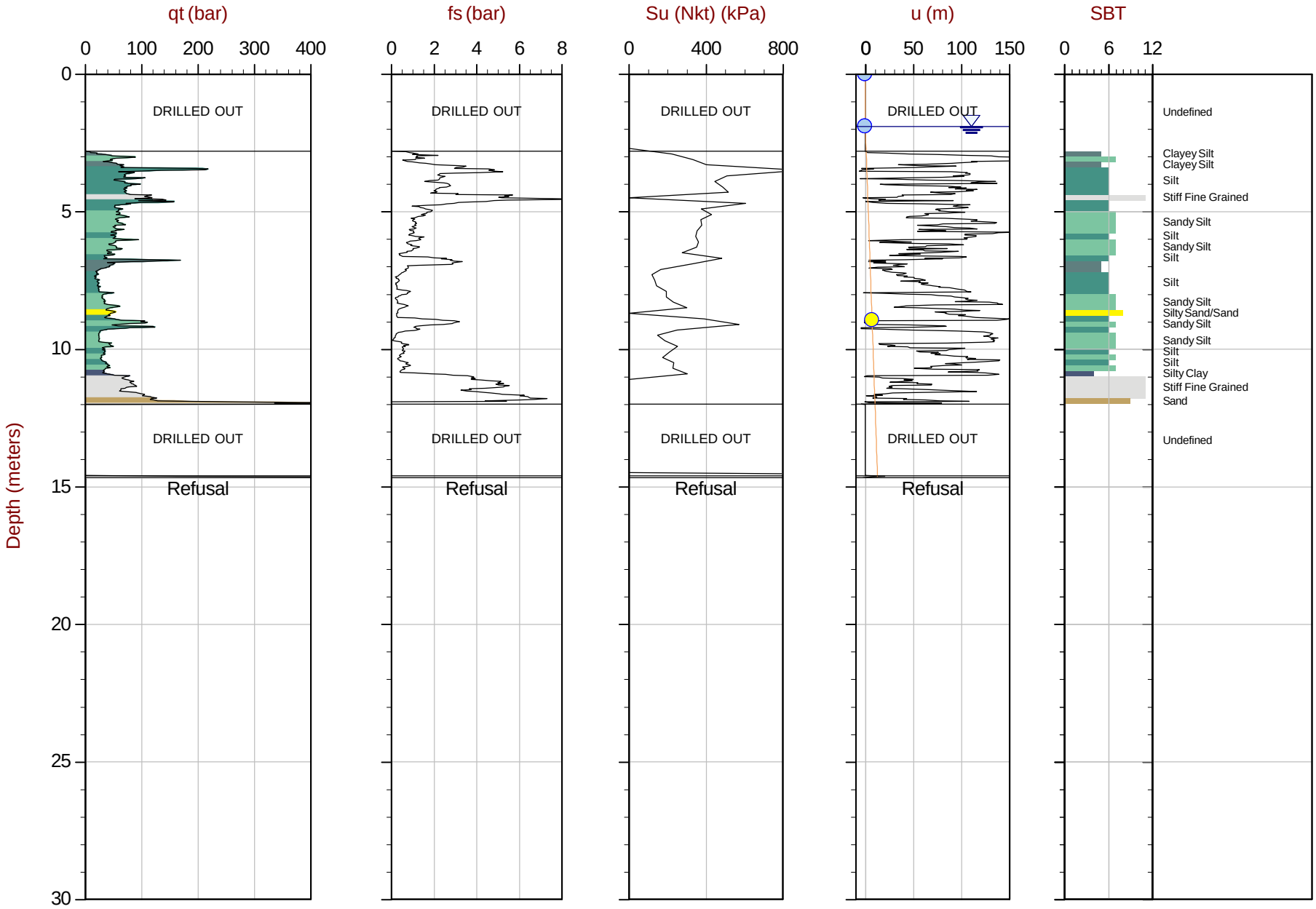
Advanced Cone Penetration Test Plots with Su(Nkt)

CONETEC

Mount Polley

Job No: 14-02091
Date: 10:01:14 09:00
Site: Mount Polley

Sounding: RSCPT14-01
Cone: 418:T1500F15U500



Max Depth: 14.675 m / 48.15 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS01.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

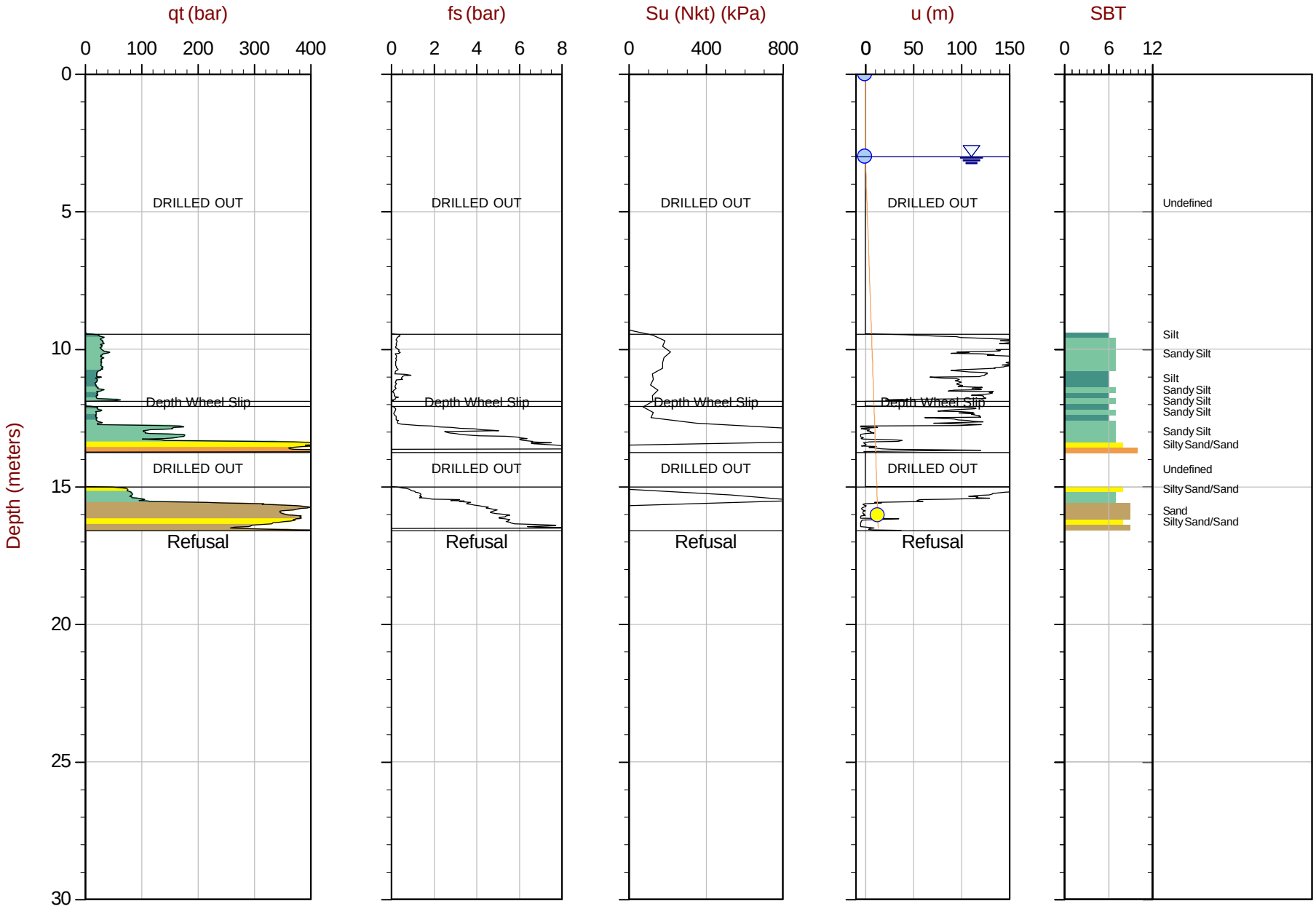
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819871.83m E: 595252.96m Elev: 931.29m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:10:14 10:50
Site: Mount Polley

Sounding: RSCPT14-02
Cone: 418:T1500F15U500



Max Depth: 16.600 m / 54.46 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS02.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

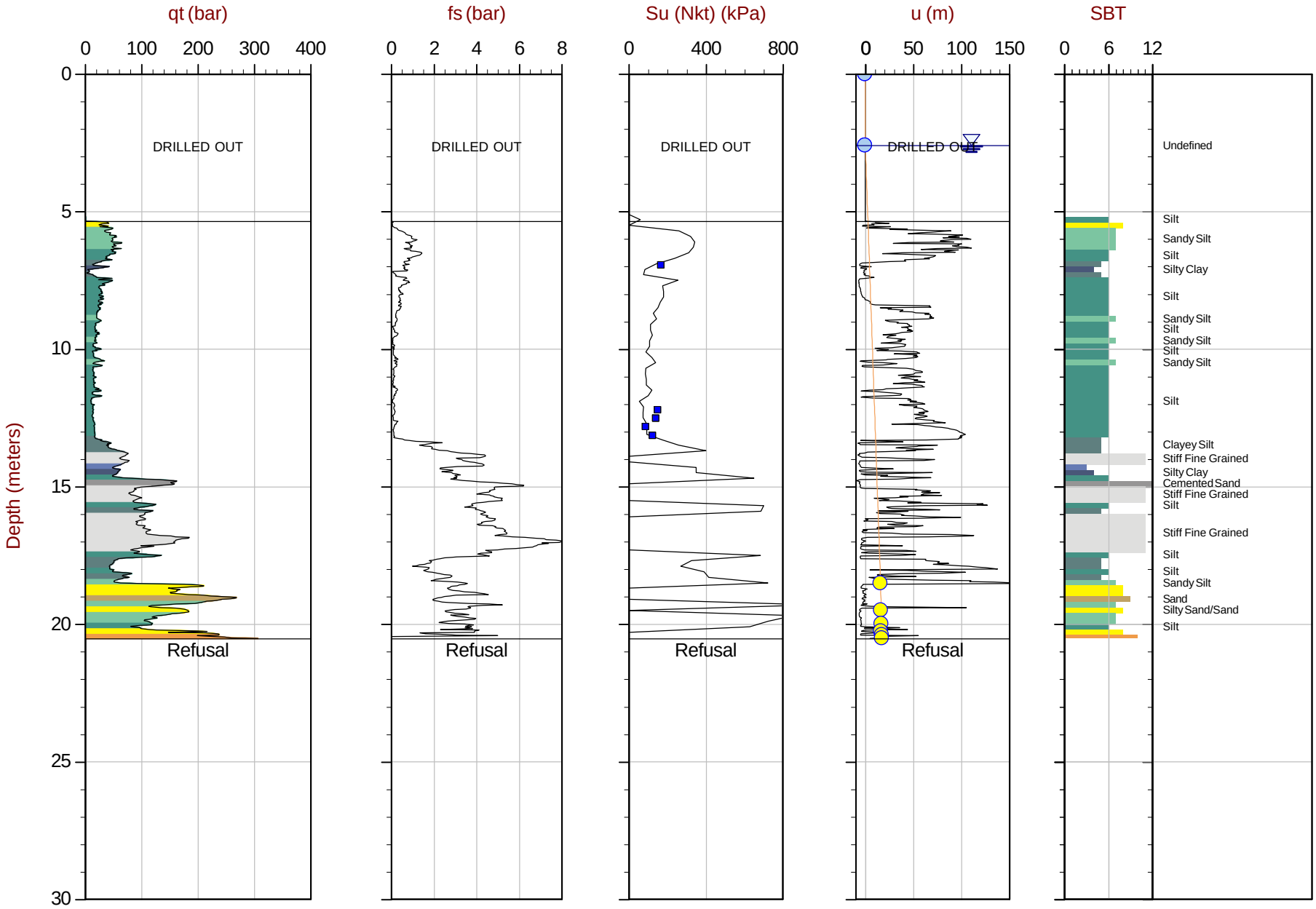
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819956.83m E: 595200.65m Elev: 933.03m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:02:14 11:31
Site: Mount Polley

