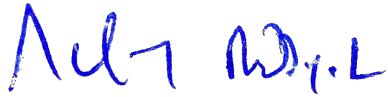
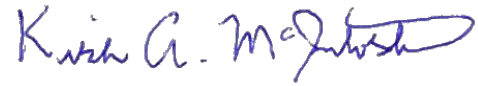


Technical Memorandum

To: Michael Baldwin, P.E. (baldmp@jea.com)
Jacksonville Electrical Authority (JEA)
225 North Pearl Street
Jacksonville, Florida 32202



From: Akhil Reddy Lebaka, M.S.
Senior Staff Engineer



Kirk A. McIntosh, P.E., D.GE
Geotechnical Consultant

Date: March 2, 2026

Re: Report of Geotechnical Field Exploration Services
JEA – NGS Preliminary Study
4377 Heckscher Drive
Jacksonville, Duval County, Florida
Terracon Project No. EQ255176

This Technical Memorandum (TM) presents the results of our geotechnical exploration, including twenty-three Piezocone Penetration Test (CPTu) soundings, five double-ring infiltrometer tests (DRI), two groundwater piezometers, and two slug tests.

Field Exploration and Testing Procedures

Piezocone Penetration Testing (CPTu): The Cone Penetration Test is an in-situ test in which an electronically instrumented cone penetrometer is hydraulically pushed into the soil while nearly continuous readings of cone tip resistance, sleeve friction resistance and pore water pressure are recorded on a portable computer. No drilling fluid is required. The cone is equipped with electronic load cells to measure tip resistance and sleeve resistance and a pressure transducer to measure the generated ambient pore pressure. When pore pressures are measured, the test is called the Piezocone Penetration Test. The face of the cone has an apex angle of 60 degrees and an area of 10 to 15 square centimeters. Digital data representing the tip resistance, friction resistance, pore water pressure, and probe inclination angle are recorded about every 2 centimeters while advancing through the ground at a rate between 1½ and 2½ centimeters per second. These measurements are correlated to various soil properties that are used for geotechnical design. It should be understood that no soil samples are obtained through this subsurface exploration technique; however, the data reduction software provides a reasonable estimate of soil behavioral type.

Piezocone (CPTu) soundings were performed using an electric piezocone with a U_2 pore pressure transducer configuration in general accordance with ASTM D5778 and the Technical Scope of Work. The CPTu data can be used to determine soil stratigraphy and to estimate soil parameters such as undrained shear strength, OCR, unit weight, preconsolidation stress, and constrained modulus. Our scope included performing pore pressure dissipation tests in the upper sandy soils to assist in determination of the depth to groundwater. These tests were performed for a time period not exceeding 10 minutes each. CPTu soundings CPT-3 and CPT-19 encountered refusal at depths of 11.6 feet and 3 feet, respectively. This refusal may be due to the presence of old foundations or buried utilities. As a result, we offset these two sounding locations about 5 feet and were able to push the cone to refusal depths of 52.6 feet and 65.8 feet, respectively. All other CPTu soundings encountered refusal at depths ranging from 49.7 feet to 73.4 feet. CPT Sounding Records and the CPT Correlative Parameter Sounding Records are included in the attachments.

Double-Ring Infiltrometer Tests: The double-ring infiltrometer tests were performed in accordance with ASTM D3385 and the Technical Scope of Work. The tests were performed at a depth of 3 feet below ground surface, and groundwater was not encountered in the manual auger borings drilled at the DRIT locations to the maximum depth of 5 feet. Our scope included rental of a small backhoe to excavate the test holes. Following the completion of each test, the excavation was backfilled with excavated soil and compacted using a small excavator. Double-Ring Infiltrometer Test Results are included in the attachments.

Auger Borings using HSA Methods: The borings were advanced using 6-inch outside diameter hollow stem augers to depths of 17 feet and 18 feet (at least 10 feet below the estimated seasonal highwater table, estimated by others to be about 5 feet below existing grade). These borings were used for piezometer installation and were backfilled with bentonite chips. No sampling or laboratory testing was requested. Groundwater piezometer logs are included in the attachments.

Piezometer Installation: The groundwater piezometers (P-1 and P-2) were installed at the site in accordance with ASTM D5092 and the Technical Scope of Work (Sections 01100.17 and 01100.17.6). P-1 was installed by Terracon using a Geoprobe drill rig equipped with a 6-inch-diameter hollow-stem auger, and P-2 was installed by EGS using a Diedrich D50 drill rig equipped with a 6-inch-diameter hollow-stem auger. The borehole diameter was approximately 8 inches. Each groundwater piezometer was constructed with a 2-inch diameter Schedule 40 PVC riser pipe and a flush-joint, 0.010-inch factory-slotted prepacked well screen. The well screens were 5 feet in length. The filter pack consisted of 20/30 silica sand and was placed from the bottom of the borehole to a minimum of 2 feet above the top of the screen. A bentonite seal was installed above the filter pack. The remaining annular space was backfilled to ground surface with drill cuttings. The two groundwater piezometers (P-1 and P-2) were installed to depths of 17 to 18 feet bgs. Groundwater piezometer logs are included in the attachments.

Slug Testing: Slug tests were performed in accordance with ASTM D4044 and the Technical Scope of Work (Sections 01100.17 and 01100.17.7).

Procedures for instantaneous change in head (slug) test

The following sections present the general procedures for performing a slug test.

Procedure for preparing for slug test and setting up testing equipment

1. Confirmed piezometer identification with piezometer construction diagram and site location map.
2. Measured the total depth of the piezometer using a water level meter.
3. Measured the water level in the piezometer. This was repeated at the end of the test for long duration slug tests. The water column in the piezometer was deep enough to cover the transducer and the slug.
4. Documented the total depth, static water level, piezometer diameter and screened interval of the piezometer in field slug test log. The diameter of the borehole, nature of filter pack, and screen slot size were also documented.
5. Placed the transducer in the piezometer below the level at which the slug was submerged, but not so low that the range of the transducer might be exceeded at the highest anticipated water level. Secured the transducer in place. The transducer was not moving during the test.
6. Measured (estimated) the maximum length of slug line that was used/needed. This length allowed the slug to completely submerge about 1-2 feet below the water surface.
7. Allowed the transducer to adjust to the new pressure and temperature following manufacturer's guidance documents. This also provided time for the water level to recover prior to the test
8. Set up a tripod or some other device from which the slug could be easily lowered and raised in the well.
9. Lowered the clean, decontaminated slug to a point just above the water level and secured it in-place. Tried not to kink or move the transducer line. A simple approach for securing the slug was to tie a loop of cord that was holding the slug about 1-foot above the water surface and then tie a second loop at the length of the cord required for the entire slug to submerge. Put both of the loops over a rod or wooden 2 by 4 that rested across the top of the well casing.
10. Prepared the transducer. The transducer was set to record data as frequently as possible during the first minutes of the test and could be set to record less frequently during later times. Recording in seconds on a logarithmic scale met this objective. **NOTE:** because no field computer was onsite, the transducer had to be pre-programmed.
11. Established a starting water level for the transducer. Data analysis was based on the change in water level rather than a comparison to a standard datum. The transducer's starting water level can be set to zero, a value equal to the head of the water above the transducer, or any other value.

Procedure for SLUG IN TEST

1. Began the test by starting the transducer and nearly simultaneously submerging the slug quickly but gently into the water to minimize disturbance at the water surface or movement of the transducer cable. Secured the slug cord to maintain its position below the water level.

2. After 1 minute, and periodically thereafter, checked the status of the water level reading on the transducer manually with a water level meter.
3. When the water level in the piezometer had at least 90 percent recovery to its static level or at a period of 20 minutes after the start of the test, whichever came first (water levels were recorded at a minimum of the following time intervals: 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 50 seconds, 1 minute, and at 1-minute intervals beyond 1 minute), the slug-in test was stopped. We then begin raising the head and performed the slug-out test.

Procedure for SLUG OUT TEST

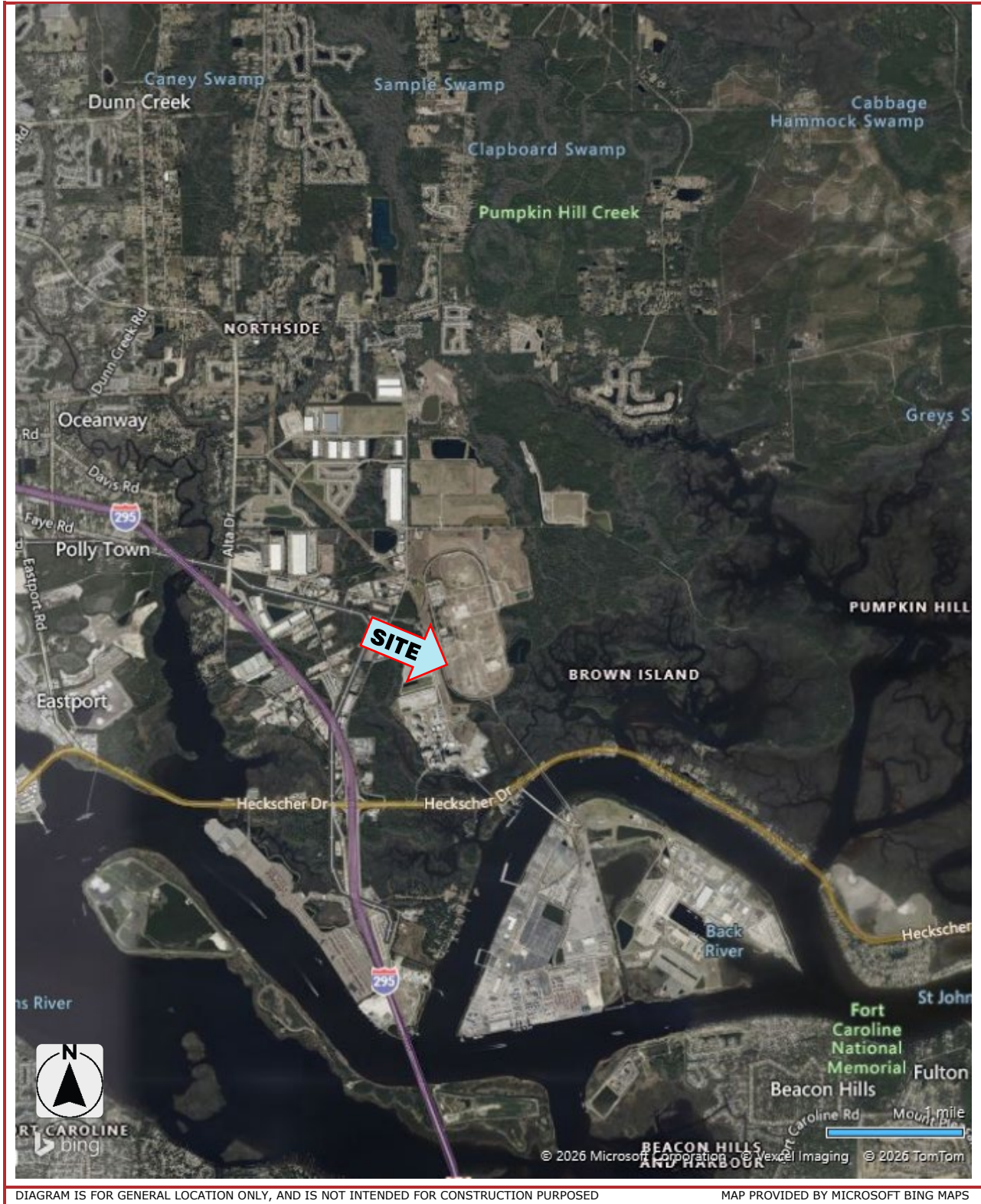
1. Established a starting water level for the transducer and data logger. Data analysis was based on the change in water level rather than a comparison to a standard datum. The transducer starting water level was set to zero, a value equal to the head of water above the transducer, or some other value.
2. Prepared the transducer. The transducer was set to record data as frequently as possible during the first few minutes of the test, and it was set to record less frequently during later times. Recording in seconds on a logarithmic time scale met this objective.
3. The test began by starting the transducer and nearly simultaneously withdrawing the slug quickly but gently from the water to minimize disturbance at the water surface or movement of the transducer cable. The slug was not withdrawn completely out of the well but was pulled out of the water. The slug cord was secured to maintain its position above the water level inside the well casing.
4. After 1 minute, and periodically thereafter, the status of the water level reading was checked manually with a water level meter using the transducer.
5. When the water level in the piezometer had at least 90 percent recovery to its static level or at a time period of 20 minutes after the start of the test, (whichever came first), water levels were recorded at a minimum of the following time intervals: 0.2, 0.4, 0.6, 0.8, 1.0, 1.2, 1.4, 1.6, 1.8, 2.0, 3, 4, 5, 6, 7, 8, 9, 10, 12, 14, 16, 18, 20, 25, 30, 35, 40, 50 seconds, 1 minute, and at 1-minute intervals beyond 1 minute), and then the test was stopped. This is the end of the rising head or slug out test.
6. Reviewed the data and notes for completeness and accuracy.
7. Repeated test if necessary.

Slug Test Results are included in the attachments.

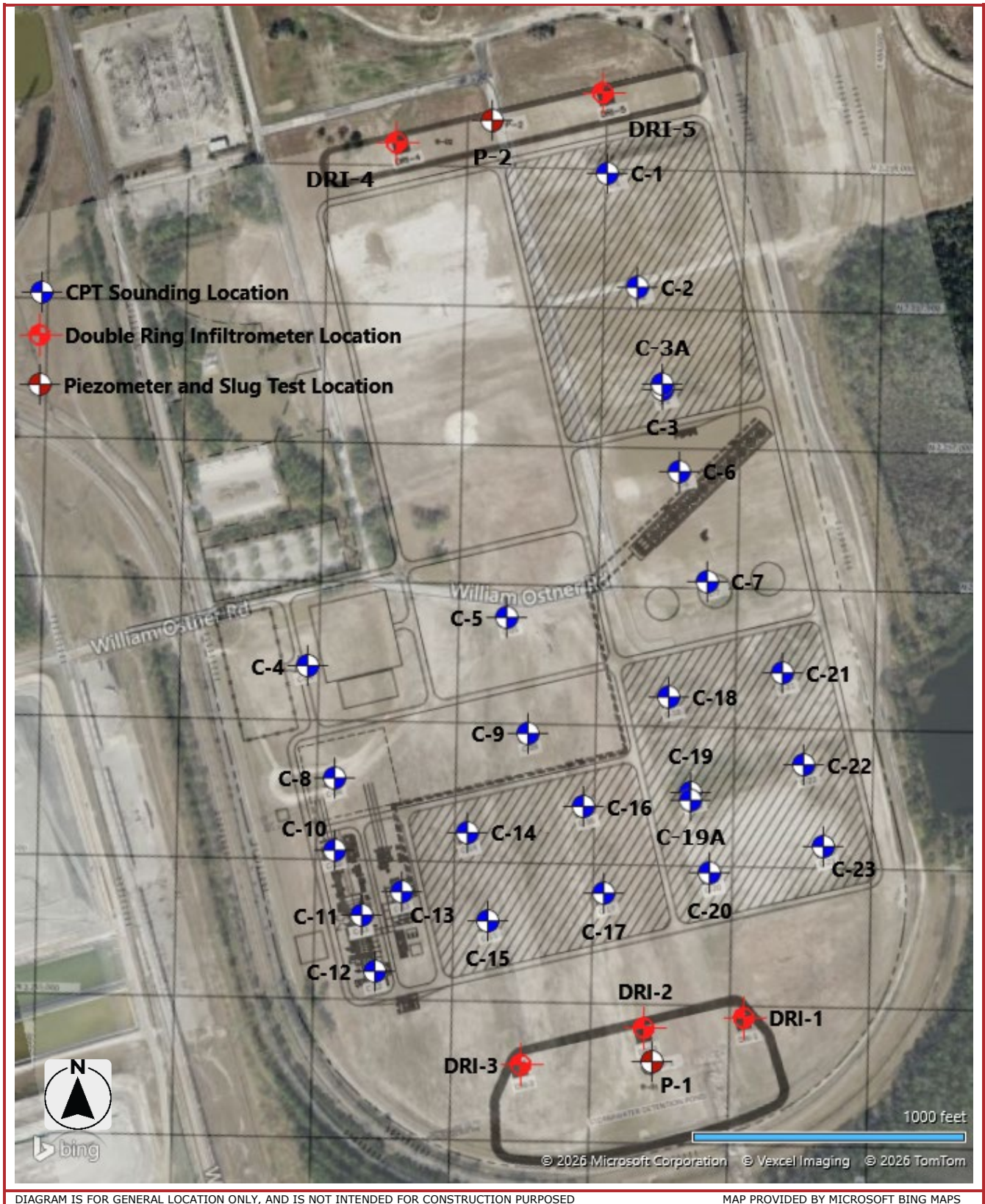
Attachments

- Site Location Map
- Exploration Plan
- CPT Sounding Records
- CPT Correlative Parameter Sounding Records
- DRI Test Results
- Groundwater Piezometer Logs
- Slug Test Results

Site Location Map



Exploration Plan



CPT Sounding ID 176-CPT-1

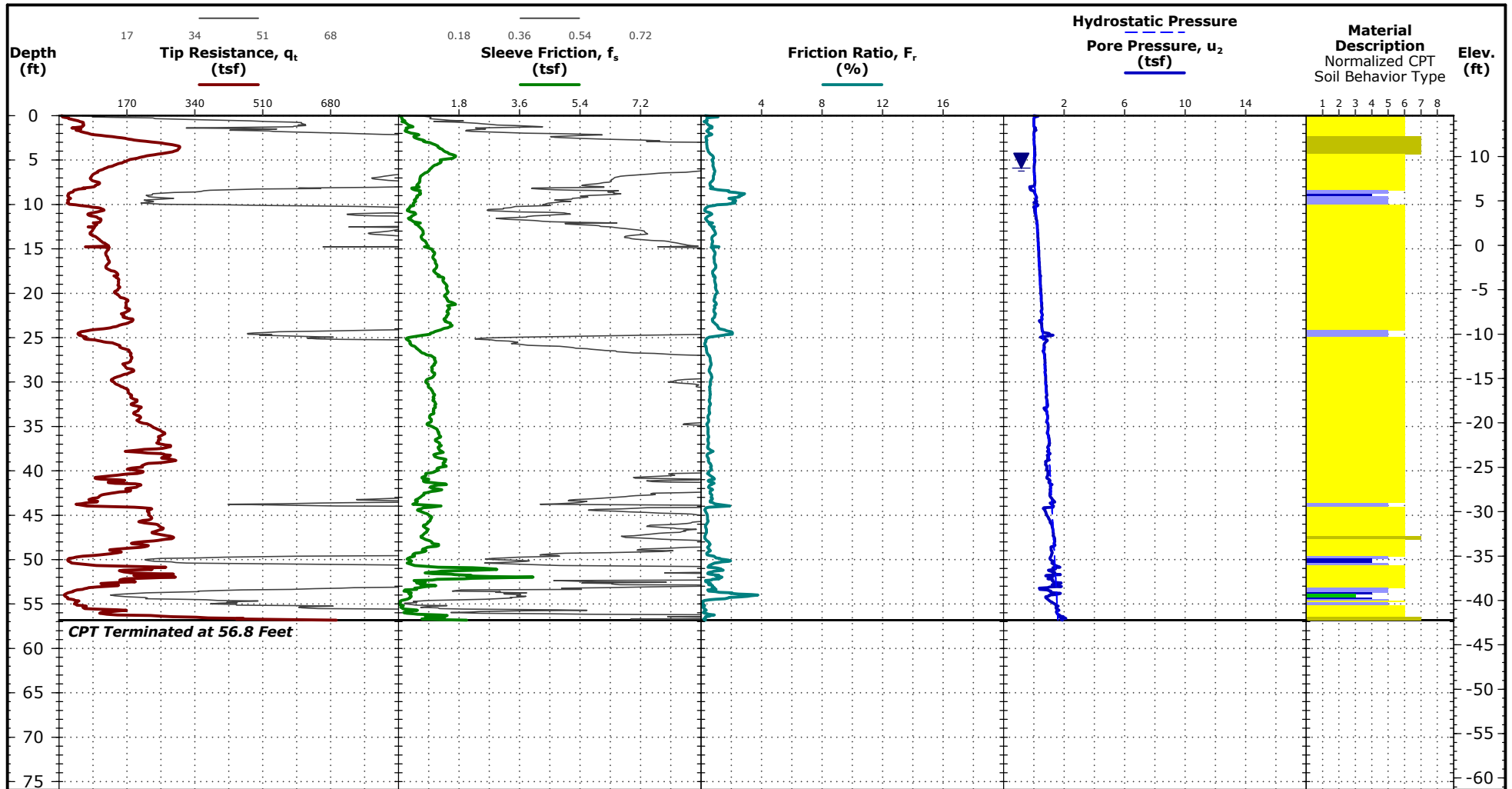
Latitude: 30.433450° Longitude: -81.549311°

Elevation: 14.6 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/12/2026

CPT Completed: 1/12/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 5.9 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-2

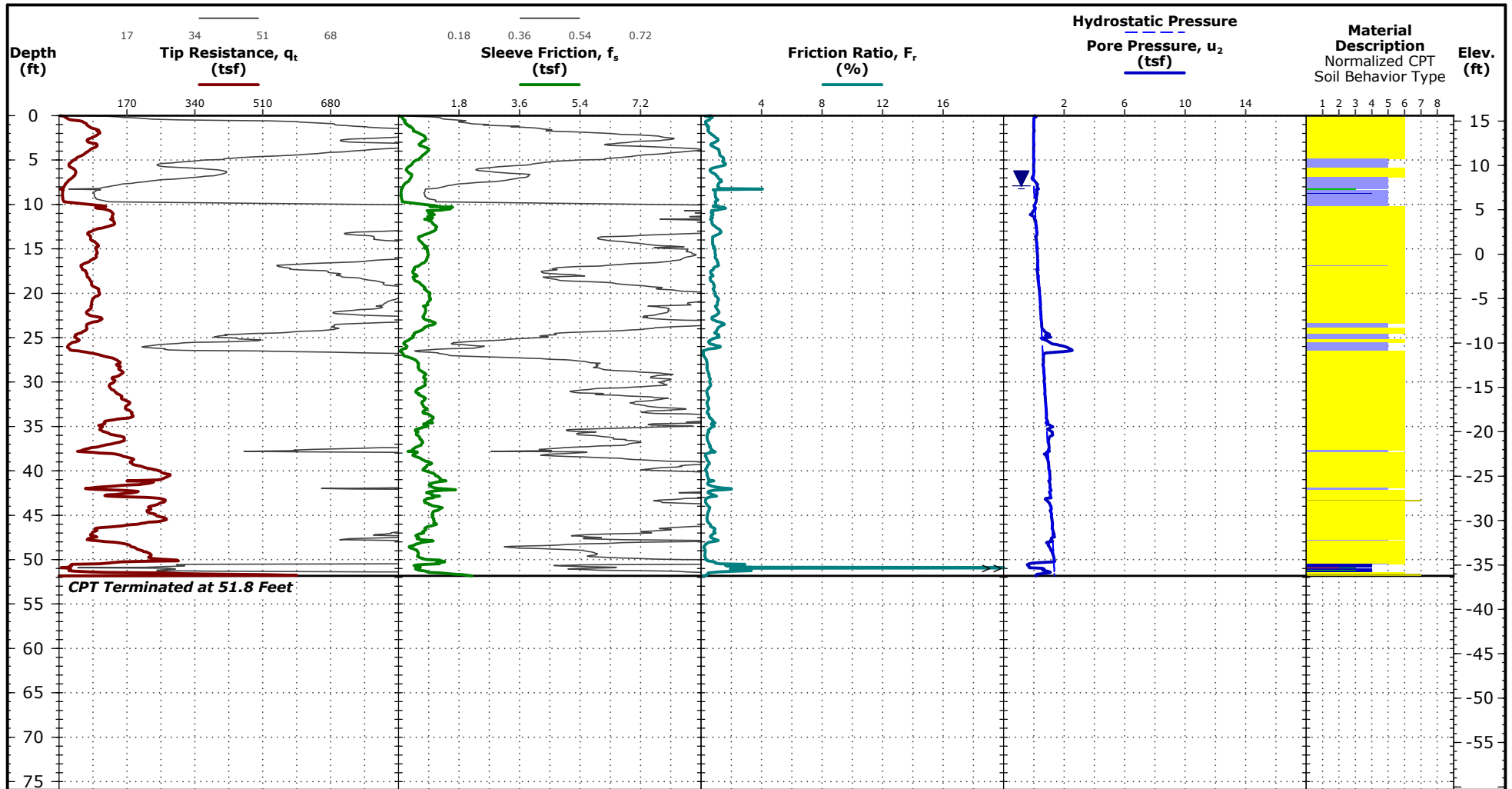
Latitude: 30.432304° Longitude: -81.548959°

Elevation: 15.6 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/12/2026

CPT Completed: 1/12/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes
 Test Location: See [Exploration Plan](#)

CPT Equipment
 CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation
 7.9 ft measured water depth
 (used in normalizations and correlations)

- Normalized Soil Behavior Type (Robertson 1990)**
- 1 Sensitive, fine grained
 - 2 Organic soils - clay
 - 3 Clay - silty clay to clay
 - 4 Silt mixtures - clayey silt to silty clay
 - 5 Sand mixtures - silty sand to sandy silt
 - 6 Sands - clean sand to silty sand
 - 7 Gravelly sand to dense sand
 - 8 Very stiff sand to clayey sand
 - 9 Very stiff fine grained

CPT Sounding ID 176-CPT-3

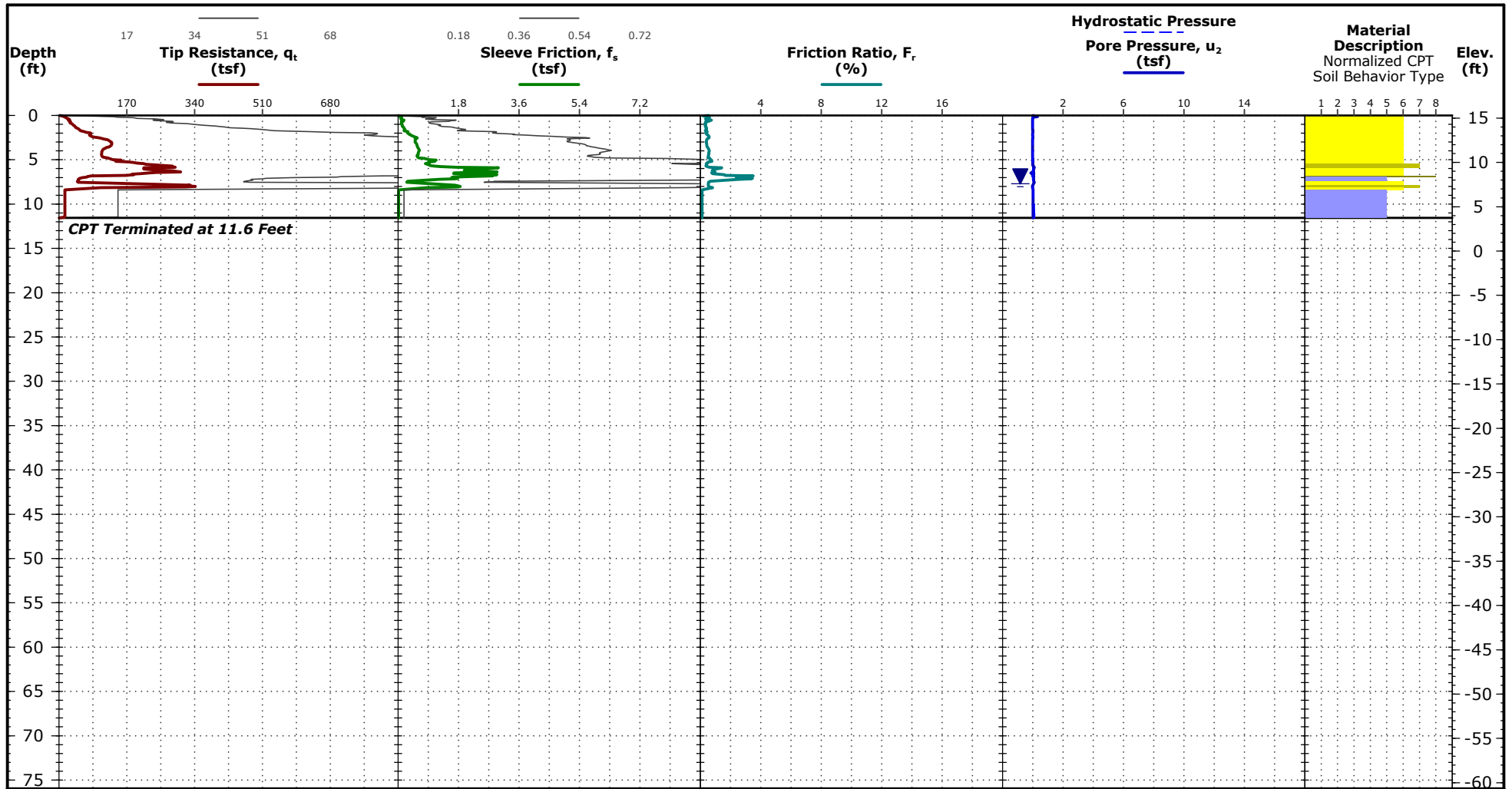
Latitude: 30.431275° Longitude: -81.548666°

Elevation: 15.3 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/12/2026

CPT Completed: 1/12/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 7.7 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-3A



8001 Baymeadows Way Ste 1
 Jacksonville, FL

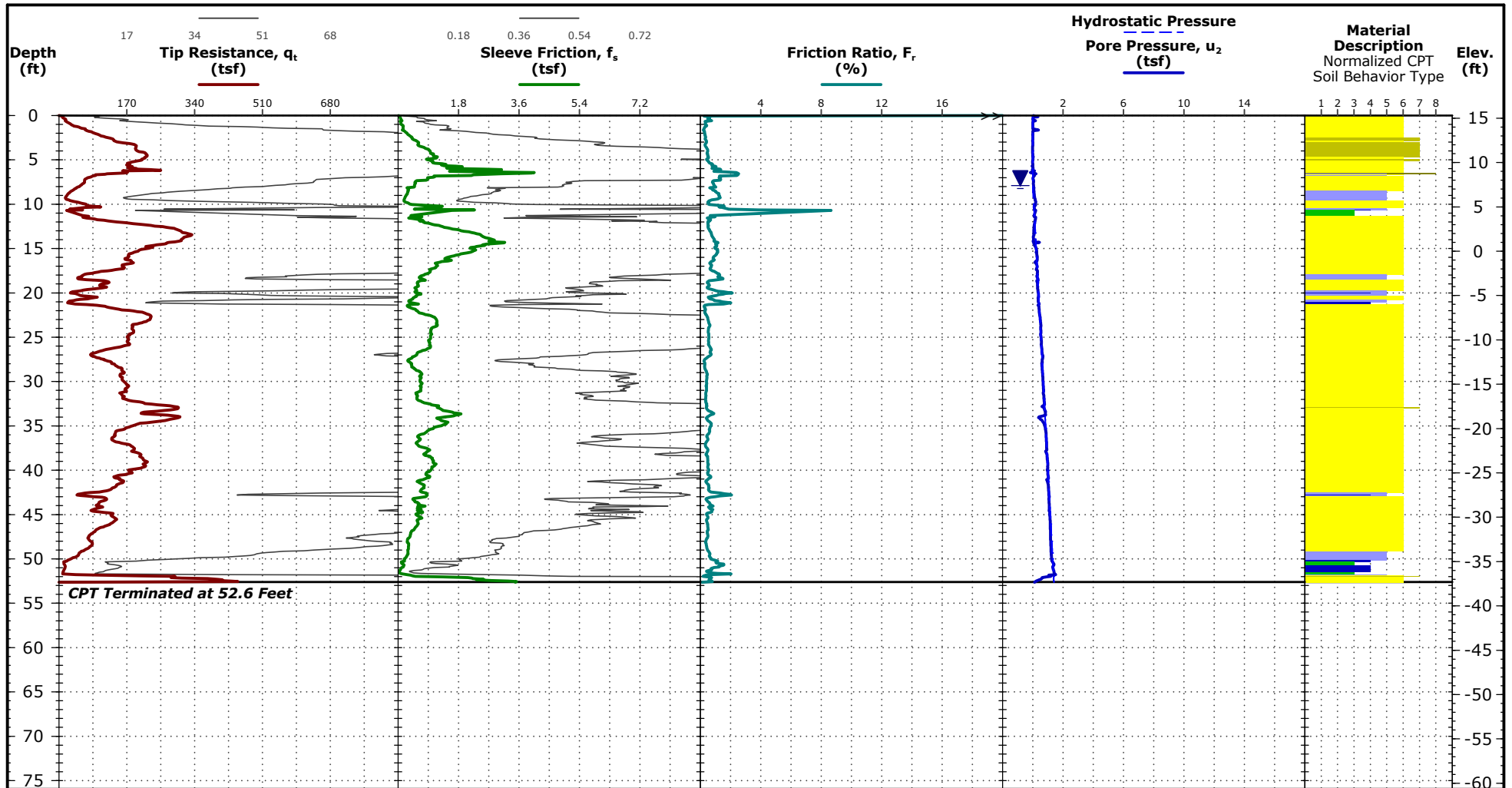
Latitude: 30.431303° Longitude: -81.548666°

Elevation: 15.3 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/12/2026

CPT Completed: 1/12/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 7.9 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-4



8001 Baymeadows Way Ste 1
 Jacksonville, FL

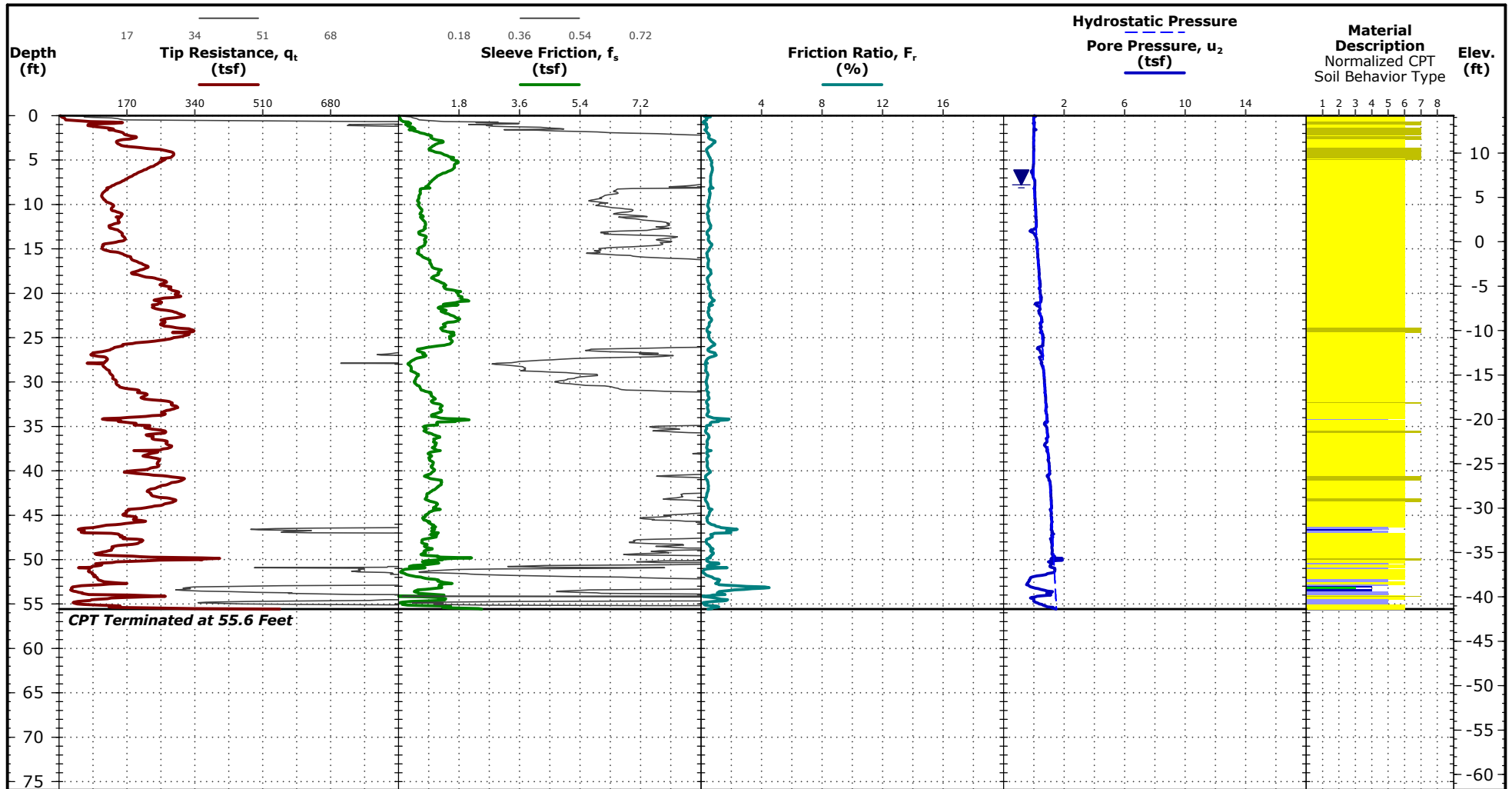
Latitude: 30.428497° Longitude: -81.552808°

Elevation: 14.2 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/13/2026

CPT Completed: 1/13/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 7.8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-5

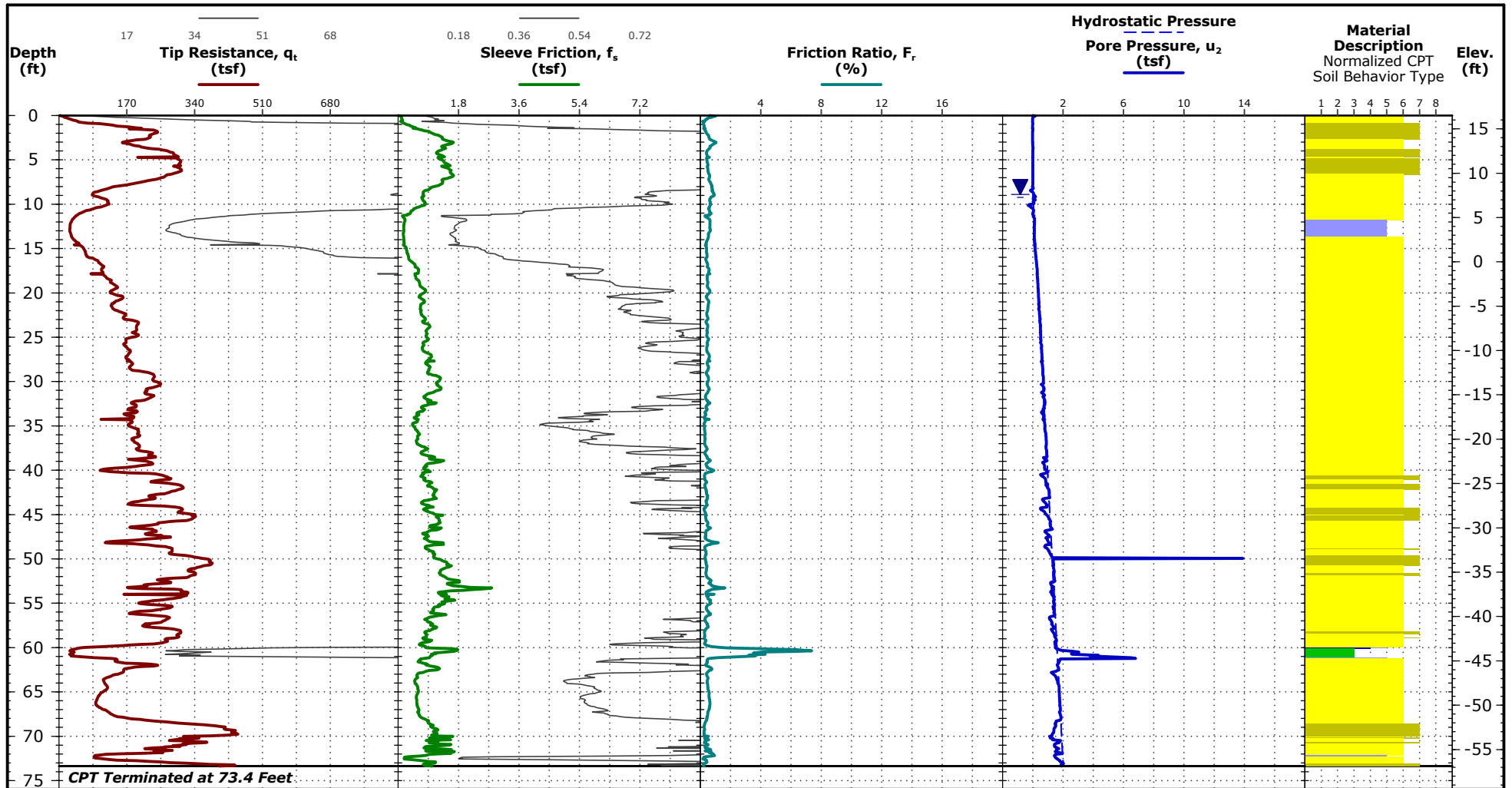
Latitude: 30.428982° Longitude: -81.550484°

Elevation: 16.5 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/13/2026

CPT Completed: 1/13/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.9 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-6



8001 Baymeadows Way Ste 1
 Jacksonville, FL

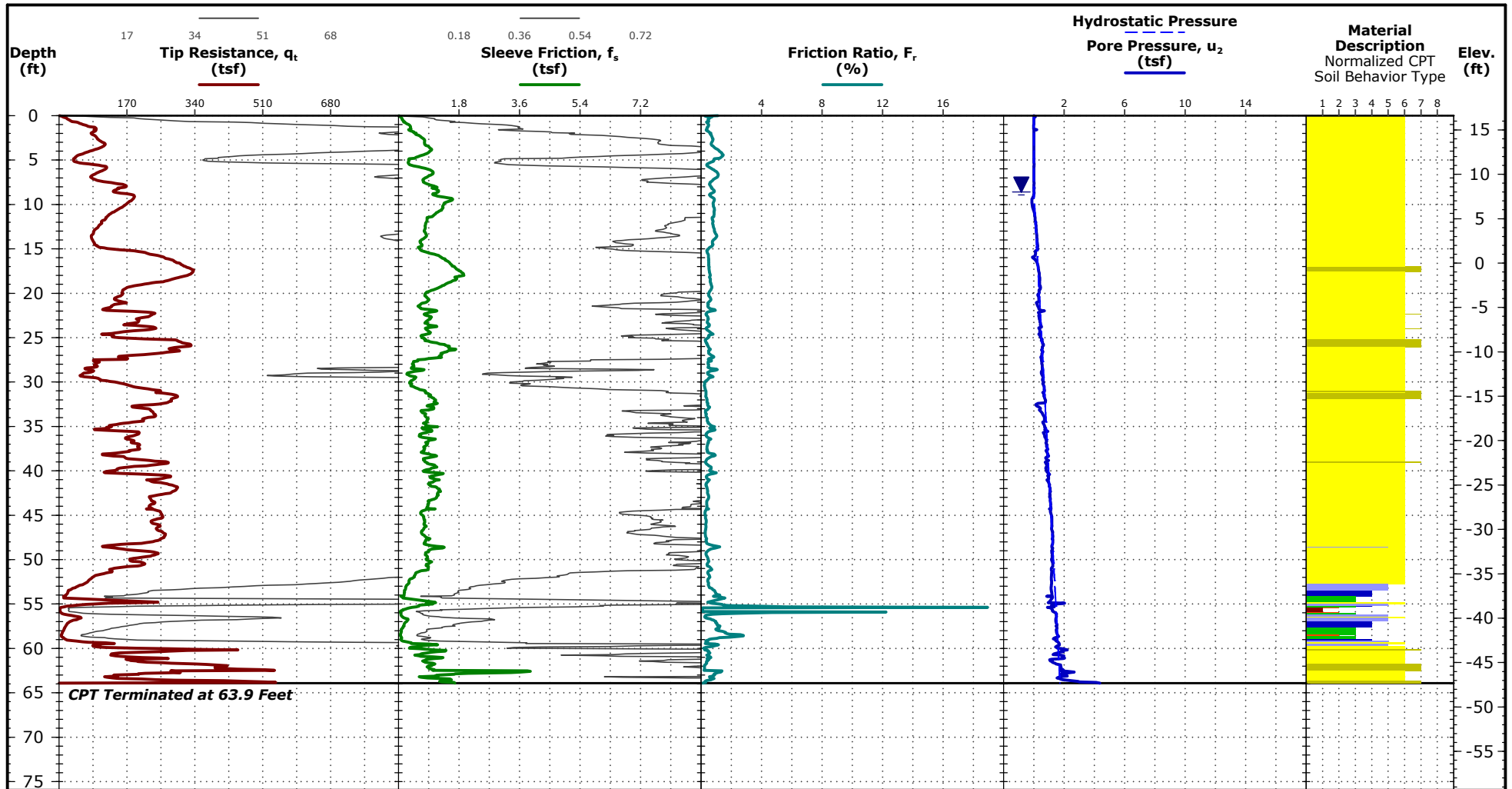
Latitude: 30.430449° Longitude: -81.548470°

Elevation: 16.6 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/13/2026

CPT Completed: 1/13/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.6 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-7

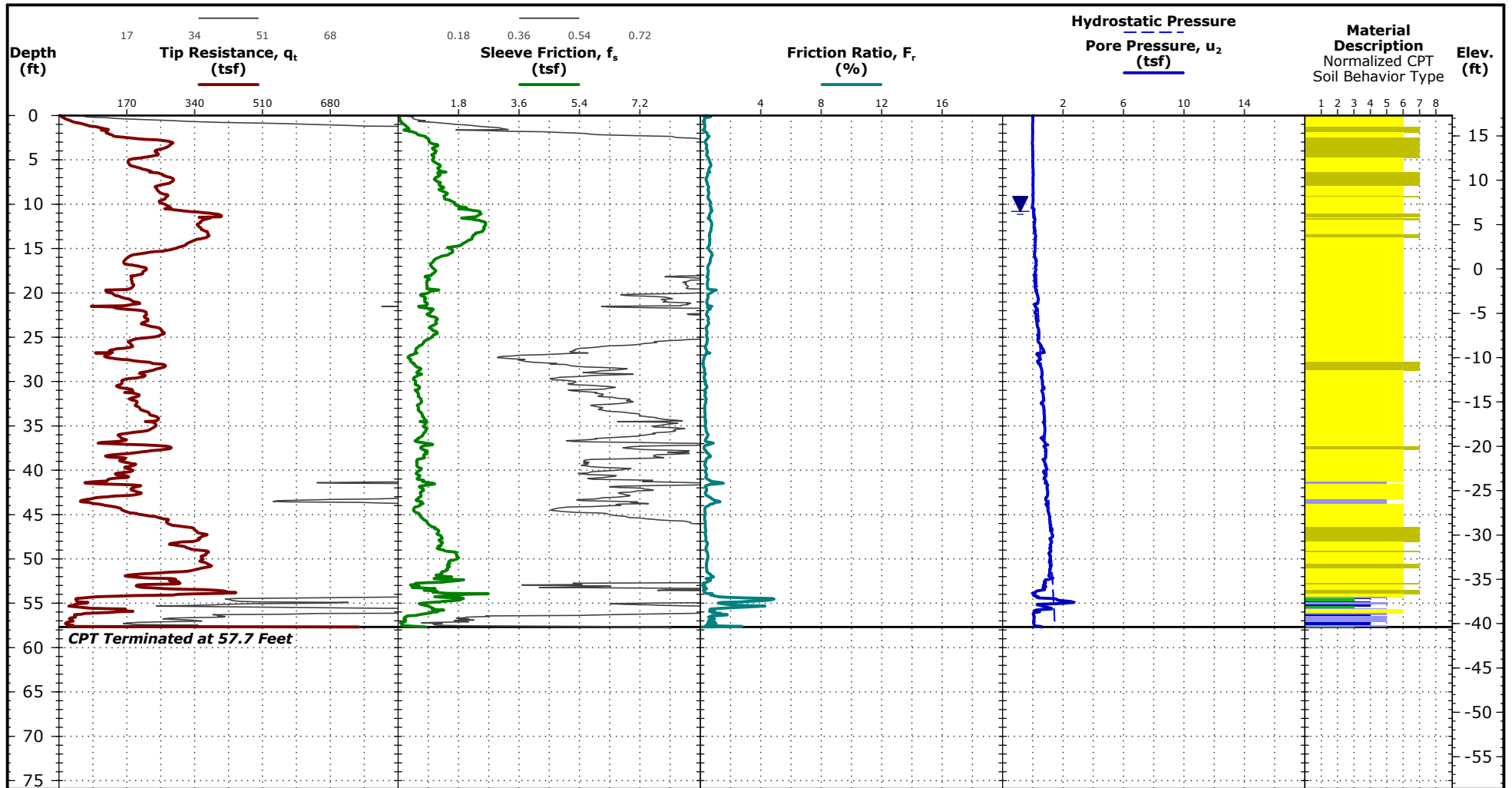
Latitude: 30.429341° Longitude: -81.548143°

Elevation: 17.3 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/13/2026

CPT Completed: 1/13/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 10.8 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-8

Latitude: 30.427367° Longitude: -81.552493°



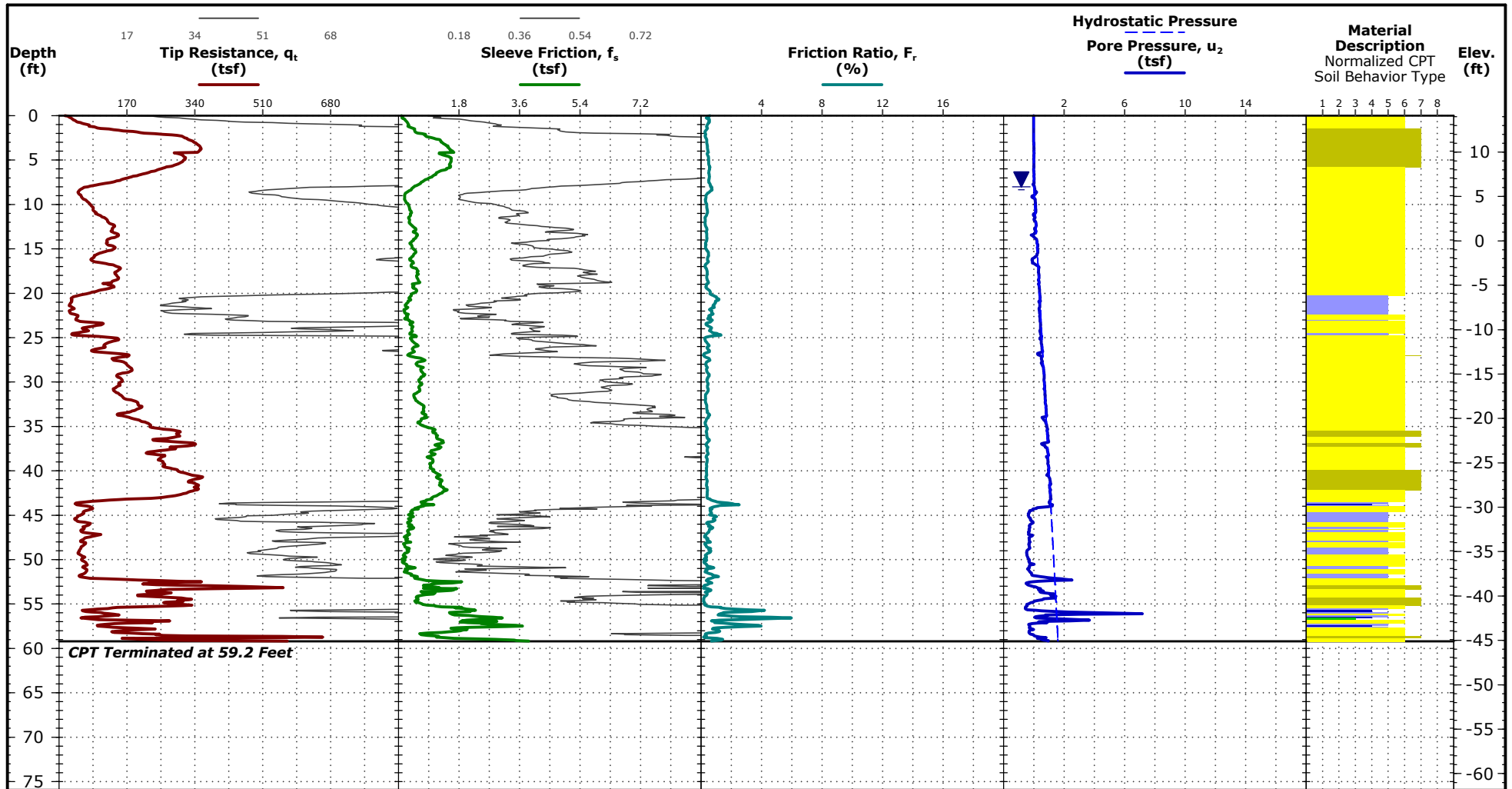
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 14.1 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/13/2026

