CPT Plots with Resistivity Measurements

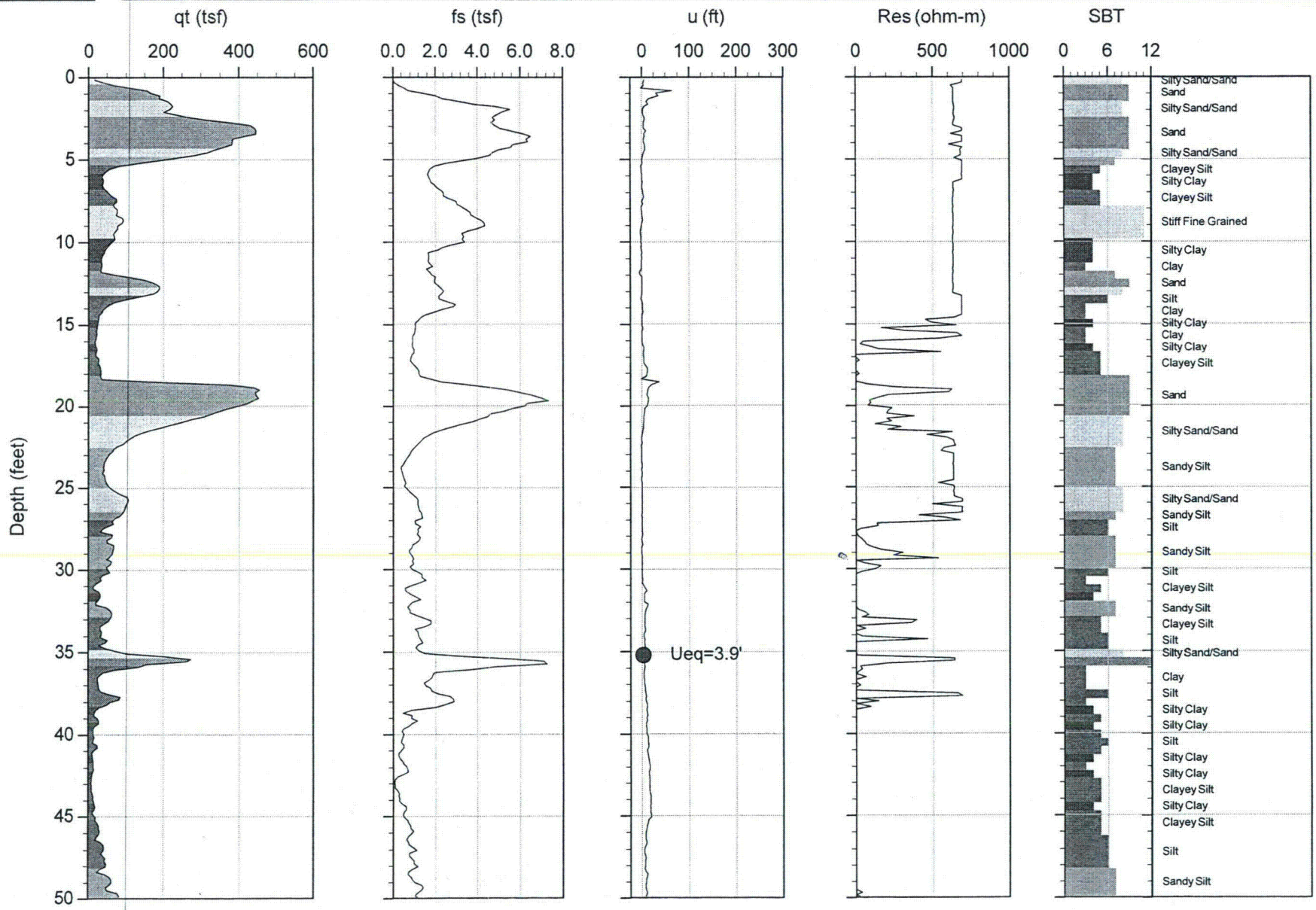
CONETEC

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 15:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155:T1500F15U500



Max Depth: 26.950 m / 88.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP01.COR
Unit Wt: SBT Chart Soil Zones

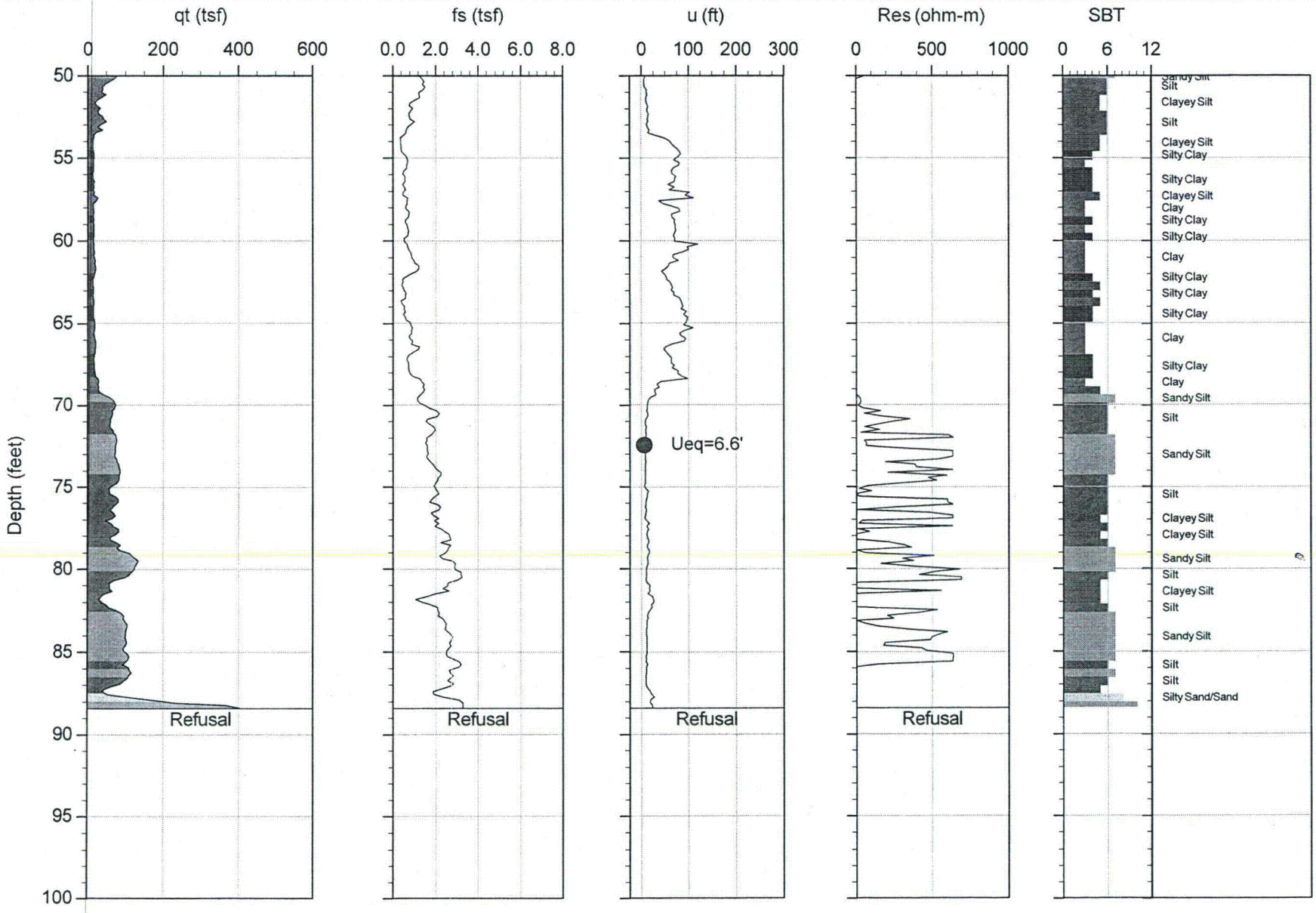
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649117 Long: -108.501667
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 15:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155:T1500F15U500



Max Depth: 26.950 m / 88.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP01.COR
Unit Wt: SBT Chart Soil Zones

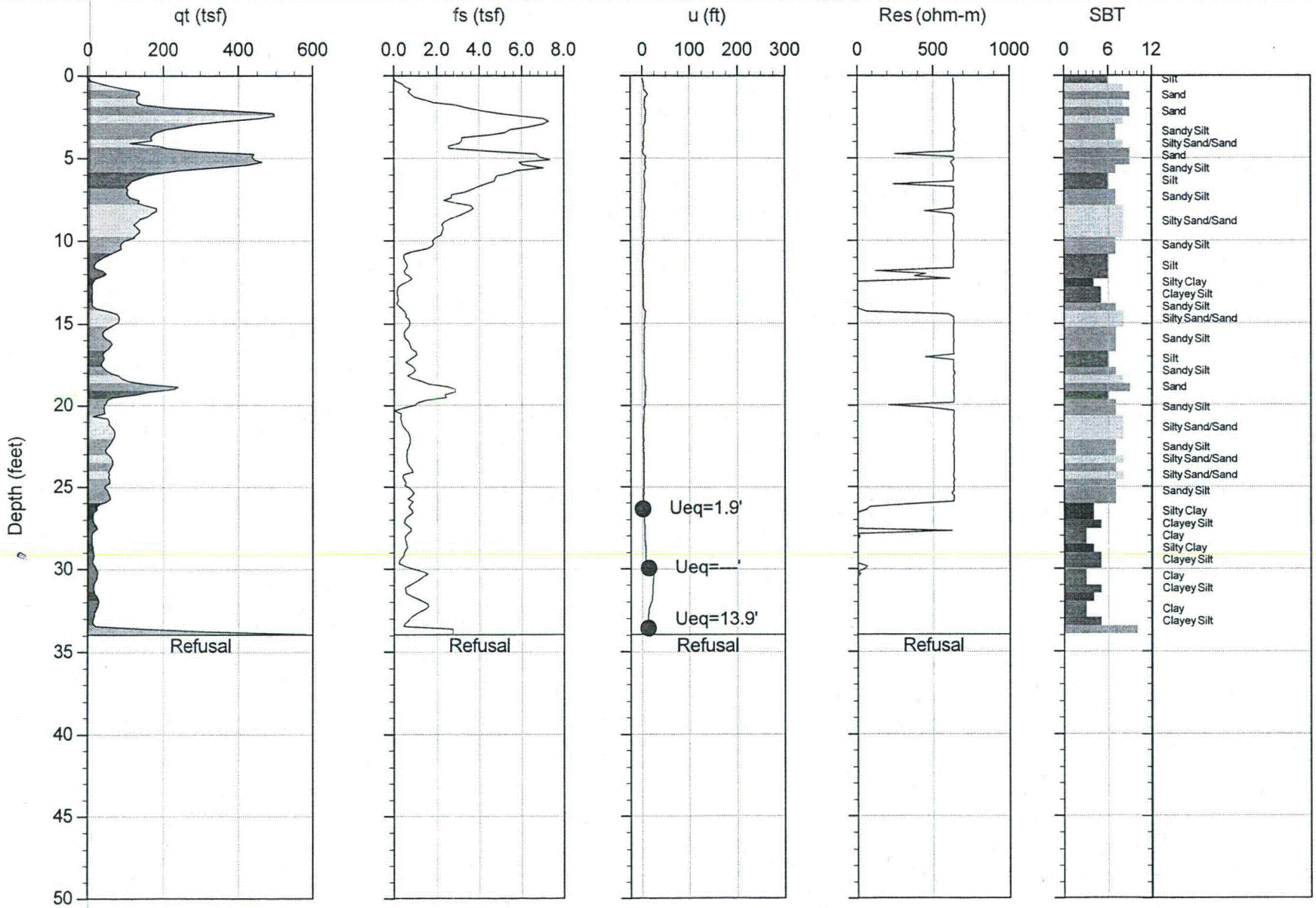
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649117 Long: -108.501667
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:05:13 13:37
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-02
Cone: 155:T1500F15U500



Max Depth: 10.350 m / 33.96 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP02.COR
Unit Wt: SBT Chart Soil Zones

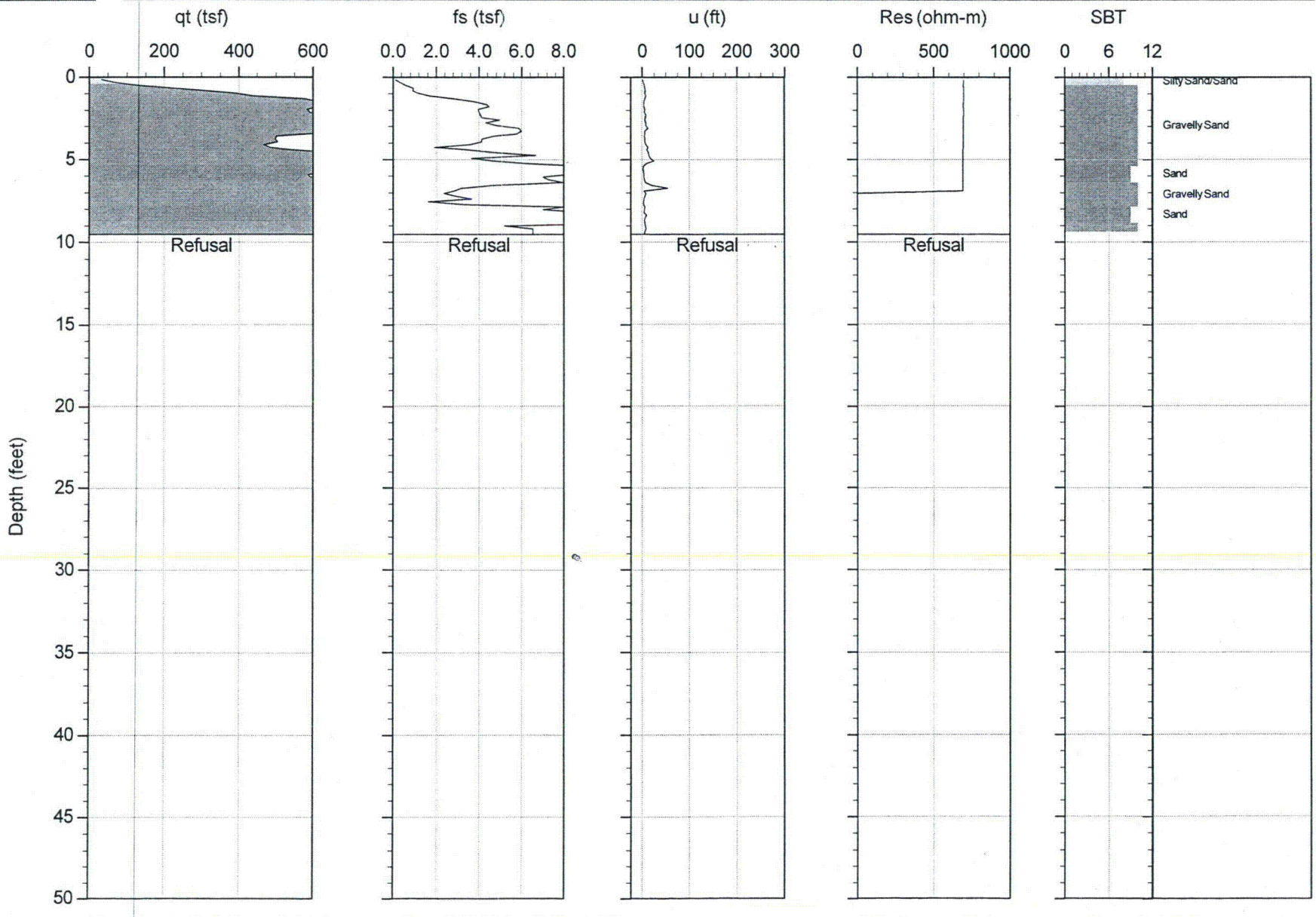
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650200 Long: -108.499750
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 07:50
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-03
Cone: 155:T1500F15U500



Max Depth: 2.900 m / 9.51 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP03.COR
Unit Wt: SBT Chart Soil Zones

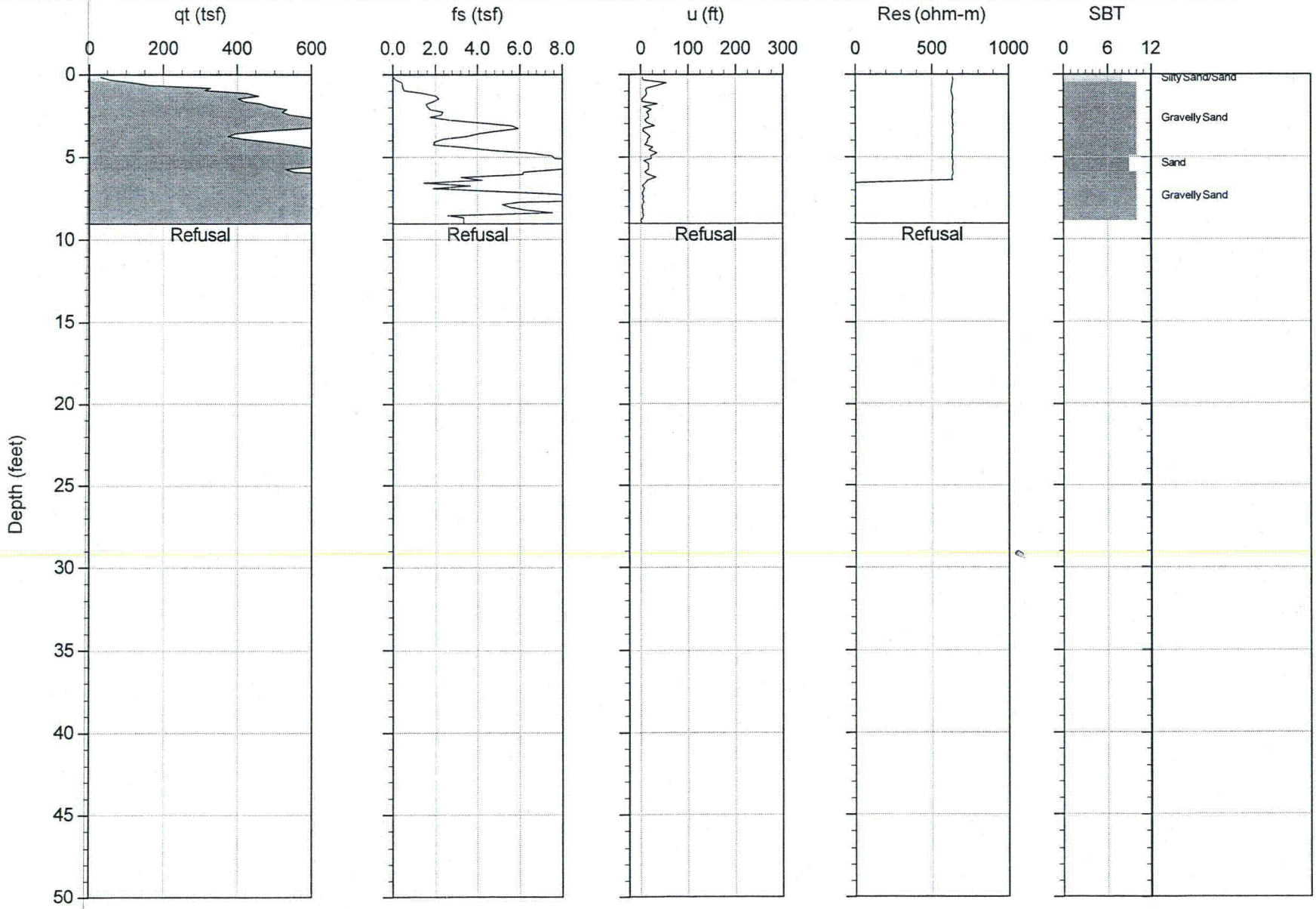
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649350 Long: -108.502383
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 08:45
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-03B
Cone: 155:T1500F15U500



Max Depth: 2.750 m / 9.02 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP03B.COR
Unit Wt: SBT Chart Soil Zones

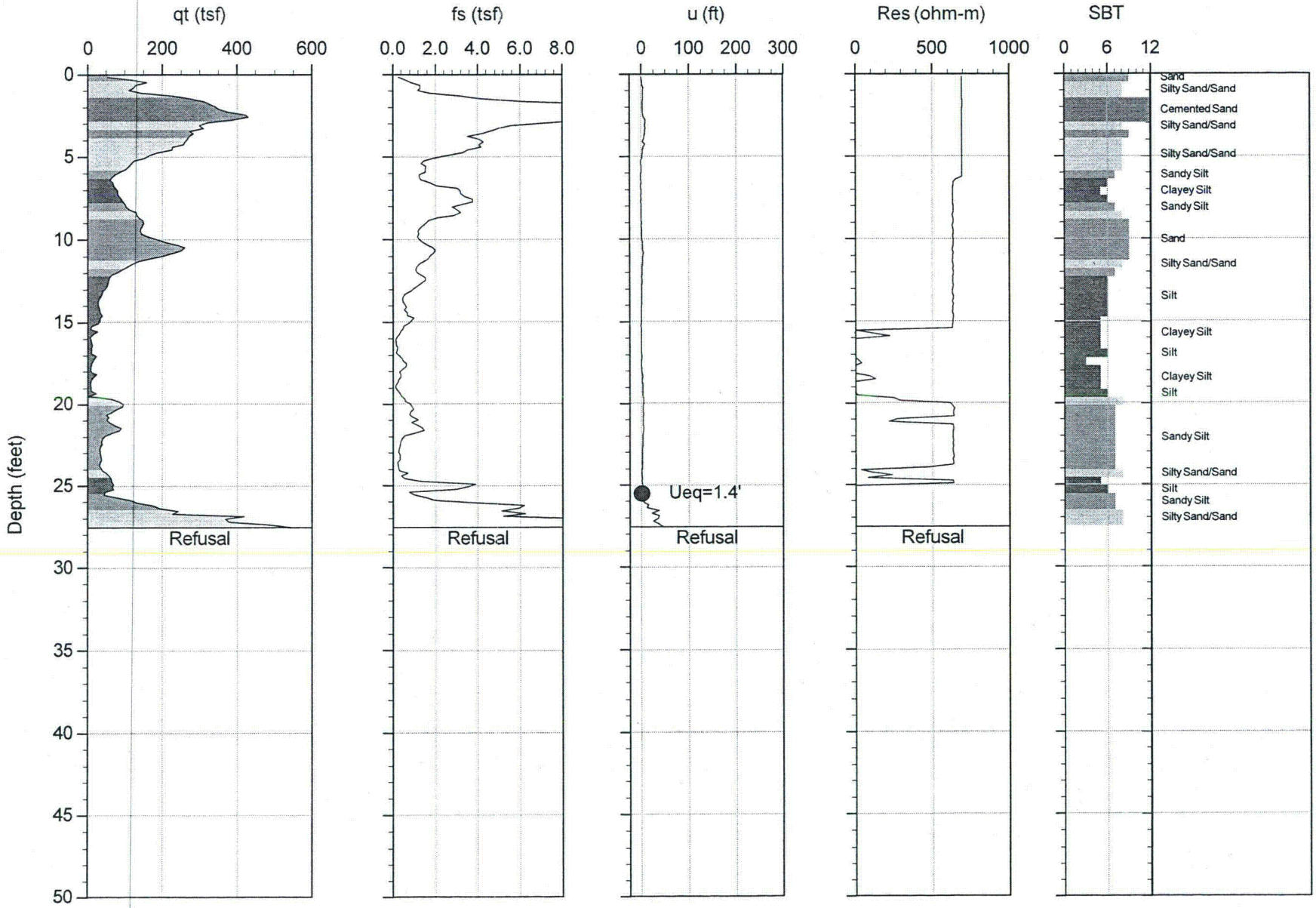
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649333 Long: -108.502383
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:05:13 13:39
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-04
Cone: 155:T1500F15U500



Max Depth: 8.400 m / 27.56 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP04.COR
Unit Wt: SBT Chart Soil Zones

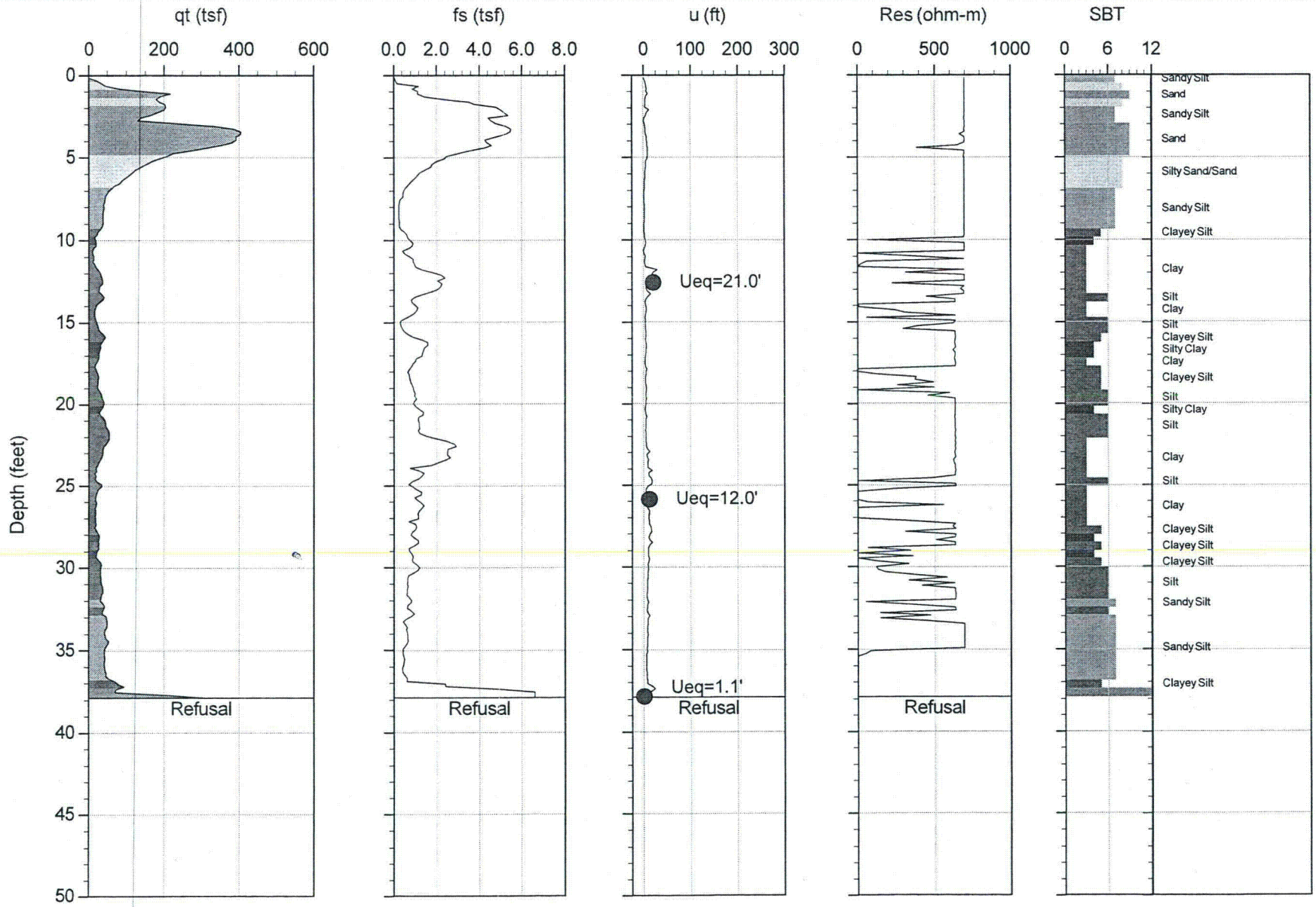
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649533 Long: -108.500483
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 08:30
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-05
Cone: 155:T1500F15U500



Max Depth: 11.550 m / 37.89 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP05.COR
Unit Wt: SBT Chart Soil Zones

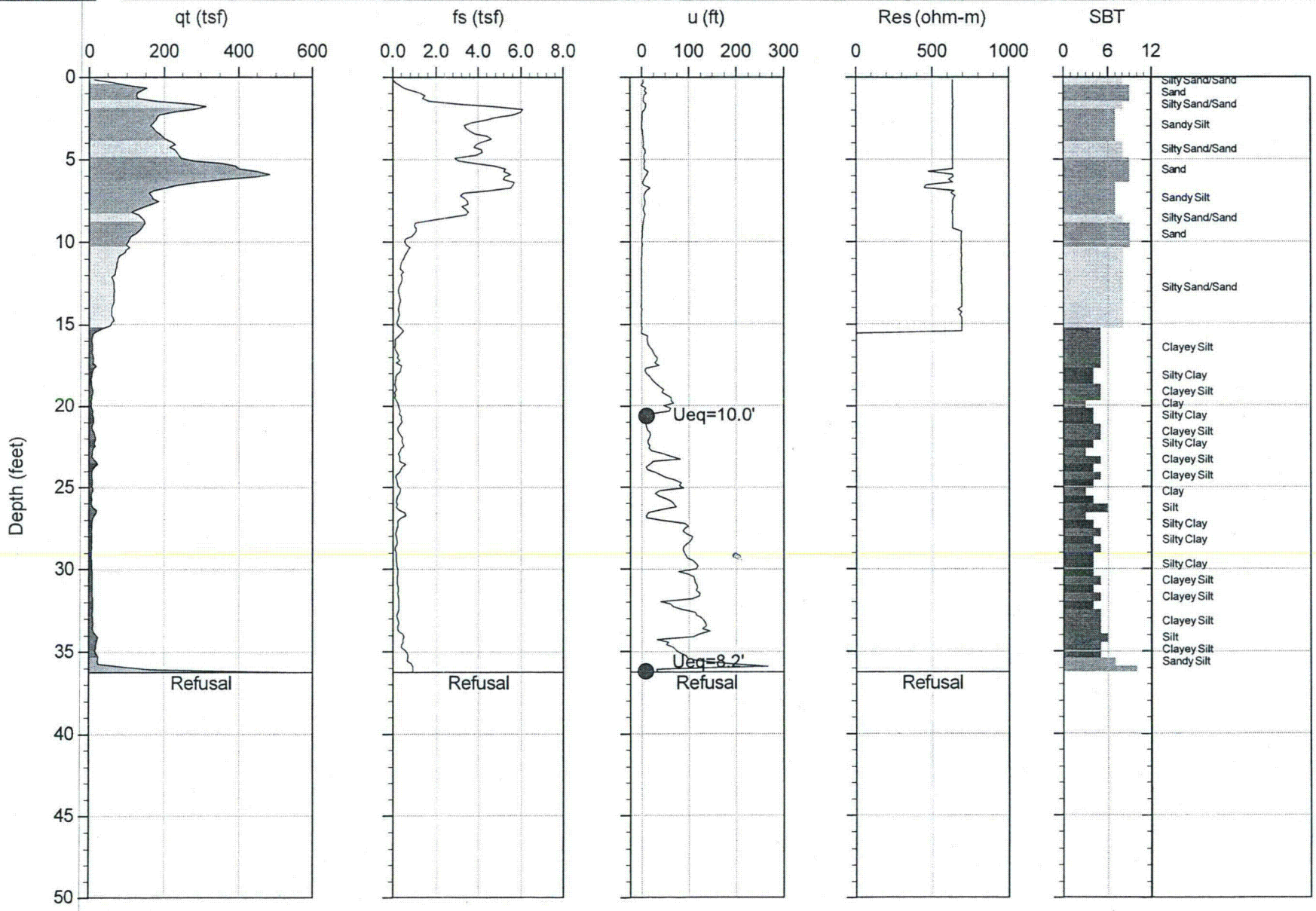
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648633 Long: -108.498283
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 13:01
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-06
Cone: 155:T1500F15U500



Max Depth: 11.050 m / 36.25 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP06.COR
Unit Wt: SBT Chart Soil Zones

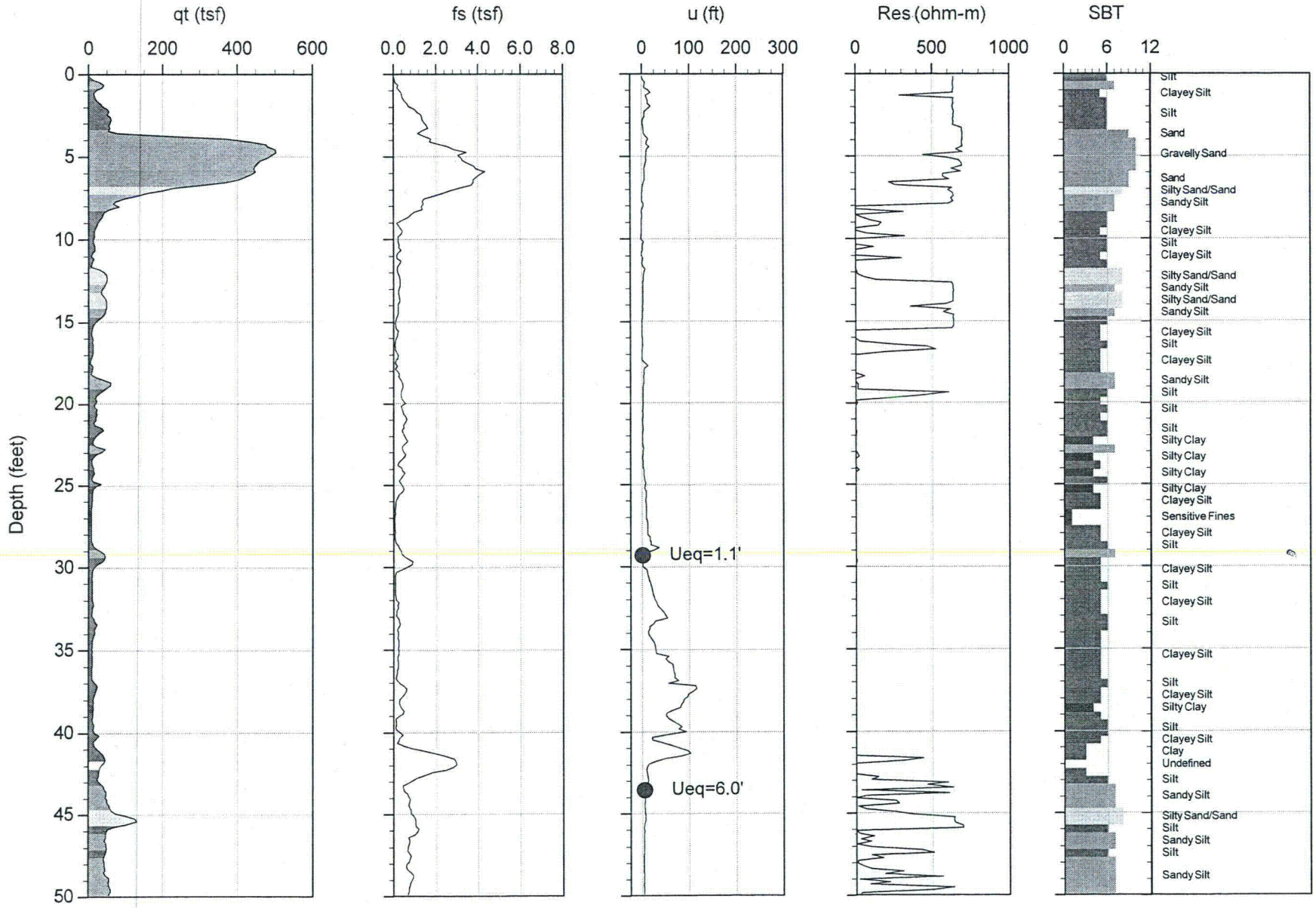
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648250 Long: -108.497050
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 11:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155:T1500F15U500



Max Depth: 21.350 m / 70.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP07.COR
Unit Wt: SBT Chart Soil Zones

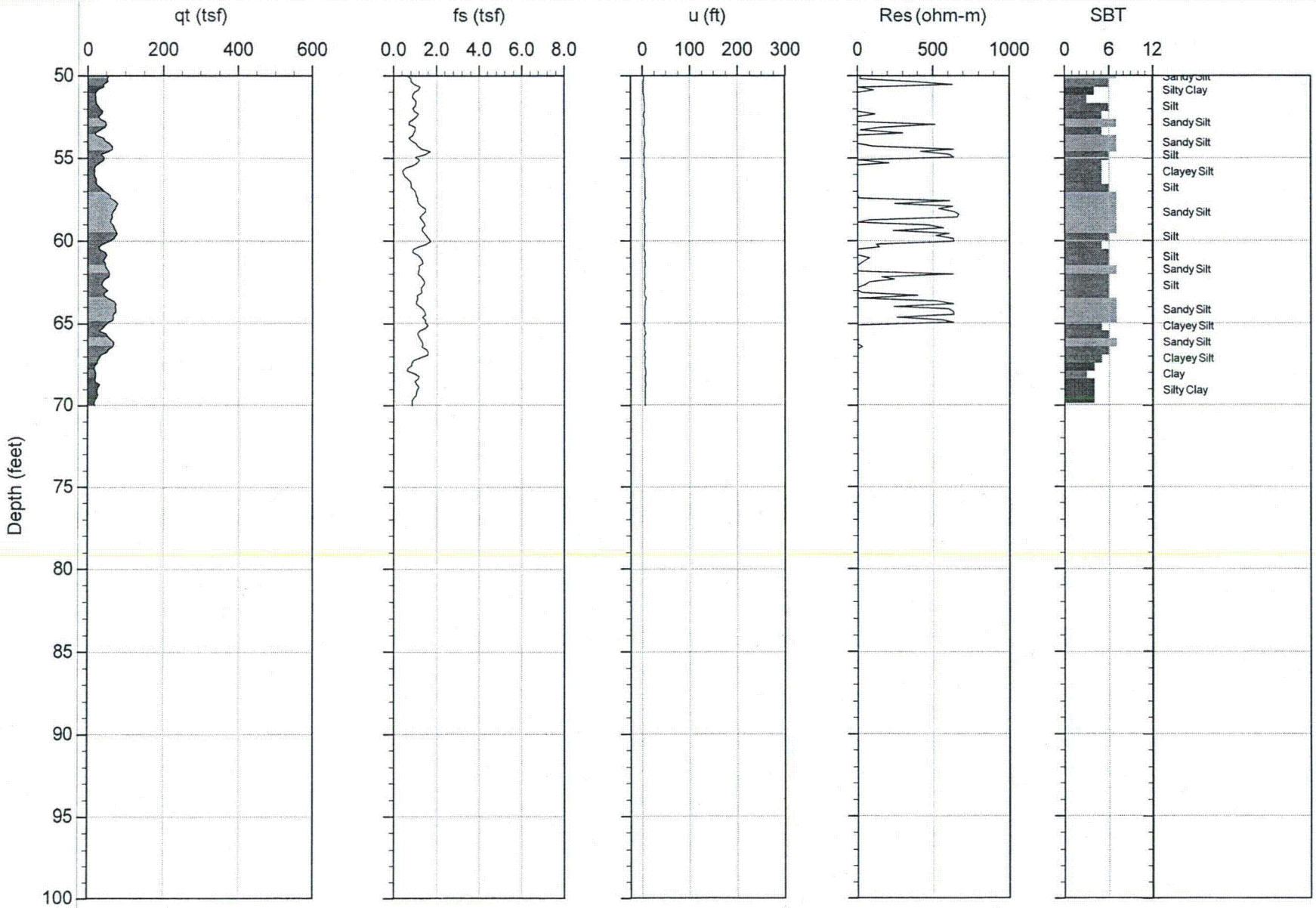
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647600 Long: -108.501200
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 11:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155:T1500F15U500



