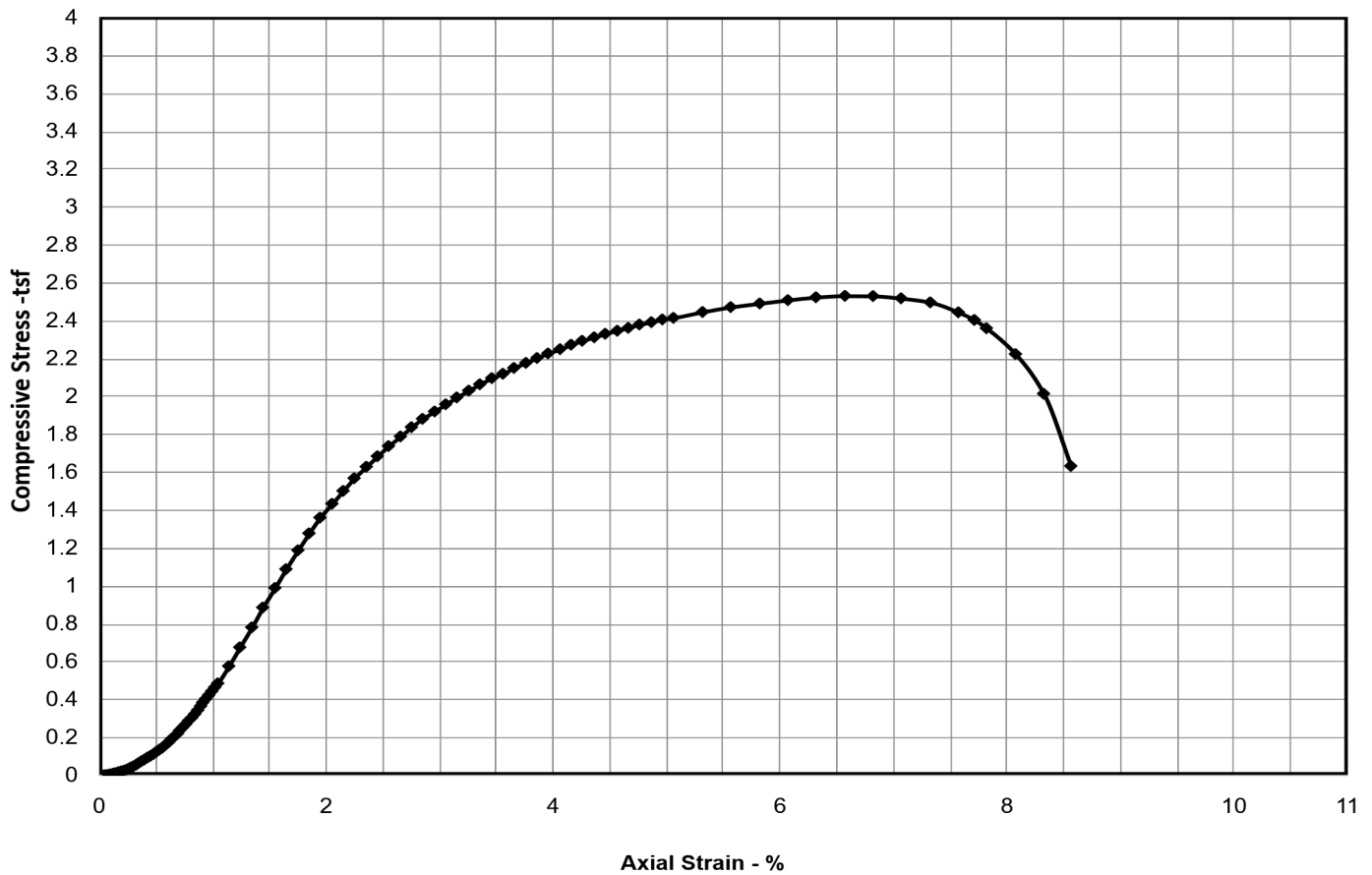
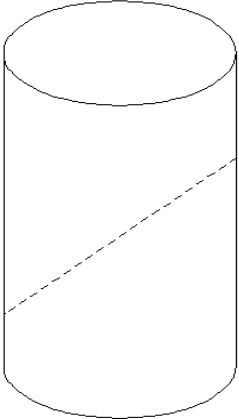