CPT Completed: 1/13/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-9

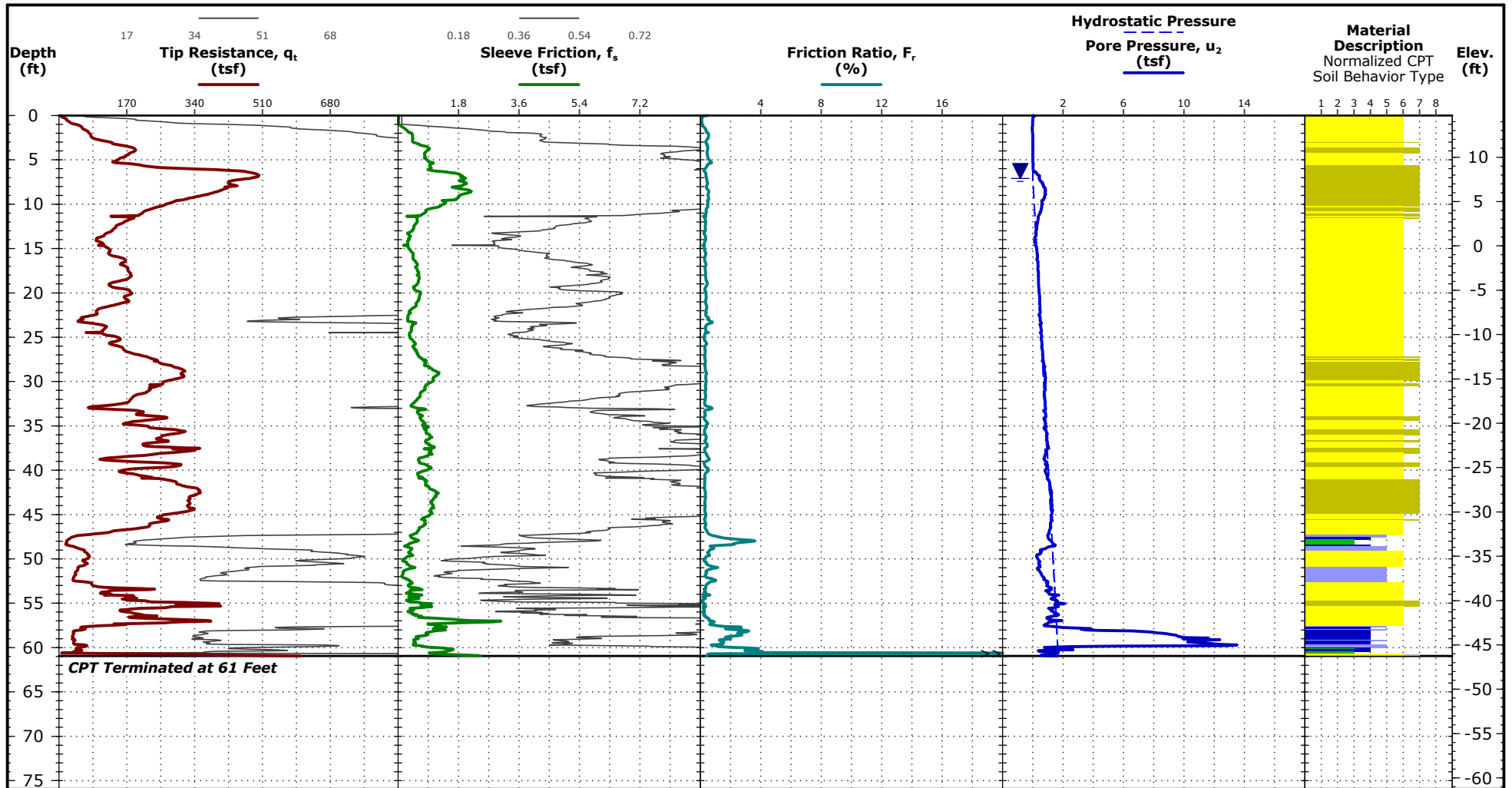
Latitude: 30.427814° Longitude: -81.550237°

Elevation: 14.7 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/14/2026

CPT Completed: 1/14/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 7.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-10

Latitude: 30.426640° Longitude: -81.552493°



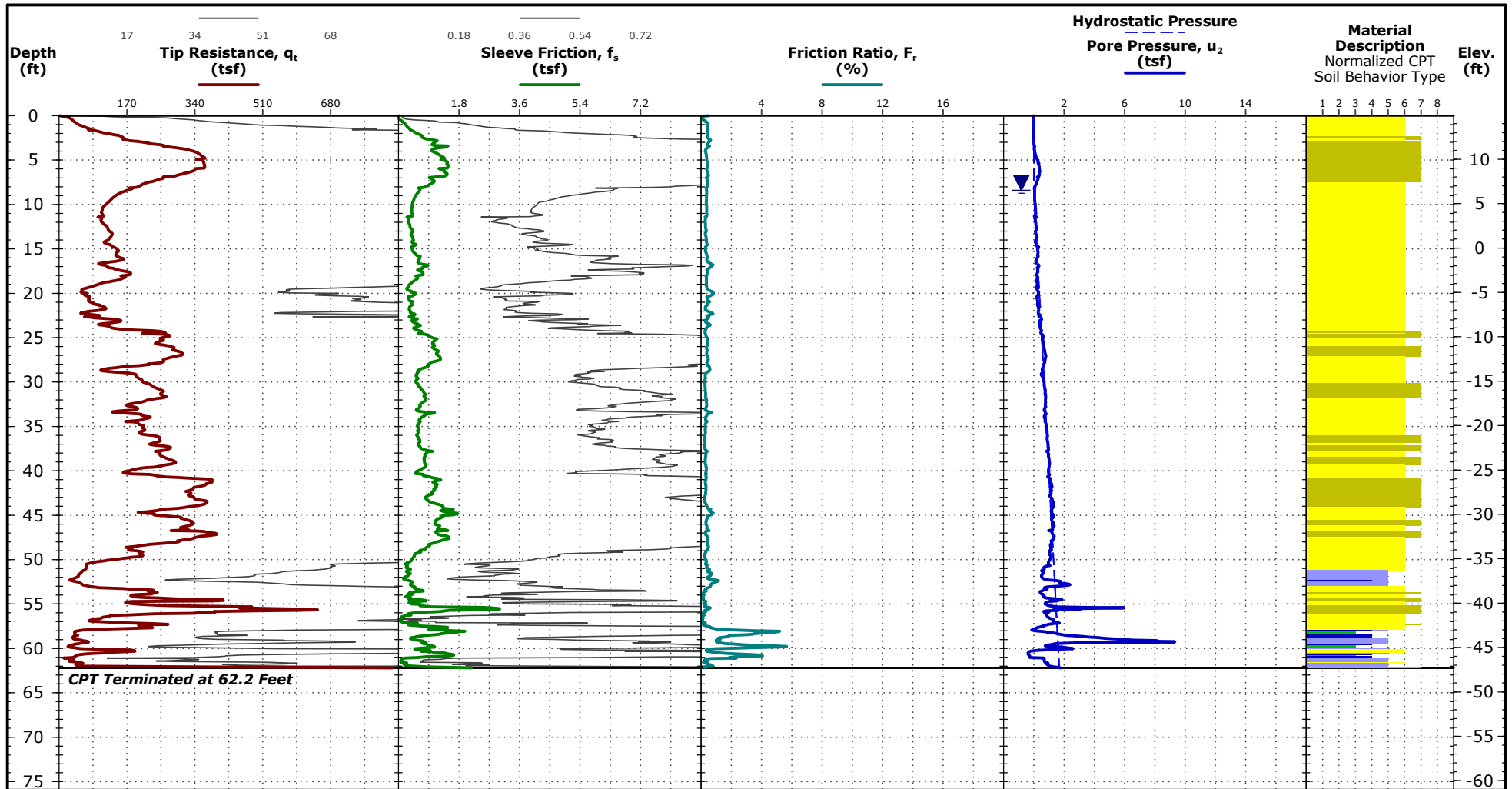
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/14/2026

CPT Completed: 1/14/2026

Elevation: 14.9 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.4 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-11

Latitude: 30.425987° Longitude: -81.552178°



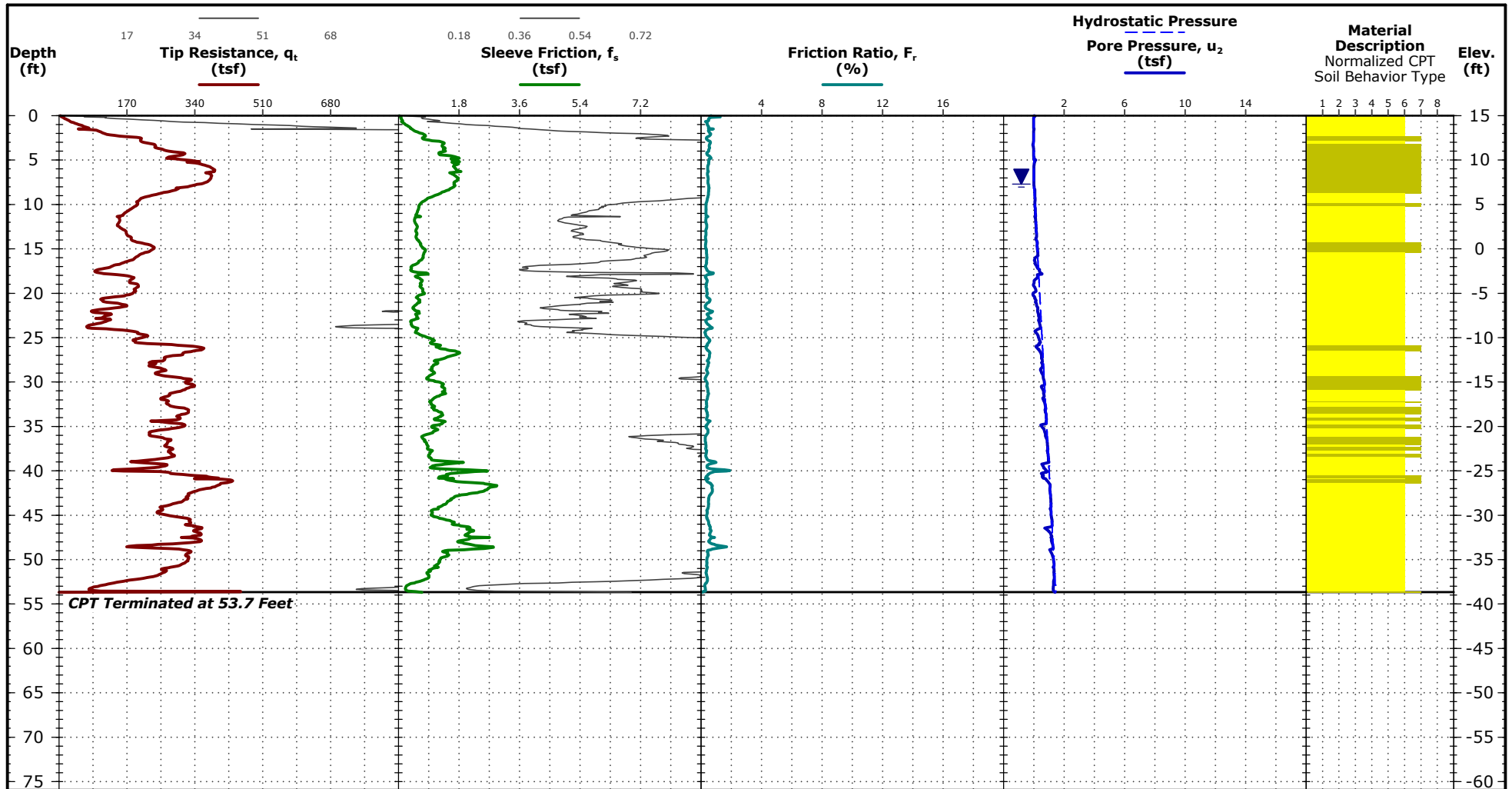
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/14/2026

CPT Completed: 1/14/2026

Elevation: 15.0 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 7.7 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-12

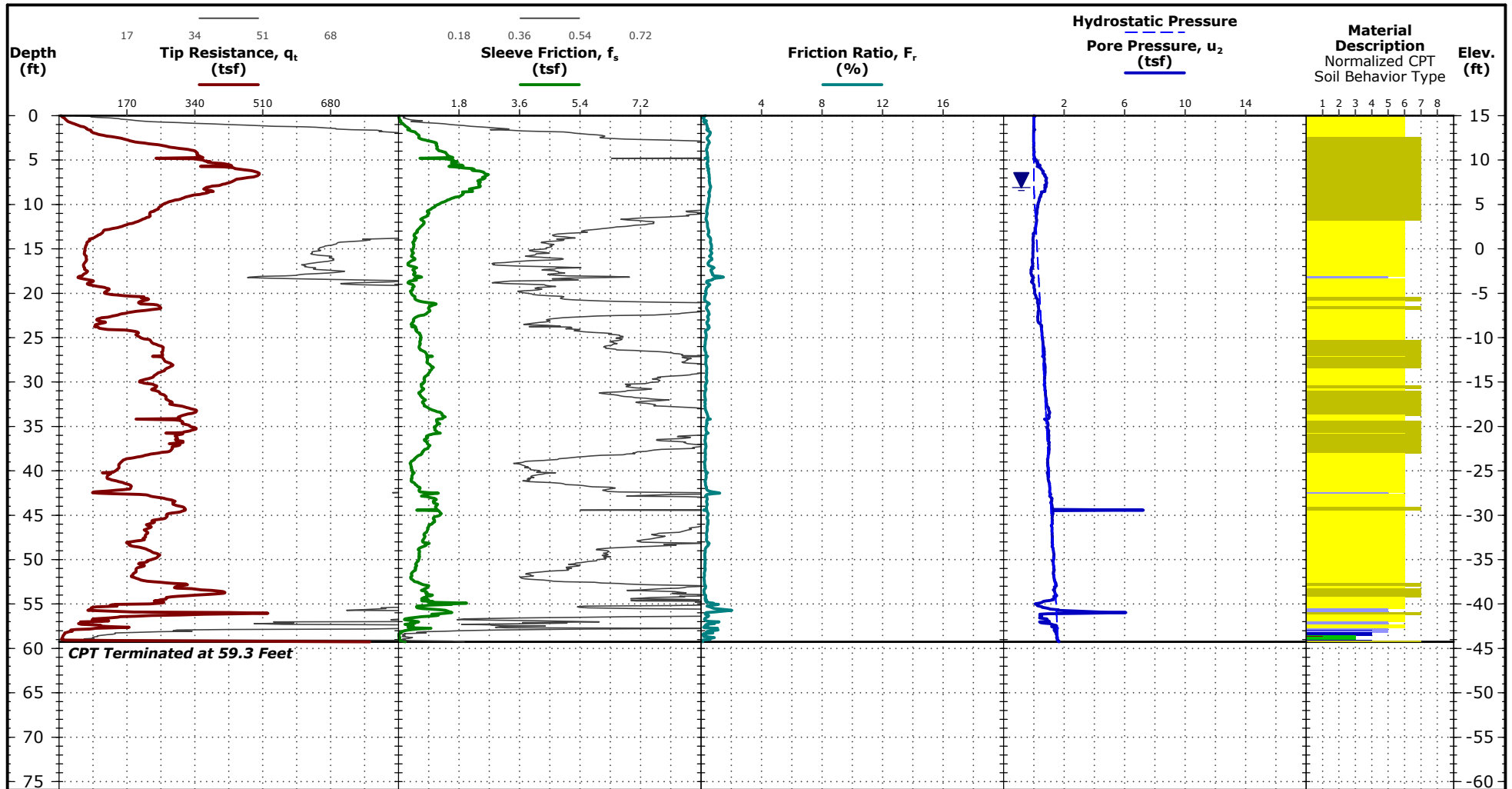
Latitude: 30.425422° Longitude: -81.552024°

Elevation: 15.0 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/14/2026

CPT Completed: 1/14/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-13

Latitude: 30.426222° Longitude: -81.551709°



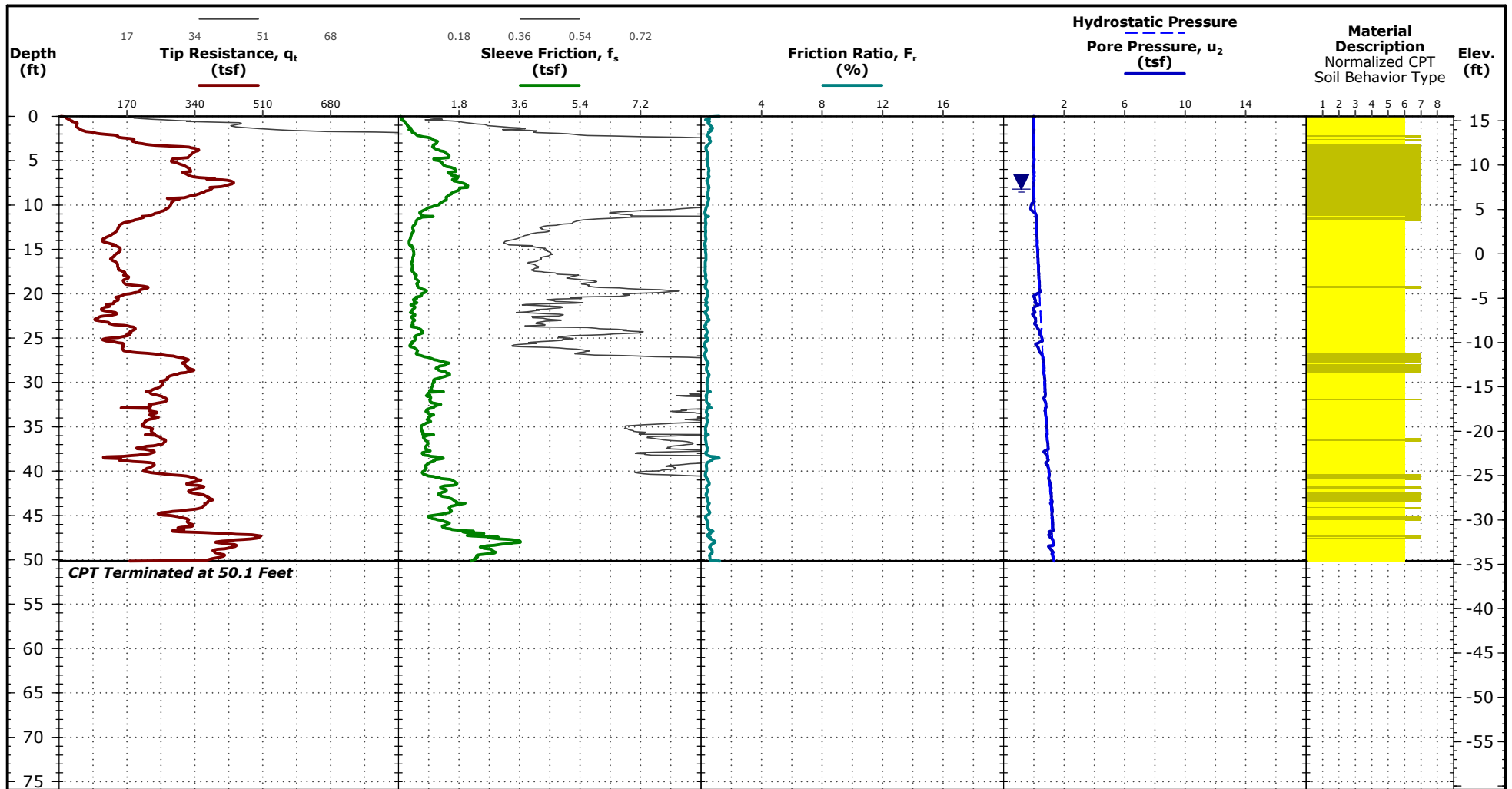
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/15/2026

CPT Completed: 1/15/2026

Elevation: 15.5 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.2 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-14

Latitude: 30.426816° Longitude: -81.550943°



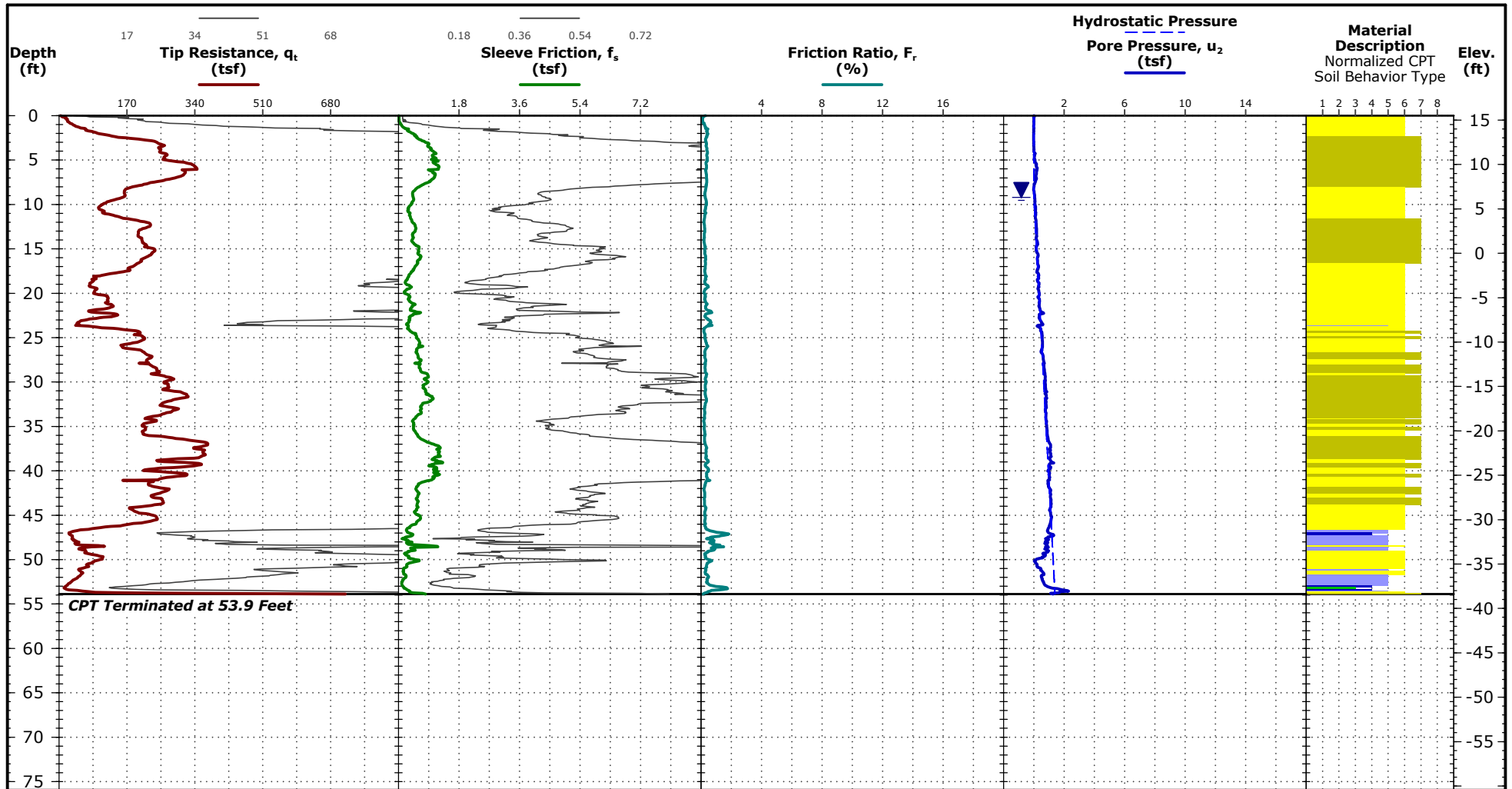
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/15/2026

CPT Completed: 1/15/2026

Elevation: 15.5 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6722
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 9.2 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-15

Latitude: 30.425928° Longitude: -81.550705°



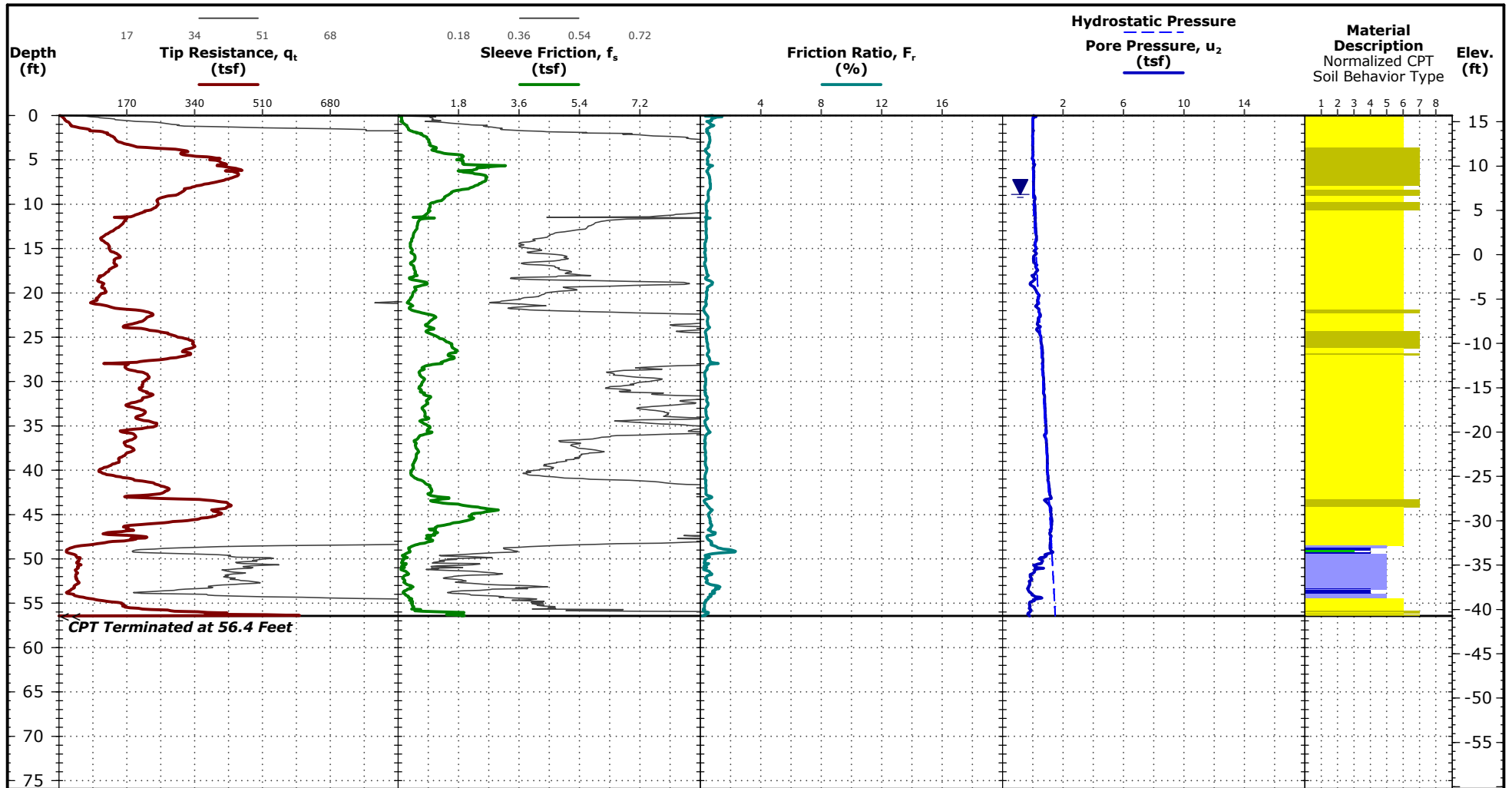
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/19/2026

CPT Completed: 1/19/2026

Elevation: 15.7 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8.9 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-16

Latitude: 30.427080° Longitude: -81.549590°



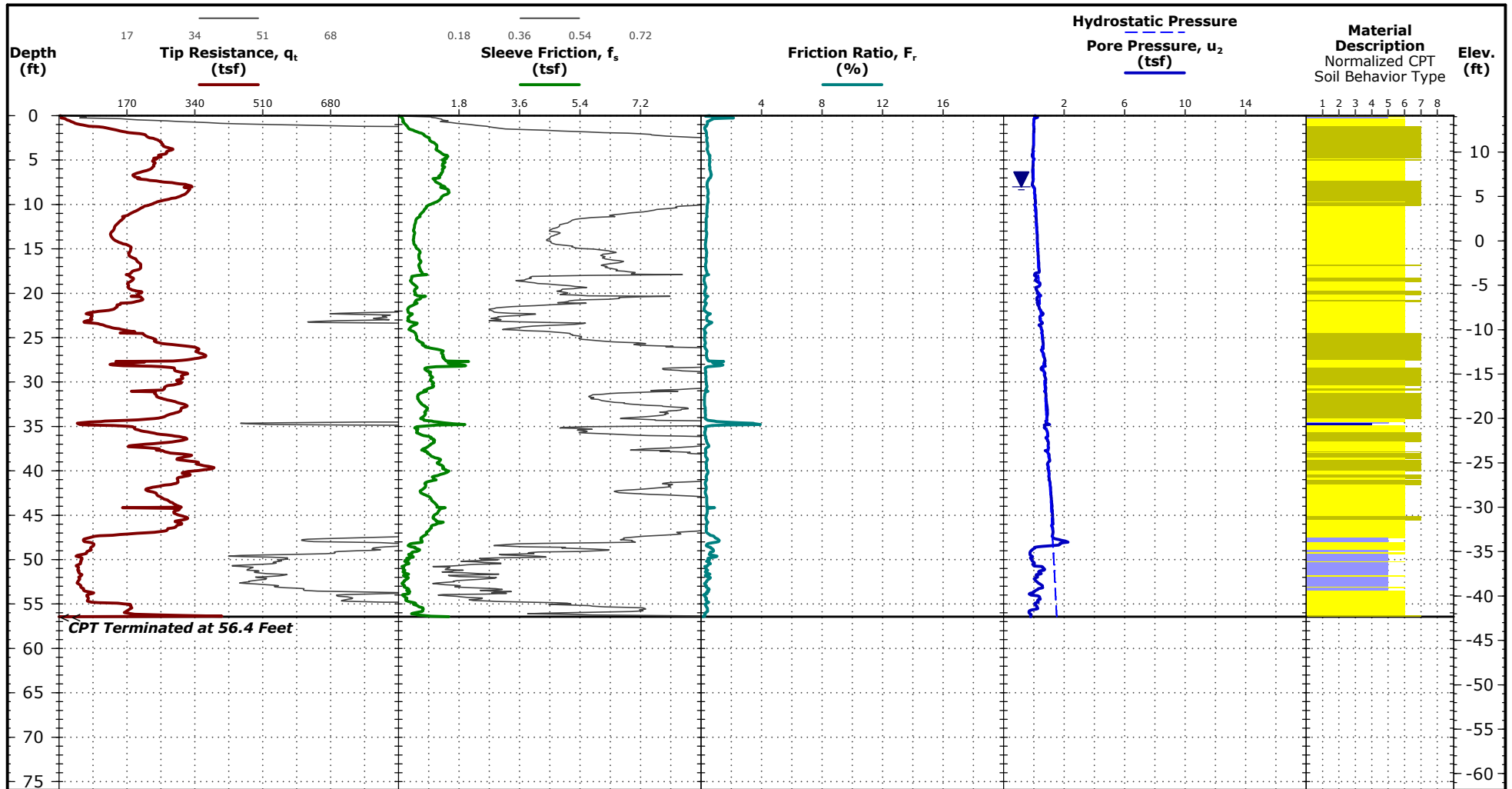
8001 Baymeadows Way Ste 1
 Jacksonville, FL

CPT Started: 1/19/2026

CPT Completed: 1/19/2026

Elevation: 14.1 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-17

Latitude: 30.426207° Longitude: -81.549352°



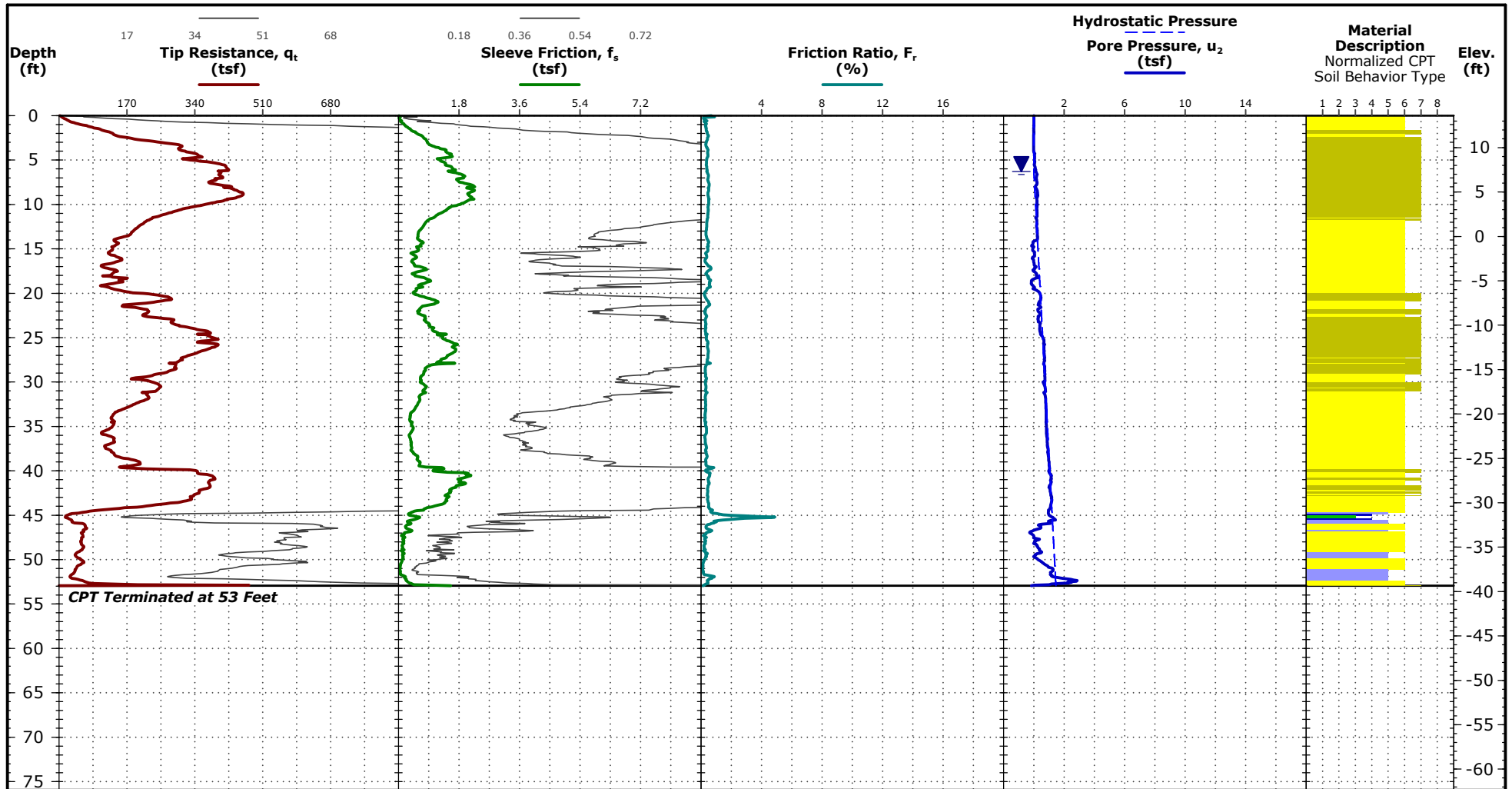
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 13.6 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/19/2026

CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 6.3 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-18

Latitude: 30.428181° Longitude: -81.548594°



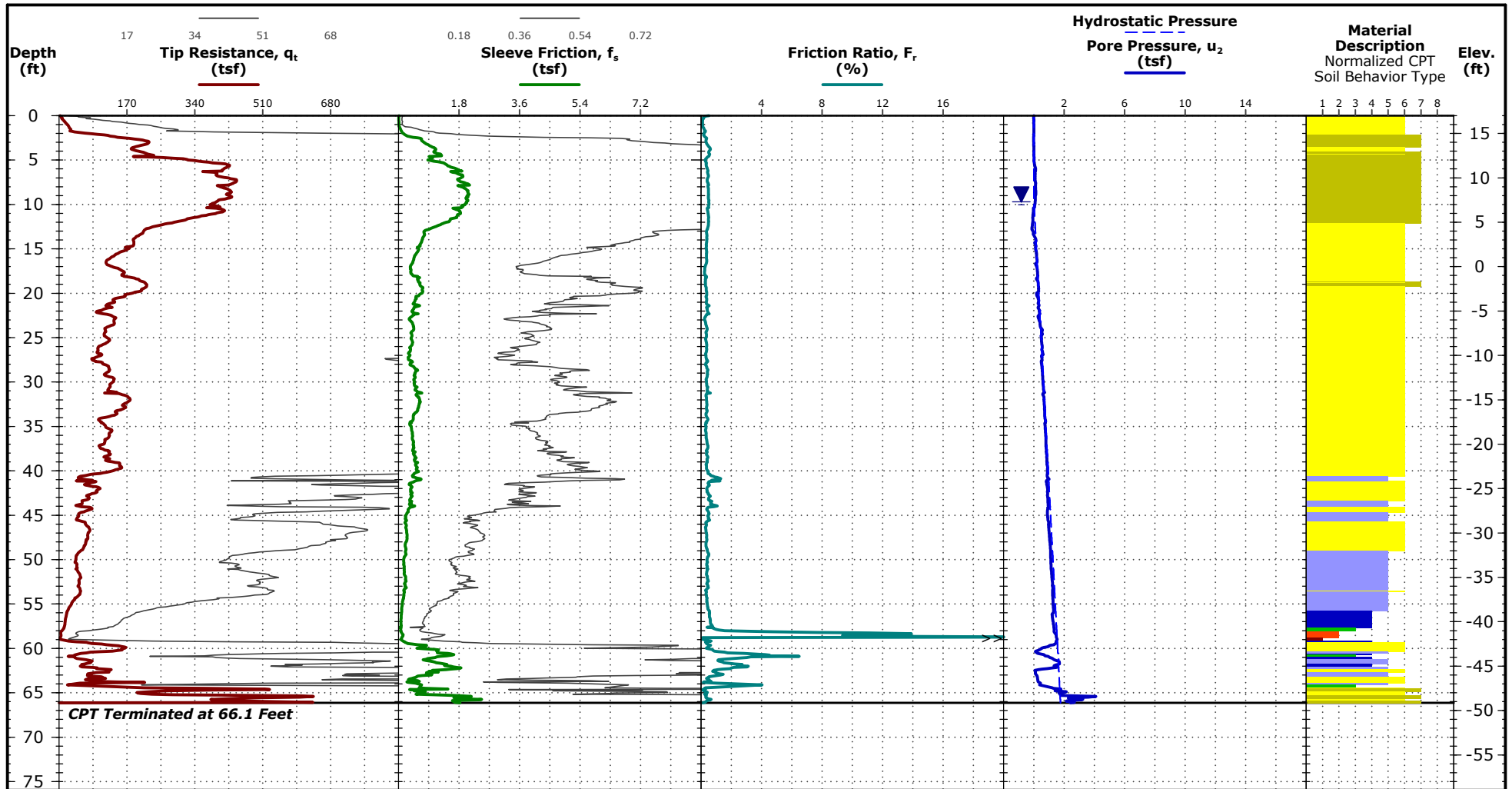
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 17.0 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/19/2026

CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 9.7 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-19

Latitude: 30.427220° Longitude: -81.548339°



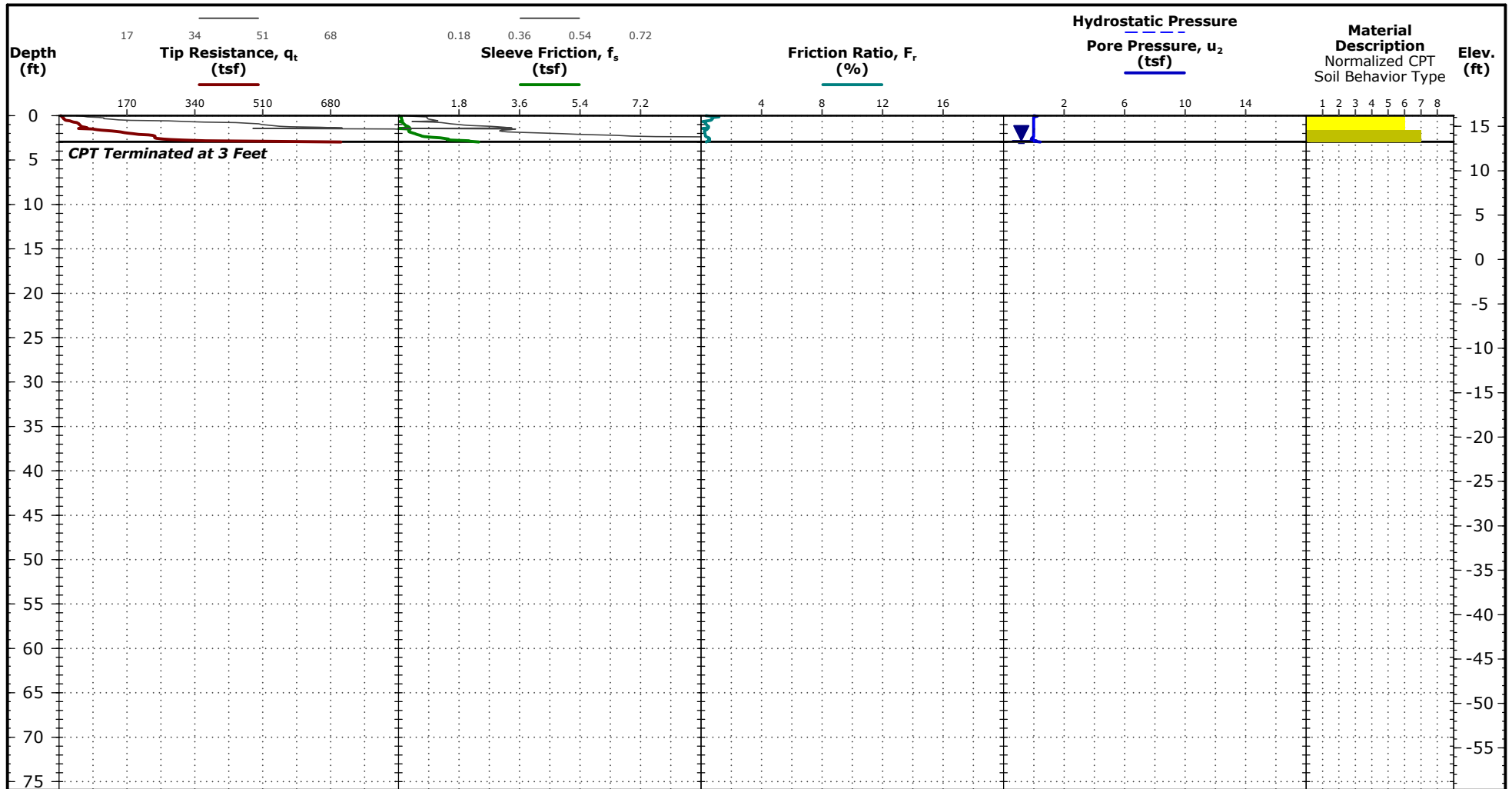
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 16.2 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/19/2026


CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes
 Test Location: See [Exploration Plan](#)

CPT Equipment
 CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation
 2.8 ft estimated water depth
 (used in normalizations and correlations)

- Normalized Soil Behavior Type (Robertson 1990)**
- 1 Sensitive, fine grained
 - 2 Organic soils - clay
 - 3 Clay - silty clay to clay
 - 4 Silt mixtures - clayey silt to silty clay
 - 5 Sand mixtures - silty sand to sandy silt
 - 6 Sands - clean sand to silty sand
 - 7 Gravelly sand to dense sand
 - 8 Very stiff sand to clayey sand
 - 9 Very stiff fine grained

CPT Sounding ID 176-CPT-19A



8001 Baymeadows Way Ste 1
 Jacksonville, FL

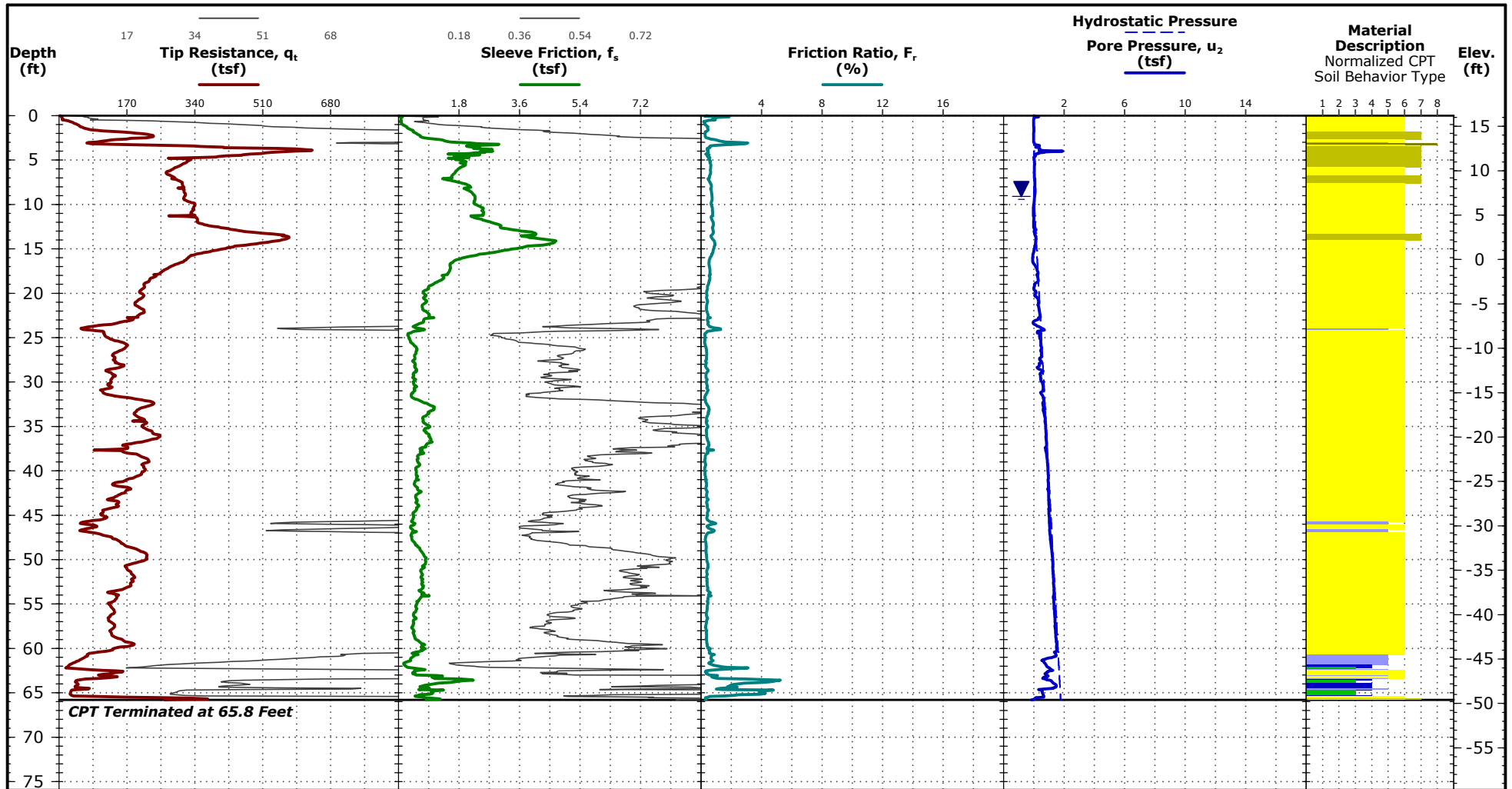
Latitude: 30.427192° Longitude: -81.548339°

Elevation: 16.2 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/19/2026

CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.- Calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

Water Level Observation

▼ 9.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-20

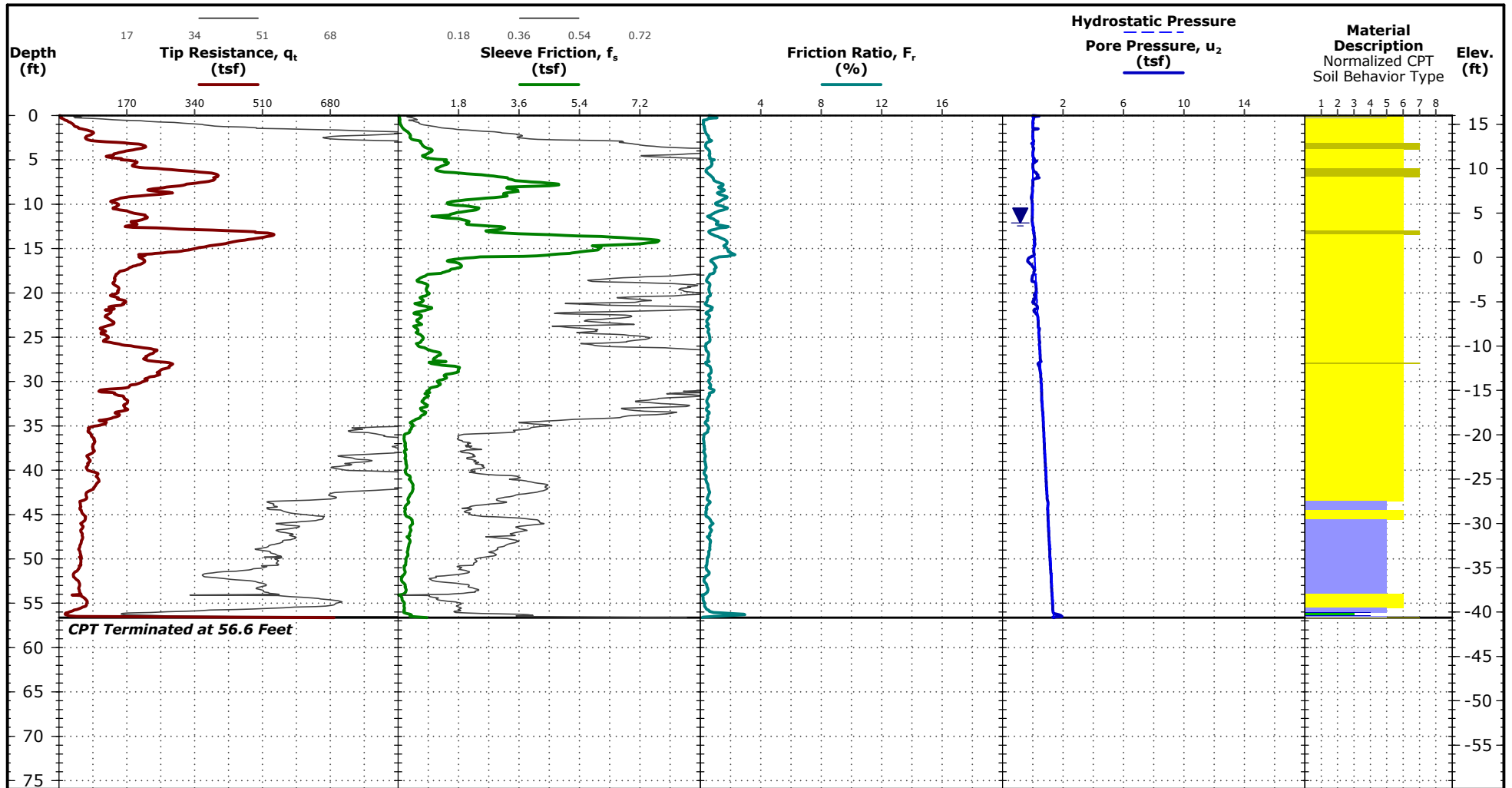
Latitude: 30.426412° Longitude: -81.548117°

Elevation: 16.0 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/20/2026

CPT Completed: 1/20/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.- Calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

