

Cone Penetration Test Summary and Standard Cone Penetration Test Plots



Job No: 22-56-23878
Client: Fugro
Project: Laney College CUP Building
Start Date: 23-Mar-2022
End Date: 23-Mar-2022

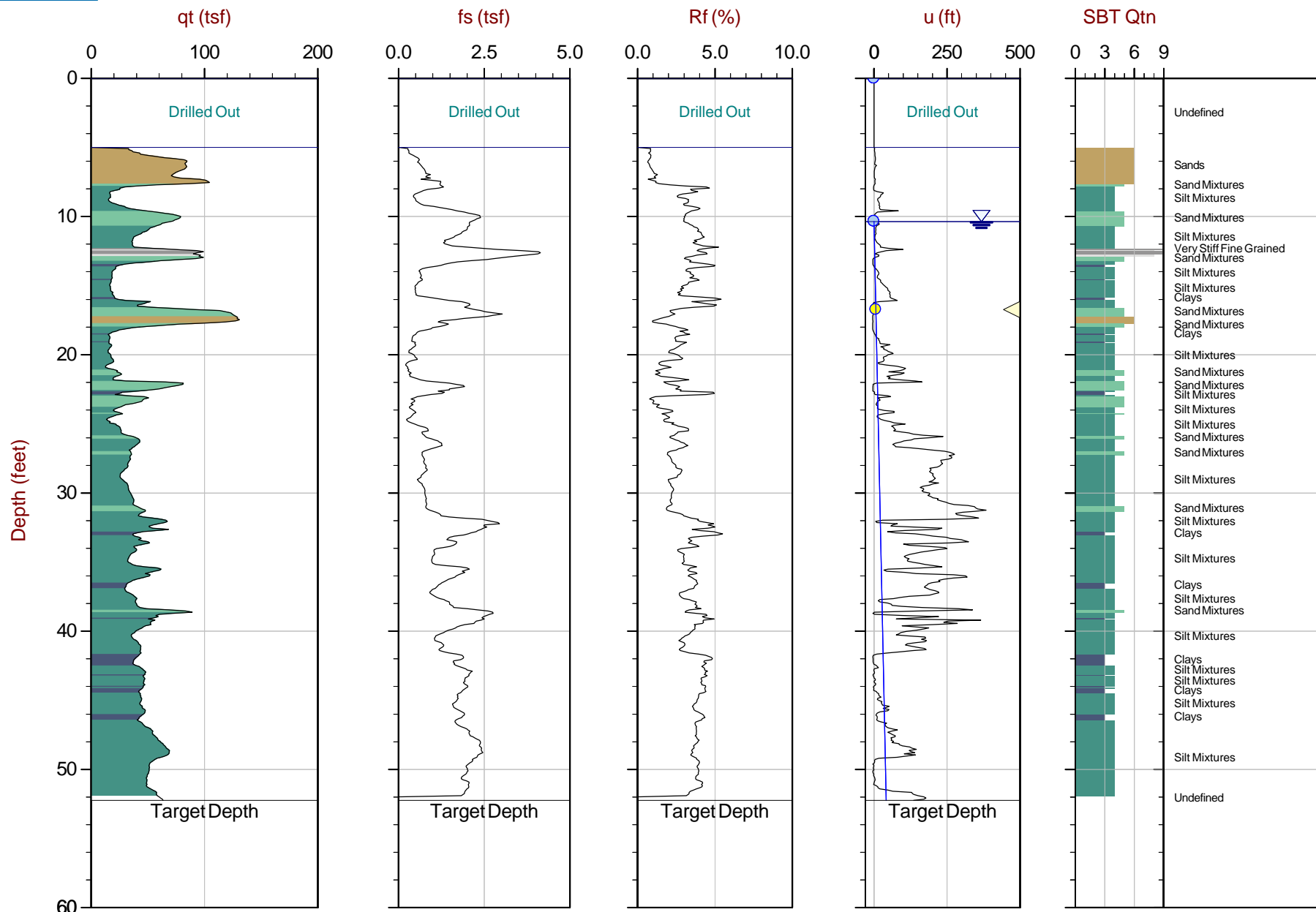
CONE PENETRATION TEST SUMMARY

Sounding ID	File Name	Date	Cone	Cone Area (cm ²)	Assumed Phreatic Surface ¹ (ft)	Final Depth (ft)	Northing ² (m)	Easting ² (m)	Refer to Notation Number
CPT22-12	22-56-23878_CP12	23-Mar-2022	813:T1500F15U35	15	10.4	52.25	4183401	564832	
CPT22-13	22-56-23878_CP13	23-Mar-2022	813:T1500F15U35	15	10.0	52.17	4183397	564847	3
CPT22-14	22-56-23878_CP14	23-Mar-2022	813:T1500F15U35	15	11.7	52.00	4183385	564855	
CPT22-15	22-56-23878_CP15	23-Mar-2022	813:T1500F15U35	15	10.0	35.76	4183376	564888	3

1. The assumed phreatic surface was based on pore pressure dissipation tests, unless otherwise noted. Hydrostatic conditions were assumed for the calculated parameters.

2. The coordinates were collected using consumer grade GPS equipment. EPSG number: 32610 (WGS84 / UTM Zone 10 North).

3. The assumed phreatic surface was based on the dynamic pore pressure response and the adjacent soundings.



Max Depth: 15.925 m / 52.25 ft

Depth Inc: 0.025 m / 0.082 ft

Avg Int: Every Point

Overplot Item: ● Ueq ● Assumed Ueq

File: 22-56-23878 CP12.COR

Unit Wt: SBTQtn (PKR2009)

SBT: Robertson, 2009 and 2010

Coords: [UTM 10N N: 4183401m E: 564832m](#)

Overplot Item: ● Ueq ● Assumed Ueq ◀ Dissipation, Ueq achieved ◀ Dissipation, Ueq not achieved ◀ Dissipation, Ueq assumed — Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.



