## AEG LABORATORY TESTING PRICES

**Effective January 1, 2016**

### TEST

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<th>PRICE</th>
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<tr>
<td>Visual Identification</td>
<td>ASTM D2488</td>
<td>$12.00</td>
</tr>
<tr>
<td>Moisture Content</td>
<td>ASTM D2216, AASHTO T265</td>
<td>$12.00</td>
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<tr>
<td>Percent Fines (passing #200)</td>
<td>ASTM D1140</td>
<td>$12.00</td>
</tr>
<tr>
<td>Sieve Analysis without Hydrometer</td>
<td>ASTM D422, AASHTO T88</td>
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<tr>
<td>Hydrometer Analysis</td>
<td>ASTM D422, AASHTO T88</td>
<td>$75.00</td>
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<tr>
<td>Atterberg (Liquid &amp; Plastic) Limits</td>
<td>ASTM D4318, AASHTO T89/T90</td>
<td>$80.00</td>
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<tr>
<td>Specific Gravity</td>
<td>AASHTO T100</td>
<td>$55.00</td>
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<tr>
<td>USCS Classification w/ Moisture, Sieve w/ Hydro. &amp; Atterberg Limits</td>
<td>ASTM D2487</td>
<td>$215.00</td>
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<tr>
<td>Shelby Tube Extrusion</td>
<td>-</td>
<td>$75.00</td>
</tr>
<tr>
<td>Natural Density of undisturbed (shelby tube) sample</td>
<td>-</td>
<td>$40.00</td>
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<td>Organic Content</td>
<td>ASTM D2974, Method C</td>
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<tr>
<td>Carbonate Content of Aggregates</td>
<td>ASTM D3042</td>
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<td>Relative Density (minimum and maximum)</td>
<td>ASTM D4254</td>
<td>See Note 1</td>
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### SOIL COMPACTION TESTS

| Standard / Modified Proctor (include oversize correction, if required) | ASTM D698, AASHTO T99 / ASTM D1557, AASHTO T180 | $200.00 / $250.00 |

### SOIL STRENGTH TESTS

| California Bearing Ratio (3 points) (standard / modified) | ASTM D1883, AASHTO T193 | $470.00 / $530.00 |
| California Bearing Ratio (additional points over 3 points) | ASTM D2166, AASHTO T208 | $20.00 / $90.00 |
| Soil Unconfined Compressive Strength (remolded / Shelby) | ASTM D3080, AASHTO T236 | $525.00 |
| Direct Shear (3 points) | ASTM D3080, AASHTO T236 | $135.00 |
| Residual Direct Shear | ASTM D4247 | $900.00 |
| Triaxial Unconsolidated-Undrained (UU) | ASTM D2850 | See Note 1 |
| Triaxial Consolidated-Undrained (CU) w/ Pore Pressure Measurement | ASTM D4767 | See Note 1 |

### CONSOLIDATION TESTS OF SOIL

| Consolidation (11 points with rebound) | ASTM D2435, AASHTO T216 | $675.00 |
| Additional Load over 11 points | - | $65.00 per point |
| Additional Unload-Reload Cycle | - | $100.00 |

### PERMEABILITY

| Permeability with flexible wall permeameter | ASTM D5084 | See Note 1 |
| Permeability of Granular Soils (Constant Head) | ASTM D2434 | See Note 1 |

### CHEMICAL TESTING OF SOIL / WATER

| Minimum Resistivity | AASHTO T288 | $110.00 |
| Resistivity Corresponding to Range of Moisture Contents | ASTM D 4972 | $150.00 |
| pH (in water and CaCl solution) | EPA 0300 | $30.00 |
| Sulfate Content | EPA 0300 | $30.00 |
| Chloride Content | EPA 0300 | $30.00 |

### ROCK TESTING

| Unconfined Compressive Strength of Rock (Without Photograph of broken specimen) | ASTM D7012, Method C | $40.00 per sample |
| Unconfined Compressive Strength of Rock (With Photograph of broken specimen) | ASTM D7012, Method C | $55.00 per sample |
| Point Load Strength of Rock | ASTM D5731 | See Note 1 |

### CONCRETE TESTING

| Unconfined Compressive Strength of Concrete | ASTM C39 | $35.00 per cylinder |
| Unconfined Compressive Strength of Drilled Concrete Cores | ASTM C42 | $40.00 per sample |
| Unconfined Compressive Strength (2" Grout/Mortar Cubes) | ASTM C109 | $25 per cube |
| Unconfined Compressive Strength (3"x3"x6" Grout/Mortar Sample) | ASTM C1019 | $40 per sample |
| Cube Mold Rentals | - | $100 per week |

### NOTES

1) Test will be performed at other certified laboratories as co-ordinated by AEG. Consult AEG for pricing.

2) Additional Testing - Additional soil and rock testing is available, call for pricing.

3) Turnaround Time - Call for turnaround times. Premium charges may be quoted for rush orders.

4) Hazardous Materials - These prices only apply to nonhazardous materials.

5) Shipping - The unit prices are based on the samples delivered to AEG lab. Pickup and shipping costs quoted on an individual basis.

6) Discount rates available for larger quantities, call for quotes.

7) Sufficient amount of soil is required for testing. Please refer to the testing order sheet for minimum quantities of soil required for each test.