Max Depth: 21.350 m / 70.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP07.COR
Unit Wt: SBT Chart Soil Zones

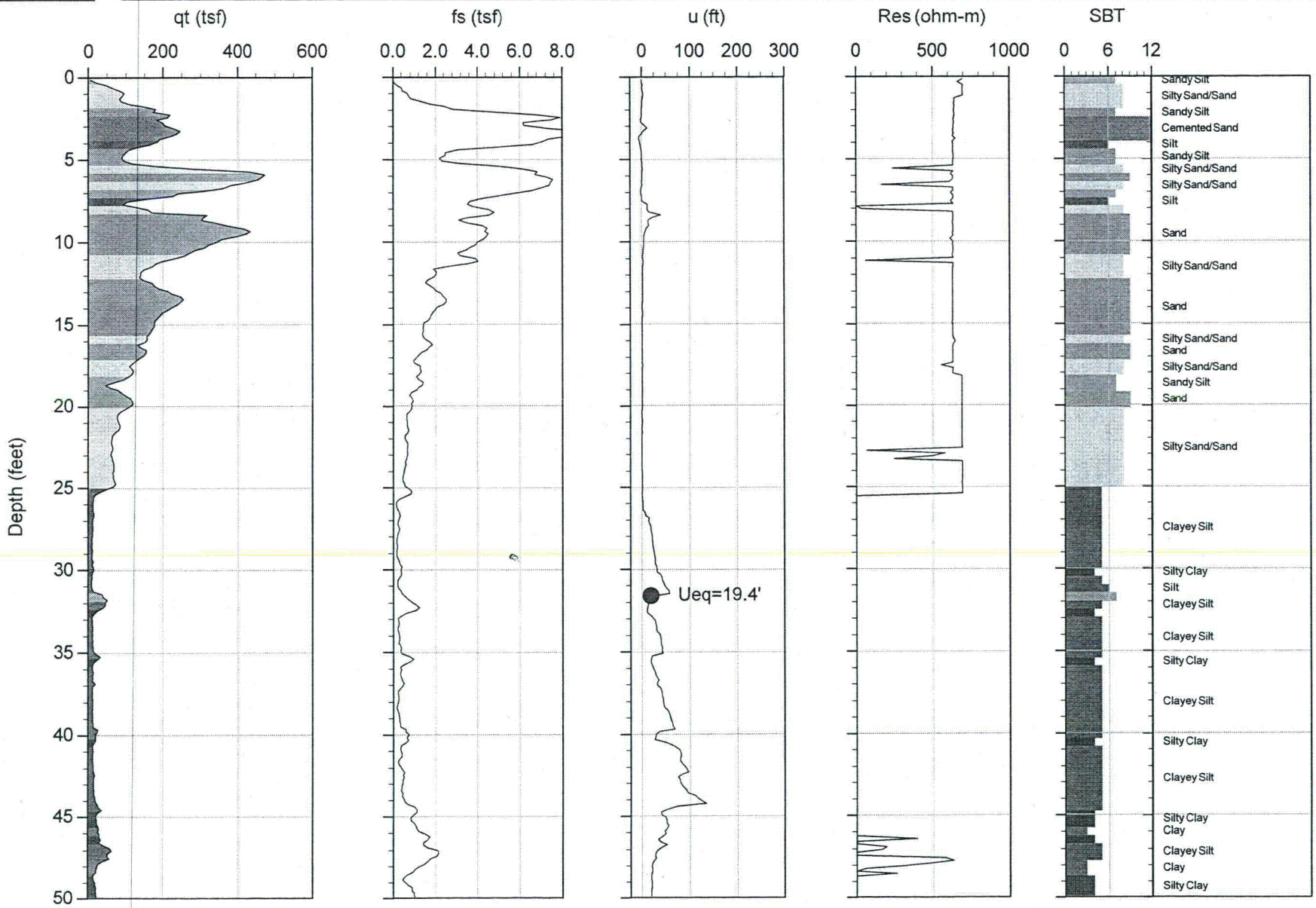
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647600 Long: -108.501200
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 08:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155:T1500F15U500



Max Depth: 18.550 m / 60.86 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP08.COR
Unit Wt: SBT Chart Soil Zones

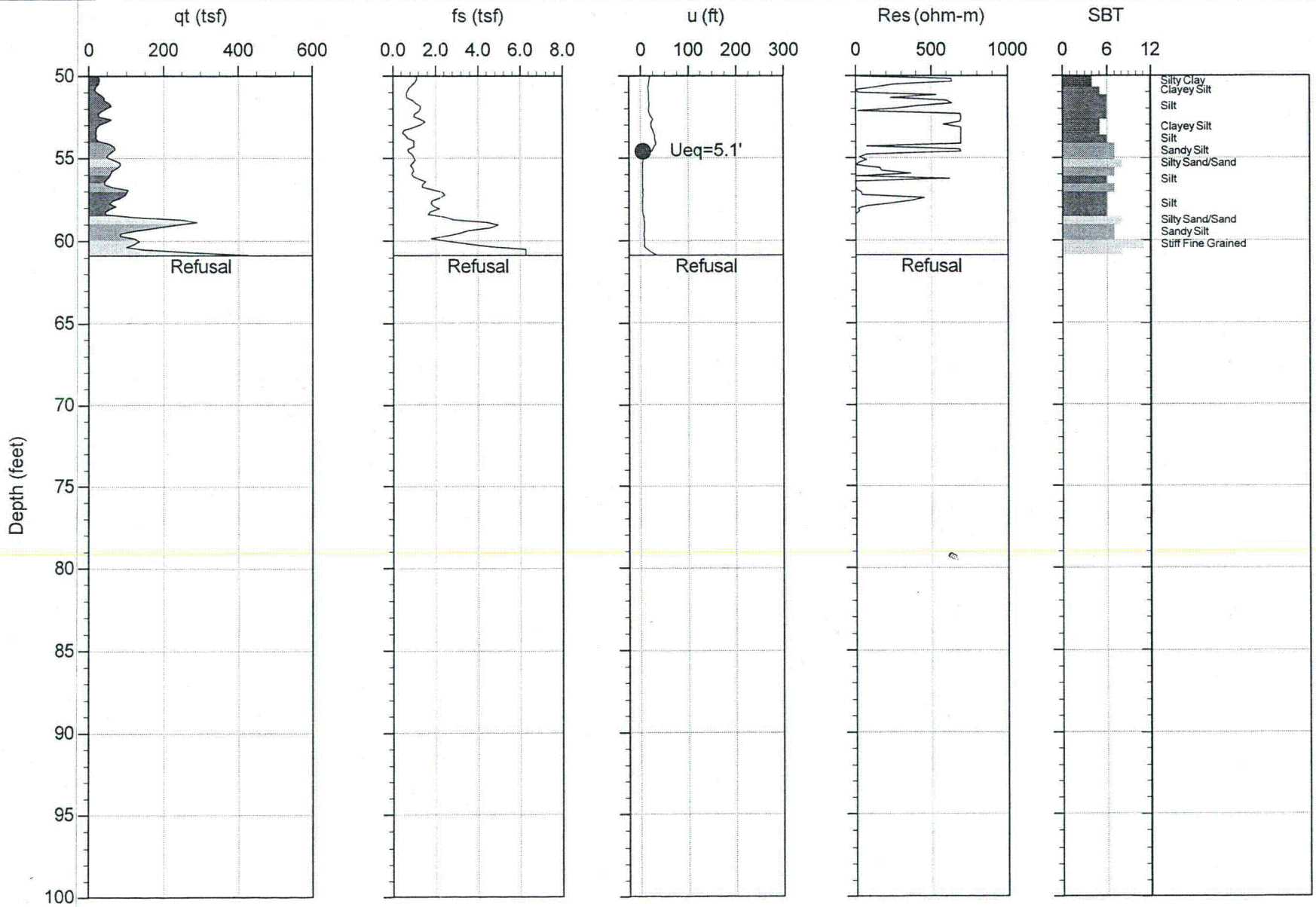
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.497250
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 08:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155:T1500F15U500



Max Depth: 18.550 m / 60.86 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP08.COR
Unit Wt: SBT Chart Soil Zones

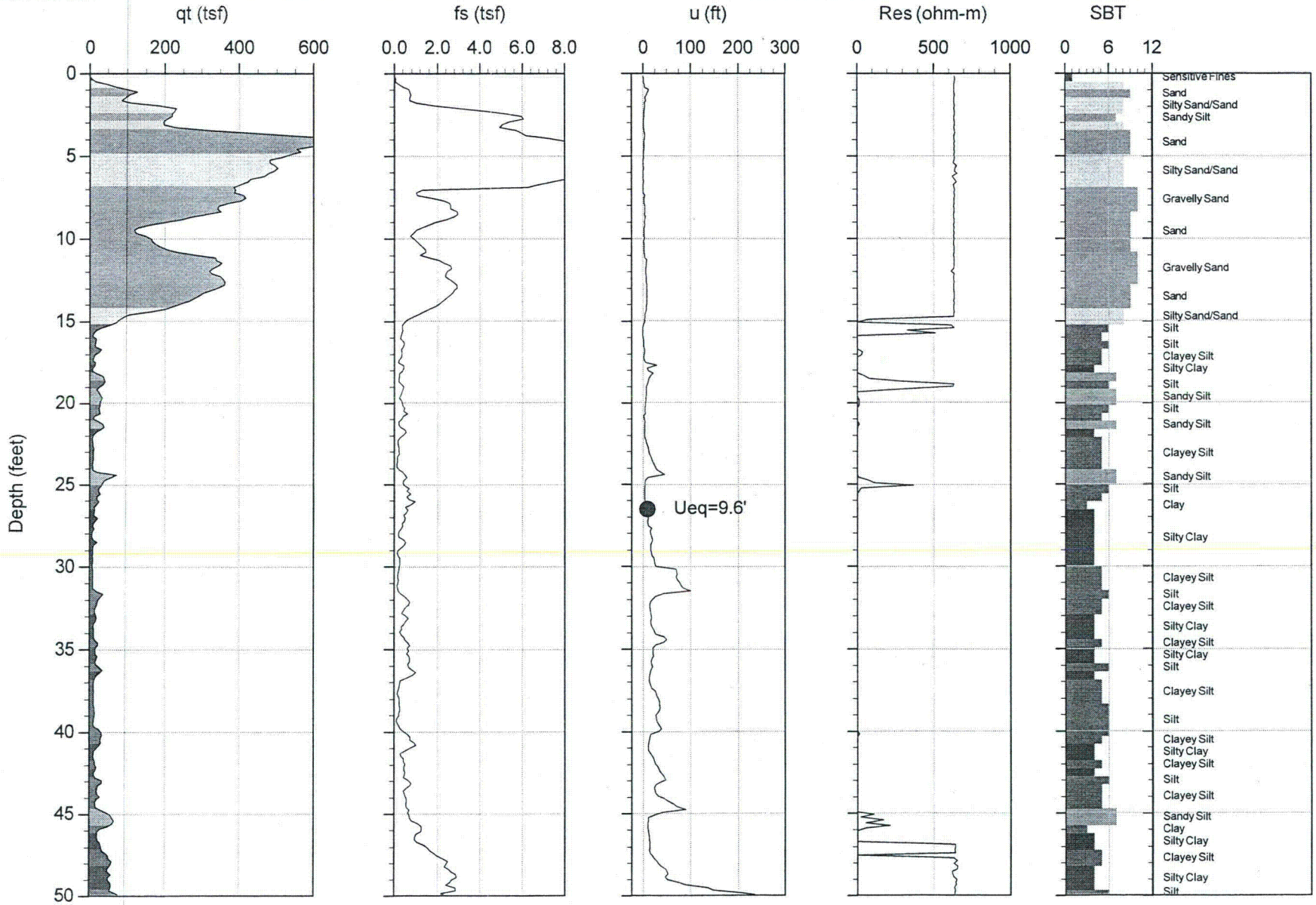
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.497250
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 14:52
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-09
Cone: 155:T1500F15U500



Max Depth: 21.150 m / 69.39 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP09.COR
Unit Wt: SBT Chart Soil Zones

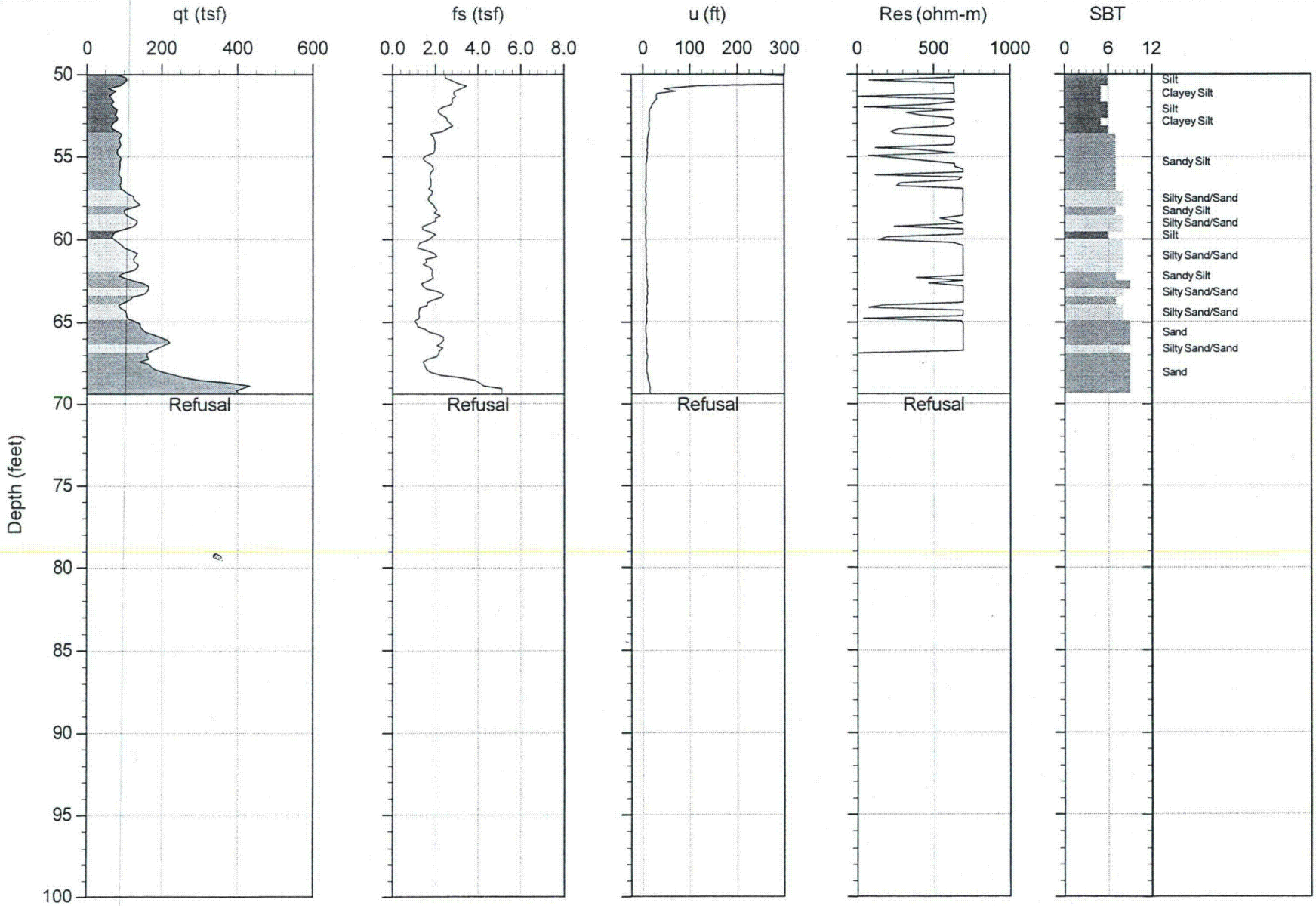
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 14:52
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-09
Cone: 155:T1500F15U500



Max Depth: 21.150 m / 69.39 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP09.COR
Unit Wt: SBT Chart Soil Zones

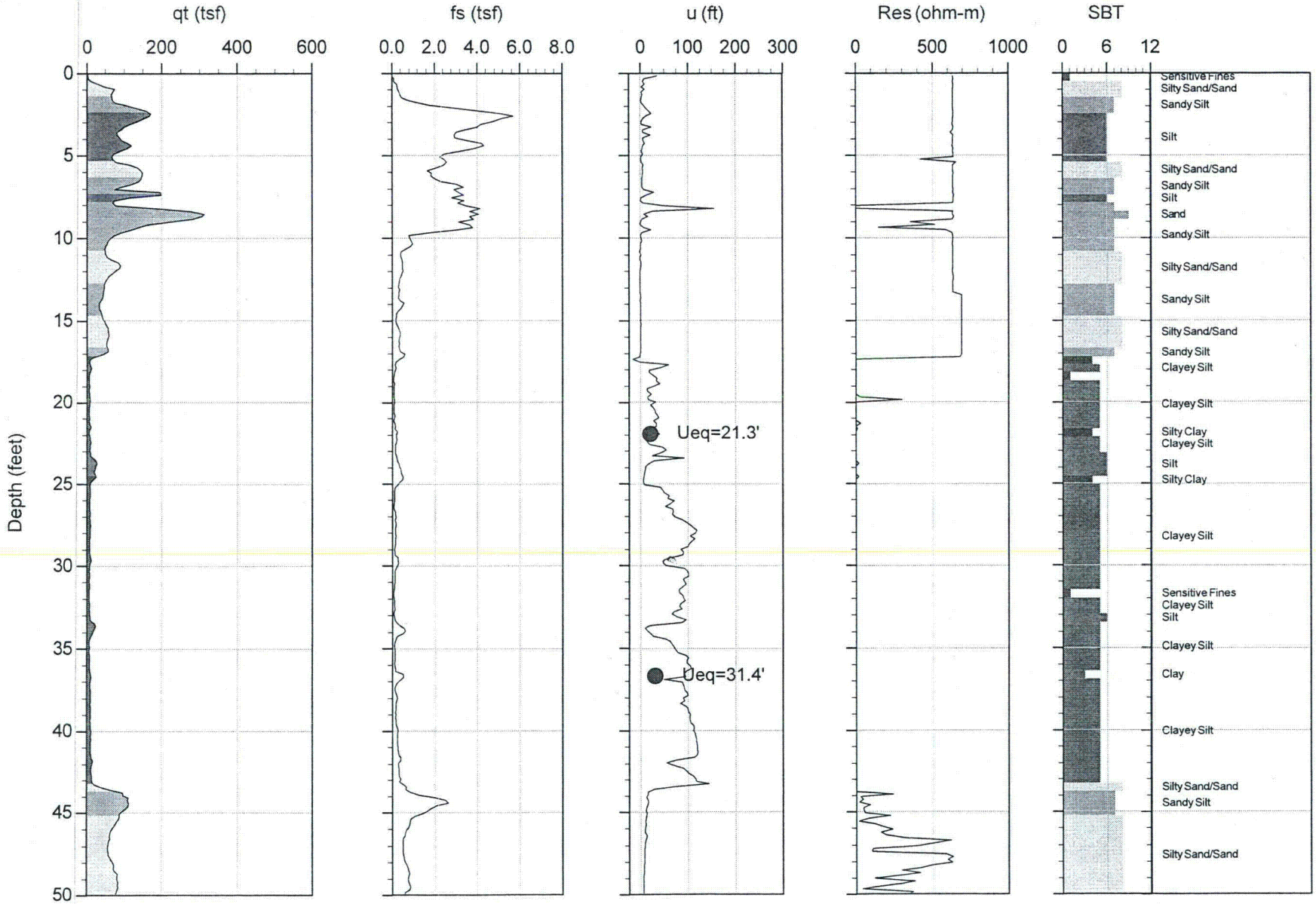
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 10:23
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155:T1500F15U500



Max Depth: 19.250 m / 63.16 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP10.COR
Unit Wt: SBT Chart Soil Zones

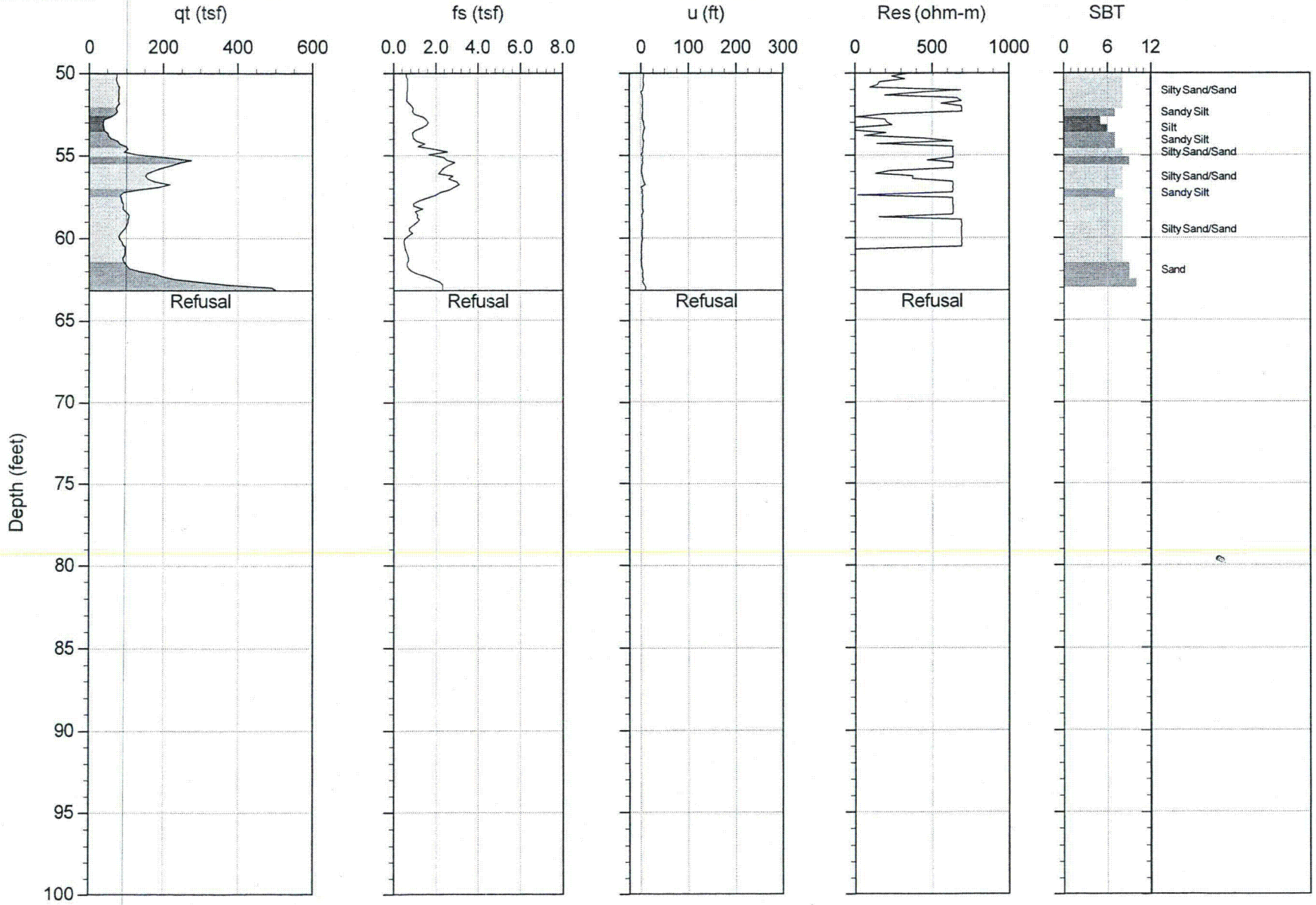
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647833 Long: -108.497217
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 10:23
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155:T1500F15U500



Max Depth: 19.250 m / 63.16 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP10.COR
Unit Wt: SBT Chart Soil Zones

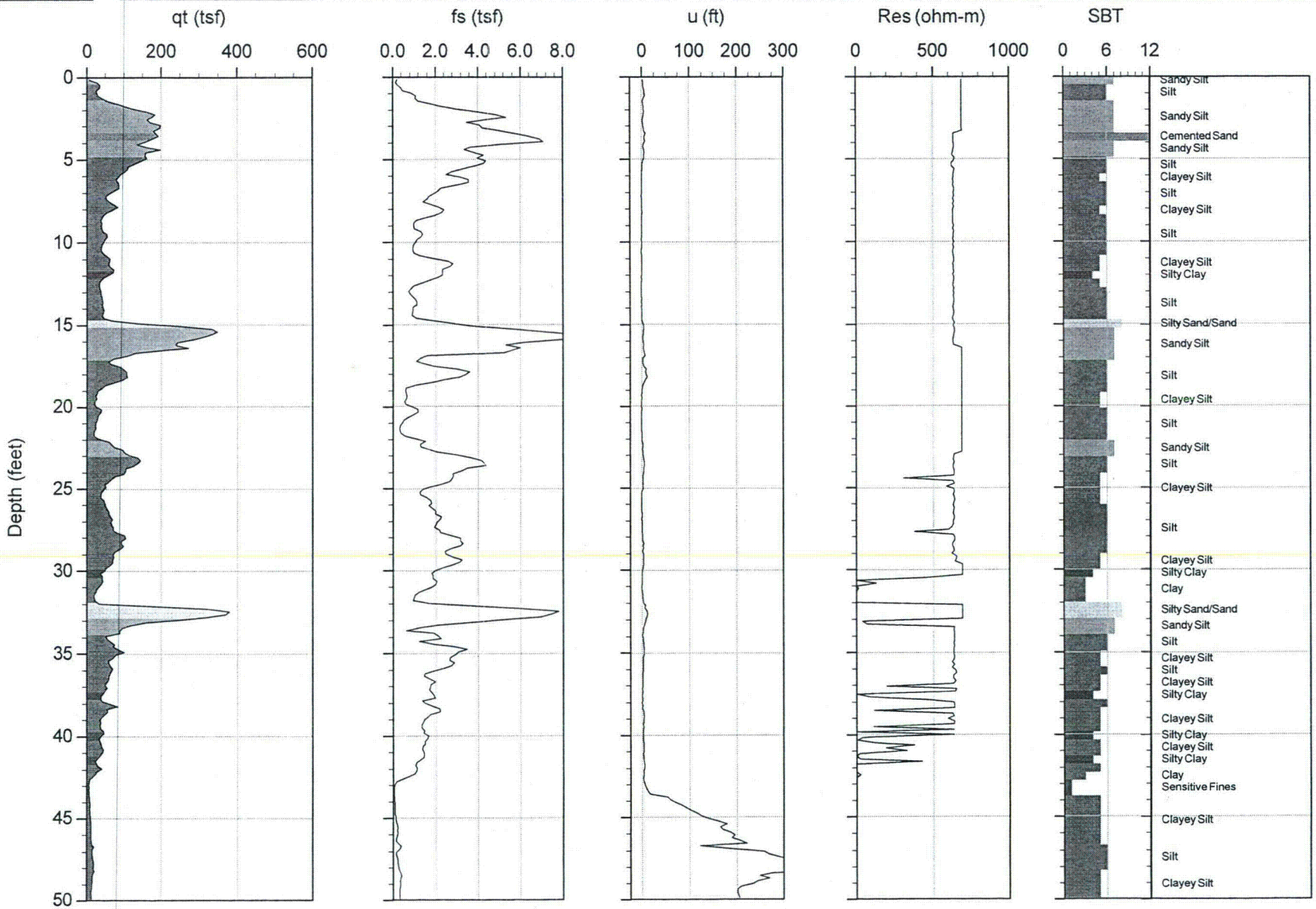
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647833 Long: -108.497217
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 12:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155:T1500F15U500



Max Depth: 29.500 m / 96.78 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP11.COR
Unit Wt: SBT Chart Soil Zones

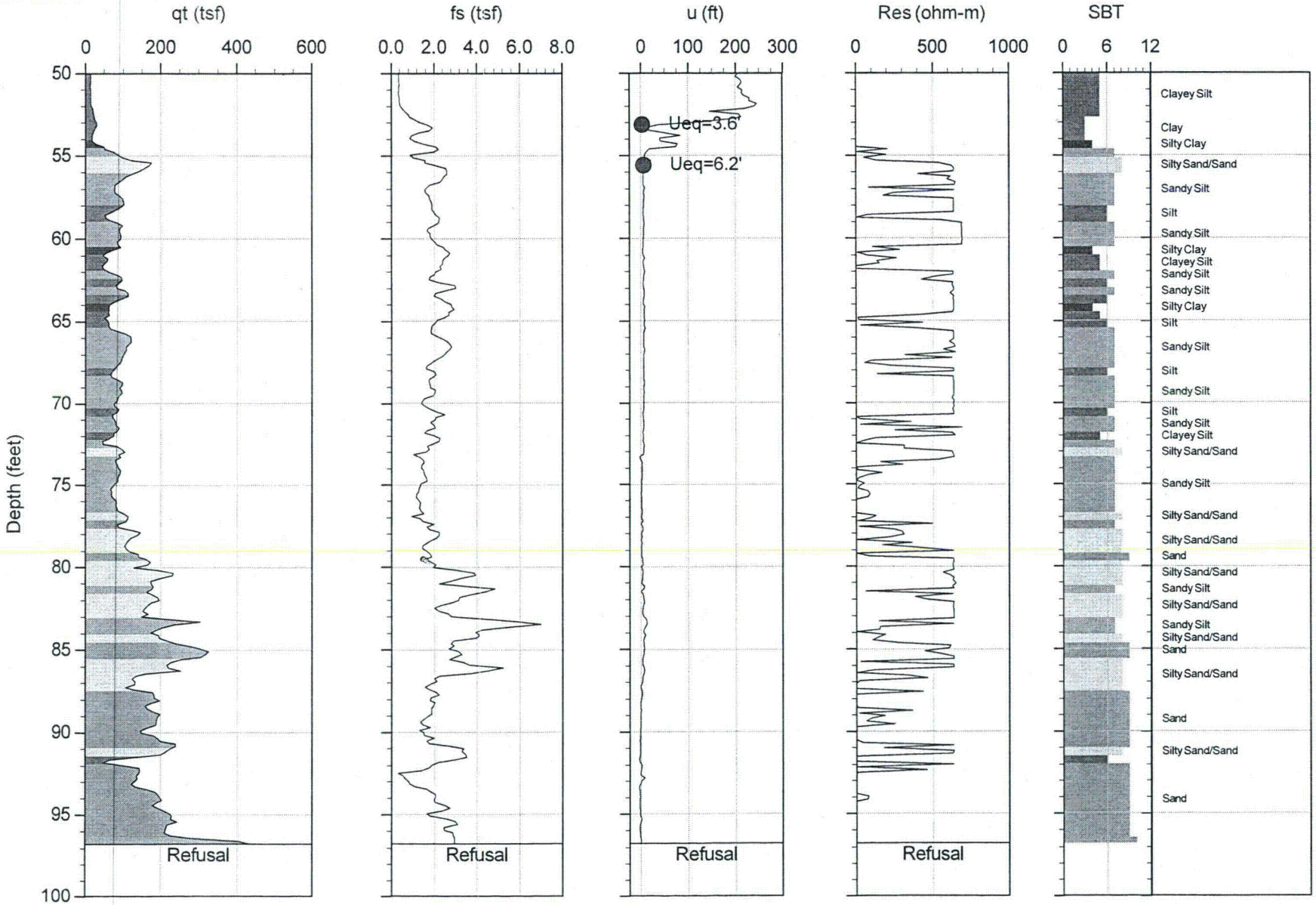
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647650 Long: -108.495850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 12:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155:T1500F15U500



Max Depth: 29.500 m / 96.78 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP11.COR
Unit Wt: SBT Chart Soil Zones

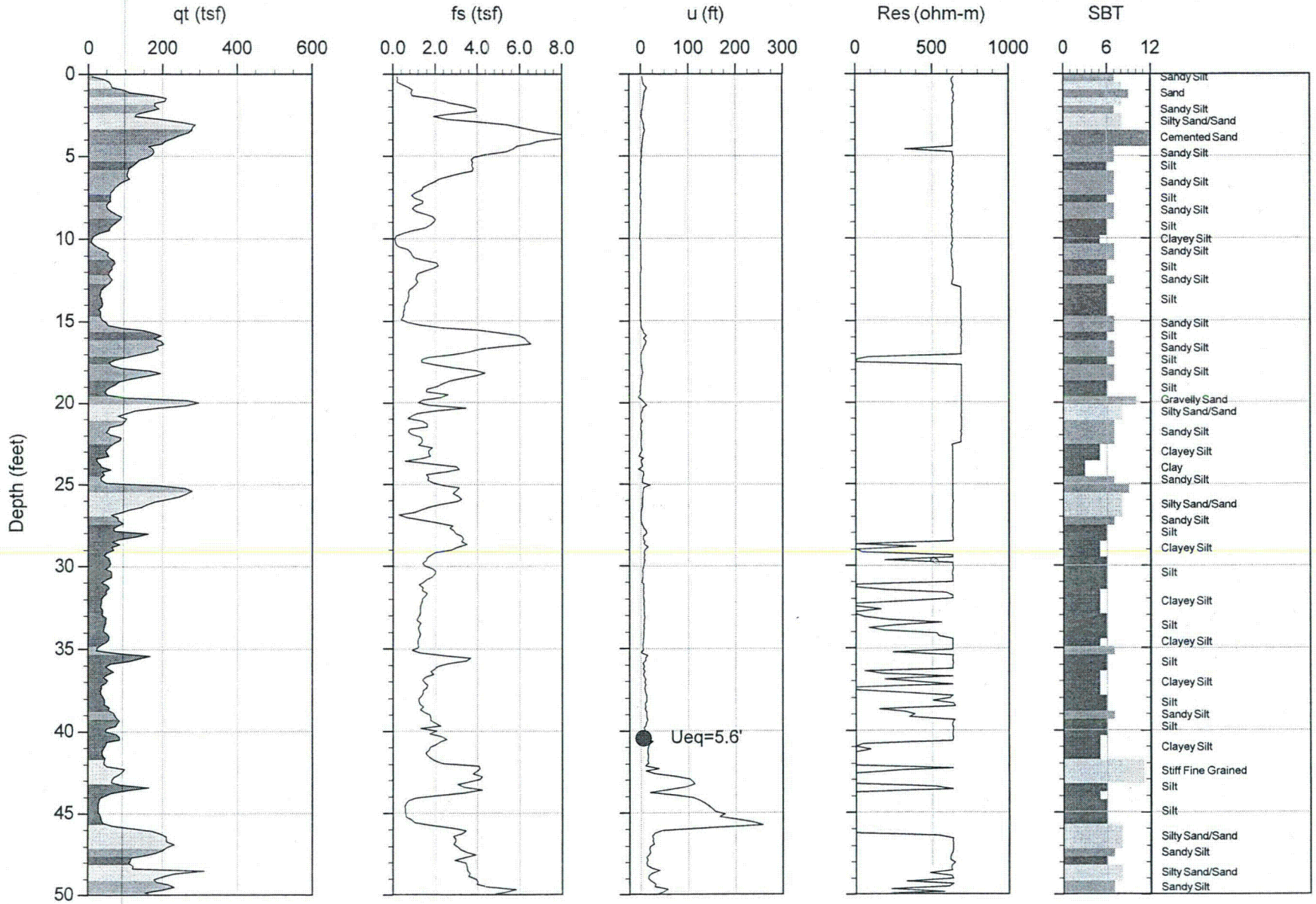
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647650 Long: -108.495850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 10:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-12
Cone: 155:T1500F15U500



Max Depth: 16.000 m / 52.49 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP12.COR
Unit Wt: SBT Chart Soil Zones