Unconfined Compression Test ASTM D2166

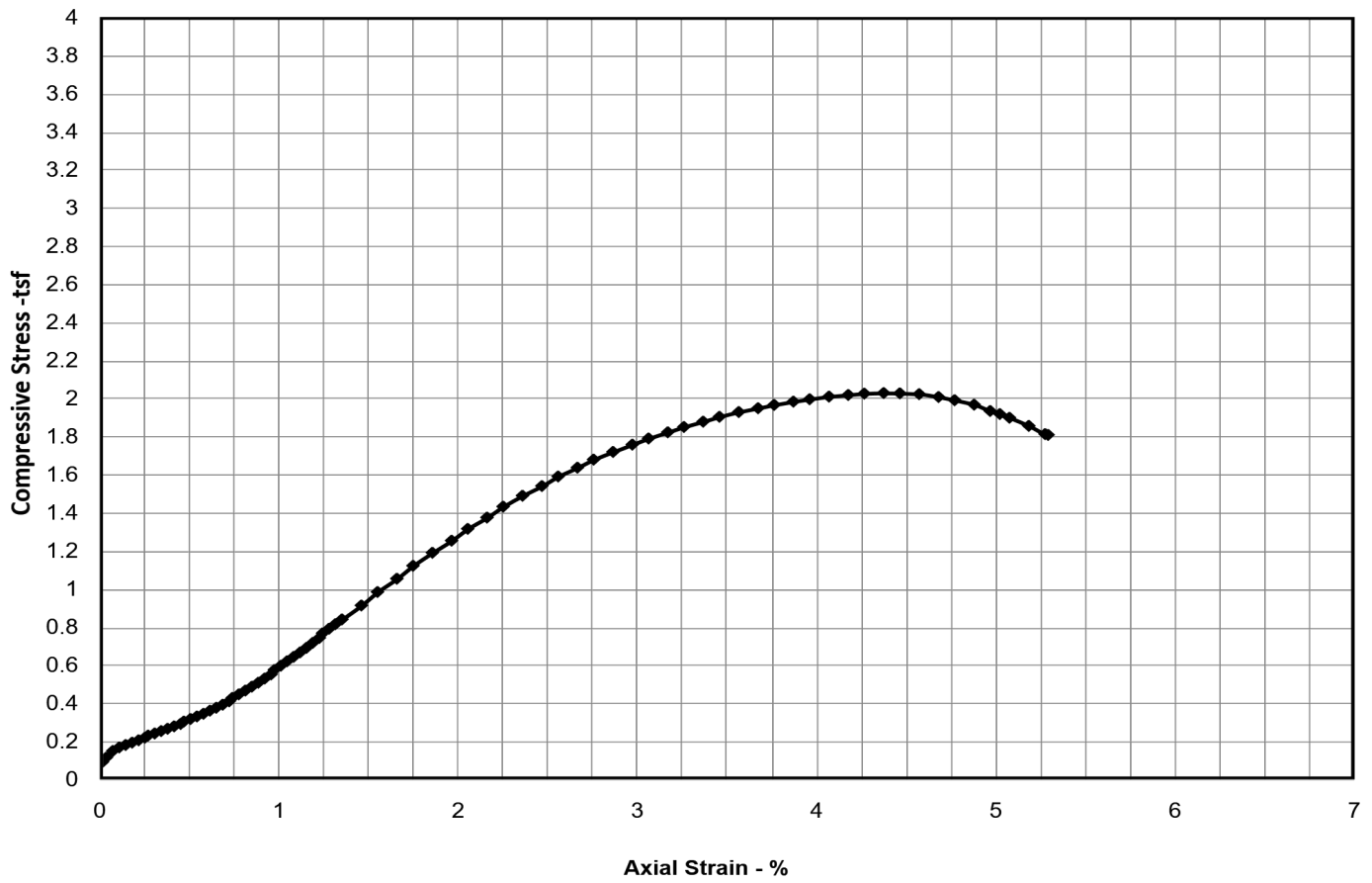


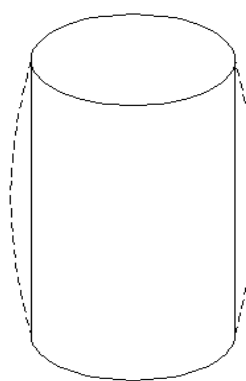
| Specimen Failure Image | Specimen Test Data | |
|---|---------------------------------------|--------------------|
|  | Moisture Content (%) | 9.99 |
| | Dry Density (pcf) | 121.26 |
| | Diameter (in) | 1.93 |
| | Height (in) | 3.98 |
| | Height / Diameter Ratio | 2.06 |
| | Calculated Saturation (%) | 72.69 |
| | Calculated Void Ratio | 0.36 |
| | Assumed Specific Gravity | 2.65 |
| | Failure Strain (%) | 6.55 |
| | Unconfined Compressive Strength (tsf) | 2.54 |
| | Undrained Shear Strength (tsf) | 1.27 |
| | Strain Rate (in/s) | 0.04 |
| Failure Mode | Shear | |
| Remarks: | | |
| Boring ID | Depth (Ft) | Sample Type |
| B-01 | 18.5 - 20.0 | SPT |

| USCS Description | LL | PL | PI | Fines (%) |
|------------------|----|----|----|-----------|
| | | | | |

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|--|--|---|
| PROJECT: EQUIS Geotech Demo SITE: 123 Discovery Road Seattle, WA |  125 S. Alcaniz St. Pensacola FL | PROJECT NUMBER: EQUISGEOTECH CLIENT: EarthSoft |
|--|--|---|

Unconfined Compression Test ASTM D2166



| Specimen Failure Image | Specimen Test Data | |
|---|---------------------------------------|-------------|
|  | Moisture Content (%) | 33.7 |
| | Dry Density (pcf) | 82.8 |
| | Diameter (in) | 2.87 |
| | Height (in) | 5.72 |
| | Height / Diameter Ratio | 1.99 |
| | Calculated Saturation (%) | 87.86 |
| | Calculated Void Ratio | 1.04 |
| | Assumed Specific Gravity | 2.7 |
| | Failure Strain (%) | 4.36 |
| | Unconfined Compressive Strength (tsf) | 2.04 |
| | Undrained Shear Strength (tsf) | 1.02 |
| | Strain Rate (in/s) | 0.11 |
| | Failure Mode | Bulge |
| Boring ID | Depth (Ft) | Sample Type |
| B-01 | 38.5 - 40.3 | SPT |
| Remarks: | | |

| USCS Description | LL | PL | PI | Fines (%) |
|------------------|----|----|----|-----------|
| | | | | |

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|--|--|---|
| PROJECT: EQUIS Geotech Demo SITE: 123 Discovery Road Seattle, WA |  125 S. Alcaniz St. Pensacola FL | PROJECT NUMBER: EQUISGEOTECH CLIENT: EarthSoft |
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