3744 / CT #229		ADDITIONAL \$150 FOR ROCK CRUSHING IF NEEDED
S032-1	AGGREGATE IMPACT VALUE	N/A		
S033-1	COLLAPSE POTENTIAL	D5333		
C001-1	PH	G51		
C002-1	ER	G187		
C002-2	ER FOR GRAVEL	G187		
C003-1	WATER SOLUBLE SULPHATES (By Ion Chromatography)	E246		SUB OUT TO ALS
C003-2	WATER SOLUBLE CHLORIDES (By Ion Chromatography)	E239		SUB OUT TO ALS
C003-3	WATER SOLUBLE SULPHATES & CHLORIDES (By Ion Chromatography)	E246 & E239		SUB OUT TO ALS
C004-1	WATER SOLUBLE SULPHATES (CSA)	N/A		SUB OUT TO ENGLOBE
C005-1	REDOX	G200		
C006-1	CARBONATE CONTENT	D4373		
C007-1	SOLUBLE SALT CONTENT	D4542		
R001-1	UCS FOR ROCK	D7012		METHOD C
R001-2	YOUNG'S MODULUS W/ UCS	D7012		METHOD D
R001-3	UCS W/ YOUNG'S MODULUS & POISSON'S RATIO	D7012		METHOD D
R002-1	POINT LOAD TEST	D5731		PER 1 SPECIMEN
R003-1	BRAZILIAN TENSILE STRENGTH (3 SPECIMENS)	D3967		
R003-2	BRAZILIAN TENSILE STRENGTH (10 SPECIMENS)	D3967		
R004-1	SLAKE DURABILITY TEST	D4644		
R005-1	LA ABRASION TEST (Aggregates < 1.5")	C131		
R005-2	LA ABRASION TEST (Aggregates < 3")	C535		
R006-1	MICRO-DEVAL TEST (Coarse Aggregates)	D6928 OR CSA 23A		
R006-2	MICRO-DEVAL TEST (Fine Aggregates)	D7428		
R007-1	MOH'S ROCK HARDNESS	N/A		
R008-1	SOUNDNESS FOR COARSE AGGREGATES	C88		4 CYCLES, PSA is prerequisite \$100
R008-2	SOUNDNESS FOR FINE AGGREGATES	C88		4 CYCLES, PSA is prerequisite \$100
R008-3	SOUNDNESS FOR COARSE AGGREGATES	CSA A23.2-9A		5 CYCLES, PSA is prerequisite \$100
R008-4	SOUNDNESS FOR FINE AGGREGATES	CSA A23.2-9A		5 CYCLES, PSA is prerequisite \$100
R009-1	FRACTURE PARTICLES IN AGGREGATES	D5821		
R010-1	ROCK ABSORPTION AND SPECIFIC GRAVITY TEST	D6473 / CT206		
R011-1	RIPRAP TEST SUITE (INCL. GS, ABSORPTION & DURABILITY INDEX)	CT206 & CT229		\$150 surcharge for crushing rocks
R012-1	FREEZING & THAWING	D5312		For 2 specimens/10 cycles. \$250 for each additional 5 cycles. Each additional tested specimens, 25% will be added.
R012-2	FREEZING & THAWING	CCIL LS614 R33		5 cycles

Price will be provided
upon request

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R013-1	DRYING & WETTING CONDITION	D5313		2 specimens/80 cycles. Each additional tested specimens, 25% will be added.
A001	RUSH SERVICE			
A002	LAB RESEARCH AND DEVELOPMENT STUDIES			
A003	LAB ADMINISTRATION /TECHNICIAN PER HOUR			
G001	CAPPED ST THIN WALLED ST (NEW)			18" LONG
ST001	STORAGE PER MONTH (PER ST)			
ST002	STORAGE PER MONTH (PER 5 GALLON PAIL)			
ST003	STORAGE PER MONTH (STANDARD COOLER / BIN)			
ST004	STORAGE PER MONTH (CORE BOX)			5 FEET LONG, 2.5" core
ST005	STORAGE PER MONTH (CORE BOX)			4 FEET LONG, 2.5" core
ST006	STORAGE PER MONTH (PLASTIC BAGS)			SAMPLES BE DISPOSED IN 1 WEEK AFTER COMPLETION
ST007	NON CONTAMINATED DISPOSAL (PER ST)			
ST008	NON CONTAMINATED DISPOSAL (PER 5-GALLON)			
ST009	NON CONTAMINATED DISPOSAL (LARGE PLASTIC BAG)			
ST010	NON CONTAMINATED DISPOSAL (STANDARD COOLER / BIN)			
ST011	NON CONTAMINATED DISPOSAL (CORE BOX)			5 FEET LONG, 2.5" core
ST012	NON CONTAMINATED DISPOSAL (CORE BOX)			4 FEET LONG, 2.5" core
ST013	CONTAMINATED DISPOSAL & STORAGE			Client shall pick up upon request or Client contact environmental specialized company to dispose

Note: For all testing requested on contaminated soil or coal material, double charge will be applied.

Unit price may change without notice. Please request the updated quote for every project to avoid any misalignment.