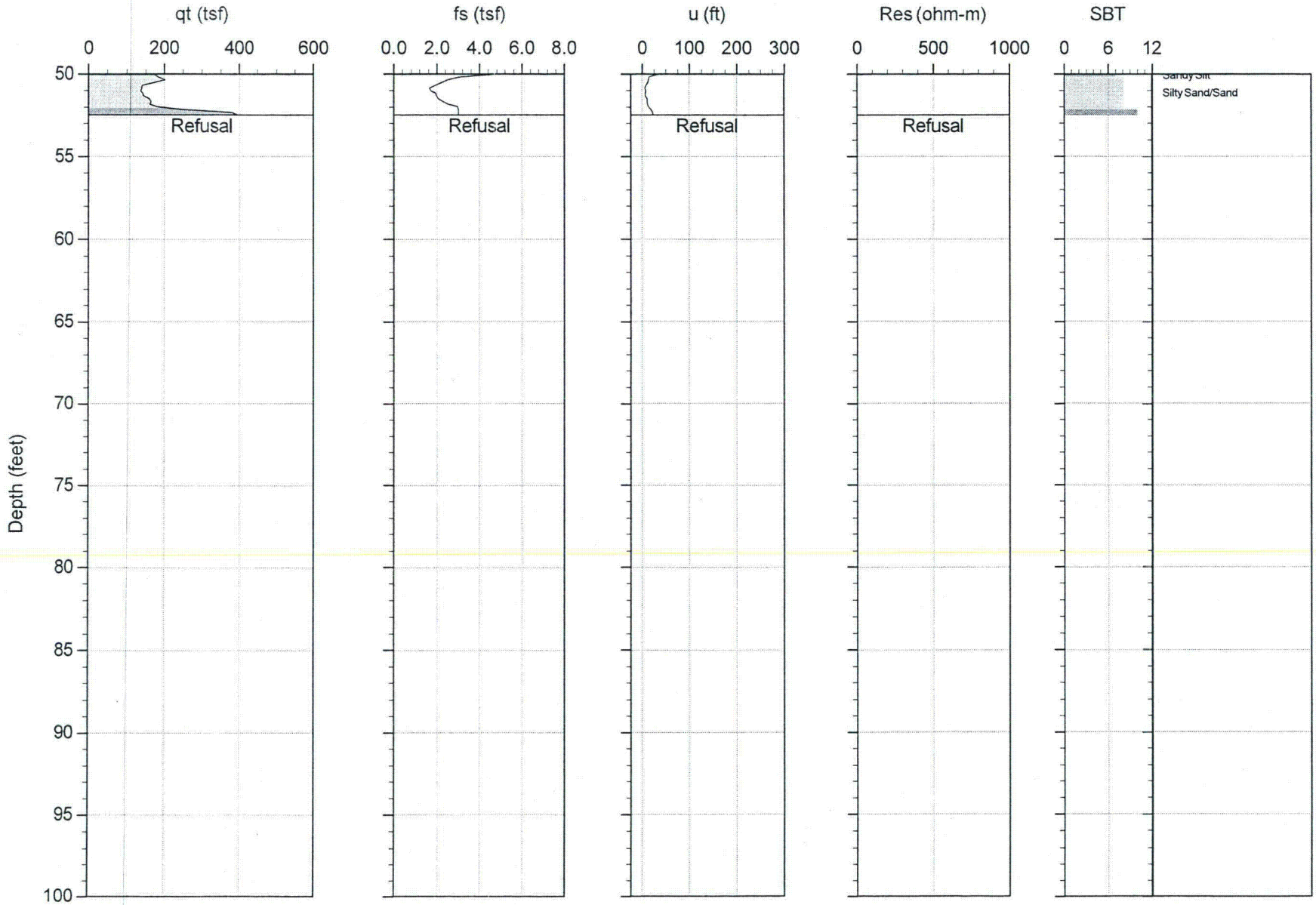
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 10:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-12
Cone: 155:T1500F15U500



Max Depth: 16.000 m / 52.49 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP12.COR
Unit Wt: SBT Chart Soil Zones

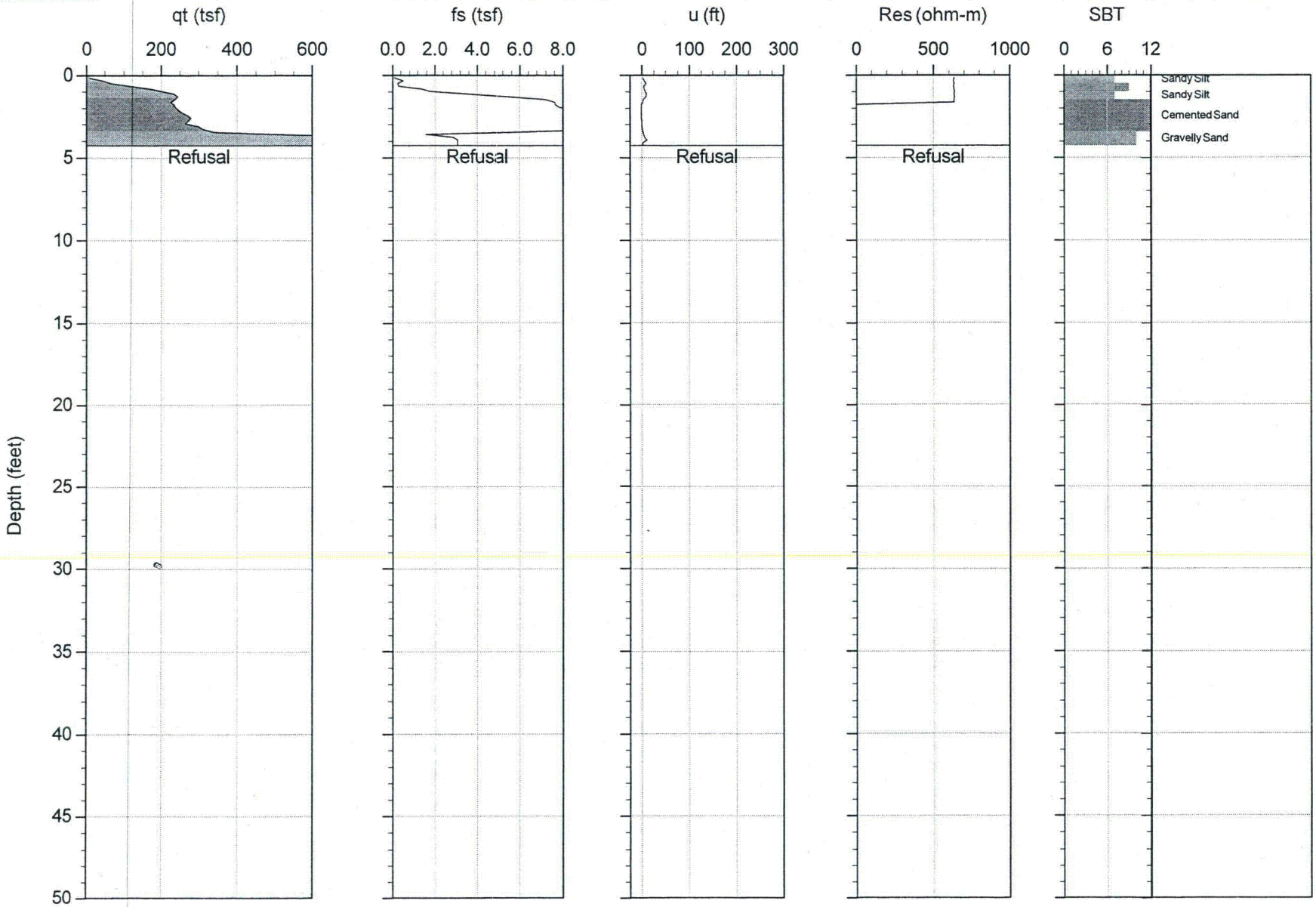
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 09:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-13
Cone: 155:T1500F15U500



Max Depth: 1.300 m / 4.27 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP13.COR
Unit Wt: SBT Chart Soil Zones

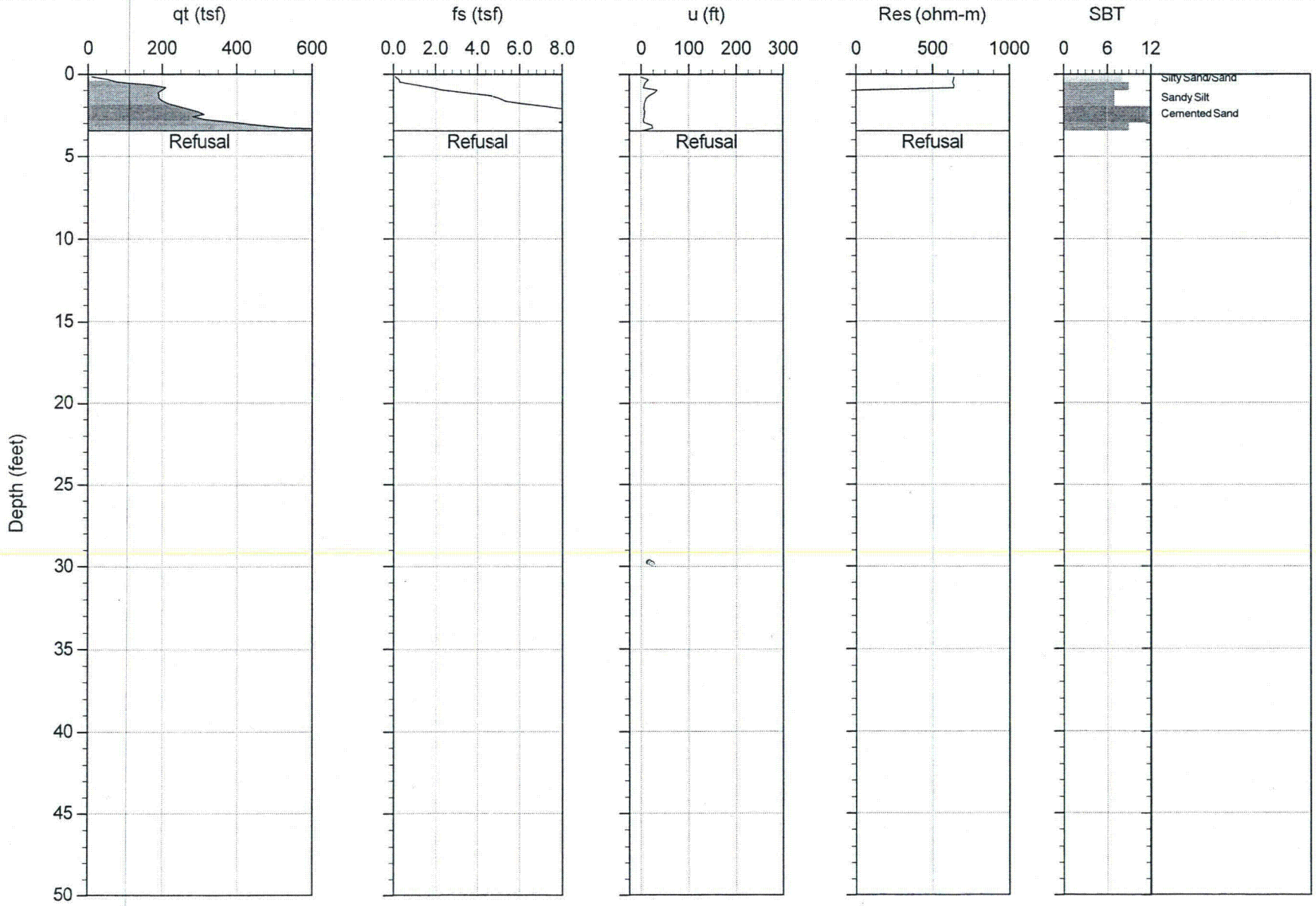
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649067 Long: -108.499383
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 10:03
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-13B
Cone: 155:T1500F15U500



Max Depth: 1.050 m / 3.44 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP13B.COR
Unit Wt: SBT Chart Soil Zones

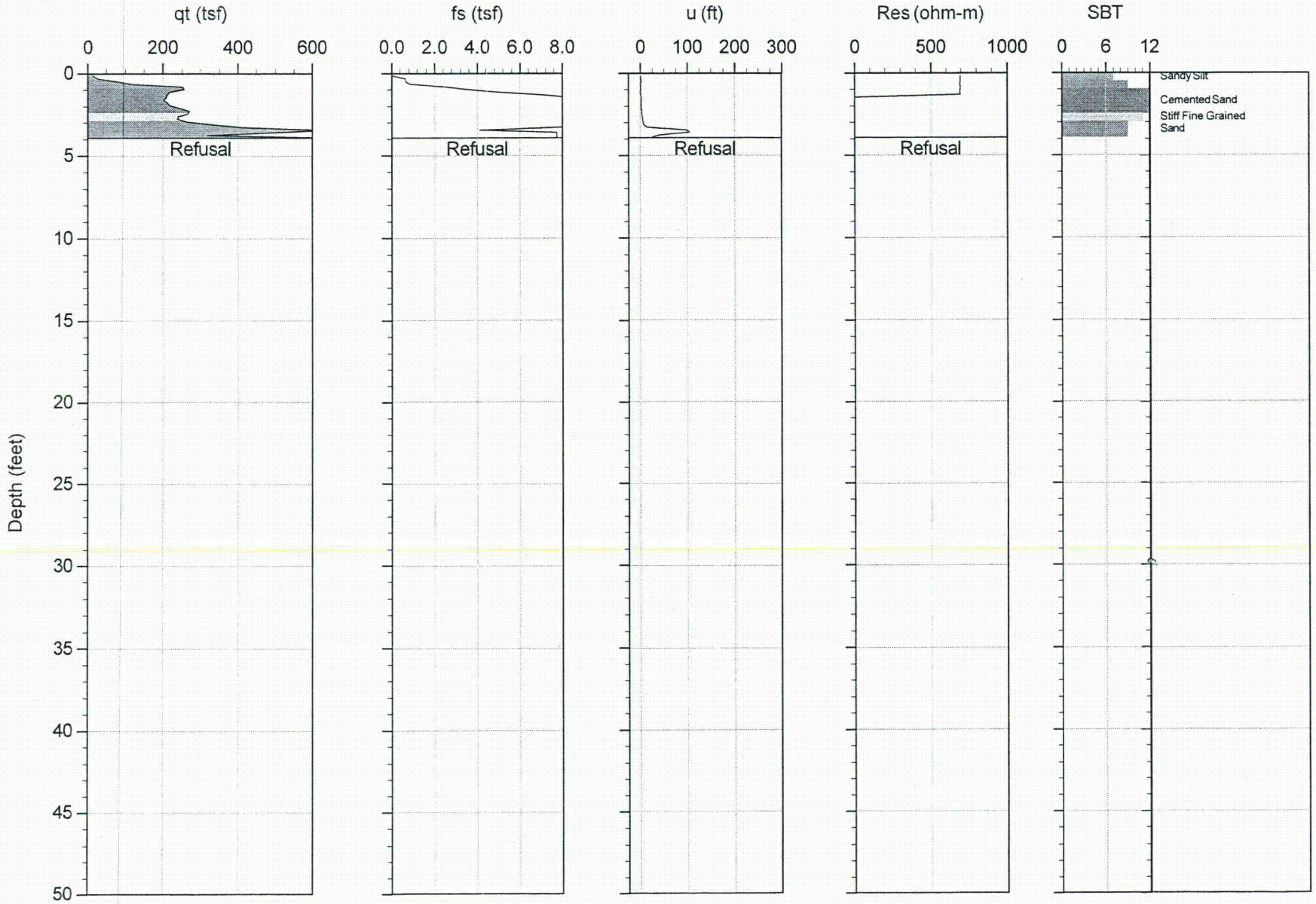
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649067 Long: -108.499367
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 10:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-13BC
Cone: 155:T1500F15U500



Max Depth: 1.200 m / 3.94 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP13C.COR
Unit Wt: SBT Chart Soil Zones

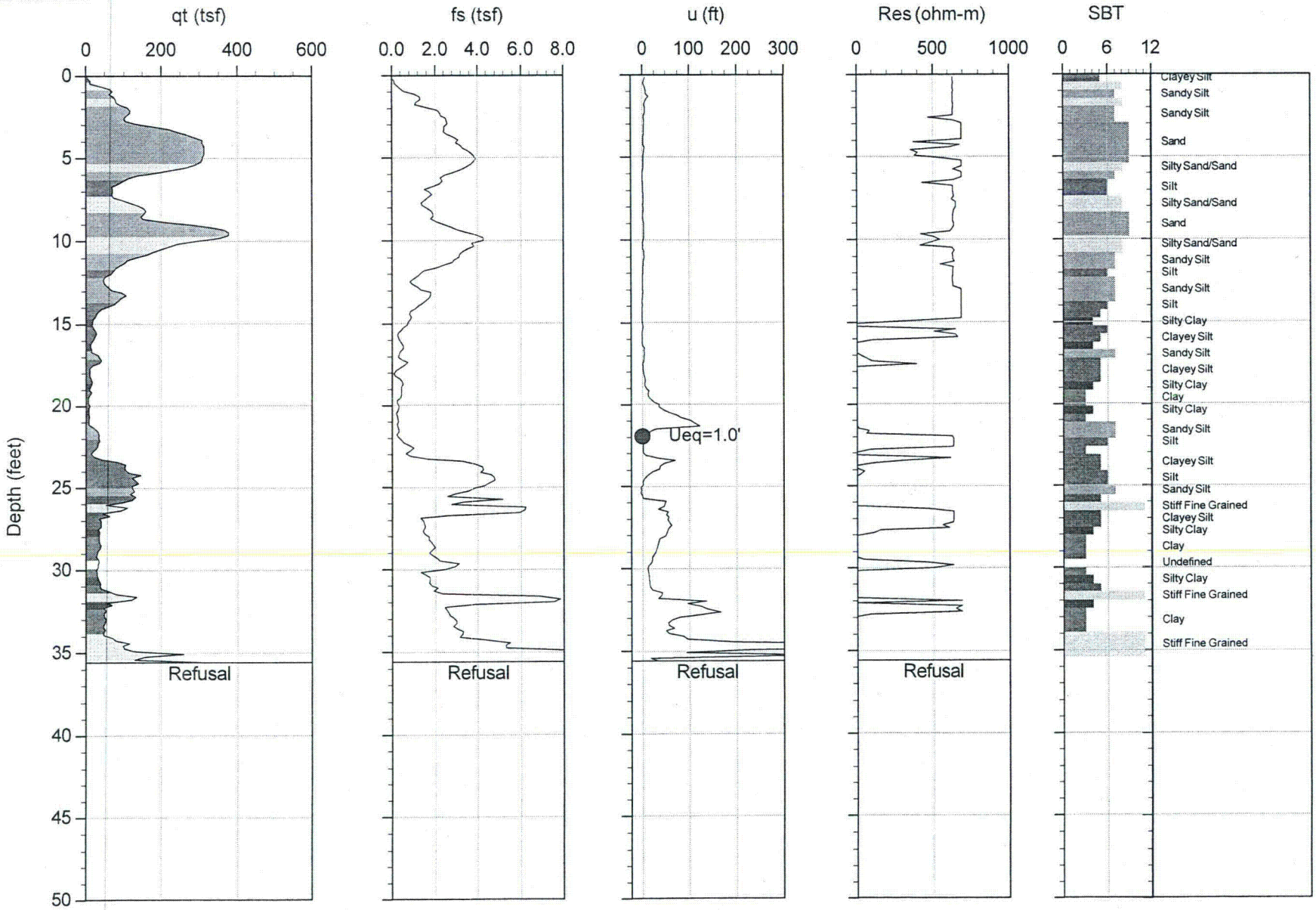
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649083 Long: -108.499400
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 14:30
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-14
Cone: 155:T1500F15U500



Max Depth: 10.850 m / 35.60 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP14.COR
Unit Wt: SBT Chart Soil Zones

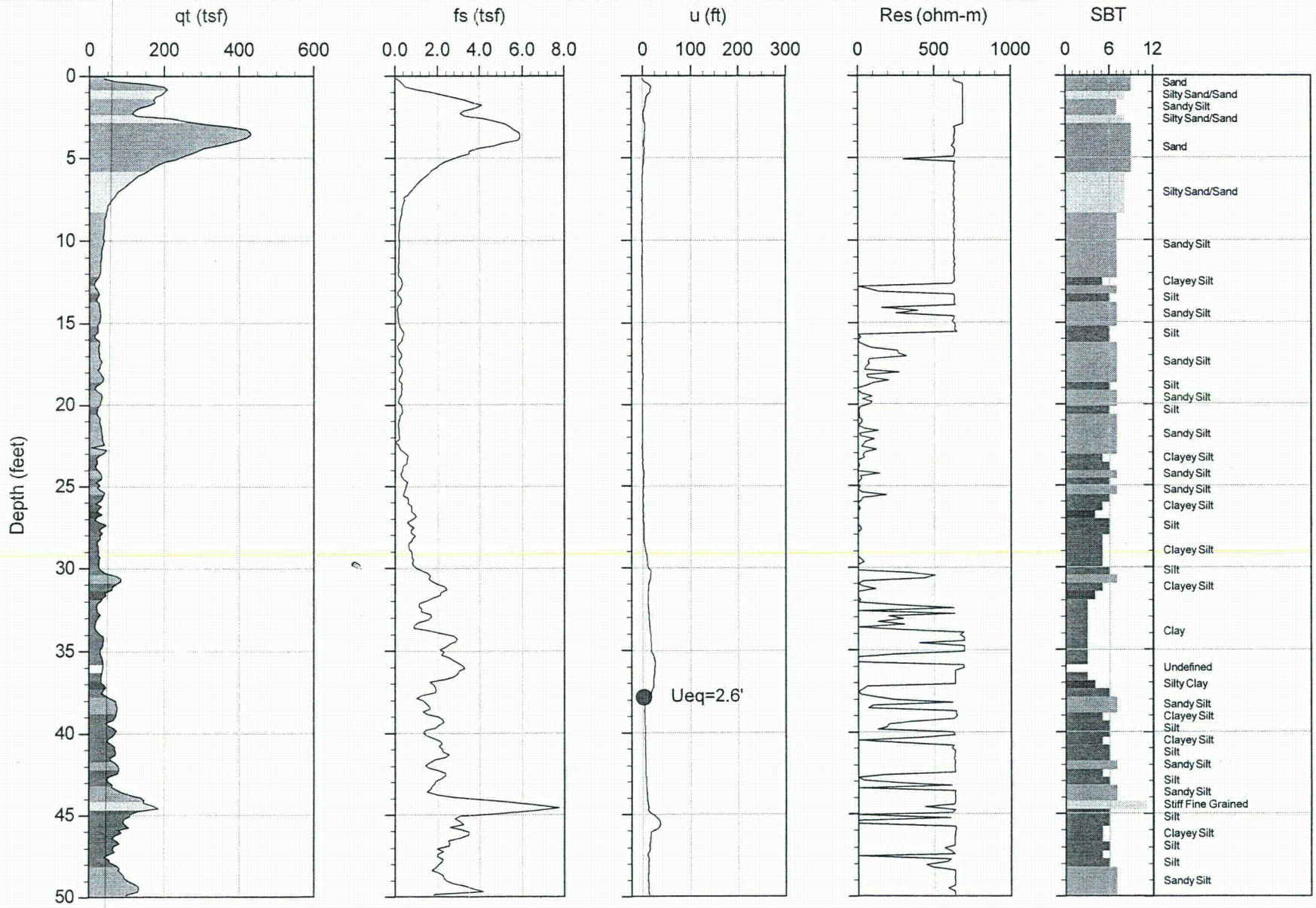
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647233 Long: -108.497867
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 16:32
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-15
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP15.COR
Unit Wt: SBT Chart Soil Zones

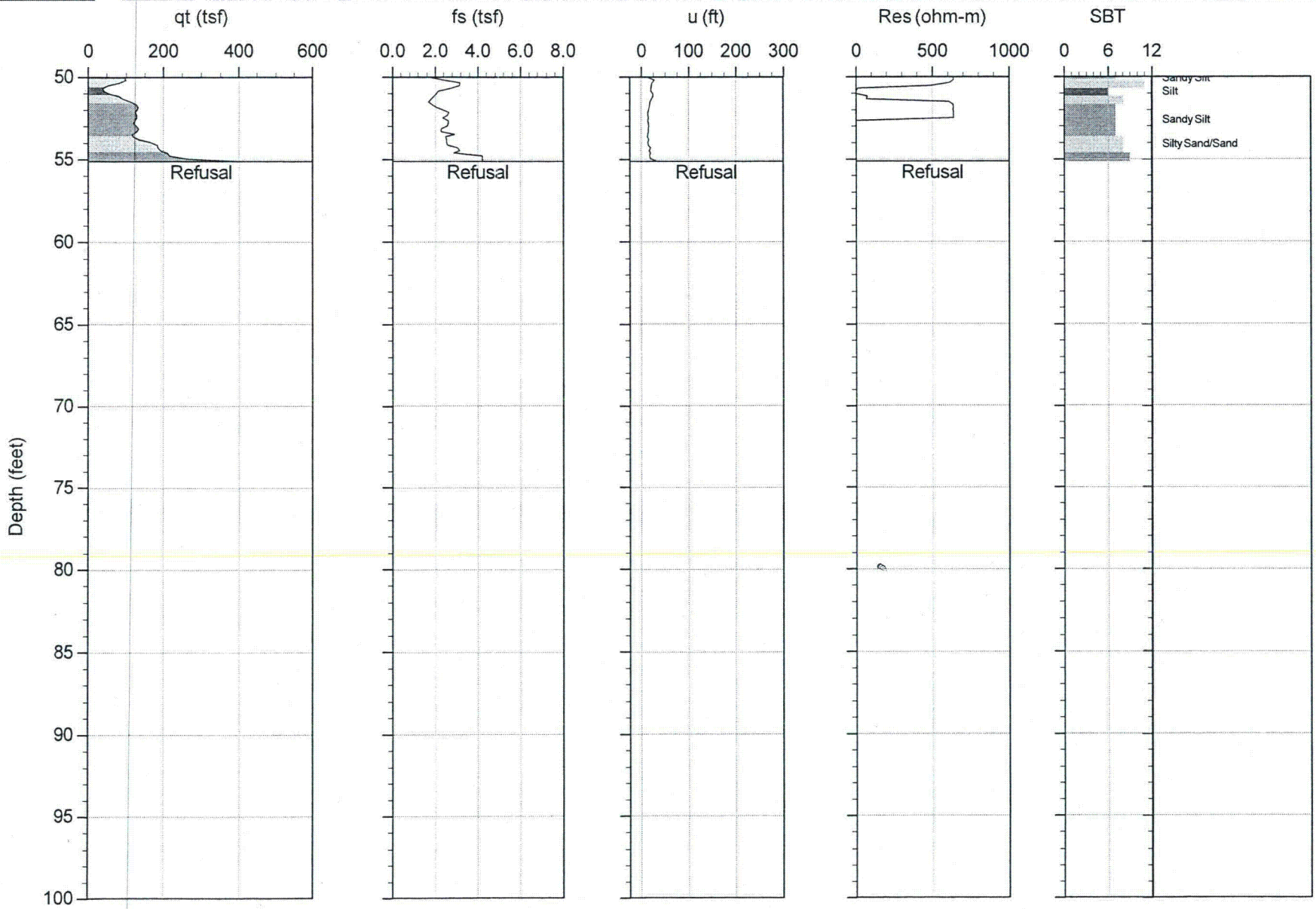
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 16:32
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-15
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP15.COR
Unit Wt: SBT Chart Soil Zones

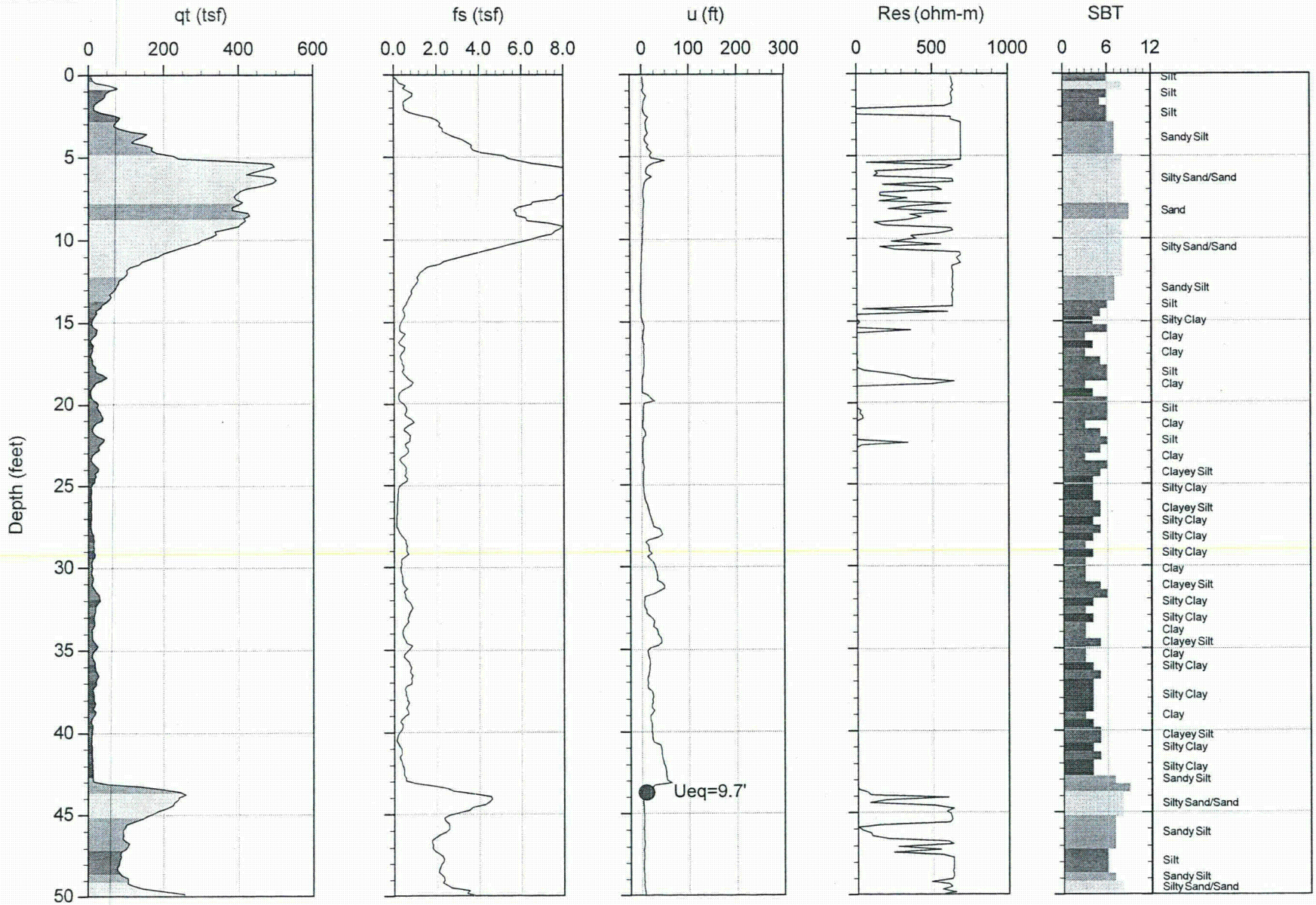
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 12:56
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-16
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP16.COR
Unit Wt: SBT Chart Soil Zones

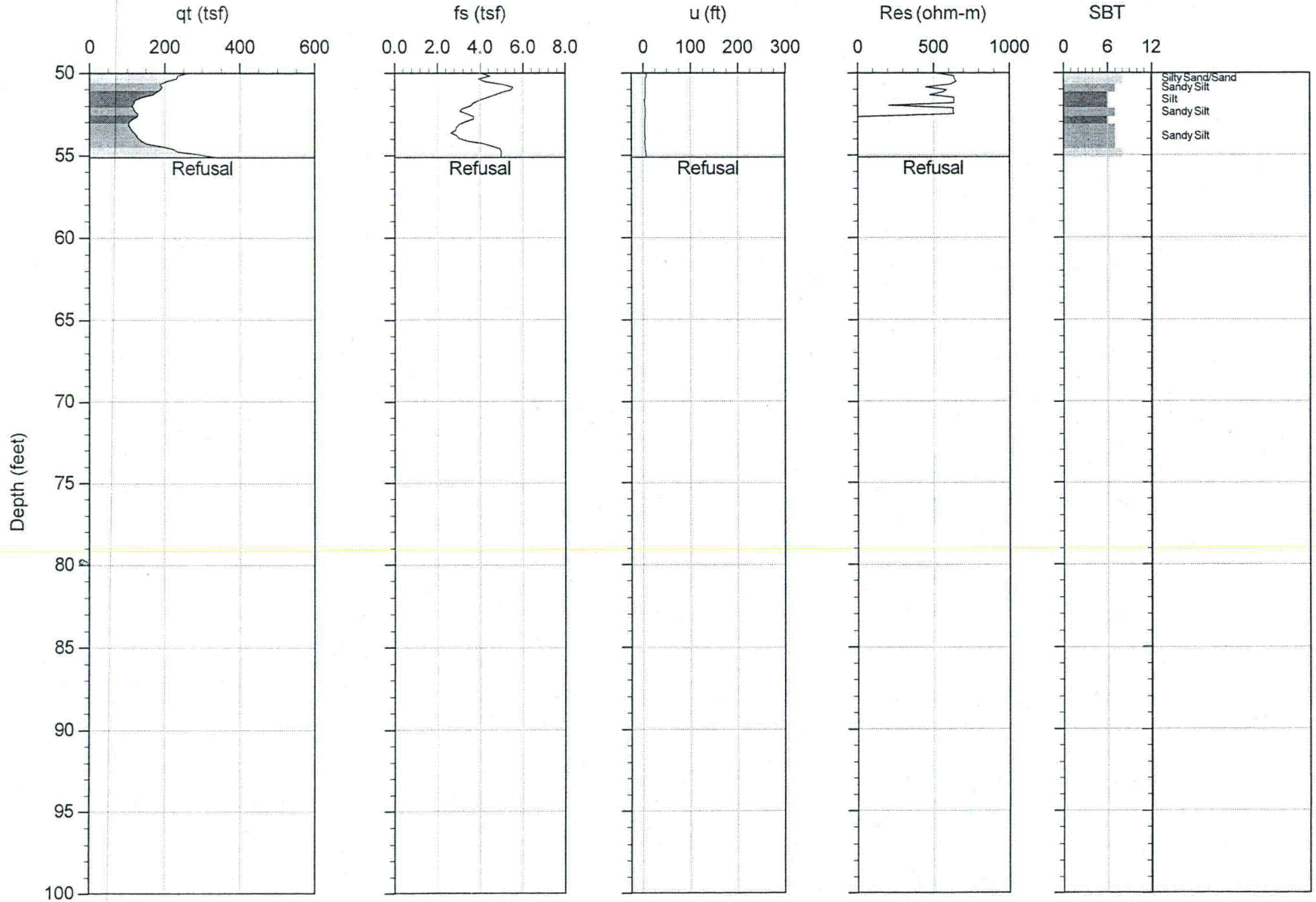
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648200 Long: -108.497850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 12:56
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-16
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP16.COR
Unit Wt: SBT Chart Soil Zones

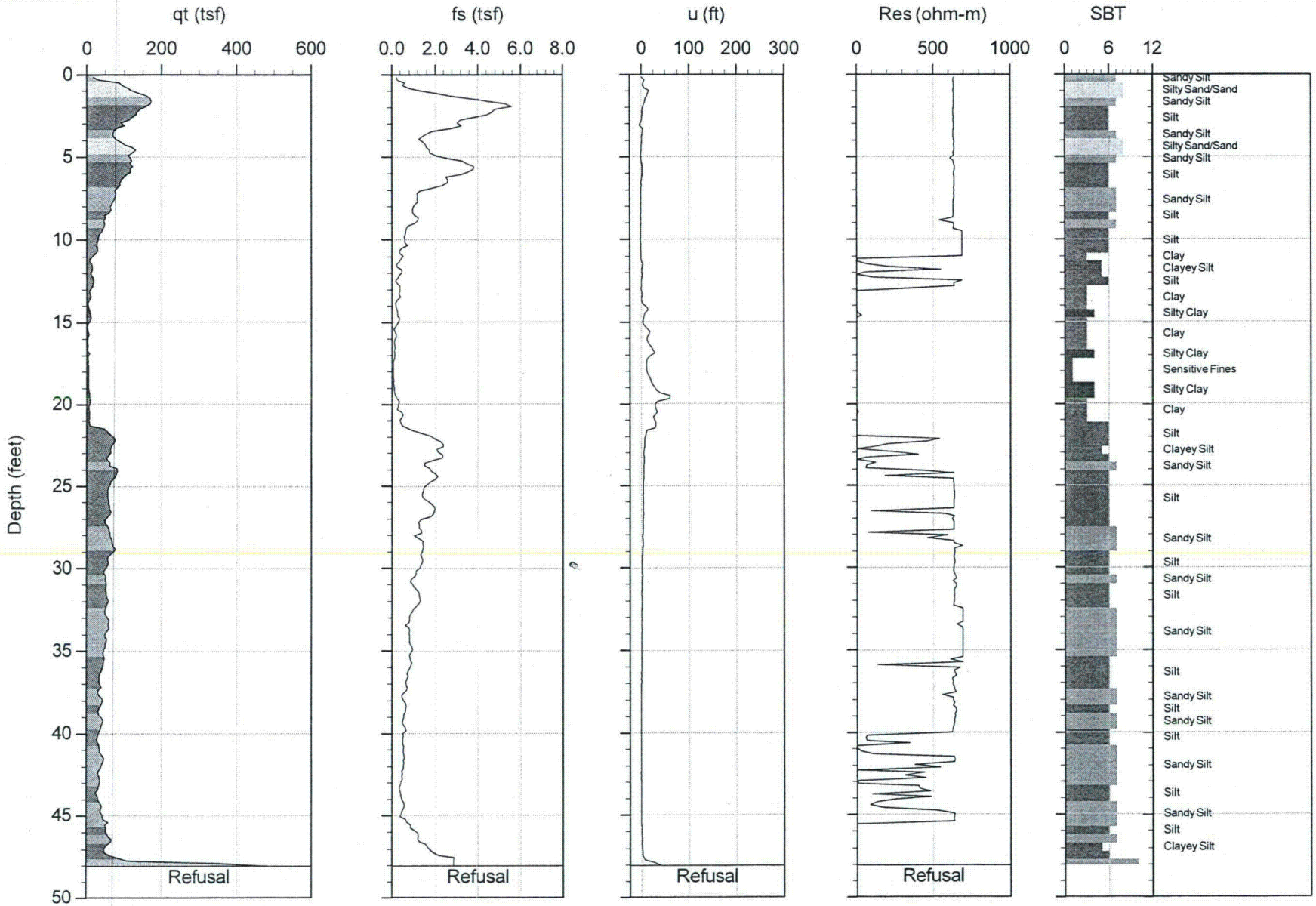
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648200 Long: -108.497850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 14:32
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-17
Cone: 155:T1500F15U500



Max Depth: 14.650 m / 48.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP17.COR
Unit Wt: SBT Chart Soil Zones