Water Level Observation

▼ 12.1 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-21

Latitude: 30.428424° Longitude: -81.547266°



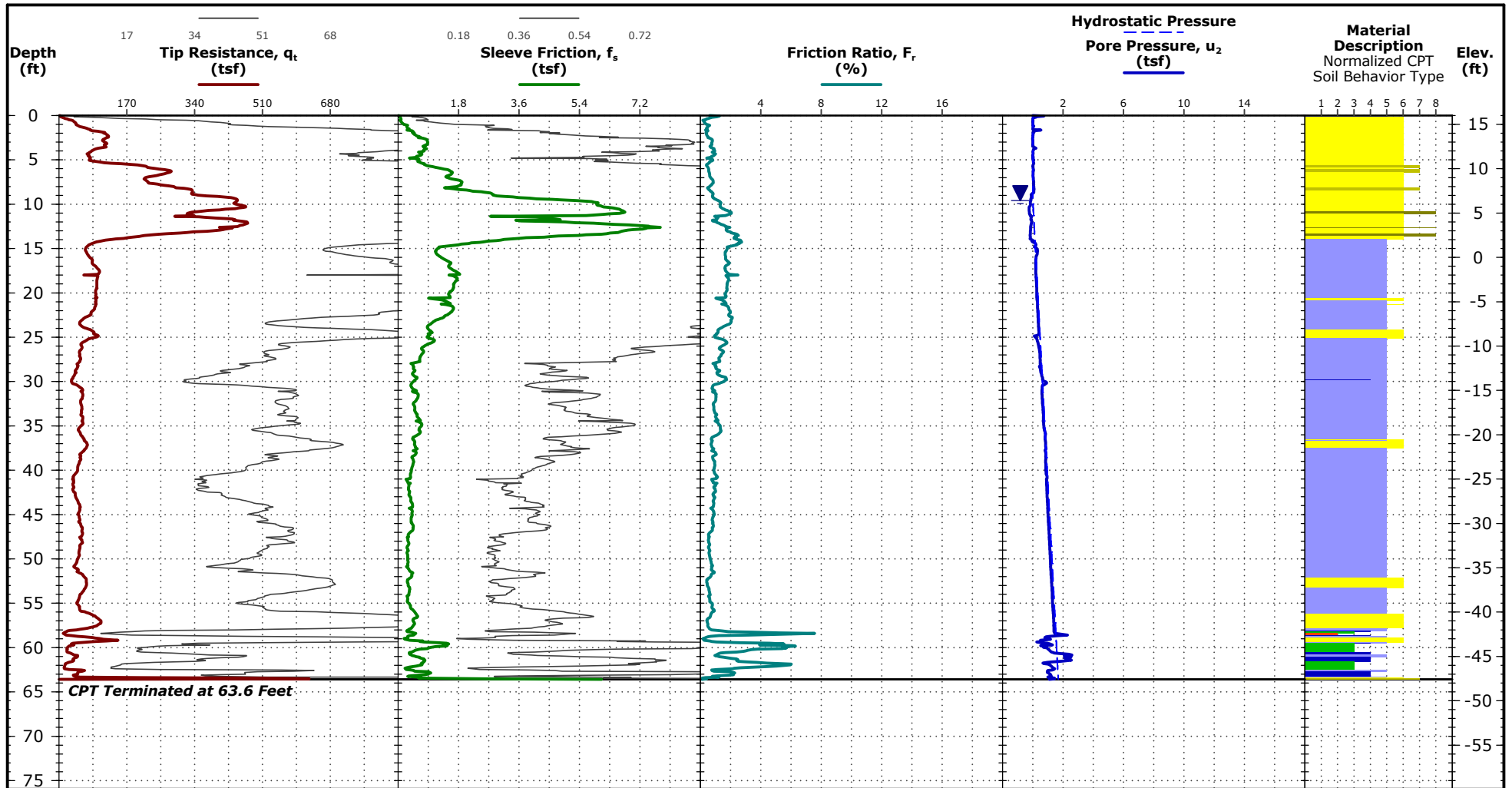
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 16.0 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/20/2026

CPT Completed: 1/20/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.- Calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

Water Level Observation

▼ 9.6 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-22

Latitude: 30.427499° Longitude: -81.547019°



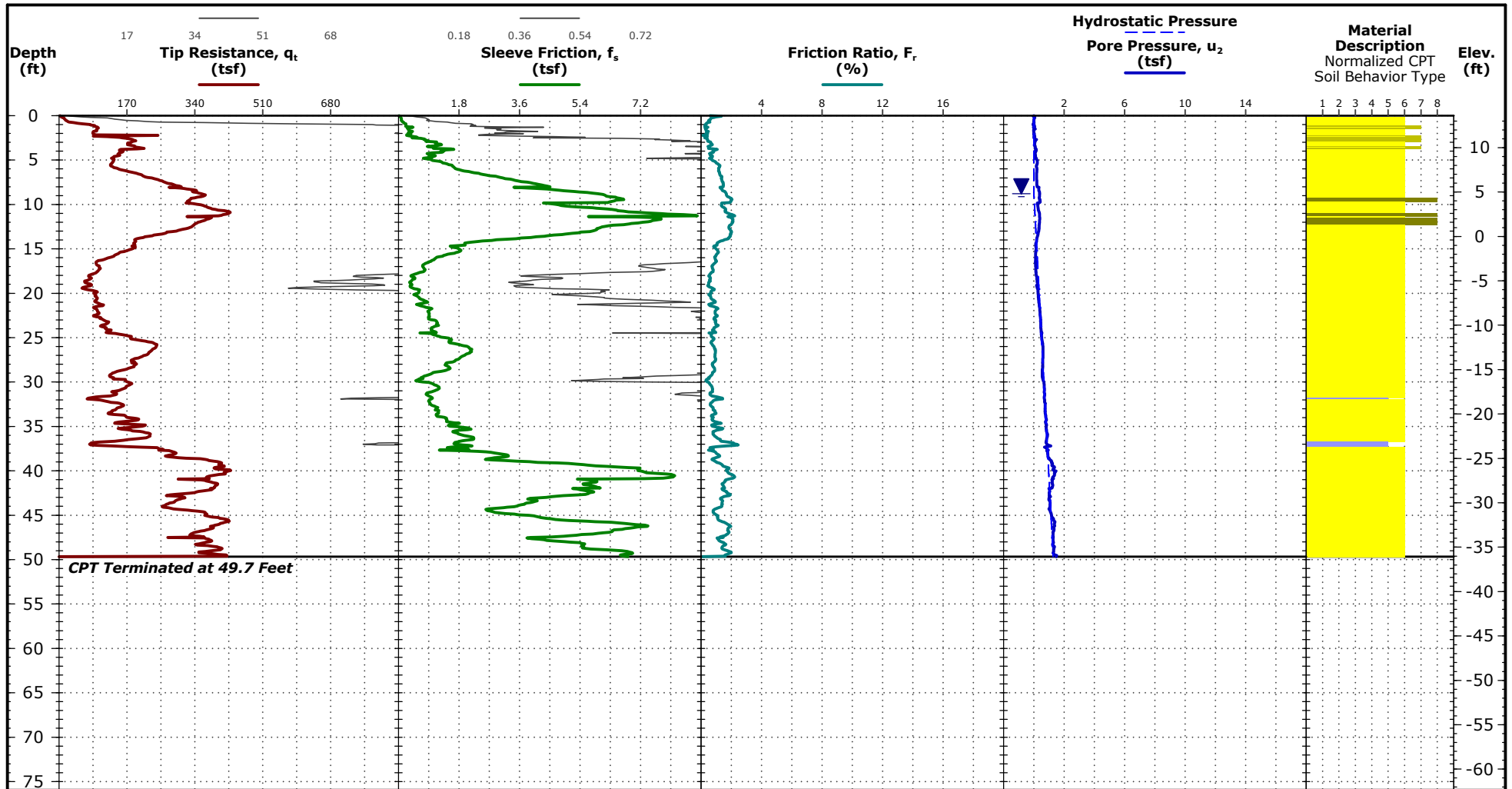
8001 Baymeadows Way Ste 1
 Jacksonville, FL

Elevation: 13.6 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/20/2026

CPT Completed: 1/20/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.- Calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

Water Level Observation

▼ 8.8 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Sounding ID 176-CPT-23



8001 Baymeadows Way Ste 1
 Jacksonville, FL

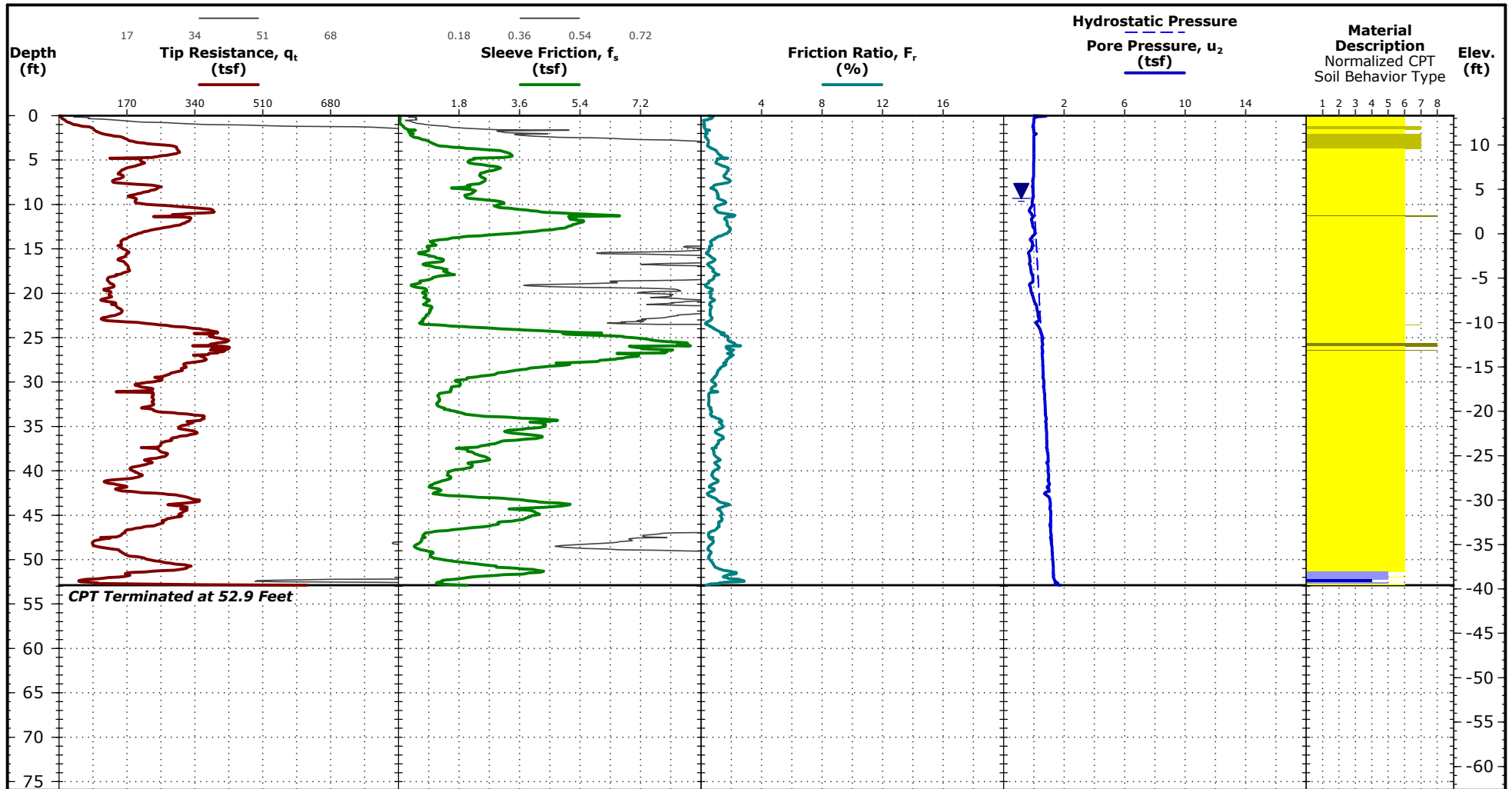
Latitude: 30.426677° Longitude: -81.546789°

Elevation: 13.3 (ft)

Elevation Reference: Elevations provided by JEA based on LiDAR.

CPT Started: 1/20/2026

CPT Completed: 1/20/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data, if any.
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Notes

Test Location: See [Exploration Plan](#)

CPT Equipment

CPT Rig: Geoprobe 6622
 Operator: A. Schearback
 CPT sensor calibration reports available upon request
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.- Calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

Water Level Observation

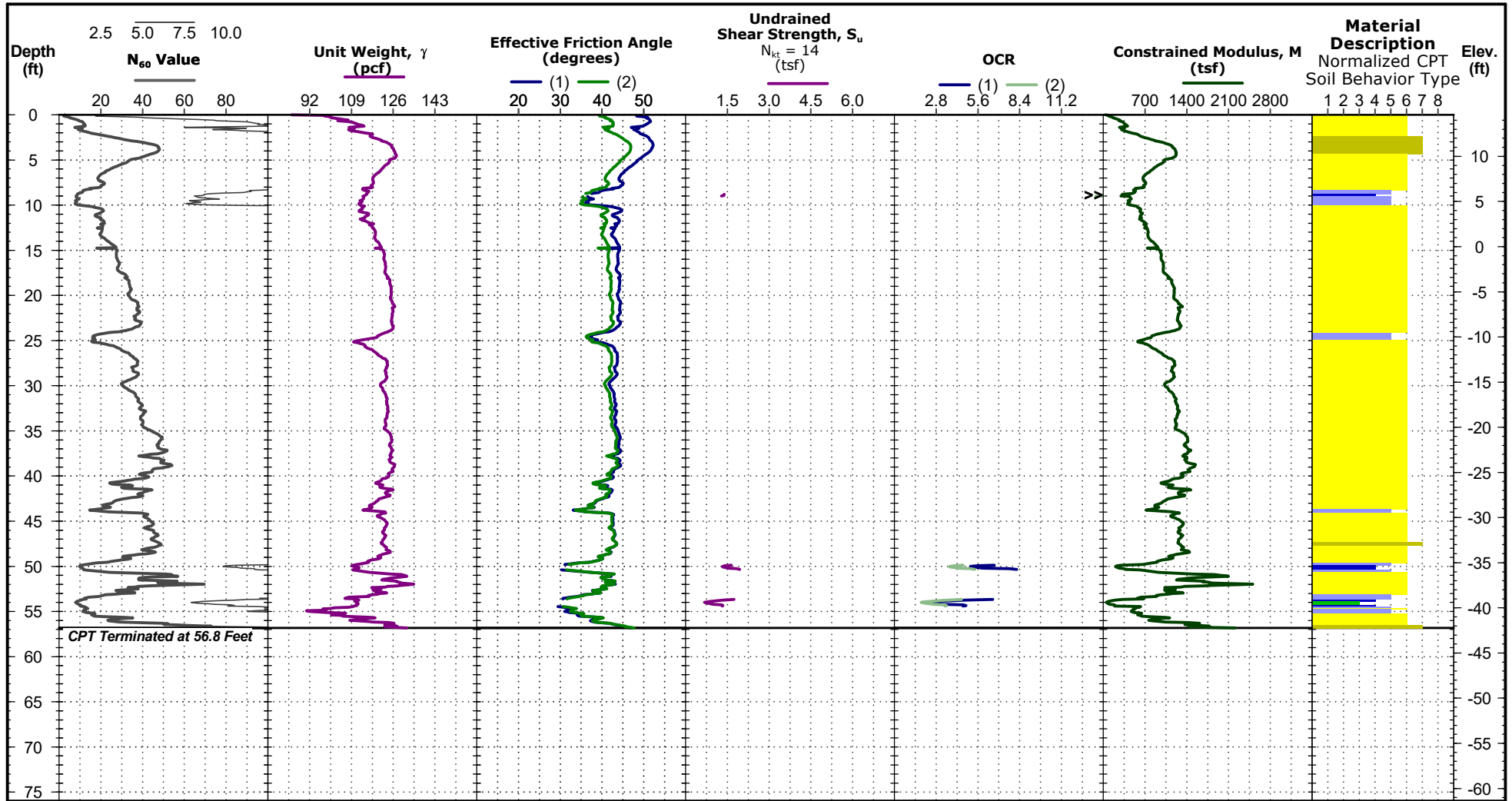
▼ 9.3 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

CPT Correlative Parameter Sounding ID 176-CPT-1

See CPT Sounding ID 176-CPT-1 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 14.6 (Ft.)

Latitude: 30.4335° Longitude: -81.5493°

Water Level Observation

▼ 5.9 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

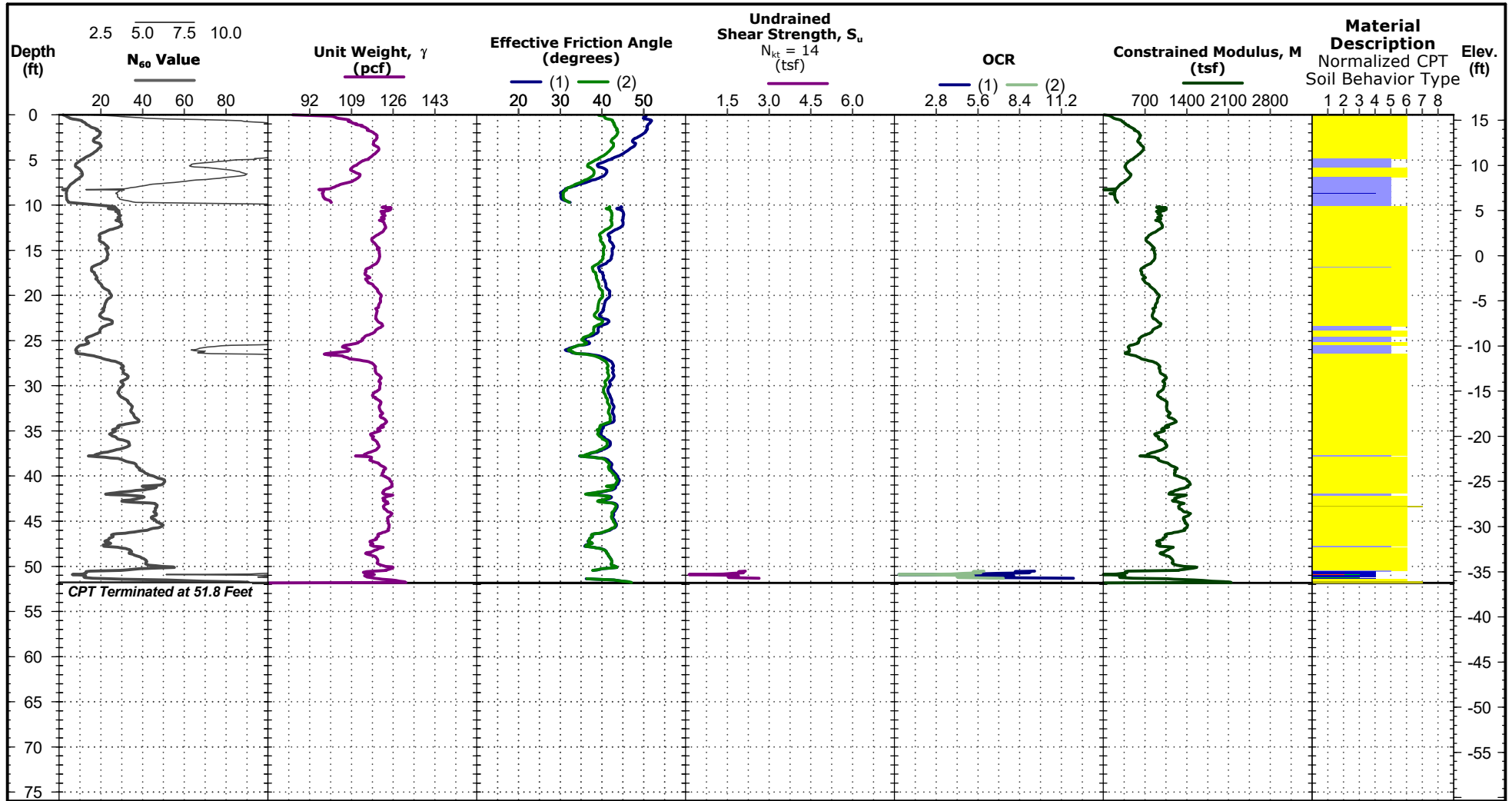
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6722
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-2

See CPT Sounding ID 176-CPT-2 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 15.6 (Ft.)

Latitude: 30.4323° Longitude: -81.5490°

Water Level Observation

▼ 7.9 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

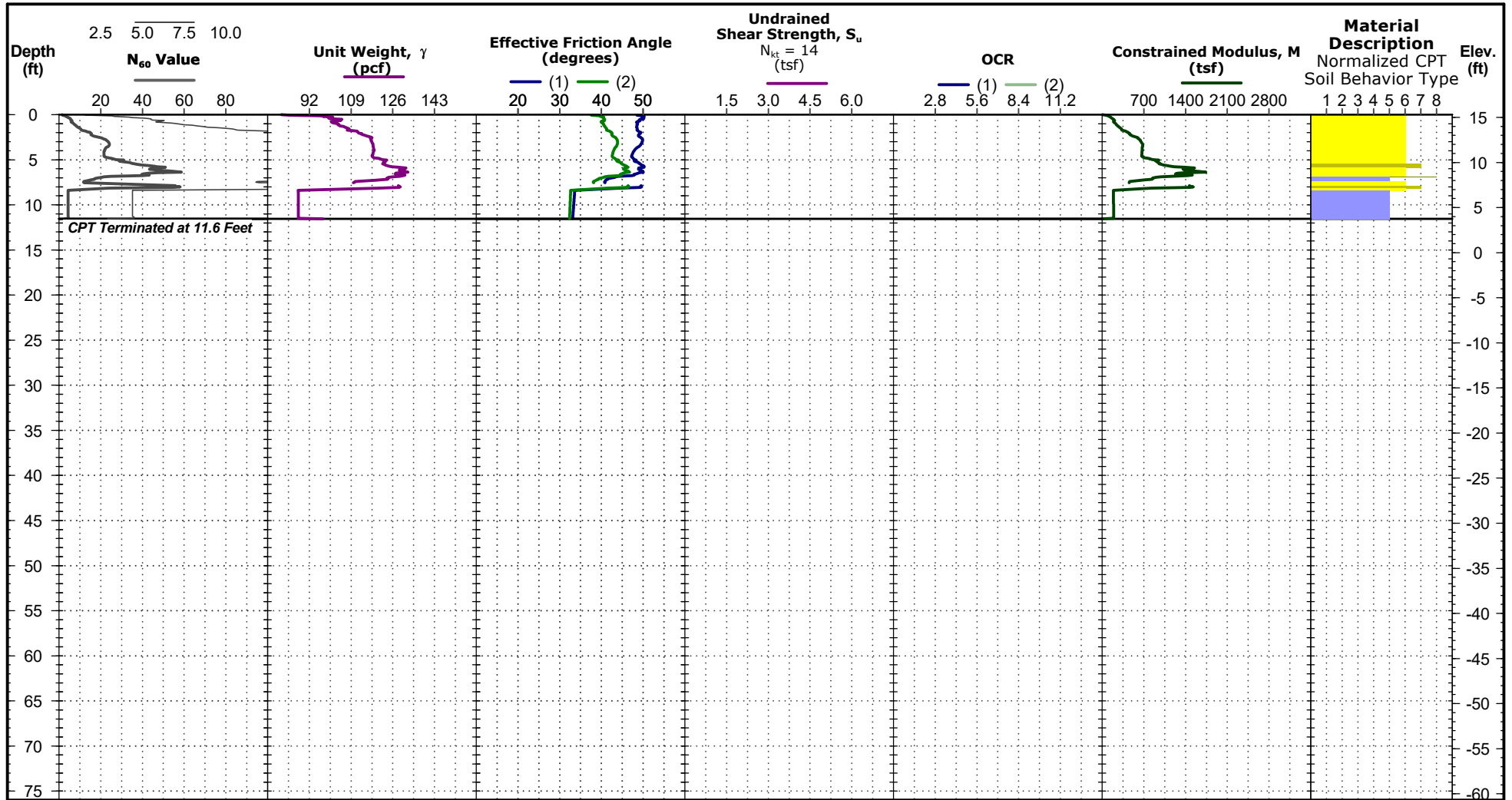
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-3

See CPT Sounding ID 176-CPT-3 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 15.3 (Ft.)

Latitude: 30.4313° Longitude: -81.5487°

Water Level Observation

▼ 7.7 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

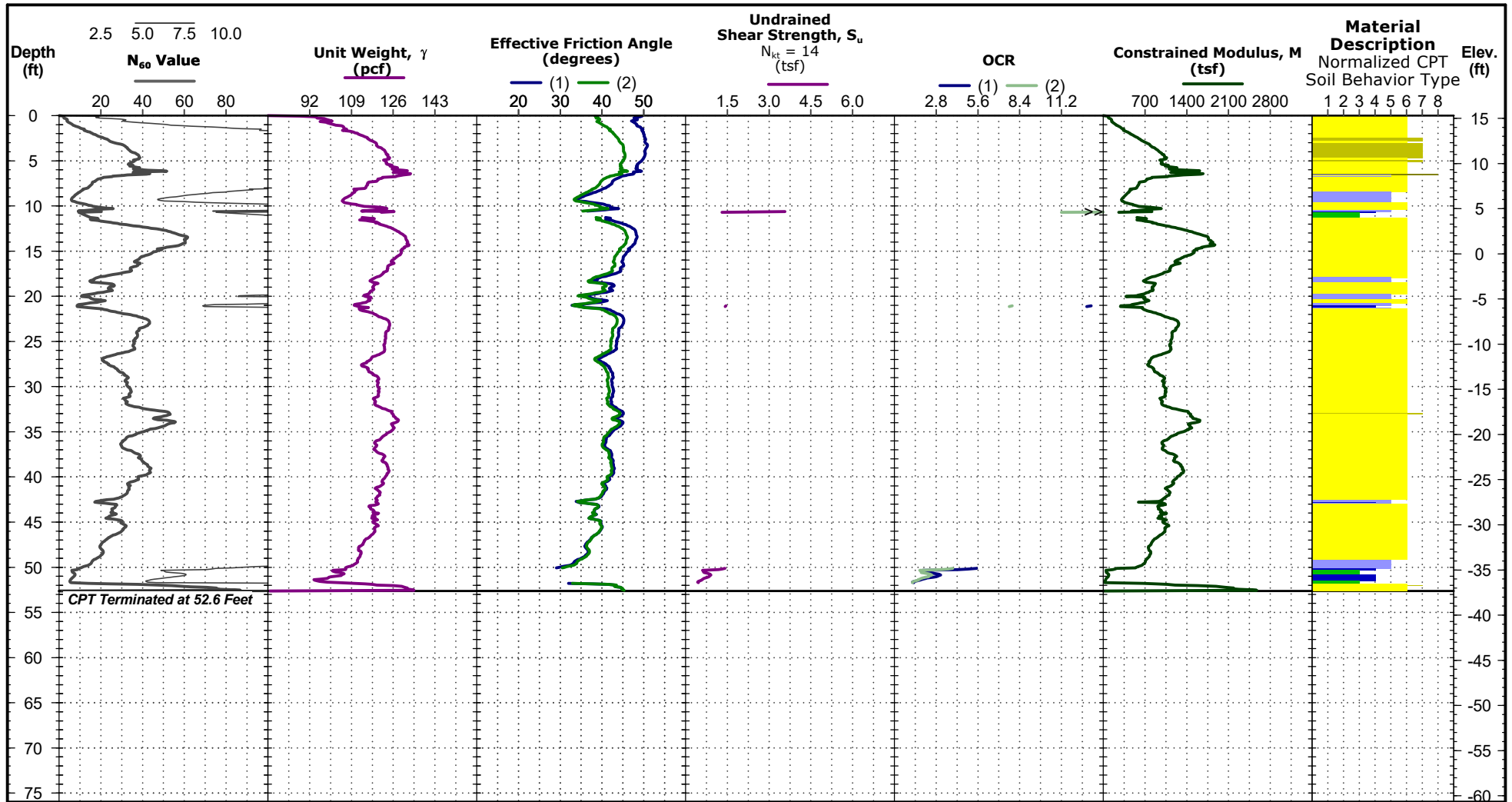
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6722
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-3A

See CPT Sounding ID 176-CPT-3A for Detailed Test Results

CPT Started: 1/12/2026
 CPT Completed: 1/12/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 15.3 (Ft.)

Latitude: 30.4313° Longitude: -81.5487°

Water Level Observation

▼ 7.9 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

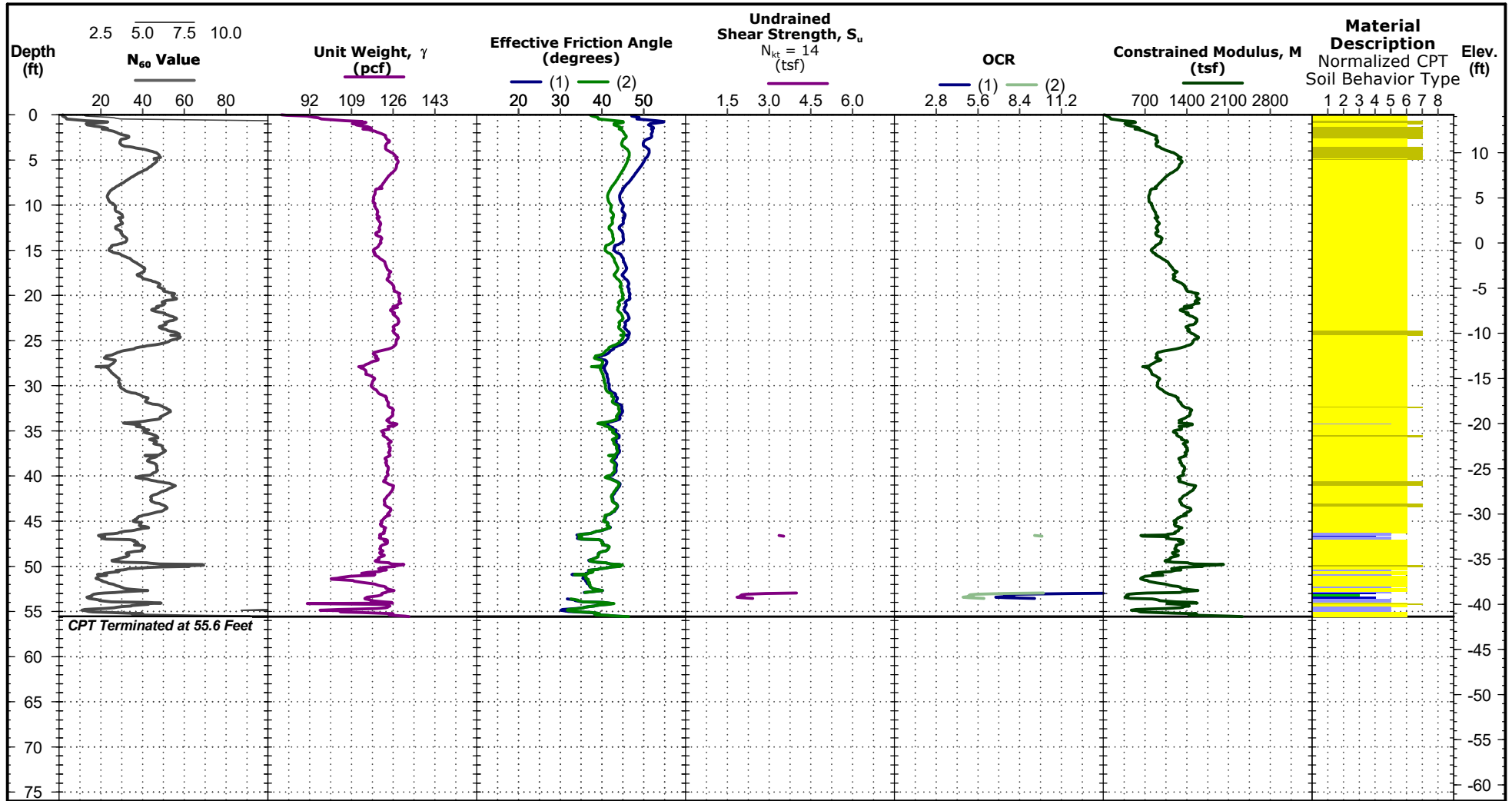
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722

Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-4

See CPT Sounding ID 176-CPT-4 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 14.2 (Ft.)

Latitude: 30.4285° Longitude: -81.5528°

Water Level Observation

▼ 7.8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

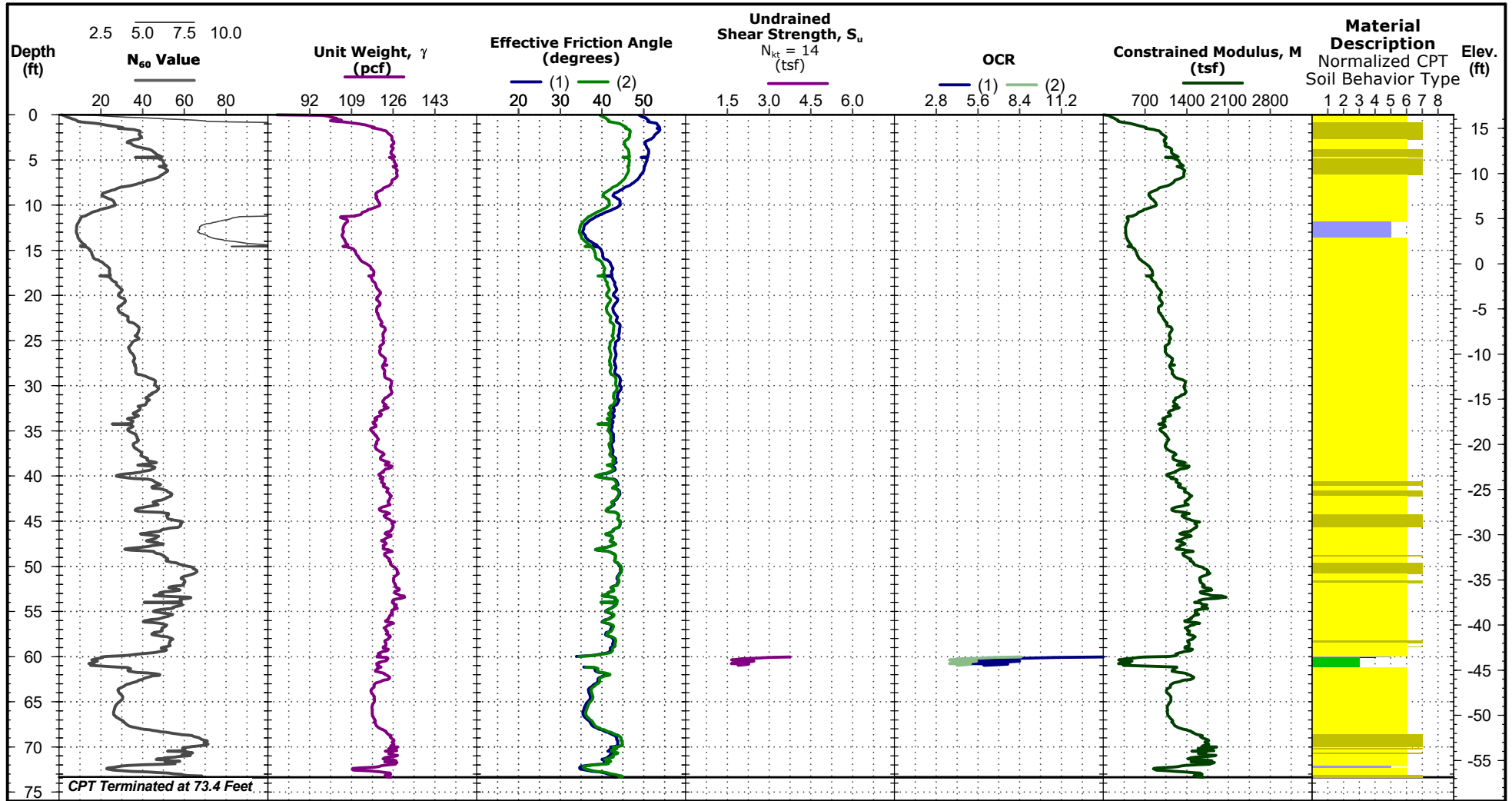
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722

Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-5

See CPT Sounding ID 176-CPT-5 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 16.5 (Ft.)

Latitude: 30.4290° Longitude: -81.5505°

Water Level Observation

▼ 8.9 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

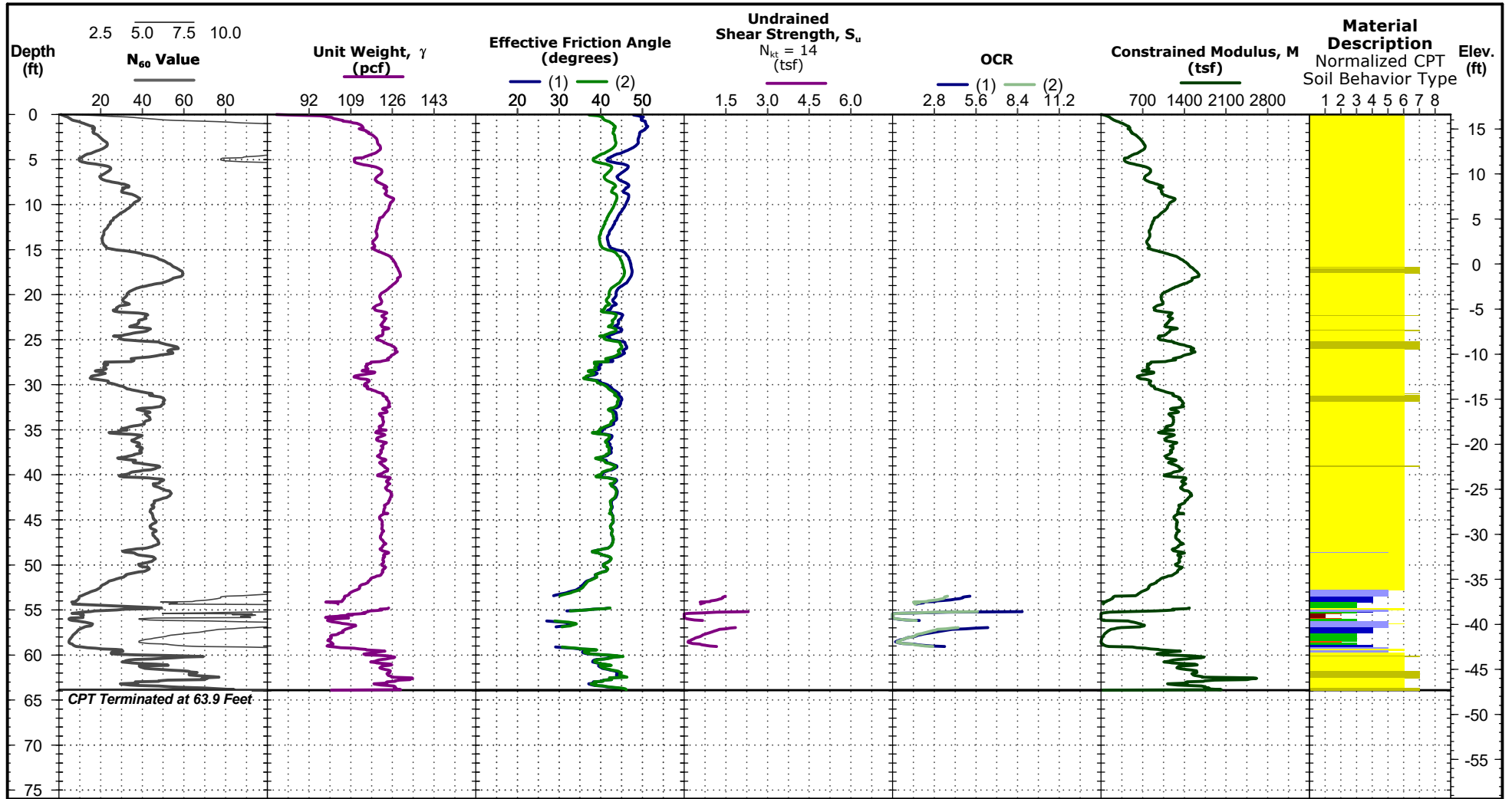
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-6

See CPT Sounding ID 176-CPT-6 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 16.6 (Ft.)

Latitude: 30.4305° Longitude: -81.5485°

Water Level Observation

▼ 8.6 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

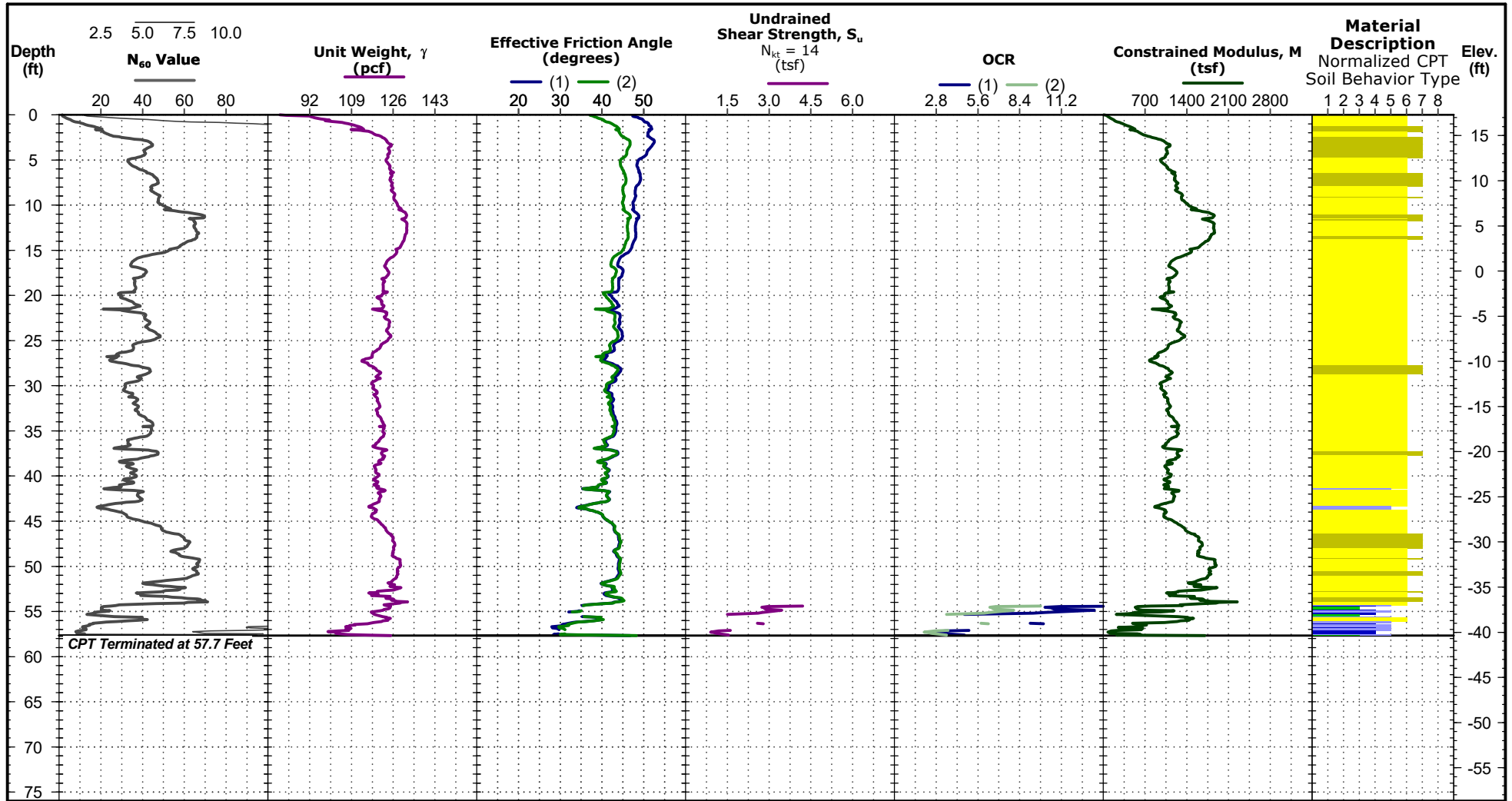
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-7

See CPT Sounding ID 176-CPT-7 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 17.3 (Ft.)
 Latitude: 30.4293° Longitude: -81.5481°

Water Level Observation

▼ 10.8 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type
 (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

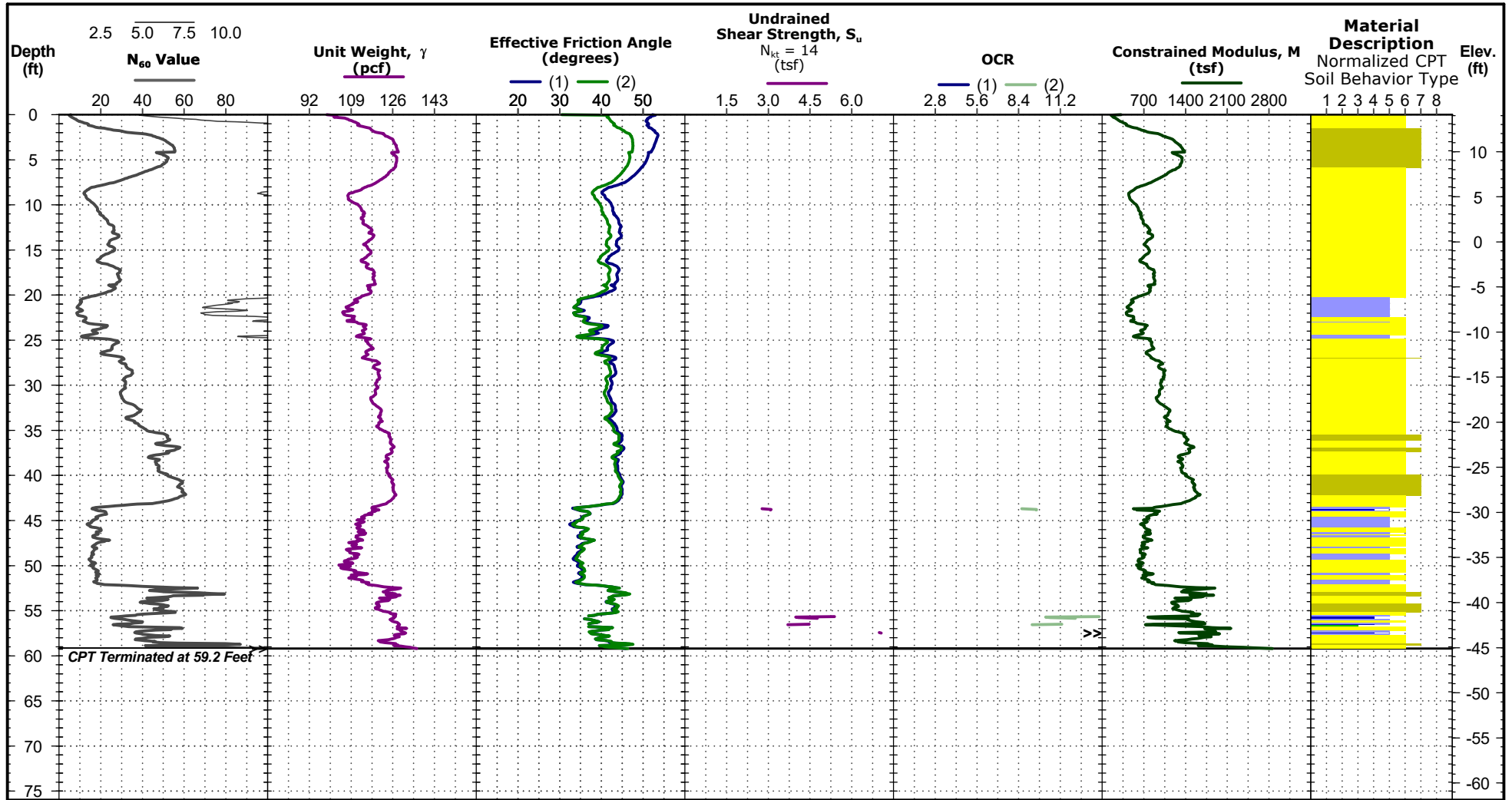
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-8

See CPT Sounding ID 176-CPT-8 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 14.1 (Ft.)

Latitude: 30.4274° Longitude: -81.5525°

Water Level Observation

▼ 8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

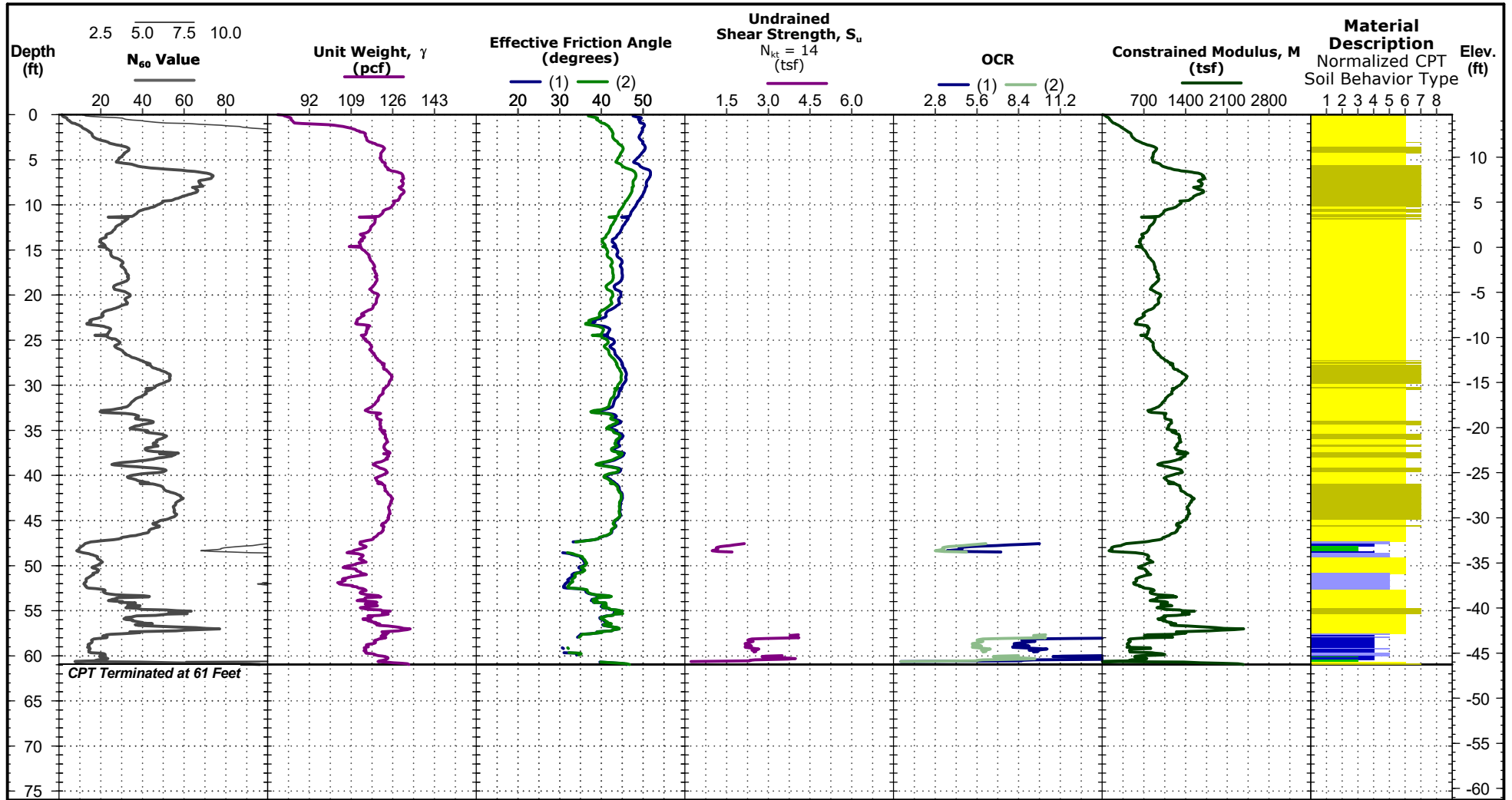
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-9

See CPT Sounding ID 176-CPT-9 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 14.7 (Ft.)

