

Test	AASHTO	ASTM	Description	Rate
Atterberg Limits	T-89/90*	D-4318	Liquid and plastic limit, including non-plastics.	\$75
California Bearing Ratio (CBR)	T-193*, VTM-8	D-1883	California bearing ratio of laboratory-compacted soil. One point.	\$120
Consolidation	T-216	D-2435	One-dimensional consolidation properties of soils.	\$475
Grain Size (Standard)	T-88*	D-422, D-6913	Particle-size analysis (gradation) of soil.	\$75
Grain Size with Hydrometer	T-88*	D-422, D-7928	Particle-size analysis (gradation) of soil with hydrometer.	\$140
Moisture Content	T-265*	D-2216	Determination of water (moisture) content of soil.	\$10.50
Organic Content	T-267	D-2974	Determination of organic content of soil. Loss of ignition (LOI).	\$50
Percent Fines	T-11	D-1140	Percent of material finer than the #200 sieve.	\$60
pH	T-289	D-4972, G-51	Determination of pH of soil.	\$25
Pick-Up of Samples	-	-	Pick-up samples from client.	FREE
Proctor (Modified)*	T-180*	D-1557	Moisture-density relationship of soil. Modified effort. 4" mold. *6" mold = \$190	\$155
Proctor (Standard)	T-99*, VTM-1	D-698	Moisture-density relationship of soil. Standard effort.	\$120
Soil Cement Breaks	T-208	D-2166	Break soil cement specimens. Max PSI reported.	\$25
Specific Gravity	T-100	D-854	Determination of specific gravity of soil.	\$50
Swell (or Settlement) Potential	-	D-4546 (C)	One-dimensional swell or settlement potential of soil.	\$250
Unconfined Comp. Strength (Via Tube)	T-208	D-2166	Unconfined comp. strength of cohesive soil (shelby tube).	\$125
Unconfined Comp. Strength (Re-Molded)	VTM-140	-	Unconfined compressive strength. Specimen is re-molded.	\$150
Unit Weight	-	D-7263	Determination of unit weight of soil.	\$50
USDA	-	-	Hydrometer test to determine soil texture (USDA).	\$80
Void Ratio	-	-	Determination of void ratio of soil and specific gravity.	\$95

**CORROSION TESTING**

Test	AASHTO	ASTM	Description	Rate
Chlorides	T-291	D-512	Chloride ion content in soil.	\$ 32
Resistivity	T-288	G-57	Minimum or saturated soil resistivity. Includes as-received.	\$ 80
Oxidation Reduction Potential	-	D-1498	Oxidation-reduction potential of water.	\$ 32
pH	T-289	D-4972, G-51	Determination of pH of soil.	\$ 25
Sulfates	T-290	D-516	Sulfate ion content in soil.	\$ 32
Sulfides	-	-	Determination of sulfide content or non-presence thereof.	\$ 32
Corrosivity Suite	-	-	Chlorides, Redox Potential, pH, Resistivity, Sulfates, Sulfides	\$ 185

\* Tests for which our laboratory is accredited in.

Jay Kay Testing is an AASHTO-accredited laboratory (since 2010).

**Jay Kay Testing, Inc.**

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