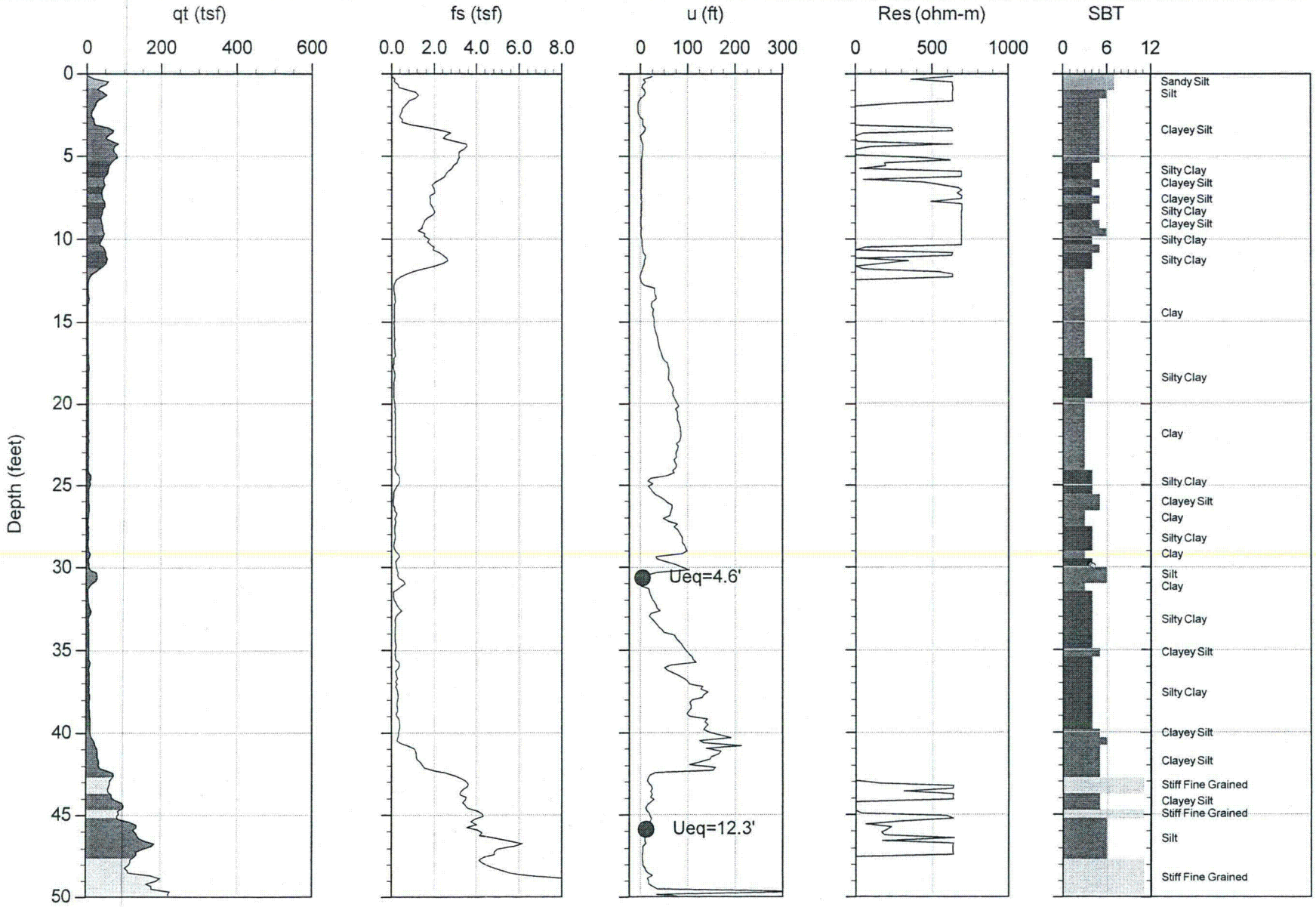
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648617 Long: -108.496383
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 10:46
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-18
Cone: 155:T1500F15U500



Max Depth: 15.250 m / 50.03 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP18.COR
Unit Wt: SBT Chart Soil Zones

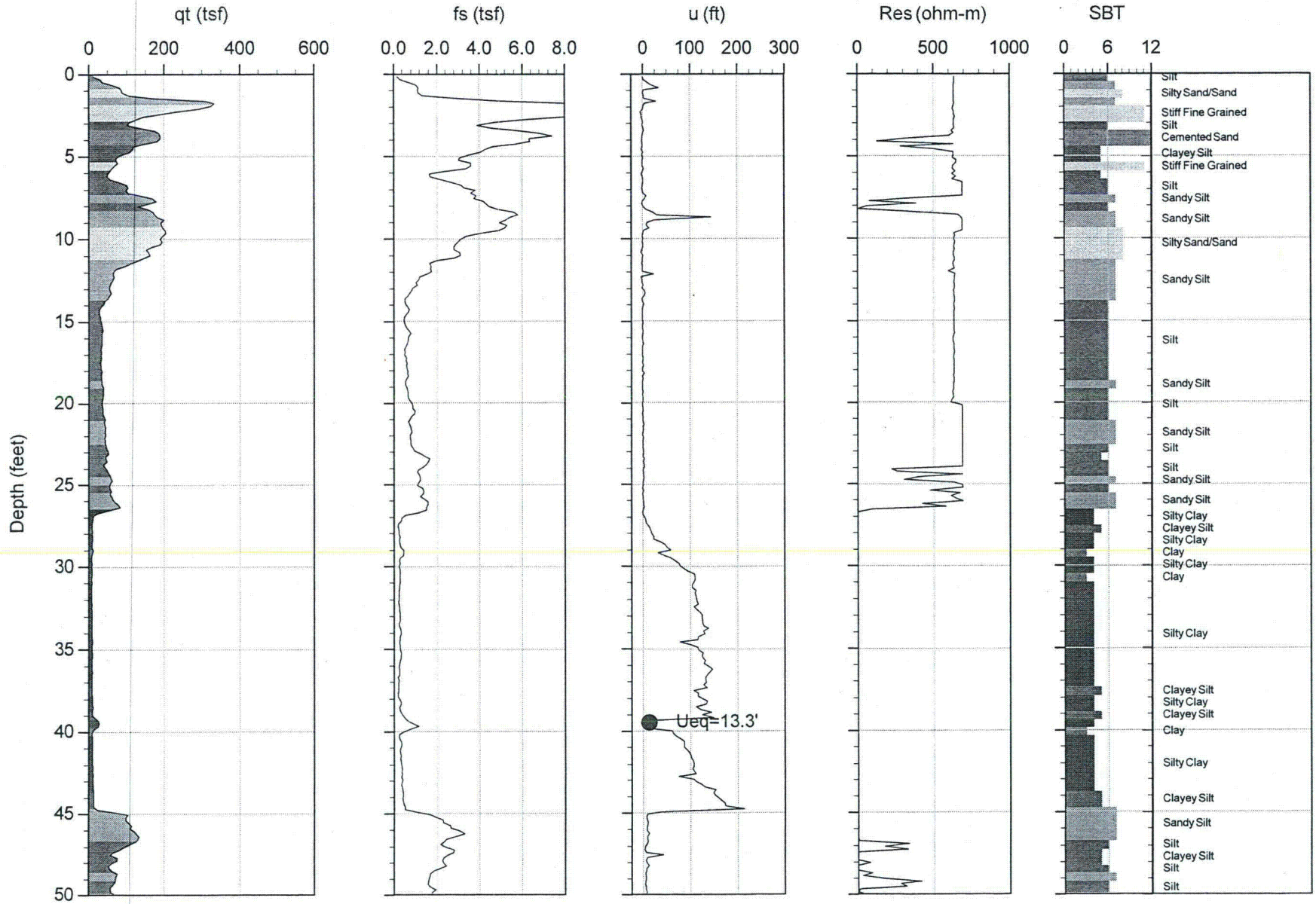
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648000 Long: -108.496683
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 11:56
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-19
Cone: 155:T1500F15U500



Max Depth: 17.750 m / 58.23 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP19.COR
Unit Wt: SBT Chart Soil Zones

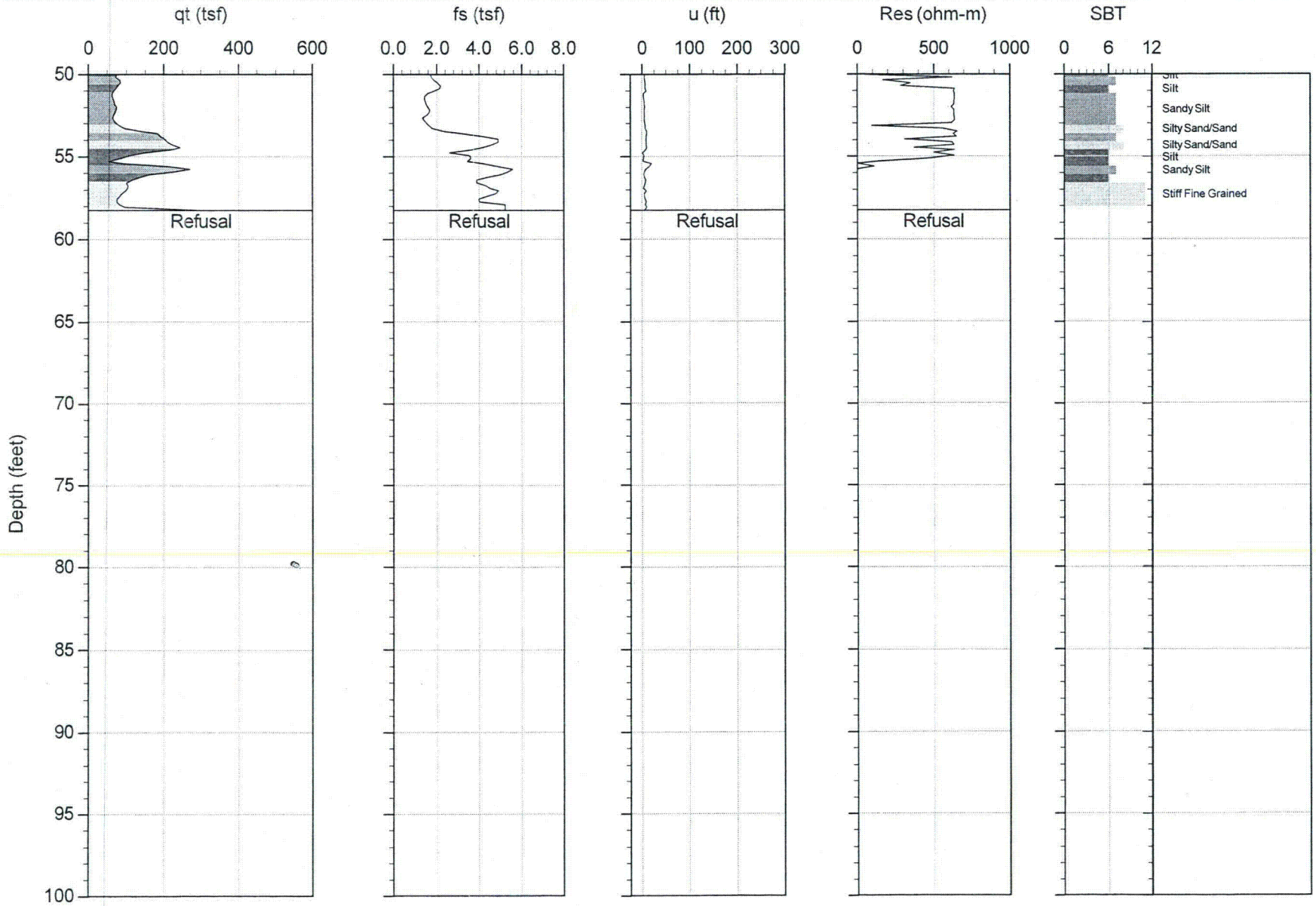
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647450 Long: -108.497000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 11:56
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-19
Cone: 155:T1500F15U500



Max Depth: 17.750 m / 58.23 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP19.COR
Unit Wt: SBT Chart Soil Zones

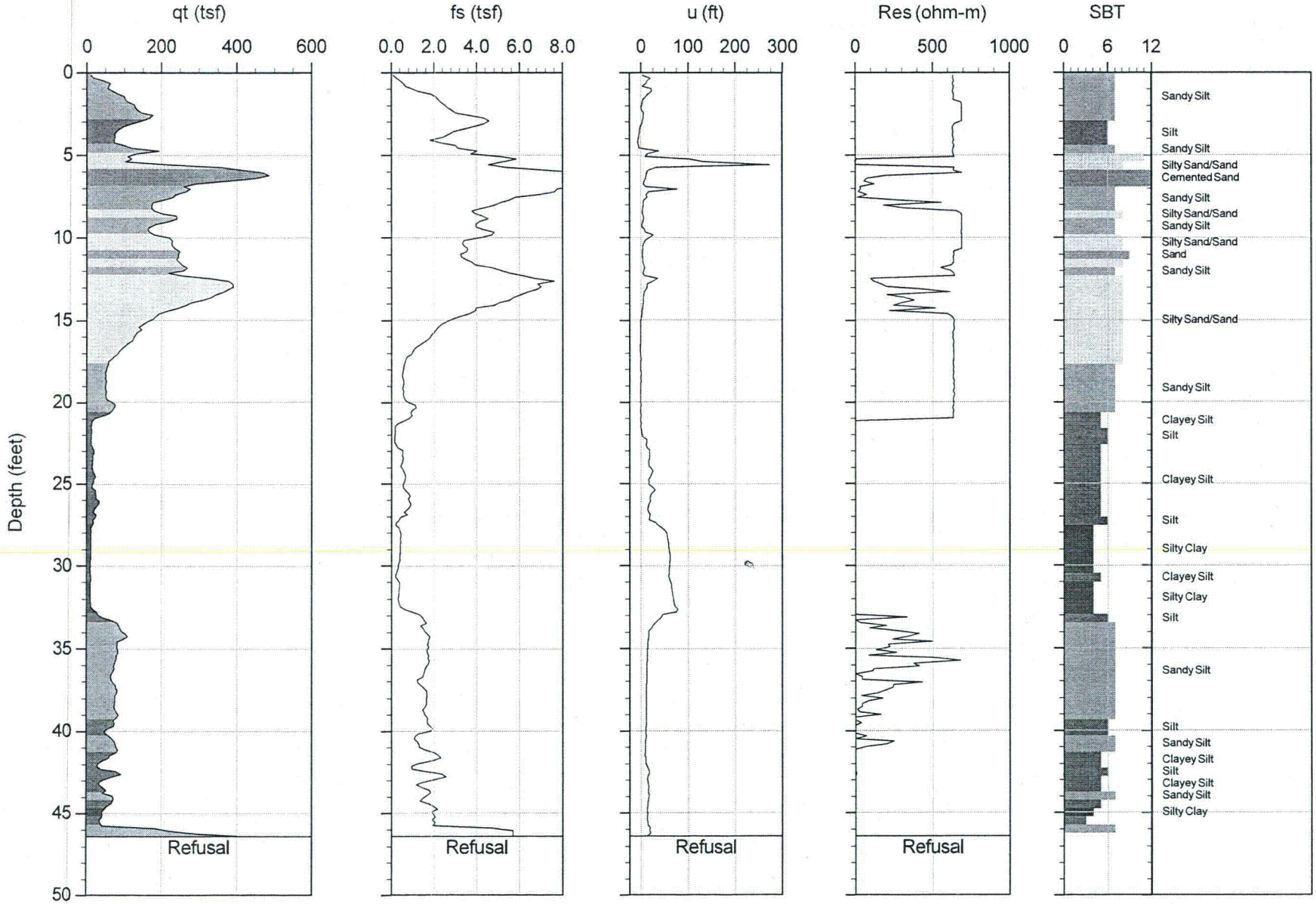
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647450 Long: -108.497000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 13:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-20
Cone: 155:T1500F15U500



Max Depth: 14.150 m / 46.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP20.COR
Unit Wt: SBT Chart Soil Zones

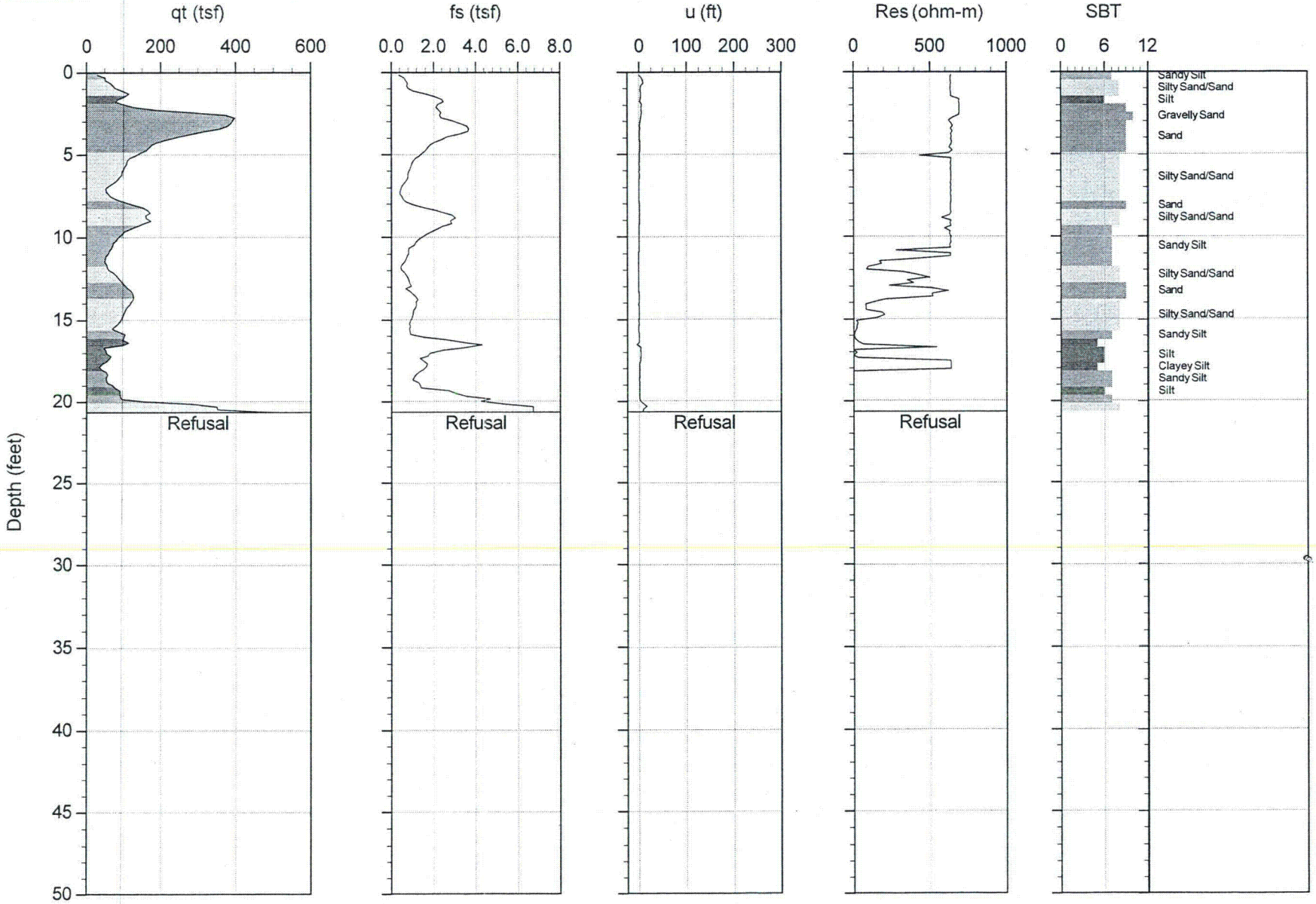
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646883 Long: -108.497167
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 15:34
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-21
Cone: 155:T1500F15U500



Max Depth: 6.300 m / 20.67 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP21.COR
Unit Wt: SBT Chart Soil Zones

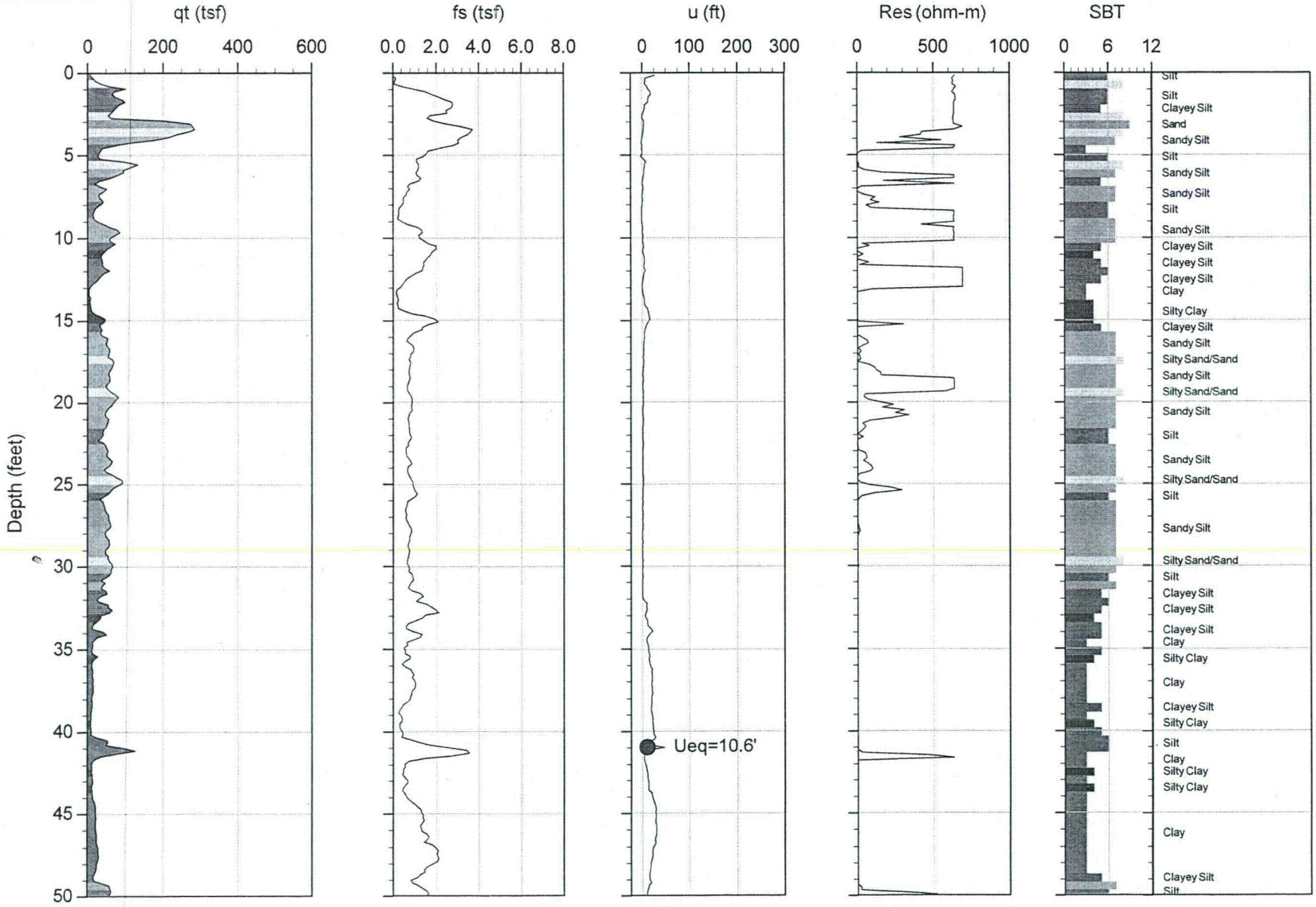
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646283 Long: -108.501583
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 11:54
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-22
Cone: 155:T1500F15U500



Max Depth: 28.750 m / 94.32 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP22.COR
Unit Wt: SBT Chart Soil Zones

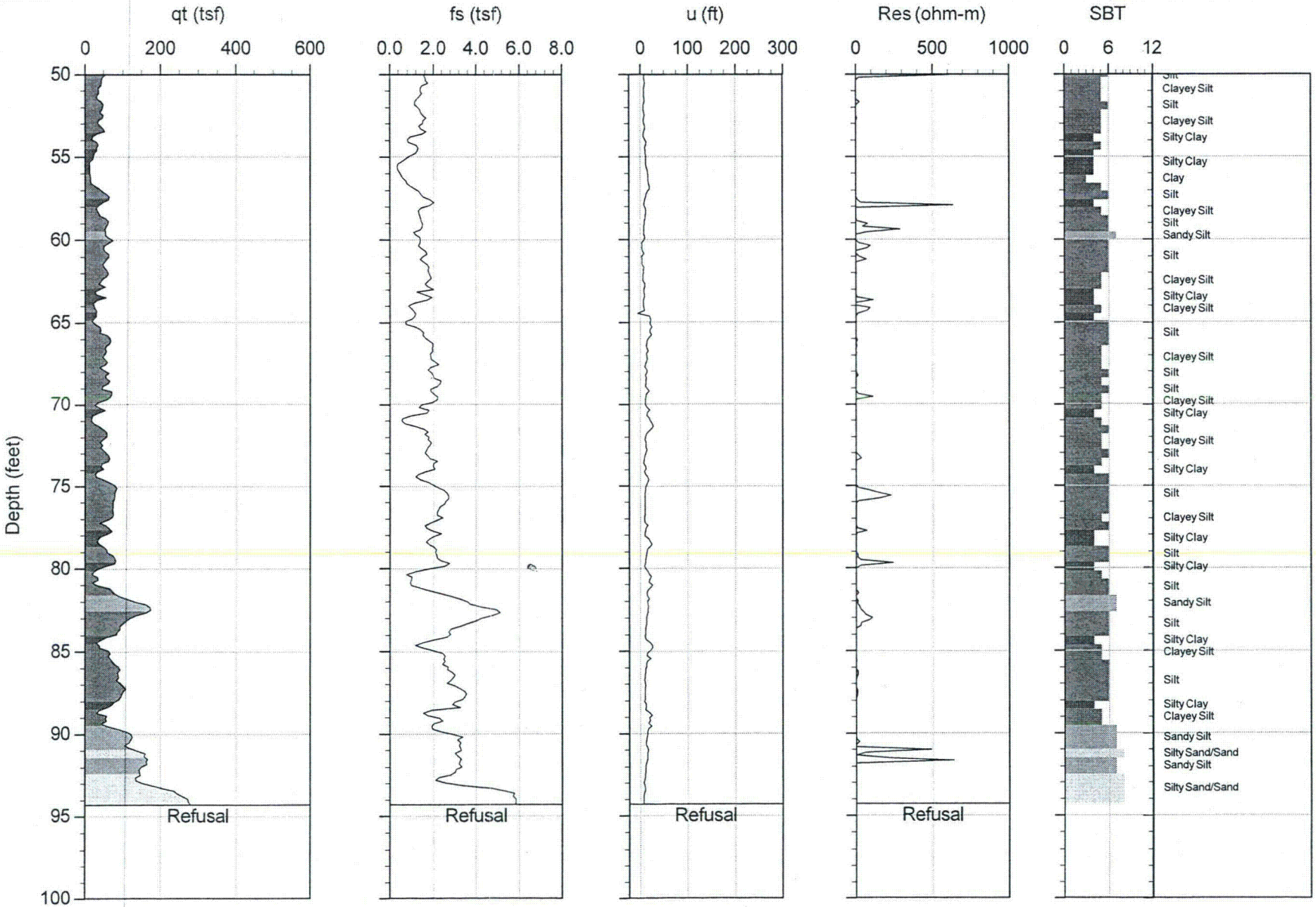
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647950 Long: -108.502917
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 11:54
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-22
Cone: 155:T1500F15U500



Max Depth: 28.750 m / 94.32 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP22.COR
Unit Wt: SBT Chart Soil Zones

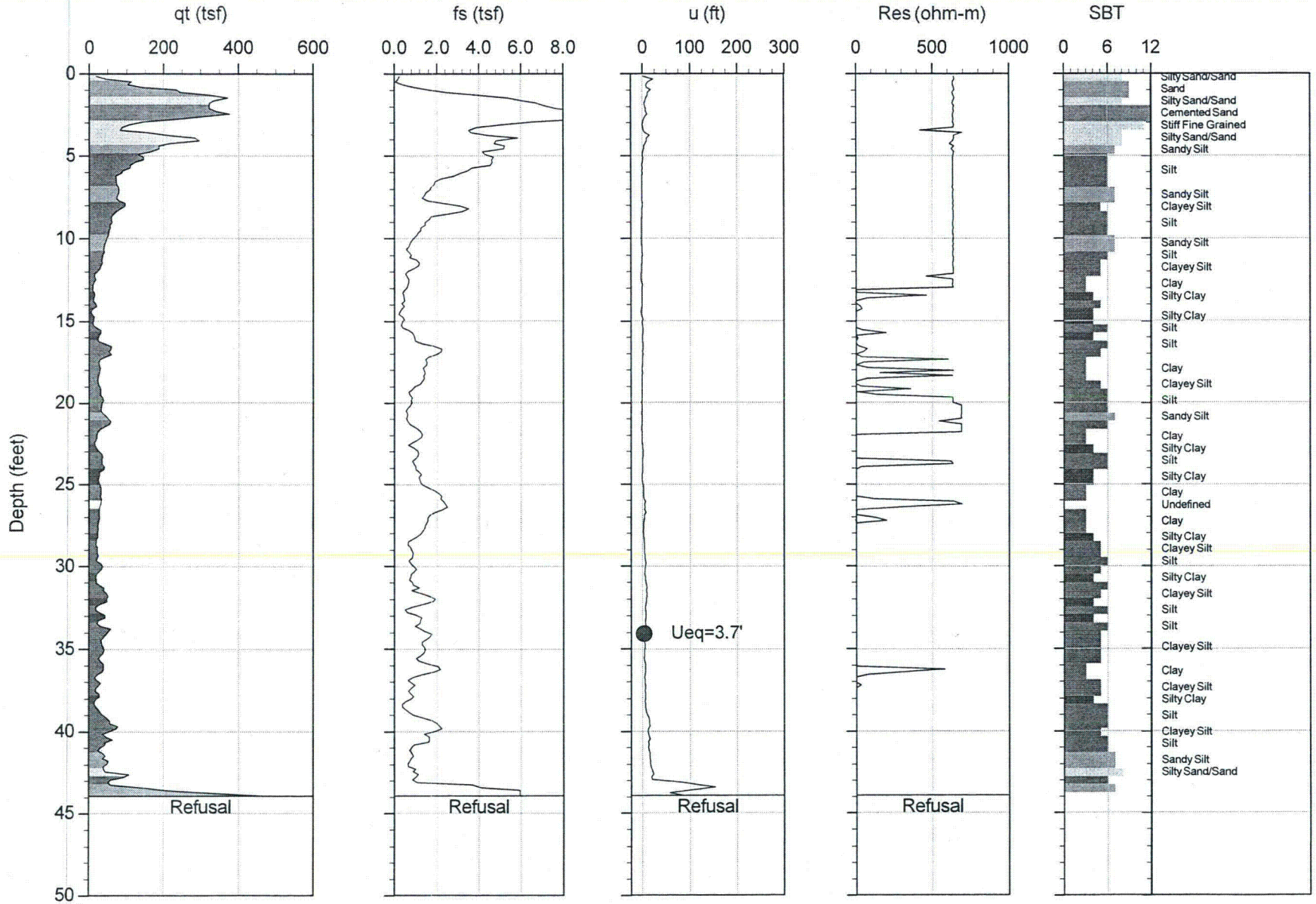
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647950 Long: -108.502917
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 16:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-23
Cone: 155:T1500F15U500



Max Depth: 13.400 m / 43.96 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP23.COR
Unit Wt: SBT Chart Soil Zones

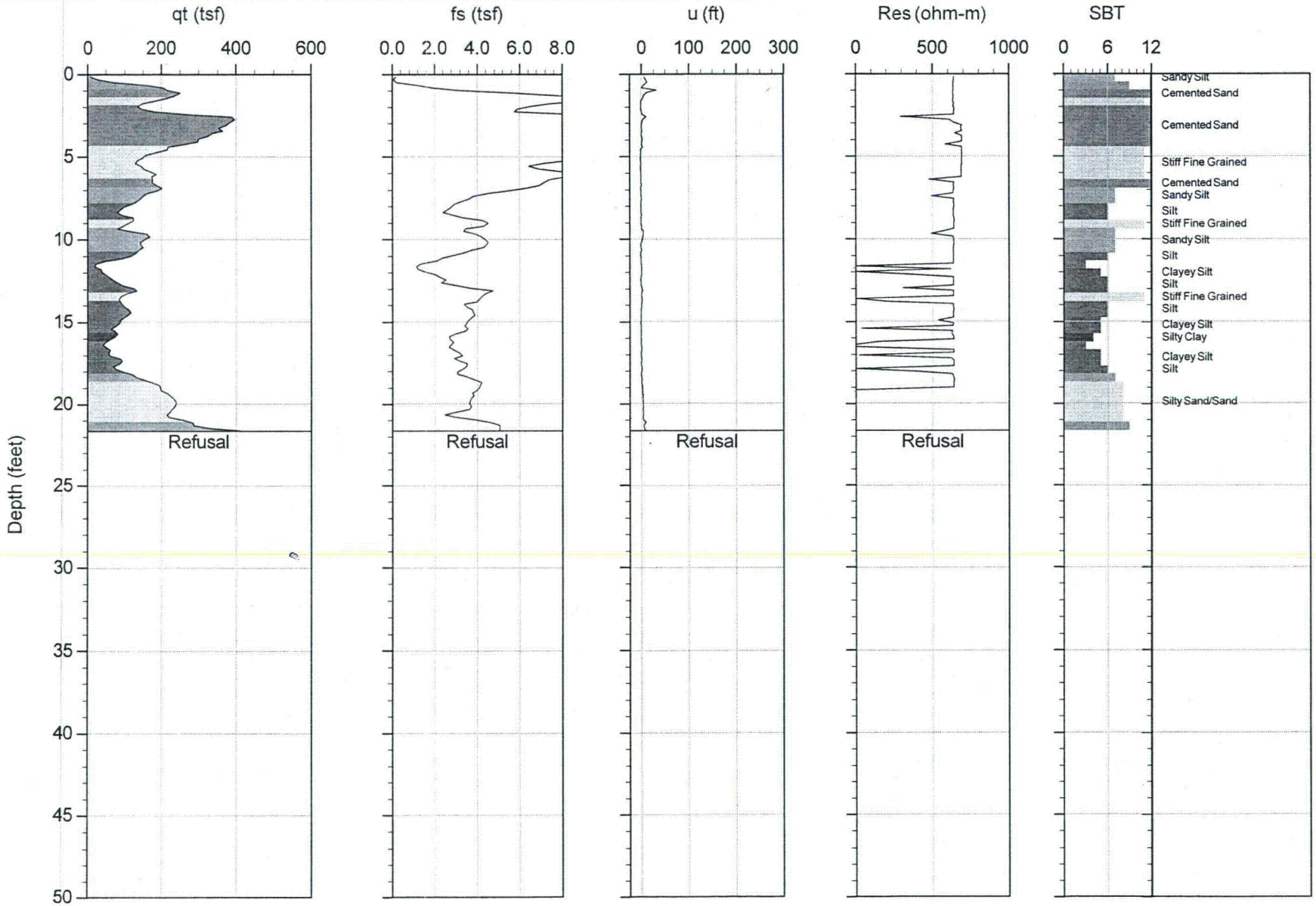
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650833 Long: -108.497700
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 16:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-24
Cone: 155:T1500F15U500



Max Depth: 6.600 m / 21.65 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP24.COR
Unit Wt: SBT Chart Soil Zones

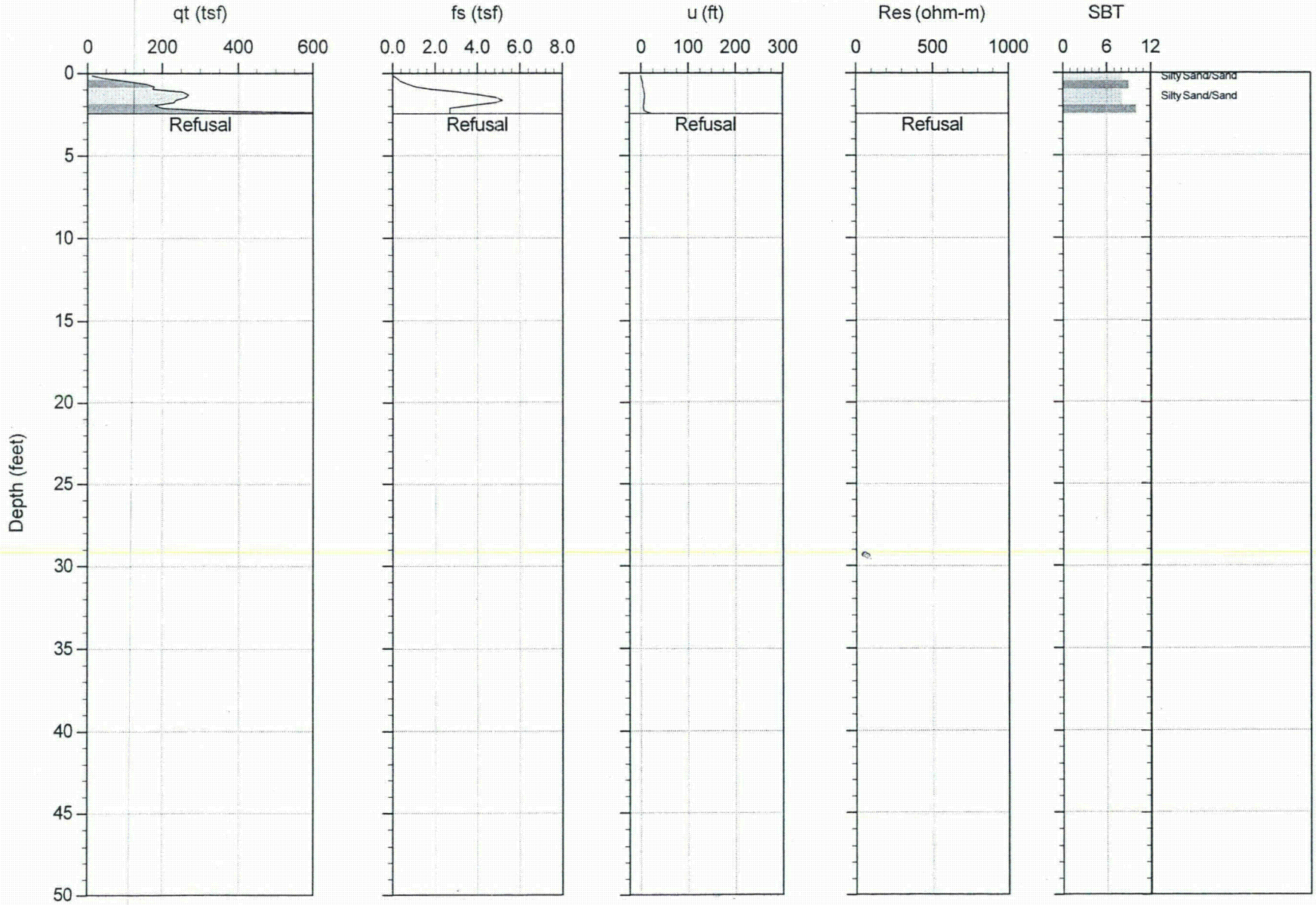
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650000 Long: -108.498717
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 08:11
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-25
Cone: 155:T1500F15U500