Latitude: 30.4278° Longitude: -81.5502°

Water Level Observation

▼ 7.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

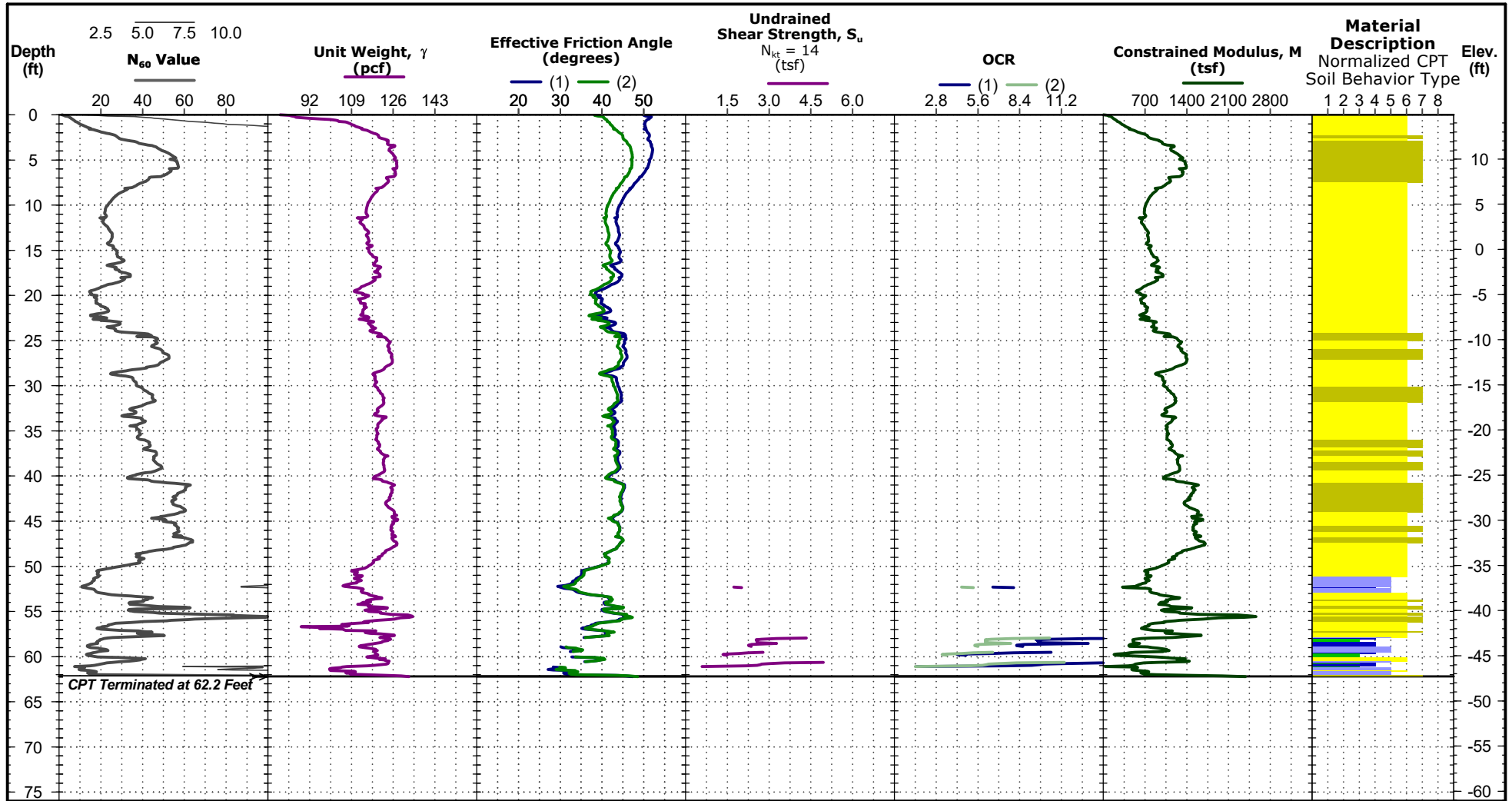
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-10

See CPT Sounding ID 176-CPT-10 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 14.9 (Ft.)
 Latitude: 30.4266° Longitude: -81.5525°

Water Level Observation

▼ 8.4 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

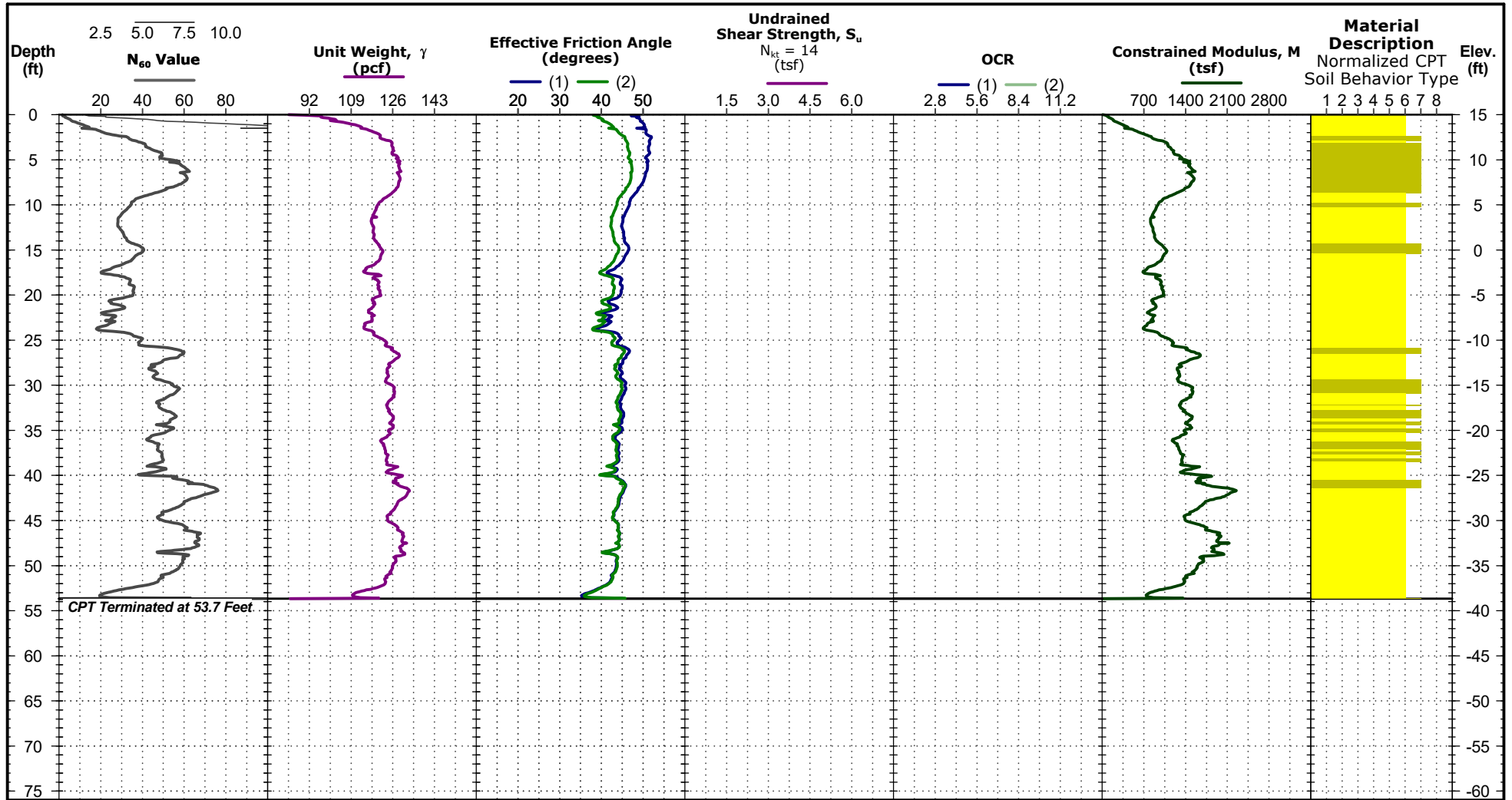
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6722
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-11

See CPT Sounding ID 176-CPT-11 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 15.0 (Ft.)

Latitude: 30.4260° Longitude: -81.5522°

Water Level Observation

▼ 7.7 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

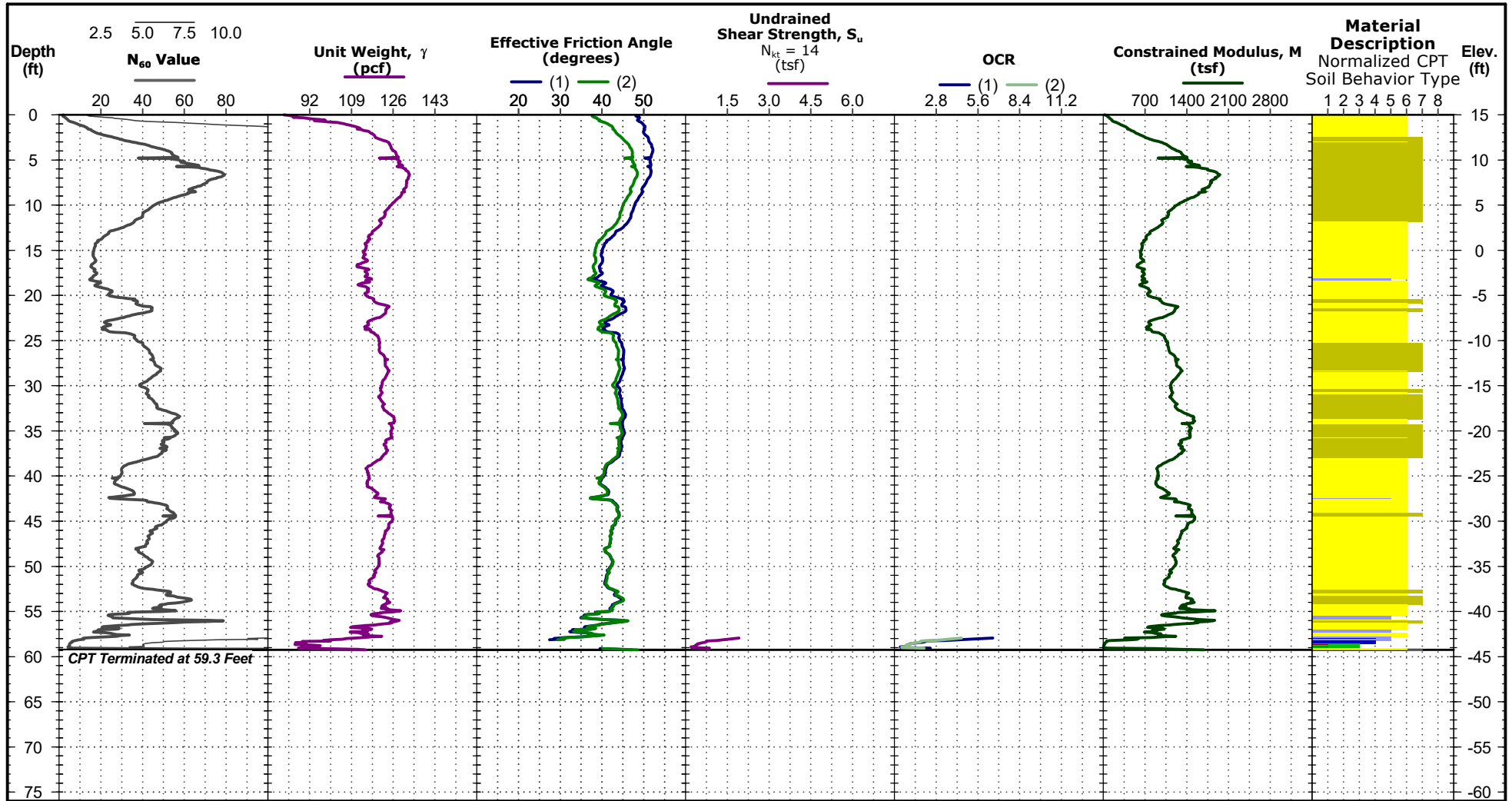
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-12

See CPT Sounding ID 176-CPT-12 for Detailed Test Results

CPT Started: 1/14/2026
 CPT Completed: 1/14/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 15.0 (Ft.)
 Latitude: 30.4254° Longitude: -81.5520°

Water Level Observation

▼ 8.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

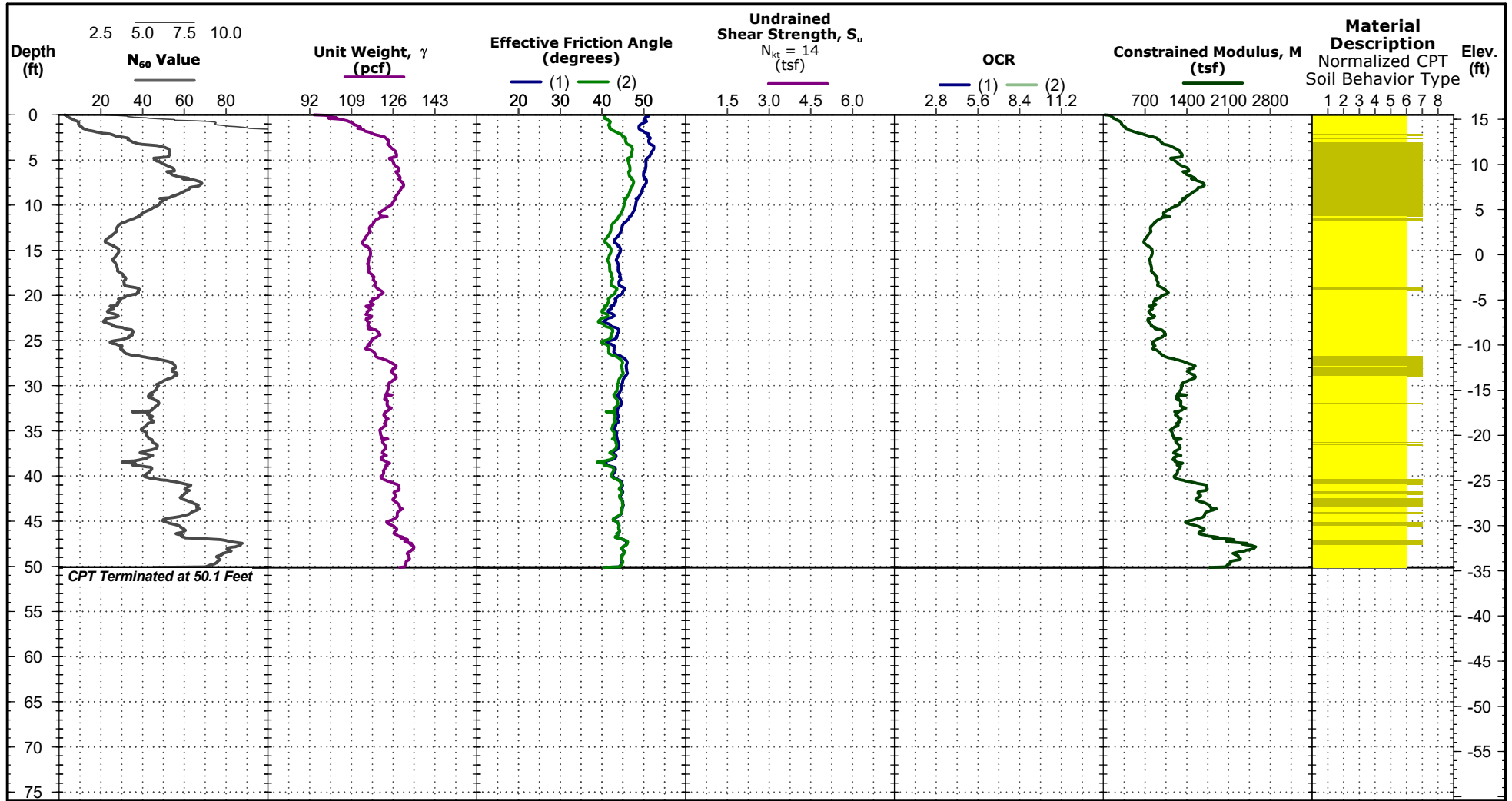
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6722
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-13

See CPT Sounding ID 176-CPT-13 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 15.5 (Ft.)

Latitude: 30.4262° Longitude: -81.5517°

Water Level Observation

▼ 8.2 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

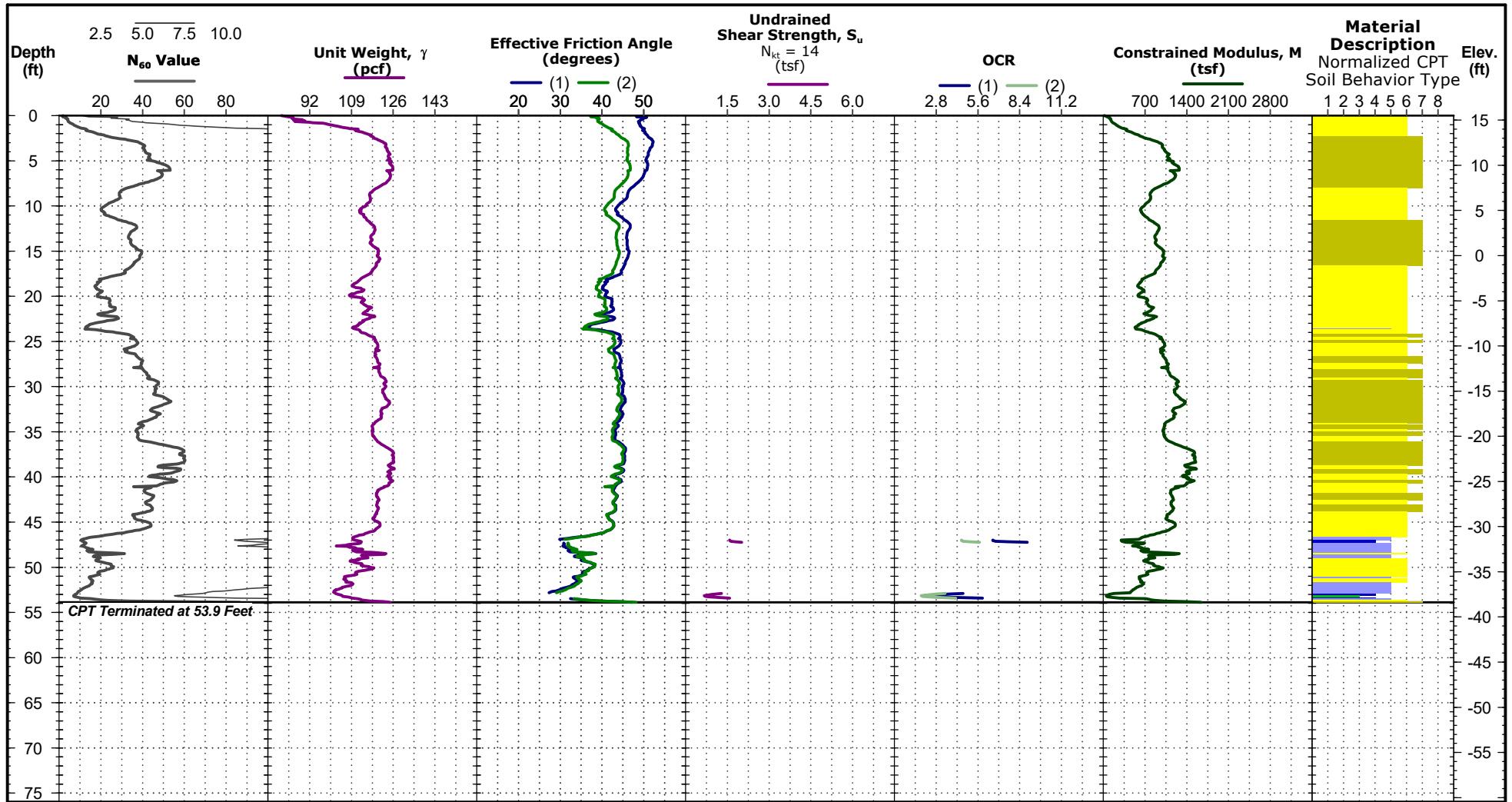
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-14

See CPT Sounding ID 176-CPT-14 for Detailed Test Results

CPT Started: 1/15/2026
 CPT Completed: 1/15/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 15.5 (Ft.)
 Latitude: 30.4268° Longitude: -81.5509°

Water Level Observation

▼ 9.2 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

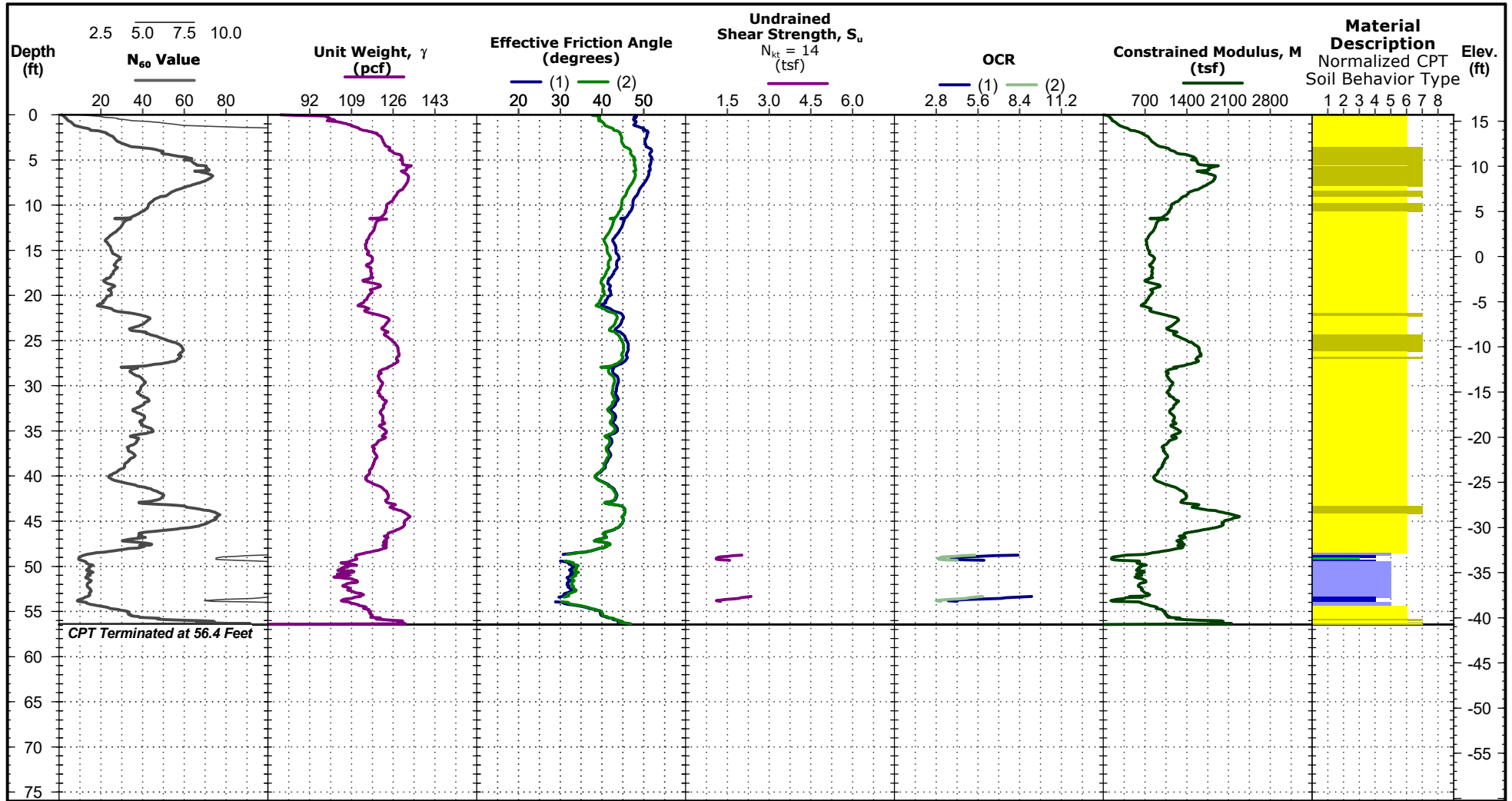
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6722
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-15

See CPT Sounding ID 176-CPT-15 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 15.7 (Ft.)
 Latitude: 30.4259° Longitude: -81.5507°

Water Level Observation

▼ 8.9 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

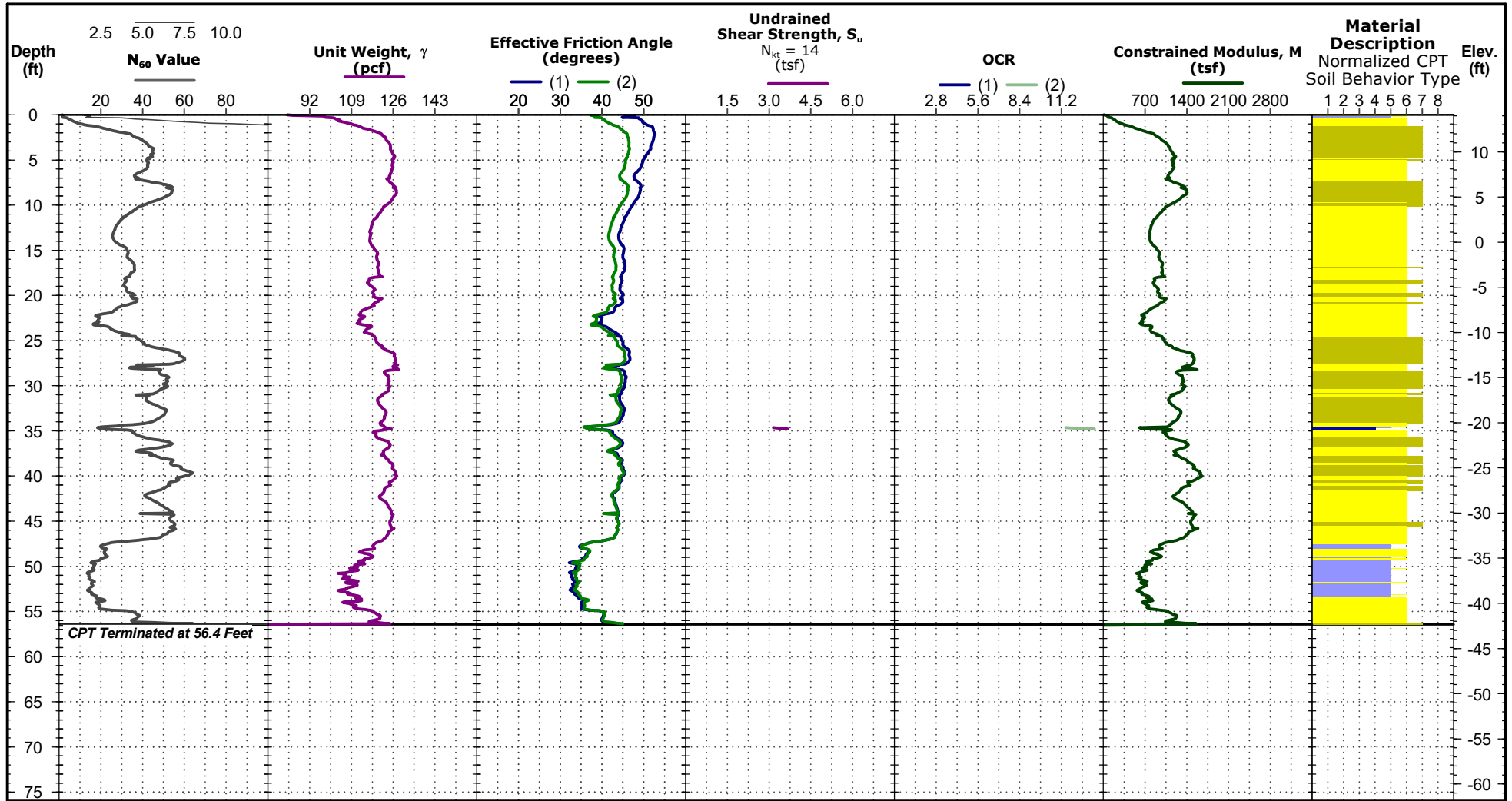
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6622
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-16

See CPT Sounding ID 176-CPT-16 for Detailed Test Results

CPT Started: 1/19/2026
 CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 14.1 (Ft.)
 Latitude: 30.4271° Longitude: -81.5496°

Water Level Observation

▼ 8 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

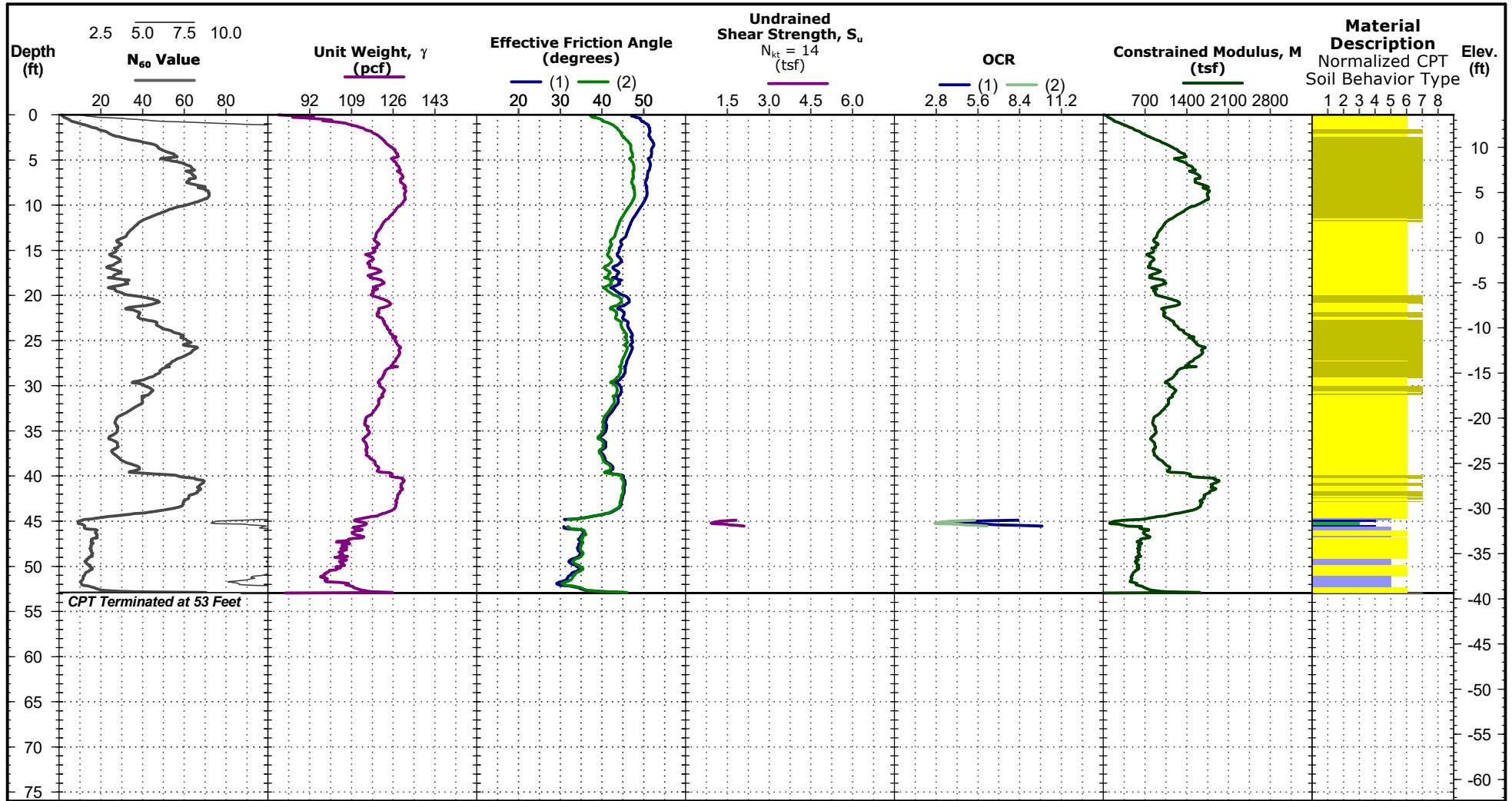
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6622
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-17

See CPT Sounding ID 176-CPT-17 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 13.6 (Ft.)

Latitude: 30.4262° Longitude: -81.5494°

Water Level Observation

▼ 6.3 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

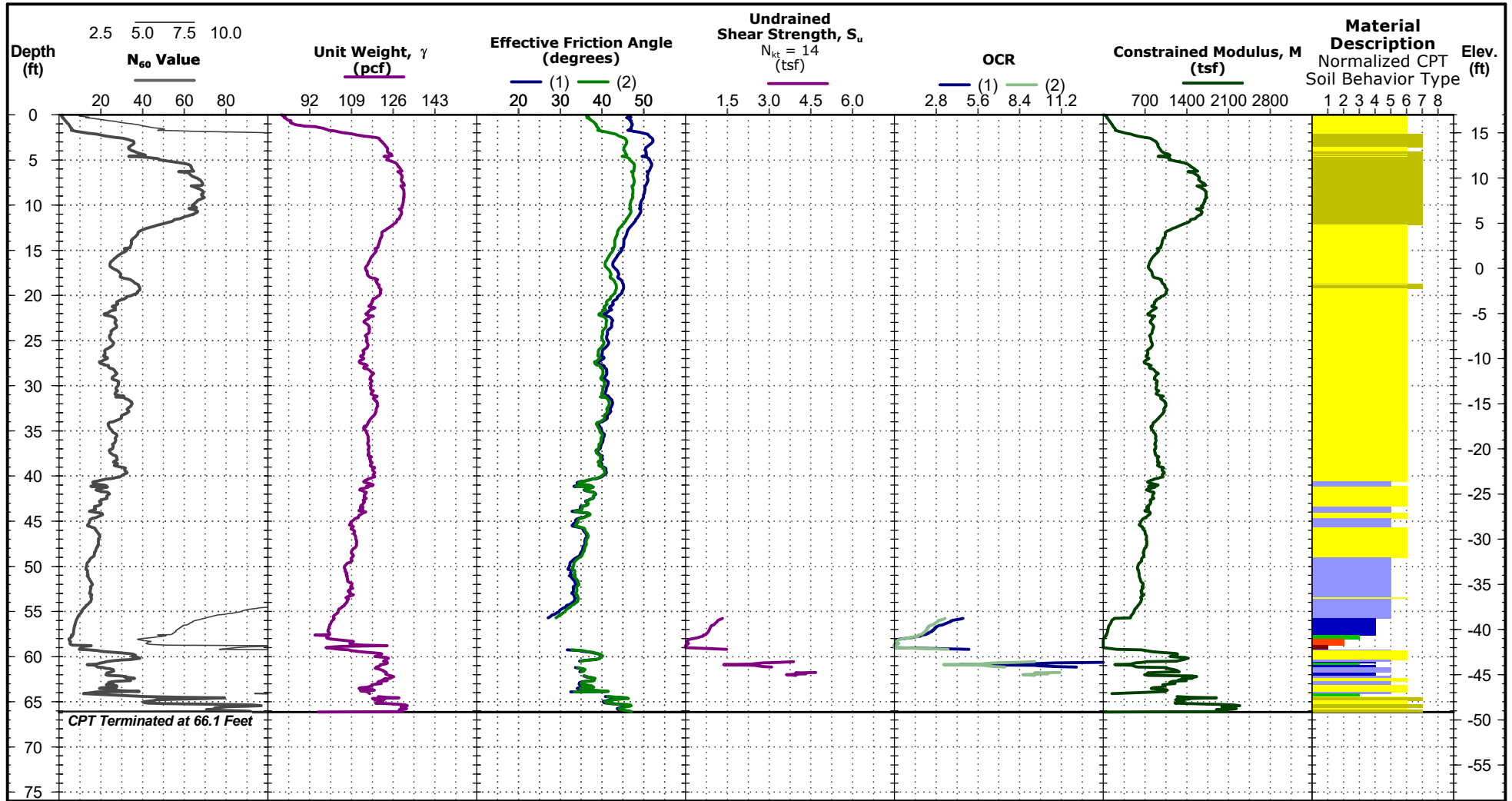
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6622
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-18

See CPT Sounding ID 176-CPT-18 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 17.0 (Ft.)

Latitude: 30.4282° Longitude: -81.5486°

Water Level Observation

▼ 9.7 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

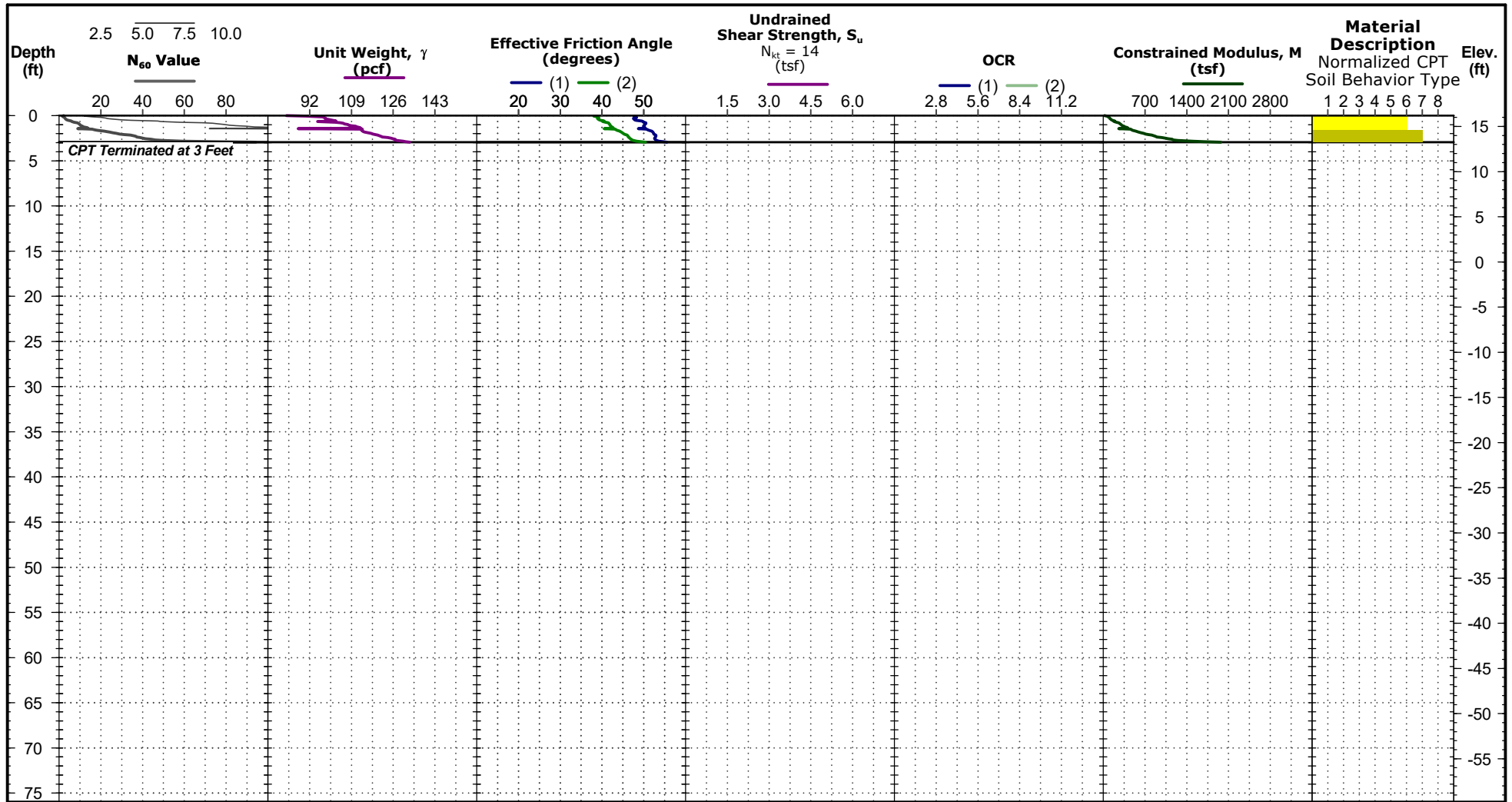
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig: Geoprobe 6622
Operator: A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-19

See CPT Sounding ID 176-CPT-19 for Detailed Test Results

CPT Started: 1/19/2026
 CPT Completed: 1/19/2026



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 16.2 (Ft.)

Latitude: 30.4272° Longitude: -81.5483°

Water Level Observation

▼ 2.8 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

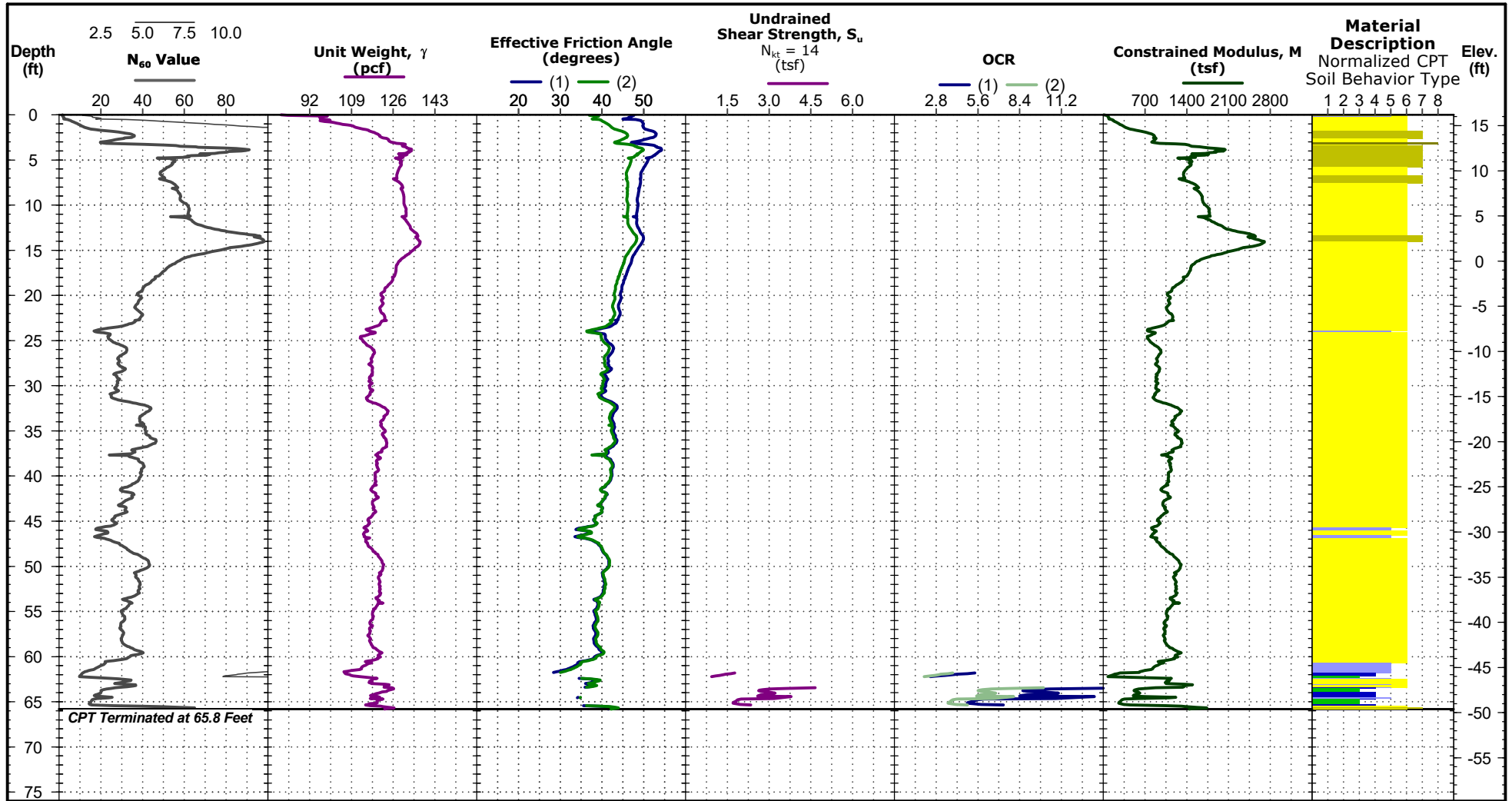
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:

Geoprobe 6622
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-19A

See CPT Sounding ID 176-CPT-19A for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 16.2 (Ft.)

Latitude: 30.4272° Longitude: -81.5483°

Water Level Observation

▼ 9.1 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

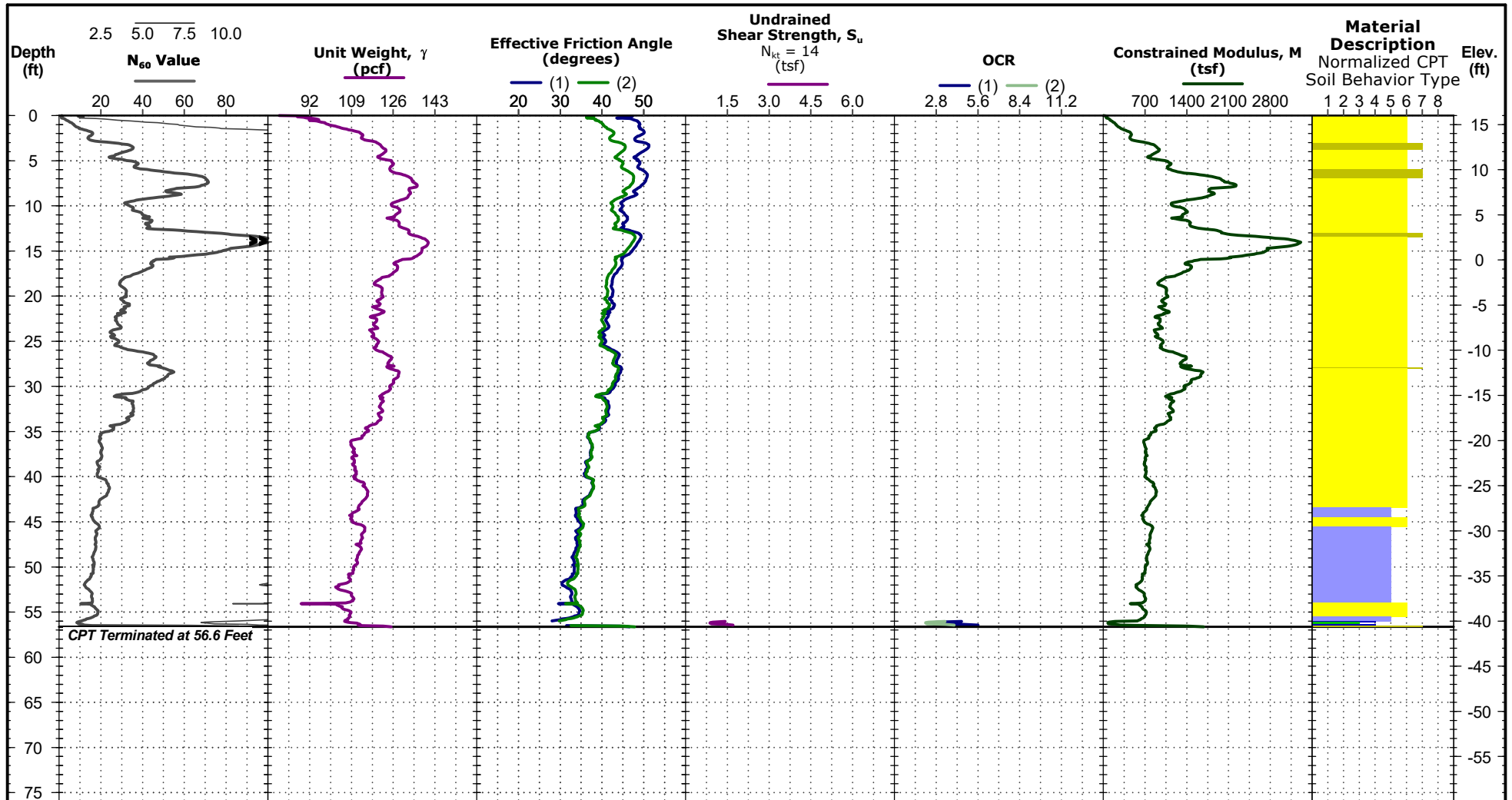
CPT sensor calibration reports available upon request.
 Probe No. 8122 with net area ratio of .857
 Manufactured by Geotech A.B.; calibrated 7/3/2025
 Tip and sleeve areas of 15 cm² and 225 cm²

CPT Rig:
 Geoprobe 6622

Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-20

See CPT Sounding ID 176-CPT-20 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 16.0 (Ft.)
 Latitude: 30.4264° Longitude: -81.5481°

Water Level Observation

▼ 12.1 ft measured water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

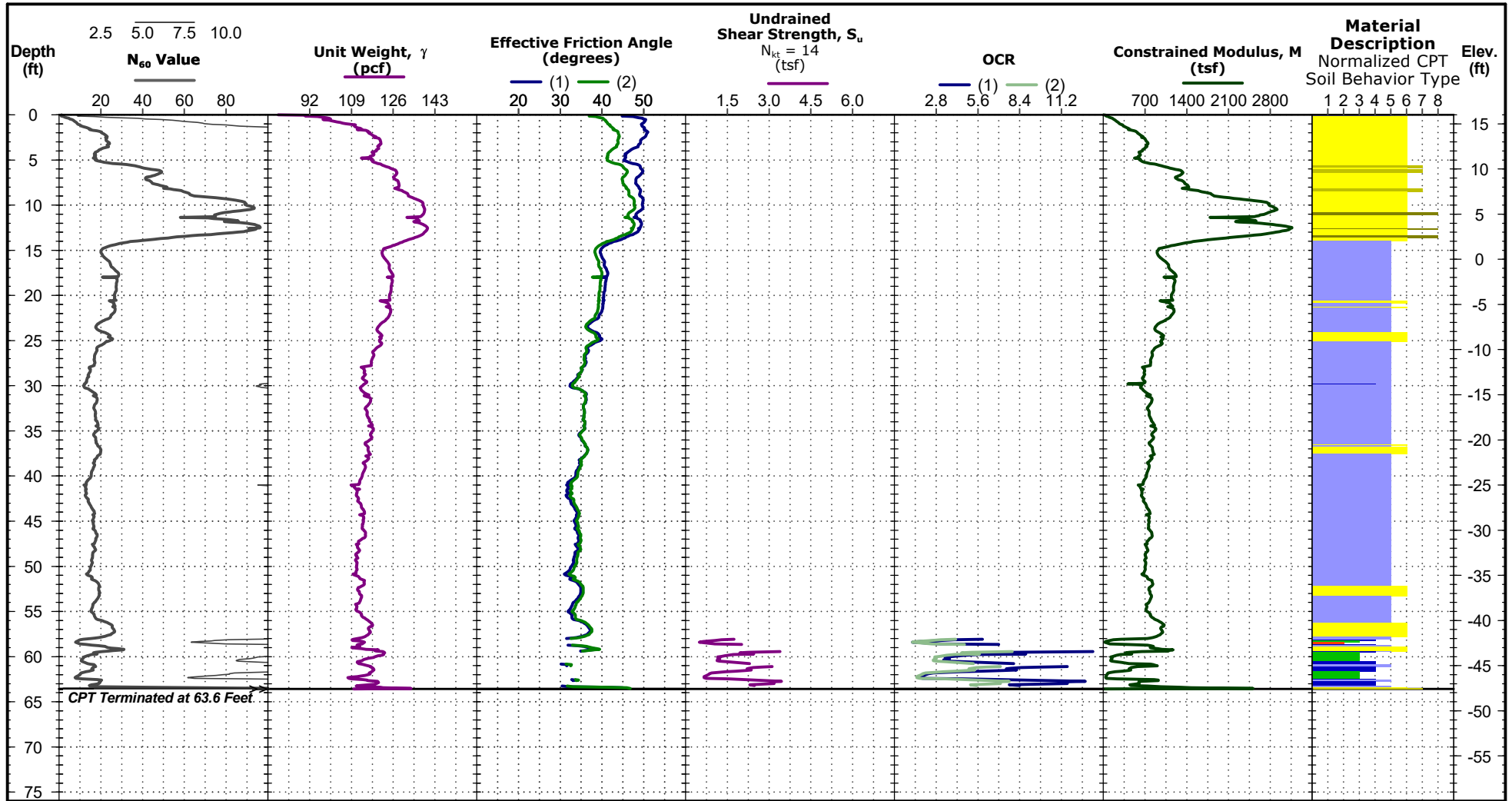
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.; calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

CPT Rig:
 Geoprobe 6622
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-21

See CPT Sounding ID 176-CPT-21 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 16.0 (Ft.)
 Latitude: 30.4284° Longitude: -81.5473°

Water Level Observation

▼ 9.6 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type
 (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

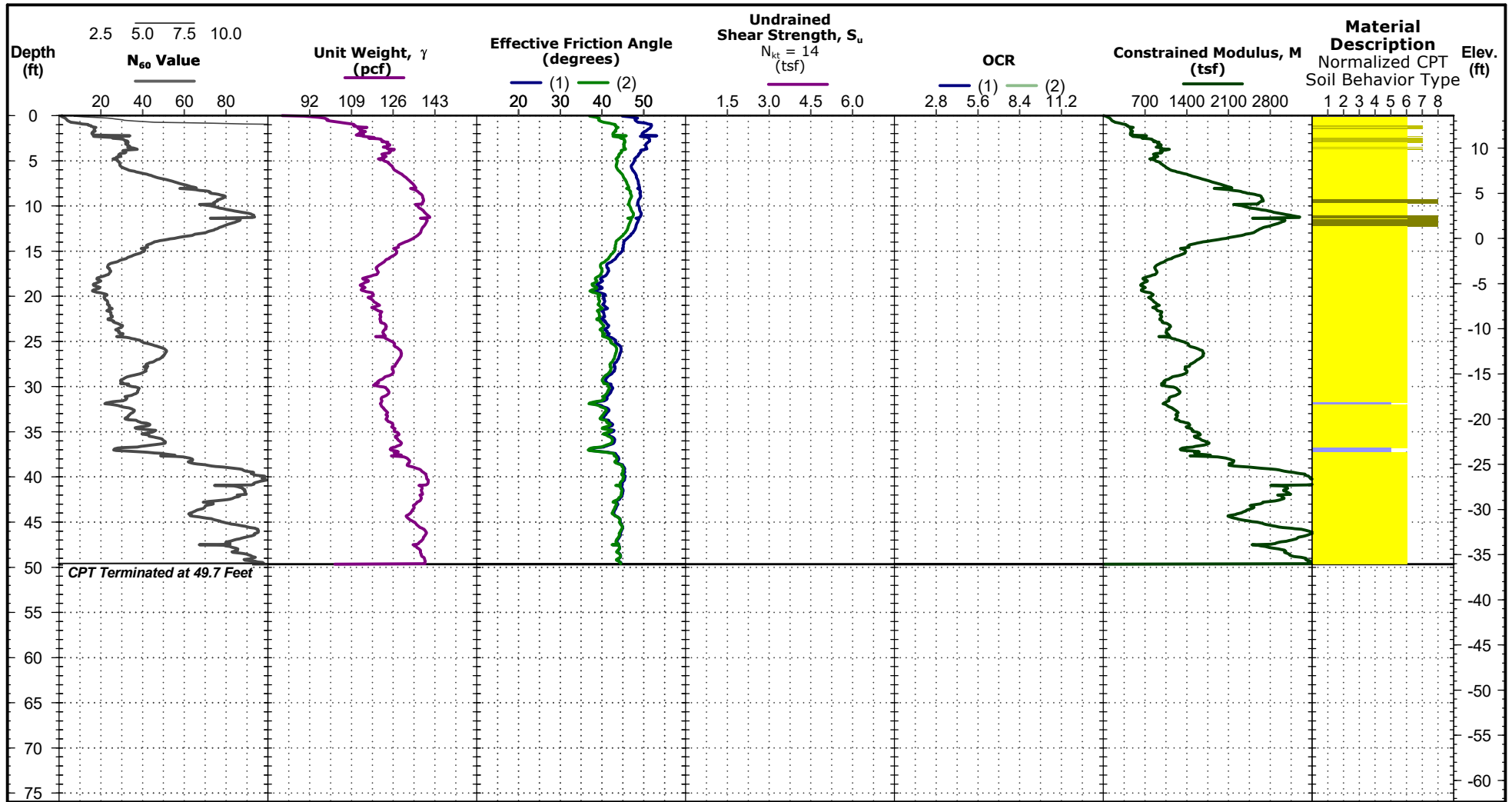
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.; calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

CPT Rig:
 Geoprobe 6622
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-22

See CPT Sounding ID 176-CPT-22 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)
 Elevation: 13.6 (Ft.)
 Latitude: 30.4275° Longitude: -81.5470°

Water Level Observation

8.8 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

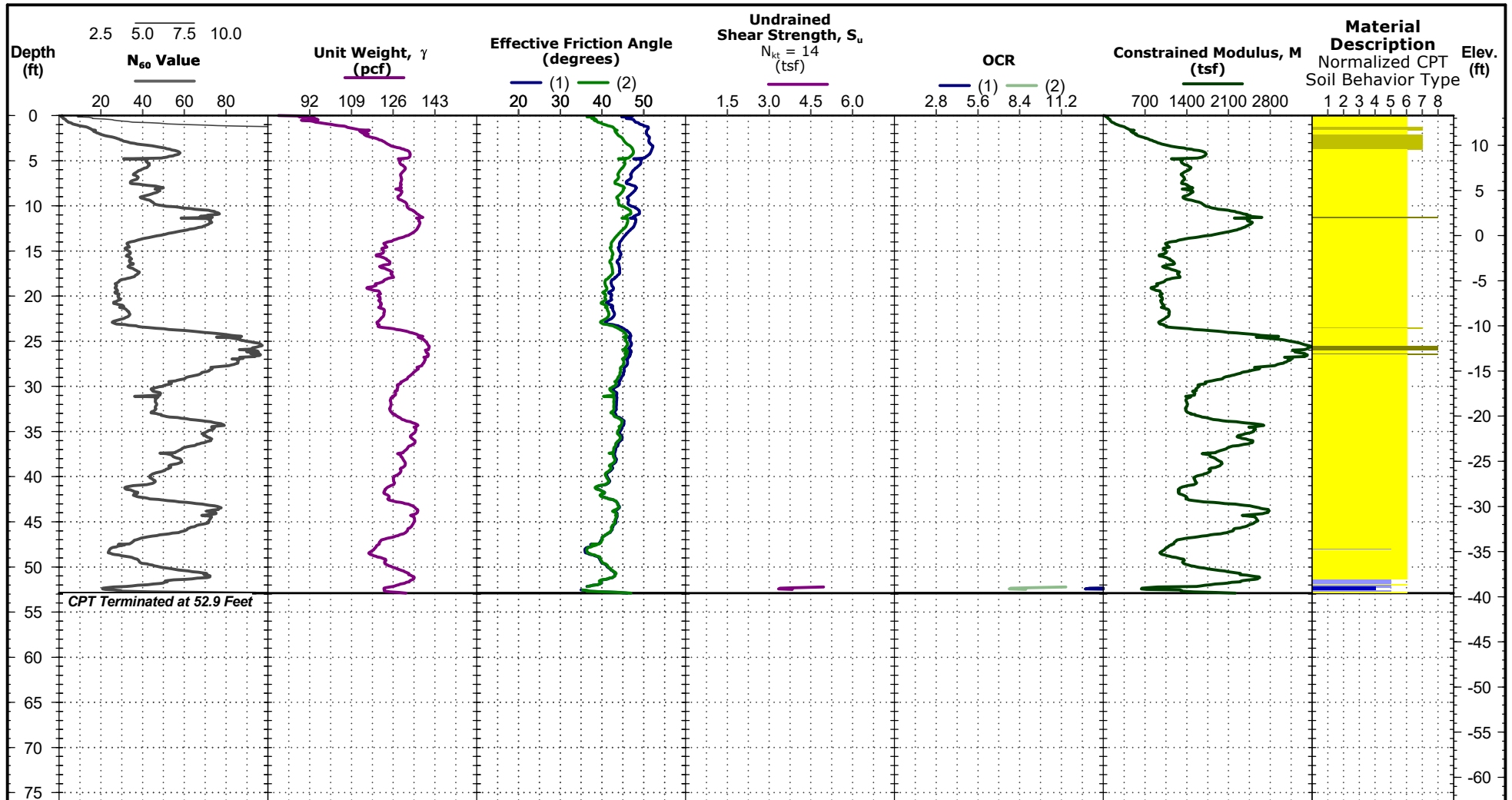
Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.; calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

CPT Rig:
 Geoprobe 6622
Operator:
 A. Schearback

CPT Correlative Parameter Sounding ID 176-CPT-23

See CPT Sounding ID 176-CPT-23 for Detailed Test Results



See [Exploration and Testing Procedures](#) for a description of field and laboratory procedures used and additional data (If any).
 See [Supporting Information](#) for explanation of symbols and abbreviations.

Test Location: See [Exploration Plan](#)

Elevation: 13.3 (Ft.)

Latitude: 30.4267° Longitude: -81.5468°

Water Level Observation

▼ 9.3 ft estimated water depth
 (used in normalizations and correlations)

Normalized Soil Behavior Type (Robertson 1990)

- 1 Sensitive, fine grained
- 2 Organic soils - clay
- 3 Clay - silty clay to clay
- 4 Silt mixtures - clayey silt to silty clay
- 5 Sand mixtures - silty sand to sandy silt
- 6 Sands - clean sand to silty sand
- 7 Gravelly sand to dense sand
- 8 Very stiff sand to clayey sand
- 9 Very stiff fine grained

Notes

Elevation Reference: Elevations provided by JEA based on LIDAR.

Penetrometer Parameters

CPT sensor calibration reports available upon request.
 Probe No. 5712 with net area ratio of .85
 U₂ pore pressure transducer location
 Manufactured by Geotech A.B.; calibrated 6/6/2025
 Tip and sleeve areas of 10 cm² and 150 cm²
 Ring friction reducer with O.D. of 2.0 in

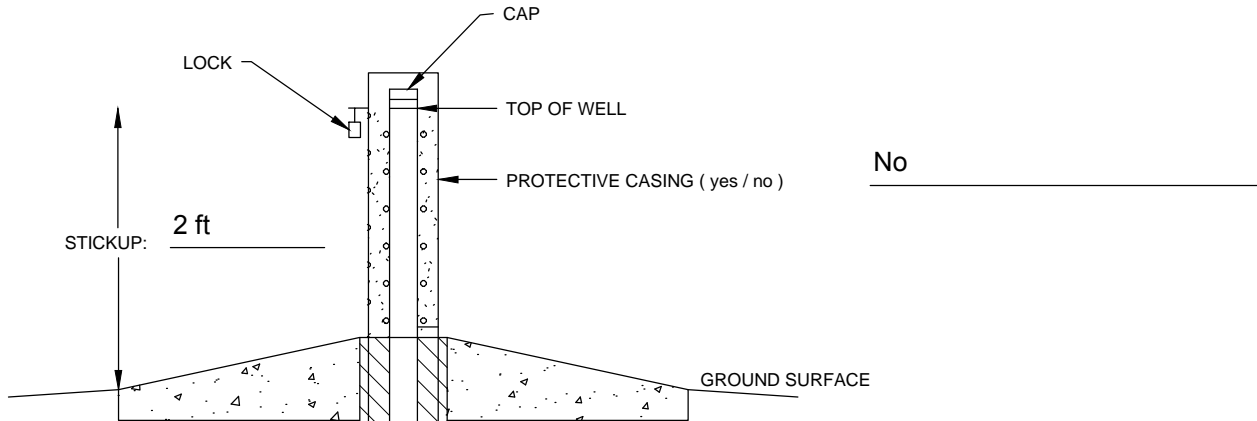
CPT Rig: Geoprobe 6622
Operator: A. Schearback

GROUNDWATER PIEZOMETER

P-1

SITE NAME: JEA - NGS Preliminary study		LOCATION: 4377 Heckscher Drive, Jacksonville, FL	
CLIENT: Jacksonville Electrical Authority (JEA)		SURFACE ELEVATION: 10.017 ft	
APR: KAM	LATITUDE: 30.42451135	LONGITUDE: -81.54878979	
DRILLER: Adam S	STATIC WATER LEVEL: 7'	COMPLETION DATE: 1/15/26	
DRILLING COMPANY: Terracon		DRILLING METHODS: Hollow Stem Auger	

DEPTHS MEASURED FROM GROUND SURFACE



SCREEN INFORMATION

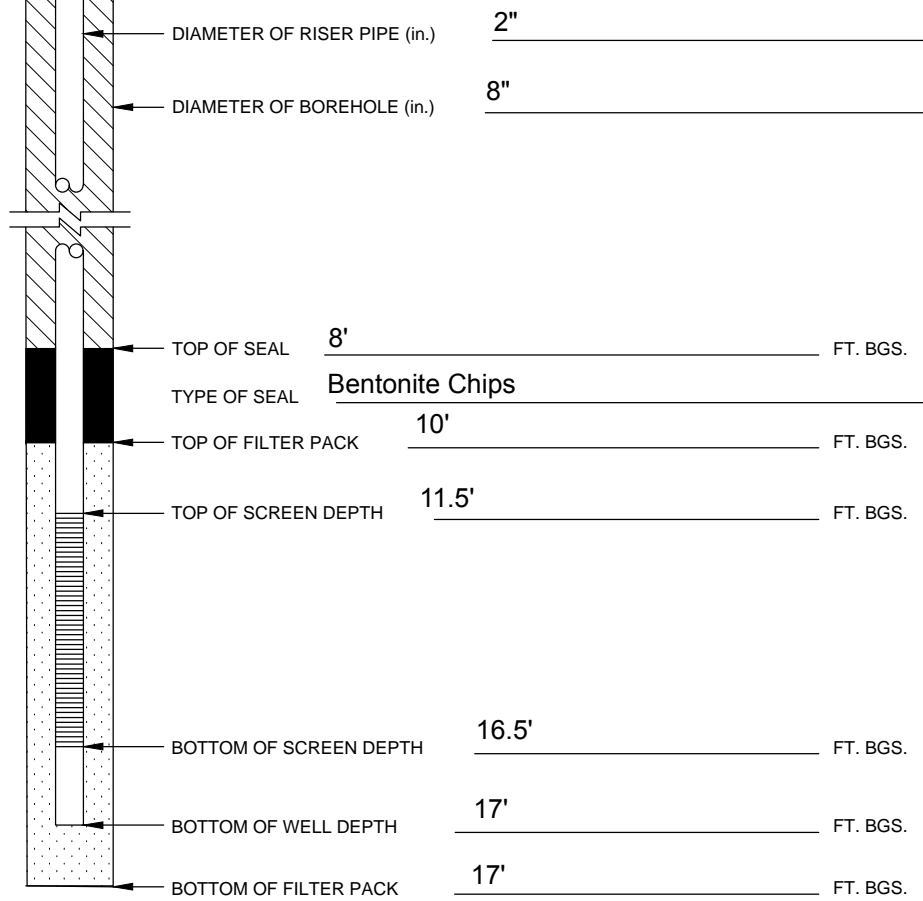
SCREEN DIA. 2"
 SLOT WIDTH 0.010
 SCHEDULE 40
 MATERIAL PVC

FILTERPACK MATERIAL

TYPE 20/30 Filter Sand
 BACKFILL METHOD Drill Cutting

WATER LEVEL SUMMARY

WATER LEVEL MEASUREMENTS
 DATE/TIME/LEVEL:
1/15/26/ 11:19/ 7'

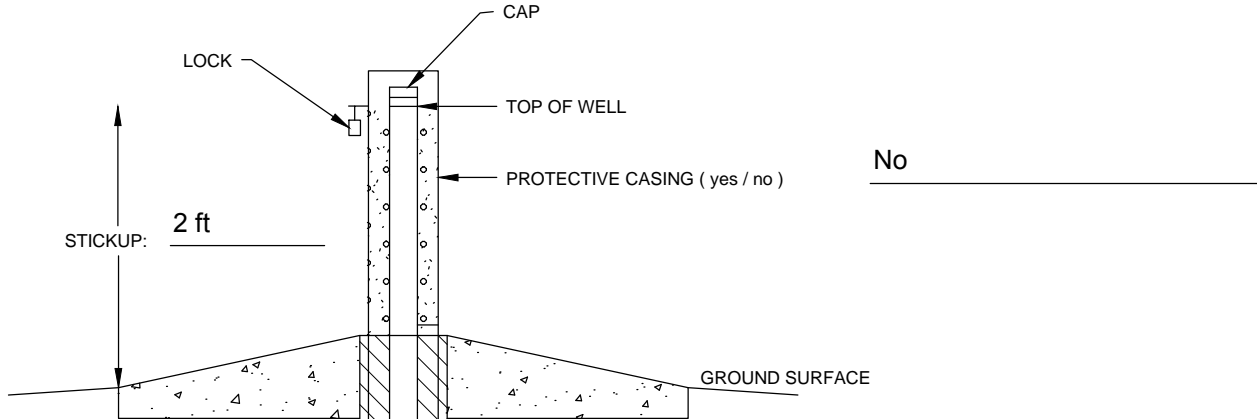


GROUNDWATER PIEZOMETER

P-2

SITE NAME: JEA - NGS Preliminary study		LOCATION: 4377 Heckscher Drive, Jacksonville, FL	
CLIENT: Jacksonville Electrical Authority (JEA)		SURFACE ELEVATION: 16.837 ft	
APR: KAM	LATITUDE: 30.43396737	LONGITUDE: -81.55083703	
DRILLER: B Gverra	STATIC WATER LEVEL: 8'	COMPLETION DATE: 1/29/26	
DRILLING COMPANY: EGS		DRILLING METHODS: Rotary	

DEPTHS MEASURED FROM GROUND SURFACE

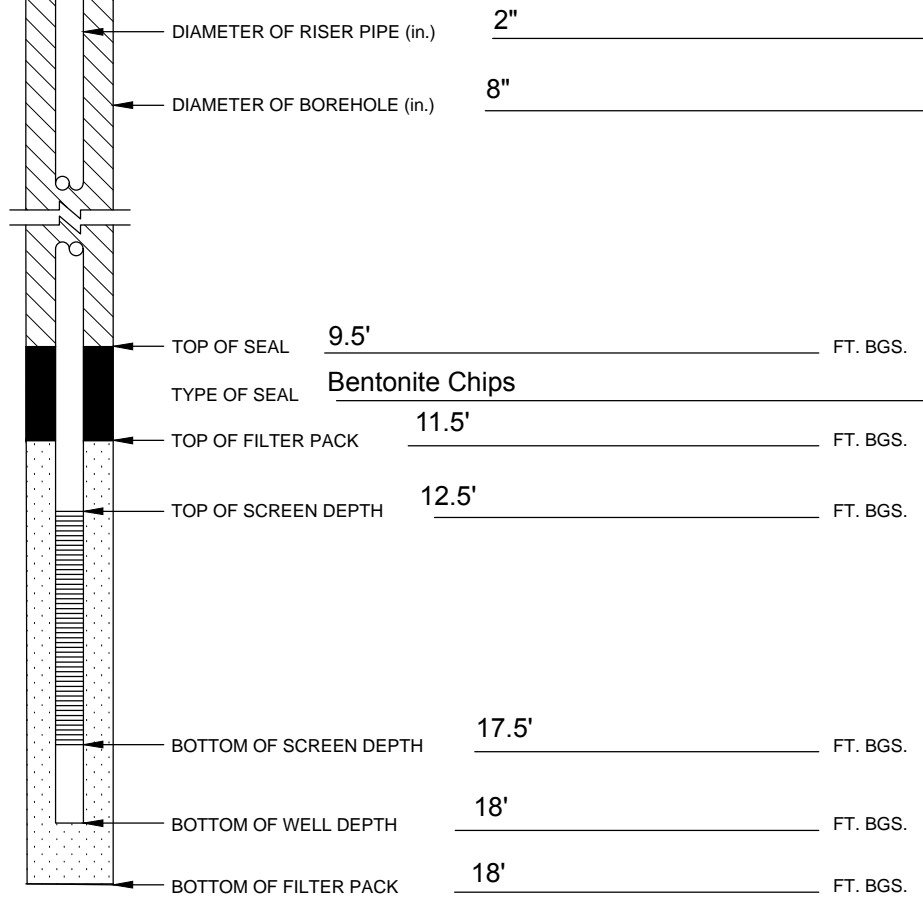


PROTECTIVE CASING (yes / no) No

SCREEN INFORMATION
 SCREEN DIA. 2"
 SLOT WIDTH 0.010
 SCHEDULE 40
 MATERIAL PVC

FILTERPACK MATERIAL
 TYPE 20/30 Filter Sand
 BACKFILL METHOD Drill Cutting

WATER LEVEL SUMMARY
 WATER LEVEL MEASUREMENTS
 DATE/TIME/LEVEL:
1/29/26/ - / 8'



Data Set: E:\SVO\JEA\JEA P1\p1 A\JEA p1 A in,aqt.aqt
 Title: JEA p1 A in
 Date: 02/10/26
 Time: 12:39:54

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P1 A in

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: New Well

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.26 ft
 Static Water Column Height: 5.49 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 15.45 ft

No. of Observations: 1820

Time (sec)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (sec)	
0.1	0.	227.6	0.03
0.3	0.	227.8	0.03
0.6	0.	228.1	0.03
0.8	0.	228.3	0.03
1.1	0.	228.6	0.03
1.3	0.	228.8	0.03
1.6	0.	229.1	0.03
1.8	0.	229.3	0.03
2.1	0.	229.6	0.03
2.3	0.	229.8	0.03
2.6	0.	230.1	0.03
2.8	0.	230.3	0.03
3.1	0.	230.6	0.03
3.3	0.	230.8	0.03
3.6	0.	231.1	0.03
3.8	0.	231.3	0.03
4.1	0.	231.6	0.03
4.3	0.	231.8	0.03
4.6	0.	232.1	0.03
4.8	0.	232.3	0.03
5.1	0.	232.6	0.03
5.3	0.	232.8	0.03
5.6	0.	233.1	0.03
5.8	0.	233.3	0.03
6.1	0.	233.6	0.03
6.3	0.	233.8	0.03
6.6	0.	234.1	0.03
6.8	0.	234.3	0.03
7.1	0.	234.6	0.03

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
7.3	0.	234.8	0.03
7.6	0.	235.1	0.03
7.8	0.	235.3	0.03
8.1	0.	235.6	0.03
8.3	0.	235.8	0.03
8.6	0.	236.1	0.03
8.8	0.	236.3	0.03
9.1	0.	236.6	0.03
9.3	0.	236.8	0.03
9.6	0.	237.1	0.03
9.8	0.	237.3	0.03
10.1	0.	237.6	0.03
10.3	0.	237.8	0.03
10.6	0.	238.1	0.03
10.8	0.	238.3	0.03
11.1	0.	238.6	0.03
11.3	0.	238.8	0.03
11.6	0.	239.1	0.03
11.8	0.	239.3	0.03
12.1	0.	239.6	0.03
12.3	0.	239.8	0.03
12.6	0.	240.1	0.03
12.8	0.	240.3	0.03
13.1	0.	240.6	0.03
13.3	0.	240.8	0.03
13.6	0.01	241.1	0.03
13.8	0.	241.3	0.03
14.1	0.	241.6	0.03
14.3	0.01	241.8	0.03
14.6	0.	242.1	0.03
14.8	0.	242.3	0.03
15.1	0.	242.6	0.03
15.3	0.01	242.8	0.03
15.6	0.01	243.1	0.03
15.8	0.	243.3	0.03
16.1	0.01	243.6	0.03
16.3	0.	243.8	0.03
16.6	0.01	244.1	0.03
16.8	0.	244.3	0.03
17.1	0.01	244.6	0.03
17.3	0.01	244.8	0.03
17.6	0.01	245.1	0.03
17.8	0.01	245.3	0.03
18.1	0.01	245.6	0.03
18.3	0.	245.8	0.03
18.6	0.01	246.1	0.03
18.8	0.01	246.3	0.03
19.1	0.01	246.6	0.03
19.3	0.01	246.8	0.03
19.6	0.01	247.1	0.03
19.8	0.	247.3	0.03
20.1	0.01	247.6	0.03
20.3	0.01	247.8	0.03
20.6	0.	248.1	0.03
20.8	0.	248.3	0.03
21.1	0.01	248.6	0.03
21.3	0.	248.8	0.03
21.6	0.01	249.1	0.03
21.8	0.01	249.3	0.03
22.1	0.01	249.6	0.03
22.3	0.01	249.8	0.03
22.6	0.01	250.1	0.03
22.8	0.	250.3	0.03
23.1	0.01	250.6	0.03
23.3	0.01	250.8	0.03
23.6	0.01	251.1	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
23.8	0.01	251.3	0.03
24.1	0.01	251.6	0.03
24.3	0.01	251.8	0.03
24.6	0.01	252.1	0.03
24.8	0.01	252.3	0.03
25.1	0.02	252.6	0.03
25.3	0.54	252.8	0.03
25.6	1.26	253.1	0.03
25.8	1.25	253.3	0.03
26.1	0.84	253.6	0.03
26.3	0.98	253.8	0.03
26.6	0.67	254.1	0.03
26.8	0.61	254.3	0.03
27.1	0.74	254.6	0.03
27.3	0.68	254.8	0.03
27.6	0.69	255.1	0.03
27.8	0.69	255.3	0.03
28.1	0.67	255.6	0.03
28.3	0.66	255.8	0.03
28.6	0.66	256.1	0.03
28.8	0.65	256.3	0.03
29.1	0.64	256.6	0.03
29.3	0.63	256.8	0.03
29.6	0.63	257.1	0.03
29.8	0.62	257.3	0.03
30.1	0.62	257.6	0.03
30.3	0.61	257.8	0.03
30.6	0.6	258.1	0.03
30.8	0.6	258.3	0.03
31.1	0.59	258.6	0.03
31.3	0.58	258.8	0.03
31.6	0.58	259.1	0.03
31.8	0.57	259.3	0.03
32.1	0.57	259.6	0.03
32.3	0.56	259.8	0.03
32.6	0.55	260.1	0.03
32.8	0.55	260.3	0.03
33.1	0.54	260.6	0.03
33.3	0.54	260.8	0.03
33.6	0.53	261.1	0.03
33.8	0.52	261.3	0.03
34.1	0.52	261.6	0.03
34.3	0.51	261.8	0.03
34.6	0.51	262.1	0.03
34.8	0.5	262.3	0.02
35.1	0.5	262.6	0.03
35.3	0.49	262.8	0.03
35.6	0.49	263.1	0.03
35.8	0.48	263.3	0.02
36.1	0.48	263.6	0.03
36.3	0.47	263.8	0.03
36.6	0.47	264.1	0.03
36.8	0.46	264.3	0.02
37.1	0.46	264.6	0.02
37.3	0.45	264.8	0.03
37.6	0.45	265.1	0.03
37.8	0.44	265.3	0.02
38.1	0.44	265.6	0.03
38.3	0.43	265.8	0.03
38.6	0.43	266.1	0.03
38.8	0.42	266.3	0.02
39.1	0.42	266.6	0.03
39.3	0.41	266.8	0.02
39.6	0.41	267.1	0.03
39.8	0.41	267.3	0.02
40.1	0.4	267.6	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
40.3	0.4	267.8	0.03
40.6	0.4	268.1	0.03
40.8	0.39	268.3	0.02
41.1	0.39	268.6	0.03
41.3	0.38	268.8	0.03
41.6	0.38	269.1	0.03
41.8	0.38	269.3	0.02
42.1	0.37	269.6	0.02
42.3	0.37	269.8	0.03
42.6	0.37	270.1	0.02
42.8	0.36	270.3	0.02
43.1	0.36	270.6	0.03
43.3	0.36	270.8	0.03
43.6	0.35	271.1	0.02
43.8	0.35	271.3	0.02
44.1	0.35	271.6	0.02
44.3	0.34	271.8	0.02
44.6	0.34	272.1	0.02
44.8	0.34	272.3	0.02
45.1	0.33	272.6	0.02
45.3	0.33	272.8	0.02
45.6	0.33	273.1	0.02
45.8	0.32	273.3	0.02
46.1	0.32	273.6	0.02
46.3	0.32	273.8	0.02
46.6	0.31	274.1	0.02
46.8	0.31	274.3	0.02
47.1	0.31	274.6	0.02
47.3	0.31	274.8	0.02
47.6	0.3	275.1	0.02
47.8	0.3	275.3	0.02
48.1	0.3	275.6	0.02
48.3	0.29	275.8	0.02
48.6	0.29	276.1	0.02
48.8	0.29	276.3	0.02
49.1	0.29	276.6	0.02
49.3	0.29	276.8	0.03
49.6	0.28	277.1	0.02
49.8	0.28	277.3	0.02
50.1	0.27	277.6	0.02
50.3	0.27	277.8	0.02
50.6	0.27	278.1	0.02
50.8	0.27	278.3	0.02
51.1	0.27	278.6	0.02
51.3	0.27	278.8	0.02
51.6	0.26	279.1	0.02
51.8	0.26	279.3	0.02
52.1	0.26	279.6	0.02
52.3	0.26	279.8	0.02
52.6	0.26	280.1	0.02
52.8	0.25	280.3	0.02
53.1	0.25	280.6	0.02
53.3	0.25	280.8	0.02
53.6	0.25	281.1	0.02
53.8	0.25	281.3	0.02
54.1	0.24	281.6	0.02
54.3	0.24	281.8	0.03
54.6	0.24	282.1	0.02
54.8	0.24	282.3	0.02
55.1	0.24	282.6	0.03
55.3	0.23	282.8	0.02
55.6	0.23	283.1	0.02
55.8	0.23	283.3	0.02
56.1	0.23	283.6	0.02
56.3	0.23	283.8	0.02
56.6	0.23	284.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
56.8	0.22	284.3	0.02
57.1	0.22	284.6	0.02
57.3	0.22	284.8	0.02
57.6	0.22	285.1	0.02
57.8	0.21	285.3	0.02
58.1	0.21	285.6	0.03
58.3	0.21	285.8	0.03
58.6	0.21	286.1	0.02
58.8	0.21	286.3	0.02
59.1	0.21	286.6	0.03
59.3	0.21	286.8	0.02
59.6	0.2	287.1	0.02
59.8	0.2	287.3	0.02
60.1	0.2	287.6	0.02
60.3	0.2	287.8	0.03
60.6	0.2	288.1	0.03
60.8	0.2	288.3	0.02
61.1	0.19	288.6	0.02
61.3	0.19	288.8	0.02
61.6	0.19	289.1	0.02
61.8	0.19	289.3	0.02
62.1	0.19	289.6	0.02
62.3	0.19	289.8	0.02
62.6	0.19	290.1	0.02
62.8	0.18	290.3	0.02
63.1	0.18	290.6	0.02
63.3	0.18	290.8	0.02
63.6	0.18	291.1	0.02
63.8	0.18	291.3	0.02
64.1	0.18	291.6	0.02
64.3	0.17	291.8	0.02
64.6	0.17	292.1	0.02
64.8	0.17	292.3	0.02
65.1	0.17	292.6	0.02
65.3	0.17	292.8	0.02
65.6	0.17	293.1	0.02
65.8	0.17	293.3	0.02
66.1	0.17	293.6	0.02
66.3	0.17	293.8	0.02
66.6	0.17	294.1	0.02
66.8	0.16	294.3	0.02
67.1	0.16	294.6	0.02
67.3	0.16	294.8	0.02
67.6	0.16	295.1	0.02
67.8	0.16	295.3	0.02
68.1	0.16	295.6	0.02
68.3	0.16	295.8	0.02
68.6	0.16	296.1	0.02
68.8	0.16	296.3	0.02
69.1	0.16	296.6	0.02
69.3	0.15	296.8	0.02
69.6	0.15	297.1	0.02
69.8	0.15	297.3	0.02
70.1	0.15	297.6	0.02
70.3	0.15	297.8	0.02
70.6	0.15	298.1	0.02
70.8	0.15	298.3	0.02
71.1	0.15	298.6	0.02
71.3	0.14	298.8	0.02
71.6	0.15	299.1	0.02
71.8	0.14	299.3	0.02
72.1	0.14	299.6	0.02
72.3	0.14	299.8	0.02
72.6	0.14	300.1	0.02
72.8	0.14	300.3	0.02
73.1	0.14	300.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
73.3	0.14	300.8	0.02
73.6	0.14	301.1	0.02
73.8	0.14	301.3	0.02
74.1	0.14	301.6	0.02
74.3	0.13	301.8	0.02
74.6	0.13	302.1	0.02
74.8	0.13	302.3	0.02
75.1	0.13	302.6	0.02
75.3	0.13	302.8	0.02
75.6	0.13	303.1	0.02
75.8	0.13	303.3	0.02
76.1	0.13	303.6	0.02
76.3	0.13	303.8	0.02
76.6	0.13	304.1	0.02
76.8	0.13	304.3	0.02
77.1	0.13	304.6	0.02
77.3	0.13	304.8	0.02
77.6	0.13	305.1	0.02
77.8	0.13	305.3	0.02
78.1	0.13	305.6	0.02
78.3	0.12	305.8	0.02
78.6	0.12	306.1	0.02
78.8	0.12	306.3	0.02
79.1	0.12	306.6	0.02
79.3	0.12	306.8	0.02
79.6	0.12	307.1	0.02
79.8	0.12	307.3	0.02
80.1	0.12	307.6	0.02
80.3	0.12	307.8	0.02
80.6	0.12	308.1	0.02
80.8	0.12	308.3	0.02
81.1	0.12	308.6	0.02
81.3	0.12	308.8	0.02
81.6	0.12	309.1	0.02
81.8	0.12	309.3	0.02
82.1	0.12	309.6	0.02
82.3	0.11	309.8	0.02
82.6	0.11	310.1	0.02
82.8	0.11	310.3	0.02
83.1	0.11	310.6	0.02
83.3	0.11	310.8	0.02
83.6	0.11	311.1	0.02
83.8	0.11	311.3	0.02
84.1	0.11	311.6	0.02
84.3	0.11	311.8	0.02
84.6	0.11	312.1	0.02
84.8	0.11	312.3	0.02
85.1	0.11	312.6	0.02
85.3	0.11	312.8	0.02
85.6	0.11	313.1	0.02
85.8	0.11	313.3	0.02
86.1	0.11	313.6	0.02
86.3	0.11	313.8	0.02
86.6	0.11	314.1	0.02
86.8	0.11	314.3	0.02
87.1	0.11	314.6	0.02
87.3	0.11	314.8	0.02
87.6	0.11	315.1	0.02
87.8	0.11	315.3	0.02
88.1	0.11	315.6	0.02
88.3	0.11	315.8	0.02
88.6	0.11	316.1	0.02
88.8	0.11	316.3	0.02
89.1	0.11	316.6	0.02
89.3	0.11	316.8	0.02
89.6	0.11	317.1	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
89.8	0.11	317.3	0.02
90.1	0.11	317.6	0.02
90.3	0.1	317.8	0.02
90.6	0.1	318.1	0.02
90.8	0.1	318.3	0.02
91.1	0.1	318.6	0.02
91.3	0.1	318.8	0.02
91.6	0.1	319.1	0.02
91.8	0.1	319.3	0.02
92.1	0.1	319.6	0.02
92.3	0.1	319.8	0.02
92.6	0.1	320.1	0.02
92.8	0.1	320.3	0.02
93.1	0.1	320.6	0.02
93.3	0.1	320.8	0.02
93.6	0.1	321.1	0.02
93.8	0.1	321.3	0.02
94.1	0.1	321.6	0.02
94.3	0.1	321.8	0.02
94.6	0.1	322.1	0.02
94.8	0.1	322.3	0.02
95.1	0.1	322.6	0.02
95.3	0.1	322.8	0.02
95.6	0.1	323.1	0.02
95.8	0.1	323.3	0.02
96.1	0.1	323.6	0.02
96.3	0.09	323.8	0.02
96.6	0.09	324.1	0.02
96.8	0.09	324.3	0.02
97.1	0.09	324.6	0.02
97.3	0.09	324.8	0.02
97.6	0.09	325.1	0.02
97.8	0.09	325.3	0.02
98.1	0.09	325.6	0.02
98.3	0.09	325.8	0.02
98.6	0.09	326.1	0.02
98.8	0.09	326.3	0.02
99.1	0.09	326.6	0.02
99.3	0.09	326.8	0.02
99.6	0.09	327.1	0.02
99.8	0.09	327.3	0.02
100.1	0.09	327.6	0.02
100.3	0.09	327.8	0.02
100.6	0.09	328.1	0.02
100.8	0.09	328.3	0.02
101.1	0.09	328.6	0.02
101.3	0.09	328.8	0.02
101.6	0.09	329.1	0.02
101.8	0.09	329.3	0.02
102.1	0.09	329.6	0.02
102.3	0.09	329.8	0.02
102.6	0.09	330.1	0.02
102.8	0.08	330.3	0.02
103.1	0.09	330.6	0.02
103.3	0.09	330.8	0.02
103.6	0.08	331.1	0.02
103.8	0.08	331.3	0.02
104.1	0.09	331.6	0.02
104.3	0.09	331.8	0.02
104.6	0.08	332.1	0.02
104.8	0.08	332.3	0.02
105.1	0.08	332.6	0.02
105.3	0.08	332.8	0.02
105.6	0.08	333.1	0.02
105.8	0.08	333.3	0.02
106.1	0.08	333.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
106.3	0.08	333.8	0.02
106.6	0.08	334.1	0.02
106.8	0.08	334.3	0.02
107.1	0.08	334.6	0.02
107.3	0.08	334.8	0.02
107.6	0.08	335.1	0.02
107.8	0.08	335.3	0.02
108.1	0.08	335.6	0.02
108.3	0.08	335.8	0.02
108.6	0.08	336.1	0.02
108.8	0.08	336.3	0.02
109.1	0.08	336.6	0.02
109.3	0.08	336.8	0.02
109.6	0.08	337.1	0.02
109.8	0.08	337.3	0.02
110.1	0.08	337.6	0.02
110.3	0.08	337.8	0.02
110.6	0.07	338.1	0.02
110.8	0.08	338.3	0.02
111.1	0.08	338.6	0.02
111.3	0.07	338.8	0.02
111.6	0.07	339.1	0.02
111.8	0.08	339.3	0.02
112.1	0.08	339.6	0.02
112.3	0.07	339.8	0.02
112.6	0.07	340.1	0.02
112.8	0.07	340.3	0.02
113.1	0.07	340.6	0.02
113.3	0.07	340.8	0.02
113.6	0.07	341.1	0.02
113.8	0.07	341.3	0.02
114.1	0.07	341.6	0.02
114.3	0.07	341.8	0.02
114.6	0.07	342.1	0.02
114.8	0.07	342.3	0.02
115.1	0.07	342.6	0.02
115.3	0.07	342.8	0.02
115.6	0.07	343.1	0.02
115.8	0.07	343.3	0.02
116.1	0.07	343.6	0.02
116.3	0.07	343.8	0.02
116.6	0.07	344.1	0.02
116.8	0.07	344.3	0.02
117.1	0.07	344.6	0.02
117.3	0.07	344.8	0.02
117.6	0.07	345.1	0.02
117.8	0.07	345.3	0.02
118.1	0.07	345.6	0.02
118.3	0.07	345.8	0.02
118.6	0.07	346.1	0.02
118.8	0.07	346.3	0.02
119.1	0.07	346.6	0.02
119.3	0.07	346.8	0.02
119.6	0.07	347.1	0.02
119.8	0.07	347.3	0.02
120.1	0.07	347.6	0.02
120.3	0.07	347.8	0.02
120.6	0.06	348.1	0.02
120.8	0.07	348.3	0.02
121.1	0.07	348.6	0.02
121.3	0.07	348.8	0.03
121.6	0.06	349.1	0.02
121.8	0.06	349.3	0.03
122.1	0.07	349.6	0.02
122.3	0.06	349.8	0.02
122.6	0.06	350.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
122.8	0.06	350.3	0.02
123.1	0.06	350.6	0.02
123.3	0.06	350.8	0.02
123.6	0.06	351.1	0.03
123.8	0.06	351.3	0.02
124.1	0.06	351.6	0.03
124.3	0.06	351.8	0.02
124.6	0.06	352.1	0.03
124.8	0.06	352.3	0.02
125.1	0.06	352.6	0.02
125.3	0.06	352.8	0.02
125.6	0.06	353.1	0.02
125.8	0.06	353.3	0.02
126.1	0.06	353.6	0.02
126.3	0.06	353.8	0.02
126.6	0.06	354.1	0.03
126.8	0.06	354.3	0.03
127.1	0.06	354.6	0.03
127.3	0.06	354.8	0.02
127.6	0.06	355.1	0.02
127.8	0.06	355.3	0.02
128.1	0.06	355.6	0.02
128.3	0.06	355.8	0.02
128.6	0.06	356.1	0.03
128.8	0.06	356.3	0.02
129.1	0.06	356.6	0.02
129.3	0.06	356.8	0.02
129.6	0.06	357.1	0.02
129.8	0.06	357.3	0.02
130.1	0.06	357.6	0.02
130.3	0.06	357.8	0.03
130.6	0.06	358.1	0.03
130.8	0.06	358.3	0.02
131.1	0.06	358.6	0.02
131.3	0.06	358.8	0.02
131.6	0.06	359.1	0.02
131.8	0.06	359.3	0.02
132.1	0.06	359.6	0.02
132.3	0.06	359.8	0.02
132.6	0.06	360.1	0.02
132.8	0.06	360.3	0.03
133.1	0.06	360.6	0.02
133.3	0.06	360.8	0.02
133.6	0.06	361.1	0.03
133.8	0.06	361.3	0.02
134.1	0.06	361.6	0.02
134.3	0.06	361.8	0.02
134.6	0.06	362.1	0.02
134.8	0.06	362.3	0.02
135.1	0.06	362.6	0.02
135.3	0.06	362.8	0.02
135.6	0.06	363.1	0.02
135.8	0.06	363.3	0.02
136.1	0.06	363.6	0.02
136.3	0.06	363.8	0.02
136.6	0.06	364.1	0.02
136.8	0.06	364.3	0.02
137.1	0.06	364.6	0.02
137.3	0.06	364.8	0.02
137.6	0.05	365.1	0.02
137.8	0.06	365.3	0.02
138.1	0.06	365.6	0.02
138.3	0.06	365.8	0.02
138.6	0.06	366.1	0.03
138.8	0.06	366.3	0.02
139.1	0.06	366.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
139.3	0.06	366.8	0.02
139.6	0.06	367.1	0.02
139.8	0.06	367.3	0.02
140.1	0.06	367.6	0.02
140.3	0.06	367.8	0.02
140.6	0.05	368.1	0.02
140.8	0.06	368.3	0.02
141.1	0.05	368.6	0.02
141.3	0.05	368.8	0.02
141.6	0.05	369.1	0.02
141.8	0.06	369.3	0.02
142.1	0.05	369.6	0.02
142.3	0.05	369.8	0.02
142.6	0.05	370.1	0.02
142.8	0.05	370.3	0.02
143.1	0.06	370.6	0.02
143.3	0.06	370.8	0.02
143.6	0.05	371.1	0.02
143.8	0.05	371.3	0.02
144.1	0.05	371.6	0.02
144.3	0.05	371.8	0.02
144.6	0.05	372.1	0.02
144.8	0.05	372.3	0.02
145.1	0.05	372.6	0.02
145.3	0.05	372.8	0.02
145.6	0.05	373.1	0.02
145.8	0.05	373.3	0.02
146.1	0.05	373.6	0.02
146.3	0.05	373.8	0.02
146.6	0.05	374.1	0.02
146.8	0.05	374.3	0.03
147.1	0.05	374.6	0.02
147.3	0.05	374.8	0.02
147.6	0.05	375.1	0.02
147.8	0.05	375.3	0.02
148.1	0.05	375.6	0.02
148.3	0.05	375.8	0.02
148.6	0.05	376.1	0.02
148.8	0.05	376.3	0.02
149.1	0.05	376.6	0.02
149.3	0.05	376.8	0.02
149.6	0.05	377.1	0.02
149.8	0.05	377.3	0.02
150.1	0.05	377.6	0.02
150.3	0.05	377.8	0.02
150.6	0.05	378.1	0.02
150.8	0.05	378.3	0.02
151.1	0.05	378.6	0.02
151.3	0.05	378.8	0.02
151.6	0.05	379.1	0.02
151.8	0.05	379.3	0.02
152.1	0.05	379.6	0.02
152.3	0.05	379.8	0.03
152.6	0.05	380.1	0.03
152.8	0.05	380.3	0.02
153.1	0.05	380.6	0.02
153.3	0.05	380.8	0.02
153.6	0.05	381.1	0.02
153.8	0.05	381.3	0.02
154.1	0.05	381.6	0.02
154.3	0.05	381.8	0.02
154.6	0.05	382.1	0.02
154.8	0.05	382.3	0.02
155.1	0.05	382.6	0.02
155.3	0.05	382.8	0.02
155.6	0.05	383.1	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
155.8	0.04	383.3	0.02
156.1	0.05	383.6	0.02
156.3	0.05	383.8	0.02
156.6	0.05	384.1	0.02
156.8	0.04	384.3	0.02
157.1	0.05	384.6	0.02
157.3	0.05	384.8	0.02
157.6	0.05	385.1	0.02
157.8	0.04	385.3	0.02
158.1	0.04	385.6	0.02
158.3	0.05	385.8	0.02
158.6	0.04	386.1	0.02
158.8	0.05	386.3	0.02
159.1	0.05	386.6	0.02
159.3	0.04	386.8	0.02
159.6	0.05	387.1	0.02
159.8	0.04	387.3	0.02
160.1	0.05	387.6	0.02
160.3	0.05	387.8	0.02
160.6	0.05	388.1	0.02
160.8	0.04	388.3	0.02
161.1	0.04	388.6	0.02
161.3	0.04	388.8	0.02
161.6	0.04	389.1	0.02
161.8	0.04	389.3	0.02
162.1	0.04	389.6	0.02
162.3	0.05	389.8	0.02
162.6	0.05	390.1	0.02
162.8	0.04	390.3	0.02
163.1	0.05	390.6	0.02
163.3	0.05	390.8	0.02
163.6	0.05	391.1	0.02
163.8	0.04	391.3	0.02
164.1	0.04	391.6	0.02
164.3	0.05	391.8	0.02
164.6	0.05	392.1	0.02
164.8	0.04	392.3	0.02
165.1	0.05	392.6	0.02
165.3	0.05	392.8	0.02
165.6	0.05	393.1	0.02
165.8	0.04	393.3	0.02
166.1	0.05	393.6	0.02
166.3	0.05	393.8	0.02
166.6	0.05	394.1	0.02
166.8	0.04	394.3	0.02
167.1	0.04	394.6	0.02
167.3	0.04	394.8	0.02
167.6	0.05	395.1	0.02
167.8	0.04	395.3	0.02
168.1	0.04	395.6	0.02
168.3	0.04	395.8	0.02
168.6	0.04	396.1	0.02
168.8	0.04	396.3	0.02
169.1	0.04	396.6	0.02
169.3	0.04	396.8	0.02
169.6	0.04	397.1	0.02
169.8	0.04	397.3	0.02
170.1	0.04	397.6	0.02
170.3	0.05	397.8	0.02
170.6	0.04	398.1	0.02
170.8	0.04	398.3	0.02
171.1	0.04	398.6	0.02
171.3	0.04	398.8	0.02
171.6	0.04	399.1	0.02
171.8	0.04	399.3	0.02
172.1	0.04	399.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
172.3	0.04	399.8	0.02
172.6	0.04	400.1	0.02
172.8	0.04	400.3	0.02
173.1	0.04	400.6	0.02
173.3	0.04	400.8	0.02
173.6	0.04	401.1	0.02
173.8	0.04	401.3	0.02
174.1	0.04	401.6	0.02
174.3	0.04	401.8	0.02
174.6	0.04	402.1	0.02
174.8	0.04	402.3	0.02
175.1	0.04	402.6	0.02
175.3	0.04	402.8	0.02
175.6	0.04	403.1	0.02
175.8	0.04	403.3	0.02
176.1	0.04	403.6	0.02
176.3	0.04	403.8	0.02
176.6	0.04	404.1	0.02
176.8	0.04	404.3	0.02
177.1	0.04	404.6	0.02
177.3	0.04	404.8	0.02
177.6	0.04	405.1	0.02
177.8	0.04	405.3	0.02
178.1	0.04	405.6	0.02
178.3	0.04	405.8	0.02
178.6	0.04	406.1	0.02
178.8	0.04	406.3	0.02
179.1	0.04	406.6	0.02
179.3	0.04	406.8	0.02
179.6	0.04	407.1	0.02
179.8	0.04	407.3	0.02
180.1	0.04	407.6	0.02
180.3	0.04	407.8	0.02
180.6	0.04	408.1	0.02
180.8	0.04	408.3	0.02
181.1	0.04	408.6	0.02
181.3	0.04	408.8	0.02
181.6	0.04	409.1	0.02
181.8	0.04	409.3	0.02
182.1	0.04	409.6	0.02
182.3	0.04	409.8	0.02
182.6	0.04	410.1	0.02
182.8	0.04	410.3	0.02
183.1	0.04	410.6	0.02
183.3	0.04	410.8	0.02
183.6	0.04	411.1	0.02
183.8	0.04	411.3	0.02
184.1	0.04	411.6	0.02
184.3	0.04	411.8	0.02
184.6	0.04	412.1	0.02
184.8	0.04	412.3	0.02
185.1	0.04	412.6	0.02
185.3	0.04	412.8	0.02
185.6	0.04	413.1	0.02
185.8	0.04	413.3	0.02
186.1	0.04	413.6	0.02
186.3	0.04	413.8	0.02
186.6	0.04	414.1	0.02
186.8	0.04	414.3	0.02
187.1	0.04	414.6	0.02
187.3	0.04	414.8	0.02
187.6	0.04	415.1	0.02
187.8	0.04	415.3	0.02
188.1	0.04	415.6	0.02
188.3	0.04	415.8	0.02
188.6	0.04	416.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
188.8	0.04	416.3	0.02
189.1	0.04	416.6	0.02
189.3	0.04	416.8	0.02
189.6	0.04	417.1	0.02
189.8	0.04	417.3	0.02
190.1	0.04	417.6	0.02
190.3	0.04	417.8	0.02
190.6	0.04	418.1	0.02
190.8	0.04	418.3	0.02
191.1	0.04	418.6	0.02
191.3	0.04	418.8	0.02
191.6	0.04	419.1	0.02
191.8	0.04	419.3	0.02
192.1	0.04	419.6	0.02
192.3	0.04	419.8	0.02
192.6	0.04	420.1	0.02
192.8	0.04	420.3	0.02
193.1	0.04	420.6	0.02
193.3	0.04	420.8	0.02
193.6	0.04	421.1	0.02
193.8	0.04	421.3	0.02
194.1	0.04	421.6	0.02
194.3	0.04	421.8	0.02
194.6	0.04	422.1	0.02
194.8	0.04	422.3	0.02
195.1	0.04	422.6	0.02
195.3	0.04	422.8	0.02
195.6	0.04	423.1	0.02
195.8	0.03	423.3	0.02
196.1	0.04	423.6	0.02
196.3	0.04	423.8	0.02
196.6	0.04	424.1	0.02
196.8	0.04	424.3	0.02
197.1	0.04	424.6	0.02
197.3	0.04	424.8	0.02
197.6	0.04	425.1	0.02
197.8	0.04	425.3	0.02
198.1	0.04	425.6	0.02
198.3	0.04	425.8	0.02
198.6	0.04	426.1	0.02
198.8	0.03	426.3	0.02
199.1	0.04	426.6	0.02
199.3	0.04	426.8	0.02
199.6	0.04	427.1	0.02
199.8	0.03	427.3	0.02
200.1	0.04	427.6	0.02
200.3	0.04	427.8	0.02
200.6	0.04	428.1	0.02
200.8	0.04	428.3	0.02
201.1	0.04	428.6	0.02
201.3	0.04	428.8	0.02
201.6	0.04	429.1	0.02
201.8	0.03	429.3	0.02
202.1	0.04	429.6	0.02
202.3	0.04	429.8	0.02
202.6	0.04	430.1	0.02
202.8	0.03	430.3	0.02
203.1	0.04	430.6	0.02
203.3	0.04	430.8	0.02
203.6	0.04	431.1	0.02
203.8	0.03	431.3	0.02
204.1	0.04	431.6	0.02
204.3	0.04	431.8	0.02
204.6	0.03	432.1	0.02
204.8	0.03	432.3	0.02
205.1	0.03	432.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
205.3	0.03	432.8	0.02
205.6	0.04	433.1	0.02
205.8	0.03	433.3	0.02
206.1	0.03	433.6	0.02
206.3	0.03	433.8	0.02
206.6	0.04	434.1	0.02
206.8	0.03	434.3	0.02
207.1	0.03	434.6	0.02
207.3	0.03	434.8	0.02
207.6	0.03	435.1	0.02
207.8	0.03	435.3	0.02
208.1	0.03	435.6	0.02
208.3	0.04	435.8	0.02
208.6	0.04	436.1	0.02
208.8	0.04	436.3	0.02
209.1	0.03	436.6	0.02
209.3	0.03	436.8	0.02
209.6	0.03	437.1	0.02
209.8	0.03	437.3	0.02
210.1	0.03	437.6	0.02
210.3	0.03	437.8	0.02
210.6	0.03	438.1	0.02
210.8	0.03	438.3	0.02
211.1	0.03	438.6	0.02
211.3	0.03	438.8	0.02
211.6	0.03	439.1	0.02
211.8	0.03	439.3	0.02
212.1	0.03	439.6	0.02
212.3	0.03	439.8	0.02
212.6	0.03	440.1	0.02
212.8	0.03	440.3	0.02
213.1	0.03	440.6	0.02
213.3	0.03	440.8	0.02
213.6	0.03	441.1	0.02
213.8	0.03	441.3	0.02
214.1	0.03	441.6	0.02
214.3	0.03	441.8	0.02
214.6	0.03	442.1	0.02
214.8	0.03	442.3	0.02
215.1	0.03	442.6	0.02
215.3	0.03	442.8	0.02
215.6	0.03	443.1	0.02
215.8	0.03	443.3	0.02
216.1	0.03	443.6	0.02
216.3	0.03	443.8	0.02
216.6	0.03	444.1	0.02
216.8	0.03	444.3	0.02
217.1	0.03	444.6	0.02
217.3	0.03	444.8	0.02
217.6	0.03	445.1	0.02
217.8	0.03	445.3	0.02
218.1	0.03	445.6	0.02
218.3	0.03	445.8	0.02
218.6	0.03	446.1	0.02
218.8	0.03	446.3	0.02
219.1	0.03	446.6	0.02
219.3	0.03	446.8	0.02
219.6	0.03	447.1	0.02
219.8	0.03	447.3	0.02
220.1	0.03	447.6	0.02
220.3	0.03	447.8	0.02
220.6	0.03	448.1	0.02
220.8	0.03	448.3	0.02
221.1	0.03	448.6	0.02
221.3	0.03	448.8	0.02
221.6	0.03	449.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
221.8	0.03	449.3	0.02
222.1	0.03	449.6	0.02
222.3	0.03	449.8	0.02
222.6	0.03	450.1	0.02
222.8	0.03	450.3	0.02
223.1	0.03	450.6	0.02
223.3	0.03	450.8	0.02
223.6	0.03	451.1	0.02
223.8	0.03	451.3	0.02
224.1	0.03	451.6	0.02
224.3	0.03	451.8	0.02
224.6	0.03	452.1	0.02
224.8	0.03	452.3	0.02
225.1	0.03	452.6	0.02
225.3	0.03	452.8	0.02
225.6	0.03	453.1	0.02
225.8	0.03	453.3	0.02
226.1	0.03	453.6	0.02
226.3	0.03	453.8	0.02
226.6	0.03	454.1	0.02
226.8	0.03	454.3	0.02
227.1	0.03	454.6	0.02
227.3	0.03	454.8	0.02