Sounding: RSCPT14-03
Cone: 418:T1500F15U500



Max Depth: 20.525 m / 67.34 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS03.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

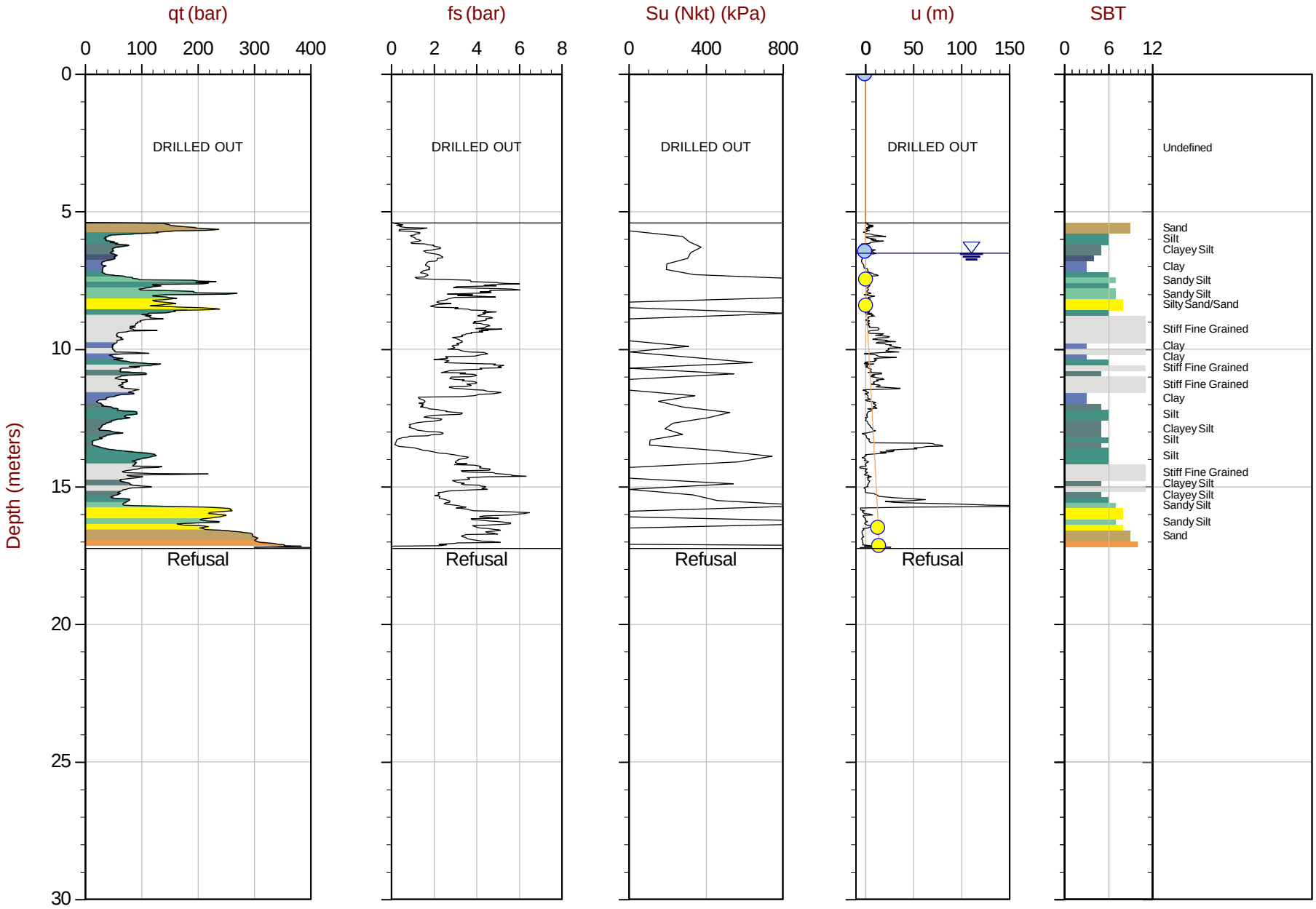
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819937.31m E: 595129.86m Elev: 932.47m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:04:14 08:55
Site: Mount Polley

Sounding: RSCPT14-04
Cone: 418:T1500F15U500



Max Depth: 17.250 m / 56.59 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS04.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

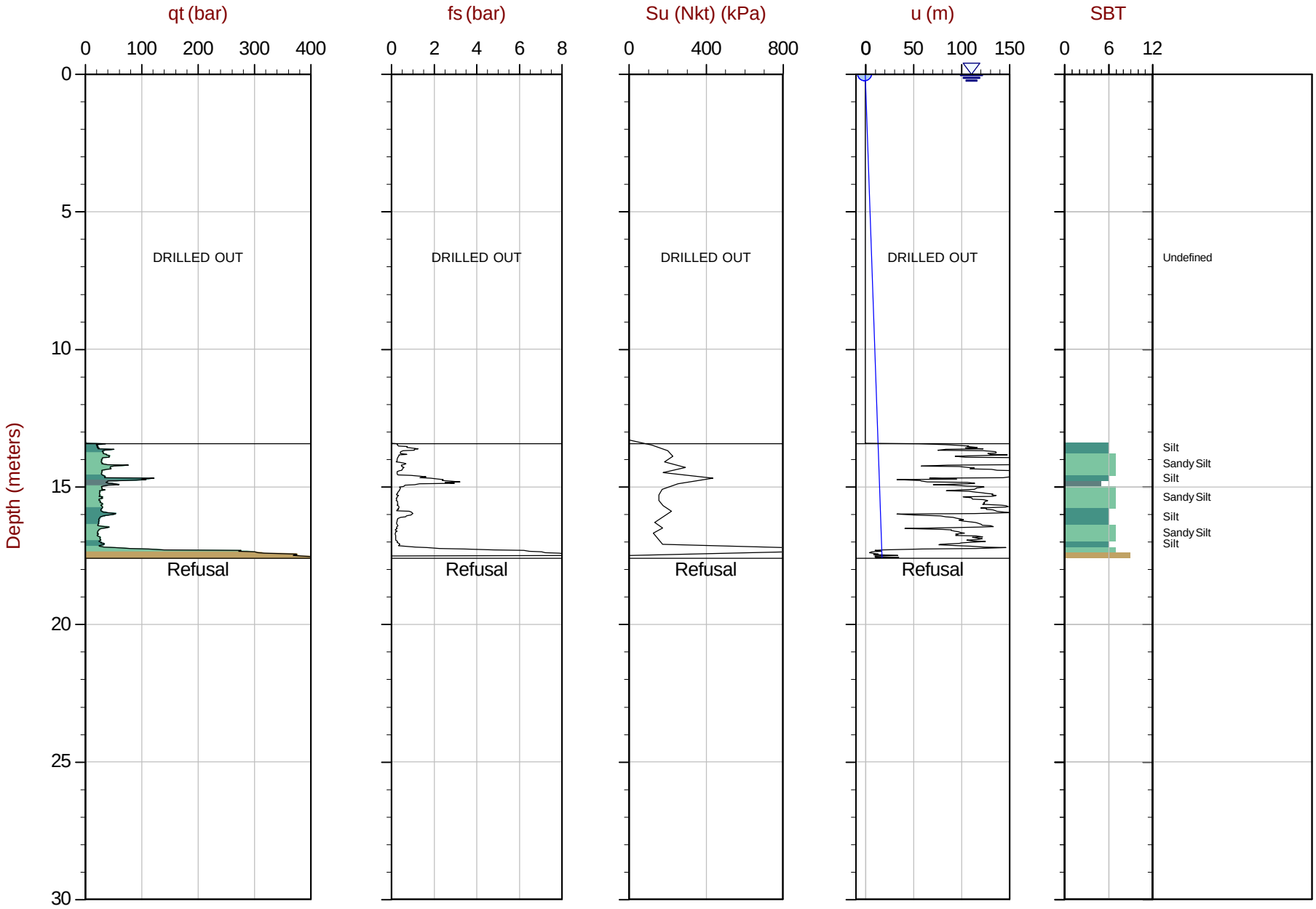
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819912.66m E: 595105.56m Elev: 932.27m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:27:14 13:09
Site: Mount Polley

Sounding: RSCPT14-05
Cone: 418:T1500F15U500



Max Depth: 17.600 m / 57.74 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS05.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