Max Depth: 0.750 m / 2.46 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP25.COR
Unit Wt: SBT Chart Soil Zones

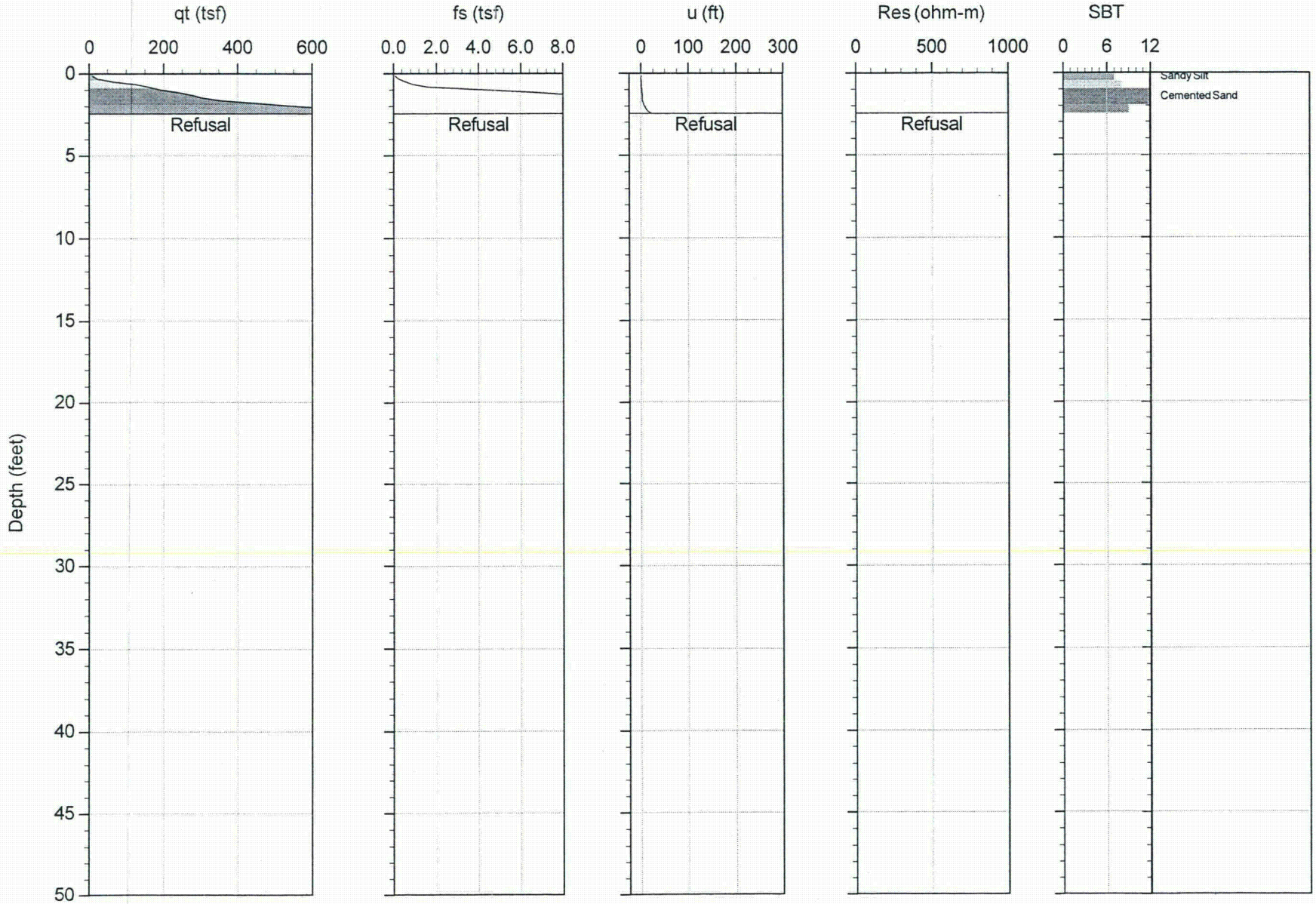
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649650 Long: -108.497733
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 08:40
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-25B
Cone: 155:T1500F15U500



Max Depth: 0.750 m / 2.46 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP25B.COR
Unit Wt: SBT Chart Soil Zones

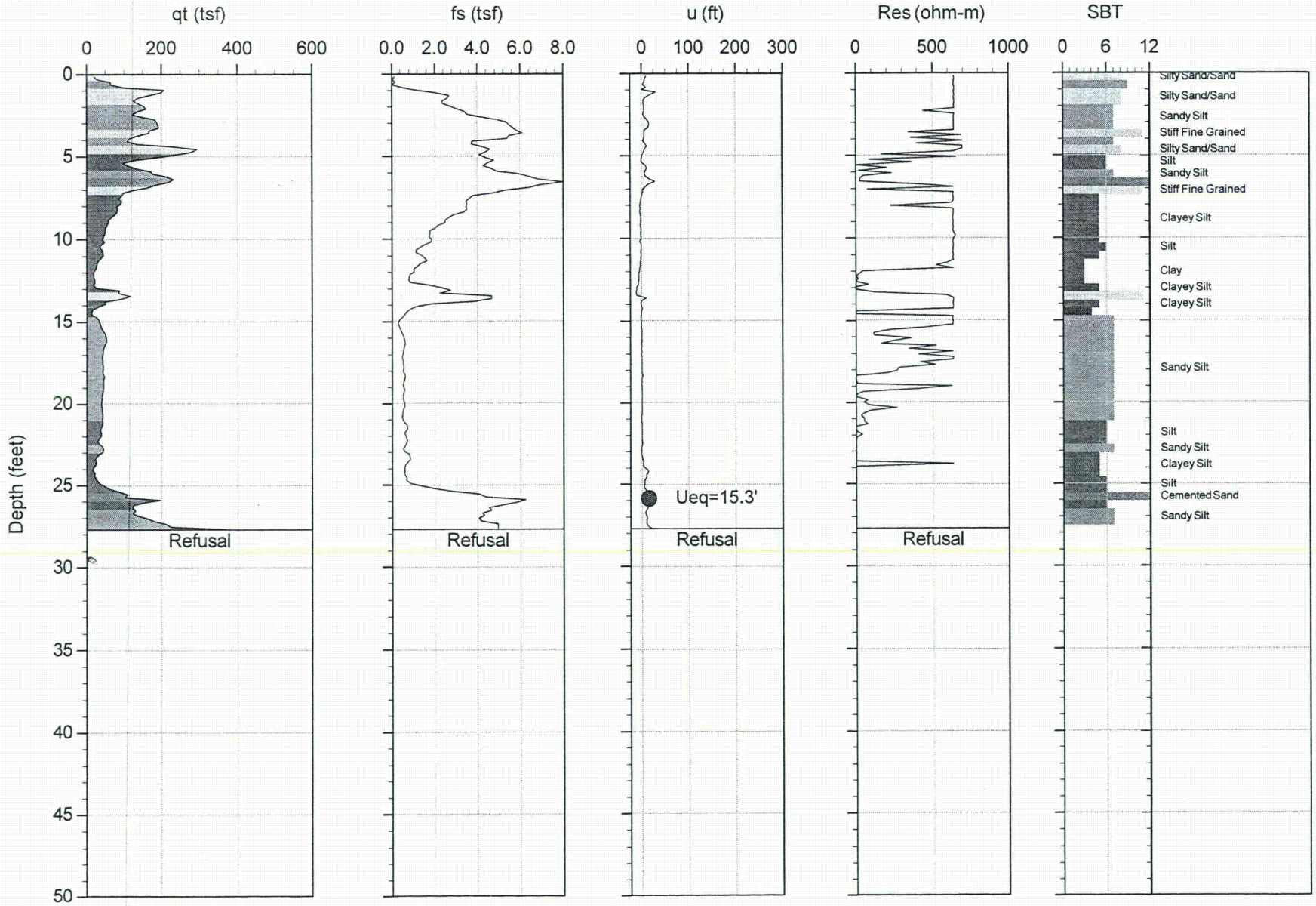
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649650 Long: -108.497767
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 09:25
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-26
Cone: 155:T1500F15U500



Max Depth: 8.450 m / 27.72 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP26.COR
Unit Wt: SBT Chart Soil Zones

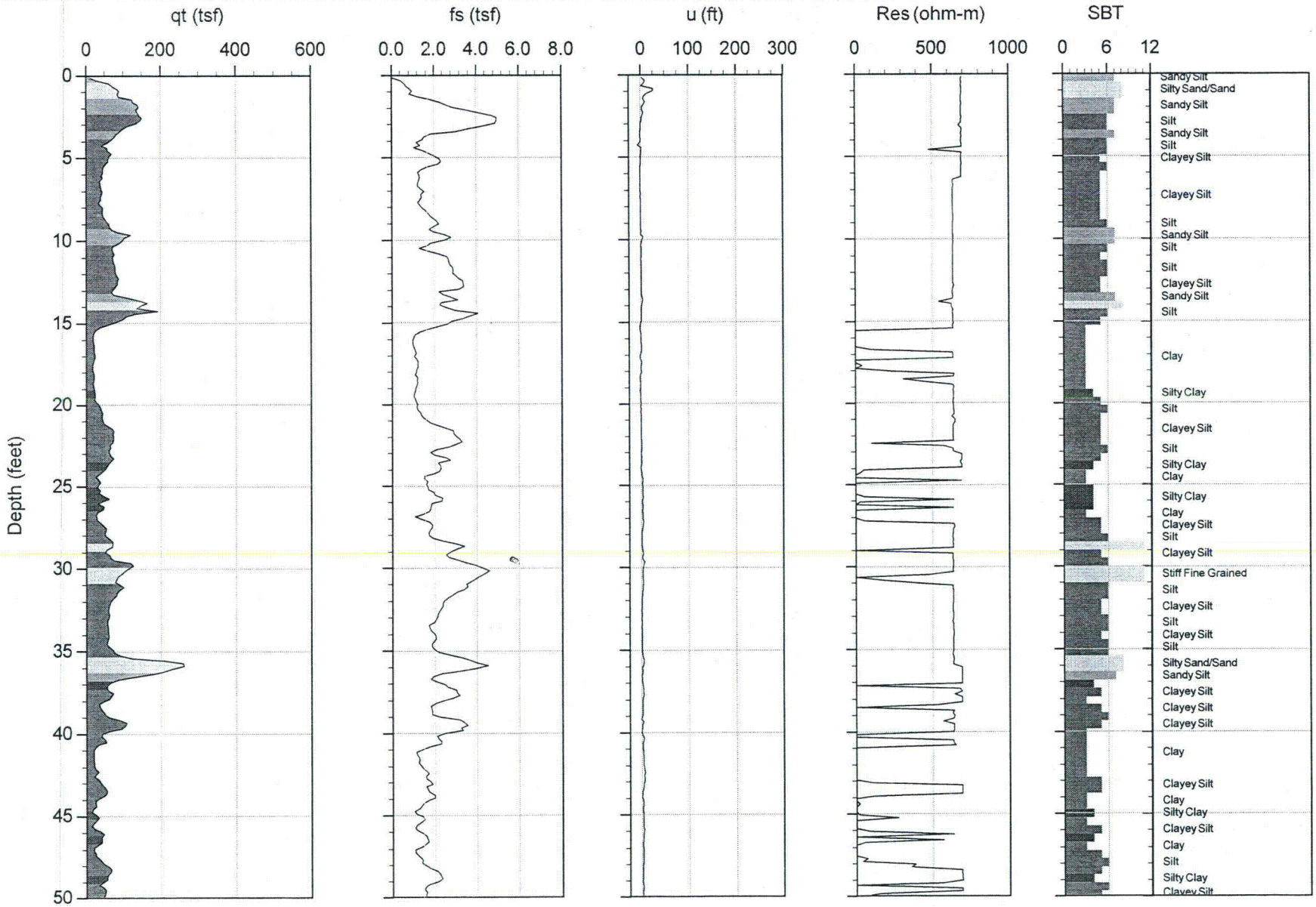
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648417 Long: -108.500567
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 15:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-27
Cone: 155:T1500F15U500



Max Depth: 24.300 m / 79.72 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP27.COR
Unit Wt: SBT Chart Soil Zones

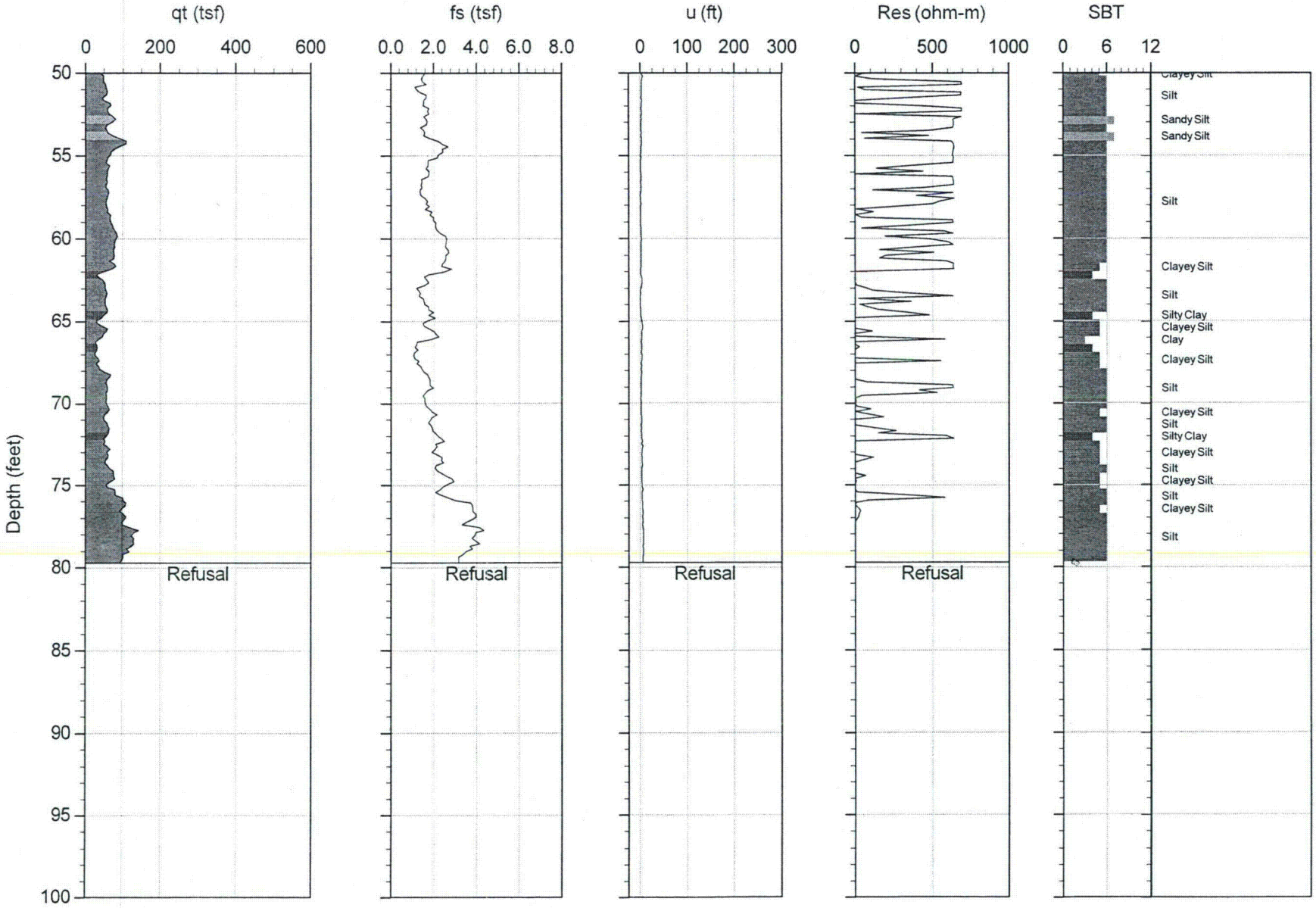
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.496367
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:09:13 15:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-27
Cone: 155:T1500F15U500



Max Depth: 24.300 m / 79.72 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP27.COR
Unit Wt: SBT Chart Soil Zones

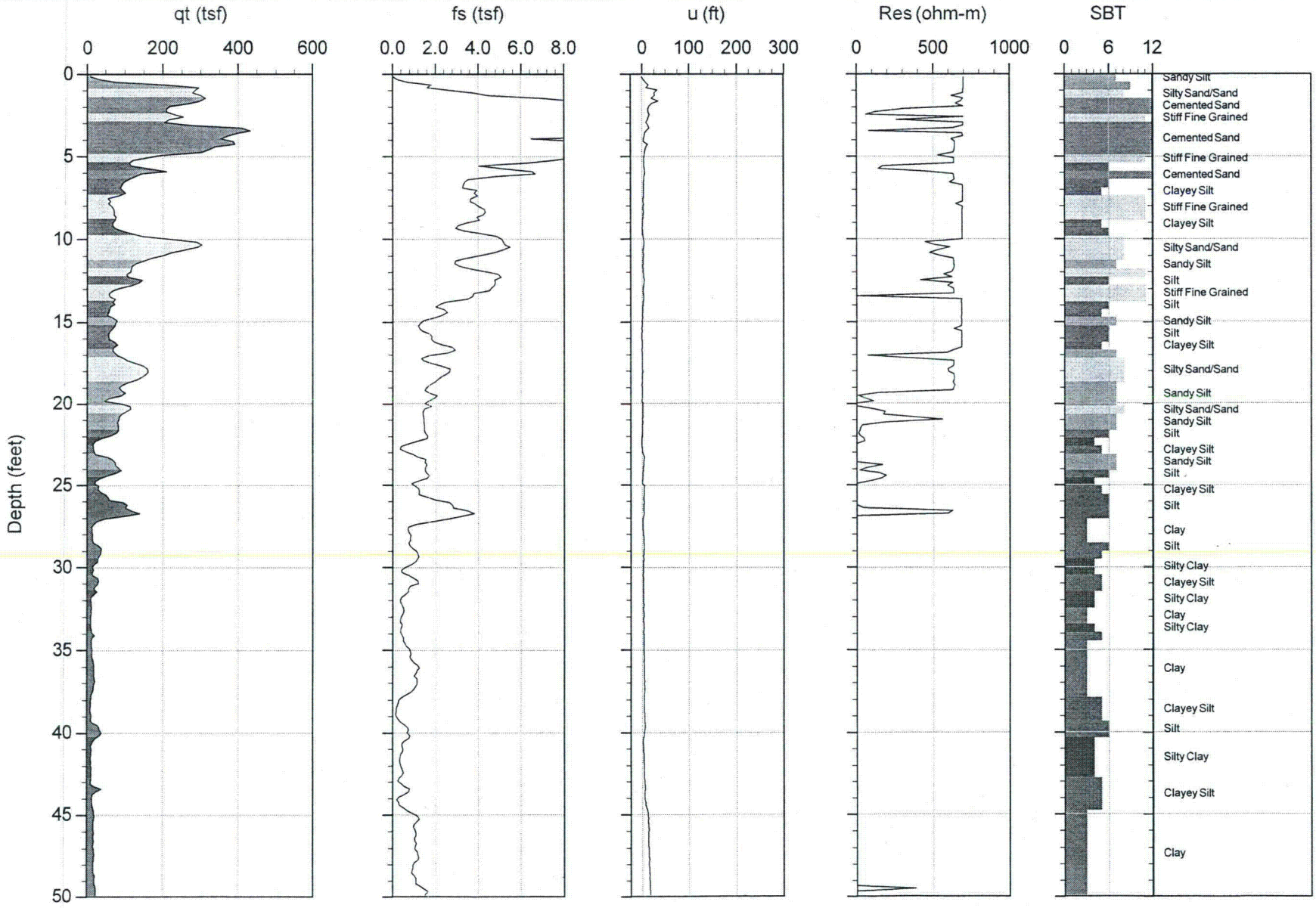
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.496367
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 08:17
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-28
Cone: 155:T1500F15U500



Max Depth: 25.600 m / 83.99 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP28.COR
Unit Wt: SBT Chart Soil Zones

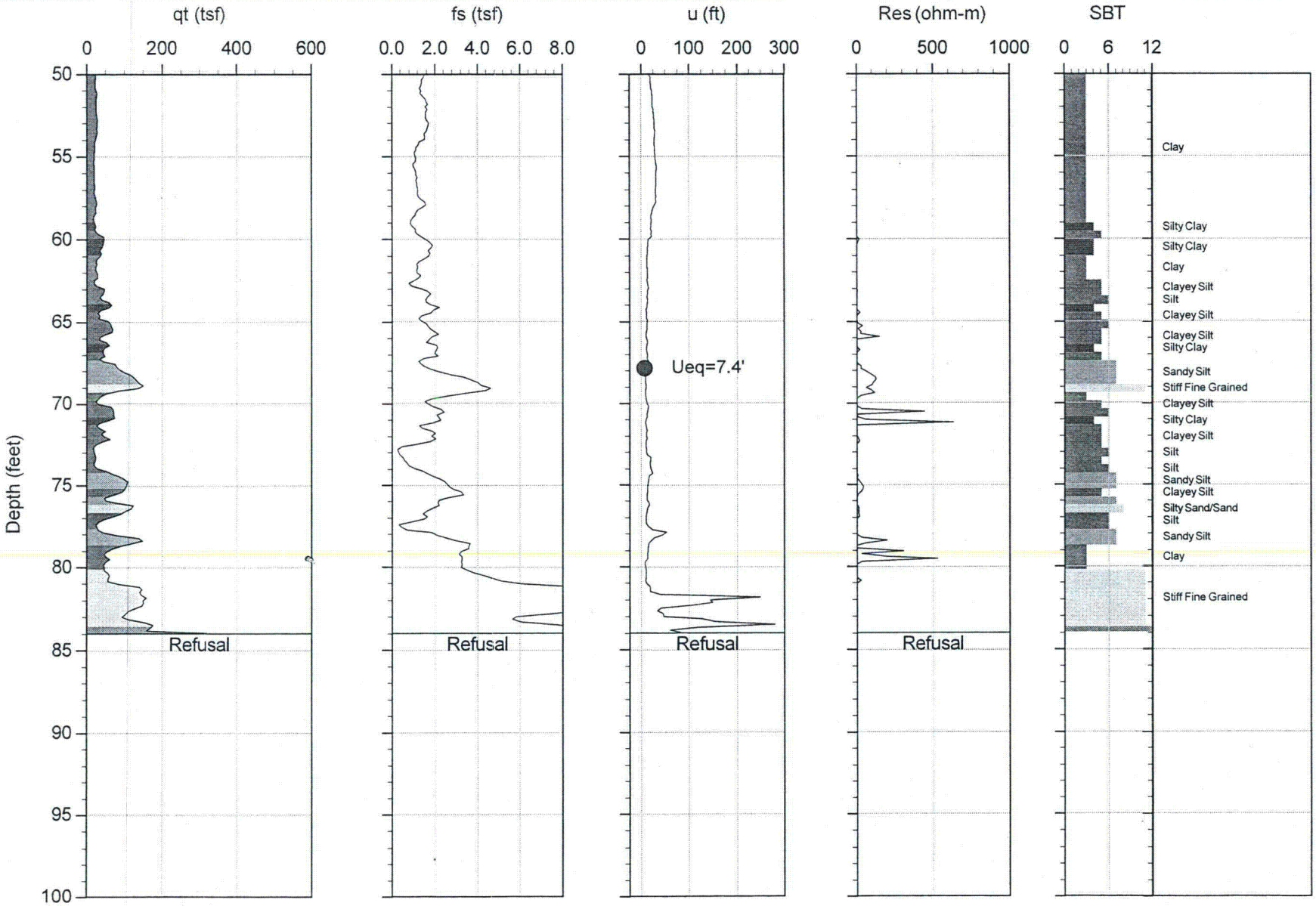
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649767 Long: -108.501117
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 08:17
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-28
Cone: 155:T1500F15U500



Max Depth: 25.600 m / 83.99 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP28.COR
Unit Wt: SBT Chart Soil Zones

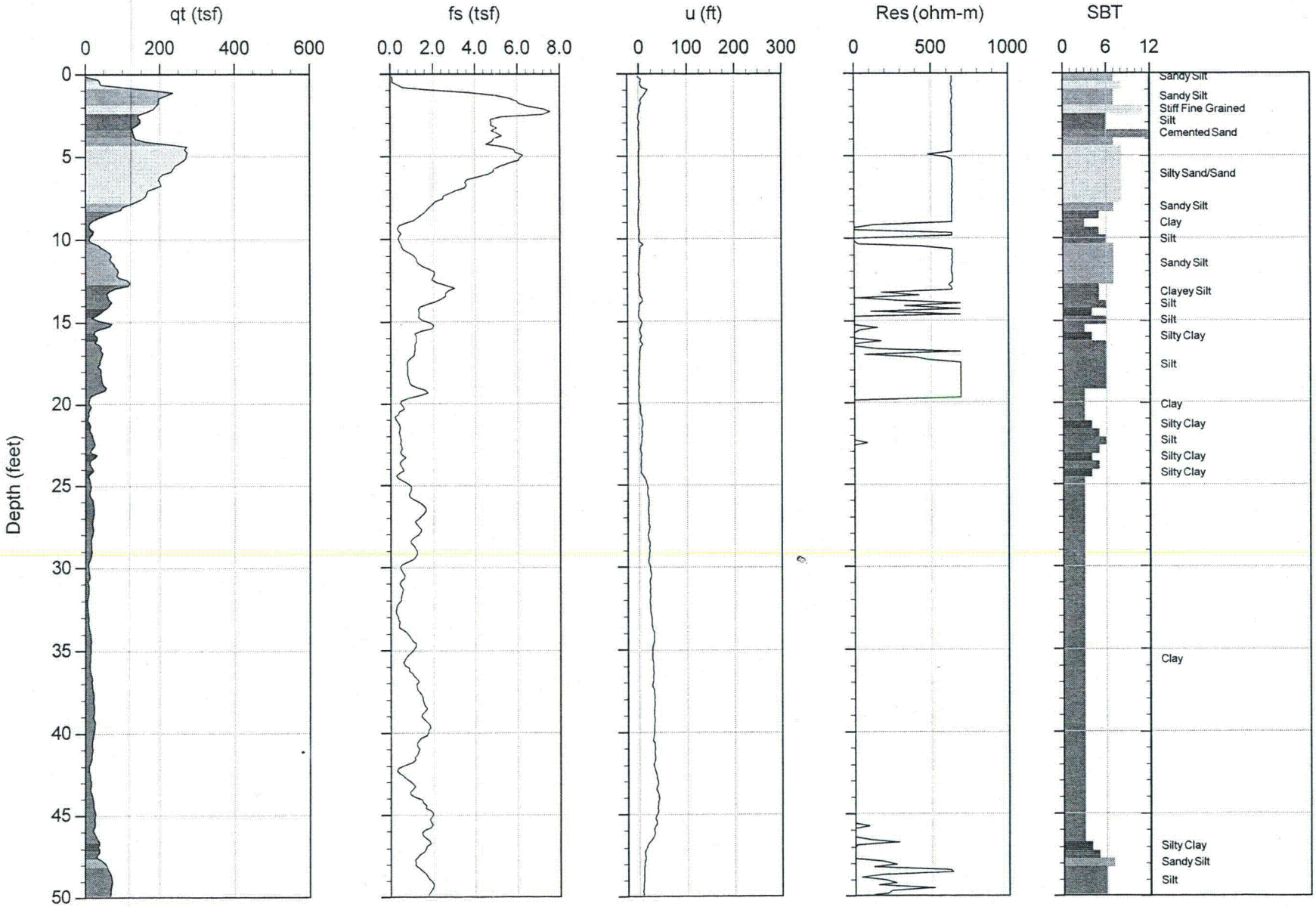
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649767 Long: -108.501117
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 09:39
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-29
Cone: 155:T1500F15U500



Max Depth: 31.500 m / 103.35 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP29.COR
Unit Wt: SBT Chart Soil Zones

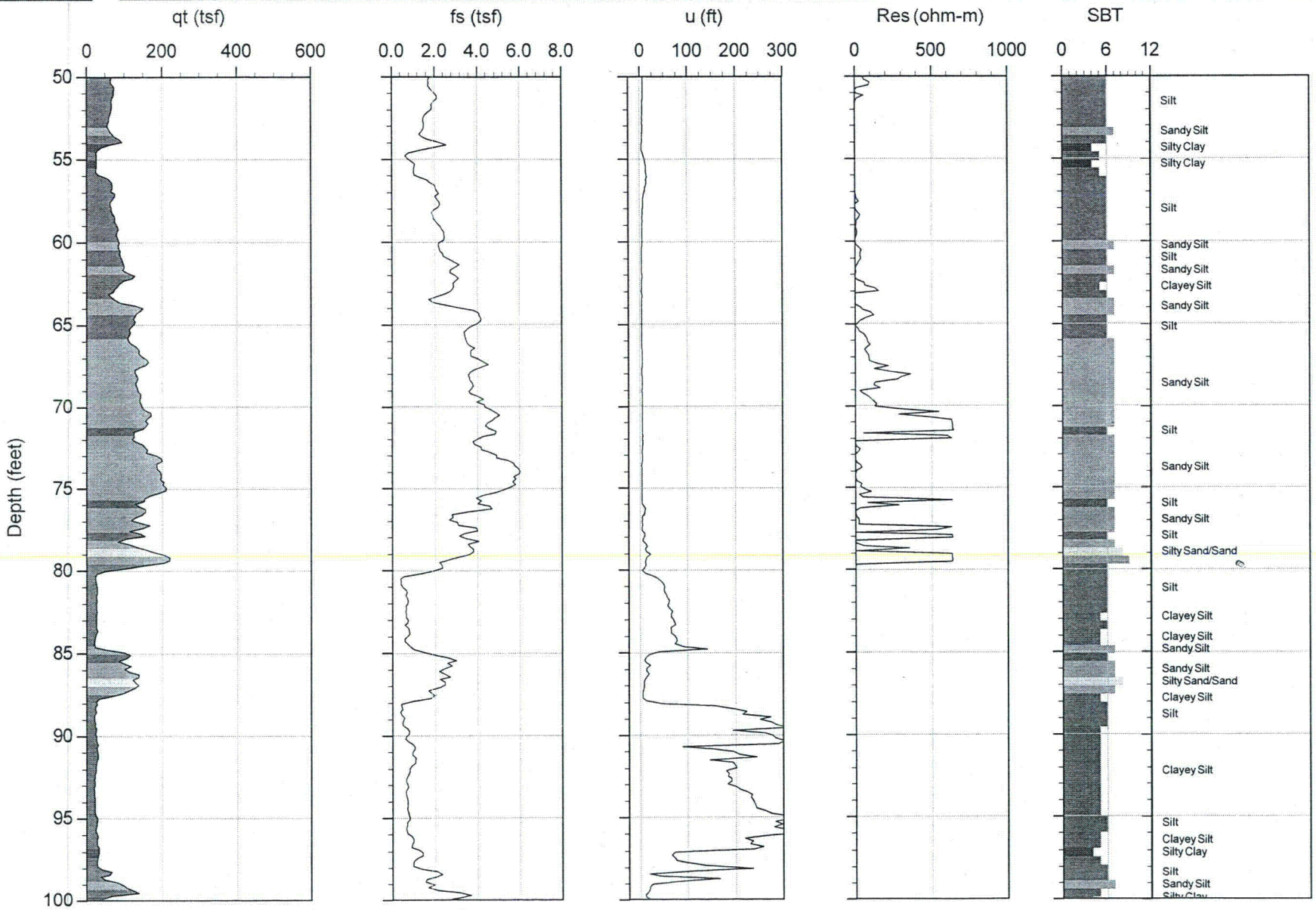
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 09:39
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-29
Cone: 155:T1500F15U500



Max Depth: 31.500 m / 103.35 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP29.COR
Unit Wt: SBT Chart Soil Zones

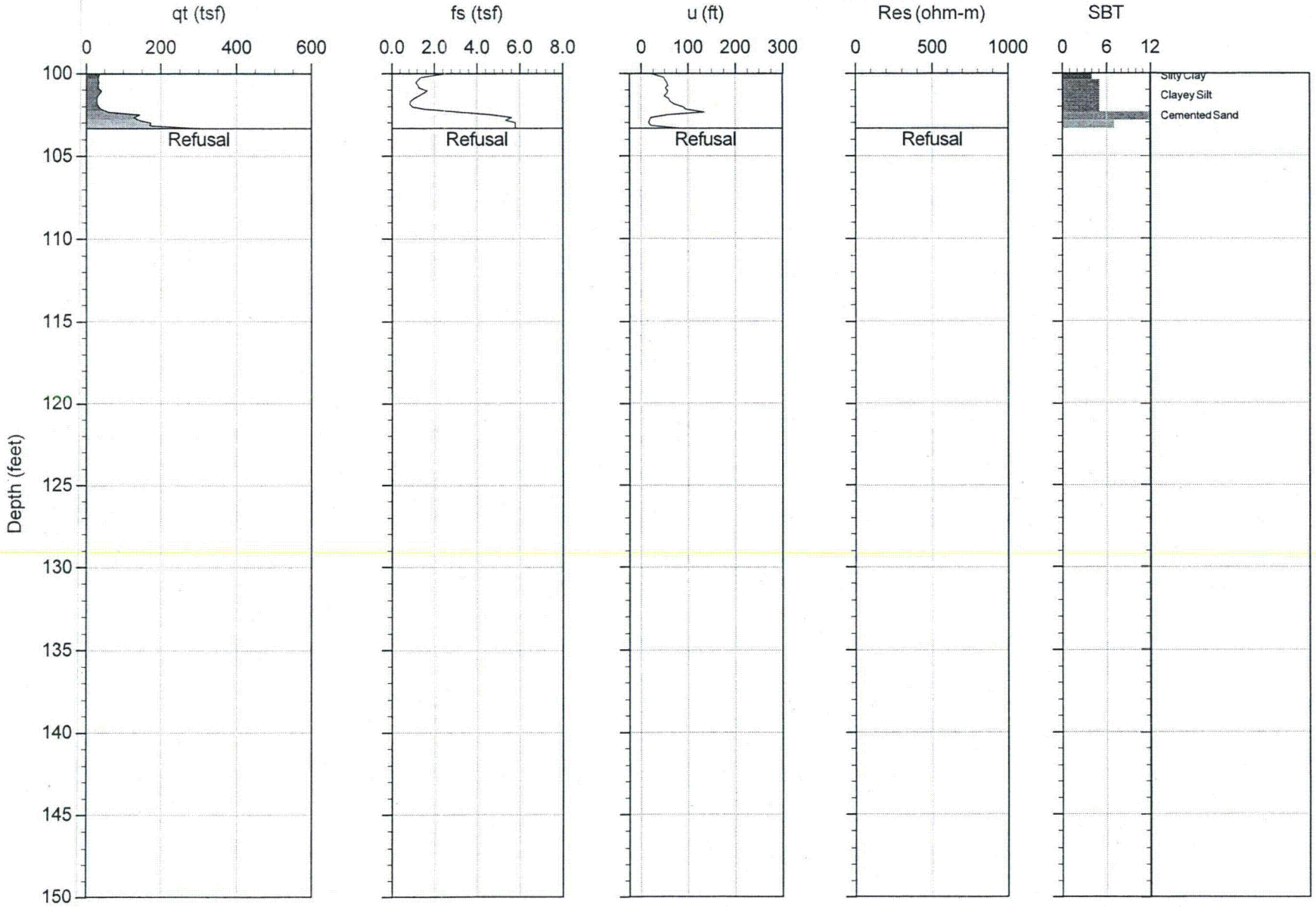
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 09:39
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-29
Cone: 155:T1500F15U500



Max Depth: 31.500 m / 103.35 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP29.COR
Unit Wt: SBT Chart Soil Zones

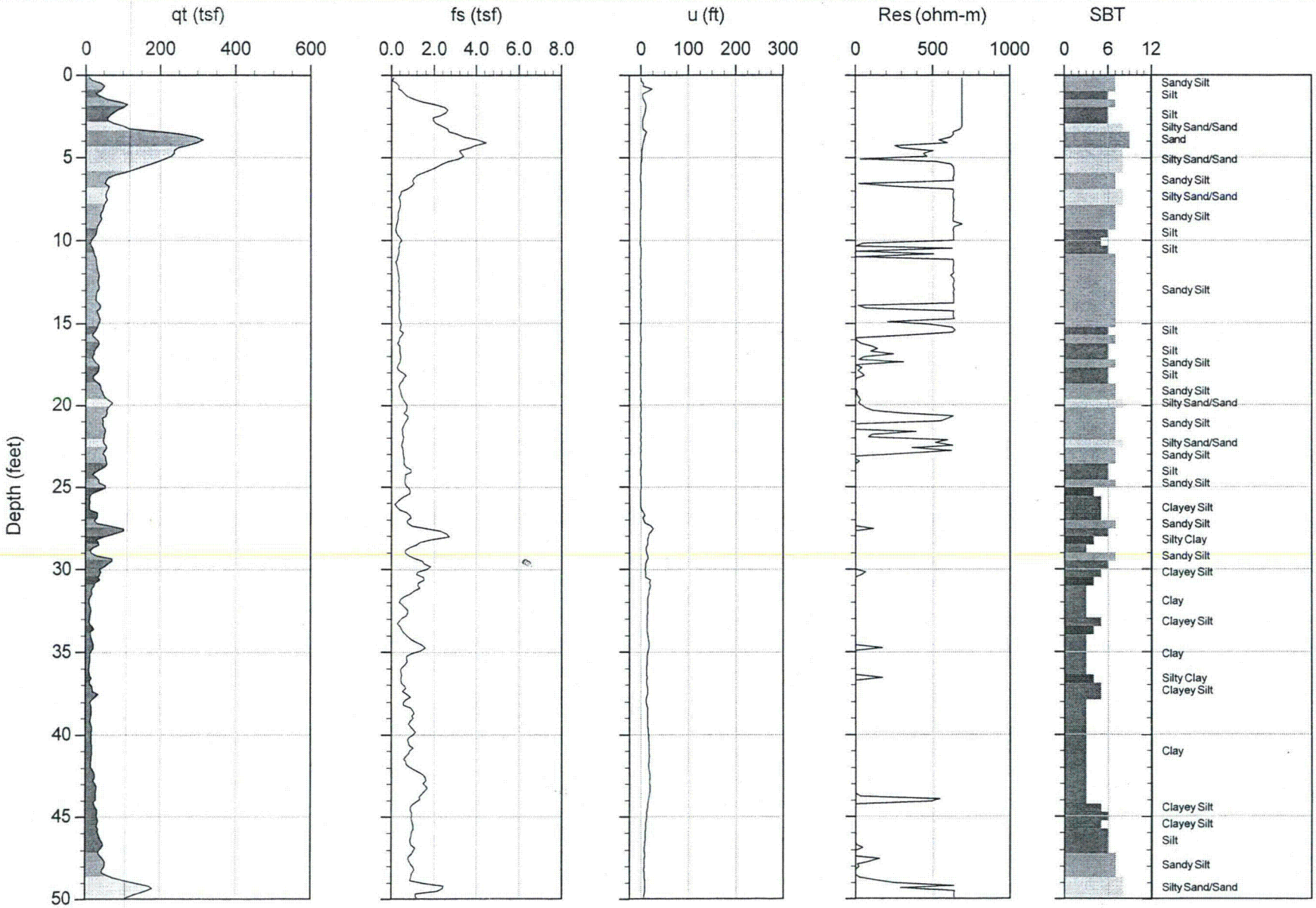
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 10:57
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-30
Cone: 155:T1500F15U500