SOLUTION

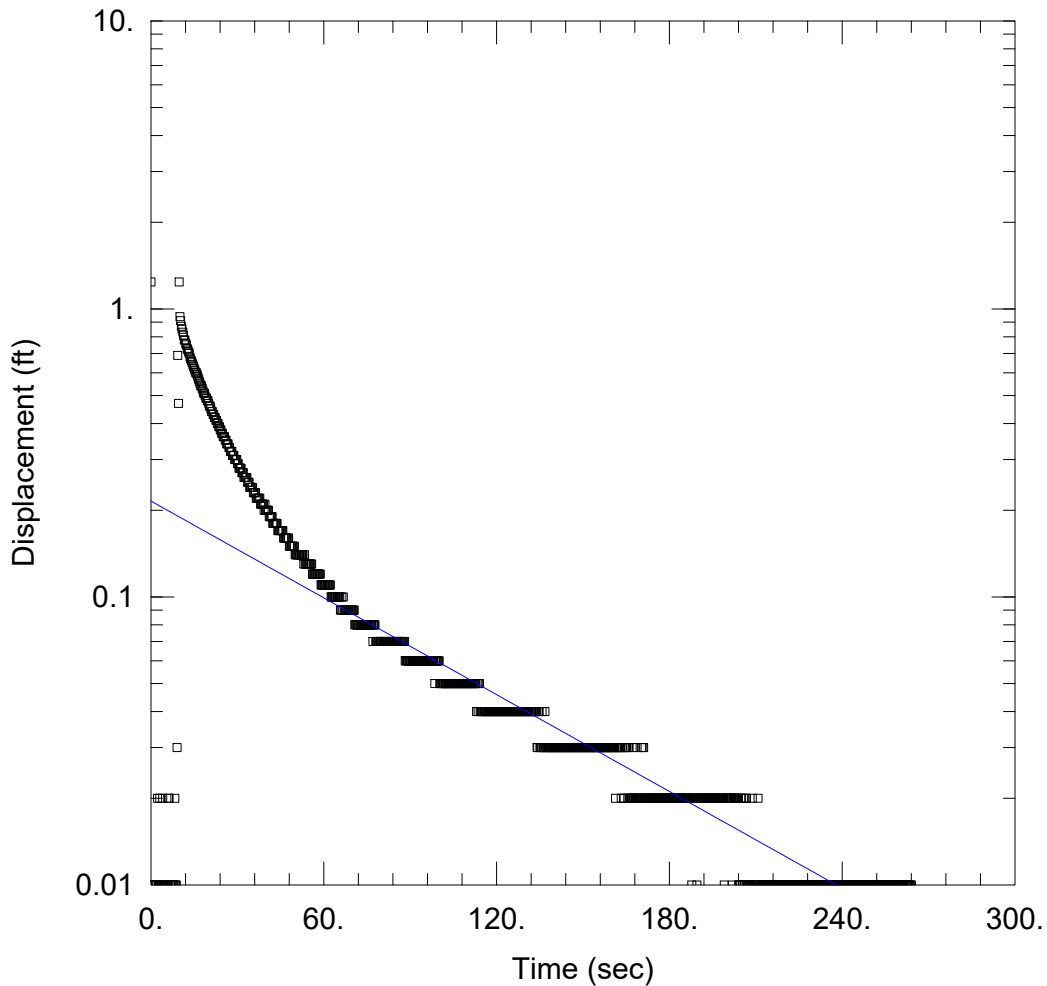
Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.7602	ft/day
y0	0.147	ft

K = 0.0002682 cm/sec
 T = K*b = 76.02 ft²/day (0.8174 sq. cm/sec)



WELL TEST ANALYSIS

Data Set:

Date: 02/10/26

Time: 11:06:03

PROJECT INFORMATION

Company: Terracon

Client: JEA

Project: EQ255176

Location: JEA Jax

Test Well: JEA P1 A Out

Test Date: 02-06-26

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (JEA P1 A OUT)

Initial Displacement: 1.24 ft

Static Water Column Height: 5.49 ft

Total Well Penetration Depth: 15.45 ft

Screen Length: 5. ft

Casing Radius: 0.086 ft

Well Radius: 0.33 ft

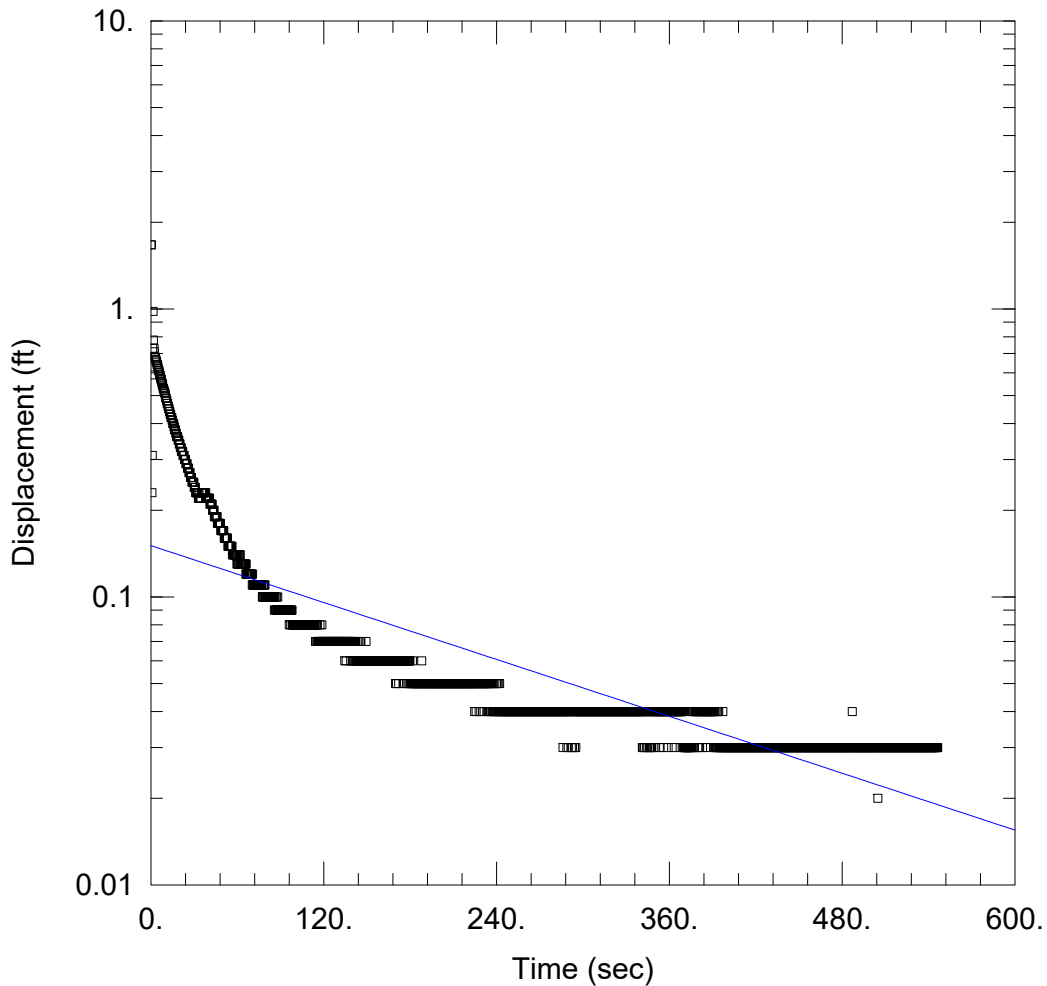
SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 2.244 ft/day

y0 = 0.2152 ft



JEA P1 B IN

Data Set:

Date: 02/10/26

Time: 10:23:35

PROJECT INFORMATION

Company: Terracon

Client: JEA

Project: EQ255176

Location: JEA Jax

Test Well: JEA P1 B in

Test Date: 02-06-26

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (JEA P1 B in)

Initial Displacement: 1.67 ft

Static Water Column Height: 5.49 ft

Total Well Penetration Depth: 15.45 ft

Screen Length: 5. ft

Casing Radius: 0.086 ft

Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 0.5168 ft/day

y0 = 0.1507 ft

Data Set:
 Title: JEA P1 B out
 Date: 02/10/26
 Time: 10:40:08

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P1 B Out

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P1 Out

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.12 ft
 Static Water Column Height: 5.49 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 15.45 ft

No. of Observations: 582

Time (sec)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (sec)	
0.7	1.12	74.7	0.05
1.	0.86	75.	0.05
1.2	0.84	75.2	0.05
1.5	0.81	75.5	0.05
1.7	0.79	75.7	0.04
2.	0.76	76.	0.05
2.2	0.75	76.2	0.04
2.5	0.73	76.5	0.04
2.7	0.71	76.7	0.04
3.	0.69	77.	0.04
3.3	0.69	77.3	0.05
3.5	0.67	77.5	0.04
3.8	0.65	77.8	0.04
4.	0.64	78.	0.04
4.3	0.63	78.3	0.04
4.5	0.62	78.5	0.04
4.8	0.6	78.8	0.04
5.	0.59	79.	0.05
5.3	0.58	79.3	0.04
5.5	0.57	79.5	0.04
5.8	0.56	79.8	0.04
6.1	0.55	80.1	0.04
6.3	0.54	80.3	0.04
6.6	0.53	80.6	0.04
6.8	0.52	80.8	0.04
7.1	0.51	81.1	0.04
7.3	0.5	81.3	0.04
7.6	0.49	81.6	0.04
7.8	0.48	81.8	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
8.1	0.48	82.1	0.04
8.3	0.47	82.3	0.04
8.6	0.46	82.6	0.04
8.9	0.45	82.8	0.04
9.1	0.44	83.1	0.04
9.4	0.44	83.4	0.04
9.6	0.43	83.6	0.04
9.9	0.42	83.9	0.04
10.1	0.42	84.1	0.04
10.4	0.41	84.4	0.04
10.6	0.4	84.6	0.04
10.9	0.4	84.9	0.04
11.1	0.39	85.1	0.04
11.4	0.38	85.4	0.04
11.6	0.38	85.6	0.04
11.9	0.37	85.9	0.04
12.2	0.36	86.2	0.04
12.4	0.36	86.4	0.04
12.7	0.35	86.7	0.04
12.9	0.34	86.9	0.04
13.2	0.34	87.2	0.04
13.4	0.33	87.4	0.04
13.7	0.33	87.7	0.03
13.9	0.33	87.9	0.04
14.2	0.32	88.2	0.04
14.4	0.31	88.4	0.04
14.7	0.31	88.7	0.03
15.	0.3	89.	0.04
15.2	0.3	89.2	0.04
15.5	0.29	89.5	0.04
15.7	0.29	89.7	0.04
16.	0.29	90.	0.03
16.2	0.28	90.2	0.04
16.5	0.28	90.5	0.04
16.7	0.27	90.7	0.04
17.	0.27	91.	0.04
17.2	0.26	91.2	0.04
17.5	0.26	91.5	0.04
17.8	0.26	91.7	0.03
18.	0.25	92.	0.03
18.3	0.25	92.3	0.04
18.5	0.25	92.5	0.03
18.8	0.24	92.8	0.03
19.	0.24	93.	0.04
19.3	0.24	93.3	0.03
19.5	0.23	93.5	0.03
19.8	0.23	93.8	0.03
20.	0.23	94.	0.03
20.3	0.22	94.3	0.03
20.5	0.22	94.5	0.03
20.8	0.22	94.8	0.03
21.1	0.22	95.1	0.03
21.3	0.21	95.3	0.03
21.6	0.21	95.6	0.03
21.8	0.21	95.8	0.03
22.1	0.21	96.1	0.03
22.3	0.2	96.3	0.03
22.6	0.2	96.6	0.03
22.8	0.2	96.8	0.03
23.1	0.2	97.1	0.03
23.3	0.19	97.3	0.03
23.6	0.19	97.6	0.03
23.9	0.19	97.9	0.03
24.1	0.19	98.1	0.03
24.4	0.19	98.4	0.03
24.6	0.18	98.6	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
24.9	0.18	98.9	0.03
25.1	0.18	99.1	0.03
25.4	0.18	99.4	0.03
25.6	0.18	99.6	0.03
25.9	0.17	99.9	0.03
26.1	0.17	100.1	0.03
26.4	0.17	100.4	0.03
26.7	0.17	100.6	0.03
26.9	0.17	100.9	0.03
27.2	0.17	101.2	0.03
27.4	0.16	101.4	0.03
27.7	0.16	101.7	0.03
27.9	0.16	101.9	0.03
28.2	0.16	102.2	0.03
28.4	0.16	102.4	0.03
28.7	0.16	102.7	0.03
28.9	0.16	102.9	0.03
29.2	0.16	103.2	0.03
29.4	0.15	103.4	0.03
29.7	0.15	103.7	0.03
30.	0.15	104.	0.03
30.2	0.15	104.2	0.02
30.5	0.14	104.5	0.03
30.7	0.14	104.7	0.02
31.	0.14	105.	0.03
31.2	0.14	105.2	0.02
31.5	0.14	105.5	0.03
31.7	0.14	105.7	0.03
32.	0.14	106.	0.02
32.2	0.14	106.2	0.03
32.5	0.13	106.5	0.02
32.8	0.13	106.8	0.02
33.	0.13	107.	0.02
33.3	0.13	107.3	0.03
33.5	0.13	107.5	0.02
33.8	0.13	107.8	0.02
34.	0.13	108.	0.02
34.3	0.13	108.3	0.02
34.5	0.12	108.5	0.03
34.8	0.12	108.8	0.02
35.	0.12	109.	0.02
35.3	0.12	109.3	0.02
35.6	0.12	109.5	0.02
35.8	0.12	109.8	0.02
36.1	0.12	110.1	0.02
36.3	0.12	110.3	0.02
36.6	0.11	110.6	0.02
36.8	0.12	110.8	0.02
37.1	0.11	111.1	0.02
37.3	0.11	111.3	0.02
37.6	0.11	111.6	0.02
37.8	0.11	111.8	0.02
38.1	0.11	112.1	0.02
38.3	0.11	112.3	0.02
38.6	0.11	112.6	0.02
38.9	0.11	112.9	0.02
39.1	0.1	113.1	0.02
39.4	0.11	113.4	0.02
39.6	0.11	113.6	0.02
39.9	0.11	113.9	0.02
40.1	0.1	114.1	0.02
40.4	0.1	114.4	0.02
40.6	0.1	114.6	0.02
40.9	0.1	114.9	0.02
41.1	0.1	115.1	0.02
41.4	0.1	115.4	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
41.7	0.1	115.7	0.02
41.9	0.1	115.9	0.02
42.2	0.1	116.2	0.02
42.4	0.1	116.4	0.02
42.7	0.1	116.7	0.02
42.9	0.1	116.9	0.02
43.2	0.09	117.2	0.02
43.4	0.1	117.4	0.02
43.7	0.09	117.7	0.02
43.9	0.09	117.9	0.02
44.2	0.09	118.2	0.02
44.5	0.09	118.4	0.02
44.7	0.09	118.7	0.02
45.	0.09	119.	0.02
45.2	0.09	119.2	0.02
45.5	0.09	119.5	0.02
45.7	0.09	119.7	0.02
46.	0.09	120.	0.02
46.2	0.09	120.2	0.02
46.5	0.09	120.5	0.02
46.7	0.09	120.7	0.02
47.	0.09	121.	0.02
47.2	0.09	121.2	0.02
47.5	0.09	121.5	0.02
47.8	0.09	121.8	0.02
48.	0.08	122.	0.02
48.3	0.09	122.3	0.02
48.5	0.08	122.5	0.02
48.8	0.08	122.8	0.02
49.	0.08	123.	0.02
49.3	0.08	123.3	0.02
49.5	0.08	123.5	0.02
49.8	0.08	123.8	0.02
50.	0.08	124.	0.02
50.3	0.08	124.3	0.02
50.6	0.08	124.6	0.02
50.8	0.08	124.8	0.02
51.1	0.08	125.1	0.02
51.3	0.08	125.3	0.02
51.6	0.08	125.6	0.02
51.8	0.08	125.8	0.02
52.1	0.08	126.1	0.02
52.3	0.08	126.3	0.02
52.6	0.08	126.6	0.02
52.8	0.08	126.8	0.02
53.1	0.08	127.1	0.02
53.4	0.07	127.3	0.02
53.6	0.07	127.6	0.02
53.9	0.07	127.9	0.02
54.1	0.07	128.1	0.02
54.4	0.07	128.4	0.02
54.6	0.07	128.6	0.02
54.9	0.07	128.9	0.02
55.1	0.07	129.1	0.02
55.4	0.07	129.4	0.02
55.6	0.07	129.6	0.02
55.9	0.07	129.9	0.02
56.1	0.07	130.1	0.02
56.4	0.07	130.4	0.02
56.7	0.07	130.7	0.01
56.9	0.07	130.9	0.02
57.2	0.07	131.2	0.02
57.4	0.07	131.4	0.01
57.7	0.07	131.7	0.01
57.9	0.07	131.9	0.02
58.2	0.07	132.2	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
58.4	0.07	132.4	0.02
58.7	0.07	132.7	0.01
58.9	0.06	132.9	0.02
59.2	0.07	133.2	0.01
59.5	0.07	133.5	0.01
59.7	0.07	133.7	0.01
60.	0.07	134.	0.01
60.2	0.06	134.2	0.01
60.5	0.07	134.5	0.01
60.7	0.07	134.7	0.01
61.	0.07	135.	0.02
61.2	0.06	135.2	0.01
61.5	0.06	135.5	0.01
61.7	0.07	135.7	0.01
62.	0.06	136.	0.01
62.3	0.06	136.2	0.01
62.5	0.06	136.5	0.01
62.8	0.06	136.8	0.01
63.	0.06	137.	0.01
63.3	0.06	137.3	0.01
63.5	0.06	137.5	0.01
63.8	0.06	137.8	0.01
64.	0.06	138.	0.01
64.3	0.06	138.3	0.01
64.5	0.06	138.5	0.01
64.8	0.06	138.8	0.01
65.	0.06	139.	0.01
65.3	0.06	139.3	0.01
65.6	0.06	139.6	0.01
65.8	0.06	139.8	0.01
66.1	0.05	140.1	0.01
66.3	0.05	140.3	0.01
66.6	0.05	140.6	0.01
66.8	0.06	140.8	0.01
67.1	0.05	141.1	0.01
67.3	0.05	141.3	0.01
67.6	0.05	141.6	0.01
67.8	0.05	141.8	0.01
68.1	0.05	142.1	0.01
68.4	0.05	142.4	0.01
68.6	0.05	142.6	0.01
68.9	0.05	142.9	0.01
69.1	0.05	143.1	0.01
69.4	0.05	143.4	0.01
69.6	0.05	143.6	0.01
69.9	0.05	143.9	0.01
70.1	0.05	144.1	0.01
70.4	0.05	144.4	0.01
70.6	0.05	144.6	0.01
70.9	0.05	144.9	0.01
71.2	0.05	145.1	0.01
71.4	0.05	145.4	0.01
71.7	0.05	145.7	0.01
71.9	0.05	145.9	0.01
72.2	0.05	146.2	0.01
72.4	0.05	146.4	0.01
72.7	0.05	146.7	0.01
72.9	0.05	146.9	0.01
73.2	0.05	147.2	0.01
73.4	0.05	147.4	0.01
73.7	0.05	147.7	0.01
73.9	0.05	147.9	0.01
74.2	0.05	148.2	0.01
74.5	0.05	148.5	0.01

SOLUTION

Slug Test
Aquifer Model: Unconfined
Solution Method: Hvorslev
Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	4.505	ft/day
y0	0.3767	ft

K = 0.001589 cm/sec

T = K*b = 450.5 ft²/day (4.844 sq. cm/sec)

Data Set:
 Title: JEA P1 C in
 Date: 02/10/26
 Time: 10:46:15

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P1 C in

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P1 C IN

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.76 ft
 Static Water Column Height: 5.49 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 15.45 ft

No. of Observations: 3306

Observation Data			
Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
0.3	0.03	430.4	0.05
0.6	0.03	430.6	0.04
0.8	0.03	430.9	0.05
1.1	0.03	431.1	0.05
1.4	0.03	431.4	0.05
1.6	0.03	431.7	0.05
1.9	0.03	431.9	0.05
2.1	0.03	432.2	0.05
2.4	0.03	432.4	0.05
2.7	0.03	432.7	0.05
2.9	0.03	433.	0.05
3.2	0.03	433.2	0.05
3.4	0.03	433.5	0.05
3.7	0.03	433.7	0.05
4.	0.03	434.	0.05
4.2	0.03	434.3	0.05
4.5	0.03	434.5	0.05
4.7	0.03	434.8	0.05
5.	0.03	435.	0.05
5.3	0.03	435.3	0.05
5.5	0.03	435.6	0.05
5.8	0.03	435.8	0.05
6.	0.03	436.1	0.05
6.3	0.03	436.3	0.05
6.6	0.03	436.6	0.05
6.8	0.03	436.9	0.05
7.1	0.03	437.1	0.05
7.3	0.03	437.4	0.05
7.6	0.03	437.6	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
7.9	0.03	437.9	0.05
8.1	0.03	438.2	0.05
8.4	0.03	438.4	0.05
8.6	0.03	438.7	0.05
8.9	0.03	438.9	0.05
9.2	0.03	439.2	0.05
9.4	0.03	439.5	0.05
9.7	0.03	439.7	0.05
9.9	0.02	440.	0.05
10.2	0.02	440.2	0.05
10.5	0.02	440.5	0.05
10.7	0.02	440.8	0.05
11.	0.02	441.	0.05
11.2	0.02	441.3	0.05
11.5	0.02	441.5	0.05
11.8	0.03	441.8	0.05
12.	0.03	442.1	0.05
12.3	0.03	442.3	0.05
12.5	0.03	442.6	0.05
12.8	0.03	442.8	0.05
13.1	0.03	443.1	0.05
13.3	0.03	443.4	0.05
13.6	0.03	443.6	0.05
13.8	0.03	443.9	0.05
14.1	0.03	444.1	0.05
14.4	0.03	444.4	0.05
14.6	0.03	444.7	0.05
14.9	0.03	444.9	0.05
15.1	0.03	445.2	0.05
15.4	0.03	445.4	0.05
15.7	0.03	445.7	0.05
15.9	0.03	446.	0.05
16.2	0.03	446.2	0.05
16.4	0.03	446.5	0.05
16.7	0.03	446.7	0.05
17.	0.03	447.	0.05
17.2	0.03	447.3	0.05
17.5	0.03	447.5	0.05
17.7	0.03	447.8	0.05
18.	0.03	448.	0.05
18.3	0.03	448.3	0.05
18.5	0.03	448.6	0.05
18.8	0.03	448.8	0.05
19.	0.03	449.1	0.05
19.3	0.03	449.3	0.05
19.6	0.03	449.6	0.05
19.8	0.03	449.9	0.05
20.1	0.03	450.1	0.05
20.3	0.03	450.4	0.05
20.6	0.03	450.6	0.05
20.9	0.03	450.9	0.05
21.1	0.03	451.2	0.05
21.4	0.03	451.4	0.04
21.6	0.03	451.7	0.05
21.9	0.03	451.9	0.05
22.2	0.03	452.2	0.05
22.4	0.03	452.5	0.05
22.7	0.03	452.7	0.05
22.9	0.03	453.	0.05
23.2	0.03	453.2	0.05
23.5	0.03	453.5	0.05
23.7	0.03	453.8	0.05
24.	0.03	454.	0.05
24.2	0.03	454.3	0.05
24.5	0.03	454.5	0.04
24.8	0.03	454.8	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
25.	0.03	455.1	0.05
25.3	0.03	455.3	0.05
25.5	0.03	455.6	0.05
25.8	0.03	455.8	0.05
26.1	0.03	456.1	0.05
26.3	0.03	456.4	0.05
26.6	0.03	456.6	0.04
26.8	0.03	456.9	0.05
27.1	0.03	457.1	0.05
27.4	0.03	457.4	0.05
27.6	0.03	457.7	0.05
27.9	0.03	457.9	0.05
28.1	0.03	458.2	0.05
28.4	0.03	458.4	0.05
28.7	0.03	458.7	0.05
28.9	0.03	459.	0.05
29.2	0.03	459.2	0.05
29.4	0.03	459.5	0.05
29.7	0.03	459.7	0.05
30.	0.03	460.	0.05
30.2	0.03	460.3	0.05
30.5	0.03	460.5	0.04
30.7	0.03	460.8	0.04
31.	0.03	461.	0.05
31.3	0.03	461.3	0.05
31.5	0.03	461.6	0.05
31.8	0.03	461.8	0.05
32.	0.03	462.1	0.05
32.3	0.03	462.3	0.05
32.6	0.03	462.6	0.05
32.8	0.03	462.9	0.05
33.1	0.03	463.1	0.05
33.3	0.03	463.4	0.05
33.6	0.03	463.6	0.05
33.9	0.03	463.9	0.05
34.1	0.03	464.2	0.05
34.4	0.03	464.4	0.05
34.6	0.03	464.7	0.05
34.9	0.03	464.9	0.05
35.2	0.03	465.2	0.05
35.4	0.04	465.5	0.05
35.7	0.04	465.7	0.05
35.9	1.76	466.	0.05
36.2	1.42	466.2	0.05
36.7	0.86	466.5	0.05
37.	0.94	466.8	0.05
37.2	0.67	467.	0.05
37.5	0.67	467.3	0.05
37.8	0.66	467.5	0.05
38.	0.66	467.8	0.05
38.3	0.65	468.1	0.04
38.5	0.63	468.3	0.05
38.8	0.63	468.6	0.05
39.1	0.62	468.8	0.05
39.3	0.61	469.1	0.05
39.6	0.6	469.4	0.05
39.8	0.6	469.6	0.05
40.1	0.59	469.9	0.05
40.4	0.58	470.1	0.04
40.6	0.57	470.4	0.05
40.9	0.57	470.7	0.05
41.1	0.56	470.9	0.05
41.4	0.56	471.2	0.04
41.7	0.55	471.4	0.05
41.9	0.56	471.7	0.05
42.2	0.56	472.	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
42.4	0.55	472.2	0.04
42.7	0.54	472.5	0.05
43.	0.54	472.7	0.05
43.2	0.54	473.	0.05
43.5	0.53	473.3	0.04
43.7	0.52	473.5	0.05
44.	0.52	473.8	0.05
44.3	0.52	474.	0.05
44.5	0.51	474.3	0.05
44.8	0.51	474.6	0.04
45.	0.5	474.8	0.05
45.3	0.5	475.1	0.05
45.6	0.49	475.3	0.05
45.8	0.49	475.6	0.05
46.1	0.49	475.9	0.05
46.3	0.48	476.1	0.05
46.6	0.48	476.4	0.05
46.9	0.47	476.6	0.04
47.1	0.47	476.9	0.05
47.4	0.47	477.2	0.05
47.6	0.46	477.4	0.05
47.9	0.46	477.7	0.04
48.2	0.45	477.9	0.05
48.4	0.45	478.2	0.05
48.7	0.44	478.5	0.05
48.9	0.44	478.7	0.04
49.2	0.44	479.	0.05
49.5	0.43	479.2	0.05
49.7	0.43	479.5	0.04
50.	0.42	479.8	0.04
50.2	0.42	480.	0.05
50.5	0.42	480.3	0.05
50.8	0.42	480.5	0.04
51.	0.41	480.8	0.04
51.3	0.41	481.1	0.05
51.5	0.4	481.3	0.04
51.8	0.4	481.6	0.05
52.1	0.4	481.8	0.05
52.3	0.39	482.1	0.05
52.6	0.39	482.4	0.05
52.8	0.39	482.6	0.05
53.1	0.38	482.9	0.04
53.4	0.38	483.1	0.04
53.6	0.38	483.4	0.05
53.9	0.37	483.7	0.05
54.1	0.37	483.9	0.04
54.4	0.37	484.2	0.05
54.7	0.36	484.4	0.05
54.9	0.36	484.7	0.04
55.2	0.36	485.	0.05
55.4	0.35	485.2	0.05
55.7	0.35	485.5	0.05
56.	0.35	485.7	0.05
56.2	0.35	486.	0.04
56.5	0.34	486.3	0.05
56.7	0.34	486.5	0.05
57.	0.34	486.8	0.05
57.3	0.34	487.	0.04
57.5	0.33	487.3	0.05
57.8	0.33	487.6	0.05
58.	0.33	487.8	0.05
58.3	0.33	488.1	0.05
58.6	0.32	488.3	0.05
58.8	0.32	488.6	0.05
59.1	0.32	488.9	0.05
59.3	0.32	489.1	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
59.6	0.32	489.4	0.05
59.9	0.31	489.6	0.05
60.1	0.31	489.9	0.05
60.4	0.3	490.2	0.05
60.6	0.31	490.4	0.05
60.9	0.3	490.7	0.05
61.2	0.3	490.9	0.05
61.4	0.3	491.2	0.05
61.7	0.3	491.5	0.05
61.9	0.29	491.7	0.05
62.2	0.29	492.	0.05
62.5	0.29	492.2	0.05
62.7	0.29	492.5	0.05
63.	0.28	492.8	0.05
63.2	0.29	493.	0.05
63.5	0.28	493.3	0.05
63.8	0.28	493.5	0.05
64.	0.28	493.8	0.05
64.3	0.28	494.1	0.05
64.5	0.28	494.3	0.05
64.8	0.27	494.6	0.05
65.1	0.27	494.8	0.05
65.3	0.27	495.1	0.05
65.6	0.27	495.4	0.05
65.8	0.27	495.6	0.05
66.1	0.26	495.9	0.05
66.4	0.26	496.1	0.05
66.6	0.26	496.4	0.05
66.9	0.26	496.7	0.05
67.1	0.26	496.9	0.05
67.4	0.26	497.2	0.05
67.7	0.26	497.4	0.05
67.9	0.25	497.7	0.05
68.2	0.25	498.	0.05
68.4	0.25	498.2	0.05
68.7	0.25	498.5	0.05
69.	0.25	498.7	0.05
69.2	0.25	499.	0.05
69.5	0.25	499.3	0.05
69.7	0.24	499.5	0.05
70.	0.24	499.8	0.05
70.3	0.24	500.	0.05
70.5	0.24	500.3	0.05
70.8	0.24	500.6	0.05
71.	0.24	500.8	0.05
71.3	0.24	501.1	0.05
71.6	0.23	501.3	0.05
71.8	0.23	501.6	0.05
72.1	0.23	501.9	0.05
72.3	0.23	502.1	0.05
72.6	0.23	502.4	0.05
72.9	0.22	502.6	0.05
73.1	0.23	502.9	0.05
73.4	0.22	503.2	0.05
73.6	0.22	503.4	0.05
73.9	0.22	503.7	0.05
74.2	0.22	503.9	0.05
74.4	0.22	504.2	0.05
74.7	0.22	504.5	0.05
74.9	0.22	504.7	0.05
75.2	0.22	505.	0.05
75.5	0.21	505.2	0.05
75.7	0.21	505.5	0.05
76.	0.21	505.8	0.05
76.2	0.21	506.	0.05
76.5	0.21	506.3	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
76.8	0.21	506.5	0.05
77.	0.21	506.8	0.05
77.3	0.21	507.1	0.05
77.5	0.21	507.3	0.05
77.8	0.2	507.6	0.05
78.1	0.2	507.8	0.05
78.3	0.2	508.1	0.05
78.6	0.2	508.4	0.05
78.8	0.2	508.6	0.05
79.1	0.2	508.9	0.05
79.4	0.2	509.1	0.05
79.6	0.2	509.4	0.05
79.9	0.2	509.7	0.05
80.1	0.2	509.9	0.05
80.4	0.2	510.2	0.05
80.7	0.19	510.4	0.05
80.9	0.19	510.7	0.05
81.2	0.19	511.	0.05
81.4	0.19	511.2	0.05
81.7	0.19	511.5	0.05
82.	0.19	511.7	0.05
82.2	0.19	512.	0.05
82.5	0.19	512.3	0.05
82.7	0.19	512.5	0.05
83.	0.19	512.8	0.05
83.3	0.19	513.	0.05
83.5	0.19	513.3	0.05
83.8	0.19	513.6	0.05
84.	0.19	513.8	0.05
84.3	0.18	514.1	0.05
84.6	0.18	514.3	0.05
84.8	0.18	514.6	0.05
85.1	0.18	514.9	0.05
85.3	0.18	515.1	0.05
85.6	0.18	515.4	0.05
85.9	0.18	515.6	0.05
86.1	0.18	515.9	0.05
86.4	0.18	516.2	0.05
86.6	0.18	516.4	0.05
86.9	0.18	516.7	0.05
87.2	0.18	516.9	0.05
87.4	0.18	517.2	0.05
87.7	0.17	517.5	0.05
87.9	0.18	517.7	0.05
88.2	0.17	518.	0.05
88.5	0.17	518.2	0.05
88.7	0.17	518.5	0.05
89.	0.17	518.8	0.05
89.2	0.17	519.	0.05
89.5	0.17	519.3	0.05
89.8	0.17	519.5	0.05
90.	0.17	519.8	0.05
90.3	0.17	520.1	0.05
90.5	0.17	520.3	0.05
90.8	0.17	520.6	0.05
91.1	0.17	520.8	0.05
91.3	0.16	521.1	0.05
91.6	0.16	521.4	0.05
91.8	0.16	521.6	0.05
92.1	0.16	521.9	0.05
92.4	0.16	522.1	0.05
92.6	0.16	522.4	0.05
92.9	0.16	522.7	0.05
93.1	0.16	522.9	0.05
93.4	0.16	523.2	0.05
93.7	0.16	523.4	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
93.9	0.16	523.7	0.05
94.2	0.16	524.	0.05
94.4	0.16	524.2	0.05
94.7	0.16	524.5	0.05
95.	0.15	524.7	0.05
95.2	0.16	525.	0.05
95.5	0.16	525.3	0.05
95.7	0.15	525.5	0.05
96.	0.15	525.8	0.05
96.3	0.15	526.	0.05
96.5	0.15	526.3	0.05
96.8	0.15	526.6	0.05
97.	0.15	526.8	0.05
97.3	0.15	527.1	0.05
97.6	0.15	527.3	0.05
97.8	0.15	527.6	0.05
98.1	0.15	527.9	0.05
98.3	0.15	528.1	0.05
98.6	0.15	528.4	0.05
98.9	0.14	528.6	0.05
99.1	0.15	528.9	0.05
99.4	0.15	529.2	0.05
99.6	0.15	529.4	0.05
99.9	0.14	529.7	0.05
100.2	0.15	529.9	0.05
100.4	0.15	530.2	0.05
100.7	0.14	530.5	0.05
100.9	0.14	530.7	0.05
101.2	0.14	531.	0.05
101.5	0.14	531.2	0.05
101.7	0.14	531.5	0.05
102.	0.14	531.8	0.05
102.2	0.14	532.	0.05
102.5	0.14	532.3	0.05
102.8	0.14	532.5	0.05
103.	0.14	532.8	0.05
103.3	0.14	533.1	0.05
103.5	0.14	533.3	0.05
103.8	0.14	533.6	0.05
104.1	0.14	533.8	0.05
104.3	0.14	534.1	0.05
104.6	0.14	534.4	0.05
104.8	0.14	534.6	0.04
105.1	0.13	534.9	0.05
105.4	0.14	535.1	0.05
105.6	0.14	535.4	0.05
105.9	0.13	535.7	0.05
106.1	0.13	535.9	0.05
106.4	0.14	536.2	0.05
106.7	0.13	536.4	0.05
106.9	0.13	536.7	0.05
107.2	0.13	537.	0.05
107.4	0.13	537.2	0.05
107.7	0.13	537.5	0.05
108.	0.13	537.7	0.05
108.2	0.13	538.	0.05
108.5	0.13	538.3	0.05
108.7	0.13	538.5	0.05
109.	0.13	538.8	0.05
109.3	0.13	539.	0.04
109.5	0.13	539.3	0.05
109.8	0.13	539.6	0.05
110.	0.13	539.8	0.05
110.3	0.13	540.1	0.04
110.6	0.13	540.3	0.04
110.8	0.13	540.6	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
111.1	0.13	540.9	0.04
111.3	0.13	541.1	0.04
111.6	0.13	541.4	0.04
111.9	0.13	541.6	0.05
112.1	0.13	541.9	0.05
112.4	0.13	542.2	0.04
112.6	0.13	542.4	0.04
112.9	0.13	542.7	0.04
113.2	0.13	542.9	0.04
113.4	0.13	543.2	0.04
113.7	0.12	543.5	0.04
113.9	0.13	543.7	0.05
114.2	0.13	544.	0.04
114.5	0.13	544.2	0.04
114.7	0.12	544.5	0.05
115.	0.13	544.8	0.05
115.2	0.12	545.	0.04
115.5	0.12	545.3	0.04
115.8	0.12	545.5	0.05
116.	0.12	545.8	0.04
116.3	0.12	546.1	0.04
116.5	0.12	546.3	0.04
116.8	0.12	546.6	0.05
117.1	0.12	546.8	0.05
117.3	0.12	547.1	0.05
117.6	0.12	547.4	0.05
117.8	0.12	547.6	0.05
118.1	0.12	547.9	0.05
118.4	0.12	548.1	0.05
118.6	0.12	548.4	0.04
118.9	0.12	548.7	0.05
119.1	0.12	548.9	0.05
119.4	0.12	549.2	0.05
119.7	0.12	549.4	0.04
119.9	0.12	549.7	0.05
120.2	0.12	550.	0.05
120.4	0.12	550.2	0.05
120.7	0.12	550.5	0.05
121.	0.12	550.7	0.05
121.2	0.12	551.	0.05
121.5	0.12	551.3	0.05
121.7	0.12	551.5	0.04
122.	0.12	551.8	0.05
122.3	0.12	552.	0.05
122.5	0.12	552.3	0.05
122.8	0.12	552.6	0.04
123.	0.12	552.8	0.05
123.3	0.12	553.1	0.05
123.6	0.12	553.3	0.05
123.8	0.11	553.6	0.05
124.1	0.11	553.9	0.05
124.3	0.12	554.1	0.05
124.6	0.12	554.4	0.05
124.9	0.11	554.6	0.04
125.1	0.12	554.9	0.04
125.4	0.11	555.2	0.05
125.6	0.12	555.4	0.05
125.9	0.11	555.7	0.05
126.2	0.11	555.9	0.05
126.4	0.11	556.2	0.05
126.7	0.11	556.5	0.04
126.9	0.11	556.7	0.04
127.2	0.11	557.	0.05
127.5	0.11	557.2	0.05
127.7	0.11	557.5	0.05
128.	0.11	557.8	0.04

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
128.2	0.11	558.	0.05
128.5	0.11	558.3	0.04
128.8	0.11	558.5	0.05
129.	0.11	558.8	0.05
129.3	0.11	559.1	0.05
129.5	0.11	559.3	0.05
129.8	0.11	559.6	0.05
130.1	0.11	559.8	0.05
130.3	0.11	560.1	0.05
130.6	0.11	560.4	0.05
130.8	0.11	560.6	0.04
131.1	0.11	560.9	0.04
131.4	0.11	561.1	0.05
131.6	0.11	561.4	0.05
131.9	0.11	561.7	0.05
132.1	0.11	561.9	0.05
132.4	0.11	562.2	0.05
132.7	0.11	562.4	0.05
132.9	0.11	562.7	0.05
133.2	0.1	563.	0.04
133.4	0.11	563.2	0.05
133.7	0.11	563.5	0.05
134.	0.11	563.7	0.04
134.2	0.11	564.	0.04
134.5	0.1	564.3	0.05
134.7	0.11	564.5	0.05
135.	0.11	564.8	0.05
135.3	0.1	565.	0.04
135.5	0.11	565.3	0.05
135.8	0.1	565.6	0.05
136.	0.11	565.8	0.05
136.3	0.1	566.1	0.04
136.6	0.1	566.3	0.05
136.8	0.11	566.6	0.05
137.1	0.1	566.9	0.05
137.3	0.1	567.1	0.05
137.6	0.11	567.4	0.04
137.9	0.1	567.6	0.04
138.1	0.1	567.9	0.05
138.4	0.1	568.2	0.04
138.6	0.1	568.4	0.05
138.9	0.1	568.7	0.05
139.2	0.1	568.9	0.05
139.4	0.1	569.2	0.04
139.7	0.1	569.5	0.05
139.9	0.1	569.7	0.05
140.2	0.1	570.	0.04
140.5	0.1	570.2	0.04
140.7	0.1	570.5	0.05
141.	0.1	570.8	0.05
141.2	0.1	571.	0.04
141.5	0.1	571.3	0.05
141.8	0.1	571.5	0.05
142.	0.1	571.8	0.05
142.3	0.1	572.1	0.04
142.5	0.1	572.3	0.05
142.8	0.1	572.6	0.05
143.1	0.1	572.8	0.05
143.3	0.1	573.1	0.04
143.6	0.1	573.4	0.05
143.8	0.1	573.6	0.05
144.1	0.1	573.9	0.05
144.4	0.1	574.1	0.05
144.6	0.1	574.4	0.05
144.9	0.1	574.7	0.05
145.1	0.1	574.9	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
145.4	0.1	575.2	0.05
145.7	0.1	575.4	0.05
145.9	0.1	575.7	0.05
146.2	0.1	576.	0.05
146.4	0.1	576.2	0.05
146.7	0.1	576.5	0.05
147.	0.1	576.7	0.05
147.2	0.1	577.	0.05
147.5	0.1	577.3	0.05
147.7	0.1	577.5	0.05
148.	0.1	577.8	0.05
148.3	0.1	578.	0.05
148.5	0.1	578.3	0.05
148.8	0.1	578.6	0.05
149.	0.1	578.8	0.05
149.3	0.1	579.1	0.05
149.6	0.1	579.3	0.04
149.8	0.1	579.6	0.05
150.1	0.1	579.9	0.05
150.3	0.1	580.1	0.05
150.6	0.1	580.4	0.05
150.9	0.1	580.6	0.05
151.1	0.1	580.9	0.05
151.4	0.1	581.2	0.05
151.6	0.1	581.4	0.04
151.9	0.1	581.7	0.05
152.2	0.1	581.9	0.05
152.4	0.1	582.2	0.05
152.7	0.09	582.5	0.05
152.9	0.09	582.7	0.05
153.2	0.09	583.	0.05
153.5	0.09	583.2	0.05
153.7	0.09	583.5	0.05
154.	0.09	583.8	0.05
154.2	0.09	584.	0.05
154.5	0.09	584.3	0.05
154.8	0.09	584.5	0.05
155.	0.09	584.8	0.05
155.3	0.09	585.1	0.05
155.5	0.09	585.3	0.05
155.8	0.09	585.6	0.04
156.1	0.09	585.8	0.05
156.3	0.09	586.1	0.05
156.6	0.09	586.4	0.05
156.8	0.09	586.6	0.04
157.1	0.09	586.9	0.05
157.4	0.09	587.1	0.05
157.6	0.09	587.4	0.05
157.9	0.09	587.7	0.05
158.1	0.09	587.9	0.04
158.4	0.09	588.2	0.05
158.7	0.09	588.4	0.05
158.9	0.09	588.7	0.04
159.2	0.09	589.	0.05
159.4	0.09	589.2	0.05
159.7	0.09	589.5	0.05
160.	0.09	589.7	0.04
160.2	0.09	590.	0.05
160.5	0.09	590.3	0.04
160.7	0.09	590.5	0.05
161.	0.09	590.8	0.04
161.3	0.09	591.	0.04
161.5	0.09	591.3	0.04
161.8	0.09	591.6	0.05
162.	0.09	591.8	0.04
162.3	0.09	592.1	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
162.6	0.09	592.3	0.05
162.8	0.09	592.6	0.05
163.1	0.09	592.9	0.04
163.3	0.09	593.1	0.04
163.6	0.09	593.4	0.04
163.9	0.09	593.6	0.04
164.1	0.09	593.9	0.04
164.4	0.09	594.2	0.04
164.6	0.09	594.4	0.04
164.9	0.09	594.7	0.05
165.2	0.09	594.9	0.04
165.4	0.09	595.2	0.05
165.7	0.09	595.5	0.04
165.9	0.09	595.7	0.04
166.2	0.09	596.	0.04
166.5	0.09	596.2	0.04
166.7	0.09	596.5	0.04
167.	0.09	596.8	0.04
167.2	0.09	597.	0.04
167.5	0.09	597.3	0.04
167.8	0.09	597.5	0.05
168.	0.09	597.8	0.05
168.3	0.09	598.1	0.04
168.5	0.08	598.3	0.05
168.8	0.08	598.6	0.05
169.1	0.09	598.8	0.05
169.3	0.08	599.1	0.04
169.6	0.09	599.4	0.05
169.8	0.08	599.6	0.05
170.1	0.08	599.9	0.05
170.4	0.09	600.1	0.04
170.6	0.08	600.4	0.05
170.9	0.08	600.7	0.05
171.1	0.08	600.9	0.05
171.4	0.08	601.2	0.04
171.7	0.08	601.4	0.05
171.9	0.08	601.7	0.04
172.2	0.08	602.	0.05
172.4	0.08	602.2	0.05
172.7	0.08	602.5	0.05
173.	0.08	602.7	0.05
173.2	0.08	603.	0.05
173.5	0.08	603.3	0.04
173.7	0.08	603.5	0.05
174.	0.08	603.8	0.05
174.3	0.08	604.	0.05
174.5	0.08	604.3	0.04
174.8	0.08	604.6	0.05
175.	0.08	604.8	0.04
175.3	0.08	605.1	0.05
175.6	0.08	605.3	0.04
175.8	0.08	605.6	0.05
176.1	0.08	605.9	0.05
176.3	0.08	606.1	0.04
176.6	0.08	606.4	0.04
176.9	0.08	606.6	0.04
177.1	0.08	606.9	0.05
177.4	0.08	607.2	0.04
177.6	0.08	607.4	0.04
177.9	0.08	607.7	0.04
178.2	0.08	607.9	0.04
178.4	0.08	608.2	0.05
178.7	0.08	608.5	0.04
178.9	0.08	608.7	0.04
179.2	0.08	609.	0.04
179.5	0.08	609.2	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
179.7	0.08	609.5	0.04
180.	0.08	609.8	0.04
180.2	0.08	610.	0.04
180.5	0.08	610.3	0.04
180.8	0.08	610.5	0.04
181.	0.08	610.8	0.04
181.3	0.08	611.1	0.04
181.5	0.08	611.3	0.04
181.8	0.08	611.6	0.04
182.1	0.08	611.8	0.04
182.3	0.08	612.1	0.04
182.6	0.08	612.4	0.04
182.8	0.08	612.6	0.04
183.1	0.08	612.9	0.04
183.4	0.08	613.1	0.04
183.6	0.08	613.4	0.04
183.9	0.08	613.7	0.04
184.1	0.08	613.9	0.04
184.4	0.08	614.2	0.04
184.7	0.08	614.4	0.05
184.9	0.08	614.7	0.05
185.2	0.08	615.	0.04
185.4	0.08	615.2	0.04
185.7	0.08	615.5	0.04
186.	0.08	615.7	0.04
186.2	0.08	616.	0.04
186.5	0.08	616.3	0.05
186.7	0.08	616.5	0.05
187.	0.08	616.8	0.04
187.3	0.08	617.	0.04
187.5	0.08	617.3	0.05
187.8	0.08	617.6	0.05
188.	0.08	617.8	0.04
188.3	0.08	618.1	0.05
188.6	0.08	618.3	0.05
188.8	0.08	618.6	0.04
189.1	0.08	618.9	0.05
189.3	0.07	619.1	0.05
189.6	0.08	619.4	0.05
189.9	0.08	619.6	0.05
190.1	0.08	619.9	0.04
190.4	0.08	620.2	0.05
190.6	0.08	620.4	0.04
190.9	0.08	620.7	0.05
191.2	0.08	620.9	0.04
191.4	0.07	621.2	0.04
191.7	0.08	621.5	0.05
191.9	0.08	621.7	0.05
192.2	0.08	622.	0.04
192.5	0.07	622.2	0.05
192.7	0.08	622.5	0.05
193.	0.08	622.8	0.04
193.2	0.08	623.	0.05
193.5	0.08	623.3	0.05
193.8	0.08	623.5	0.05
194.	0.08	623.8	0.05
194.3	0.08	624.1	0.05
194.5	0.08	624.3	0.05
194.8	0.07	624.6	0.05
195.1	0.08	624.8	0.05
195.3	0.08	625.1	0.05
195.6	0.07	625.4	0.05
195.8	0.08	625.6	0.05
196.1	0.07	625.9	0.05
196.4	0.07	626.1	0.05
196.6	0.08	626.4	0.04

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
196.9	0.07	626.7	0.05
197.1	0.07	626.9	0.05
197.4	0.08	627.2	0.05
197.7	0.07	627.4	0.05
197.9	0.08	627.7	0.05
198.2	0.08	628.	0.05
198.4	0.07	628.2	0.05
198.7	0.07	628.5	0.05
199.	0.07	628.7	0.05
199.2	0.07	629.	0.05
199.5	0.08	629.3	0.05
199.7	0.07	629.5	0.05
200.	0.07	629.8	0.05
200.3	0.08	630.	0.05
200.5	0.07	630.3	0.05
200.8	0.07	630.6	0.05
201.	0.07	630.8	0.05
201.3	0.07	631.1	0.05
201.6	0.07	631.3	0.05
201.8	0.07	631.6	0.05
202.1	0.07	631.9	0.05
202.3	0.07	632.1	0.05
202.6	0.07	632.4	0.05
202.9	0.07	632.6	0.05
203.1	0.07	632.9	0.05
203.4	0.07	633.2	0.05
203.6	0.07	633.4	0.05
203.9	0.07	633.7	0.05
204.2	0.07	633.9	0.05
204.4	0.07	634.2	0.05
204.7	0.07	634.5	0.05
204.9	0.07	634.7	0.05
205.2	0.07	635.	0.05
205.5	0.07	635.2	0.05
205.7	0.07	635.5	0.05
206.	0.07	635.8	0.05
206.2	0.07	636.	0.05
206.5	0.07	636.3	0.05
206.8	0.07	636.5	0.05
207.	0.07	636.8	0.05
207.3	0.07	637.1	0.05
207.5	0.07	637.3	0.05
207.8	0.07	637.6	0.05
208.1	0.07	637.8	0.05
208.3	0.07	638.1	0.05
208.6	0.07	638.4	0.05
208.8	0.07	638.6	0.05
209.1	0.07	638.9	0.05
209.4	0.07	639.1	0.05
209.6	0.07	639.4	0.05
209.9	0.07	639.7	0.05
210.1	0.07	639.9	0.05
210.4	0.07	640.2	0.05
210.7	0.07	640.4	0.05
210.9	0.07	640.7	0.05
211.2	0.07	641.	0.05
211.4	0.07	641.2	0.05
211.7	0.07	641.5	0.05
212.	0.07	641.7	0.05
212.2	0.07	642.	0.05
212.5	0.07	642.3	0.05
212.7	0.07	642.5	0.05
213.	0.07	642.8	0.05
213.3	0.07	643.	0.05
213.5	0.07	643.3	0.05
213.8	0.07	643.6	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
214.	0.07	643.8	0.04
214.3	0.07	644.1	0.05
214.6	0.07	644.3	0.05
214.8	0.07	644.6	0.05
215.1	0.07	644.9	0.05
215.3	0.07	645.1	0.05
215.6	0.07	645.4	0.05
215.9	0.07	645.6	0.05
216.1	0.07	645.9	0.05
216.4	0.07	646.2	0.05
216.6	0.07	646.4	0.05
216.9	0.07	646.7	0.05
217.2	0.07	646.9	0.05
217.4	0.07	647.2	0.05
217.7	0.07	647.5	0.05
217.9	0.07	647.7	0.05
218.2	0.07	648.	0.05
218.5	0.07	648.2	0.05
218.7	0.07	648.5	0.05
219.	0.07	648.8	0.05
219.2	0.07	649.	0.05
219.5	0.07	649.3	0.05
219.8	0.07	649.5	0.05
220.	0.07	649.8	0.05
220.3	0.07	650.1	0.05
220.5	0.07	650.3	0.05
220.8	0.07	650.6	0.05
221.1	0.07	650.8	0.05
221.3	0.07	651.1	0.05
221.6	0.07	651.4	0.05
221.8	0.07	651.6	0.05
222.1	0.06	651.9	0.05
222.4	0.07	652.1	0.05
222.6	0.07	652.4	0.05
222.9	0.07	652.7	0.05
223.1	0.07	652.9	0.05
223.4	0.07	653.2	0.05
223.7	0.07	653.4	0.05
223.9	0.07	653.7	0.05
224.2	0.07	654.	0.05
224.4	0.07	654.2	0.05
224.7	0.07	654.5	0.05
225.	0.07	654.7	0.05
225.2	0.07	655.	0.05
225.5	0.07	655.3	0.04
225.7	0.07	655.5	0.05
226.	0.07	655.8	0.05
226.3	0.07	656.	0.05
226.5	0.07	656.3	0.04
226.8	0.07	656.6	0.04
227.	0.07	656.8	0.04
227.3	0.07	657.1	0.04
227.6	0.07	657.3	0.04
227.8	0.06	657.6	0.04
228.1	0.07	657.9	0.04
228.3	0.07	658.1	0.05
228.6	0.07	658.4	0.04
228.9	0.07	658.6	0.05
229.1	0.07	658.9	0.04
229.4	0.07	659.2	0.04
229.6	0.07	659.4	0.04
229.9	0.07	659.7	0.05
230.2	0.07	659.9	0.05
230.4	0.07	660.2	0.04
230.7	0.07	660.5	0.04
230.9	0.07	660.7	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
231.2	0.07	661.	0.04
231.5	0.07	661.2	0.05
231.7	0.07	661.5	0.04
232.	0.07	661.8	0.05
232.2	0.07	662.	0.05
232.5	0.07	662.3	0.05
232.8	0.07	662.5	0.04
233.	0.07	662.8	0.04
233.3	0.07	663.1	0.05
233.5	0.07	663.3	0.04
233.8	0.07	663.6	0.04
234.1	0.06	663.8	0.04
234.3	0.07	664.1	0.04
234.6	0.07	664.4	0.04
234.8	0.07	664.6	0.04
235.1	0.06	664.9	0.04
235.4	0.07	665.1	0.04
235.6	0.06	665.4	0.04
235.9	0.07	665.7	0.04
236.1	0.06	665.9	0.04
236.4	0.07	666.2	0.04
236.7	0.07	666.4	0.04
236.9	0.06	666.7	0.04
237.2	0.06	667.	0.04
237.4	0.06	667.2	0.04
237.7	0.06	667.5	0.04
238.	0.06	667.7	0.04
238.2	0.07	668.	0.04
238.5	0.06	668.3	0.04
238.7	0.07	668.5	0.04
239.	0.07	668.8	0.04
239.3	0.06	669.	0.04
239.5	0.07	669.3	0.04
239.8	0.07	669.6	0.04
240.	0.07	669.8	0.04
240.3	0.06	670.1	0.04
240.6	0.06	670.3	0.04
240.8	0.07	670.6	0.04
241.1	0.07	670.9	0.04
241.3	0.06	671.1	0.04
241.6	0.06	671.4	0.04
241.9	0.06	671.6	0.04
242.1	0.06	671.9	0.04
242.4	0.06	672.2	0.04
242.6	0.07	672.4	0.04
242.9	0.07	672.7	0.04
243.2	0.06	672.9	0.04
243.4	0.06	673.2	0.04
243.7	0.06	673.5	0.05
243.9	0.06	673.7	0.04
244.2	0.06	674.	0.04
244.5	0.06	674.2	0.04
244.7	0.07	674.5	0.04
245.	0.06	674.8	0.04
245.2	0.06	675.	0.04
245.5	0.06	675.3	0.04
245.8	0.07	675.5	0.04
246.	0.07	675.8	0.04
246.3	0.07	676.1	0.04
246.5	0.06	676.3	0.04
246.8	0.06	676.6	0.04
247.1	0.06	676.8	0.04
247.3	0.06	677.1	0.04
247.6	0.06	677.4	0.04
247.8	0.07	677.6	0.04
248.1	0.06	677.9	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
248.4	0.06	678.1	0.04
248.6	0.06	678.4	0.04
248.9	0.06	678.7	0.04
249.1	0.06	678.9	0.04
249.4	0.06	679.2	0.04
249.7	0.06	679.4	0.04
249.9	0.06	679.7	0.04
250.2	0.06	680.	0.04
250.4	0.06	680.2	0.04
250.7	0.06	680.5	0.04
251.	0.06	680.7	0.04
251.2	0.06	681.	0.04
251.5	0.06	681.3	0.04
251.7	0.06	681.5	0.04
252.	0.06	681.8	0.04
252.3	0.06	682.	0.04
252.5	0.06	682.3	0.04
252.8	0.06	682.6	0.04
253.	0.06	682.8	0.04
253.3	0.06	683.1	0.04
253.6	0.06	683.3	0.04
253.8	0.06	683.6	0.04
254.1	0.06	683.9	0.04
254.3	0.06	684.1	0.04
254.6	0.06	684.4	0.04
254.9	0.06	684.6	0.05
255.1	0.06	684.9	0.04
255.4	0.06	685.2	0.04
255.6	0.06	685.4	0.04
255.9	0.06	685.7	0.04
256.2	0.06	685.9	0.04
256.4	0.06	686.2	0.04
256.7	0.06	686.5	0.04
256.9	0.06	686.7	0.05
257.2	0.06	687.	0.04
257.5	0.06	687.2	0.04
257.7	0.07	687.5	0.04
258.	0.07	687.8	0.04
258.2	0.06	688.	0.04
258.5	0.06	688.3	0.04
258.8	0.06	688.5	0.04
259.	0.07	688.8	0.04
259.3	0.06	689.1	0.04
259.5	0.07	689.3	0.05
259.8	0.06	689.6	0.04
260.1	0.07	689.8	0.05
260.3	0.06	690.1	0.05
260.6	0.06	690.4	0.05
260.8	0.06	690.6	0.04
261.1	0.06	690.9	0.05
261.4	0.06	691.1	0.05
261.6	0.06	691.4	0.05
261.9	0.06	691.7	0.05
262.1	0.06	691.9	0.05
262.4	0.06	692.2	0.05
262.7	0.06	692.4	0.05
262.9	0.06	692.7	0.04
263.2	0.06	693.	0.04
263.4	0.06	693.2	0.05
263.7	0.06	693.5	0.04
264.	0.07	693.7	0.05
264.2	0.06	694.	0.05
264.5	0.06	694.3	0.04
264.7	0.06	694.5	0.05
265.	0.06	694.8	0.04
265.3	0.06	695.	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
265.5	0.06	695.3	0.05
265.8	0.06	695.6	0.05
266.	0.06	695.8	0.05
266.3	0.06	696.1	0.05
266.6	0.06	696.3	0.05
266.8	0.06	696.6	0.04
267.1	0.06	696.9	0.04
267.3	0.07	697.1	0.04
267.6	0.06	697.4	0.05
267.9	0.06	697.6	0.05
268.1	0.06	697.9	0.04
268.4	0.06	698.2	0.04
268.6	0.06	698.4	0.04
268.9	0.06	698.7	0.04
269.2	0.06	698.9	0.04
269.4	0.06	699.2	0.05
269.7	0.06	699.5	0.04
269.9	0.06	699.7	0.04
270.2	0.06	700.	0.04
270.5	0.06	700.2	0.05
270.7	0.06	700.5	0.05
271.	0.06	700.8	0.04
271.2	0.06	701.	0.04
271.5	0.06	701.3	0.04
271.8	0.06	701.5	0.04
272.	0.06	701.8	0.04
272.3	0.06	702.1	0.04
272.5	0.06	702.3	0.04
272.8	0.06	702.6	0.04
273.1	0.06	702.8	0.05
273.3	0.06	703.1	0.04
273.6	0.06	703.4	0.05
273.8	0.06	703.6	0.04
274.1	0.06	703.9	0.05
274.4	0.06	704.1	0.04
274.6	0.06	704.4	0.04
274.9	0.06	704.7	0.04
275.1	0.06	704.9	0.04
275.4	0.06	705.2	0.04
275.7	0.06	705.4	0.04
275.9	0.06	705.7	0.04
276.2	0.06	706.	0.04
276.4	0.06	706.2	0.04
276.7	0.06	706.5	0.04
277.	0.06	706.7	0.05
277.2	0.06	707.	0.04
277.5	0.06	707.3	0.04
277.7	0.06	707.5	0.05
278.	0.06	707.8	0.05
278.3	0.06	708.	0.05
278.5	0.06	708.3	0.04
278.8	0.06	708.6	0.05
279.	0.06	708.8	0.05
279.3	0.06	709.1	0.04
279.6	0.06	709.3	0.04
279.8	0.06	709.6	0.05
280.1	0.06	709.9	0.05
280.3	0.06	710.1	0.04
280.6	0.06	710.4	0.04
280.9	0.06	710.6	0.04
281.1	0.06	710.9	0.05
281.4	0.06	711.2	0.05
281.6	0.06	711.4	0.05
281.9	0.06	711.7	0.05
282.2	0.06	711.9	0.04
282.4	0.06	712.2	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
282.7	0.06	712.5	0.05
282.9	0.06	712.7	0.05
283.2	0.06	713.	0.05
283.5	0.06	713.2	0.05
283.7	0.06	713.5	0.04
284.	0.06	713.8	0.04
284.2	0.06	714.	0.05
284.5	0.06	714.3	0.04
284.8	0.06	714.5	0.05
285.	0.06	714.8	0.05
285.3	0.06	715.1	0.04
285.5	0.06	715.3	0.04
285.8	0.06	715.6	0.04
286.1	0.06	715.8	0.04
286.3	0.06	716.1	0.04
286.6	0.06	716.4	0.04
286.8	0.06	716.6	0.05
287.1	0.06	716.9	0.05
287.4	0.06	717.1	0.05
287.6	0.06	717.4	0.04
287.9	0.06	717.7	0.04
288.1	0.06	717.9	0.04
288.4	0.06	718.2	0.05
288.7	0.06	718.4	0.05
288.9	0.06	718.7	0.04
289.2	0.06	719.	0.04
289.4	0.06	719.2	0.04
289.7	0.06	719.5	0.04
290.	0.06	719.7	0.04
290.2	0.06	720.	0.04
290.5	0.06	720.3	0.04
290.7	0.06	720.5	0.04
291.	0.06	720.8	0.04
291.3	0.06	721.	0.04
291.5	0.06	721.3	0.04
291.8	0.06	721.6	0.04
292.	0.06	721.8	0.04
292.3	0.06	722.1	0.04
292.6	0.06	722.3	0.04
292.8	0.06	722.6	0.04
293.1	0.06	722.9	0.04
293.3	0.06	723.1	0.04
293.6	0.06	723.4	0.04
293.9	0.06	723.6	0.04
294.1	0.06	723.9	0.04
294.4	0.06	724.2	0.04
294.6	0.06	724.4	0.04
294.9	0.06	724.7	0.04
295.2	0.06	724.9	0.04
295.4	0.06	725.2	0.04
295.7	0.06	725.5	0.04
295.9	0.06	725.7	0.04
296.2	0.06	726.	0.04
296.5	0.06	726.2	0.04
296.7	0.06	726.5	0.04
297.	0.06	726.8	0.04
297.2	0.06	727.	0.04
297.5	0.06	727.3	0.04
297.8	0.06	727.5	0.04
298.	0.06	727.8	0.04
298.3	0.06	728.1	0.05
298.5	0.06	728.3	0.04
298.8	0.06	728.6	0.04
299.1	0.06	728.8	0.04
299.3	0.06	729.1	0.04
299.6	0.06	729.4	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
299.8	0.06	729.6	0.04
300.1	0.06	729.9	0.04
300.4	0.06	730.1	0.04
300.6	0.06	730.4	0.04
300.9	0.06	730.7	0.04
301.1	0.06	730.9	0.05
301.4	0.06	731.2	0.04
301.7	0.06	731.4	0.04
301.9	0.06	731.7	0.04
302.2	0.06	732.	0.04
302.4	0.06	732.2	0.04
302.7	0.06	732.5	0.04
303.	0.06	732.7	0.05
303.2	0.06	733.	0.04
303.5	0.06	733.3	0.05
303.7	0.06	733.5	0.04
304.	0.06	733.8	0.04
304.3	0.06	734.	0.04
304.5	0.06	734.3	0.04
304.8	0.06	734.6	0.04
305.	0.06	734.8	0.04
305.3	0.06	735.1	0.04
305.6	0.06	735.3	0.04
305.8	0.06	735.6	0.04
306.1	0.06	735.9	0.04
306.3	0.05	736.1	0.04
306.6	0.06	736.4	0.04
306.9	0.06	736.6	0.04
307.1	0.06	736.9	0.04
307.4	0.06	737.2	0.04
307.6	0.05	737.4	0.04
307.9	0.05	737.7	0.04
308.2	0.05	737.9	0.04
308.4	0.05	738.2	0.04
308.7	0.06	738.5	0.05
308.9	0.05	738.7	0.04
309.2	0.05	739.	0.04
309.5	0.06	739.2	0.04
309.7	0.06	739.5	0.04
310.	0.06	739.8	0.04
310.2	0.05	740.	0.04
310.5	0.05	740.3	0.04
310.8	0.05	740.5	0.04
311.	0.06	740.8	0.04
311.3	0.05	741.1	0.04
311.5	0.06	741.3	0.04
311.8	0.05	741.6	0.04
312.1	0.05	741.8	0.04
312.3	0.05	742.1	0.05
312.6	0.06	742.4	0.04
312.8	0.06	742.6	0.04
313.1	0.05	742.9	0.04
313.4	0.05	743.1	0.04
313.6	0.05	743.4	0.04
313.9	0.05	743.7	0.04
314.1	0.05	743.9	0.05
314.4	0.05	744.2	0.04
314.7	0.05	744.4	0.04
314.9	0.05	744.7	0.05
315.2	0.05	745.	0.04
315.4	0.05	745.2	0.05
315.7	0.05	745.5	0.04
316.	0.05	745.7	0.04
316.2	0.05	746.	0.04
316.5	0.05	746.3	0.05
316.7	0.06	746.5	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
317.	0.05	746.8	0.05
317.3	0.05	747.	0.04
317.5	0.05	747.3	0.05
317.8	0.05	747.6	0.05
318.	0.05	747.8	0.05
318.3	0.05	748.1	0.05
318.6	0.05	748.3	0.04
318.8	0.05	748.6	0.05
319.1	0.05	748.9	0.05
319.3	0.05	749.1	0.04
319.6	0.05	749.4	0.04
319.9	0.05	749.6	0.04
320.1	0.05	749.9	0.04
320.4	0.05	750.2	0.04
320.6	0.05	750.4	0.05
320.9	0.05	750.7	0.04
321.2	0.05	750.9	0.04
321.4	0.05	751.2	0.04
321.7	0.05	751.5	0.05
321.9	0.05	751.7	0.04
322.2	0.05	752.	0.05
322.5	0.05	752.2	0.04
322.7	0.05	752.5	0.05
323.	0.05	752.8	0.05
323.2	0.05	753.	0.04
323.5	0.05	753.3	0.05
323.8	0.05	753.5	0.05
324.	0.05	753.8	0.05
324.3	0.05	754.1	0.05
324.5	0.05	754.3	0.05
324.8	0.05	754.6	0.05
325.1	0.05	754.8	0.05
325.3	0.05	755.1	0.05
325.6	0.05	755.4	0.04
325.8	0.05	755.6	0.05
326.1	0.05	755.9	0.04
326.4	0.05	756.1	0.05
326.6	0.05	756.4	0.05
326.9	0.05	756.7	0.05
327.1	0.05	756.9	0.05
327.4	0.05	757.2	0.05
327.7	0.05	757.4	0.04
327.9	0.05	757.7	0.04
328.2	0.05	758.	0.05
328.4	0.05	758.2	0.04
328.7	0.05	758.5	0.05
329.	0.05	758.7	0.05
329.2	0.05	759.	0.05
329.5	0.05	759.3	0.05
329.7	0.05	759.5	0.04
330.	0.05	759.8	0.05
330.3	0.05	760.	0.05
330.5	0.05	760.3	0.05
330.8	0.05	760.6	0.05
331.	0.05	760.8	0.05
331.3	0.05	761.1	0.05
331.6	0.05	761.3	0.05
331.8	0.05	761.6	0.05
332.1	0.05	761.9	0.05
332.3	0.05	762.1	0.05
332.6	0.05	762.4	0.04
332.9	0.05	762.6	0.04
333.1	0.05	762.9	0.05
333.4	0.05	763.2	0.05
333.6	0.05	763.4	0.04
333.9	0.05	763.7	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
334.2	0.05	763.9	0.05
334.4	0.05	764.2	0.05
334.7	0.05	764.5	0.04
334.9	0.05	764.7	0.04
335.2	0.05	765.	0.05
335.5	0.05	765.2	0.05
335.7	0.05	765.5	0.04
336.	0.05	765.8	0.04
336.2	0.05	766.	0.04
336.5	0.05	766.3	0.04
336.8	0.05	766.5	0.04
337.	0.05	766.8	0.04
337.3	0.05	767.1	0.05
337.5	0.05	767.3	0.04
337.8	0.05	767.6	0.04
338.1	0.05	767.8	0.04
338.3	0.05	768.1	0.05
338.6	0.05	768.4	0.05
338.8	0.05	768.6	0.05
339.1	0.05	768.9	0.04
339.4	0.05	769.1	0.04
339.6	0.05	769.4	0.04
339.9	0.05	769.7	0.05
340.1	0.05	769.9	0.04
340.4	0.05	770.2	0.04
340.7	0.05	770.4	0.04
340.9	0.05	770.7	0.04
341.2	0.05	771.	0.04
341.4	0.05	771.2	0.04
341.7	0.05	771.5	0.04
342.	0.05	771.7	0.04
342.2	0.05	772.	0.04
342.5	0.05	772.3	0.04
342.7	0.05	772.5	0.05
343.	0.05	772.8	0.04
343.3	0.05	773.	0.04
343.5	0.05	773.3	0.04
343.8	0.05	773.6	0.05
344.	0.05	773.8	0.05
344.3	0.05	774.1	0.04
344.6	0.05	774.3	0.04
344.8	0.05	774.6	0.04
345.1	0.05	774.9	0.04
345.3	0.05	775.1	0.04
345.6	0.05	775.4	0.04
345.9	0.05	775.6	0.04
346.1	0.05	775.9	0.04
346.4	0.05	776.2	0.04
346.6	0.05	776.4	0.04
346.9	0.05	776.7	0.04
347.2	0.05	776.9	0.04
347.4	0.05	777.2	0.04
347.7	0.05	777.5	0.04
347.9	0.05	777.7	0.04
348.2	0.05	778.	0.04
348.5	0.05	778.2	0.04
348.7	0.05	778.5	0.04
349.	0.05	778.8	0.04
349.2	0.05	779.	0.04
349.5	0.05	779.3	0.04
349.8	0.05	779.5	0.04
350.	0.05	779.8	0.04
350.3	0.05	780.1	0.04
350.5	0.05	780.3	0.04
350.8	0.05	780.6	0.04
351.1	0.05	780.8	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
351.3	0.05	781.1	0.04
351.6	0.05	781.4	0.04
351.8	0.05	781.6	0.04
352.1	0.05	781.9	0.04
352.4	0.05	782.1	0.04
352.6	0.05	782.4	0.04
352.9	0.05	782.7	0.04
353.1	0.05	782.9	0.04
353.4	0.05	783.2	0.04
353.7	0.05	783.4	0.04
353.9	0.05	783.7	0.04
354.2	0.05	784.	0.04
354.4	0.05	784.2	0.04
354.7	0.05	784.5	0.04
355.	0.05	784.7	0.04
355.2	0.05	785.	0.04
355.5	0.05	785.3	0.04
355.7	0.05	785.5	0.05
356.	0.05	785.8	0.04
356.3	0.05	786.	0.04
356.5	0.05	786.3	0.05
356.8	0.05	786.6	0.04
357.	0.05	786.8	0.04
357.3	0.05	787.1	0.04
357.6	0.05	787.3	0.04
357.8	0.05	787.6	0.04
358.1	0.05	787.9	0.04
358.3	0.05	788.1	0.04
358.6	0.05	788.4	0.04
358.9	0.05	788.6	0.04
359.1	0.05	788.9	0.04
359.4	0.05	789.2	0.04
359.6	0.05	789.4	0.04
359.9	0.05	789.7	0.04
360.2	0.05	789.9	0.04
360.4	0.05	790.2	0.04
360.7	0.05	790.5	0.05
360.9	0.05	790.7	0.04
361.2	0.05	791.	0.04
361.5	0.05	791.2	0.04
361.7	0.05	791.5	0.05
362.	0.05	791.8	0.04
362.2	0.05	792.	0.04
362.5	0.05	792.3	0.05
362.8	0.05	792.5	0.04
363.	0.05	792.8	0.05
363.3	0.05	793.1	0.04
363.5	0.05	793.3	0.05
363.8	0.05	793.6	0.05
364.1	0.05	793.8	0.05
364.3	0.05	794.1	0.05
364.6	0.05	794.4	0.05
364.8	0.05	794.6	0.04
365.1	0.05	794.9	0.05
365.4	0.05	795.1	0.05
365.6	0.05	795.4	0.05
365.9	0.05	795.7	0.05
366.1	0.05	795.9	0.05
366.4	0.05	796.2	0.05
366.7	0.05	796.4	0.04
366.9	0.05	796.7	0.03
367.2	0.05	797.	0.04
367.4	0.05	797.2	0.04
367.7	0.05	797.5	0.04
368.	0.05	797.7	0.05
368.2	0.05	798.	0.05

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
368.5	0.05	798.3	0.05
368.7	0.05	798.5	0.05
369.	0.05	798.8	0.05
369.3	0.05	799.	0.05
369.5	0.05	799.3	0.05
369.8	0.05	799.6	0.05
370.	0.05	799.8	0.05
370.3	0.05	800.1	0.05
370.6	0.05	800.3	0.05
370.8	0.05	800.6	0.05
371.1	0.05	800.9	0.05
371.3	0.05	801.1	0.05
371.6	0.05	801.4	0.05
371.9	0.05	801.6	0.05
372.1	0.05	801.9	0.05
372.4	0.05	802.2	0.05
372.6	0.05	802.4	0.05
372.9	0.05	802.7	0.05
373.2	0.05	802.9	0.05
373.4	0.05	803.2	0.05
373.7	0.05	803.5	0.05
373.9	0.05	803.7	0.05
374.2	0.05	804.	0.05
374.5	0.05	804.2	0.05
374.7	0.05	804.5	0.05
375.	0.05	804.8	0.05
375.2	0.05	805.	0.05
375.5	0.05	805.3	0.05
375.8	0.05	805.5	0.05
376.	0.05	805.8	0.05
376.3	0.05	806.1	0.05
376.5	0.05	806.3	0.05
376.8	0.05	806.6	0.05
377.1	0.05	806.8	0.05
377.3	0.05	807.1	0.05
377.6	0.05	807.4	0.05
377.8	0.05	807.6	0.05
378.1	0.05	807.9	0.05
378.4	0.05	808.1	0.05
378.6	0.05	808.4	0.05
378.9	0.05	808.7	0.05
379.1	0.05	808.9	0.05
379.4	0.05	809.2	0.05
379.7	0.05	809.4	0.05
379.9	0.05	809.7	0.05
380.2	0.05	810.	0.05
380.4	0.05	810.2	0.05
380.7	0.05	810.5	0.05
381.	0.05	810.7	0.05
381.2	0.05	811.	0.05
381.5	0.05	811.3	0.05
381.7	0.05	811.5	0.05
382.	0.05	811.8	0.05
382.3	0.05	812.	0.05
382.5	0.05	812.3	0.05
382.8	0.05	812.6	0.05
383.	0.05	812.8	0.06
383.3	0.05	813.1	0.05
383.6	0.05	813.3	0.05
383.8	0.05	813.6	0.05
384.1	0.05	813.9	0.05
384.3	0.05	814.1	0.05
384.6	0.05	814.4	0.05
384.9	0.05	814.6	0.05
385.1	0.05	814.9	0.05
385.4	0.05	815.2	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
385.6	0.05	815.4	0.05
385.9	0.05	815.7	0.05
386.2	0.05	815.9	0.05
386.4	0.05	816.2	0.04
386.7	0.05	816.5	0.05
386.9	0.05	816.7	0.05
387.2	0.05	817.	0.05
387.5	0.05	817.2	0.04
387.7	0.05	817.5	0.05
388.	0.05	817.8	0.05
388.2	0.05	818.	0.05
388.5	0.05	818.3	0.04
388.8	0.05	818.5	0.05
389.	0.05	818.8	0.05
389.3	0.05	819.1	0.04
389.5	0.05	819.3	0.04
389.8	0.05	819.6	0.04
390.1	0.05	819.8	0.05
390.3	0.05	820.1	0.05
390.6	0.05	820.4	0.04
390.8	0.05	820.6	0.05
391.1	0.05	820.9	0.05
391.4	0.05	821.1	0.05
391.6	0.05	821.4	0.05
391.9	0.05	821.7	0.05
392.1	0.05	821.9	0.05
392.4	0.05	822.2	0.05
392.7	0.05	822.4	0.04
392.9	0.05	822.7	0.05
393.2	0.05	823.	0.05
393.4	0.05	823.2	0.05
393.7	0.05	823.5	0.04
394.	0.05	823.7	0.05
394.2	0.05	824.	0.05
394.5	0.05	824.3	0.04
394.7	0.05	824.5	0.04
395.	0.05	824.8	0.05
395.3	0.05	825.	0.05
395.5	0.05	825.3	0.05
395.8	0.05	825.6	0.04
396.	0.05	825.8	0.05
396.3	0.05	826.1	0.05
396.6	0.05	826.3	0.05
396.8	0.05	826.6	0.04
397.1	0.05	826.9	0.05
397.3	0.05	827.1	0.05
397.6	0.05	827.4	0.05
397.9	0.05	827.6	0.04
398.1	0.05	827.9	0.04
398.4	0.05	828.2	0.05
398.6	0.05	828.4	0.05
398.9	0.05	828.7	0.05
399.2	0.05	828.9	0.05
399.4	0.05	829.2	0.05
399.7	0.05	829.5	0.05
399.9	0.05	829.7	0.04
400.2	0.05	830.	0.05
400.5	0.05	830.2	0.04
400.7	0.05	830.5	0.05
401.	0.05	830.8	0.05
401.2	0.05	831.	0.04
401.5	0.05	831.3	0.04
401.8	0.05	831.5	0.05
402.	0.05	831.8	0.04
402.3	0.05	832.1	0.05
402.5	0.05	832.3	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
402.8	0.05	832.6	0.05
403.1	0.05	832.8	0.04
403.3	0.05	833.1	0.05
403.6	0.05	833.4	0.05
403.8	0.04	833.6	0.04
404.1	0.05	833.9	0.05
404.4	0.05	834.1	0.04
404.6	0.05	834.4	0.05
404.9	0.05	834.7	0.04
405.1	0.05	834.9	0.04
405.4	0.05	835.2	0.04
405.7	0.05	835.4	0.04
405.9	0.05	835.7	0.05
406.2	0.05	836.	0.04
406.4	0.05	836.2	0.05
406.7	0.05	836.5	0.05
407.	0.05	836.7	0.05
407.2	0.05	837.	0.04
407.5	0.05	837.3	0.05
407.7	0.05	837.5	0.04
408.	0.05	837.8	0.05
408.3	0.05	838.	0.04
408.5	0.05	838.3	0.05
408.8	0.05	838.6	0.05
409.	0.05	838.8	0.05
409.3	0.05	839.1	0.04
409.6	0.05	839.3	0.05
409.8	0.05	839.6	0.05
410.1	0.05	839.9	0.05
410.3	0.05	840.1	0.04
410.6	0.05	840.4	0.04
410.9	0.05	840.6	0.05
411.1	0.05	840.9	0.05
411.4	0.05	841.2	0.04
411.6	0.05	841.4	0.05
411.9	0.05	841.7	0.04
412.2	0.05	841.9	0.05
412.4	0.05	842.2	0.04
412.7	0.05	842.5	0.05
412.9	0.05	842.7	0.05
413.2	0.05	843.	0.05
413.5	0.05	843.2	0.04
413.7	0.05	843.5	0.04
414.	0.05	843.8	0.04
414.2	0.05	844.	0.05
414.5	0.05	844.3	0.04
414.8	0.05	844.5	0.05
415.	0.05	844.8	0.05
415.3	0.04	845.1	0.05
415.5	0.05	845.3	0.04
415.8	0.05	845.6	0.05
416.1	0.05	845.8	0.04
416.3	0.05	846.1	0.05
416.6	0.05	846.4	0.04
416.8	0.05	846.6	0.05
417.1	0.05	846.9	0.05
417.4	0.04	847.1	0.05
417.6	0.05	847.4	0.04
417.9	0.05	847.7	0.05
418.1	0.05	847.9	0.04
418.4	0.05	848.2	0.04
418.7	0.05	848.4	0.04
418.9	0.05	848.7	0.05
419.2	0.05	849.	0.05
419.4	0.05	849.2	0.05
419.7	0.05	849.5	0.04

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
420.	0.05	849.7	0.04
420.2	0.05	850.	0.05
420.5	0.05	850.3	0.04
420.7	0.05	850.5	0.04
421.	0.05	850.8	0.04
421.3	0.05	851.	0.04
421.5	0.05	851.3	0.04
421.8	0.05	851.6	0.04
422.	0.05	851.8	0.05
422.3	0.04	852.1	0.04
422.6	0.05	852.3	0.04
422.8	0.05	852.6	0.04
423.1	0.05	852.9	0.04
423.3	0.05	853.1	0.04
423.6	0.05	853.4	0.04
423.9	0.05	853.6	0.04
424.1	0.05	853.9	0.05
424.4	0.05	854.2	0.04
424.6	0.05	854.4	0.05
424.9	0.05	854.7	0.04
425.2	0.05	854.9	0.05
425.4	0.05	855.2	0.05
425.7	0.05	855.5	0.04
425.9	0.05	855.7	0.04
426.2	0.05	856.	0.04
426.5	0.05	856.2	0.04
426.7	0.05	856.5	0.05
427.	0.05	856.8	0.04
427.2	0.05	857.	0.04
427.5	0.05	857.3	0.04
427.8	0.05	857.5	0.04
428.	0.05	857.8	0.04
428.3	0.05	858.1	0.04
428.5	0.05	858.3	0.04
428.8	0.05	858.6	0.05
429.1	0.05	858.8	0.04
429.3	0.05	859.1	0.04
429.6	0.05	859.4	0.04
429.8	0.05	859.6	0.04
430.1	0.05	859.9	0.04

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTSEstimated Parameters

Parameter	Estimate	
K	0.1717	ft/day
y0	0.102	ft

K = 6.057E-5 cm/sec
 T = K*b = 17.17 ft²/day (0.1846 sq. cm/sec)

Data Set: E:\SVO\JEA\JEA P1\P1 C\JEA P1 C out.aqt
 Title: JEA P 1 C Out
 Date: 02/10/26
 Time: 09:27:50

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P1 C Out

AQUIFER DATA

Saturated Thickness: 150. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: New Well

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.15 ft
 Static Water Column Height: 10.45 ft
 Casing Radius: 0.08 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 15.45 ft

No. of Observations: 510

Observation Data			
Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
0.3	0.04	62.2	0.05
0.5	0.04	62.5	0.06
0.8	0.04	62.7	0.06
1.	0.04	63.	0.06
1.3	0.04	63.2	0.05
1.5	0.04	63.4	0.05
1.8	0.04	63.7	0.05
2.	0.04	63.9	0.05
2.2	0.04	64.2	0.05
2.5	0.04	64.4	0.05
2.7	0.04	64.7	0.05
3.	0.04	64.9	0.05
3.2	0.04	65.1	0.05
3.5	0.04	65.4	0.05
3.7	0.04	65.6	0.05
3.9	0.04	65.9	0.05
4.2	0.04	66.1	0.05
4.4	0.04	66.4	0.05
4.7	0.04	66.6	0.05
4.9	0.04	66.8	0.05
5.2	0.04	67.1	0.05
5.4	0.04	67.3	0.05
5.6	0.04	67.6	0.05
5.9	0.04	67.8	0.05
6.1	0.04	68.1	0.05
6.4	0.04	68.3	0.05
6.6	0.04	68.5	0.04
6.9	0.04	68.8	0.05
7.1	0.04	69.	0.05

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
7.3	0.04	69.3	0.04
7.6	0.04	69.5	0.04
7.8	0.04	69.8	0.04
8.1	0.04	70.	0.04
8.3	0.04	70.2	0.04
8.6	0.05	70.5	0.04
8.8	0.04	70.7	0.04
9.	0.04	71.	0.04
9.3	0.04	71.2	0.04
9.5	0.04	71.5	0.04
9.8	0.04	71.7	0.04
10.	0.04	71.9	0.04
10.3	0.04	72.2	0.04
10.5	0.04	72.4	0.04
10.7	0.04	72.7	0.04
11.	0.04	72.9	0.04
11.2	0.03	73.2	0.04
11.5	0.2	73.4	0.04
11.7	1.15	73.6	0.04
12.	0.63	73.9	0.04
12.2	0.89	74.1	0.04
12.4	0.86	74.4	0.04
12.7	0.83	74.6	0.04
12.9	0.8	74.9	0.04
13.2	0.76	75.1	0.04
13.4	0.75	75.3	0.04
13.7	0.74	75.6	0.04
13.9	0.72	75.8	0.03
14.1	0.69	76.1	0.04
14.4	0.68	76.3	0.04
14.6	0.67	76.6	0.04
14.9	0.65	76.8	0.04
15.1	0.64	77.	0.03
15.4	0.62	77.3	0.03
15.6	0.61	77.5	0.04
15.8	0.6	77.8	0.03
16.1	0.58	78.	0.03
16.3	0.57	78.3	0.03
16.6	0.56	78.5	0.03
16.8	0.55	78.7	0.03
17.1	0.54	79.	0.03
17.3	0.53	79.2	0.03
17.5	0.52	79.5	0.03
17.8	0.51	79.7	0.03
18.	0.5	80.	0.03
18.3	0.49	80.2	0.03
18.5	0.48	80.4	0.03
18.8	0.47	80.7	0.03
19.	0.46	80.9	0.03
19.2	0.45	81.2	0.03
19.5	0.44	81.4	0.03
19.7	0.43	81.7	0.03
20.	0.42	81.9	0.03
20.2	0.41	82.1	0.03
20.5	0.41	82.4	0.03
20.7	0.4	82.6	0.03
20.9	0.39	82.9	0.03
21.2	0.39	83.1	0.03
21.4	0.38	83.4	0.03
21.7	0.37	83.6	0.03
21.9	0.36	83.8	0.03
22.2	0.35	84.1	0.03
22.4	0.34	84.3	0.03
22.6	0.34	84.6	0.03
22.9	0.34	84.8	0.03
23.1	0.33	85.1	0.03

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
23.4	0.33	85.3	0.03
23.6	0.31	85.5	0.03
23.9	0.3	85.8	0.03
24.1	0.3	86.	0.02
24.3	0.3	86.3	0.03
24.6	0.29	86.5	0.03
24.8	0.29	86.8	0.03
25.1	0.29	87.	0.03
25.3	0.28	87.2	0.03
25.6	0.27	87.5	0.03
25.8	0.26	87.7	0.03
26.	0.27	88.	0.03
26.3	0.26	88.2	0.03
26.5	0.25	88.5	0.03
26.8	0.25	88.7	0.03
27.	0.24	88.9	0.02
27.3	0.24	89.2	0.03
27.5	0.24	89.4	0.02
27.7	0.23	89.7	0.03
28.	0.23	89.9	0.02
28.2	0.23	90.2	0.03
28.5	0.23	90.4	0.02
28.7	0.22	90.6	0.02
29.	0.22	90.9	0.02
29.2	0.22	91.1	0.02
29.4	0.21	91.4	0.02
29.7	0.21	91.6	0.02
29.9	0.2	91.9	0.02
30.2	0.2	92.1	0.02
30.4	0.2	92.3	0.02
30.7	0.2	92.6	0.02
30.9	0.19	92.8	0.02
31.1	0.19	93.1	0.02
31.4	0.19	93.3	0.02
31.6	0.18	93.6	0.02
31.9	0.18	93.8	0.02
32.1	0.18	94.	0.02
32.4	0.18	94.3	0.02
32.6	0.17	94.5	0.02
32.8	0.17	94.8	0.02
33.1	0.17	95.	0.02
33.3	0.17	95.3	0.02
33.6	0.16	95.5	0.02
33.8	0.16	95.7	0.02
34.1	0.16	96.	0.02
34.3	0.16	96.2	0.02
34.5	0.15	96.5	0.02
34.8	0.15	96.7	0.02
35.	0.15	97.	0.02
35.3	0.15	97.2	0.02
35.5	0.15	97.4	0.02
35.8	0.15	97.7	0.02
36.	0.14	97.9	0.02
36.2	0.14	98.2	0.02
36.5	0.14	98.4	0.02
36.7	0.14	98.7	0.02
37.	0.14	98.9	0.02
37.2	0.14	99.1	0.02
37.5	0.13	99.4	0.02
37.7	0.13	99.6	0.02
37.9	0.13	99.9	0.02
38.2	0.13	100.1	0.02
38.4	0.13	100.4	0.02
38.7	0.12	100.6	0.02
38.9	0.13	100.8	0.02
39.2	0.12	101.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
39.4	0.12	101.3	0.02
39.6	0.12	101.6	0.02
39.9	0.12	101.8	0.02
40.1	0.12	102.1	0.01
40.4	0.11	102.3	0.01
40.6	0.12	102.5	0.02
40.9	0.11	102.8	0.02
41.1	0.11	103.	0.01
41.3	0.11	103.3	0.02
41.6	0.11	103.5	0.01
41.8	0.11	103.8	0.02
42.1	0.11	104.	0.01
42.3	0.11	104.2	0.01
42.6	0.11	104.5	0.01
42.8	0.11	104.7	0.02
43.	0.1	105.	0.01
43.3	0.1	105.2	0.01
43.5	0.1	105.5	0.01
43.8	0.1	105.7	0.02
44.	0.1	105.9	0.01
44.3	0.1	106.2	0.01
44.5	0.1	106.4	0.01
44.7	0.1	106.7	0.01
45.	0.1	106.9	0.01
45.2	0.09	107.2	0.02
45.5	0.1	107.4	0.01
45.7	0.09	107.6	0.01
46.	0.09	107.9	0.01
46.2	0.09	108.1	0.01
46.4	0.09	108.4	0.02
46.7	0.09	108.6	0.02
46.9	0.09	108.9	0.01
47.2	0.09	109.1	0.01
47.4	0.09	109.3	0.01
47.7	0.09	109.6	0.01
47.9	0.09	109.8	0.01
48.1	0.09	110.1	0.01
48.4	0.09	110.3	0.01
48.6	0.09	110.6	0.01
48.9	0.09	110.8	0.01
49.1	0.08	111.	0.01
49.4	0.09	111.3	0.01
49.6	0.08	111.5	0.01
49.8	0.08	111.8	0.01
50.1	0.07	112.	0.01
50.3	0.08	112.3	0.01
50.6	0.08	112.5	0.01
50.8	0.08	112.7	0.01
51.1	0.08	113.	0.01
51.3	0.08	113.2	0.01
51.5	0.08	113.5	0.01
51.8	0.08	113.7	0.01
52.	0.08	114.	0.01
52.3	0.08	114.2	0.01
52.5	0.08	114.4	0.01
52.8	0.08	114.7	0.01
53.	0.08	114.9	0.01
53.2	0.07	115.2	0.01
53.5	0.07	115.4	0.01
53.7	0.07	115.7	0.01
54.	0.07	115.9	0.01
54.2	0.07	116.1	0.01
54.5	0.07	116.4	0.01
54.7	0.07	116.6	0.01
54.9	0.07	116.9	0.01
55.2	0.07	117.1	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
55.4	0.07	117.4	0.01
55.7	0.07	117.6	0.01
55.9	0.07	117.8	0.01
56.2	0.07	118.1	0.01
56.4	0.07	118.3	0.01
56.6	0.07	118.6	0.01
56.9	0.07	118.8	0.01
57.1	0.07	119.1	0.01
57.4	0.07	119.3	0.01
57.6	0.06	119.5	0.01
57.9	0.07	119.8	0.01
58.1	0.07	120.	0.01
58.3	0.06	120.3	0.01
58.6	0.06	120.5	0.01
58.8	0.06	120.8	0.01
59.1	0.06	121.	0.01
59.3	0.06	121.2	0.01
59.6	0.06	121.5	0.01
59.8	0.06	121.7	0.01
60.	0.06	122.	0.01
60.3	0.06	122.2	0.01
60.5	0.06	122.5	0.
60.8	0.06	122.7	0.
61.	0.06	122.9	0.
61.3	0.06	123.2	0.
61.5	0.06	123.4	0.
61.7	0.06	123.7	0.
62.	0.06	123.9	0.

SOLUTION

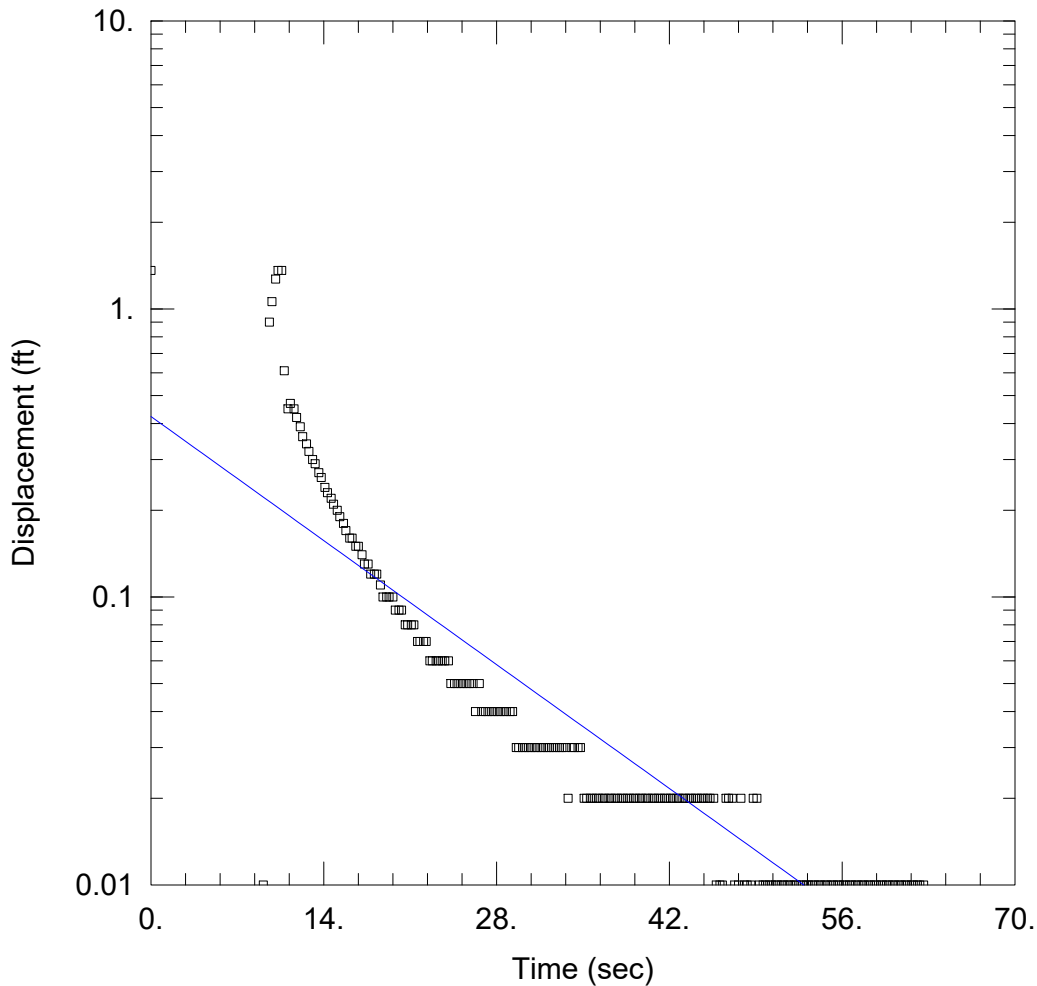
Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	3.025	ft/day
y0	0.2735	ft

K = 0.001067 cm/sec
 T = K*b = 453.7 ft²/day (4.879 sq. cm/sec)



JEA P 2 A IN

Data Set: E:\SVO\JEA\JEA P2\P2 B\P2 B in.aqt

Date: 02/10/26

Time: 11:16:56

PROJECT INFORMATION

Company: Terracon

Client: JEA

Project: EQ255176

Location: JEA Jax

Test Well: JEA P2 A IN

Test Date: 02-06-26

AQUIFER DATA

Saturated Thickness: 100. ft

Anisotropy Ratio (Kz/Kr): 1.

WELL DATA (JEA P2 A IN)

Initial Displacement: 1.36 ft

Static Water Column Height: 9.97 ft

Total Well Penetration Depth: 20.05 ft

Screen Length: 5. ft

Casing Radius: 0.086 ft

Well Radius: 0.33 ft

SOLUTION

Aquifer Model: Unconfined

Solution Method: Hvorslev

K = 9.653 ft/day

y0 = 0.4231 ft

Data Set: E:\SVO\JEA\JEA P2\P2 A\JEA P2 out.aqt
 Title: JEA P2 A Out
 Date: 02/10/26
 Time: 11:29:53

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P2 A Out

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: New Well

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 0.83 ft
 Static Water Column Height: 9.97 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 20.05 ft

No. of Observations: 479

Observation Data			
Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
0.8	0.01	59.8	0.
1.	0.01	60.	0.
1.3	0.01	60.2	0.
1.5	0.01	60.5	0.
1.8	0.01	60.7	0.
2.	0.01	61.	0.
2.3	0.01	61.2	0.
2.5	0.01	61.5	0.
2.8	0.01	61.7	0.
3.	0.01	62.	0.
3.2	0.01	62.2	0.
3.5	0.01	62.5	0.
3.7	0.01	62.7	0.
4.	0.01	63.	0.
4.2	0.01	63.2	0.
4.5	0.01	63.4	0.
4.7	0.06	63.7	0.
5.	0.48	63.9	0.
5.2	0.79	64.2	0.
5.5	0.75	64.4	0.
5.7	0.83	64.7	0.
5.9	0.72	64.9	0.
6.2	0.63	65.2	0.
6.4	0.58	65.4	0.
6.7	0.53	65.7	0.
6.9	0.49	65.9	0.
7.2	0.45	66.1	0.
7.4	0.42	66.4	0.
7.7	0.39	66.6	0.

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
7.9	0.36	66.9	0.
8.2	0.34	67.1	0.
8.4	0.32	67.4	0.
8.6	0.3	67.6	0.
8.9	0.28	67.9	0.
9.1	0.26	68.1	0.
9.4	0.25	68.4	0.
9.6	0.23	68.6	0.
9.9	0.22	68.8	0.
10.1	0.21	69.1	0.
10.4	0.2	69.3	0.
10.6	0.19	69.6	0.
10.9	0.18	69.8	0.
11.1	0.17	70.1	0.
11.4	0.16	70.3	0.
11.6	0.16	70.6	0.
11.8	0.15	70.8	0.
12.1	0.14	71.1	0.
12.3	0.14	71.3	0.
12.6	0.13	71.6	0.
12.8	0.12	71.8	0.
13.1	0.12	72.	0.
13.3	0.12	72.3	0.
13.6	0.11	72.5	0.
13.8	0.11	72.8	0.
14.1	0.1	73.	0.
14.3	0.1	73.3	0.
14.5	0.09	73.5	0.
14.8	0.09	73.8	0.
15.	0.09	74.	0.
15.3	0.08	74.3	0.
15.5	0.08	74.5	0.
15.8	0.08	74.7	0.
16.	0.08	75.	0.
16.3	0.07	75.2	0.
16.5	0.07	75.5	0.
16.8	0.07	75.7	0.
17.	0.07	76.	0.
17.2	0.06	76.2	0.
17.5	0.06	76.5	0.
17.7	0.06	76.7	0.
18.	0.06	77.	0.
18.2	0.06	77.2	0.
18.5	0.05	77.4	0.
18.7	0.05	77.7	0.
19.	0.05	77.9	0.
19.2	0.05	78.2	0.
19.5	0.05	78.4	0.
19.7	0.05	78.7	0.
20.	0.05	78.9	0.
20.2	0.04	79.2	0.
20.4	0.04	79.4	0.
20.7	0.04	79.7	0.
20.9	0.04	79.9	0.
21.2	0.04	80.2	0.
21.4	0.04	80.4	0.
21.7	0.04	80.6	0.
21.9	0.04	80.9	0.
22.2	0.04	81.1	0.
22.4	0.04	81.4	0.
22.7	0.04	81.6	0.
22.9	0.03	81.9	0.
23.1	0.03	82.1	0.
23.4	0.03	82.4	0.
23.6	0.03	82.6	0.
23.9	0.03	82.9	0.

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
24.1	0.03	83.1	0.
24.4	0.03	83.3	0.
24.6	0.03	83.6	0.
24.9	0.03	83.8	0.
25.1	0.03	84.1	0.
25.4	0.03	84.3	0.
25.6	0.03	84.6	0.
25.8	0.03	84.8	0.
26.1	0.02	85.1	0.
26.3	0.02	85.3	0.
26.6	0.02	85.6	0.
26.8	0.02	85.8	0.
27.1	0.02	86.	0.
27.3	0.02	86.3	0.
27.6	0.02	86.5	0.
27.8	0.02	86.8	0.
28.1	0.02	87.	0.
28.3	0.02	87.3	0.
28.6	0.02	87.5	0.
28.8	0.02	87.8	0.
29.	0.02	88.	0.
29.3	0.02	88.3	0.
29.5	0.01	88.5	0.
29.8	0.01	88.8	0.
30.	0.02	89.	0.
30.3	0.02	89.2	0.
30.5	0.02	89.5	0.
30.8	0.02	89.7	0.
31.	0.01	90.	0.
31.3	0.01	90.2	0.
31.5	0.01	90.5	0.
31.7	0.01	90.7	0.
32.	0.01	91.	0.
32.2	0.01	91.2	0.
32.5	0.01	91.5	0.
32.7	0.01	91.7	0.
33.	0.01	91.9	0.
33.2	0.01	92.2	0.
33.5	0.01	92.4	0.
33.7	0.01	92.7	0.
34.	0.01	92.9	0.
34.2	0.01	93.2	0.
34.4	0.01	93.4	0.
34.7	0.01	93.7	0.
34.9	0.01	93.9	0.
35.2	0.01	94.2	0.
35.4	0.01	94.4	0.
35.7	0.01	94.6	0.
35.9	0.01	94.9	0.
36.2	0.01	95.1	0.
36.4	0.01	95.4	0.
36.7	0.01	95.6	0.
36.9	0.01	95.9	0.
37.2	0.01	96.1	0.
37.4	0.01	96.4	0.
37.6	0.01	96.6	0.
37.9	0.01	96.9	0.
38.1	0.01	97.1	0.
38.4	0.01	97.4	0.
38.6	0.01	97.6	0.
38.9	0.01	97.8	0.
39.1	0.01	98.1	0.
39.4	0.01	98.3	0.
39.6	0.01	98.6	0.
39.9	0.01	98.8	0.
40.1	0.01	99.1	0.

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
40.3	0.01	99.3	0.
40.6	0.01	99.6	0.
40.8	0.01	99.8	0.
41.1	0.01	100.1	0.
41.3	0.01	100.3	0.
41.6	0.01	100.5	0.
41.8	0.	100.8	0.
42.1	0.	101.	0.
42.3	-0.01	101.3	0.
42.6	0.	101.5	0.
42.8	0.	101.8	0.
43.	-0.01	102.	0.
43.3	-0.01	102.3	0.
43.5	0.	102.5	0.01
43.8	0.01	102.8	0.
44.	0.01	103.	0.
44.3	0.01	103.2	0.
44.5	0.	103.5	0.
44.8	0.	103.7	0.
45.	0.	104.	0.
45.3	0.	104.2	0.
45.5	0.01	104.5	0.
45.8	0.	104.7	0.
46.	0.	105.	0.
46.2	0.	105.2	0.
46.5	0.	105.5	0.
46.7	0.01	105.7	0.
47.	0.	106.	0.
47.2	0.	106.2	0.
47.5	0.	106.4	0.
47.7	0.	106.7	0.
48.	0.	106.9	0.
48.2	0.	107.2	0.
48.5	0.	107.4	0.
48.7	0.	107.7	0.
48.9	0.	107.9	0.
49.2	0.	108.2	0.
49.4	0.	108.4	0.
49.7	0.	108.7	0.
49.9	0.	108.9	0.
50.2	0.	109.1	0.
50.4	0.	109.4	0.01
50.7	0.	109.6	0.
50.9	0.	109.9	0.
51.2	0.	110.1	0.
51.4	0.	110.4	0.
51.6	0.	110.6	0.
51.9	0.	110.9	0.
52.1	0.	111.1	0.
52.4	0.	111.4	0.
52.6	0.	111.6	0.
52.9	0.	111.8	0.
53.1	0.	112.1	0.
53.4	0.	112.3	0.
53.6	0.	112.6	0.
53.9	0.	112.8	0.
54.1	0.	113.1	0.
54.4	0.	113.3	0.
54.6	0.	113.6	0.
54.8	0.	113.8	0.
55.1	0.	114.1	0.
55.3	0.	114.3	0.
55.6	0.	114.6	0.
55.8	0.	114.8	0.
56.1	0.	115.	0.
56.3	0.	115.3	0.