Fugro

Job No: 22-56-23878

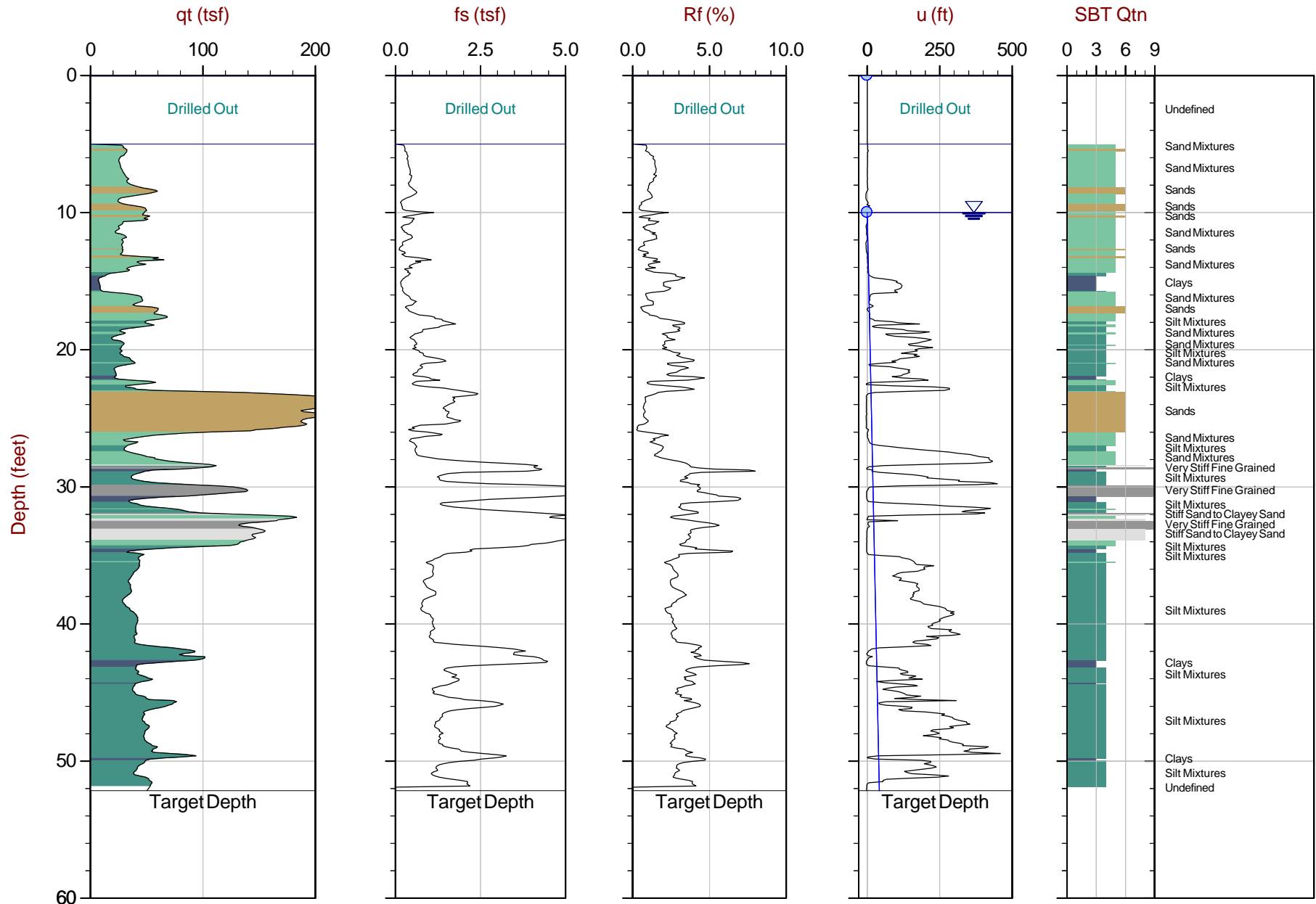
Date: 2022-03-23 15:36

Site: Laney College CUP Building

Sounding: CPT22-13

Cone: 813:T1500F15U35

Area: 15cm2



Max Depth: 15.900 m / 52.16 ft

Depth Inc: 0.025 m / 0.082 ft

Avg Int: Every Point

File: 22-56-23878_CP13.COR

Unit Wt: SBTQtn(PKR2009)

SBT: Robertson, 2009 and 2010

Coords: UTM 10N N: 4183397m E: 564847m

Overplot Item: ● Ueq ● Assumed Ueq ▲ Dissipation, Ueq achieved ▲ Dissipation, Ueq not achieved ▲ Dissipation, Ueq assumed — Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.



Fugro

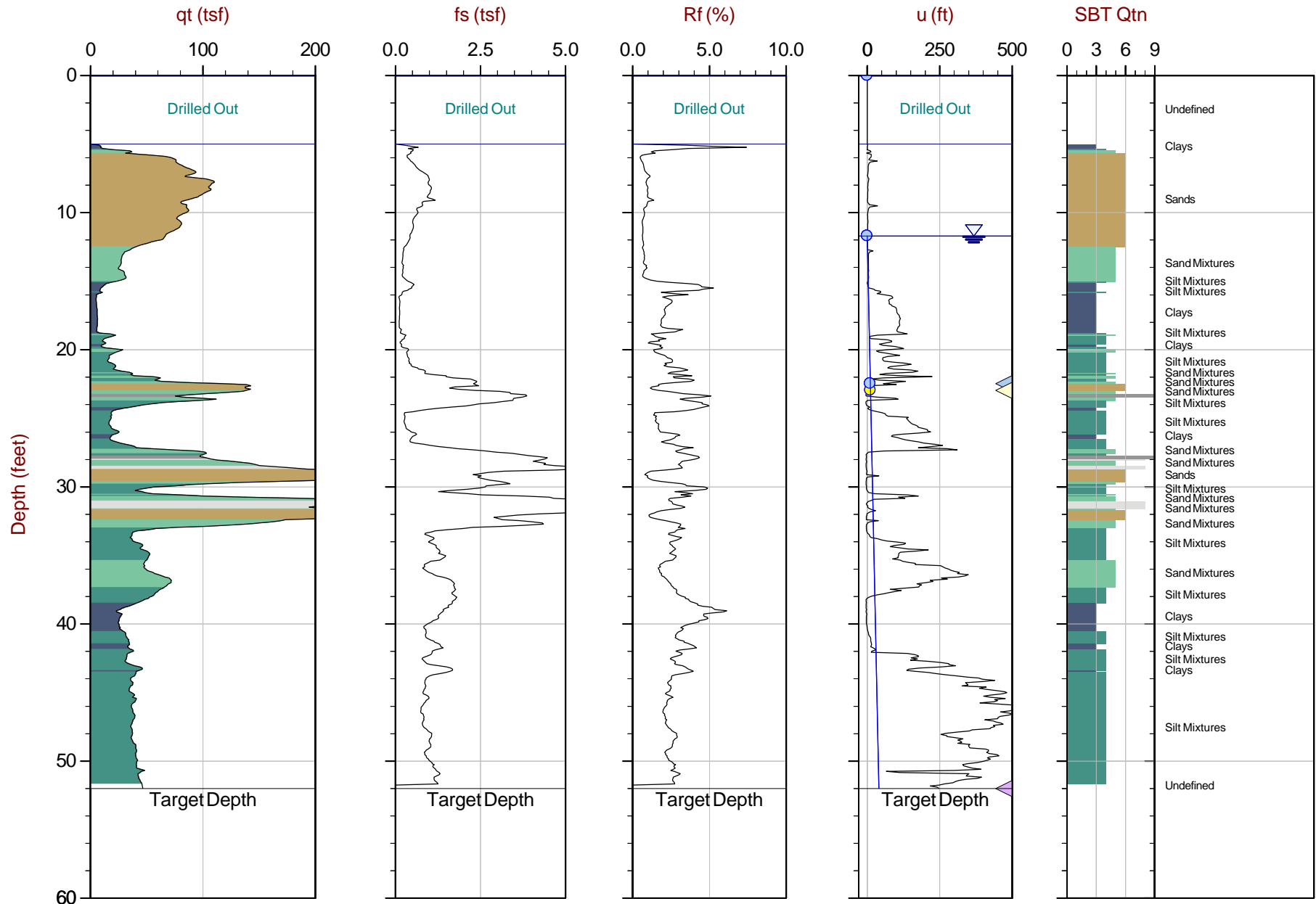
Job No: 22-56-23878

Date: 2022-03-23 09:55

Site: Laney College CUP Building

Sounding: CPT22-14

Cone: 813:T1500F15U35 Area: 15cm2



Max Depth: 15.850 m / 52.00 ft

Depth Inc: 0.025 m / 0.082 ft

Avg Int: Every Point

File: 22-56-23878_CP14.COR

Unit Wt: SBTQtn(PKR2009)

SBT: Robertson, 2009 and 2010

Coords: UTM 10N N: 4183385m E: 564855m

Overplot Item: ● Ueq ● Assumed Ueq ▲ Dissipation, Ueq achieved ▼ Dissipation, Ueq not achieved ◀ Dissipation, Ueq assumed — Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.



Fugro

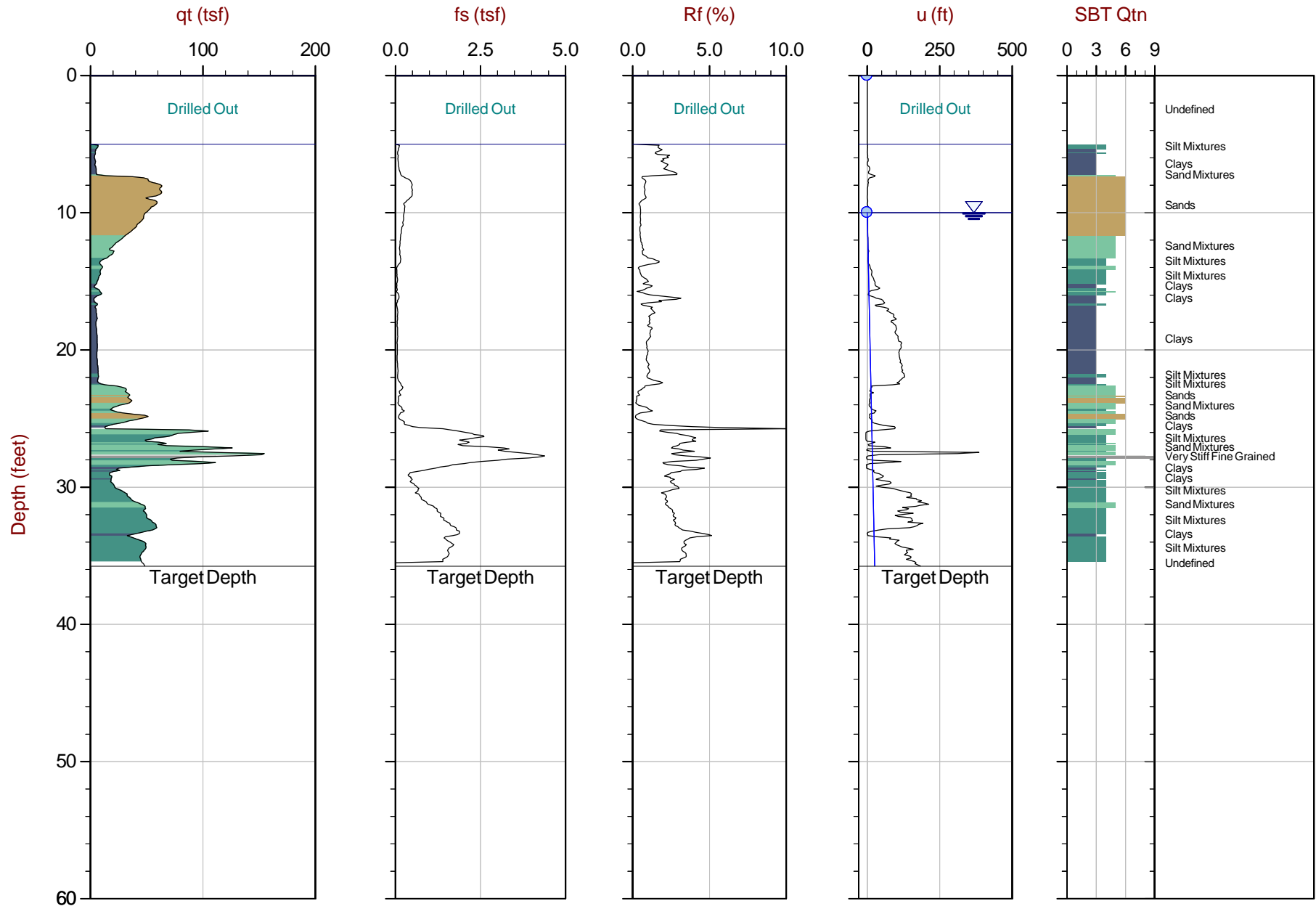
Job No: 22-56-23878

Date: 2022-03-23 13:19

Site: Laney College CUP Building

Sounding: CPT22-15

Cone: 813:T1500F15U35 Area: 15cm2



Max Depth: 10.900 m / 35.76 ft

Depth Inc: 0.025 m / 0.082 ft

Avg Int: Every Point

File: 22-56-23878_CP15.COR

Unit Wt: SBTQtn(PKR2009)

SBT: Robertson, 2009 and 2010

Coords: UTM 10N N: 4183376m E: 564888m

Overplot Item: ● Ueq ● Assumed Ueq ▲ Dissipation, Ueq achieved ▼ Dissipation, Ueq not achieved ◀ Dissipation, Ueq assumed — Hydrostatic Line

The reported coordinates were acquired from consumer grade GPS equipment and are only approximate locations. The coordinates should not be used for design purposes.