Max Depth: 22.800 m / 74.80 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP30.COR
Unit Wt: SBT Chart Soil Zones

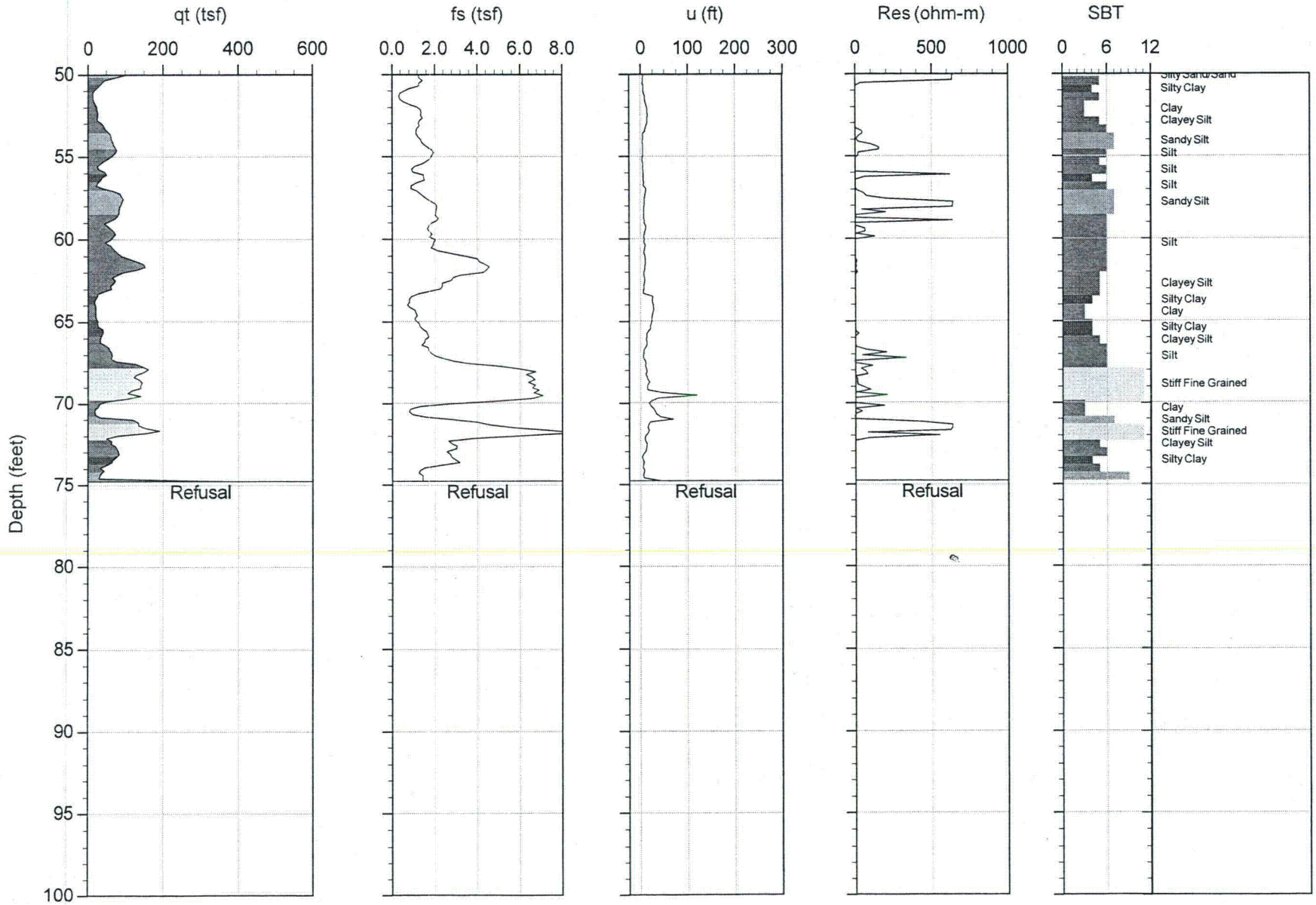
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.503350
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 10:57
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-30
Cone: 155:T1500F15U500



Max Depth: 22.800 m / 74.80 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP30.COR
Unit Wt: SBT Chart Soil Zones

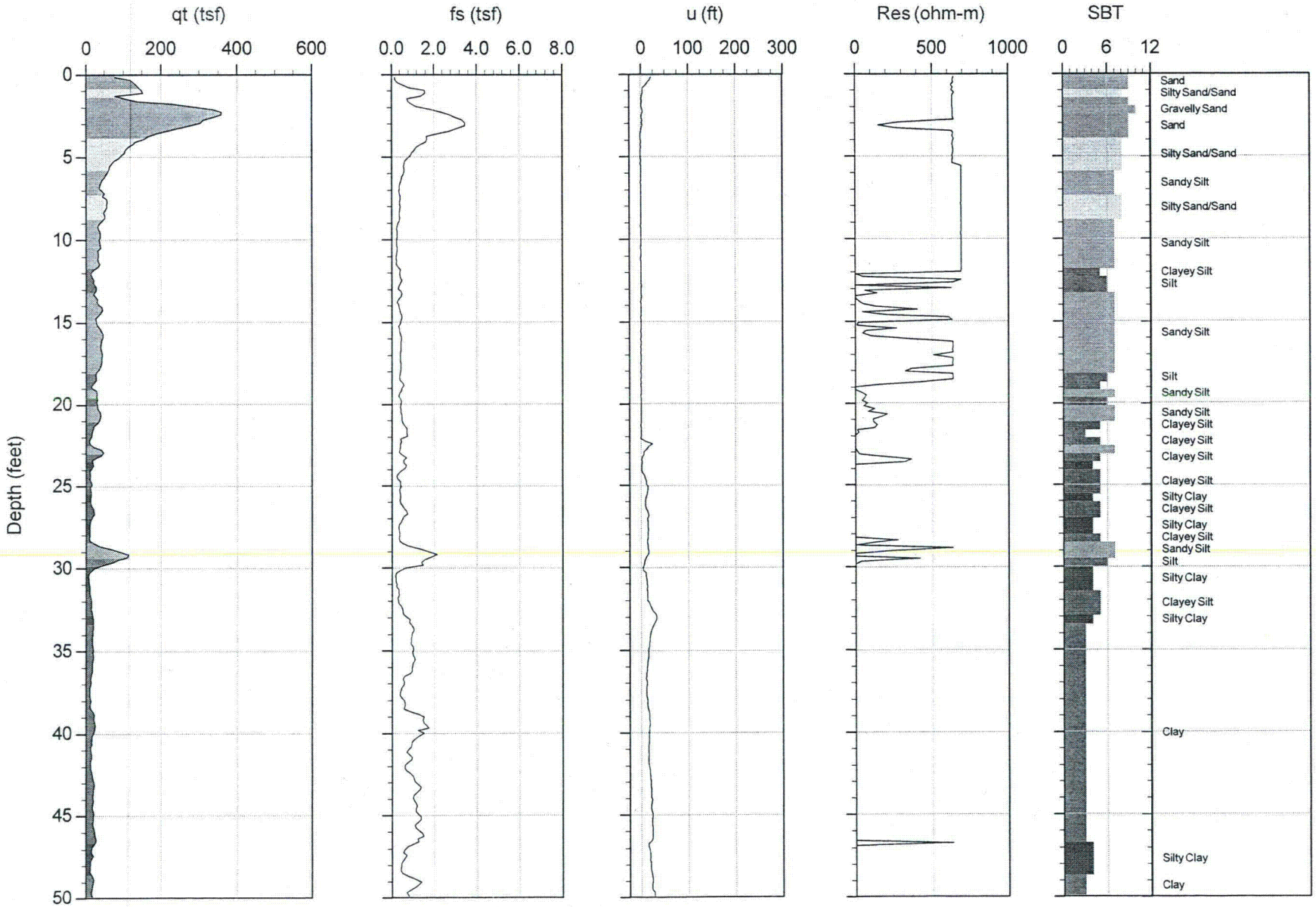
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.503350
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 13:10
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-31
Cone: 155:T1500F15U500



Max Depth: 24.400 m / 80.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP31.COR
Unit Wt: SBT Chart Soil Zones

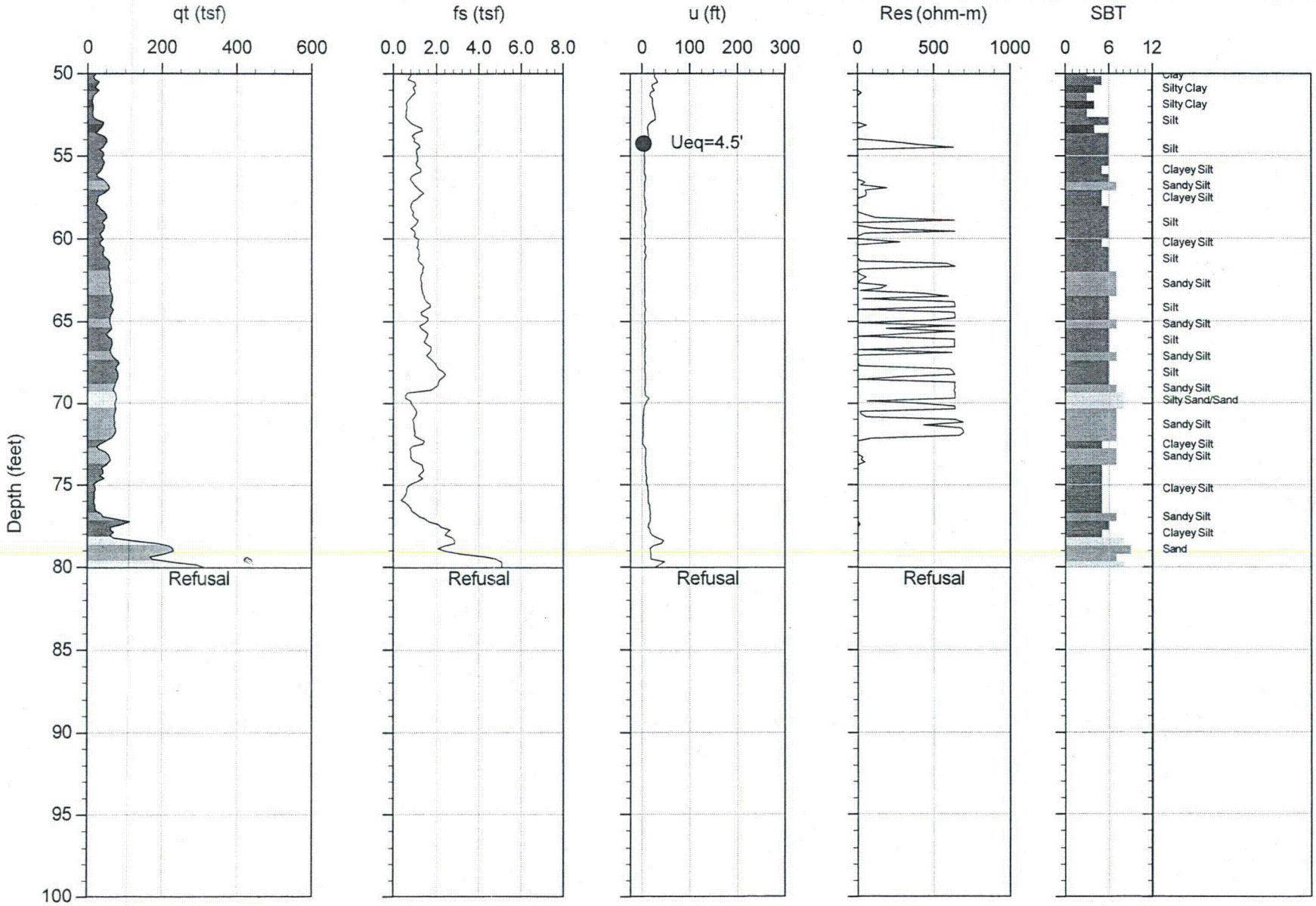
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646450 Long: -108.504917
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 13:10
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-31
Cone: 155:T1500F15U500



Max Depth: 24.400 m / 80.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP31.COR
Unit Wt: SBT Chart Soil Zones

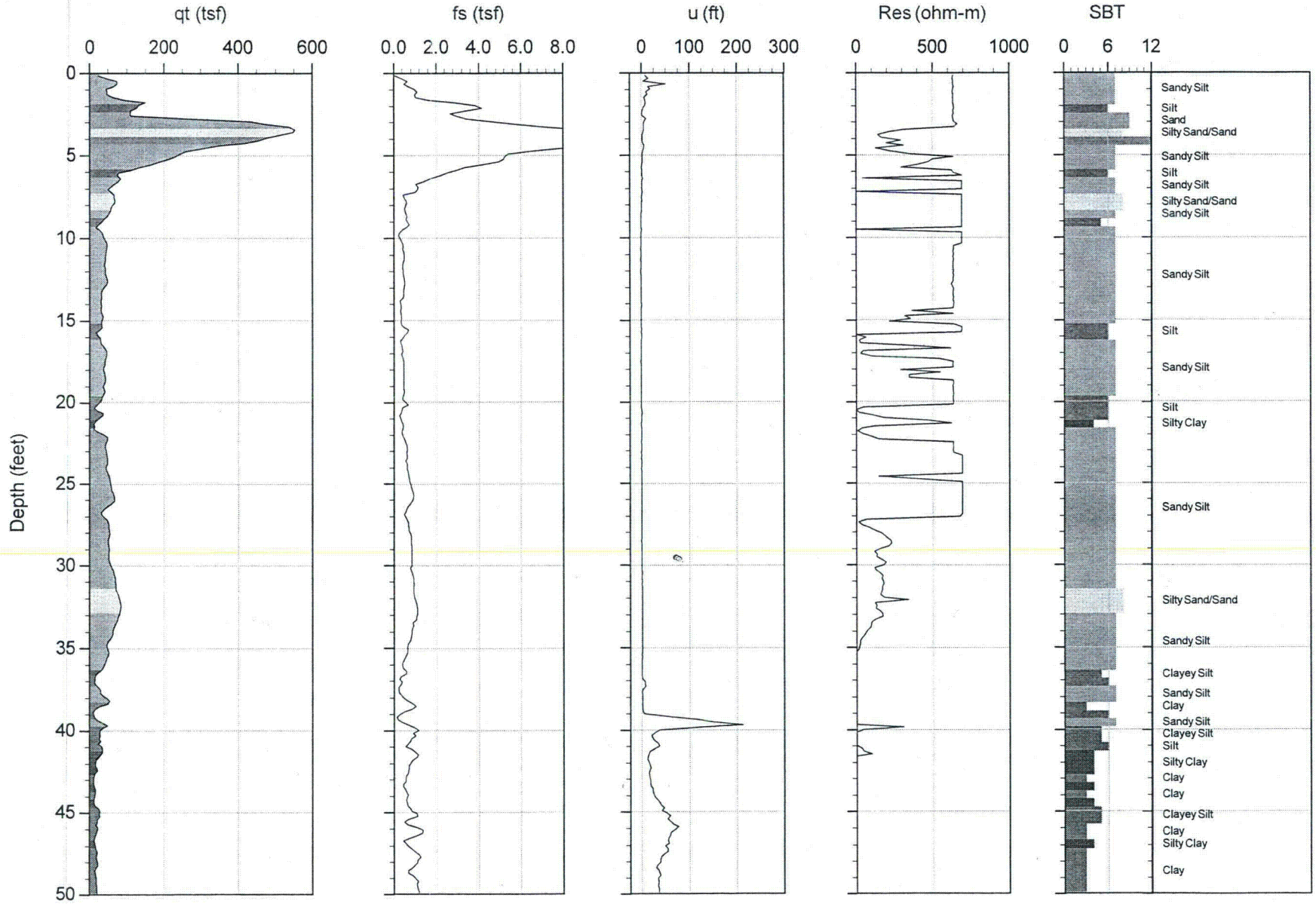
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646450 Long: -108.504917
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 14:12
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-32
Cone: 155:T1500F15U500



Max Depth: 36.300 m / 119.09 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP32.COR
Unit Wt: SBT Chart Soil Zones

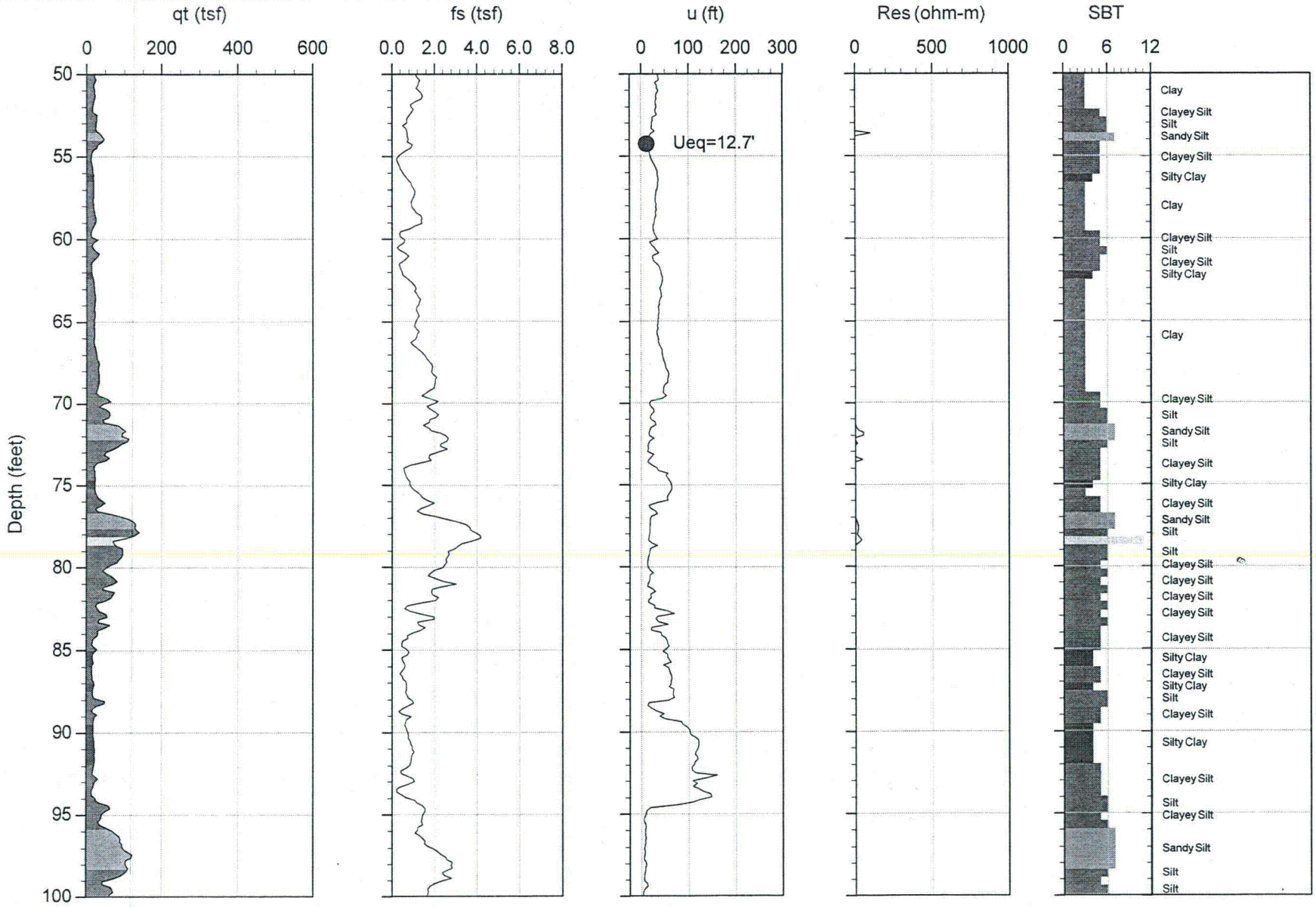
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.645383 Long: -108.505983
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 14:12
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-32
Cone: 155:T1500F15U500



Max Depth: 36.300 m / 119.09 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP32.COR
Unit Wt: SBT Chart Soil Zones

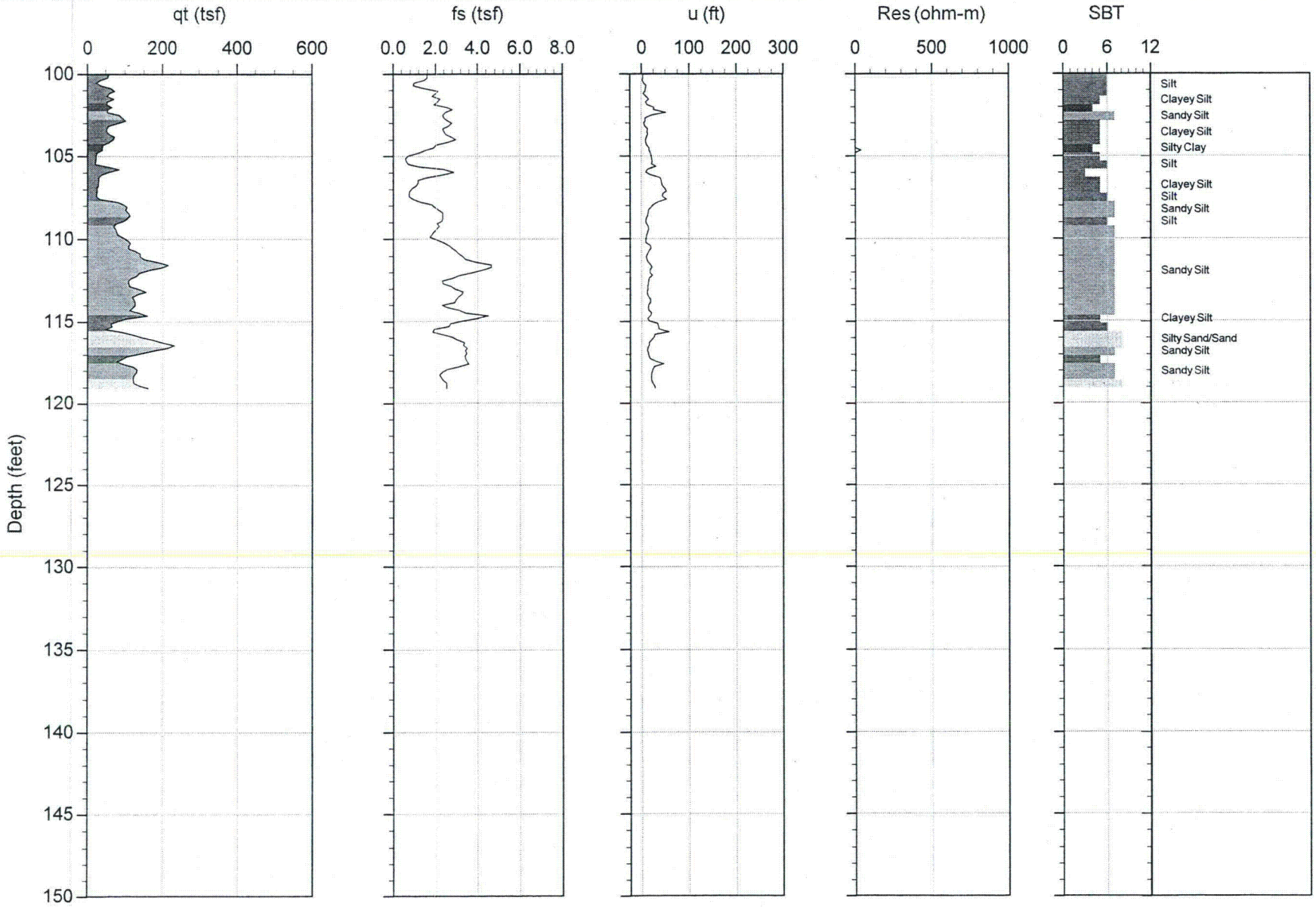
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.645383 Long: -108.505983
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:10:13 14:12
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-32
Cone: 155:T1500F15U500



Max Depth: 36.300 m / 119.09 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP32.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.645383 Long: -108.505983
● Equilibrium Pore Pressure from Dissipation

Shear Wave Velocity Calculations (V_s Calcs)

CONETEC

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-01
Location Church Rock Mill Site TSF
Date: November 7, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	6.36	230	2.10	754	6.9
15.09	14.44	14.51	5.04	6.12	251	3.62	824	11.9
20.01	19.36	19.41	4.90	6.81	219	5.15	720	16.9
25.10	24.44	24.49	5.07	7.19	215	6.67	705	21.9
30.02	29.36	29.40	4.91	7.68	195	8.20	639	26.9
40.03	39.37	39.40	10.00	13.12	232	10.47	762	34.4
45.11	44.46	44.48	5.08	6.58	235	12.77	772	41.9
50.03	49.38	49.40	4.92	6.19	242	14.30	794	46.9
55.12	54.46	54.48	5.08	6.72	231	15.82	757	51.9
60.04	59.38	59.40	4.92	7.42	202	17.35	663	56.9
65.12	64.47	64.49	5.08	7.64	203	18.87	666	61.9
70.05	69.39	69.41	4.92	6.65	225	20.40	740	66.9
75.13	74.47	74.49	5.08	5.30	292	21.92	959	71.9
79.72	79.07	79.08	4.59	5.17	271	23.40	888	76.8
85.14	84.48	84.49	5.41	5.95	277	24.92	910	81.8

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-02
Location Church Rock Mill Site TSF
Date: November 5, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
4.43	3.77	4.06						
10.99	10.33	10.44	6.38	6.82	285	2.15	936	7.1
15.09	14.44	14.51	4.07	7.31	170	3.77	557	12.4
20.01	19.36	19.41	4.90	4.91	304	5.15	998	16.9
25.10	24.44	24.49	5.07	5.67	273	6.67	894	21.9
30.02	29.36	29.40	4.91	5.69	263	8.20	864	26.9
33.96	33.30	33.33	3.93	3.09	389	9.55	1275	31.3

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-04
Location Church Rock Mill Site TSF
Date: November 5, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	5.18	282	2.10	925	6.9
15.09	14.44	14.51	5.04	6.78	227	3.62	743	11.9
20.51	19.85	19.91	5.39	11.70	141	5.22	461	17.1
25.10	24.44	24.49	4.58	4.50	310	6.75	1019	22.1
27.56	26.90	26.94	2.46	1.01	739	7.82	2423	25.7

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-05
Location Church Rock Mill Site TSF
Date: November 6, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	8.76	167	2.10	547	6.9
15.09	14.44	14.51	5.04	9.00	171	3.62	560	11.9
20.01	19.36	19.41	4.90	6.12	244	5.15	801	16.9
25.10	24.44	24.49	5.07	6.41	241	6.67	791	21.9
30.68	30.02	30.06	5.57	6.76	251	8.30	823	27.2
35.10	34.45	34.48	4.42	6.65	203	9.82	666	32.2
37.89	37.24	37.27	2.79	2.76	307	10.92	1008	35.8

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-06
Location Church Rock Mill Site TSF
Date: November 6, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	4.36	335	2.10	1100	6.9
15.09	14.44	14.51	5.04	6.47	238	3.62	779	11.9
20.01	19.36	19.41	4.90	7.74	193	5.15	633	16.9
25.10	24.44	24.49	5.07	9.47	163	6.67	535	21.9
30.02	29.36	29.40	4.91	10.78	139	8.20	456	26.9
35.10	34.45	34.48	5.08	9.30	167	9.72	546	31.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-07
Location Church Rock Mill Site TSF
Date: November 8, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	6.43	227	2.10	746	6.9
15.09	14.44	14.51	5.04	8.92	172	3.62	565	11.9
20.34	19.68	19.74	5.23	9.52	167	5.20	549	17.1
25.26	24.61	24.65	4.91	9.80	153	6.75	501	22.1
30.02	29.36	29.40	4.75	10.46	138	8.22	454	27.0
35.27	34.61	34.65	5.24	10.92	146	9.75	480	32.0
40.03	39.37	39.40	4.75	7.79	186	11.27	610	37.0
45.28	44.62	44.64	5.25	5.56	288	12.80	944	42.0
50.03	49.38	49.40	4.75	5.70	254	14.32	834	47.0
55.12	54.46	54.48	5.08	5.99	259	15.82	849	51.9
60.04	59.38	59.40	4.92	6.56	229	17.35	750	56.9
65.12	64.47	64.49	5.08	6.19	250	18.87	821	61.9
70.05	69.39	69.41	4.92	6.24	240	20.40	789	66.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-08
Location Church Rock Mill Site TSF
Date: November 7, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	4.07	359	2.10	1177	6.9
15.09	14.44	14.51	5.04	5.91	260	3.62	853	11.9
20.01	19.36	19.41	4.90	6.06	247	5.15	809	16.9
25.10	24.44	24.49	5.07	6.67	232	6.67	761	21.9
30.02	29.36	29.40	4.91	8.27	181	8.20	594	26.9
35.10	34.45	34.48	5.08	8.65	179	9.72	587	31.9
40.35	39.70	39.73	5.25	8.20	195	11.30	639	37.1
46.26	45.60	45.63	5.90	8.61	209	13.00	685	42.7
50.03	49.38	49.40	3.77	2.97	388	14.47	1272	47.5
55.12	54.46	54.48	5.08	4.17	372	15.82	1220	51.9
60.04	59.38	59.40	4.92	3.79	396	17.35	1298	56.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-09
Location Church Rock Mill Site TSF
Date: November 6, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	4.77	306	2.10	1004	6.9
15.09	14.44	14.51	5.04	5.72	269	3.62	882	11.9
20.67	20.01	20.07	5.56	8.87	191	5.25	626	17.2
25.10	24.44	24.49	4.42	8.97	150	6.77	492	22.2
30.02	29.36	29.40	4.91	8.65	173	8.20	568	26.9
35.10	34.45	34.48	5.08	8.90	174	9.72	571	31.9
40.03	39.37	39.40	4.92	8.43	178	11.25	583	36.9
45.11	44.46	44.48	5.08	7.97	194	12.77	637	41.9
50.03	49.38	49.40	4.92	5.22	287	14.30	943	46.9
55.12	54.46	54.48	5.08	4.85	320	15.82	1048	51.9
60.04	59.38	59.40	4.92	5.29	283	17.35	929	56.9
65.12	64.47	64.49	5.08	5.20	298	18.87	978	61.9
69.39	68.73	68.75	4.26	3.73	349	20.30	1144	66.6

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-10
Location Church Rock Mill Site TSF
Date: November 6, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	5.18	282	2.10	926	6.9
15.09	14.44	14.51	5.04	6.94	222	3.62	727	11.9
20.01	19.36	19.41	4.90	8.32	180	5.15	589	16.9
25.10	24.44	24.49	5.07	10.81	143	6.67	469	21.9
30.02	29.36	29.40	4.91	9.68	155	8.20	508	26.9
35.27	34.61	34.65	5.24	10.72	149	9.75	489	32.0
40.03	39.37	39.40	4.75	9.45	153	11.27	503	37.0
46.26	45.60	45.63	6.23	9.24	206	12.95	674	42.5
50.03	49.38	49.40	3.77	3.16	364	14.47	1194	47.5
55.12	54.46	54.48	5.08	3.37	459	15.82	1507	51.9
60.04	59.38	59.40	4.92	2.69	558	17.35	1829	56.9
63.16	62.50	62.52	3.12	2.06	461	18.57	1514	60.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-11
Location Church Rock Mill Site TSF
Date: November 7, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	5.03	291	2.10	953	6.9
15.26	14.60	14.68	5.21	6.35	250	3.65	821	12.0
20.01	19.36	19.41	4.74	5.65	255	5.17	838	17.0
25.10	24.44	24.49	5.07	5.95	260	6.67	853	21.9
30.02	29.36	29.40	4.91	5.48	273	8.20	897	26.9
35.10	34.45	34.48	5.08	5.15	301	9.72	987	31.9
40.03	39.37	39.40	4.92	5.36	280	11.25	918	36.9
45.11	44.46	44.48	5.08	6.13	253	12.77	829	41.9
50.03	49.38	49.40	4.92	7.59	197	14.30	648	46.9
55.12	54.46	54.48	5.08	7.94	195	15.82	640	51.9
60.04	59.38	59.40	4.92	4.00	375	17.35	1229	56.9
65.29	64.63	64.65	5.25	4.81	332	18.90	1091	62.0
70.21	69.55	69.57	4.92	4.64	323	20.45	1060	67.1
75.13	74.47	74.49	4.92	4.90	306	21.95	1003	72.0
80.05	79.40	79.41	4.92	4.90	306	23.45	1005	76.9
85.14	84.48	84.49	5.08	4.12	376	24.97	1235	81.9
90.06	89.40	89.42	4.92	4.84	310	26.50	1016	86.9
95.14	94.49	94.50	5.08	3.11	499	28.02	1637	91.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-12
Location Church Rock Mill Site TSF
Date: November 7, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	4.69	311	2.10	1021	6.9
15.09	14.44	14.51	5.04	5.05	305	3.62	999	11.9
20.01	19.36	19.41	4.90	5.17	289	5.15	948	16.9
25.10	24.44	24.49	5.07	5.42	285	6.67	936	21.9
30.02	29.36	29.40	4.91	5.58	268	8.20	881	26.9
35.10	34.45	34.48	5.08	5.56	278	9.72	913	31.9
40.03	39.37	39.40	4.92	5.55	270	11.25	886	36.9
45.11	44.46	44.48	5.08	4.67	332	12.77	1089	41.9
50.03	49.38	49.40	4.92	5.18	289	14.30	949	46.9

CONETEC

Shear Wave Velocity Calculations

Job No.: 13-52118
Client: MWH Americas, Inc.
CPT No.: RCPT-15
Location Church Rock Mill Site TSF
Date: November 6, 2013

Geophone Offset: 0.66 (ft)
Source Offset: 1.50 (ft)

Test Depth (ft)	Geophone Depth (ft)	Ray Path (ft)	Incremental Distance (ft)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
5.08	4.43	4.68						
10.01	9.35	9.47	4.79	7.05	207	2.10	680	6.9
15.09	14.44	14.51	5.04	8.31	185	3.62	607	11.9
20.01	19.36	19.41	4.90	8.07	185	5.15	607	16.9
25.10	24.44	24.49	5.07	8.24	188	6.67	616	21.9
30.02	29.36	29.40	4.91	7.72	194	8.20	636	26.9
35.10	34.45	34.48	5.08	6.35	244	9.72	801	31.9
40.03	39.37	39.40	4.92	4.49	334	11.25	1095	36.9
45.93	45.28	45.30	5.90	5.41	333	12.90	1092	42.3
50.03	49.38	49.40	4.10	3.40	367	14.42	1206	47.3
55.12	54.46	54.48	5.08	4.45	348	15.82	1142	51.9

Seismic CPT Plots (SCPT Plots)

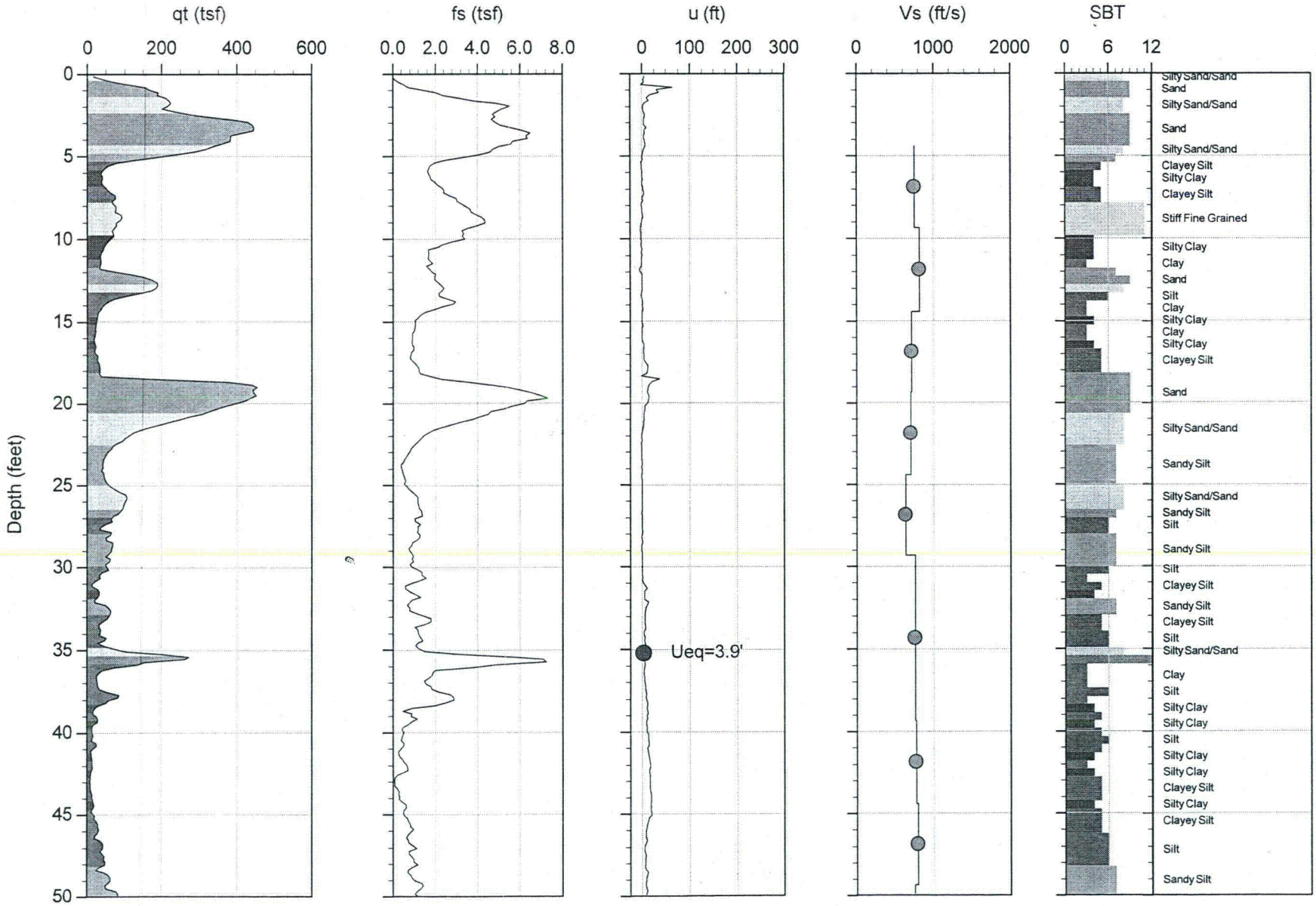
CONETEC

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 15:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155:T1500F15U500