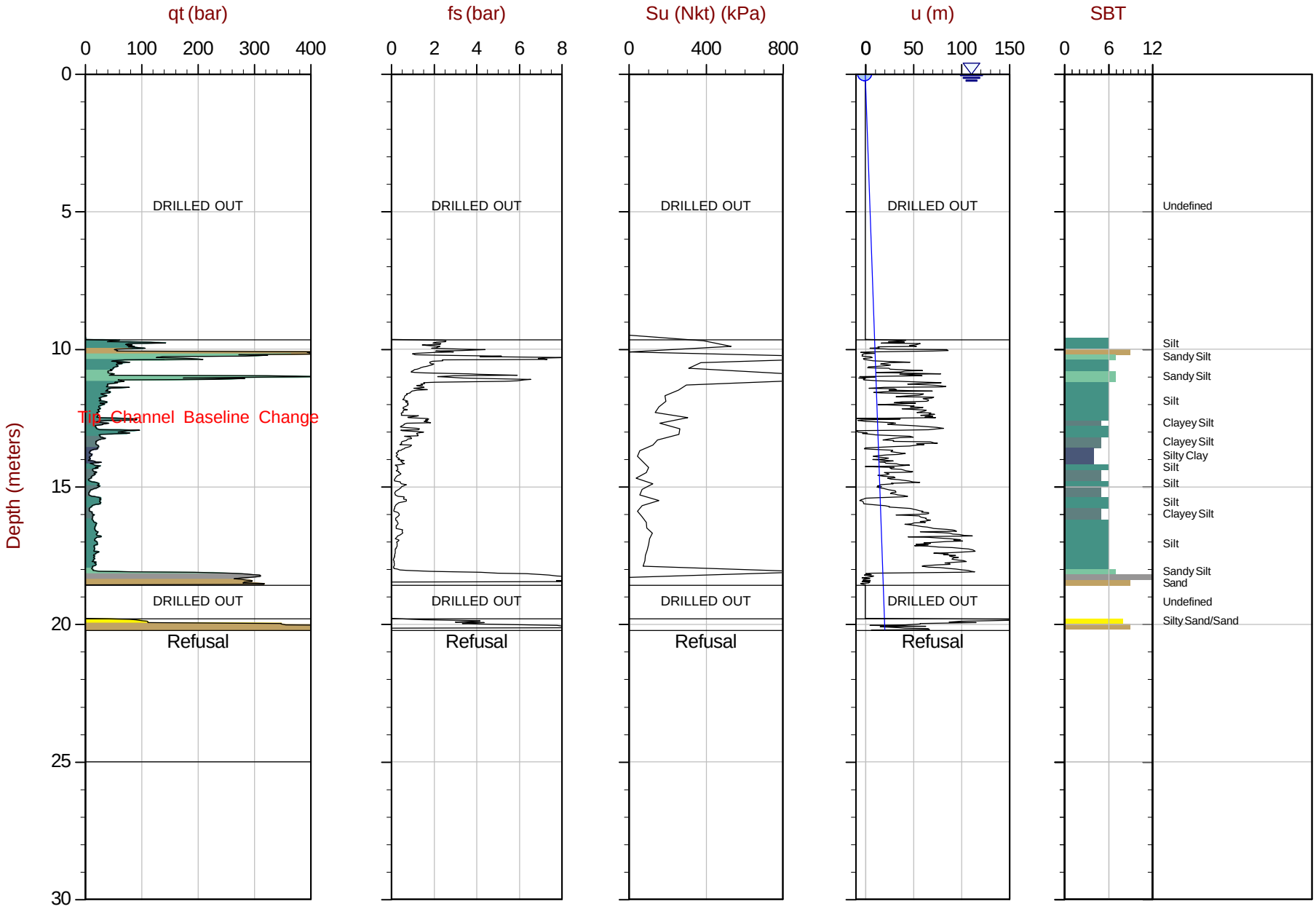
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819924.42m E: 595188.02m Elev: 937.43m
Page No: 1 of 1

Overplot Item: Hydrostatic Line · Assumed Ueq · Ueq · Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:07:14 08:35
Site: Mount Polley

Sounding: RSCPT14-06
Cone: 418:T1500F15U500



Max Depth: 20.225 m / 66.35 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS06.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

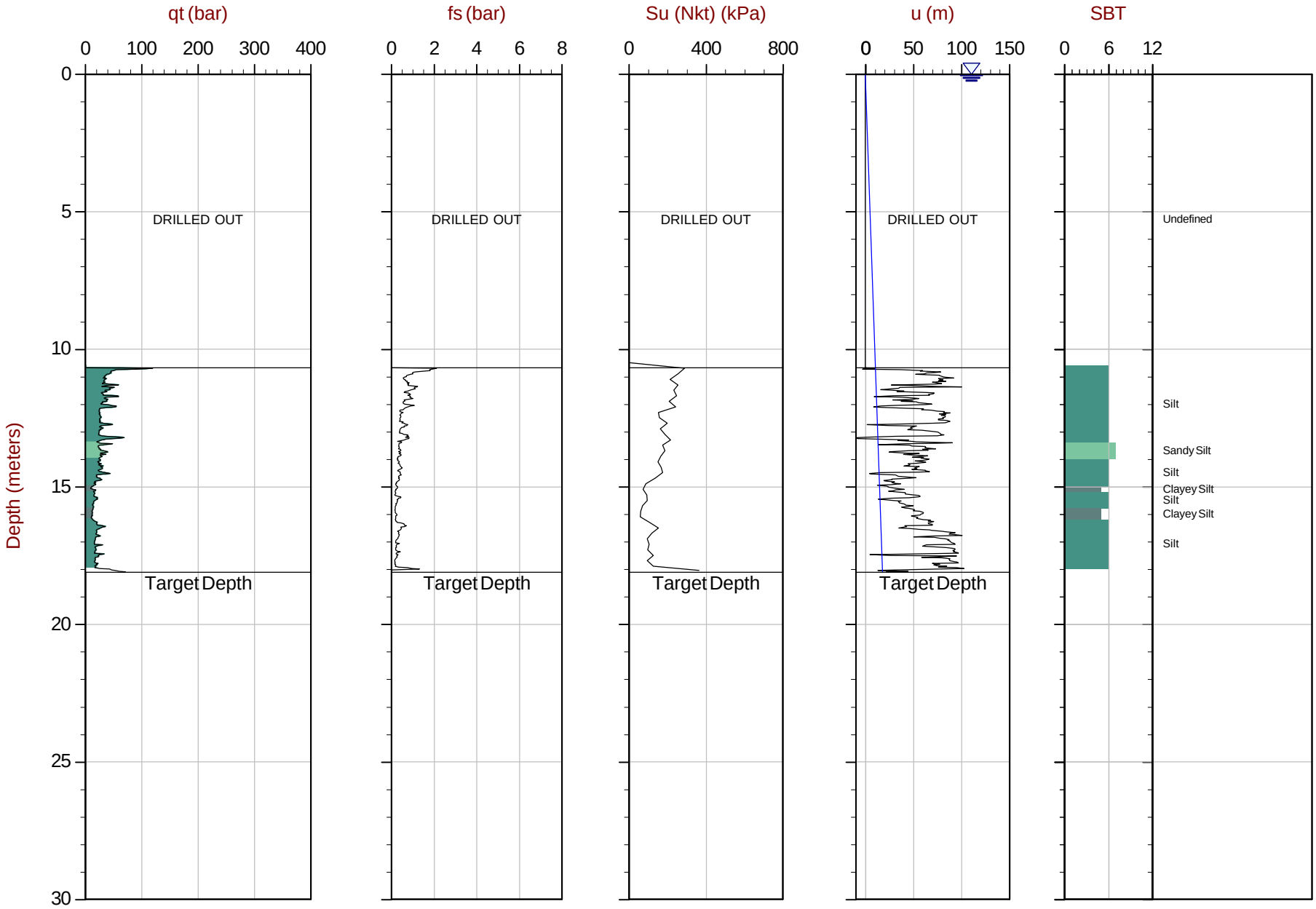
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819920.26m E: 595177.07m Elev: 937.76m
Page No: 1 of 1

Overplot Item: Hydrostatic Line · Assumed Ueq · Ueq · Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:17:14 09:13
Site: Mount Polley

Sounding: RCPT14-06
Cone: 418:T1500F15U500



Max Depth: 18.100 m / 59.38 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RP06.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

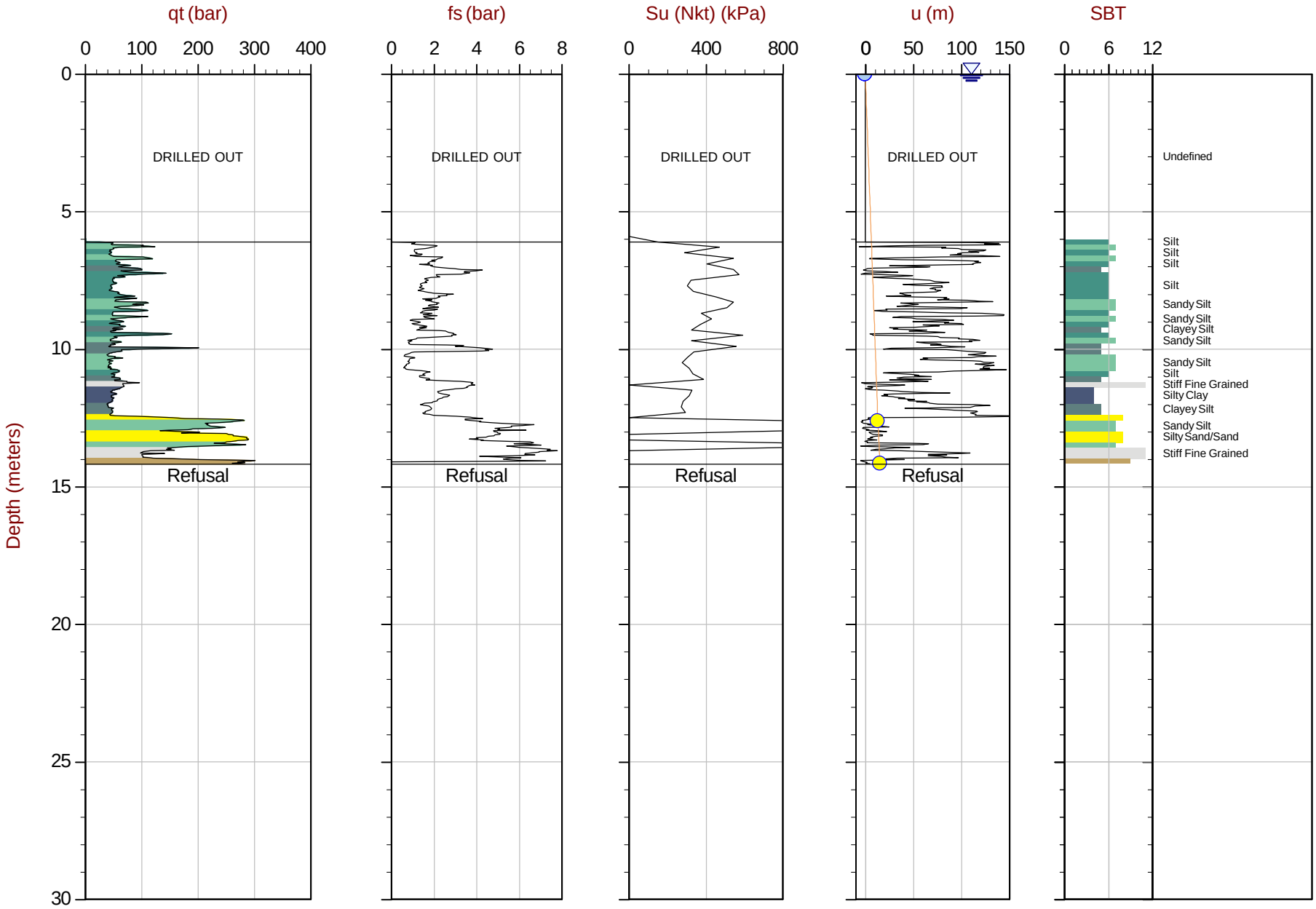
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819922.37m E: 595176.22m Elev: 937.71m
Page No: 1 of 1

Overplot Item: Hydrostatic Line, Assumed Ueq, Ueq, Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:08:14 13:02
Site: Mount Polley

Sounding: RSCPT14-07
Cone: 418:T1500F15U500



Max Depth: 14.175 m / 46.51 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS07.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

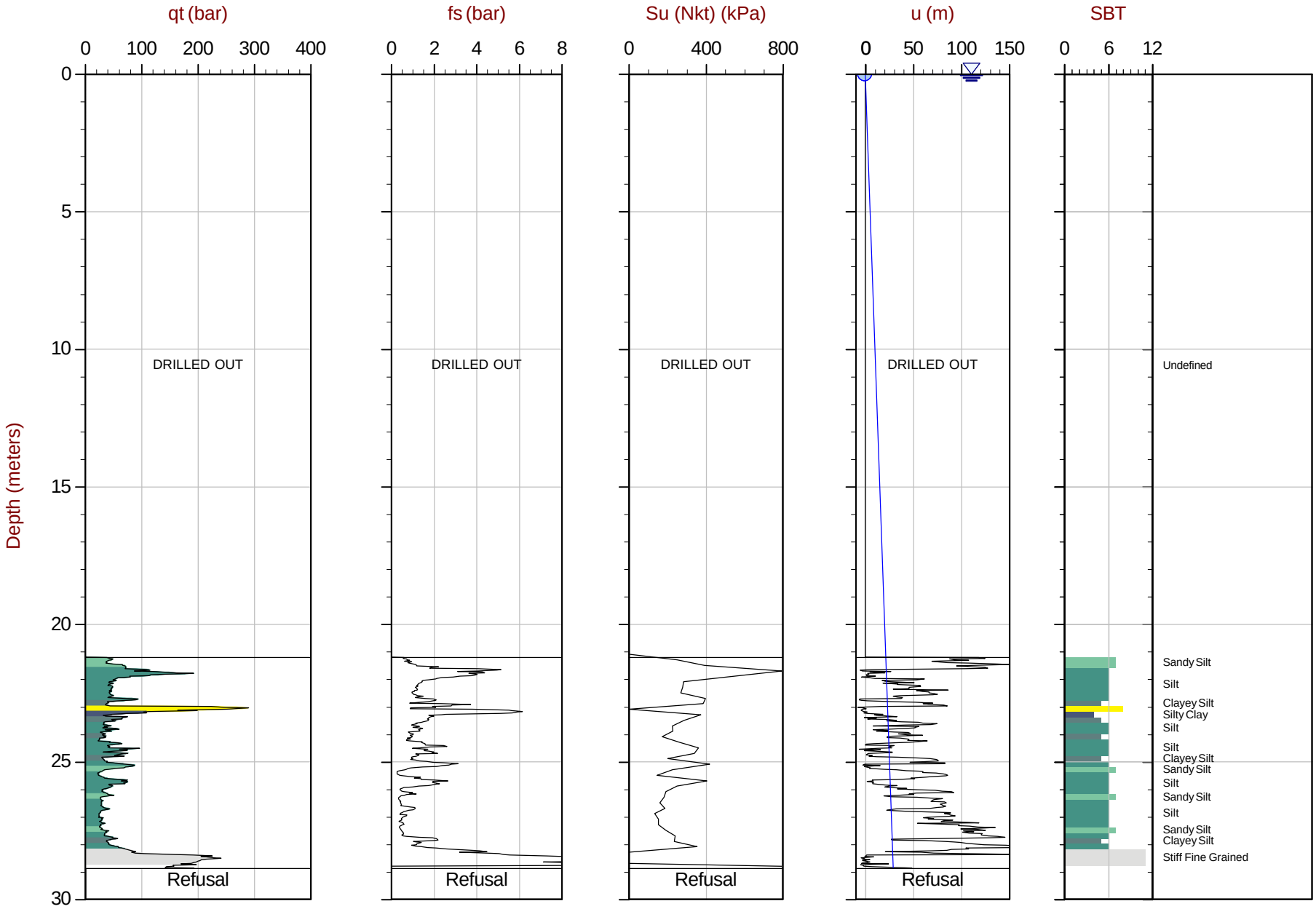
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819902.21m E: 595053.58m Elev: 931.58m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:28:14 13:00
Site: Mount Polley

Sounding: RSCPT14-08
Cone: 418:T1500F15U500



Max Depth: 28.875 m / 94.73 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS08.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

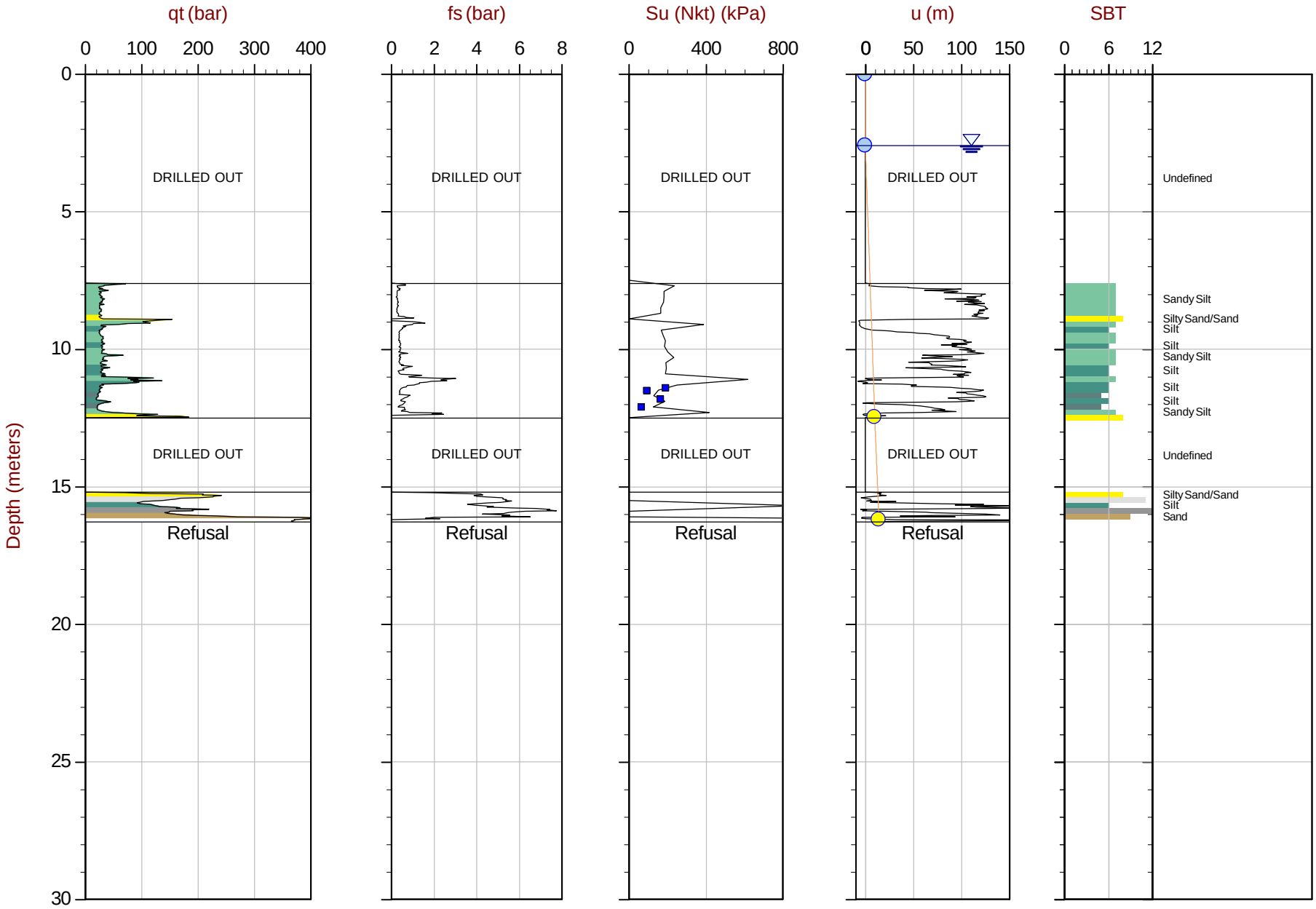
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819890.40m E: 595169.41m Elev: 947.50m
Page No: 1 of 1

Overplot Item: Hydrostatic Line, Assumed Ueq, Ueq, Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:16:14 08:16
Site: Mount Polley

Sounding: RSCPT14-10
Cone: 418:T1500F15U500



Max Depth: 16.275 m / 53.40 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS10.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

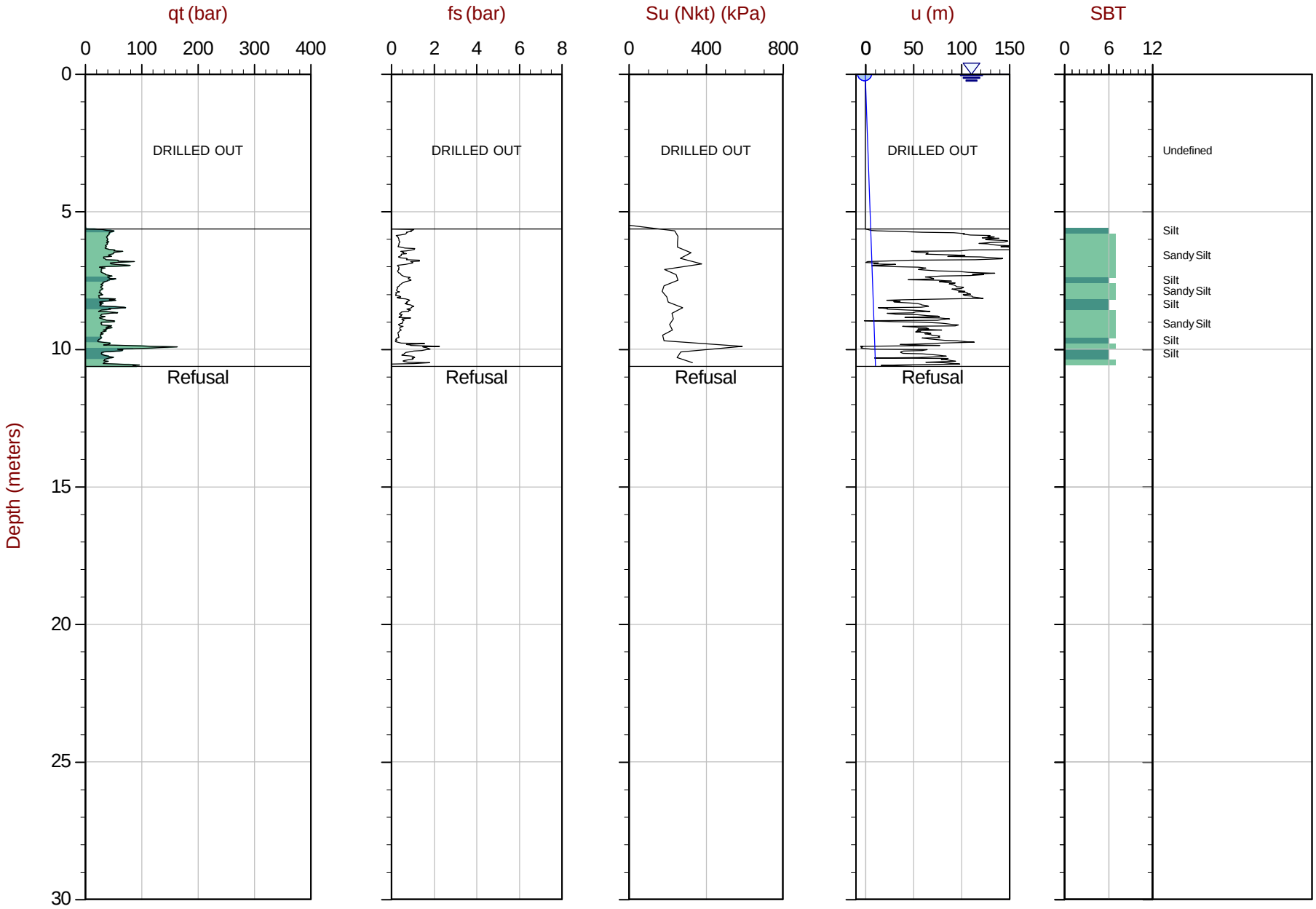
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819967.55m E: 595151.21m Elev: 932.24m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:15:14 13:36
Site: Mount Polley

Sounding: RSCPT14-11
Cone: 418:T1500F15U500



Max Depth: 10.625 m / 34.86 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS11.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

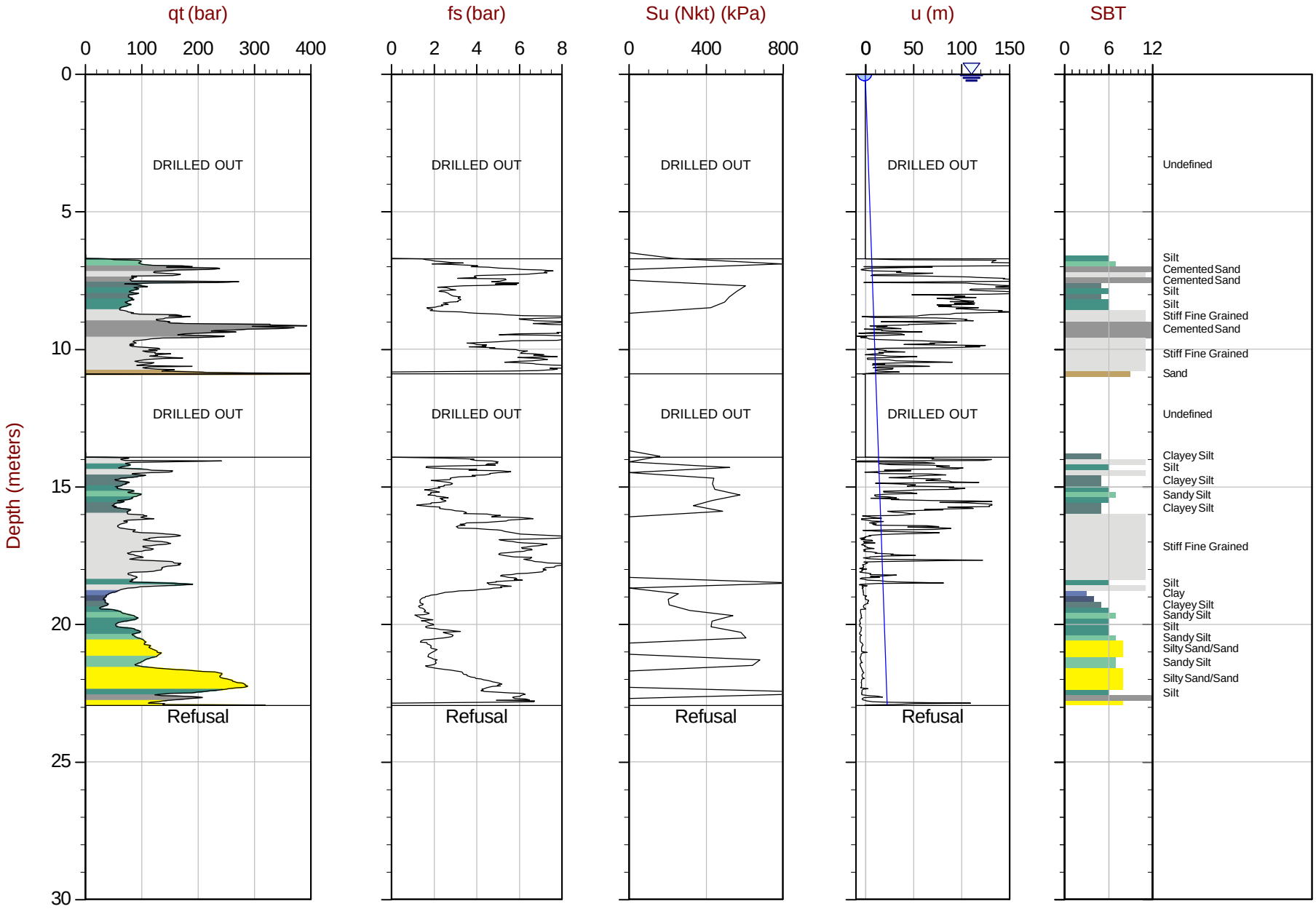
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819991.32m E: 595169.95m Elev: 931.06m
Page No: 1 of 1

Overplot Item: Hydrostatic Line Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:31:14 09:22
Site: Mount Polley

Sounding: RSCPT14-13
Cone: 418:T1500F15U500



Max Depth: 22.950 m / 75.29 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS13.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819770.00m E: 595407.00m Elev: 933.06m
Page No: 1 of 1

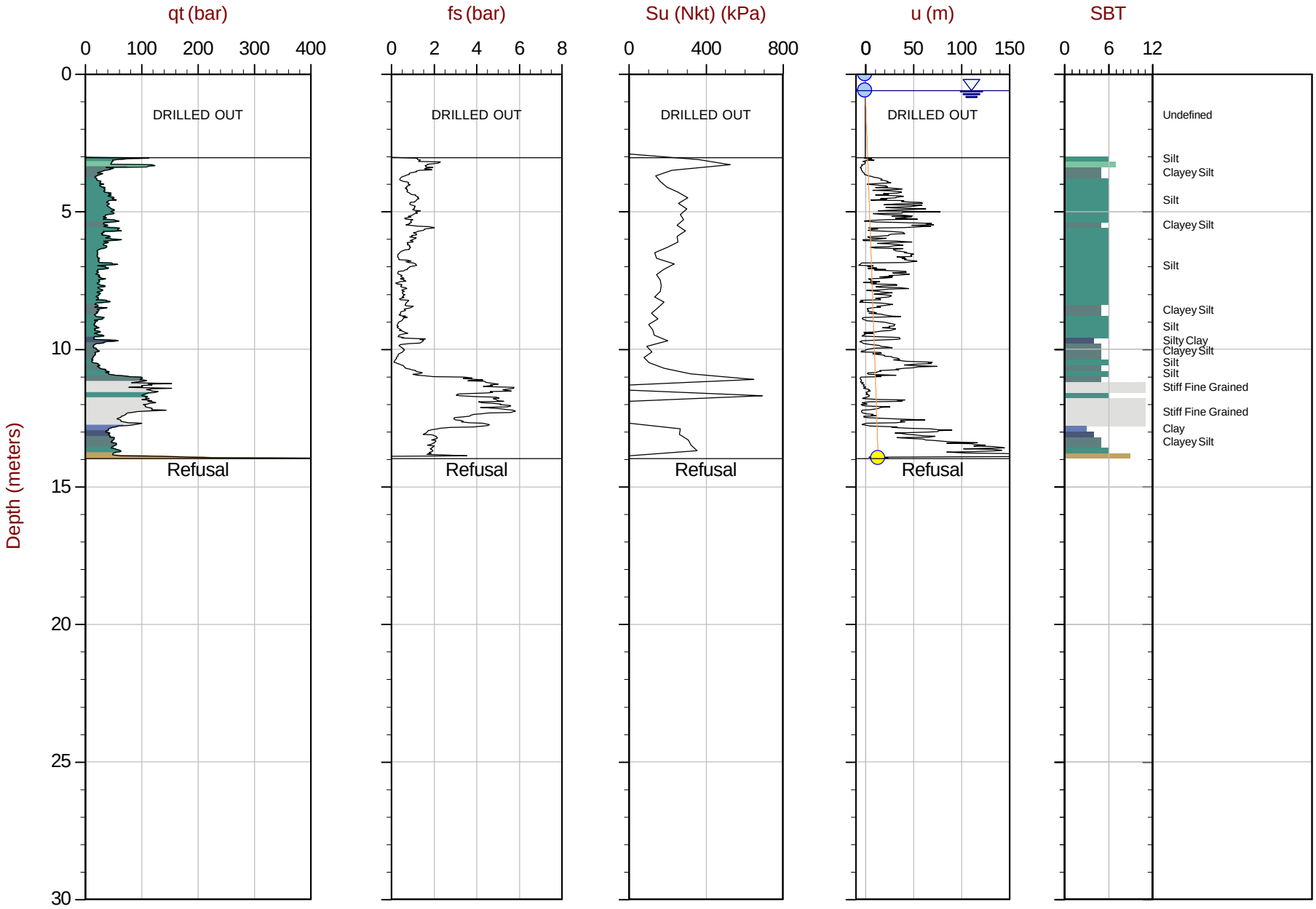
Overplot Item: Hydrostatic Line, Assumed Ueq, Ueq, Su (eVST)

The reported coordinates were acquired from hand-held GPS equipment and are only approximate locations. The elevation is based on adjacent borehole.

Mount Polley

Job No: 14-02091
Date: 10:17:14 12:58
Site: Mount Polley

Sounding: RSCPT14-14
Cone: 418:T1500F15U500



Max Depth: 13.975 m / 45.85 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS14.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

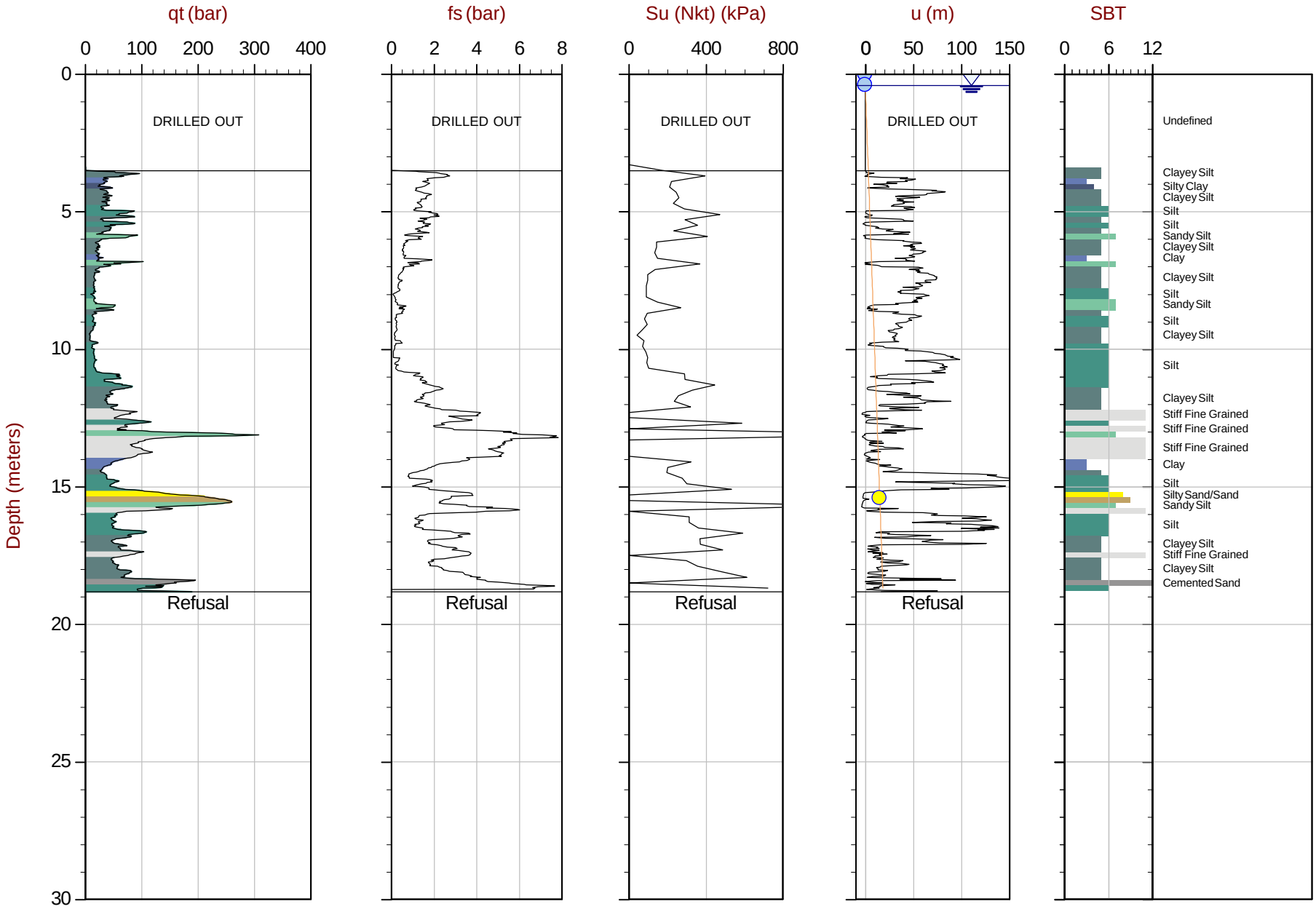
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819937.03m E: 595100.52m Elev: 930.45m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:20:14 14:57
Site: Mount Polley

Sounding: RSCPT14-15
Cone: 418:T1500F15U500



Max Depth: 18.825 m / 61.76 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS15.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

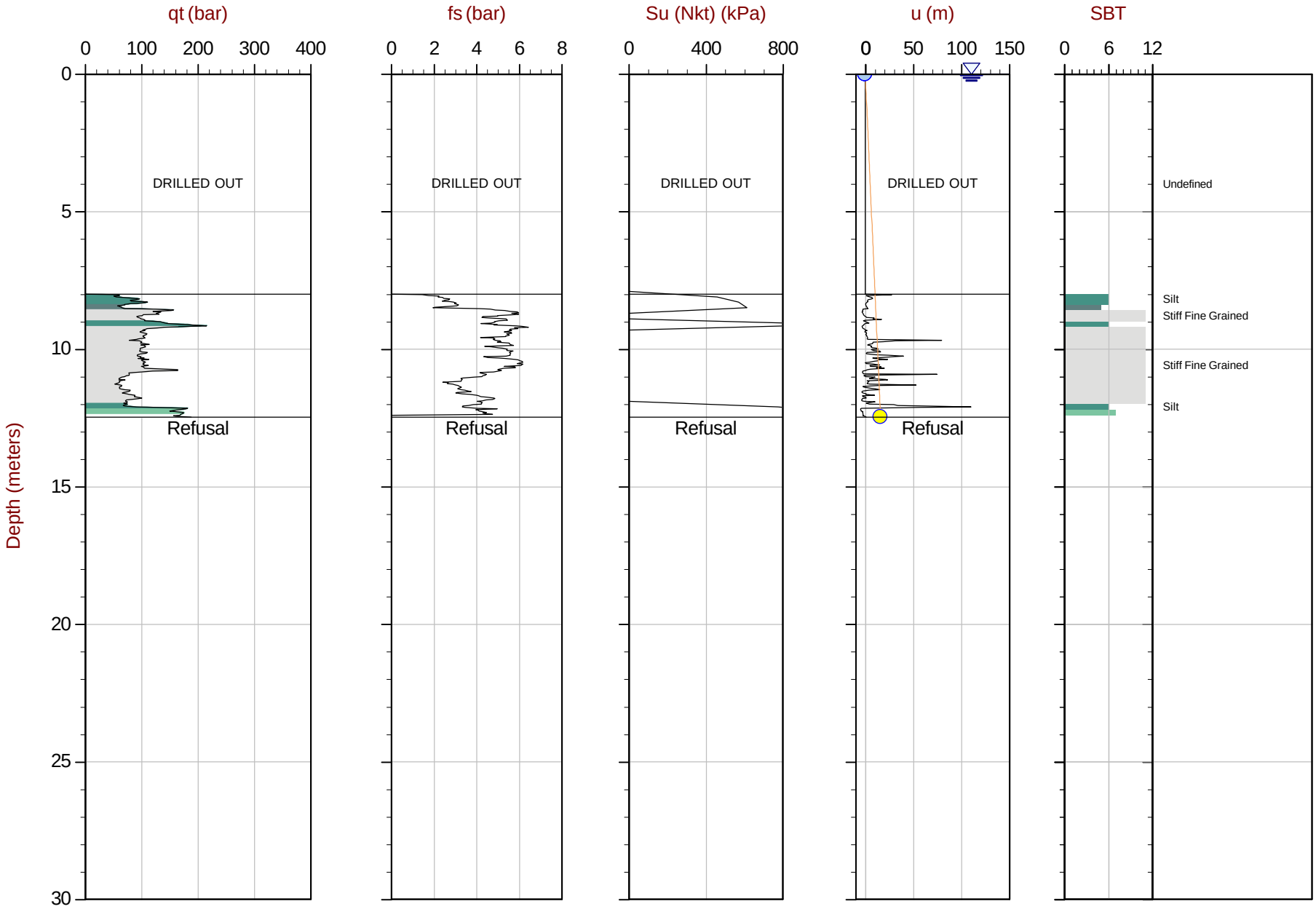
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819960.89m E: 595100.02m Elev: 930.20m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:22:14 11:50
Site: Mount Polley

Sounding: RSCPT14-16
Cone: 418:T1500F15U500



Max Depth: 12.475 m / 40.93 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS16B.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

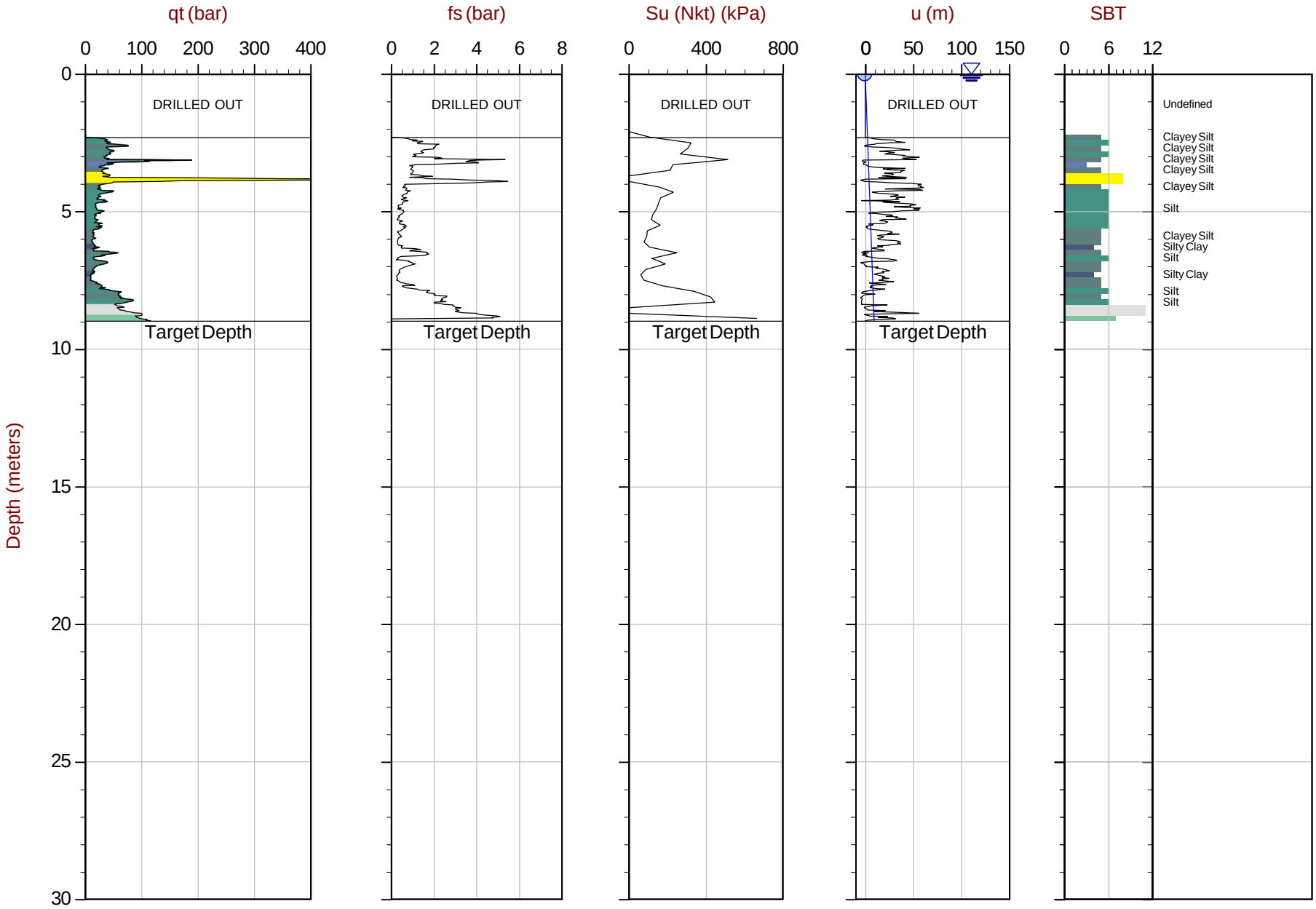
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819976.38m E: 595078.31m Elev: 930.28m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:25:14 08:41
Site: Mount Polley

Sounding: RSCPT14-16
Cone: 418:T1500F15U500



Max Depth: 8.975 m / 29.45 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS16C.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

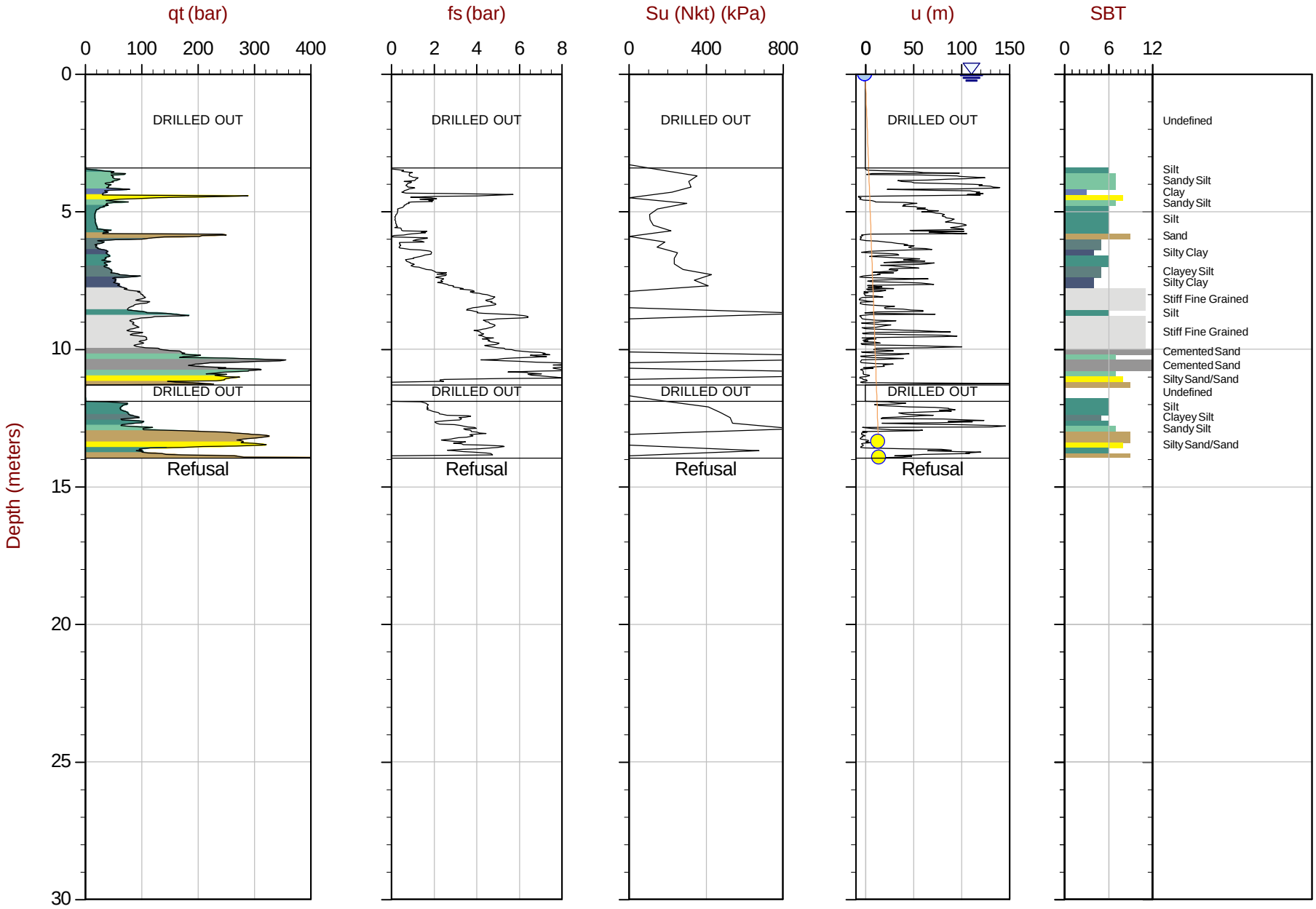
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819975.79m E: 595079.20m Elev: 930.44m
Page No: 1 of 1

Overplot Item: Hydrostatic Line, Assumed Ueq, Ueq, Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:23:14 08:29
Site: Mount Polley

Sounding: RSCPT14-17
Cone: 418:T1500F15U500



Max Depth: 13.950 m / 45.77 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS17.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

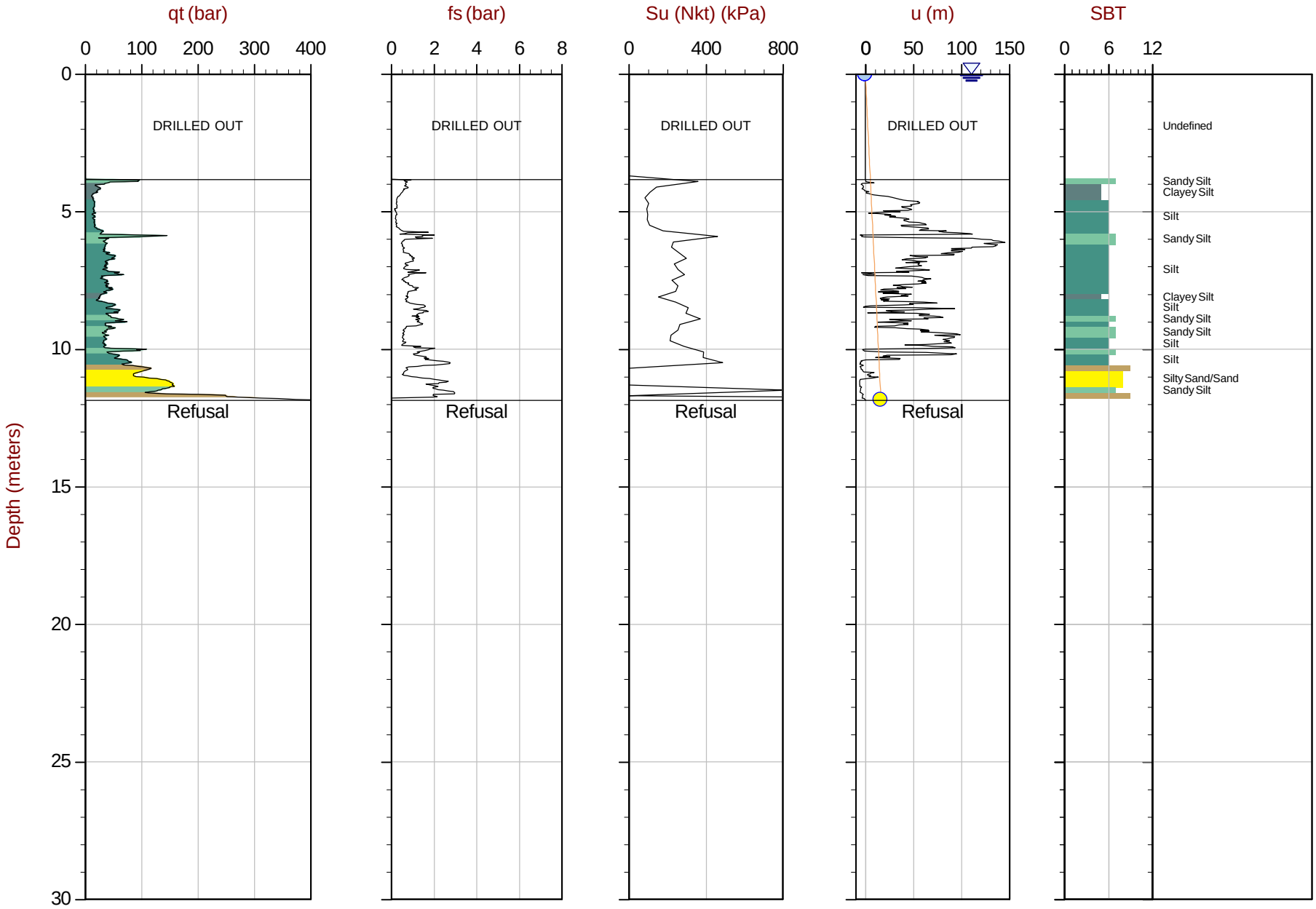
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819994.09m E: 595086.97m Elev: 929.99m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:24:14 09:06
Site: Mount Polley

Sounding: RSCPT14-18
Cone: 418:T1500F15U500



Max Depth: 11.850 m / 38.88 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS18.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

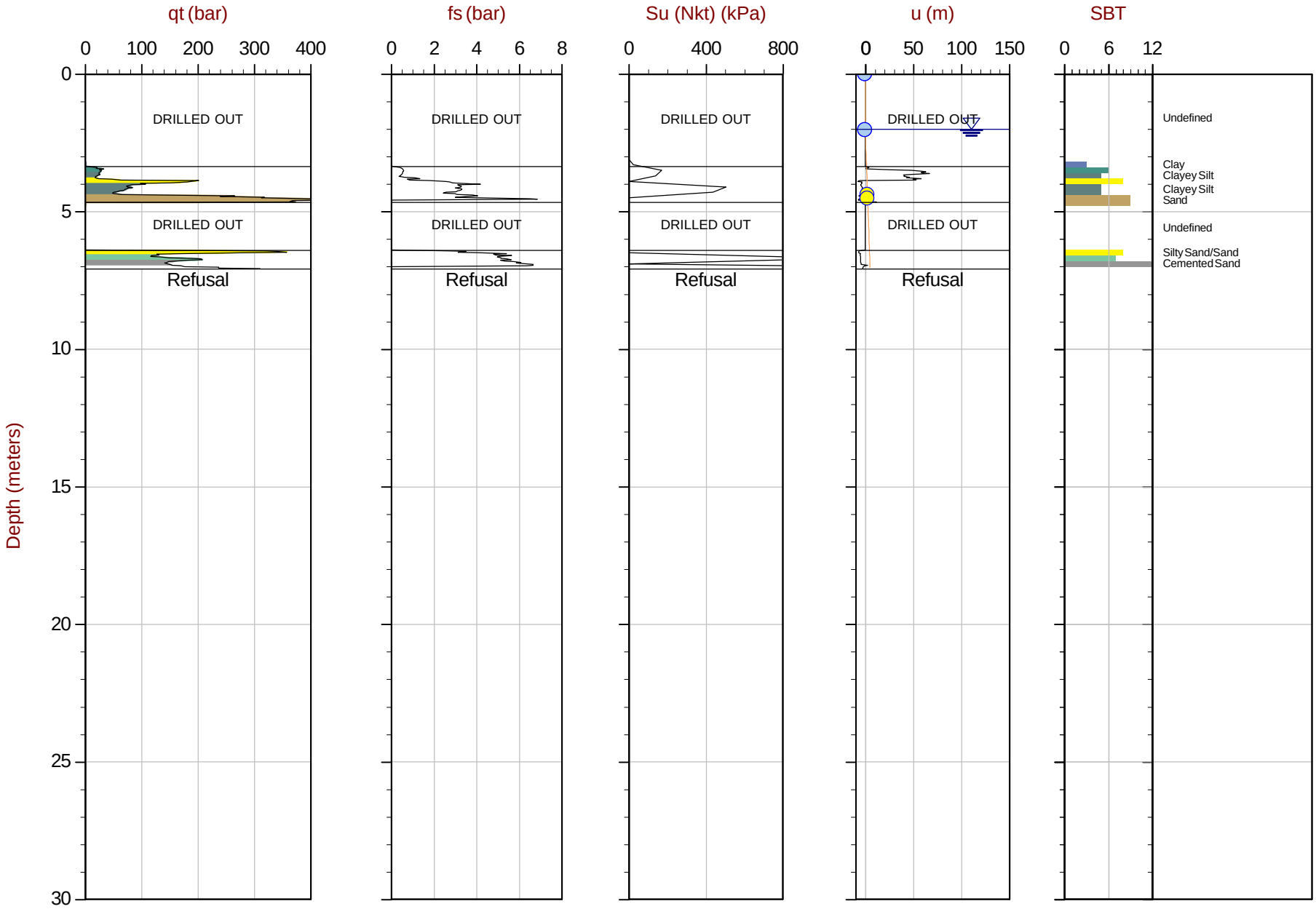
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5820025.89m E: 595012.98m Elev: 934.84m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 10:24:14 12:54
Site: Mount Polley

Sounding: RSCPT14-19
Cone: 418:T1500F15U500



Max Depth: 7.075 m / 23.21 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS19.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

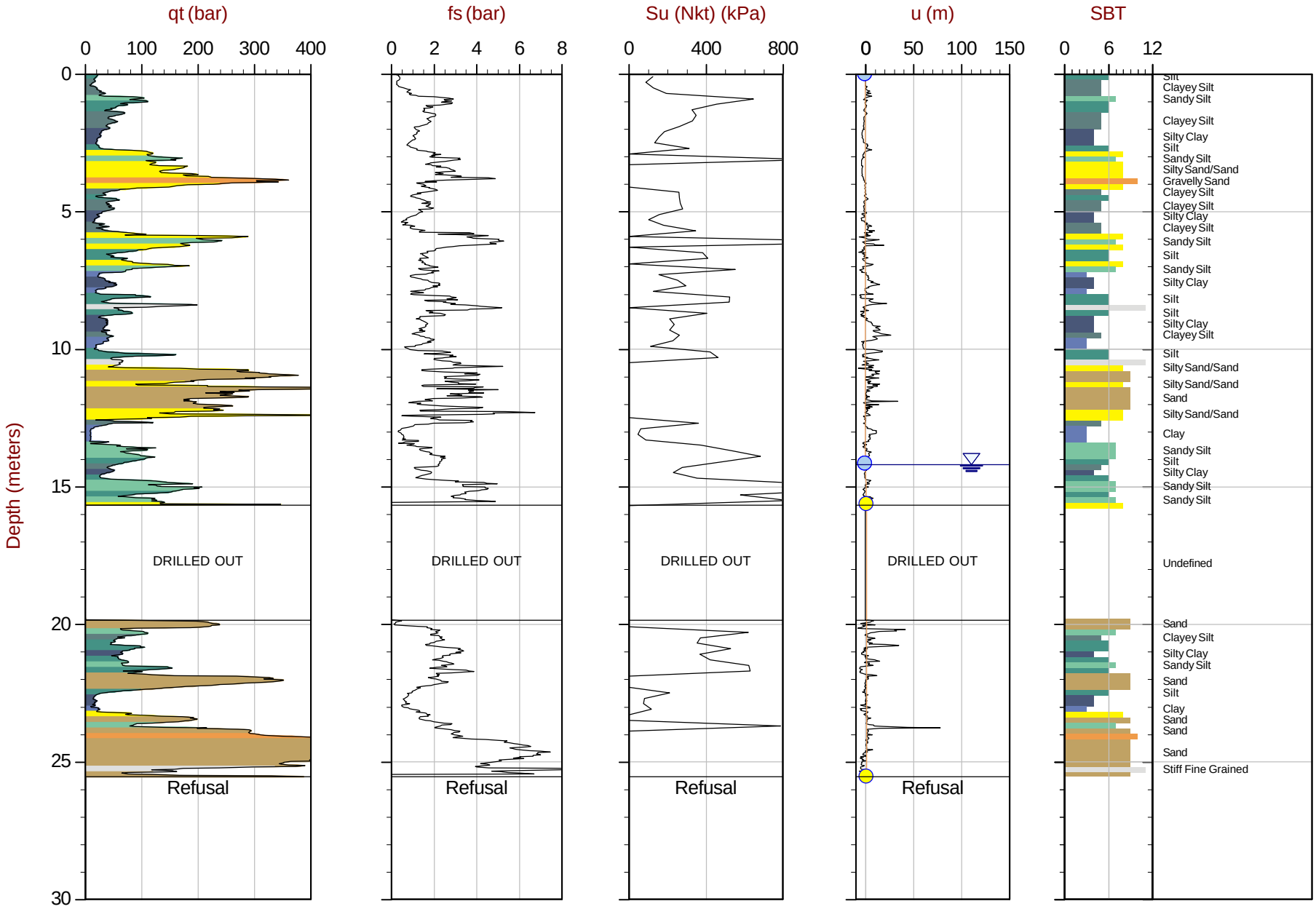
SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5820043.69m E: 594886.51m Elev: 942.66m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

Mount Polley

Job No: 14-02091
Date: 11:01:14 08:57
Site: Mount Polley

Sounding: RSCPT14-21
Cone: 418:T1500F15U500



Max Depth: 25.550 m / 83.82 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS21.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819715.00m E: 595334.00m Elev: 968.91m
Page No: 1 of 1

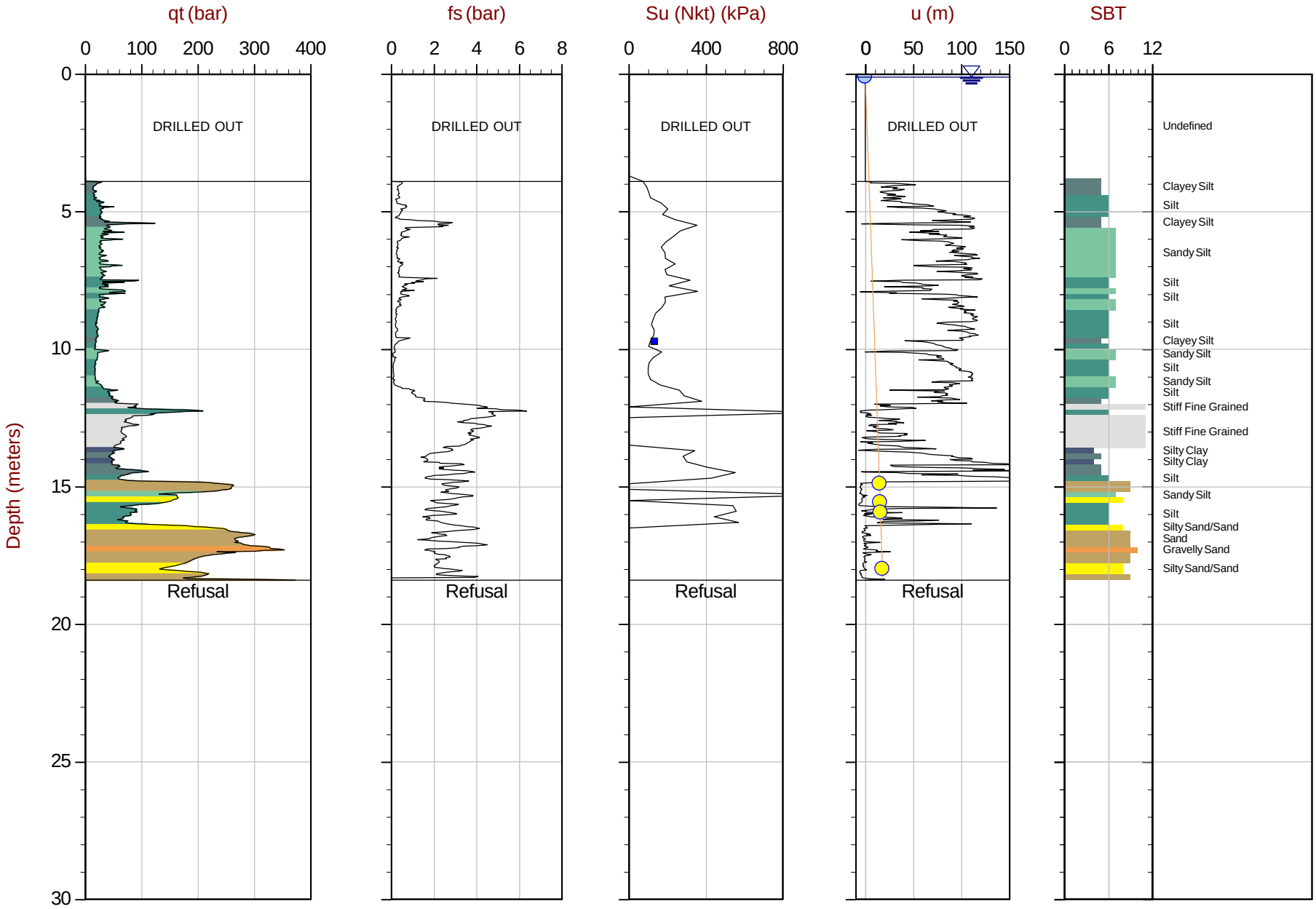
Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)

The reported coordinates were acquired from hand-held GPS equipment and are only approximate locations. The elevation is based on adjacent borehole.

Mount Polley

Job No: 14-02091
Date: 10:30:14 08:40
Site: Mount Polley

Sounding: RSCPT14-22
Cone: 418:T1500F15U500



Max Depth: 18.400 m / 60.37 ft
Depth Inc: 0.025 m / 0.082 ft
Avg Int: 0.200 m

File: 14-02091_RS22.COR
Unit Wt: SBT Chart Soil Zones
Su Nkt: 15.0

SBT: Lunne, Robertson and Powell, 1997
Coords: Tailings Grid N: 5819981.72m E: 595124.54m Elev: 929.77m
Page No: 1 of 1

Overplot Item: Equilibrium Pore Pressure(Ueq) Profile Assumed Ueq Ueq Su (eVST)