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
56.6	0.	115.5	0.
56.8	0.	115.8	0.
57.1	0.	116.	0.
57.3	0.	116.3	0.
57.5	0.	116.5	0.
57.8	0.	116.8	0.
58.	0.	117.	0.
58.3	0.	117.3	0.
58.5	0.	117.5	0.
58.8	0.	117.7	0.
59.	0.	118.	0.
59.3	0.	118.2	0.01
59.5	0.		

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	7.29	ft/day
y0	0.08993	ft

K = 0.002572 cm/sec
 T = K*b = 729. ft²/day (7.839 sq. cm/sec)

Data Set: E:\SVO\JEA\JEA P2\P2 B\P2 B in.aqt
 Title: JEA P2 B IN
 Date: 02/10/26
 Time: 11:41:04

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P2 B in

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P2 B in

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.42 ft
 Static Water Column Height: 9.97 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 20.05 ft

No. of Observations: 826

Observation Data			
Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
0.4	0.01	100.5	0.01
0.6	0.01	100.7	0.01
0.9	0.01	101.	0.01
1.1	0.01	101.2	0.01
1.4	0.01	101.4	0.01
1.6	0.02	101.7	0.01
1.8	0.99	101.9	0.01
2.1	1.3	102.2	0.01
2.3	1.42	102.4	0.02
3.5	0.51	102.6	0.01
3.8	0.45	102.9	0.01
4.	0.42	103.1	0.01
4.2	0.39	103.4	0.01
4.5	0.37	103.6	0.01
4.7	0.35	103.8	0.01
5.	0.33	104.1	0.01
5.2	0.31	104.3	0.02
5.4	0.29	104.6	0.02
5.7	0.28	104.8	0.01
5.9	0.26	105.	0.02
6.2	0.25	105.3	0.01
6.4	0.24	105.5	0.01
6.6	0.23	105.8	0.01
6.9	0.22	106.	0.01
7.1	0.21	106.2	0.01
7.4	0.2	106.5	0.01
7.6	0.19	106.7	0.01
7.8	0.18	107.	0.02
8.1	0.17	107.2	0.01

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
8.3	0.17	107.4	0.01
8.6	0.16	107.7	0.01
8.8	0.15	107.9	0.01
9.	0.15	108.2	0.01
9.3	0.15	108.4	0.01
9.5	0.14	108.6	0.01
9.8	0.13	108.9	0.02
10.	0.13	109.1	0.02
10.2	0.12	109.4	0.01
10.5	0.12	109.6	0.01
10.7	0.12	109.8	0.02
11.	0.11	110.1	0.02
11.2	0.11	110.3	0.02
11.4	0.11	110.6	0.01
11.7	0.1	110.8	0.01
11.9	0.1	111.	0.02
12.2	0.1	111.3	0.01
12.4	0.1	111.5	0.02
12.6	0.1	111.8	0.01
12.9	0.09	112.	0.01
13.1	0.09	112.2	0.02
13.4	0.09	112.5	0.01
13.6	0.09	112.7	0.02
13.8	0.08	113.	0.01
14.1	0.08	113.2	0.01
14.3	0.08	113.4	0.02
14.6	0.08	113.7	0.02
14.8	0.07	113.9	0.02
15.	0.07	114.2	0.02
15.3	0.07	114.4	0.02
15.5	0.07	114.6	0.02
15.8	0.07	114.9	0.02
16.	0.07	115.1	0.02
16.2	0.06	115.4	0.02
16.5	0.06	115.6	0.02
16.7	0.06	115.8	0.02
17.	0.06	116.1	0.02
17.2	0.06	116.3	0.02
17.4	0.06	116.6	0.02
17.7	0.06	116.8	0.02
17.9	0.06	117.	0.02
18.2	0.06	117.3	0.02
18.4	0.06	117.5	0.02
18.6	0.05	117.8	0.01
18.9	0.06	118.	0.02
19.1	0.05	118.2	0.02
19.4	0.05	118.5	0.02
19.6	0.05	118.7	0.02
19.8	0.05	119.	0.02
20.1	0.05	119.2	0.02
20.3	0.05	119.4	0.02
20.6	0.05	119.7	0.02
20.8	0.05	119.9	0.02
21.	0.05	120.2	0.02
21.3	0.05	120.4	0.02
21.5	0.05	120.6	0.02
21.8	0.05	120.9	0.02
22.	0.05	121.1	0.02
22.2	0.05	121.4	0.02
22.5	0.05	121.6	0.02
22.7	0.05	121.8	0.02
23.	0.05	122.1	0.02
23.2	0.05	122.3	0.02
23.4	0.04	122.6	0.02
23.7	0.04	122.8	0.02
23.9	0.04	123.	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
24.2	0.04	123.3	0.02
24.4	0.04	123.5	0.02
24.6	0.04	123.8	0.02
24.9	0.04	124.	0.02
25.1	0.04	124.2	0.02
25.4	0.04	124.5	0.02
25.6	0.04	124.7	0.02
25.8	0.04	125.	0.02
26.1	0.04	125.2	0.02
26.3	0.04	125.4	0.02
26.6	0.04	125.7	0.02
26.8	0.04	125.9	0.02
27.	0.04	126.2	0.02
27.3	0.04	126.4	0.02
27.5	0.04	126.6	0.02
27.8	0.04	126.9	0.02
28.	0.04	127.1	0.02
28.2	0.04	127.4	0.02
28.5	0.04	127.6	0.02
28.7	0.04	127.8	0.02
29.	0.04	128.1	0.02
29.2	0.04	128.3	0.02
29.4	0.04	128.6	0.02
29.7	0.04	128.8	0.02
29.9	0.04	129.	0.02
30.2	0.04	129.3	0.02
30.4	0.03	129.5	0.02
30.6	0.04	129.8	0.02
30.9	0.04	130.	0.02
31.1	0.03	130.2	0.02
31.4	0.03	130.5	0.02
31.6	0.03	130.7	0.02
31.8	0.04	131.	0.02
32.1	0.04	131.2	0.02
32.3	0.03	131.4	0.02
32.6	0.03	131.7	0.02
32.8	0.03	131.9	0.02
33.	0.03	132.2	0.02
33.3	0.03	132.4	0.02
33.5	0.03	132.6	0.02
33.8	0.03	132.9	0.02
34.	0.03	133.1	0.02
34.2	0.03	133.4	0.02
34.5	0.03	133.6	0.02
34.7	0.03	133.8	0.02
35.	0.03	134.1	0.02
35.2	0.03	134.3	0.02
35.4	0.03	134.6	0.02
35.7	0.03	134.8	0.02
35.9	0.03	135.	0.02
36.2	0.03	135.3	0.02
36.4	0.03	135.5	0.02
36.6	0.03	135.8	0.02
36.9	0.03	136.	0.02
37.1	0.03	136.2	0.02
37.4	0.03	136.5	0.02
37.6	0.03	136.7	0.02
37.8	0.03	137.	0.02
38.1	0.03	137.2	0.02
38.3	0.03	137.4	0.02
38.6	0.03	137.7	0.02
38.8	0.03	137.9	0.02
39.	0.03	138.2	0.02
39.3	0.03	138.4	0.02
39.5	0.03	138.6	0.02
39.8	0.03	138.9	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
40.	0.03	139.1	0.02
40.2	0.03	139.4	0.02
40.5	0.03	139.6	0.02
40.7	0.03	139.8	0.02
41.	0.03	140.1	0.02
41.2	0.03	140.3	0.02
41.4	0.03	140.6	0.02
41.7	0.03	140.8	0.02
41.9	0.03	141.	0.02
42.2	0.03	141.3	0.02
42.4	0.03	141.5	0.02
42.6	0.03	141.8	0.02
42.9	0.03	142.	0.02
43.1	0.03	142.2	0.02
43.4	0.03	142.5	0.02
43.6	0.03	142.7	0.02
43.8	0.03	143.	0.02
44.1	0.03	143.2	0.02
44.3	0.03	143.4	0.02
44.6	0.03	143.7	0.02
44.8	0.03	143.9	0.02
45.	0.03	144.2	0.02
45.3	0.03	144.4	0.02
45.5	0.03	144.6	0.02
45.8	0.03	144.9	0.02
46.	0.03	145.1	0.02
46.2	0.03	145.4	0.02
46.5	0.03	145.6	0.01
46.7	0.03	145.8	0.02
47.	0.03	146.1	0.02
47.2	0.03	146.3	0.02
47.4	0.02	146.6	0.02
47.7	0.03	146.8	0.02
47.9	0.02	147.	0.02
48.2	0.02	147.3	0.02
48.4	0.02	147.5	0.02
48.6	0.02	147.8	0.02
48.9	0.02	148.	0.02
49.1	0.02	148.2	0.02
49.4	0.02	148.5	0.02
49.6	0.02	148.7	0.02
49.8	0.02	149.	0.02
50.1	0.02	149.2	0.02
50.3	0.02	149.4	0.01
50.6	0.02	149.7	0.02
50.8	0.02	149.9	0.02
51.	0.02	150.2	0.01
51.3	0.02	150.4	0.02
51.5	0.02	150.6	0.01
51.8	0.02	150.9	0.01
52.	0.02	151.1	0.01
52.2	0.02	151.4	0.01
52.5	0.02	151.6	0.01
52.7	0.02	151.8	0.01
53.	0.02	152.1	0.01
53.2	0.02	152.3	0.01
53.4	0.02	152.6	0.01
53.7	0.02	152.8	0.01
53.9	0.02	153.	0.01
54.2	0.02	153.3	0.01
54.4	0.02	153.5	0.01
54.6	0.02	153.8	0.01
54.9	0.02	154.	0.01
55.1	0.02	154.2	0.01
55.4	0.02	154.5	0.01
55.6	0.02	154.7	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
55.8	0.02	155.	0.01
56.1	0.02	155.2	0.01
56.3	0.02	155.4	0.01
56.6	0.02	155.7	0.01
56.8	0.02	155.9	0.01
57.	0.02	156.2	0.01
57.3	0.02	156.4	0.01
57.5	0.02	156.6	0.01
57.8	0.02	156.9	0.01
58.	0.02	157.1	0.01
58.2	0.02	157.4	0.01
58.5	0.02	157.6	0.01
58.7	0.02	157.8	0.01
59.	0.02	158.1	0.01
59.2	0.02	158.3	0.01
59.4	0.02	158.6	0.01
59.7	0.02	158.8	0.01
59.9	0.02	159.	0.01
60.2	0.02	159.3	0.01
60.4	0.02	159.5	0.01
60.6	0.02	159.8	0.01
60.9	0.02	160.	0.01
61.1	0.02	160.2	0.01
61.4	0.02	160.5	0.01
61.6	0.02	160.7	0.01
61.8	0.02	161.	0.01
62.1	0.02	161.2	0.01
62.3	0.02	161.4	0.01
62.6	0.02	161.7	0.02
62.8	0.02	161.9	0.02
63.	0.02	162.2	0.01
63.3	0.02	162.4	0.01
63.5	0.02	162.6	0.01
63.8	0.02	162.9	0.01
64.	0.02	163.1	0.02
64.2	0.02	163.4	0.01
64.5	0.02	163.6	0.01
64.7	0.02	163.8	0.02
65.	0.02	164.1	0.01
65.2	0.02	164.3	0.02
65.4	0.02	164.6	0.02
65.7	0.02	164.8	0.02
65.9	0.02	165.	0.02
66.2	0.02	165.3	0.02
66.4	0.02	165.5	0.02
66.6	0.02	165.8	0.01
66.9	0.02	166.	0.01
67.1	0.02	166.2	0.02
67.4	0.02	166.5	0.01
67.6	0.02	166.7	0.02
67.8	0.02	167.	0.02
68.1	0.02	167.2	0.02
68.3	0.02	167.4	0.01
68.6	0.02	167.7	0.02
68.8	0.02	167.9	0.02
69.	0.02	168.2	0.02
69.3	0.02	168.4	0.02
69.5	0.02	168.6	0.02
69.8	0.02	168.9	0.02
70.	0.02	169.1	0.02
70.2	0.02	169.4	0.02
70.5	0.02	169.6	0.02
70.7	0.02	169.8	0.01
71.	0.02	170.1	0.02
71.2	0.02	170.3	0.02
71.4	0.02	170.6	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
71.7	0.02	170.8	0.02
71.9	0.02	171.	0.02
72.2	0.02	171.3	0.01
72.4	0.02	171.5	0.01
72.6	0.02	171.8	0.02
72.9	0.02	172.	0.02
73.1	0.02	172.2	0.02
73.4	0.02	172.5	0.01
73.6	0.02	172.7	0.01
73.8	0.01	173.	0.01
74.1	0.02	173.2	0.01
74.3	0.01	173.4	0.02
74.6	0.02	173.7	0.02
74.8	0.02	173.9	0.02
75.	0.02	174.2	0.02
75.3	0.01	174.4	0.01
75.5	0.02	174.6	0.02
75.8	0.02	174.9	0.01
76.	0.02	175.1	0.01
76.2	0.01	175.4	0.02
76.5	0.02	175.6	0.01
76.7	0.02	175.8	0.01
77.	0.01	176.1	0.01
77.2	0.02	176.3	0.01
77.4	0.02	176.6	0.01
77.7	0.01	176.8	0.01
77.9	0.02	177.	0.01
78.2	0.02	177.3	0.01
78.4	0.02	177.5	0.01
78.6	0.01	177.8	0.01
78.9	0.01	178.	0.01
79.1	0.01	178.2	0.01
79.4	0.02	178.5	0.01
79.6	0.02	178.7	0.01
79.8	0.02	179.	0.01
80.1	0.02	179.2	0.01
80.3	0.02	179.4	0.01
80.6	0.02	179.7	0.01
80.8	0.01	179.9	0.01
81.	0.01	180.2	0.01
81.3	0.02	180.4	0.01
81.5	0.01	180.6	0.01
81.8	0.02	180.9	0.01
82.	0.02	181.1	0.01
82.2	0.01	181.4	0.01
82.5	0.01	181.6	0.01
82.7	0.02	181.8	0.01
83.	0.02	182.1	0.01
83.2	0.01	182.3	0.01
83.4	0.02	182.6	0.01
83.7	0.02	182.8	0.01
83.9	0.02	183.	0.01
84.2	0.02	183.3	0.01
84.4	0.01	183.5	0.01
84.6	0.01	183.8	0.01
84.9	0.02	184.	0.01
85.1	0.02	184.2	0.01
85.4	0.01	184.5	0.01
85.6	0.02	184.7	0.01
85.8	0.02	185.	0.01
86.1	0.01	185.2	0.01
86.3	0.01	185.4	0.01
86.6	0.01	185.7	0.01
86.8	0.01	185.9	0.01
87.	0.01	186.2	0.01
87.3	0.02	186.4	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
87.5	0.02	186.6	0.01
87.8	0.02	186.9	0.01
88.	0.02	187.1	0.02
88.2	0.01	187.4	0.01
88.5	0.01	187.6	0.01
88.7	0.02	187.8	0.01
89.	0.02	188.1	0.01
89.2	0.01	188.3	0.01
89.4	0.01	188.6	0.01
89.7	0.01	188.8	0.01
89.9	0.01	189.	0.01
90.2	0.01	189.3	0.01
90.4	0.01	189.5	0.01
90.6	0.01	189.8	0.02
90.9	0.01	190.	0.01
91.1	0.01	190.2	0.01
91.4	0.01	190.5	0.01
91.6	0.01	190.7	0.01
91.8	0.01	191.	0.01
92.1	0.01	191.2	0.01
92.3	0.01	191.4	0.01
92.6	0.02	191.7	0.01
92.8	0.01	191.9	0.01
93.	0.01	192.2	0.01
93.3	0.01	192.4	0.01
93.5	0.01	192.6	0.01
93.8	0.01	192.9	0.01
94.	0.01	193.1	0.01
94.2	0.01	193.4	0.01
94.5	0.01	193.6	0.02
94.7	0.01	193.8	0.01
95.	0.01	194.1	0.01
95.2	0.02	194.3	0.01
95.4	0.01	194.6	0.01
95.7	0.01	194.8	0.01
95.9	0.01	195.	0.01
96.2	0.02	195.3	0.01
96.4	0.01	195.5	0.01
96.6	0.01	195.8	0.01
96.9	0.01	196.	0.02
97.1	0.02	196.2	0.01
97.4	0.01	196.5	0.01
97.6	0.01	196.7	0.01
97.8	0.01	197.	0.01
98.1	0.02	197.2	0.01
98.3	0.01	197.4	0.02
98.6	0.01	197.7	0.01
98.8	0.01	197.9	0.01
99.	0.01	198.2	0.01
99.3	0.01	198.4	0.01
99.5	0.01	198.6	0.01
99.8	0.01	198.9	0.01
100.	0.01	199.1	0.01
100.2	0.01	199.4	0.01

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTSEstimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	1.581	ft/day
y0	0.05015	ft

$K = 0.0005579$ cm/sec

$T = K \cdot b = 158.1$ ft²/day (1.7 sq. cm/sec)

Data Set: E:\SVO\JEA\JEA P2\P2 B\JEA P2 b out.aqt
 Title: JEA P2 B OUT
 Date: 02/10/26
 Time: 11:48:26

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P2 B OUT

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P2 B OUT

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.16 ft
 Static Water Column Height: 9.97 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 20.05 ft

No. of Observations: 652

Time (sec)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (sec)	
0.8	0.02	92.7	0.02
1.	0.01	92.9	0.01
1.3	0.02	93.2	0.01
1.5	0.02	93.4	0.01
1.8	0.01	93.7	0.01
2.	0.02	93.9	0.02
2.3	0.01	94.2	0.02
2.5	0.02	94.4	0.01
2.8	0.01	94.6	0.01
3.	0.02	94.9	0.02
3.2	0.02	95.1	0.01
3.5	0.02	95.4	0.01
3.7	0.01	95.6	0.01
4.	0.01	95.9	0.01
4.2	0.01	96.1	0.01
4.5	0.02	96.4	0.01
4.7	0.01	96.6	0.02
5.	0.01	96.9	0.02
5.2	0.02	97.1	0.01
5.5	0.02	97.4	0.01
5.7	0.01	97.6	0.01
5.9	0.01	97.8	0.01
6.2	0.01	98.1	0.01
6.4	0.01	98.3	0.01
6.7	0.01	98.6	0.01
6.9	0.02	98.8	0.01
7.2	0.01	99.1	0.01
7.4	0.01	99.3	0.01
7.7	0.01	99.6	0.01

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
7.9	0.01	99.8	0.01
8.2	0.01	100.1	0.01
8.4	0.01	100.3	0.01
8.6	0.01	100.5	0.01
8.9	0.02	100.8	0.01
9.1	0.34	101.	0.01
9.4	1.16	101.3	0.01
10.1	0.81	101.5	0.01
10.4	0.7	101.8	0.01
10.6	0.61	102.	0.01
10.9	0.55	102.3	0.01
11.1	0.51	102.5	0.01
11.4	0.47	102.8	0.01
11.6	0.44	103.	0.01
11.8	0.4	103.2	0.01
12.1	0.38	103.5	0.01
12.3	0.35	103.7	0.01
12.6	0.33	104.	0.01
12.8	0.31	104.2	0.01
13.1	0.29	104.5	0.01
13.3	0.27	104.7	0.01
13.6	0.26	105.	0.01
13.8	0.24	105.2	0.01
14.1	0.23	105.5	0.01
14.3	0.21	105.7	0.01
14.5	0.2	106.	0.01
14.8	0.19	106.2	0.01
15.	0.18	106.4	0.01
15.3	0.17	106.7	0.01
15.5	0.16	106.9	0.01
15.8	0.16	107.2	0.01
16.	0.15	107.4	0.01
16.3	0.14	107.7	0.01
16.5	0.14	107.9	0.01
16.8	0.13	108.2	0.01
17.	0.12	108.4	0.01
17.2	0.12	108.7	0.01
17.5	0.11	108.9	0.01
17.7	0.11	109.1	0.01
18.	0.1	109.4	0.01
18.2	0.1	109.6	0.01
18.5	0.1	109.9	0.01
18.7	0.09	110.1	0.01
19.	0.09	110.4	0.01
19.2	0.08	110.6	0.01
19.5	0.08	110.9	0.01
19.7	0.08	111.1	0.01
20.	0.08	111.4	0.01
20.2	0.07	111.6	0.01
20.4	0.07	111.8	0.01
20.7	0.07	112.1	0.01
20.9	0.06	112.3	0.01
21.2	0.06	112.6	0.01
21.4	0.06	112.8	0.01
21.7	0.06	113.1	0.01
21.9	0.06	113.3	0.01
22.2	0.05	113.6	0.01
22.4	0.05	113.8	0.01
22.7	0.05	114.1	0.01
22.9	0.04	114.3	0.01
23.1	0.05	114.6	0.01
23.4	0.05	114.8	0.01
23.6	0.04	115.	0.01
23.9	0.04	115.3	0.01
24.1	0.04	115.5	0.01
24.4	0.04	115.8	0.01

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
24.6	0.04	116.	0.02
24.9	0.03	116.3	0.01
25.1	0.03	116.5	0.01
25.4	0.03	116.8	0.01
25.6	0.03	117.	0.01
25.8	0.03	117.3	0.01
26.1	0.03	117.5	0.01
26.3	0.03	117.7	0.01
26.6	0.03	118.	0.01
26.8	0.03	118.2	0.01
27.1	0.02	118.5	0.01
27.3	0.03	118.7	0.01
27.6	0.02	119.	0.01
27.8	0.03	119.2	0.01
28.1	0.02	119.5	0.01
28.3	0.02	119.7	0.01
28.6	0.02	120.	0.01
28.8	0.02	120.2	0.01
29.	0.02	120.4	0.01
29.3	0.02	120.7	0.01
29.5	0.02	120.9	0.01
29.8	0.02	121.2	0.01
30.	0.02	121.4	0.01
30.3	0.02	121.7	0.01
30.5	0.02	121.9	0.01
30.8	0.01	122.2	0.01
31.	0.01	122.4	0.01
31.3	0.01	122.7	0.01
31.5	0.01	122.9	0.01
31.7	0.01	123.2	0.01
32.	0.01	123.4	0.01
32.2	0.01	123.6	0.01
32.5	0.01	123.9	0.01
32.7	0.01	124.1	0.01
33.	0.01	124.4	0.02
33.2	0.01	124.6	0.01
33.5	0.01	124.9	0.01
33.7	0.01	125.1	0.01
34.	0.01	125.4	0.01
34.2	0.01	125.6	0.01
34.4	0.01	125.9	0.01
34.7	0.01	126.1	0.01
34.9	0.01	126.3	0.01
35.2	0.01	126.6	0.01
35.4	0.01	126.8	0.02
35.7	0.01	127.1	0.01
35.9	0.01	127.3	0.01
36.2	0.01	127.6	0.01
36.4	0.01	127.8	0.01
36.7	0.	128.1	0.01
36.9	0.01	128.3	0.01
37.2	0.01	128.6	0.01
37.4	0.01	128.8	0.01
48.9	0.	129.	0.01
49.2	0.	129.3	0.01
49.4	0.01	129.5	0.01
49.7	0.	129.8	0.01
49.9	0.	130.	0.01
50.2	0.	130.3	0.01
50.4	0.	130.5	0.01
50.7	0.	130.8	0.01
50.9	0.	131.	0.01
51.2	0.	131.3	0.01
51.4	0.	131.5	0.01
51.6	0.	131.8	0.01
51.9	0.	132.	0.01

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
52.1	0.	132.2	0.01
52.4	0.	132.5	0.01
52.6	0.	132.7	0.01
52.9	0.	133.	0.01
53.1	0.	133.2	0.01
53.4	0.01	133.5	0.01
53.6	0.01	133.7	0.01
53.9	0.	134.	0.01
54.1	0.	134.2	0.01
54.4	0.	134.5	0.01
54.6	0.	134.7	0.01
54.8	0.01	134.9	0.01
55.1	0.01	135.2	0.01
55.3	0.01	135.4	0.01
55.6	0.01	135.7	0.01
55.8	0.	135.9	0.01
56.1	0.01	136.2	0.01
56.3	0.01	136.4	0.01
56.6	0.01	136.7	0.01
56.8	0.01	136.9	0.01
57.1	0.01	137.2	0.01
57.3	0.01	137.4	0.01
57.5	0.01	137.6	0.01
57.8	0.01	137.9	0.01
58.	0.	138.1	0.01
58.3	0.01	138.4	0.01
58.5	0.01	138.6	0.01
58.8	0.01	138.9	0.01
59.	0.01	139.1	0.01
59.3	0.01	139.4	0.01
59.5	0.01	139.6	0.01
59.8	0.01	139.9	0.01
60.	0.01	140.1	0.01
60.2	0.01	140.4	0.01
60.5	0.01	140.6	0.01
60.7	0.01	140.8	0.01
61.	0.01	141.1	0.01
61.2	0.01	141.3	0.01
61.5	0.01	141.6	0.01
61.7	0.01	141.8	0.01
62.	0.01	142.1	0.01
62.2	0.01	142.3	0.01
62.5	0.01	142.6	0.01
62.7	0.01	142.8	0.01
63.	0.01	143.1	0.01
63.2	0.01	143.3	0.01
63.4	0.01	143.5	0.01
63.7	0.01	143.8	0.01
63.9	0.01	144.	0.01
64.2	0.01	144.3	0.01
64.4	0.01	144.5	0.01
64.7	0.01	144.8	0.01
64.9	0.01	145.	0.01
65.2	0.01	145.3	0.01
65.4	0.01	145.5	0.01
65.7	0.01	145.8	0.01
65.9	0.01	146.	0.01
66.1	0.01	146.2	0.01
66.4	0.01	146.5	0.01
66.6	0.01	146.7	0.01
66.9	0.01	147.	0.01
67.1	0.01	147.2	0.01
67.4	0.01	147.5	0.01
67.6	0.01	147.7	0.01
67.9	0.01	148.	0.01
68.1	0.01	148.2	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
68.4	0.01	148.5	0.01
68.6	0.01	148.7	0.01
68.8	0.01	149.	0.01
69.1	0.01	149.2	0.01
69.3	0.01	149.4	0.01
69.6	0.01	149.7	0.01
69.8	0.01	149.9	0.01
70.1	0.01	150.2	0.01
70.3	0.01	150.4	0.01
70.6	0.01	150.7	0.01
70.8	0.01	150.9	0.01
71.1	0.01	151.2	0.01
71.3	0.01	151.4	0.01
71.6	0.01	151.7	0.01
71.8	0.01	151.9	0.01
72.	0.01	152.1	0.01
72.3	0.01	152.4	0.01
72.5	0.01	152.6	0.01
72.8	0.01	152.9	0.01
73.	0.01	153.1	0.01
73.3	0.01	153.4	0.01
73.5	0.01	153.6	0.01
73.8	0.01	153.9	0.01
74.	0.01	154.1	0.01
74.3	0.01	154.4	0.01
74.5	0.01	154.6	0.01
74.7	0.01	154.8	0.01
75.	0.01	155.1	0.01
75.2	0.01	155.3	0.01
75.5	0.01	155.6	0.01
75.7	0.01	155.8	0.01
76.	0.01	156.1	0.01
76.2	0.01	156.3	0.01
76.5	0.01	156.6	0.01
76.7	0.01	156.8	0.01
77.	0.01	157.1	0.01
77.2	0.01	157.3	0.01
77.4	0.01	157.6	0.01
77.7	0.01	157.8	0.01
77.9	0.01	158.	0.01
78.2	0.01	158.3	0.01
78.4	0.01	158.5	0.01
78.7	0.01	158.8	0.01
78.9	0.01	159.	0.01
79.2	0.01	159.3	0.01
79.4	0.01	159.5	0.01
79.7	0.01	159.8	0.01
79.9	0.01	160.	0.01
80.2	0.01	160.3	0.01
80.4	0.01	160.5	0.01
80.6	0.01	160.7	0.01
80.9	0.01	161.	0.01
81.1	0.01	161.2	0.01
81.4	0.01	161.5	0.01
81.6	0.01	161.7	0.01
81.9	0.01	162.	0.01
82.1	0.01	162.2	0.01
82.4	0.01	162.5	0.01
82.6	0.01	162.7	0.01
82.9	0.01	163.	0.01
83.1	0.01	163.2	0.01
83.3	0.01	163.4	0.01
83.6	0.01	163.7	0.01
83.8	0.01	163.9	0.01
84.1	0.01	164.2	0.01
84.3	0.01	164.4	0.01

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
84.6	0.01	164.7	0.01
84.8	0.01	164.9	0.01
85.1	0.01	165.2	0.01
85.3	0.01	165.4	0.01
85.6	0.01	165.7	0.01
85.8	0.01	165.9	0.01
86.	0.01	166.2	0.01
86.3	0.02	166.4	0.01
86.5	0.01	166.6	0.01
86.8	0.01	166.9	0.01
87.	0.01	167.1	0.01
87.3	0.01	167.4	0.01
87.5	0.01	167.6	0.01
87.8	0.01	167.9	0.01
88.	0.01	168.1	0.01
88.3	0.01	168.4	0.01
88.5	0.01	168.6	0.01
88.8	0.01	168.9	0.01
89.	0.01	169.1	0.01
89.2	0.01	169.3	0.01
89.5	0.01	169.6	0.01
89.7	0.01	169.8	0.01
90.	0.02	170.1	0.01
90.2	0.02	170.3	0.01
90.5	0.02	170.6	0.01
90.7	0.02	170.8	0.01
91.	0.01	171.1	0.01
91.2	0.01	171.3	0.01
91.5	0.01	171.6	0.01
91.7	0.01	171.8	0.01
91.9	0.02	172.	0.01
92.2	0.02	172.3	0.01
92.4	0.02	172.5	0.01

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	1.236	ft/day
y0	0.0317	ft

K = 0.0004361 cm/sec
 T = K*b = 123.6 ft²/day (1.329 sq. cm/sec)

Data Set:
 Date: 02/10/26
 Time: 12:00:25

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P2 C IN

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P 2 C IN

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.56 ft
 Static Water Column Height: 9.97 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 20.05 ft

No. of Observations: 926

Time (sec)	Observation Data		Displacement (ft)
	Displacement (ft)	Time (sec)	
0.1	0.02	116.4	0.03
0.4	0.02	116.6	0.03
0.6	0.02	116.9	0.03
0.9	0.02	117.1	0.03
1.1	0.02	117.4	0.03
1.4	0.02	117.6	0.03
1.6	1.02	117.9	0.03
1.9	1.56	118.1	0.03
2.1	1.44	118.4	0.03
2.4	1.11	118.6	0.03
3.1	0.55	118.9	0.03
3.4	0.51	119.1	0.03
3.6	0.47	119.4	0.03
3.9	0.43	119.6	0.03
4.1	0.4	119.9	0.03
4.4	0.37	120.1	0.02
4.6	0.35	120.4	0.03
4.9	0.34	120.6	0.03
5.1	0.32	120.9	0.03
5.4	0.3	121.1	0.02
5.6	0.28	121.4	0.03
5.9	0.27	121.6	0.03
6.1	0.26	121.9	0.03
6.4	0.25	122.1	0.03
6.6	0.23	122.4	0.03
6.9	0.22	122.6	0.03
7.1	0.21	122.9	0.03
7.4	0.21	123.1	0.02
7.6	0.2	123.4	0.03
7.9	0.19	123.6	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
8.1	0.18	123.9	0.03
8.4	0.17	124.1	0.03
8.6	0.17	124.4	0.02
8.9	0.16	124.6	0.03
9.1	0.16	124.9	0.02
9.4	0.15	125.1	0.03
9.6	0.15	125.4	0.02
9.9	0.14	125.6	0.03
10.1	0.14	125.9	0.02
10.4	0.13	126.1	0.02
10.6	0.13	126.4	0.02
10.9	0.12	126.6	0.03
11.1	0.12	126.9	0.02
11.4	0.12	127.1	0.03
11.6	0.11	127.4	0.02
11.9	0.11	127.6	0.02
12.1	0.11	127.9	0.02
12.4	0.1	128.1	0.03
12.6	0.1	128.4	0.02
12.9	0.1	128.6	0.03
13.1	0.1	128.9	0.02
13.4	0.09	129.1	0.03
13.6	0.09	129.4	0.03
13.9	0.09	129.6	0.03
14.1	0.09	129.9	0.03
14.4	0.09	130.1	0.03
14.6	0.08	130.4	0.03
14.9	0.08	130.6	0.02
15.1	0.08	130.9	0.02
15.4	0.08	131.1	0.02
15.6	0.08	131.4	0.02
15.9	0.07	131.6	0.02
16.1	0.07	131.9	0.02
16.4	0.07	132.1	0.02
16.6	0.07	132.4	0.02
16.9	0.07	132.6	0.02
17.1	0.07	132.9	0.02
17.4	0.07	133.1	0.02
17.6	0.07	133.4	0.03
17.9	0.07	133.6	0.03
18.1	0.06	133.9	0.02
18.4	0.06	134.1	0.03
18.6	0.06	134.4	0.03
18.9	0.06	134.6	0.02
19.1	0.06	134.9	0.02
19.4	0.06	135.1	0.03
19.6	0.06	135.4	0.03
19.9	0.06	135.6	0.03
20.1	0.06	135.9	0.02
20.4	0.06	136.1	0.02
20.6	0.06	136.4	0.03
20.9	0.05	136.6	0.02
21.1	0.05	136.9	0.03
21.4	0.05	137.1	0.03
21.6	0.05	137.4	0.03
21.9	0.05	137.6	0.02
22.1	0.05	137.9	0.02
22.4	0.05	138.1	0.02
22.6	0.05	138.4	0.02
22.9	0.05	138.6	0.02
23.1	0.05	138.9	0.03
23.4	0.05	139.1	0.02
23.6	0.05	139.4	0.03
23.9	0.05	139.6	0.03
24.1	0.05	139.9	0.02
24.4	0.05	140.1	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
24.6	0.05	140.4	0.03
24.9	0.05	140.6	0.02
25.1	0.05	140.9	0.02
25.4	0.05	141.1	0.03
25.6	0.05	141.4	0.02
25.9	0.05	141.6	0.03
26.1	0.05	141.9	0.03
26.4	0.05	142.1	0.02
26.6	0.05	142.4	0.02
26.9	0.05	142.6	0.02
27.1	0.04	142.9	0.02
27.4	0.05	143.1	0.03
27.6	0.05	143.4	0.02
27.9	0.05	143.6	0.02
28.1	0.05	143.9	0.03
28.4	0.05	144.1	0.03
28.6	0.04	144.4	0.02
28.9	0.04	144.6	0.02
29.1	0.04	144.9	0.02
29.4	0.04	145.1	0.02
29.6	0.04	145.4	0.03
29.9	0.04	145.6	0.02
30.1	0.04	145.9	0.02
30.4	0.04	146.1	0.03
30.6	0.04	146.4	0.02
30.9	0.04	146.6	0.03
31.1	0.04	146.9	0.02
31.4	0.04	147.1	0.02
31.6	0.04	147.4	0.02
31.9	0.04	147.6	0.03
32.1	0.04	147.9	0.03
32.4	0.04	148.1	0.02
32.6	0.04	148.4	0.02
32.9	0.04	148.6	0.02
33.1	0.04	148.9	0.02
33.4	0.04	149.1	0.02
33.6	0.04	149.4	0.02
33.9	0.04	149.6	0.02
34.1	0.04	149.9	0.02
34.4	0.04	150.1	0.02
34.6	0.04	150.4	0.02
34.9	0.04	150.6	0.02
35.1	0.04	150.9	0.02
35.4	0.04	151.1	0.02
35.6	0.04	151.4	0.02
35.9	0.04	151.6	0.02
36.1	0.04	151.9	0.02
36.4	0.04	152.1	0.03
36.6	0.04	152.4	0.02
36.9	0.04	152.6	0.02
37.1	0.04	152.9	0.02
37.4	0.04	153.1	0.02
37.6	0.04	153.4	0.02
37.9	0.04	153.6	0.02
38.1	0.04	153.9	0.02
38.4	0.04	154.1	0.02
38.6	0.04	154.4	0.02
38.9	0.04	154.6	0.02
39.1	0.04	154.9	0.02
39.4	0.04	155.1	0.02
39.6	0.04	155.4	0.02
39.9	0.04	155.6	0.02
40.1	0.04	155.9	0.02
40.4	0.04	156.1	0.02
40.6	0.04	156.4	0.02
40.9	0.04	156.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
41.1	0.04	156.9	0.02
41.4	0.04	157.1	0.02
41.6	0.03	157.4	0.02
41.9	0.03	157.6	0.02
42.1	0.04	157.9	0.02
42.4	0.03	158.1	0.02
42.6	0.04	158.4	0.02
42.9	0.04	158.6	0.02
43.1	0.04	158.9	0.02
43.4	0.04	159.1	0.02
43.6	0.03	159.4	0.02
43.9	0.04	159.6	0.02
44.1	0.04	159.9	0.02
44.4	0.03	160.1	0.02
44.6	0.03	160.4	0.02
44.9	0.03	160.6	0.02
45.1	0.03	160.9	0.02
45.4	0.03	161.1	0.02
45.6	0.03	161.4	0.02
45.9	0.03	161.6	0.02
46.1	0.03	161.9	0.02
46.4	0.03	162.1	0.02
46.6	0.03	162.4	0.02
46.9	0.03	162.6	0.02
47.1	0.03	162.9	0.02
47.4	0.03	163.1	0.02
47.6	0.03	163.4	0.02
47.9	0.03	163.6	0.02
48.1	0.03	163.9	0.02
48.4	0.03	164.1	0.02
48.6	0.03	164.4	0.02
48.9	0.03	164.6	0.02
49.1	0.03	164.9	0.02
49.4	0.03	165.1	0.02
49.6	0.03	165.4	0.02
49.9	0.03	165.6	0.02
50.1	0.03	165.9	0.02
50.4	0.03	166.1	0.02
50.6	0.03	166.4	0.02
50.9	0.03	166.6	0.02
51.1	0.03	166.9	0.02
51.4	0.03	167.1	0.02
51.6	0.03	167.4	0.02
51.9	0.03	167.6	0.02
52.1	0.03	167.9	0.02
52.4	0.03	168.1	0.02
52.6	0.03	168.4	0.03
52.9	0.03	168.6	0.03
53.1	0.03	168.9	0.02
53.4	0.03	169.1	0.02
53.6	0.03	169.4	0.02
53.9	0.03	169.6	0.02
54.1	0.03	169.9	0.02
54.4	0.03	170.1	0.02
54.6	0.03	170.4	0.02
54.9	0.03	170.6	0.02
55.1	0.03	170.9	0.02
55.4	0.03	171.1	0.03
55.6	0.03	171.4	0.02
55.9	0.03	171.6	0.02
56.1	0.03	171.9	0.02
56.4	0.03	172.1	0.02
56.6	0.03	172.4	0.02
56.9	0.03	172.6	0.02
57.1	0.03	172.9	0.02
57.4	0.03	173.1	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
57.6	0.03	173.4	0.02
57.9	0.03	173.6	0.02
58.1	0.03	173.9	0.02
58.4	0.03	174.1	0.03
58.6	0.03	174.4	0.02
58.9	0.03	174.6	0.02
59.1	0.03	174.9	0.02
59.4	0.03	175.1	0.02
59.6	0.03	175.4	0.02
59.9	0.03	175.6	0.02
60.1	0.03	175.9	0.02
60.4	0.03	176.1	0.02
60.6	0.03	176.4	0.02
60.9	0.03	176.6	0.02
61.1	0.03	176.9	0.02
61.4	0.03	177.1	0.02
61.6	0.03	177.4	0.02
61.9	0.03	177.6	0.02
62.1	0.03	177.9	0.02
62.4	0.03	178.1	0.03
62.6	0.03	178.4	0.02
62.9	0.03	178.6	0.02
63.1	0.03	178.9	0.02
63.4	0.03	179.1	0.02
63.6	0.03	179.4	0.02
63.9	0.03	179.6	0.02
64.1	0.03	179.9	0.03
64.4	0.03	180.1	0.02
64.6	0.03	180.4	0.02
64.9	0.03	180.6	0.02
65.1	0.03	180.9	0.02
65.4	0.03	181.1	0.02
65.6	0.03	181.4	0.02
65.9	0.03	181.6	0.02
66.1	0.03	181.9	0.02
66.4	0.03	182.1	0.02
66.6	0.03	182.4	0.02
66.9	0.03	182.6	0.02
67.1	0.03	182.9	0.03
67.4	0.03	183.1	0.02
67.6	0.03	183.4	0.02
67.9	0.03	183.6	0.02
68.1	0.03	183.9	0.02
68.4	0.03	184.1	0.02
68.6	0.03	184.4	0.02
68.9	0.03	184.6	0.02
69.1	0.03	184.9	0.02
69.4	0.02	185.1	0.03
69.6	0.03	185.4	0.02
69.9	0.03	185.6	0.03
70.1	0.03	185.9	0.02
70.4	0.03	186.1	0.02
70.6	0.03	186.4	0.02
70.9	0.03	186.6	0.02
71.1	0.03	186.9	0.03
71.4	0.03	187.1	0.03
71.6	0.03	187.4	0.03
71.9	0.03	187.6	0.03
72.1	0.03	187.9	0.02
72.4	0.03	188.1	0.03
72.6	0.03	188.4	0.03
72.9	0.03	188.6	0.03
73.1	0.03	188.9	0.02
73.4	0.03	189.1	0.03
73.6	0.03	189.4	0.02
73.9	0.03	189.6	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
74.1	0.03	189.9	0.03
74.4	0.03	190.1	0.03
74.6	0.02	190.4	0.03
74.9	0.03	190.6	0.03
75.1	0.03	190.9	0.03
75.4	0.03	191.1	0.03
75.6	0.03	191.4	0.03
75.9	0.03	191.6	0.03
76.1	0.03	191.9	0.03
76.4	0.03	192.1	0.03
76.6	0.03	192.4	0.03
76.9	0.03	192.6	0.03
77.1	0.03	192.9	0.03
77.4	0.03	193.1	0.03
77.6	0.03	193.4	0.03
77.9	0.03	193.6	0.03
78.1	0.03	193.9	0.03
78.4	0.03	194.1	0.03
78.6	0.03	194.4	0.03
78.9	0.03	194.6	0.03
79.1	0.03	194.9	0.03
79.4	0.03	195.1	0.03
79.6	0.03	195.4	0.03
79.9	0.02	195.6	0.03
80.1	0.03	195.9	0.03
80.4	0.03	196.1	0.03
80.6	0.03	196.4	0.03
80.9	0.03	196.6	0.03
81.1	0.03	196.9	0.03
81.4	0.03	197.1	0.03
81.6	0.03	197.4	0.03
81.9	0.03	197.6	0.03
82.1	0.03	197.9	0.03
82.4	0.03	198.1	0.03
82.6	0.02	198.4	0.03
82.9	0.02	198.6	0.03
83.1	0.02	198.9	0.03
83.4	0.02	199.1	0.03
83.6	0.03	199.4	0.03
83.9	0.03	199.6	0.03
84.1	0.03	199.9	0.03
84.4	0.03	200.1	0.03
84.6	0.03	200.4	0.03
84.9	0.03	200.6	0.03
85.1	0.02	200.9	0.03
85.4	0.03	201.1	0.03
85.6	0.03	201.4	0.03
85.9	0.03	201.6	0.03
86.1	0.03	201.9	0.03
86.4	0.03	202.1	0.03
86.6	0.02	202.4	0.03
86.9	0.03	202.6	0.03
87.1	0.03	202.9	0.03
87.4	0.03	203.1	0.03
87.6	0.02	203.4	0.03
87.9	0.03	203.6	0.03
88.1	0.03	203.9	0.03
88.4	0.03	204.1	0.03
88.6	0.03	204.4	0.03
88.9	0.03	204.6	0.03
89.1	0.03	204.9	0.03
89.4	0.03	205.1	0.03
89.6	0.03	205.4	0.03
89.9	0.03	205.6	0.03
90.1	0.03	205.9	0.03
90.4	0.03	206.1	0.03

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
90.6	0.03	206.4	0.03
90.9	0.03	206.6	0.03
91.1	0.03	206.9	0.03
91.4	0.03	207.1	0.03
91.6	0.03	207.4	0.03
91.9	0.03	207.6	0.03
92.1	0.03	207.9	0.03
92.4	0.03	208.1	0.03
92.6	0.03	208.4	0.03
92.9	0.03	208.6	0.03
93.1	0.03	208.9	0.03
93.4	0.03	209.1	0.03
93.6	0.03	209.4	0.03
93.9	0.03	209.6	0.03
94.1	0.03	209.9	0.03
94.4	0.03	210.1	0.03
94.6	0.03	210.4	0.03
94.9	0.03	210.6	0.03
95.1	0.03	210.9	0.03
95.4	0.03	211.1	0.03
95.6	0.03	211.4	0.03
95.9	0.03	211.6	0.03
96.1	0.03	211.9	0.03
96.4	0.03	212.1	0.03
96.6	0.03	212.4	0.03
96.9	0.03	212.6	0.03
97.1	0.03	212.9	0.03
97.4	0.03	213.1	0.03
97.6	0.03	213.4	0.03
97.9	0.03	213.6	0.03
98.1	0.03	213.9	0.03
98.4	0.03	214.1	0.03
98.6	0.03	214.4	0.03
98.9	0.03	214.6	0.03
99.1	0.03	214.9	0.03
99.4	0.03	215.1	0.03
99.6	0.03	215.4	0.03
99.9	0.03	215.6	0.03
100.1	0.03	215.9	0.03
100.4	0.03	216.1	0.03
100.6	0.03	216.4	0.03
100.9	0.03	216.6	0.03
101.1	0.03	216.9	0.03
101.4	0.03	217.1	0.03
101.6	0.03	217.4	0.03
101.9	0.03	217.6	0.03
102.1	0.03	217.9	0.03
102.4	0.03	218.1	0.03
102.6	0.03	218.4	0.03
102.9	0.03	218.6	0.03
103.1	0.03	218.9	0.03
103.4	0.03	219.1	0.03
103.6	0.02	219.4	0.03
103.9	0.03	219.6	0.03
104.1	0.02	219.9	0.03
104.4	0.03	220.1	0.03
104.6	0.03	220.4	0.03
104.9	0.03	220.6	0.02
105.1	0.03	220.9	0.02
105.4	0.03	221.1	0.03
105.6	0.03	221.4	0.02
105.9	0.03	221.6	0.03
106.1	0.03	221.9	0.03
106.4	0.03	222.1	0.02
106.6	0.03	222.4	0.02
106.9	0.03	222.6	0.02

<u>Time (sec)</u>	<u>Displacement (ft)</u>	<u>Time (sec)</u>	<u>Displacement (ft)</u>
107.1	0.03	222.9	0.02
107.4	0.03	223.1	0.02
107.6	0.03	223.4	0.02
107.9	0.03	223.6	0.02
108.1	0.02	223.9	0.02
108.4	0.03	224.1	0.02
108.6	0.03	224.4	0.02
108.9	0.03	224.6	0.02
109.1	0.02	224.9	0.02
109.4	0.03	225.1	0.02
109.6	0.02	225.4	0.02
109.9	0.03	225.6	0.02
110.1	0.03	225.9	0.02
110.4	0.03	226.1	0.02
110.6	0.03	226.4	0.02
110.9	0.03	226.6	0.02
111.1	0.03	226.9	0.02
111.4	0.03	227.1	0.02
111.6	0.02	227.4	0.02
111.9	0.03	227.6	0.02
112.1	0.03	227.9	0.02
112.4	0.03	228.1	0.03
112.6	0.03	228.4	0.02
112.9	0.03	228.6	0.02
113.1	0.03	228.9	0.02
113.4	0.03	229.1	0.02
113.6	0.03	229.4	0.02
113.9	0.03	229.6	0.02
114.1	0.03	229.9	0.02
114.4	0.03	230.1	0.02
114.6	0.03	230.4	0.02
114.9	0.03	230.6	0.02
115.1	0.03	230.9	0.03
115.4	0.03	231.1	0.02
115.6	0.03	231.4	0.02
115.9	0.03	231.6	0.02
116.1	0.03	231.9	0.02

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

<u>Parameter</u>	<u>Estimate</u>	
K	0.6702	ft/day
y0	0.05553	ft

K = 0.0002364 cm/sec
 T = K*b = 67.02 ft²/day (0.7207 sq. cm/sec)

Data Set: E:\SVO\JEA\JEA P2\P2 C\JEA P2 C out. aqt.aqt
 Title: JEA P2 C OUT
 Date: 02/10/26
 Time: 12:10:28

PROJECT INFORMATION

Company: Terracon
 Client: JEA
 Project: EQ255176
 Location: JEA Jax
 Test Date: 02-06-26
 Test Well: JEA P2 C OUT

AQUIFER DATA

Saturated Thickness: 100. ft
 Anisotropy Ratio (Kz/Kr): 1.

SLUG TEST WELL DATA

Test Well: JEA P2 C OUT

X Location: 0. ft
 Y Location: 0. ft

Initial Displacement: 1.24 ft
 Static Water Column Height: 9.97 ft
 Casing Radius: 0.086 ft
 Well Radius: 0.33 ft
 Well Skin Radius: 0.33 ft
 Screen Length: 5. ft
 Total Well Penetration Depth: 20.05 ft

No. of Observations: 139

Observation Data			
Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
0.	0.03	18.	0.08
0.3	0.03	18.3	0.07
0.5	0.03	18.5	0.07
0.8	0.03	18.8	0.06
1.	0.03	19.	0.06
1.3	0.03	19.3	0.06
1.5	0.02	19.5	0.05
1.8	0.03	19.8	0.06
2.	0.03	20.	0.05
2.3	0.03	20.3	0.05
2.5	0.03	20.5	0.05
2.8	0.03	20.8	0.04
3.	0.03	21.	0.04
3.3	0.03	21.3	0.04
3.5	0.03	21.5	0.04
3.8	0.03	21.8	0.04
4.	0.03	22.	0.03
4.3	0.03	22.3	0.03
4.5	0.03	22.5	0.03
4.8	0.03	22.8	0.03
5.	0.03	23.	0.03
5.3	0.03	23.3	0.03
5.5	0.02	23.5	0.03
5.8	0.03	23.8	0.03
6.	0.03	24.	0.02
6.3	0.03	24.3	0.02
6.5	0.03	24.5	0.02
6.8	0.02	24.8	0.02
7.	0.02	25.	0.02

Time (sec)	Displacement (ft)	Time (sec)	Displacement (ft)
7.3	0.03	25.3	0.02
7.5	0.03	25.5	0.02
7.8	0.02	25.8	0.02
8.	0.24	26.	0.02
8.3	1.24	26.3	0.01
9.	0.78	26.5	0.01
9.3	0.68	26.8	0.01
9.5	0.6	27.	0.01
9.8	0.54	27.3	0.01
10.	0.5	27.5	0.01
10.3	0.46	27.8	0.01
10.5	0.42	28.	0.01
10.8	0.39	28.3	0.01
11.	0.36	28.5	0.01
11.3	0.34	28.8	0.01
11.5	0.31	29.	0.01
11.8	0.29	29.3	0.01
12.	0.27	29.5	0.01
12.3	0.26	29.8	0.
12.5	0.24	30.	0.
12.8	0.23	30.3	0.
13.	0.21	30.5	0.
13.3	0.2	30.8	0.
13.5	0.19	31.	0.
13.8	0.18	31.3	0.
14.	0.17	31.5	0.
14.3	0.16	31.8	0.
14.5	0.15	32.	0.
14.8	0.15	32.3	0.
15.	0.14	32.5	0.
15.3	0.13	32.8	0.
15.5	0.12	33.	0.
15.8	0.12	33.3	0.
16.	0.11	33.5	0.
16.3	0.11	33.8	0.
16.5	0.1	34.	0.
16.8	0.1	34.3	0.
17.	0.09	34.5	0.
17.3	0.09	34.8	0.
17.5	0.08	35.	0.
17.8	0.08		

SOLUTION

Slug Test
 Aquifer Model: Unconfined
 Solution Method: Hvorslev
 Log Factor: 0.3673

VISUAL ESTIMATION RESULTS

Estimated Parameters

Parameter	Estimate	
K	5.954	ft/day
y0	0.09906	ft

K = 0.0021 cm/sec
 T = K*b = 595.4 ft²/day (6.402 sq. cm/sec)