Max Depth: 26.950 m / 88.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP01.COR
Unit Wt: SBT Chart Soil Zones

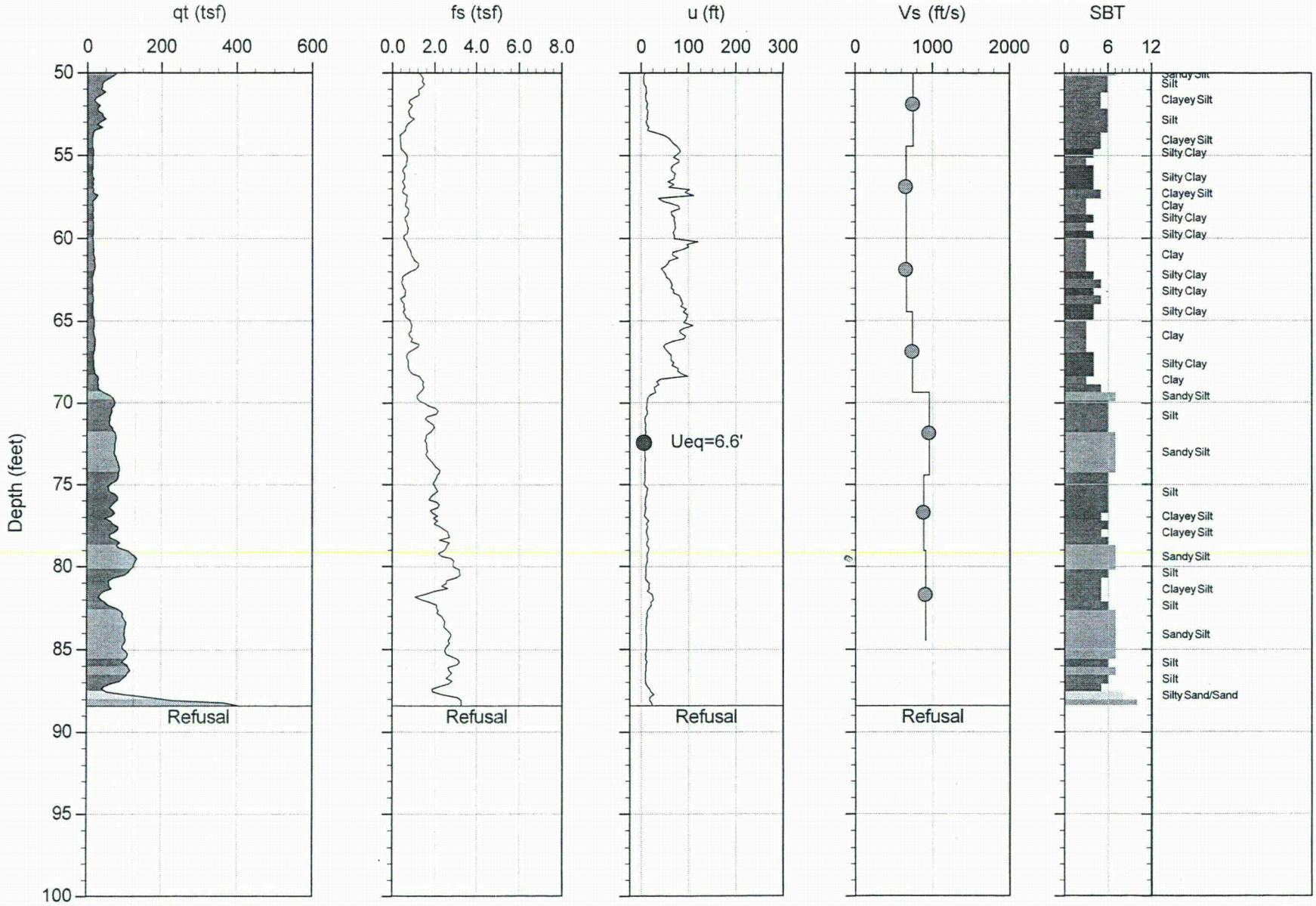
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649117 Long: -108.501667
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 15:36
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155:T1500F15U500



Max Depth: 26.950 m / 88.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP01.COR
Unit Wt: SBT Chart Soil Zones

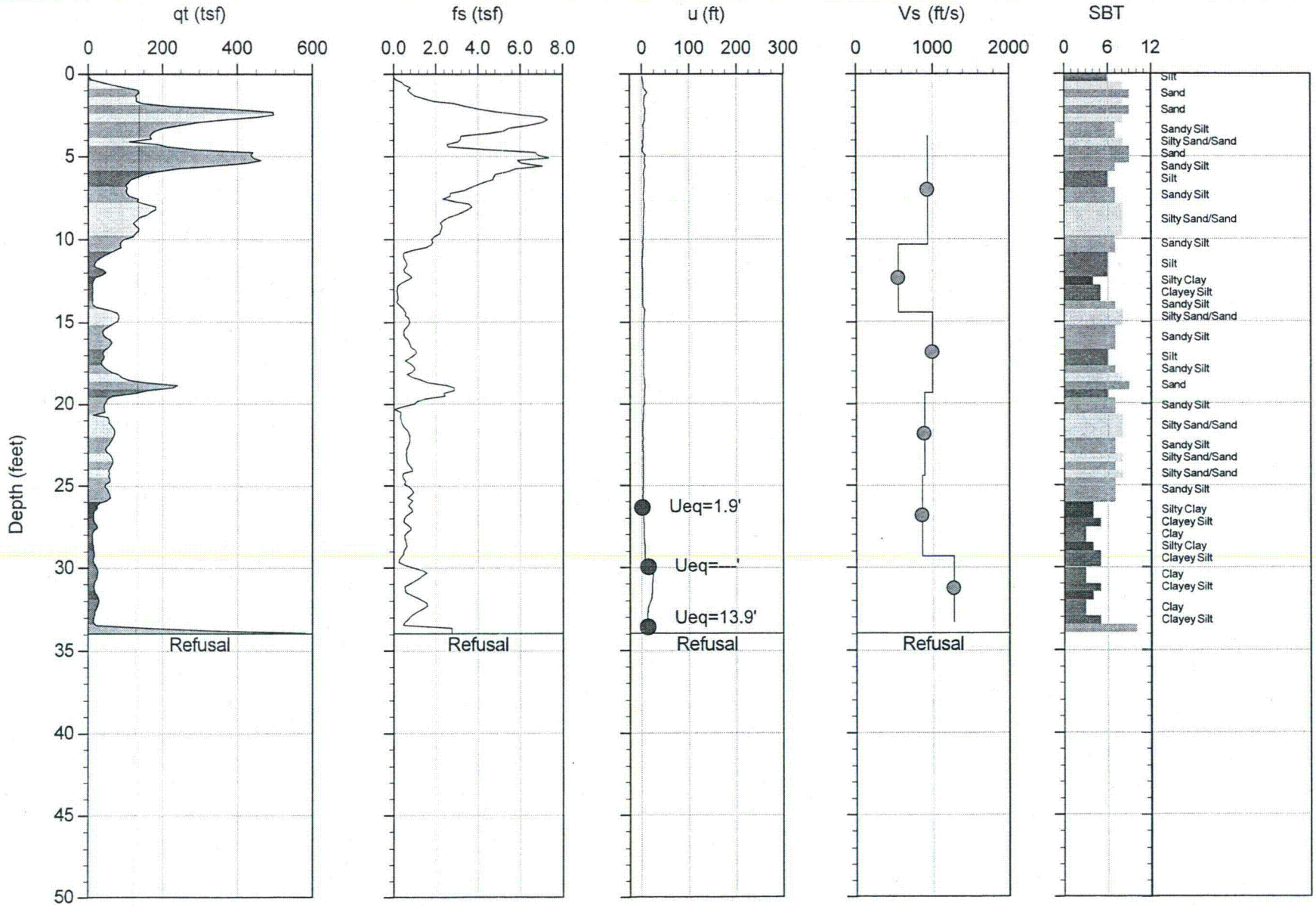
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649117 Long: -108.501667
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:05:13 13:37
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-02
Cone: 155:T1500F15U500



Max Depth: 10.350 m / 33.96 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP02.COR
Unit Wt: SBT Chart Soil Zones

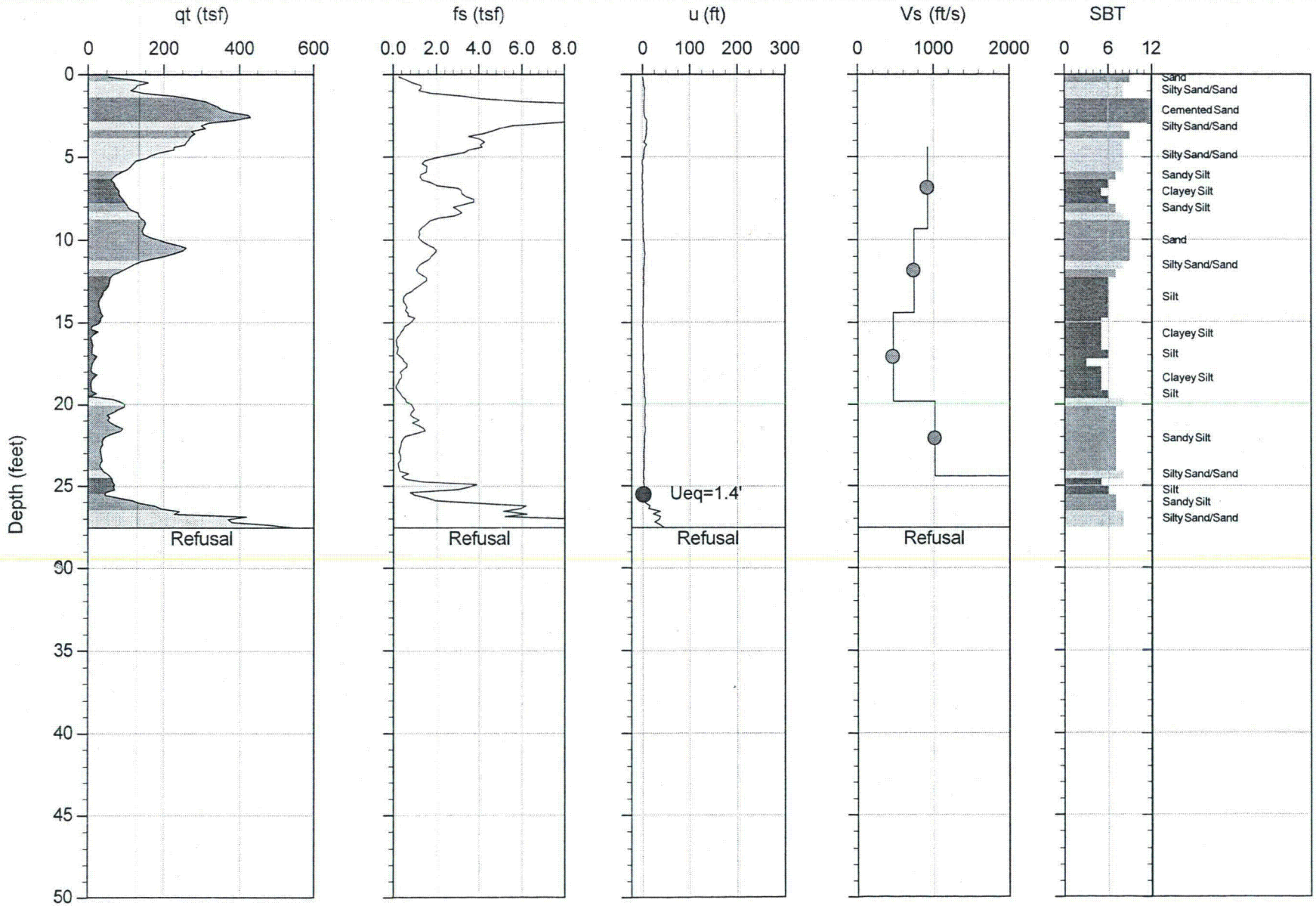
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650200 Long: -108.499750
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:05:13 13:39
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-04
Cone: 155:T1500F15U500



Max Depth: 8.400 m / 27.56 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP04.COR
Unit Wt: SBT Chart Soil Zones

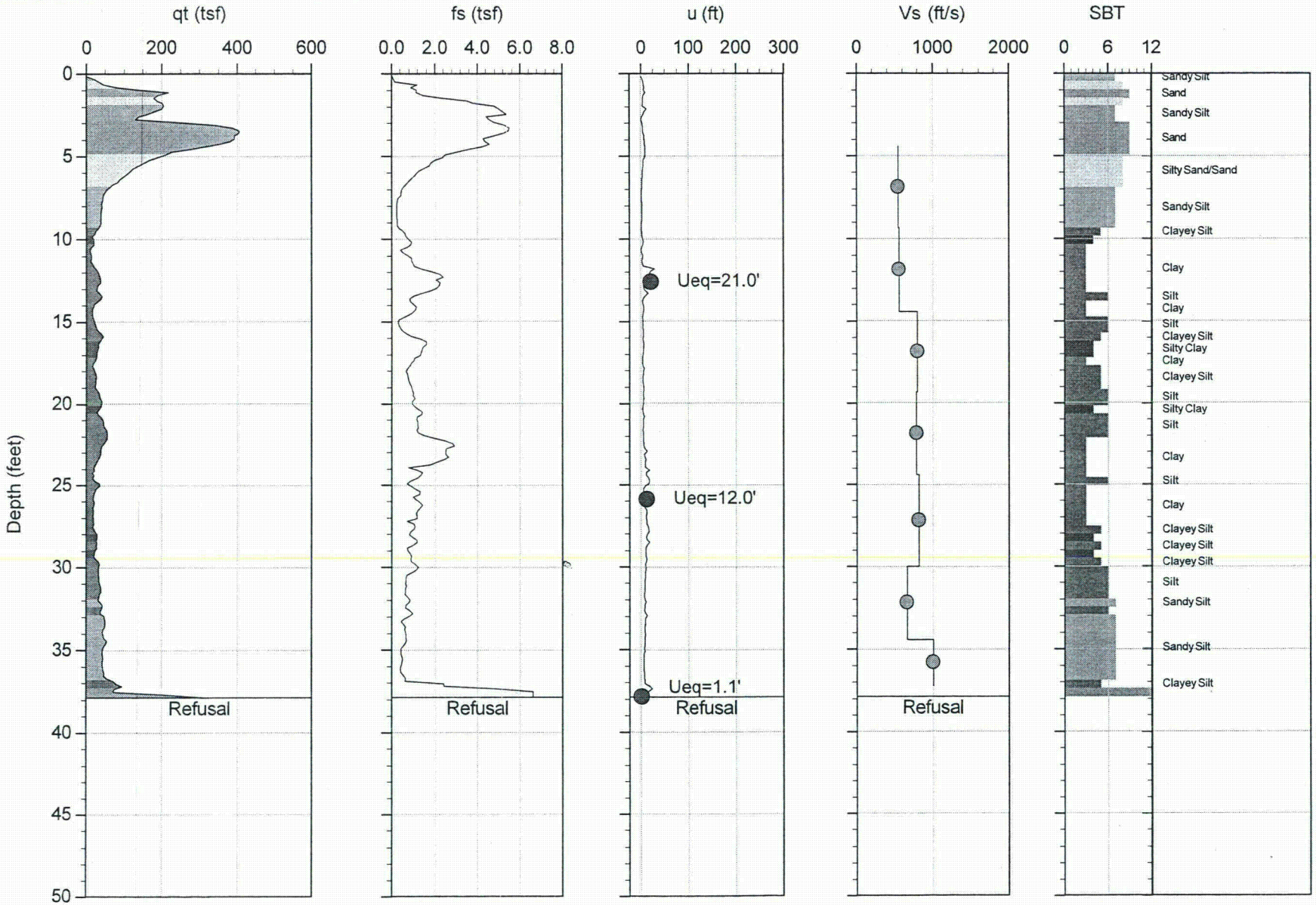
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649533 Long: -108.500483
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 08:30
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-05
Cone: 155:T1500F15U500



Max Depth: 11.550 m / 37.89 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP05.COR
Unit Wt: SBT Chart Soil Zones

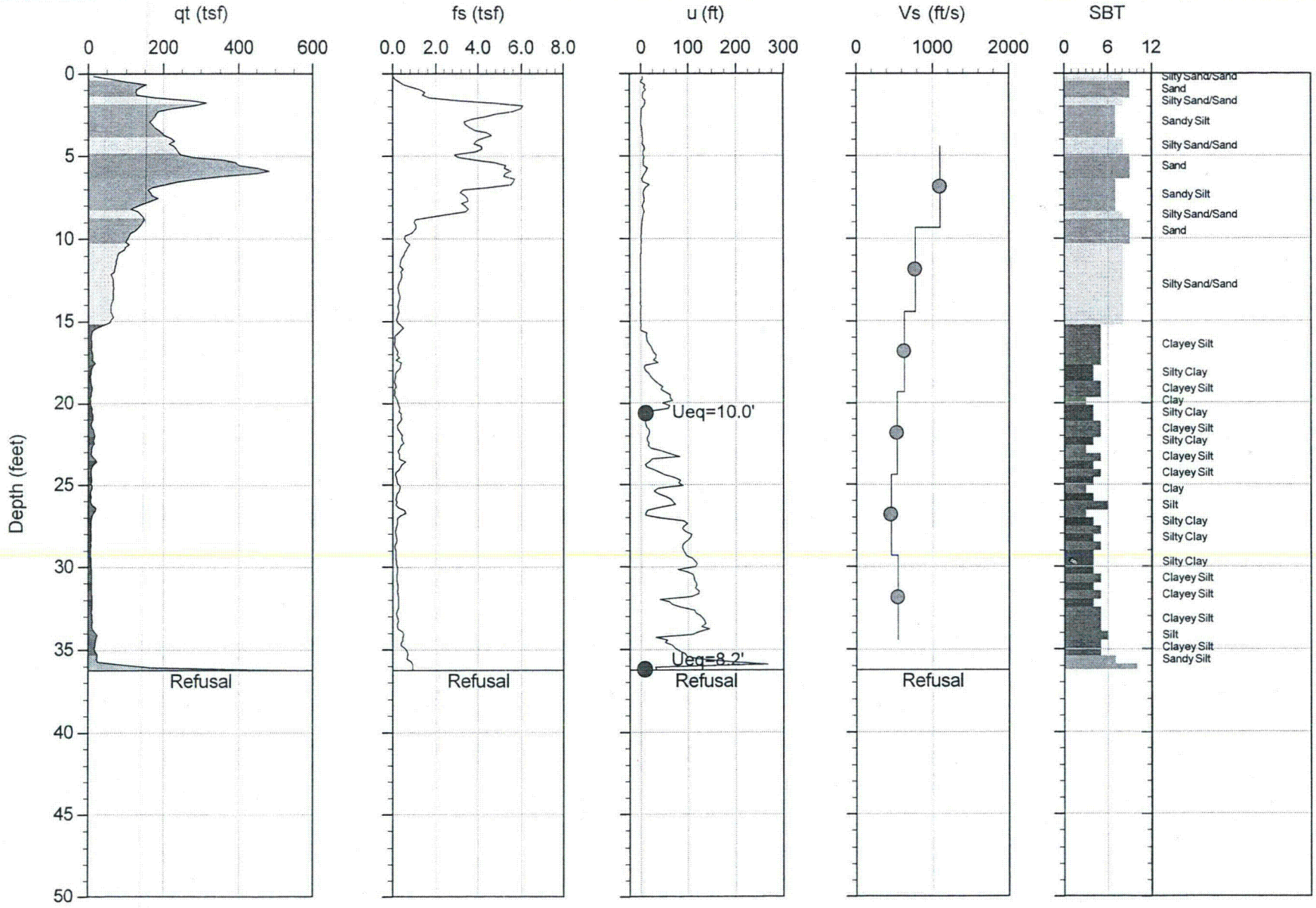
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648633 Long: -108.498283
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 13:01
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-06
Cone: 155:T1500F15U500



Max Depth: 11.050 m / 36.25 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP06.COR
Unit Wt: SBT Chart Soil Zones

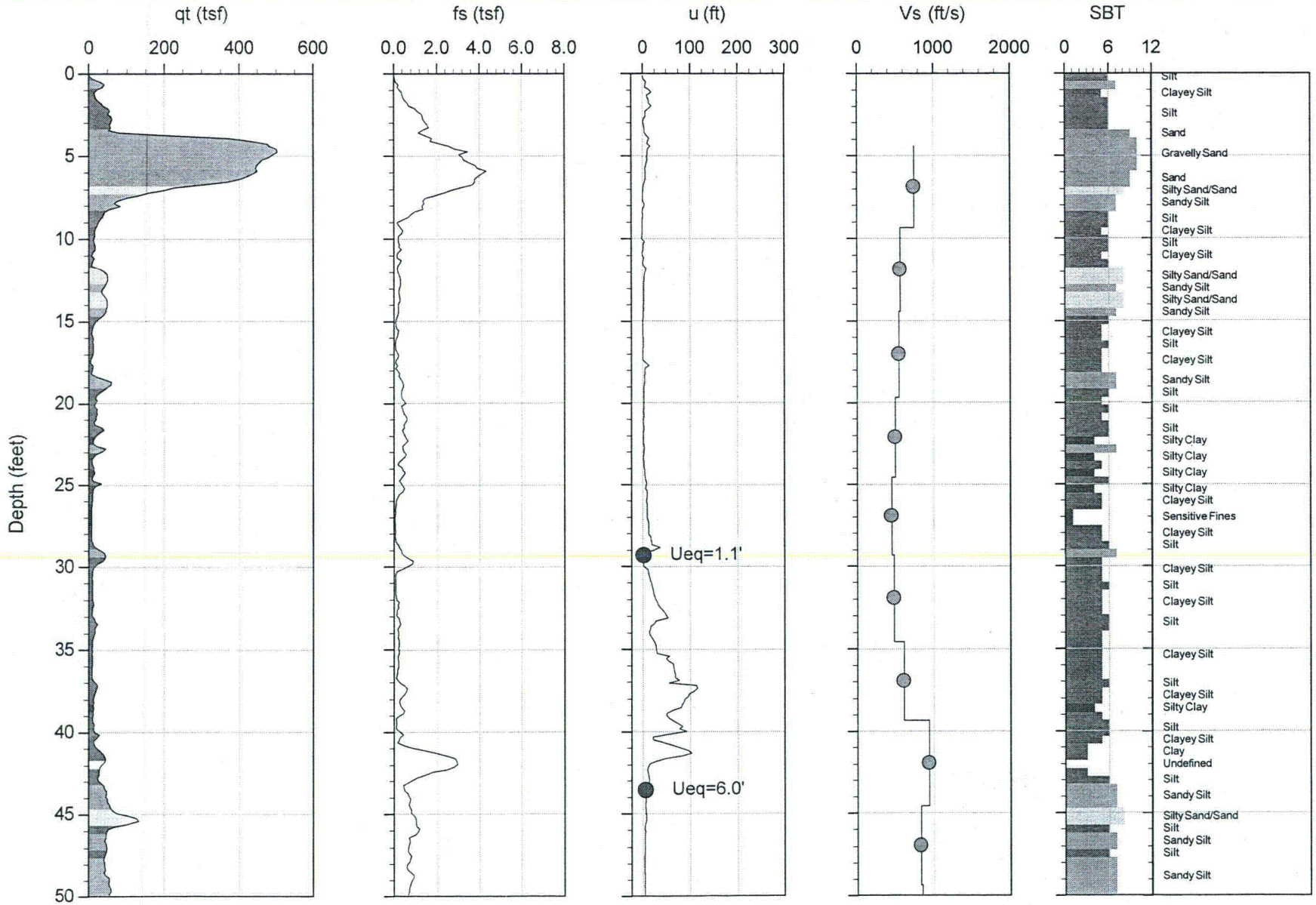
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648250 Long: -108.497050
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 11:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155:T1500F15U500



Max Depth: 21.350 m / 70.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP07.COR
Unit Wt: SBT Chart Soil Zones

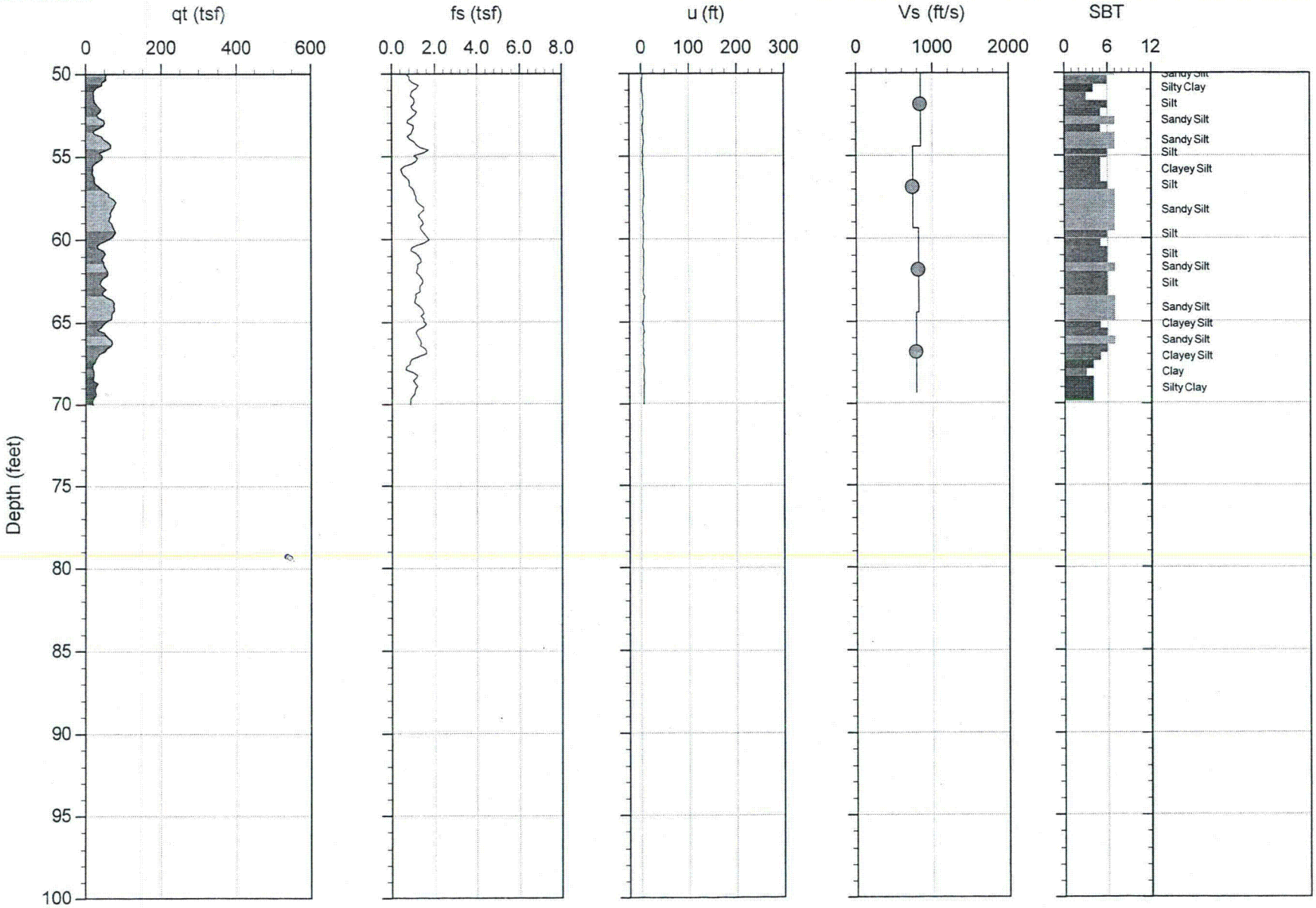
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647600 Long: -108.501200
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:08:13 11:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155:T1500F15U500



Max Depth: 21.350 m / 70.05 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP07.COR
Unit Wt: SBT Chart Soil Zones

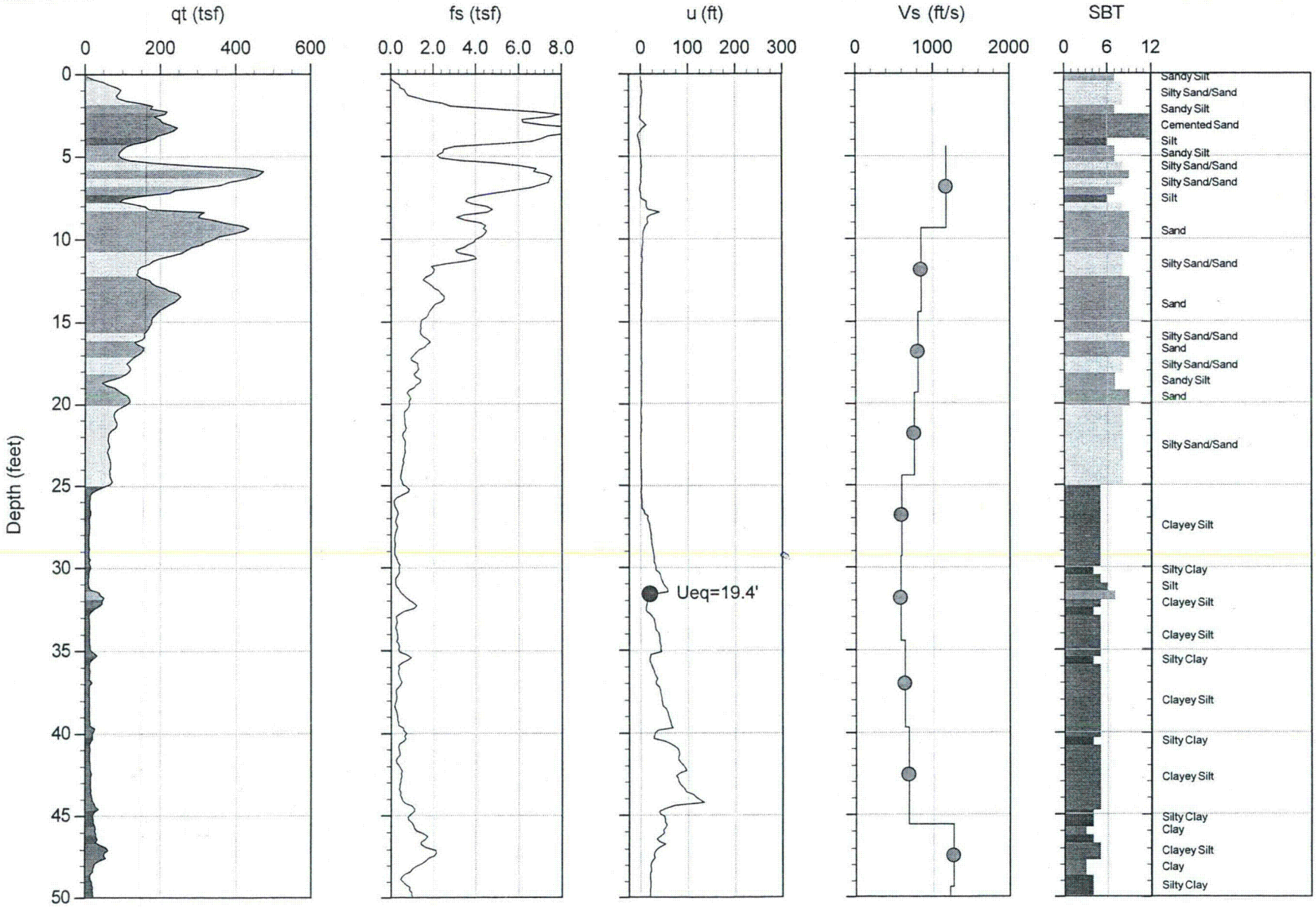
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647600 Long: -108.501200
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 08:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155:T1500F15U500



Max Depth: 18.550 m / 60.86 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP08.COR
Unit Wt: SBT Chart Soil Zones

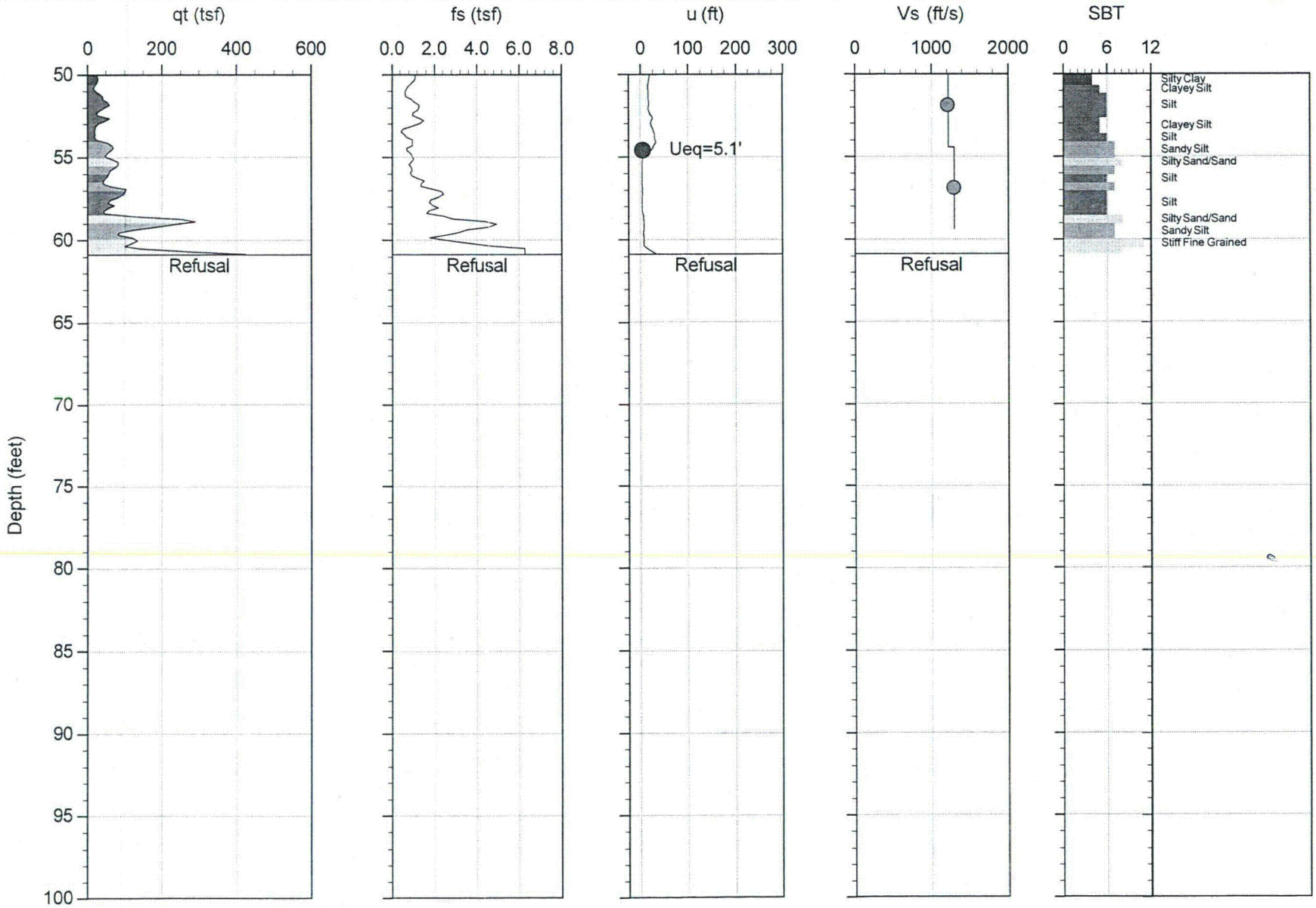
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.497250
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 08:21
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155:T1500F15U500



Max Depth: 18.550 m / 60.86 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP08.COR
Unit Wt: SBT Chart Soil Zones

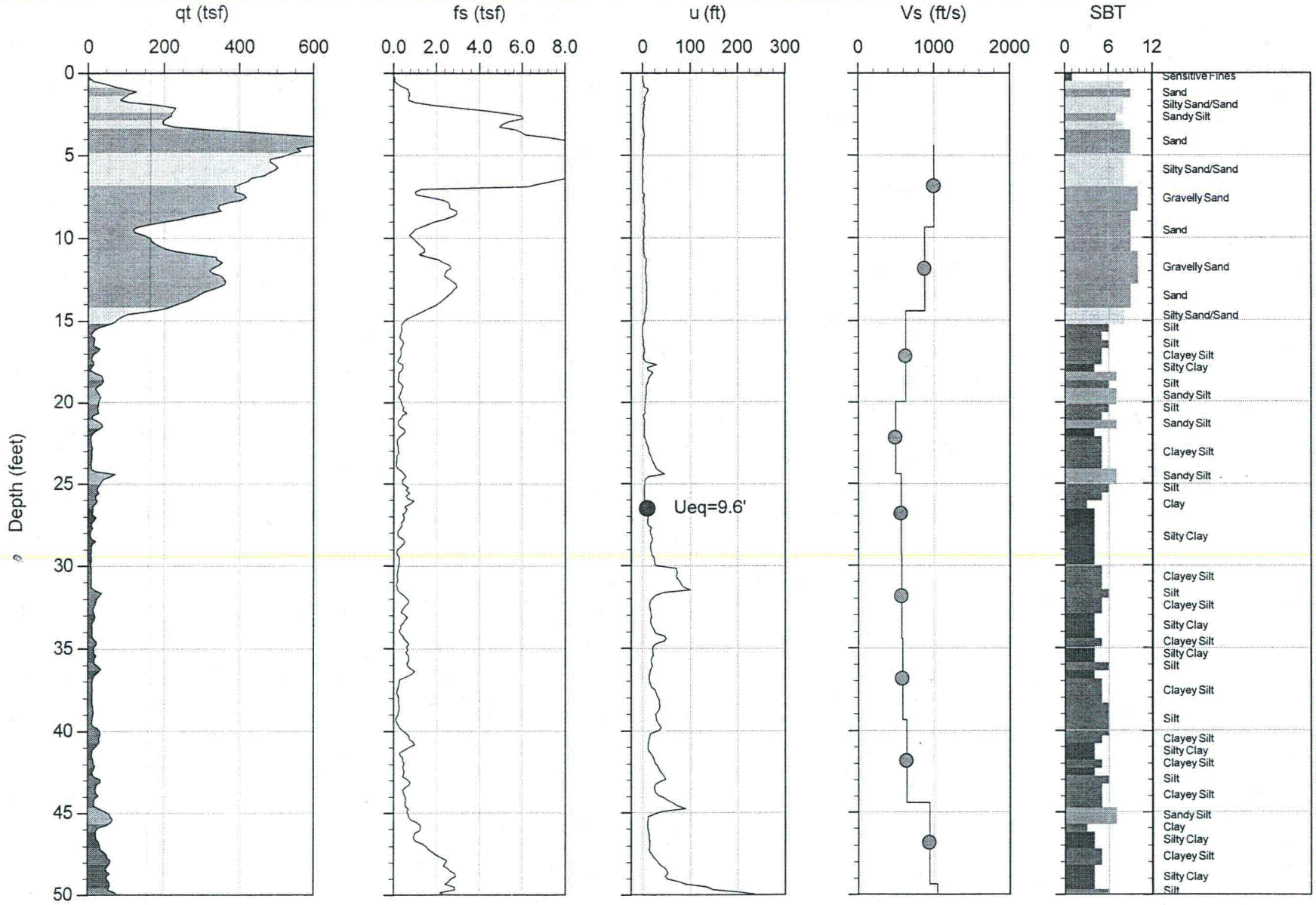
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.497250
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 14:52
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-09
Cone: 155:T1500F15U500



Max Depth: 21.150 m / 69.39 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP09.COR
Unit Wt: SBT Chart Soil Zones

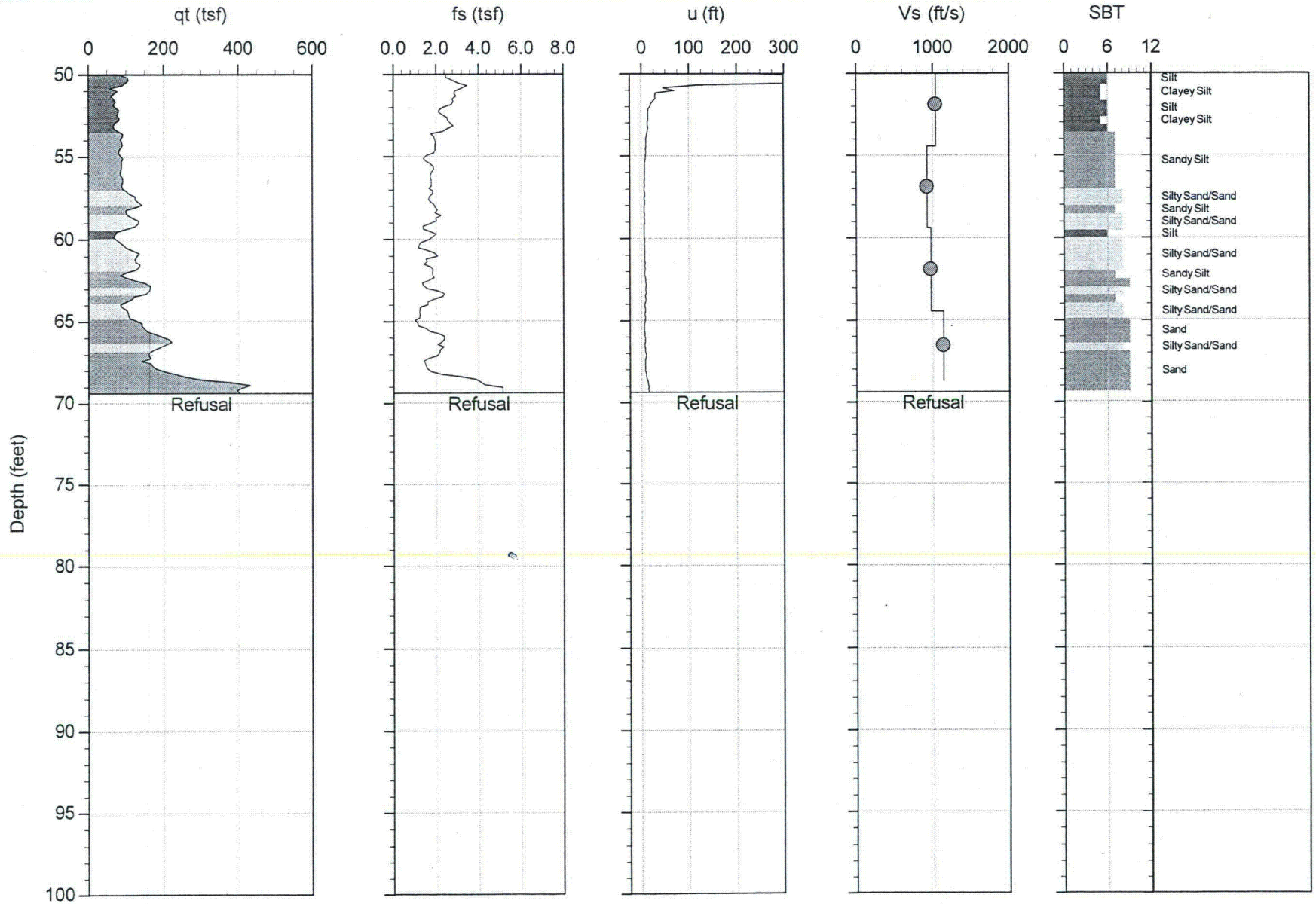
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 14:52
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-09
Cone: 155:T1500F15U500



Max Depth: 21.150 m / 69.39 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP09.COR
Unit Wt: SBT Chart Soil Zones

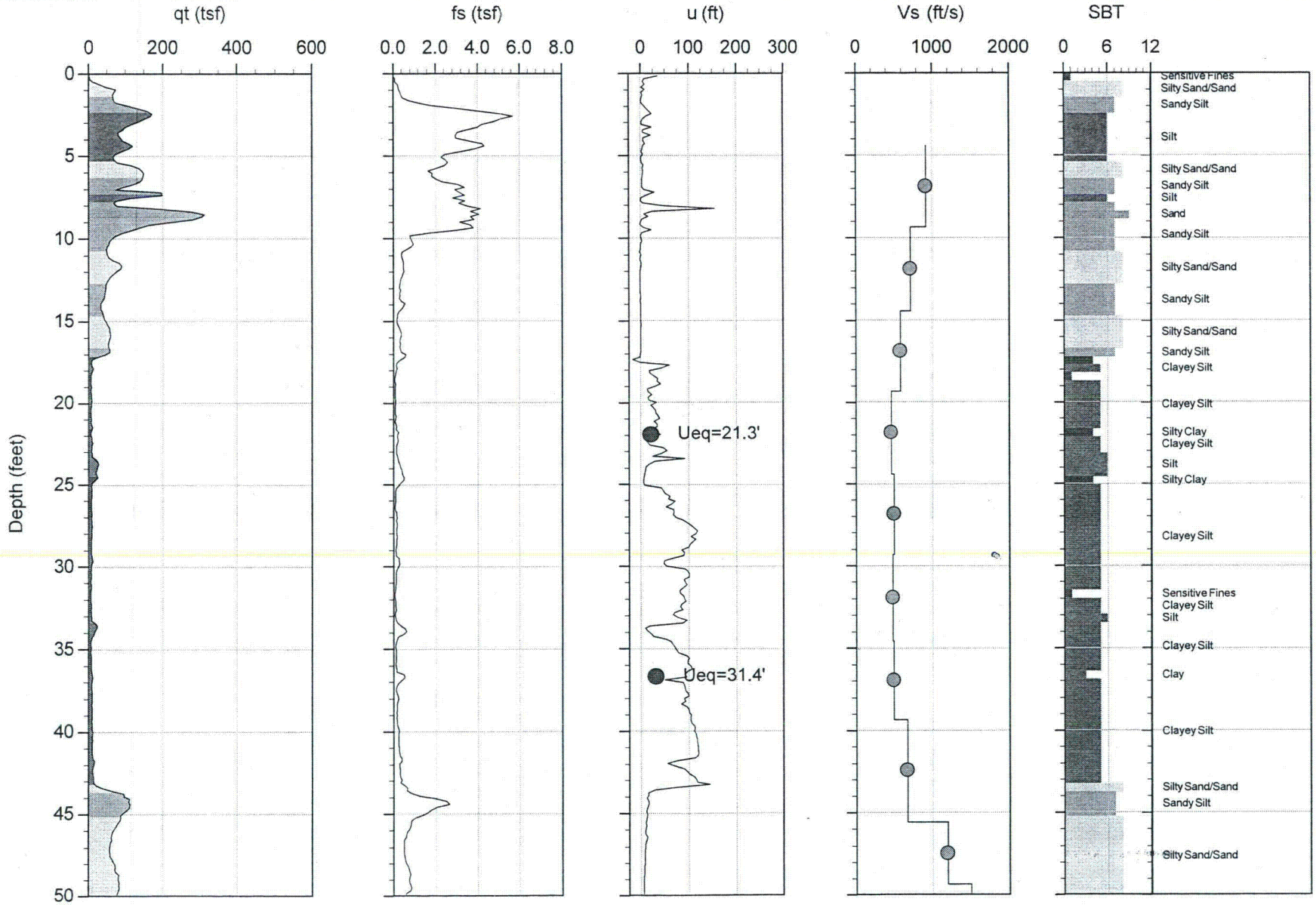
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 10:23
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155:T1500F15U500



Max Depth: 19.250 m / 63.16 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP10.COR
Unit Wt: SBT Chart Soil Zones

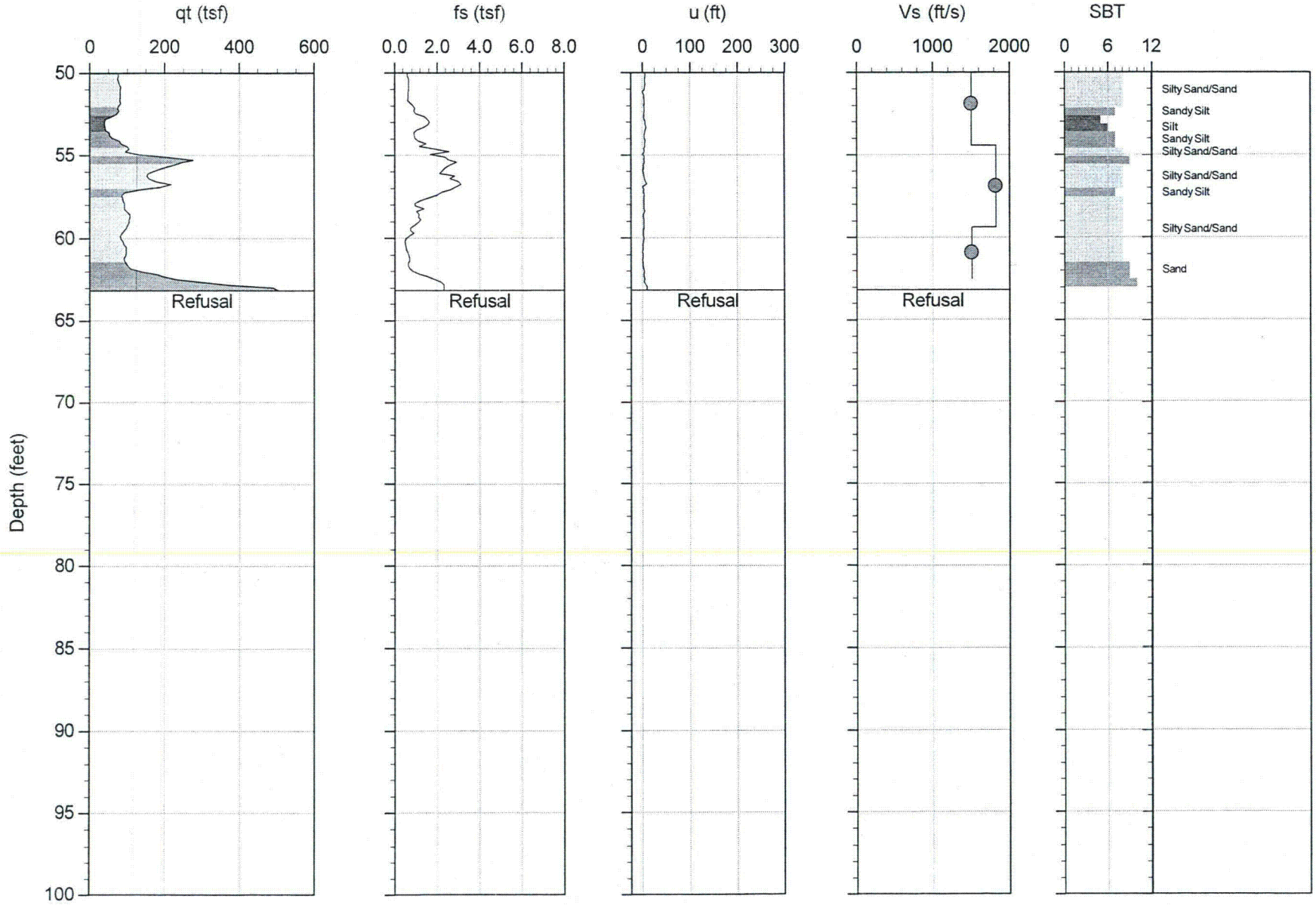
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647833 Long: -108.497217
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 10:23
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155:T1500F15U500



Max Depth: 19.250 m / 63.16 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP10.COR
Unit Wt: SBT Chart Soil Zones

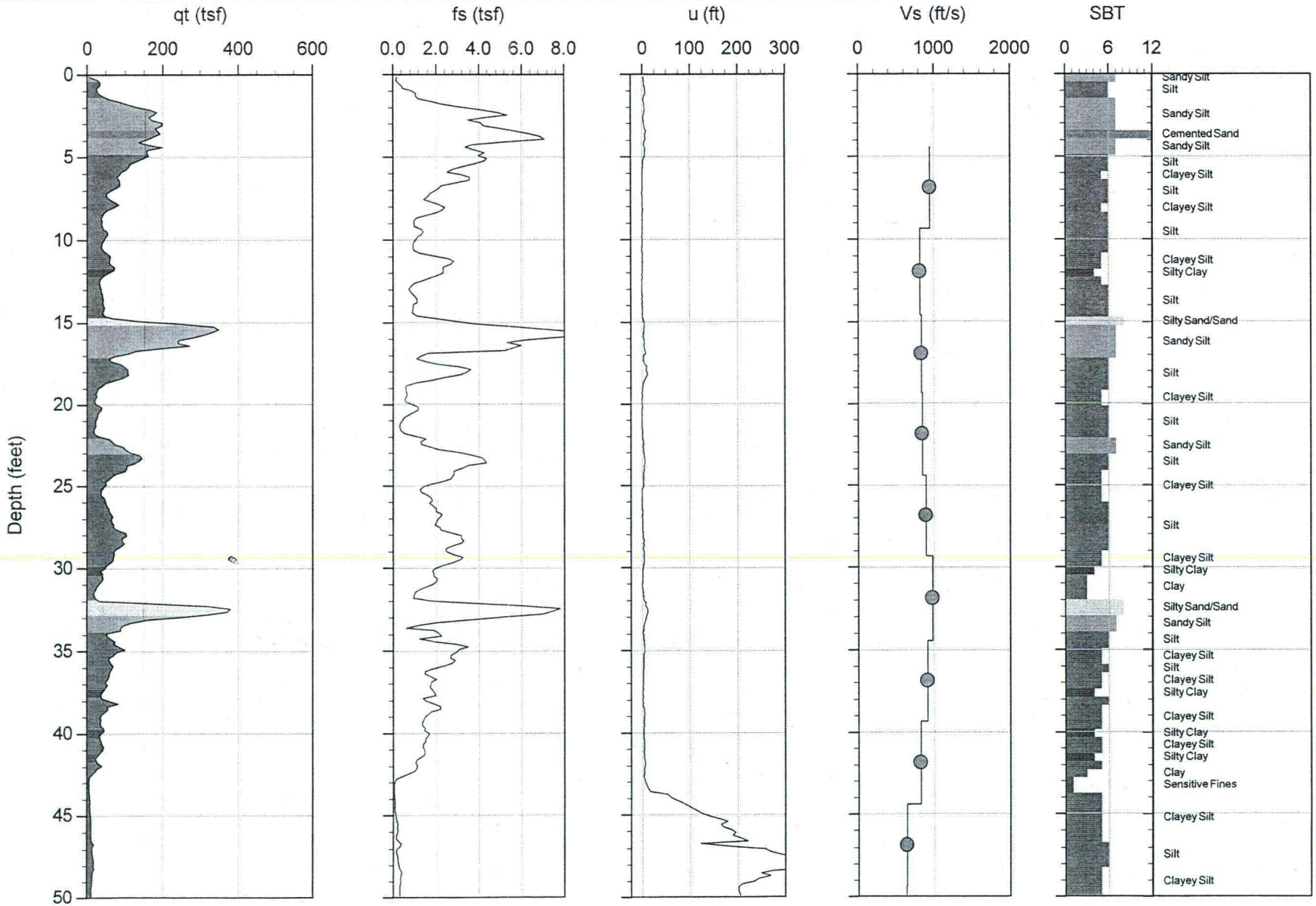
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647833 Long: -108.497217
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 12:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155:T1500F15U500



Max Depth: 29.500 m / 96.78 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP11.COR
Unit Wt: SBT Chart Soil Zones

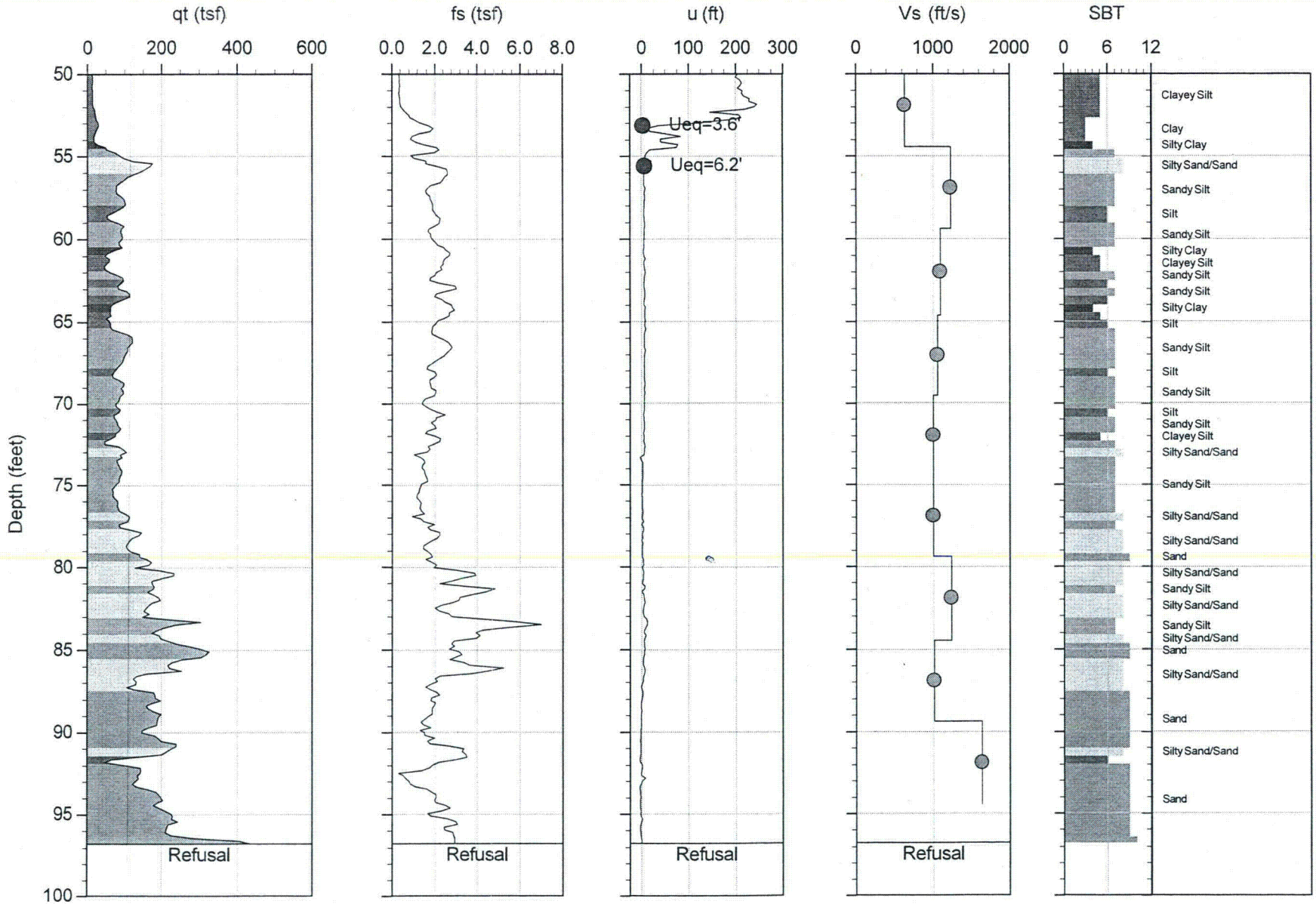
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647650 Long: -108.495850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 12:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155:T1500F15U500



Max Depth: 29.500 m / 96.78 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP11.COR
Unit Wt: SBT Chart Soil Zones

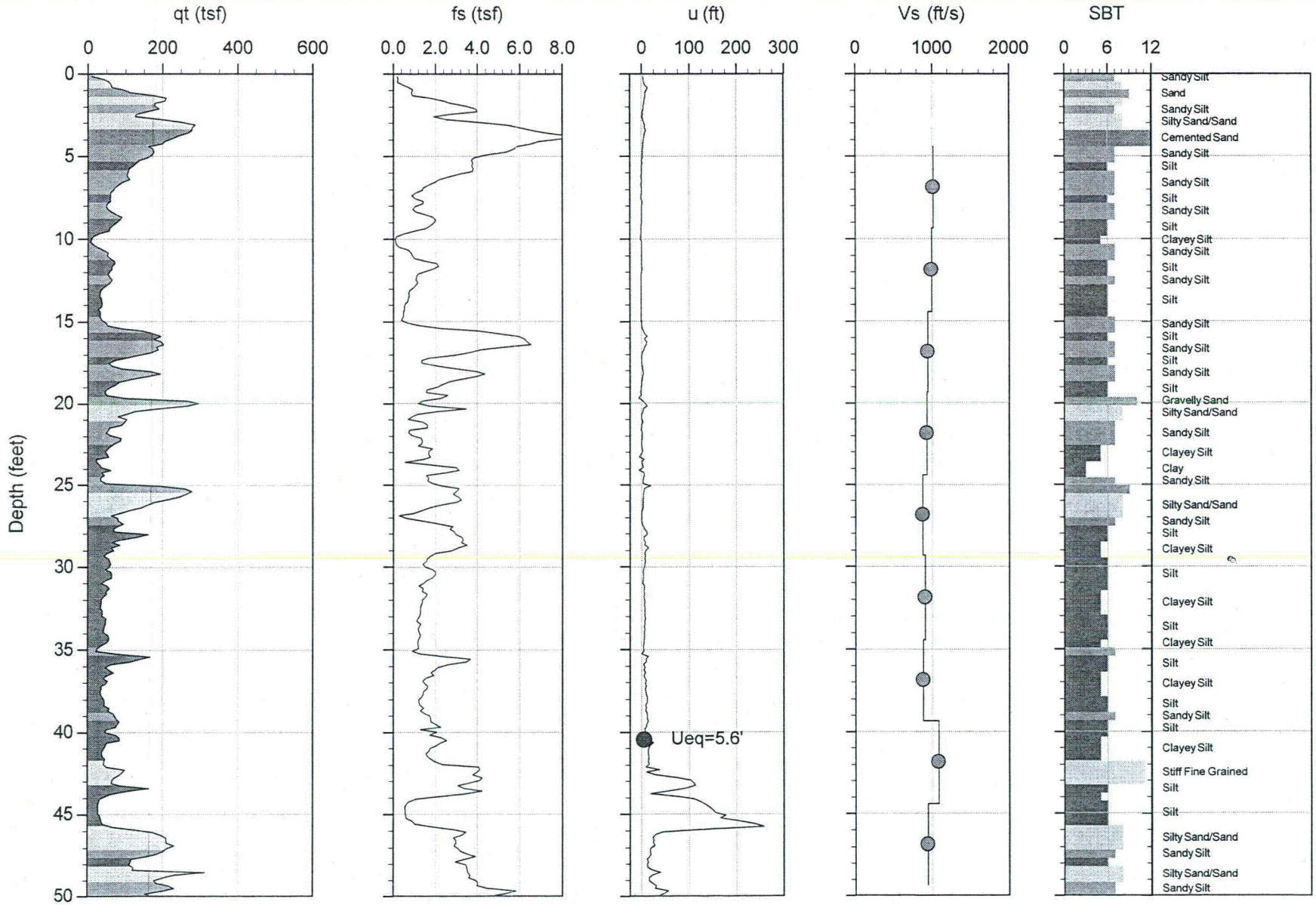
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647650 Long: -108.495850
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 10:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-12
Cone: 155:T1500F15U500



Max Depth: 16.000 m / 52.49 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP12.COR
Unit Wt: SBT Chart Soil Zones

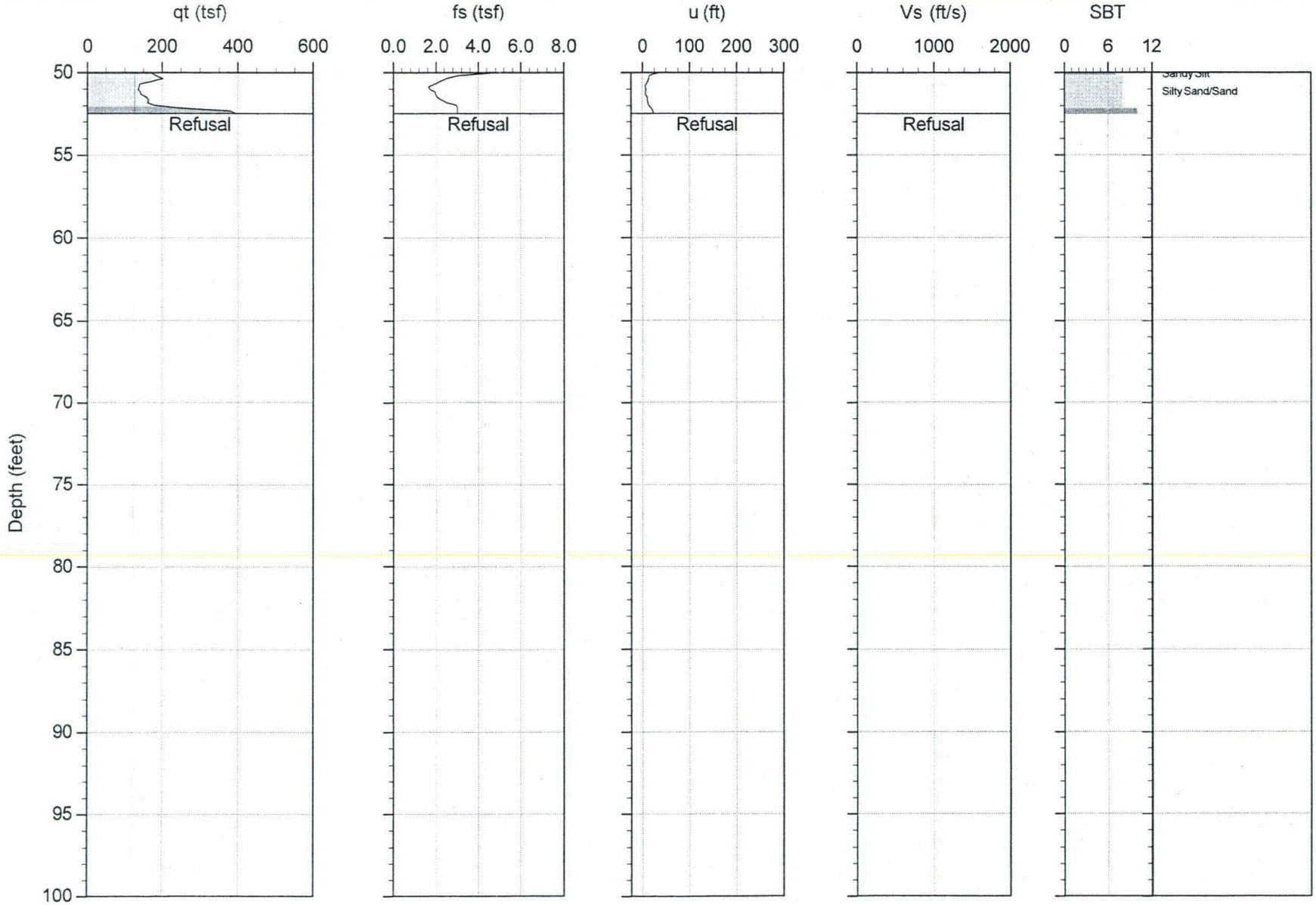
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 10:22
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-12
Cone: 155:T1500F15U500



Max Depth: 16.000 m / 52.49 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP12.COR
Unit Wt: SBT Chart Soil Zones

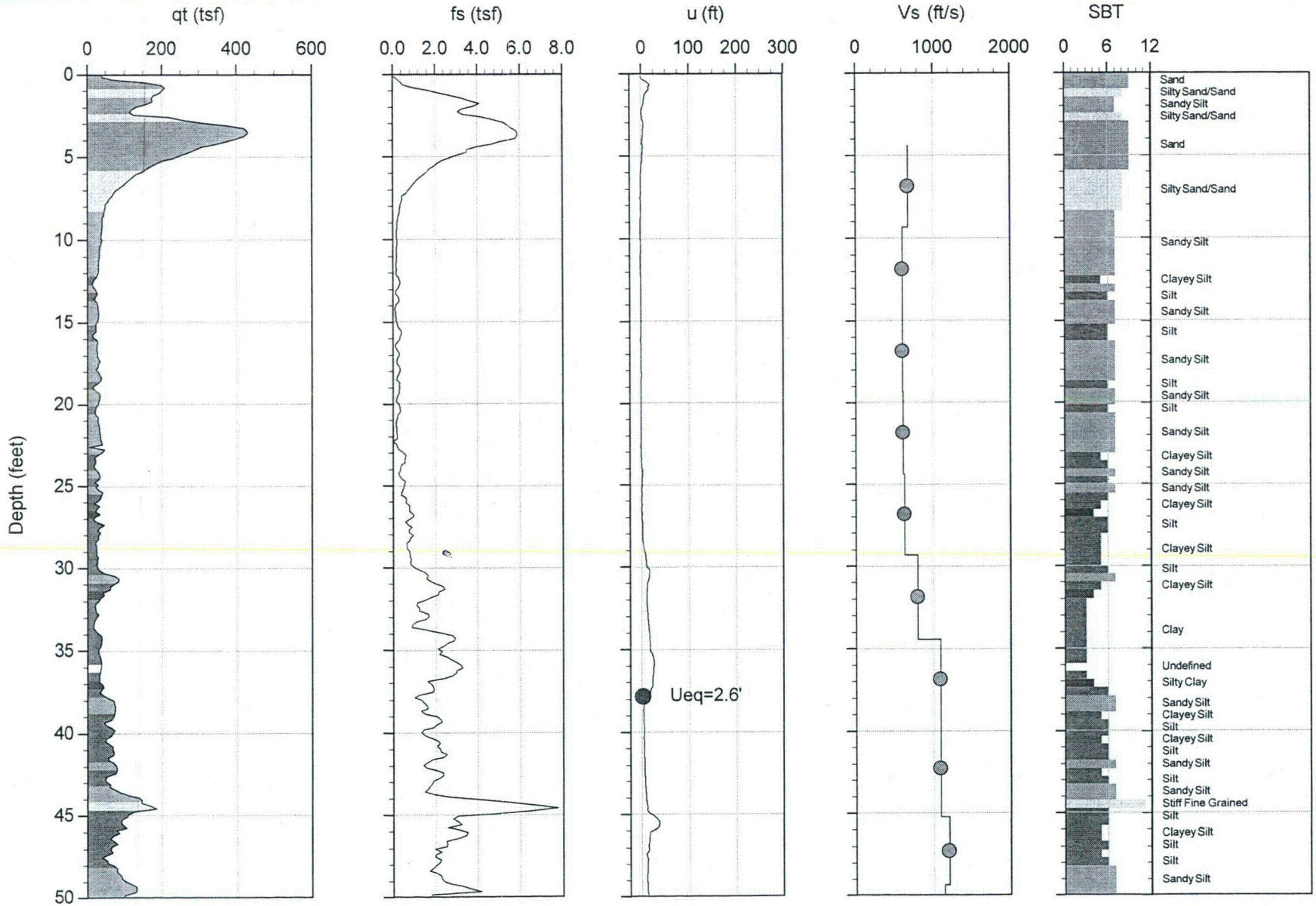
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 16:32
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-15
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP15.COR
Unit Wt: SBT Chart Soil Zones

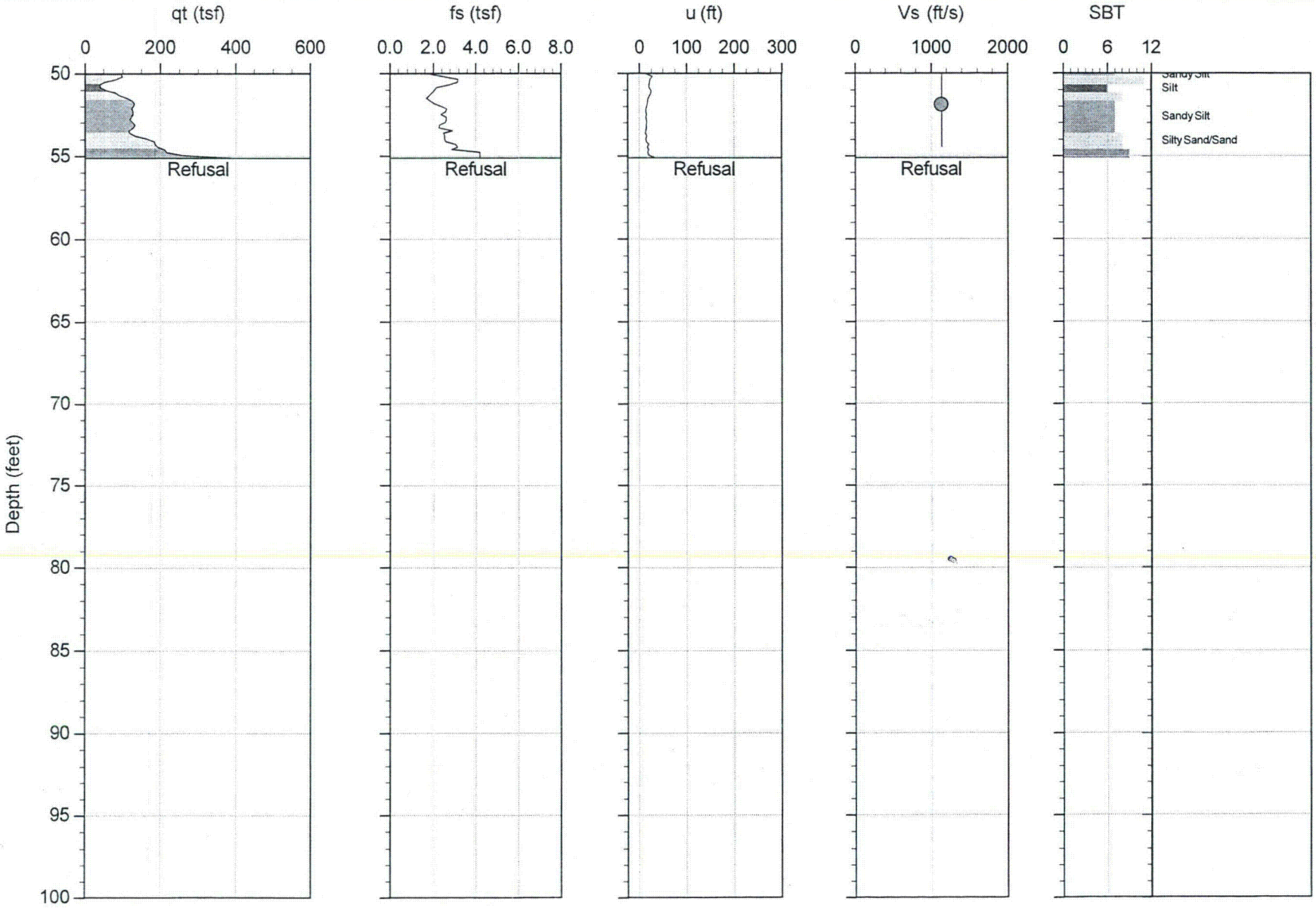
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:06:13 16:32
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-15
Cone: 155:T1500F15U500



Max Depth: 16.800 m / 55.12 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 13-52118_RP15.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation