MWH

BUILDING A BETTER WORLD

TECHNICAL MEMORANDUM

TO: *Lance Hauer, G.E.* DATE: *November 26, 2013*

FROM: *Jason Cumbers, PE and Clint Strachan, PE*

SUBJECT: *ConeTec CPT Interpretations - UNC Tailings Storage Facility*

This memorandum transmits the ConeTec plots for the 32 cone penetrometer test (CPT) completed through November 10, 2013 at the UNC tailings impoundment and presents a brief summary of the observations from impoundment tailings auger borings 1, 2 and 3. The auger boring and CPT locations are shown on the attached figure.

The ConeTec plots are a preliminary interpretation of the CPT test results, based on standard correlations. As outlined in MWH's work plan, the CPT investigation is the first phase of tailings and foundation material characterization. The supplemental investigation includes drilling and tailings sampling at selected CPT locations and laboratory testing of selected samples from the drilling program. MWH will be using the borehole samples and laboratory test data to refine the interpretation of the CPT results and profiles. Therefore, information presented in the ConeTec plots with regard to material types and properties for this site should be considered preliminary until the drilling, sampling and laboratory testing program is complete.

As described in the previous MWH memo (November 11, 2013), the CPT results thus far present relative information, and include a series of three different sets of profile plots: (1) frictional properties of the material including the friction ratio, (2) resistivity of the materials along with the tip and sleeve resistances, and (3) shear wave velocities, along with the tip and sleeve resistances. In addition to the profile characteristics, plots for the static pore pressure dissipation tests are included with the data. These tests were conducted at selected depths within some of the CPT holes. Actual material characteristics and water content will be determined after completion of material sampling and laboratory testing.

Tailings Impoundment Borings

The attached table (Table 1) summarizes the current drilling and sampling program. Tailings impoundment auger borings 1, 2, and 3 have been completed. The initial visual classifications from these boreholes indicate that softer layers identified in the CPT profiles (low resistivity and low resistance), i.e. below 26 feet at CPT-2 and below 39 feet at CPT-1, are within the alluvium underlying the impoundment, at the locations drilled. Generally, coarser-grained tailings were encountered at boring locations 1 and 2, with the depth of tailings and fill (total impoundment thickness) extending to about 35 feet at boring 1 and about 15 feet at boring 2. Fine-grained sand tailings were encountered below 30 feet at boring 1 and between about 12 and 13 feet at boring 2.

The boring at location 3 was performed through the embankment and encountered about 17 feet of sand or gravelly sand, overlying silty clay to about 47 feet. The silty clay is likely the starter dam. Alluvium was encountered below the dam and extended to the explored depth of

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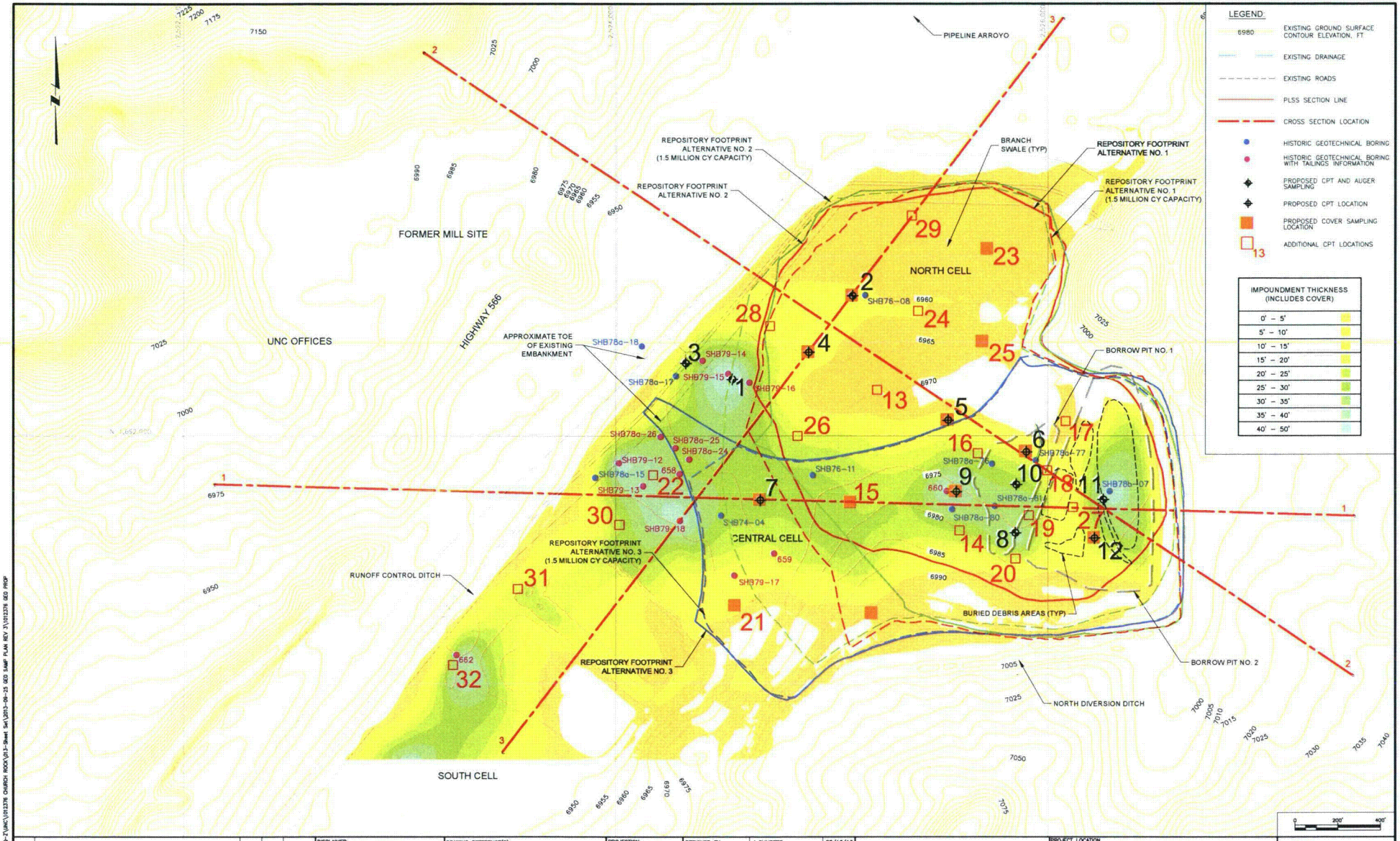
the borehole at 70 feet. The alluvium at location 3 includes interlayered sands and clays. The laboratory testing will provide further information on the materials, including grain-size and moisture contents.

Based on the CPT results and current auger drilling results, the plan is to implement the following changes to the drilling program:

- Drilling a borehole at CPT location 15 to evaluate conditions in the middle of the central cell;
- Drilling a borehole at CPT location 23 in the north cell to evaluate conditions in the northern portion of the north cell; and
- Eliminating borehole location 8, based on the CPT plots of conditions at location 8, which are very similar to conditions observed at location 10, where a soil boring is planned.

These changes to the drilling program will be further evaluated based on the results of the next two completed boreholes (10 and 11).

FIGURE



REV	DESCRIPTION	TECH	ENG	DATE
2	MILL SITE PDS REPORT FINAL	DM	JC	10/28/13
1	MILL SITE PDS REPORT REV. 1	KT	JC	09/25/13

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DRAWING REFERENCE(S):
1. ORIGINAL SURFACE TOPOGRAPHY GENERATED FROM AERIAL PHOTOGRAPHY DATED MAY 2007 BY COOPER AERIAL SURVEYS CO. AND USGS 10m DIGITAL ELEVATION MODELS (DEM).

PROJECTION: STATE PLANE COORDINATES
ZONE: NEW MEXICO WEST
DATUM: NAD 83
UNITS: NAD 83

DESIGNED BY	J CUMBERS	08/16/13
DRAWN BY	K TULLAR	08/16/13
CHECKED BY	C STRACHAN	08/16/13
APPROVED BY	E DORNFEST	08/16/13
PROJECT MANAGER	T LEESON	08/16/13
CLIENT APPROVAL		
CLIENT REFERENCE NO.		

PROJECT LOCATION: NORTHEAST CHURCH ROCK MINE
PROJECT: PRE-DESIGN STUDIES WORK PLAN
TITLE: PROPOSED SAMPLING LOCATIONS AND IMPOUNDMENT THICKNESS

MWH

FIGURE: FIGURE 3-1
REVISION: 2
FILE NAME: 1012376 GEO PROP

L:\Design-Drafting\Climate-G-Z\UNC\1012376 CHURCH ROCK\013-Sheet Set\2013-09-25 GEO SAMP PLAN REV 3\1012376 GEO PROP

TABLE

Table 1
Church Rock
Tailings Impoundment Drilling and Sampling

	Location:		**Dam**	**North Cell**	**North Cell**	**Borrow Pit 1**	**Borrow Pit 2**	**Central Cell**	**Borrow Pit 1**	**North Cell**
	Original Map Name:		3	2	1	10	11	15*	8*	23
	Sample Location Name:		*TI-B-03*	*TI-B-02*	*TI-B-01*	TI-B-10	TI-B-11	TI-B-15	TI-B-08	TI-B-23
	Drill Order:		*1*	*2*	*3*	4	5	6	7	8
	Projected Date:		*19-Nov*	*20-Nov*	*21-Nov*	25-Nov	2-Dec	3-Dec	4-Dec	5-Dec
Estimated Profile (based on CPT):	**Embankment:**		*47*	-	-	-	-	-	-	-
	Cover/Fill/Coarse Tailings		-	*15*	*30*	18	42	25	25	13
	Fine Tailings		-	-	-	25	12	7	20	-
	Alluvium		*23*	*18*	*40*	17	33	22	13	31
	Sandstone 3			*6*		20	?	?	20	2
	Sandstone 2					?		3	?	?
	Sandstone 1						20			
		Totals								
	CPT Footage:	**512**	*9*	*34*	*88*	63	97	55	61	44
	Actual or Target Drill Footage:	**547**	*70*	*39*	*70*	80	107	57	78	46
Sample Qtys:	**Continuous Core Samples -5'**	**110**	*14*	*8*	*14*	16	21	11	16	9
	Acrylic Liners -2.5' each	**53**	-	*4*	*4*	13	14	5	9	8
	CA Samples (every 5 feet)	**103**	*8*	*6*	*18*	15	20	11	16	16
	Shelby Tubes (substitue for CA samples)	**23**	*4*	*0*	*4*	3	2	1	3	3

19-Nov	20-Nov	21-Nov	25-Nov	2-Dec	3-Dec	4-Dec	5-Dec
	Week 1		Week 2		Week 3		

Notes:

*** Borings 15 and 23 will be added to the drilling program and we propose to eliminate boring 8, depending on the findings after drilling 10 and 11.**

1. Drilling depths in sandstone are best projection, limited by equipment. The work plan is to go to 20 feet in the rock or refusal whichever is less.
2. The goal with the rock is to get some core samples that we can run lab permeabilities on, please bag decent pieces of sandstone to maintain moisture
2. At locations 15 and 23, we should terminate after we tag the rock.
3. Shelby tubes at 3 should target the embankment soil and the underlying alluvium
4. Shelby tubes should target the tailings

ATTACHMENT

CONETEC CPT INFORMATION

CPT PLOTS

With Non-Normalized SBT Classifications

CONETEC

CONETEC

MWH Americas

Job No: 13-52118
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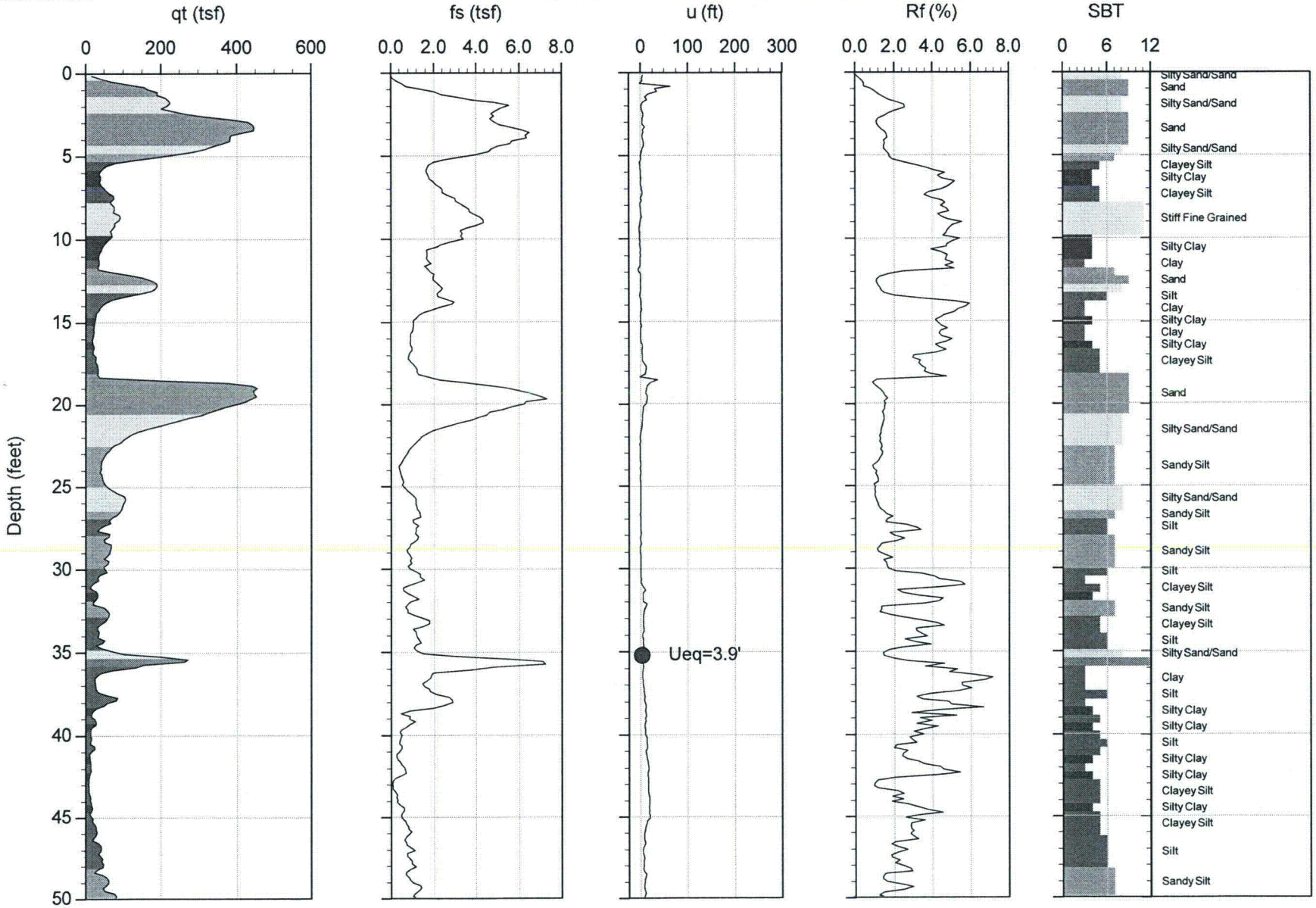
Sounding: RCPT-01
Cone: 155:T1500F15U500



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Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

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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

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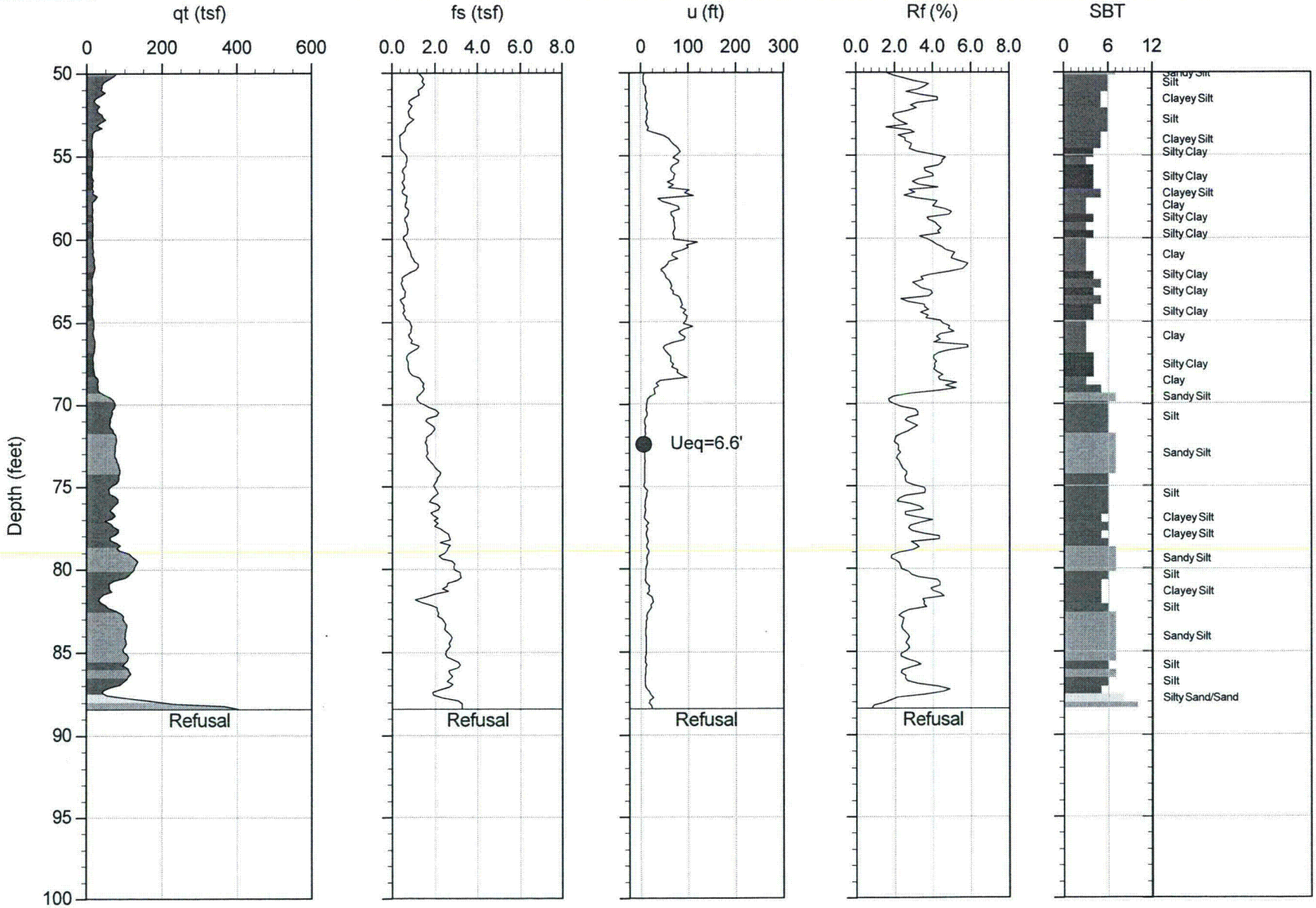

Max Depth: 26.950 m / 88.42 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

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Unit Wt: SBT Chart Soil Zones

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● Equilibrium Pore Pressure from Dissipation

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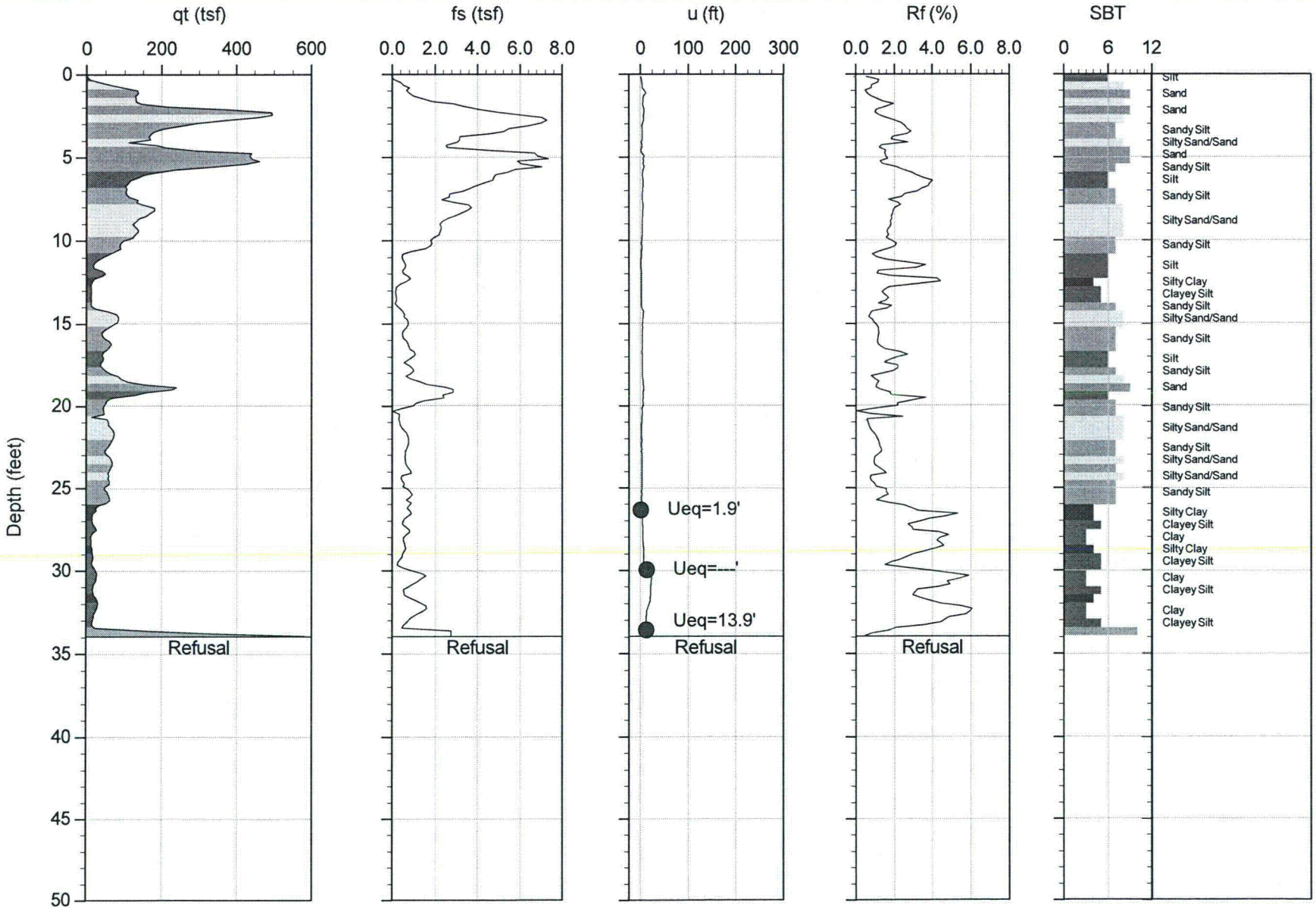

Max Depth: 10.350 m / 33.96 ft
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Avg Int: 0.150 m

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

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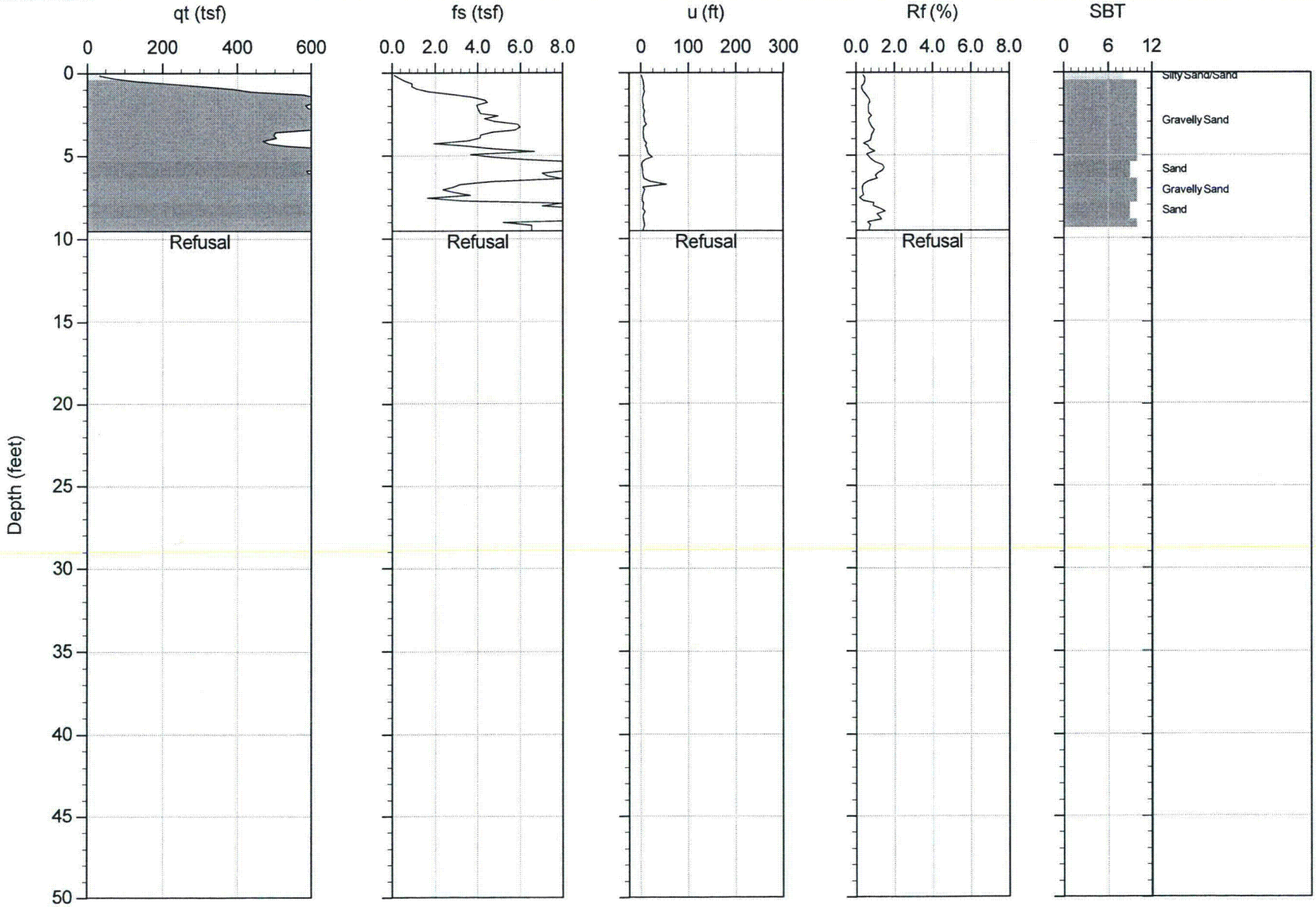

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SBT: Lunne, Robertson and Powell, 1997
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● Equilibrium Pore Pressure from Dissipation

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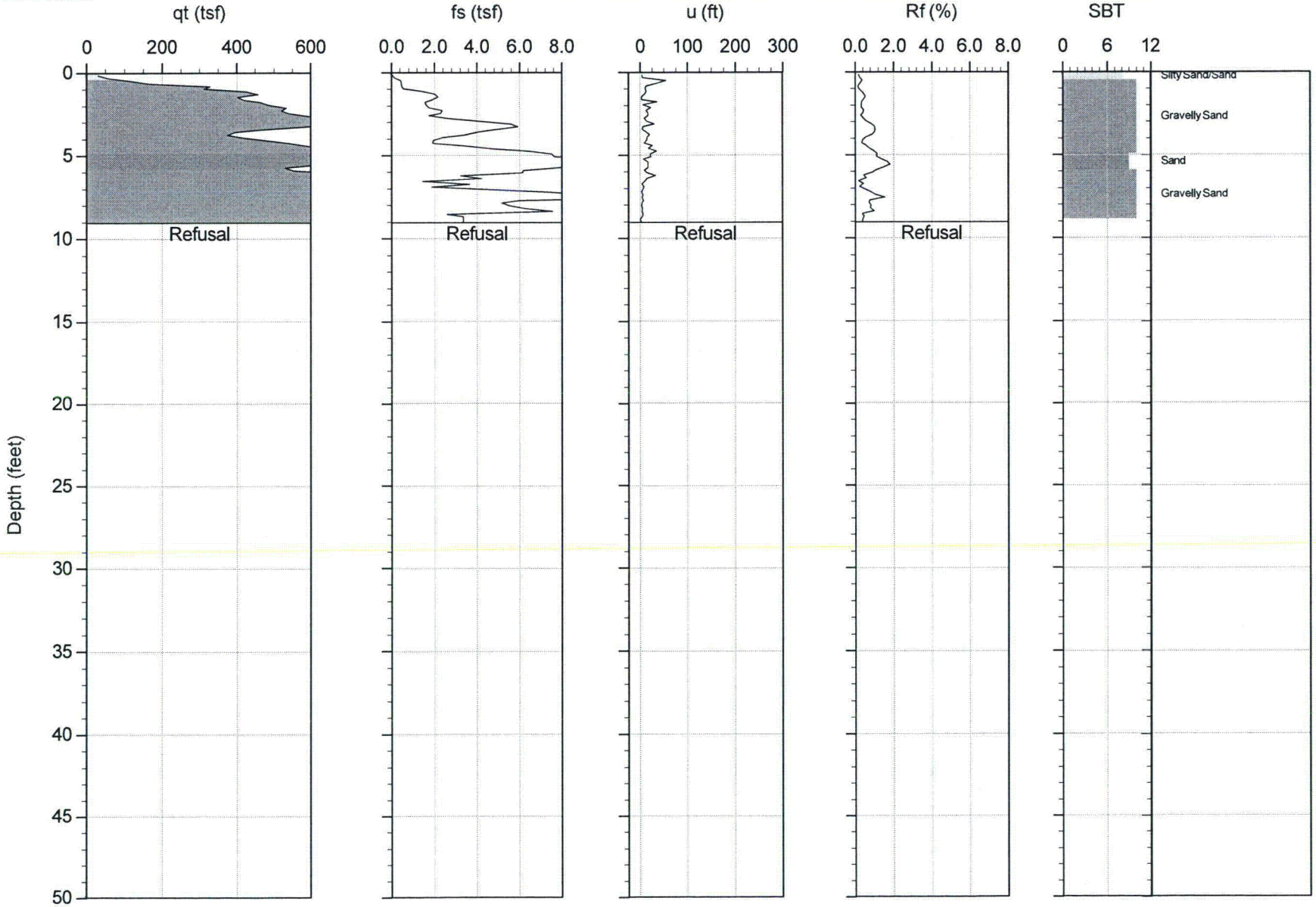

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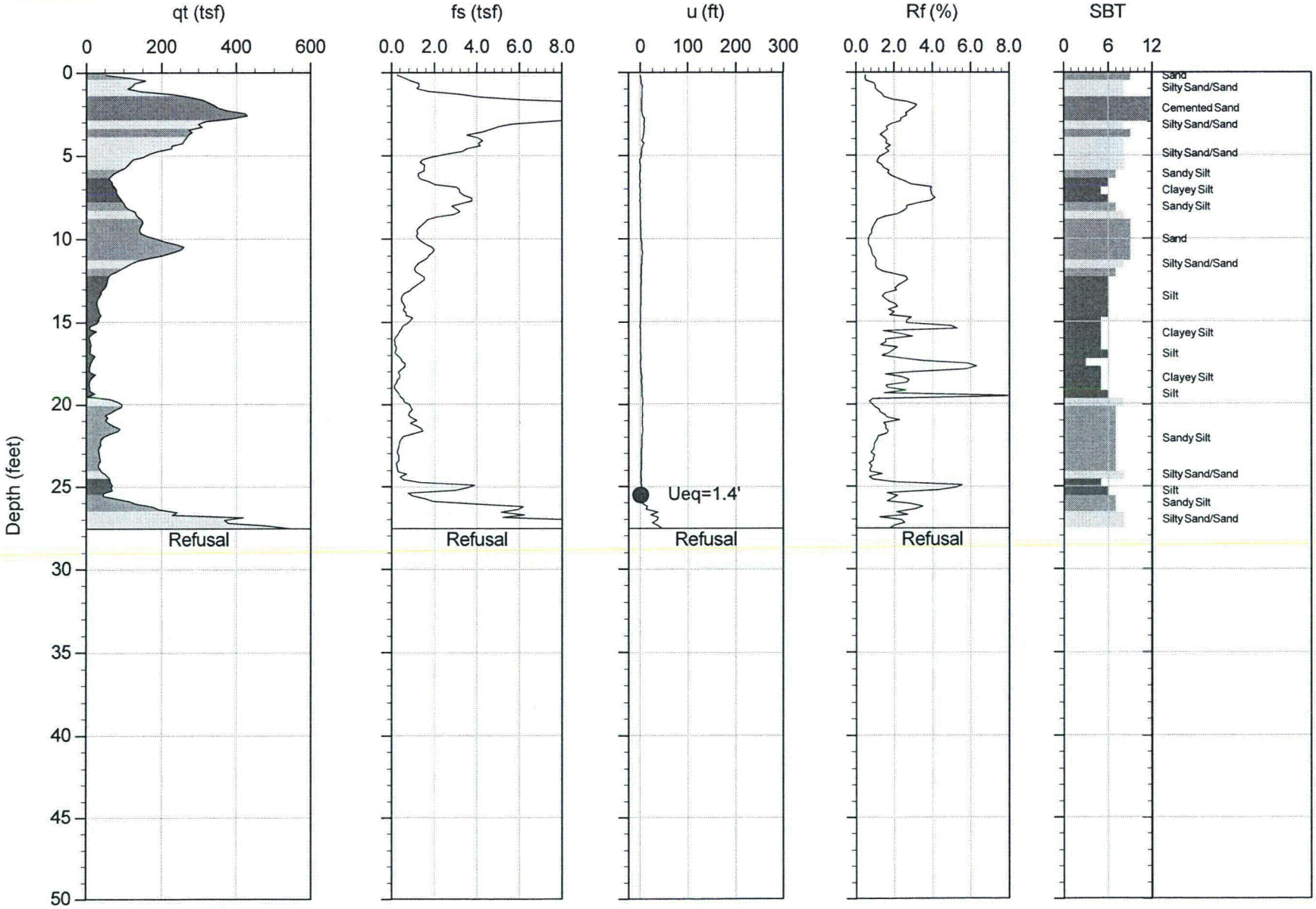

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● Equilibrium Pore Pressure from Dissipation

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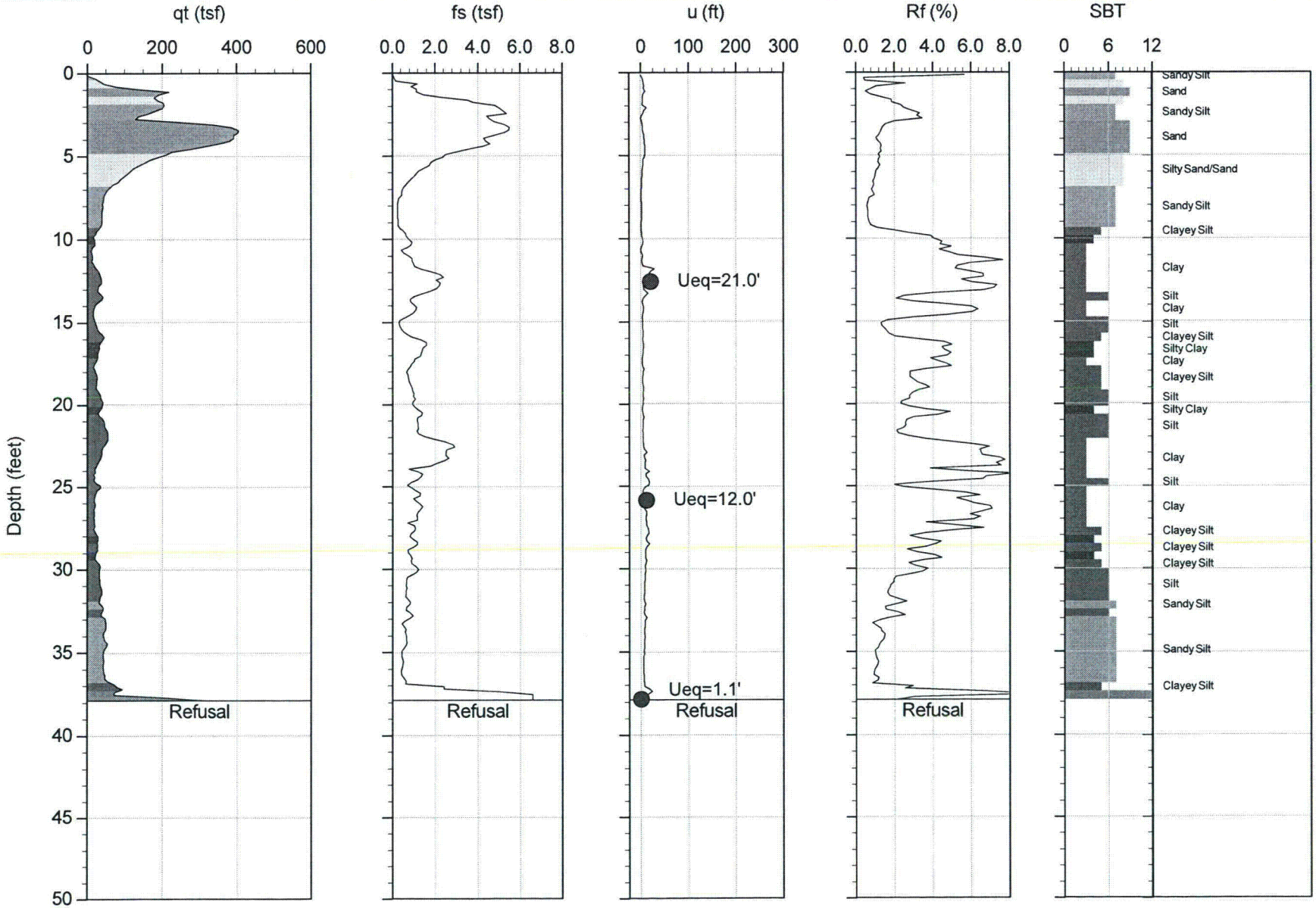

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Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997
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● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

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Sounding: RCPT-06
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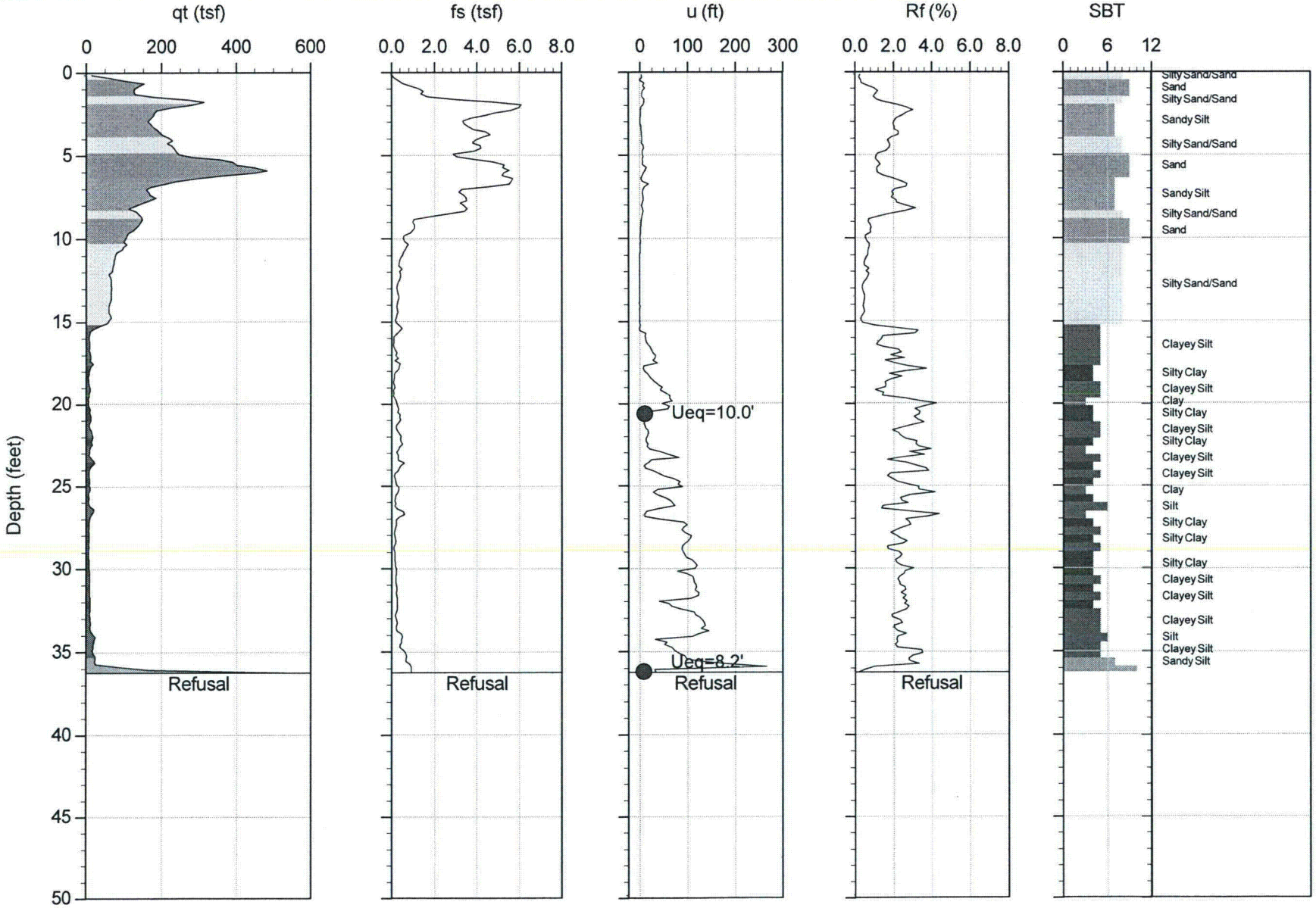

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Unit Wt: SBT Chart Soil Zones

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

CONETEC

MWH Americas

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Sounding: RCPT-07
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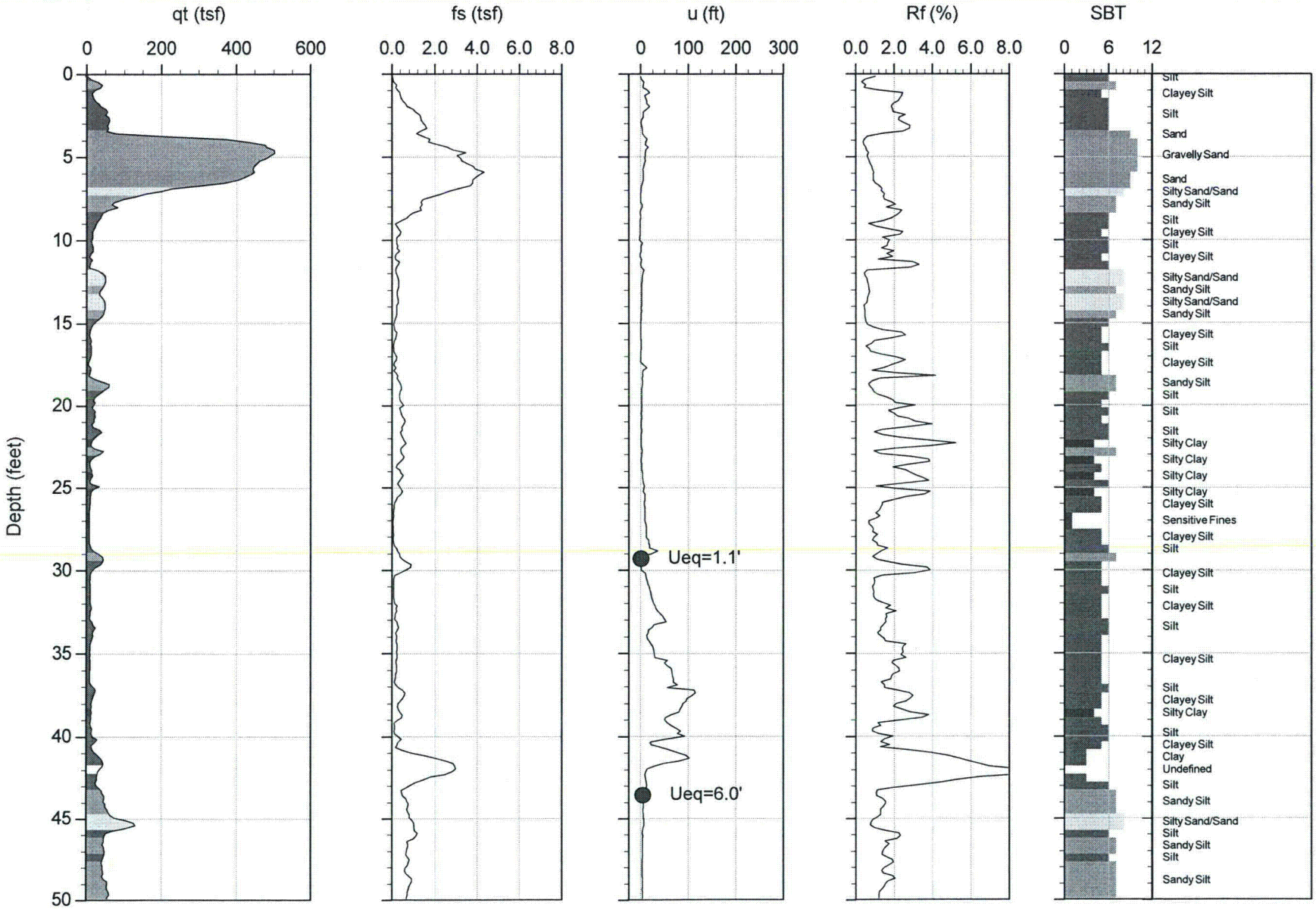

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File: 13-52118_RP07.COR
Unit Wt: SBT Chart Soil Zones

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

CONETEC

MWH Americas

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Sounding: RCPT-07
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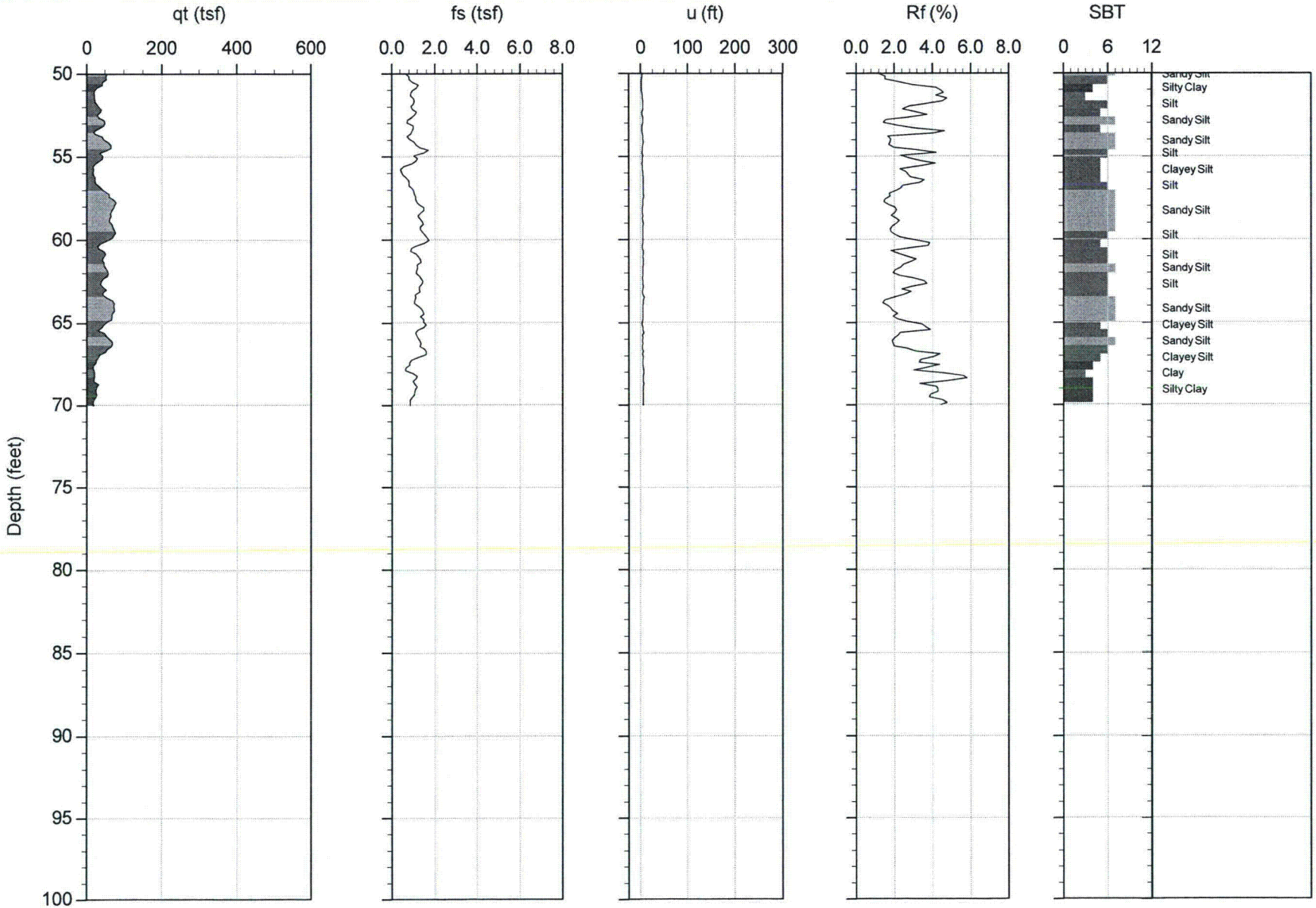

Max Depth: 21.350 m / 70.05 ft
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Avg Int: 0.150 m

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
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Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
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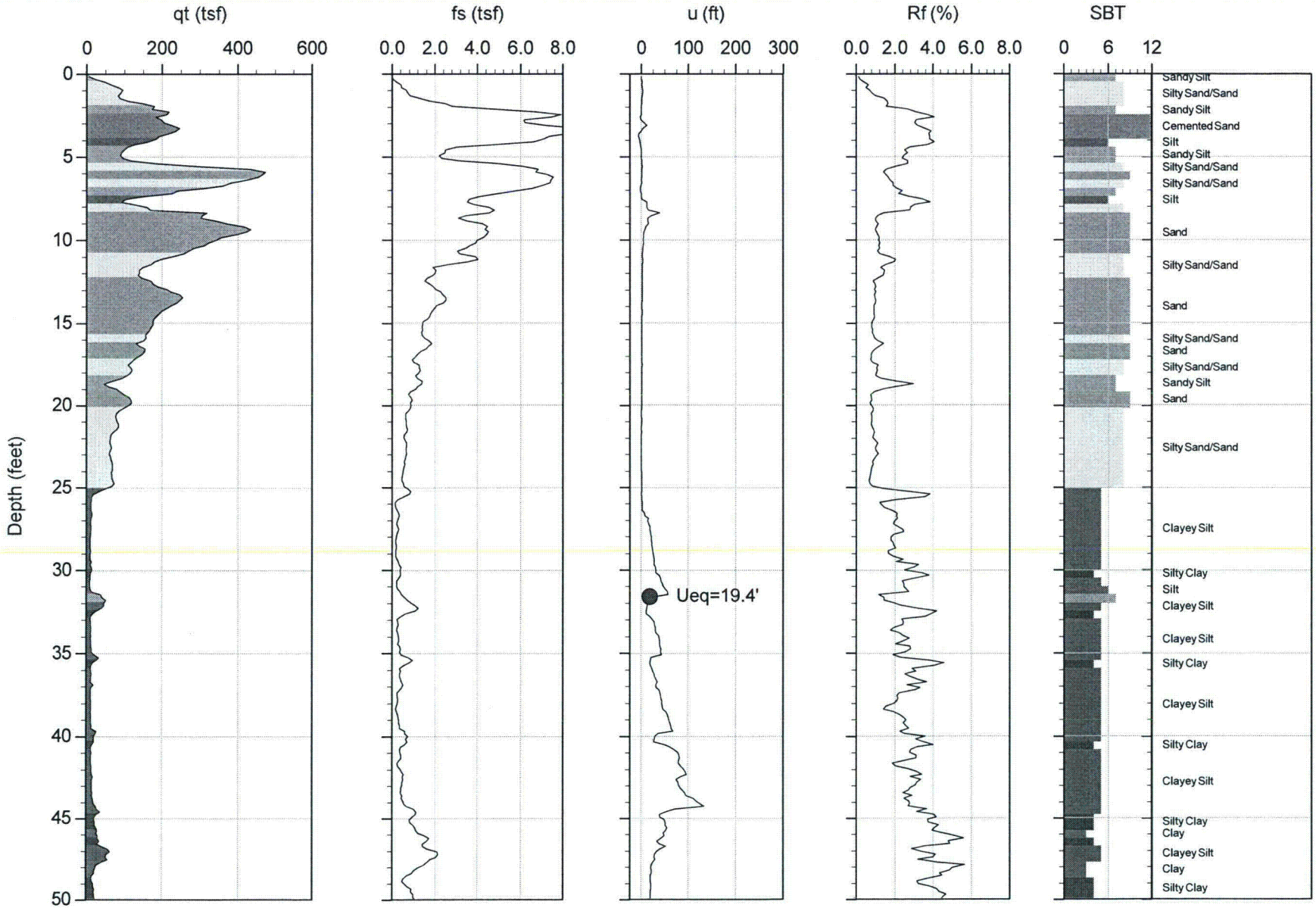

Max Depth: 18.550 m / 60.86 ft
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File: 13-52118_RP08.COR
Unit Wt: SBT Chart Soil Zones

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
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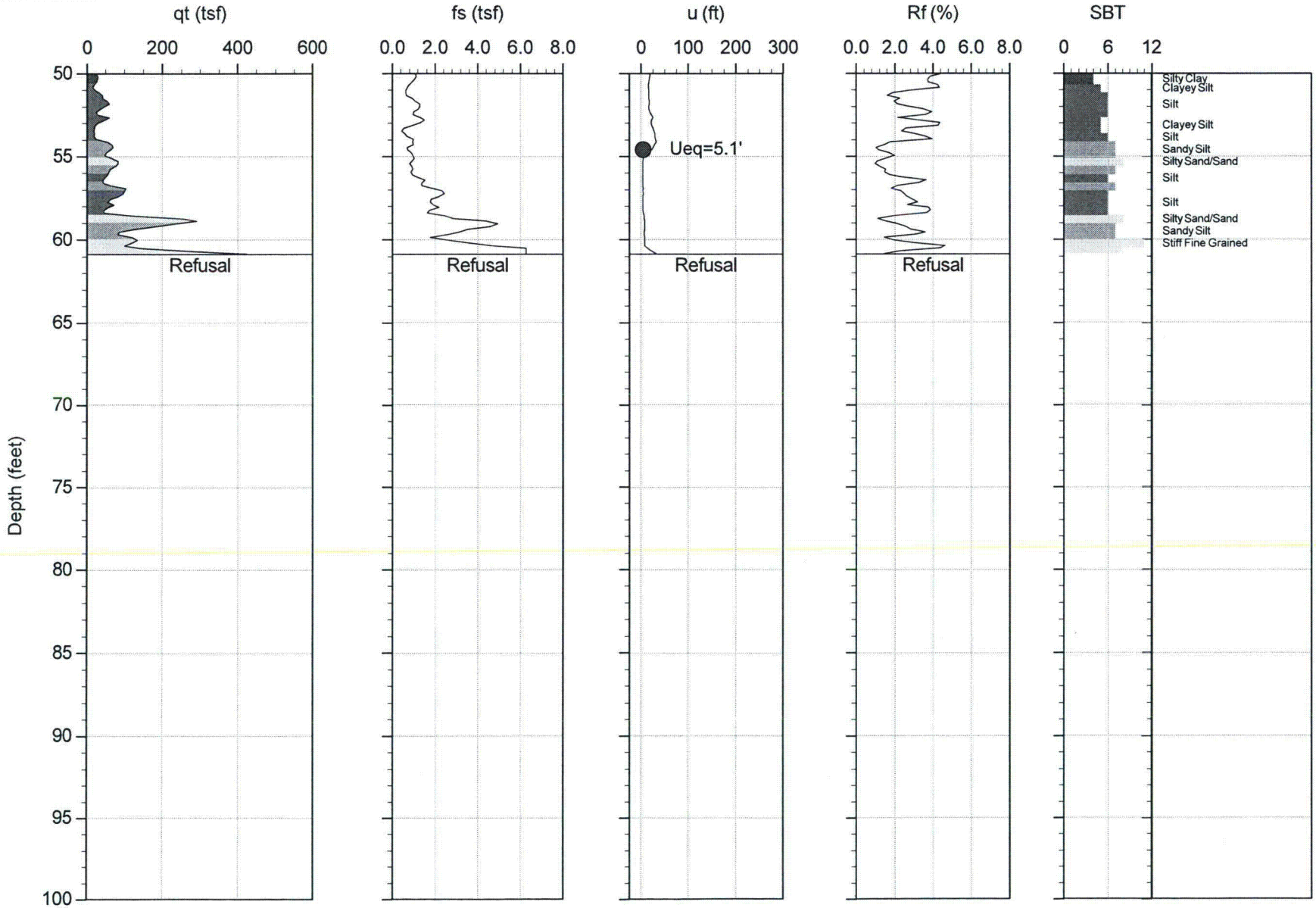

Max Depth: 18.550 m / 60.86 ft
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Avg Int: 0.150 m

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SBT: Lunne, Robertson and Powell, 1997
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● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

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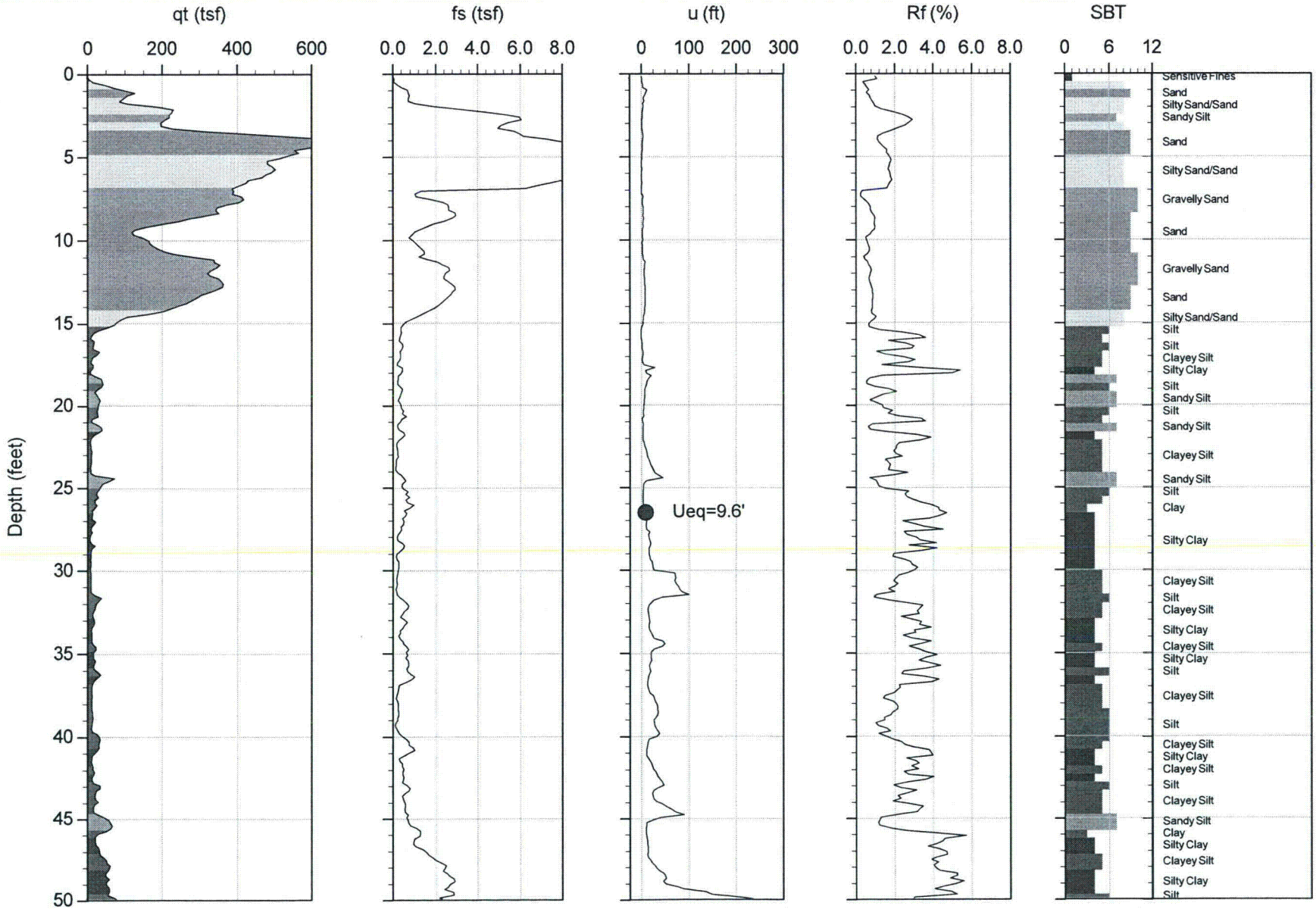

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SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

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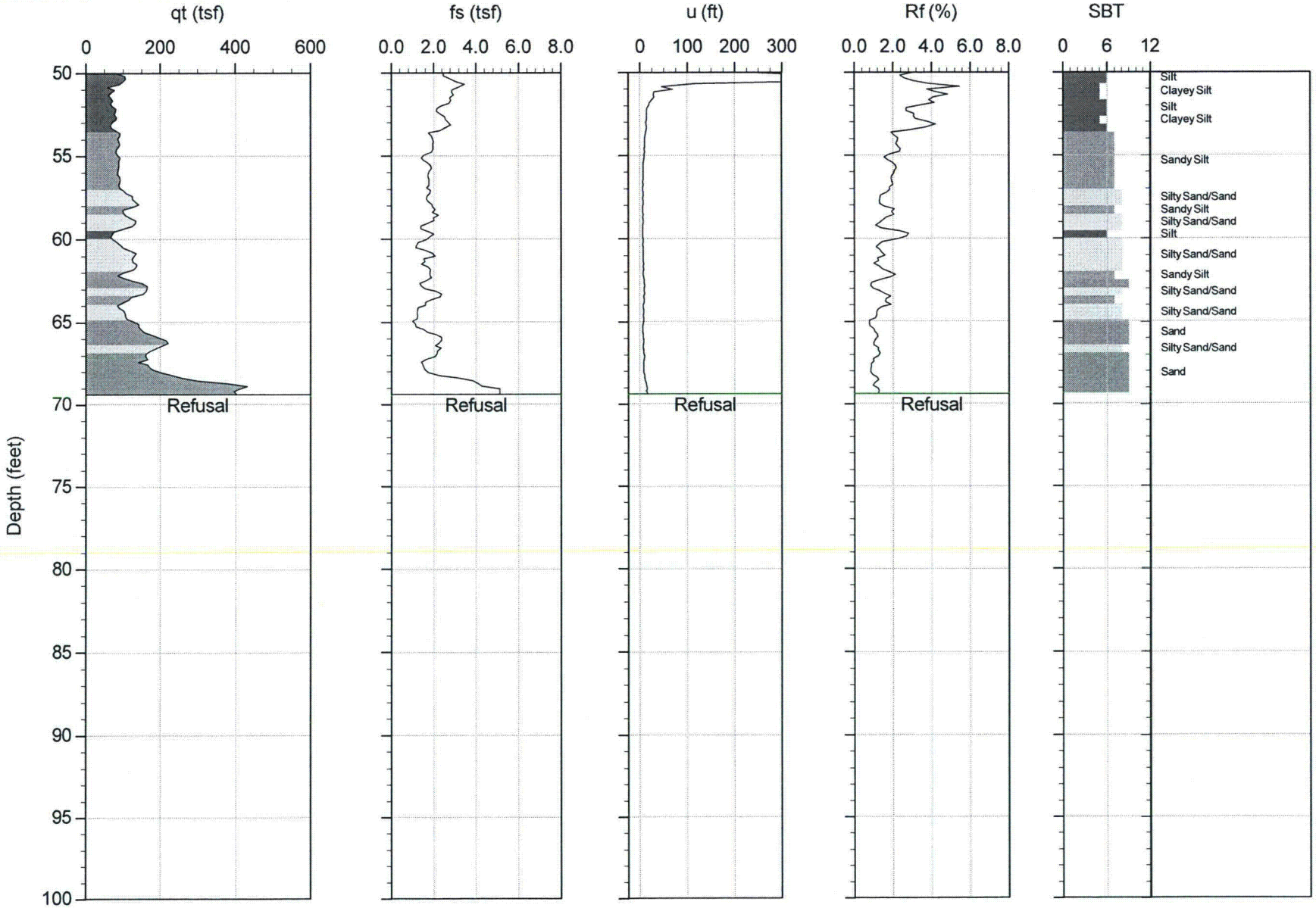

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Coords: Lat: 35.647750 Long: -108.498150
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

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Sounding: RCPT-10
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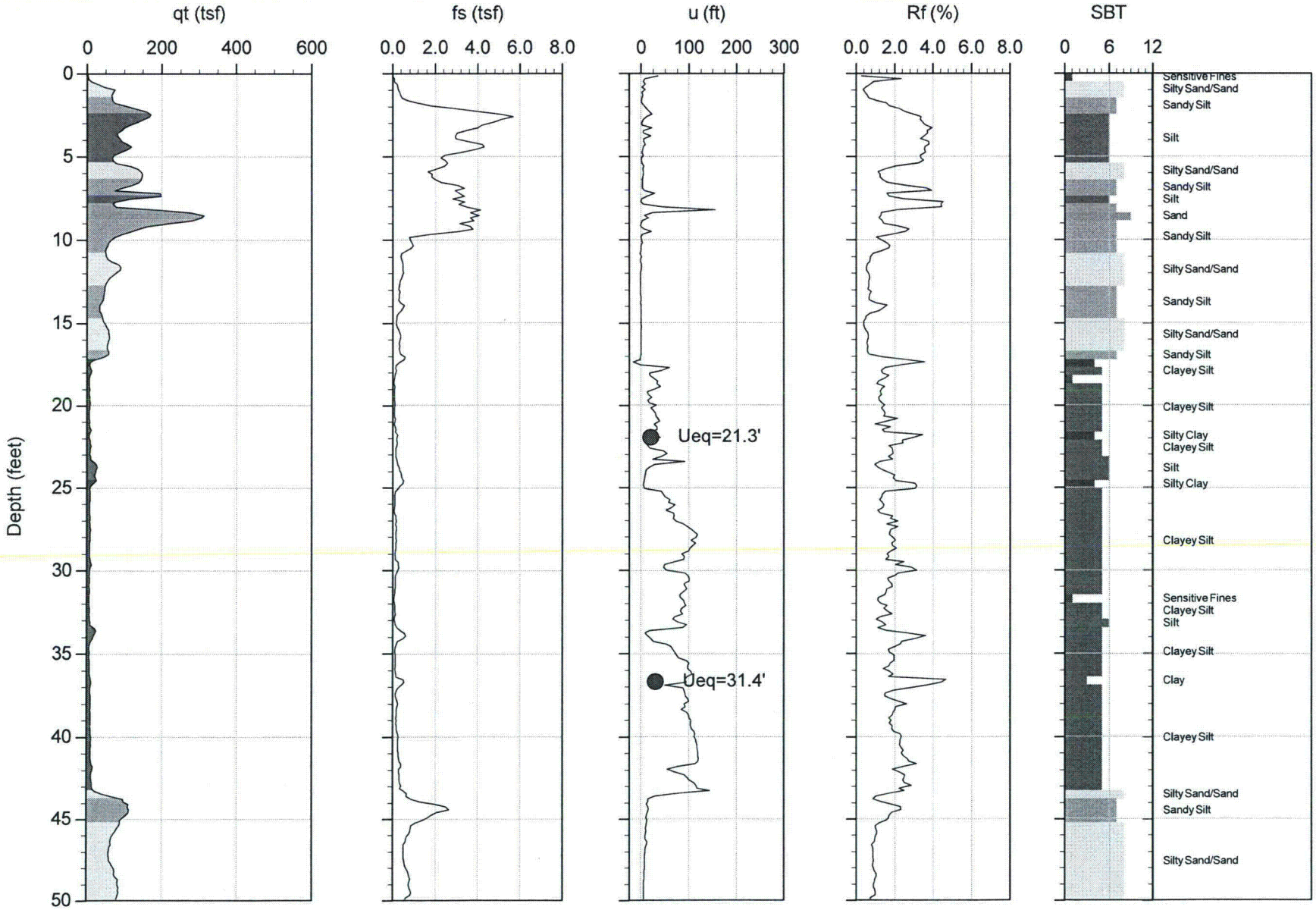

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Unit Wt: SBT Chart Soil Zones

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

CONETEC

MWH Americas

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Sounding: RCPT-10
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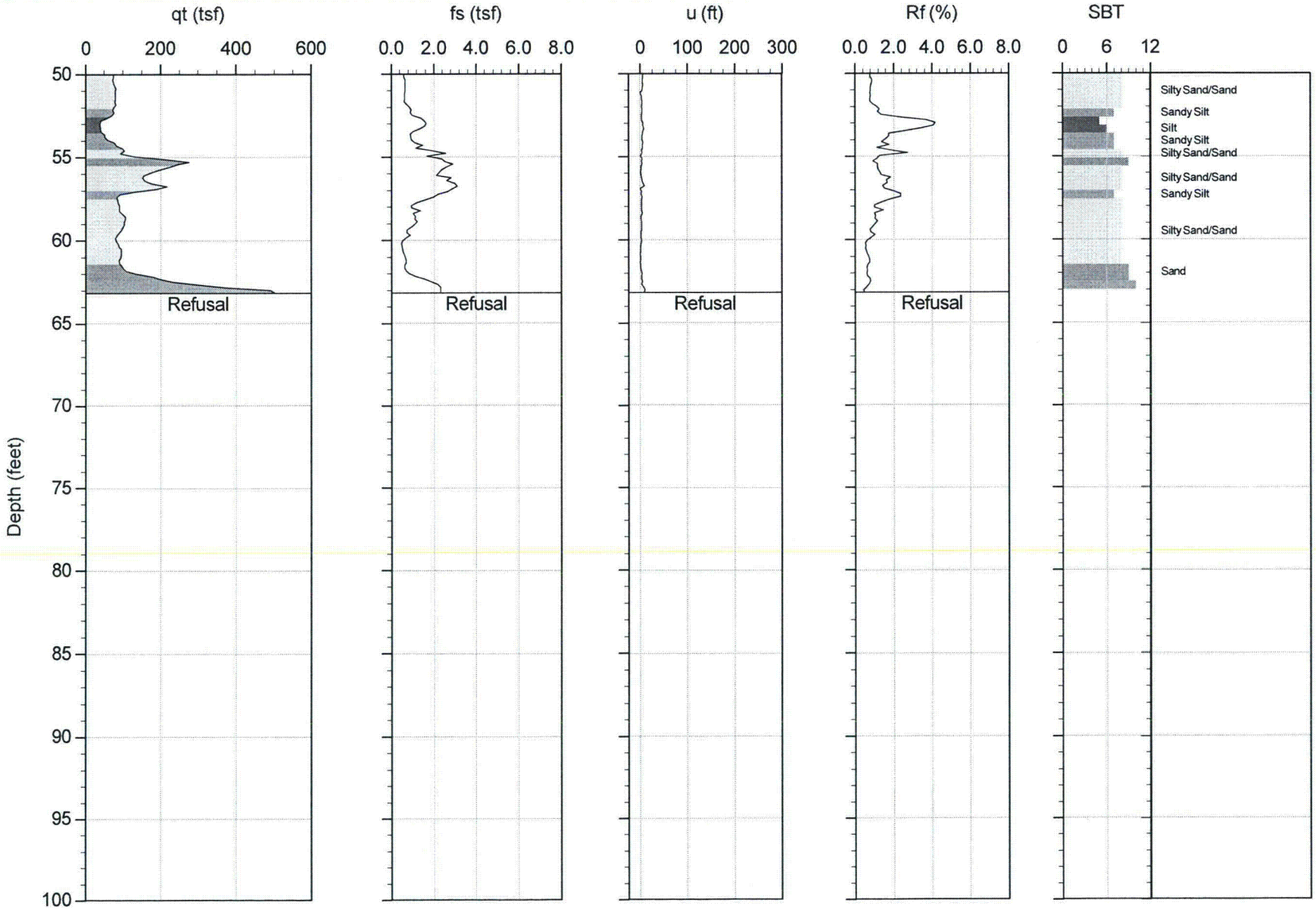

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SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647833 Long: -108.497217
● Equilibrium Pore Pressure from Dissipation

CONETEC

MWH Americas

Job No: 13-52118
Date: 11:07:13 12:13
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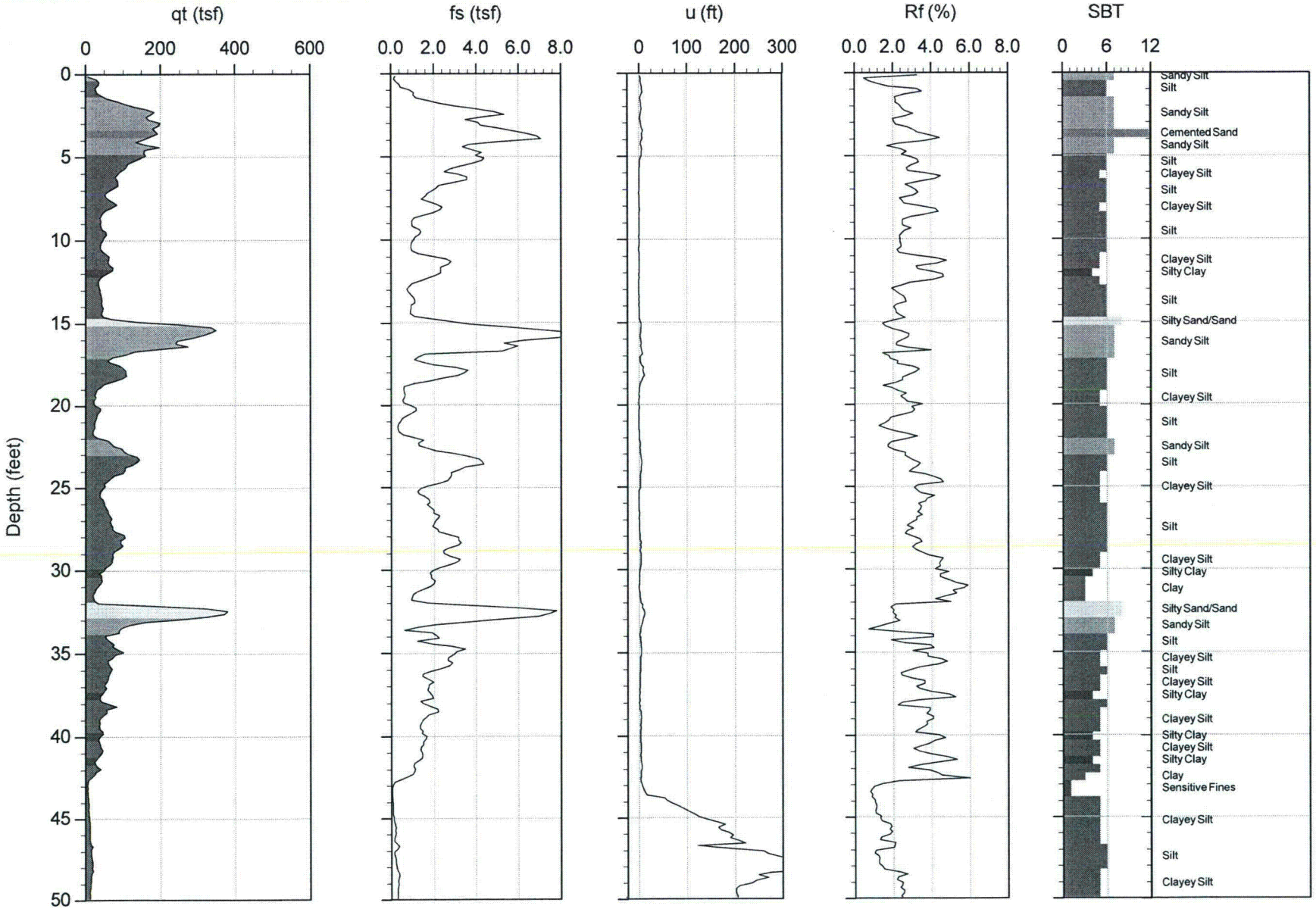
Sounding: RCPT-11
Cone: 155:T1500F15U500



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Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997
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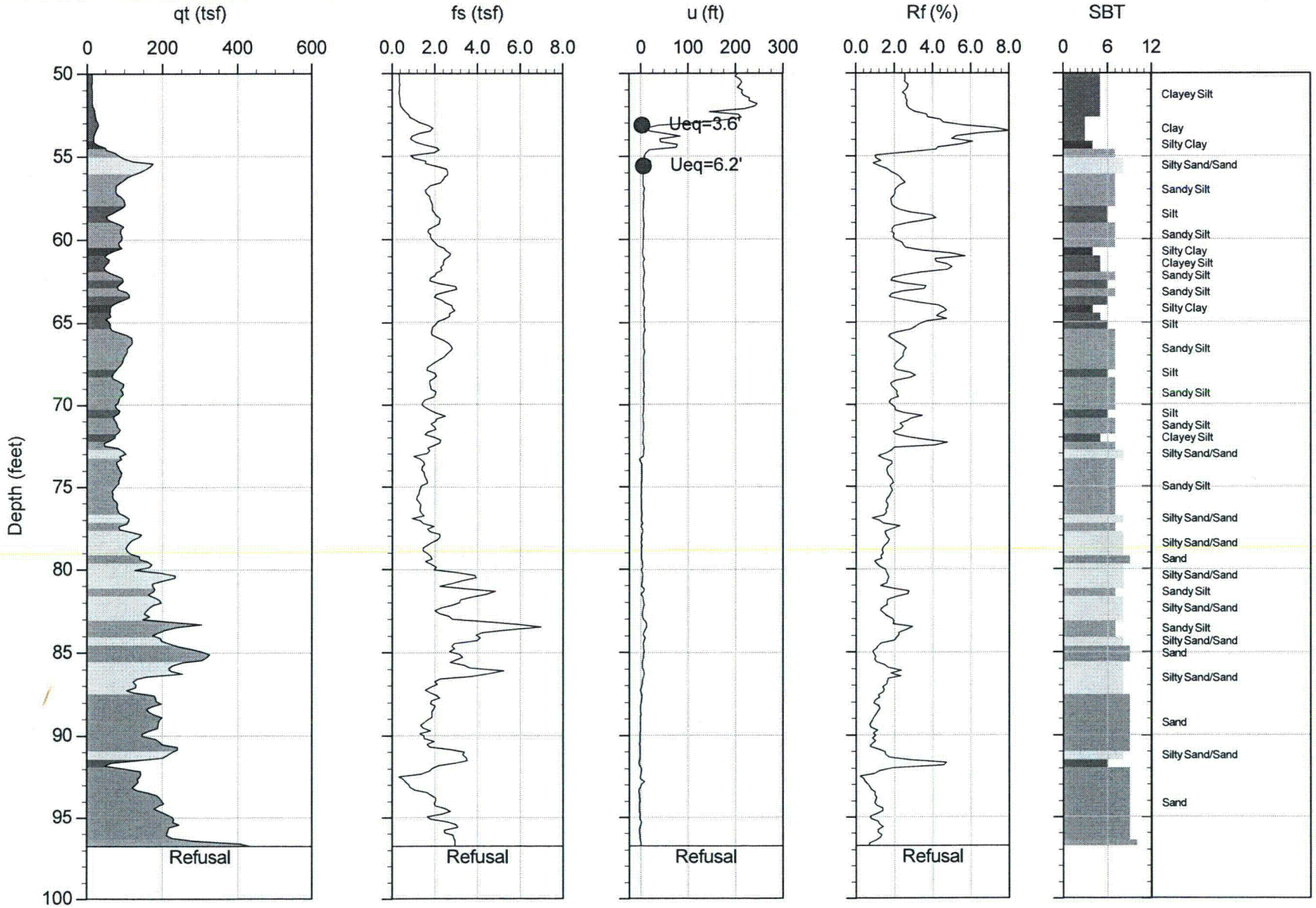
● Equilibrium Pore Pressure from Dissipation

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

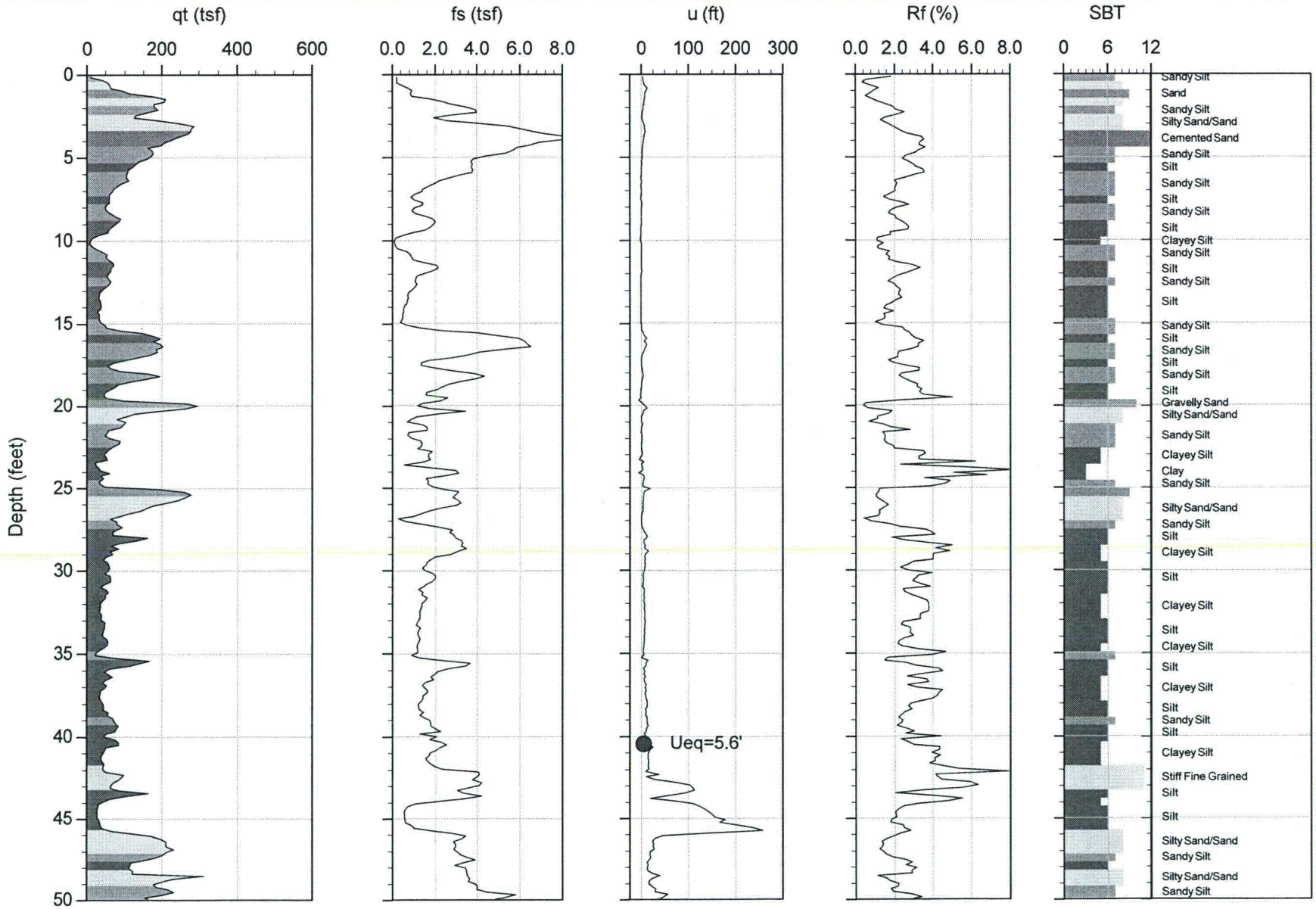
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647650 Long: -108.495850
● Equilibrium Pore Pressure from Dissipation

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

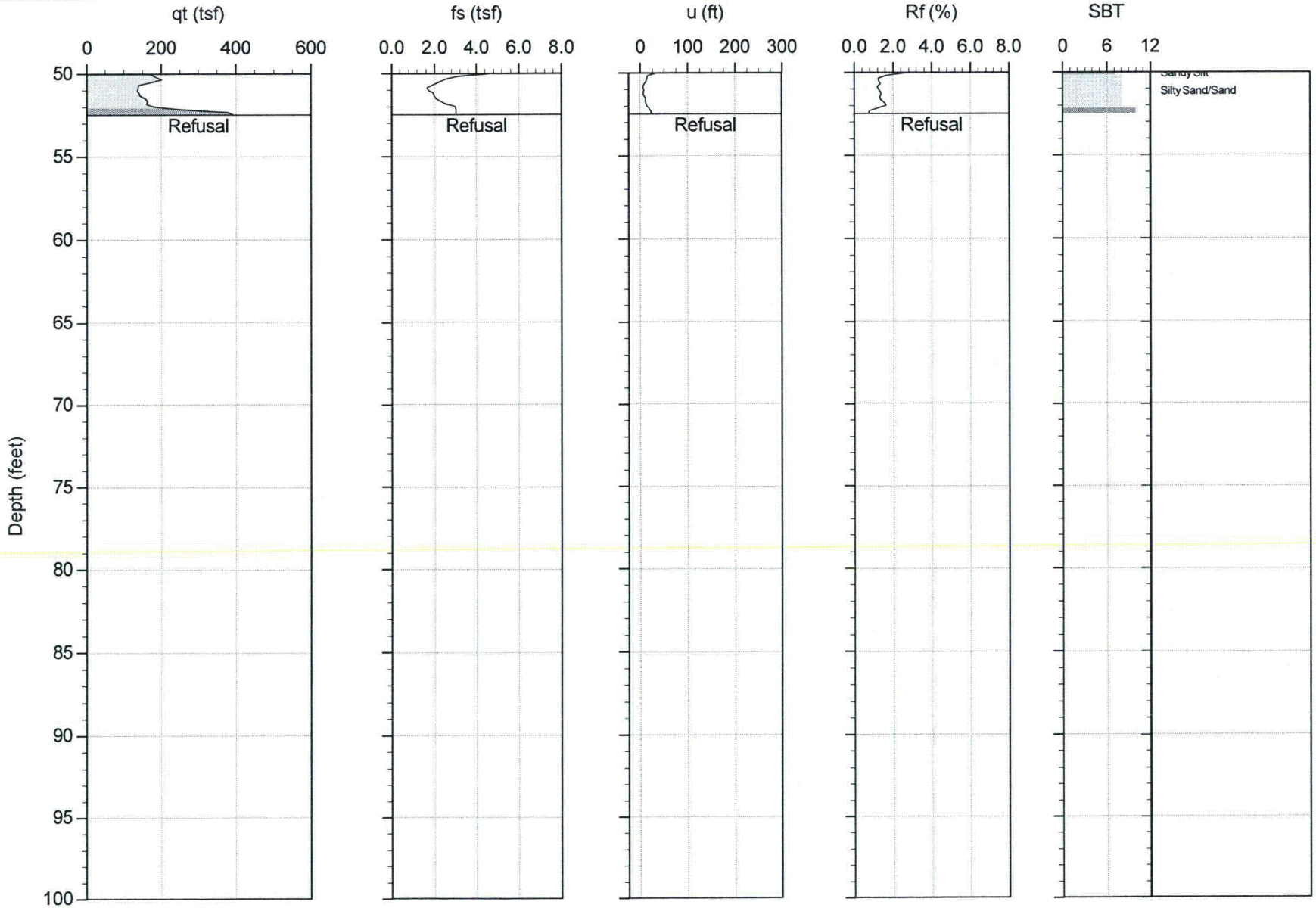
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

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

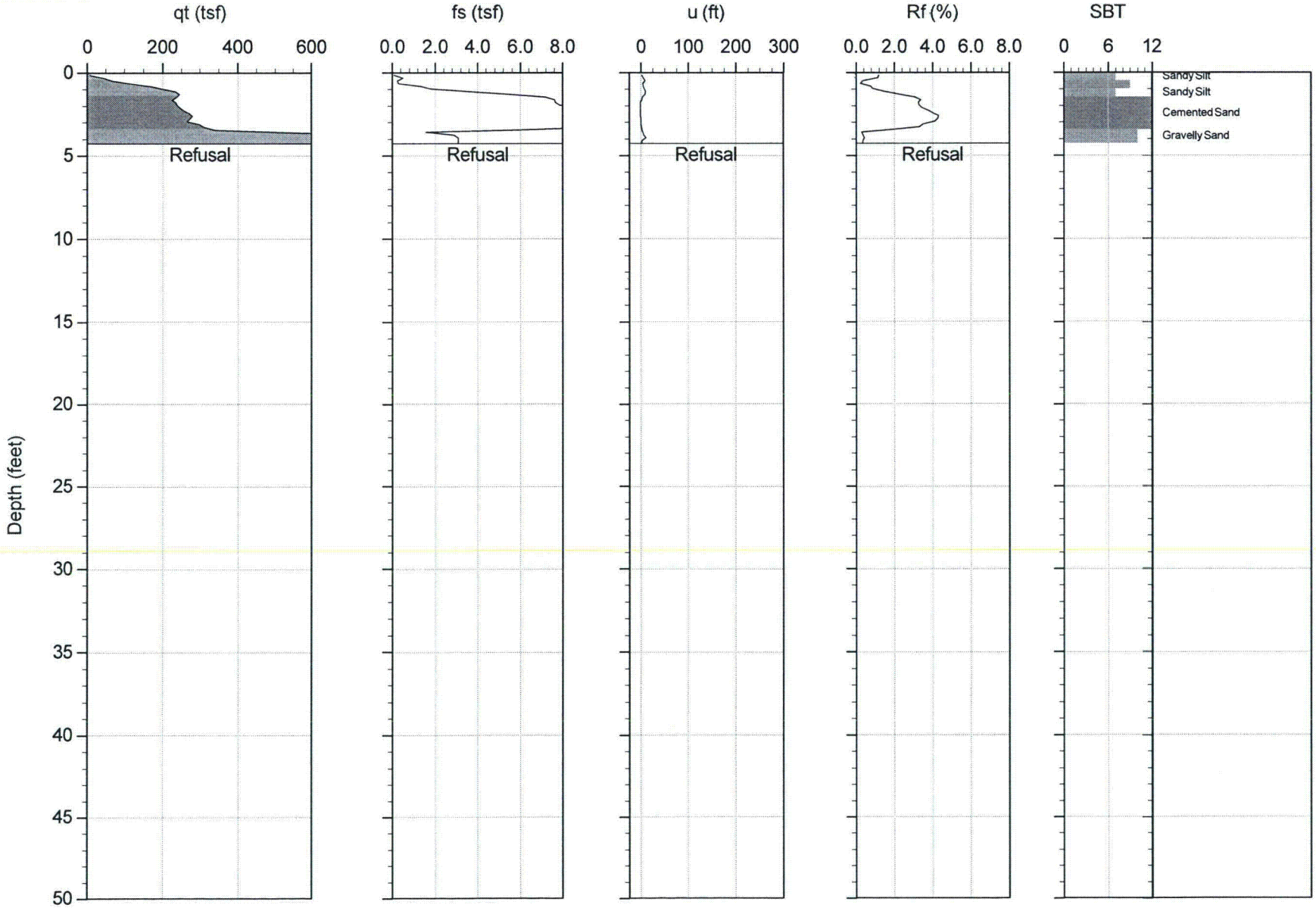
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647150 Long: -108.496000
● Equilibrium Pore Pressure from Dissipation

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

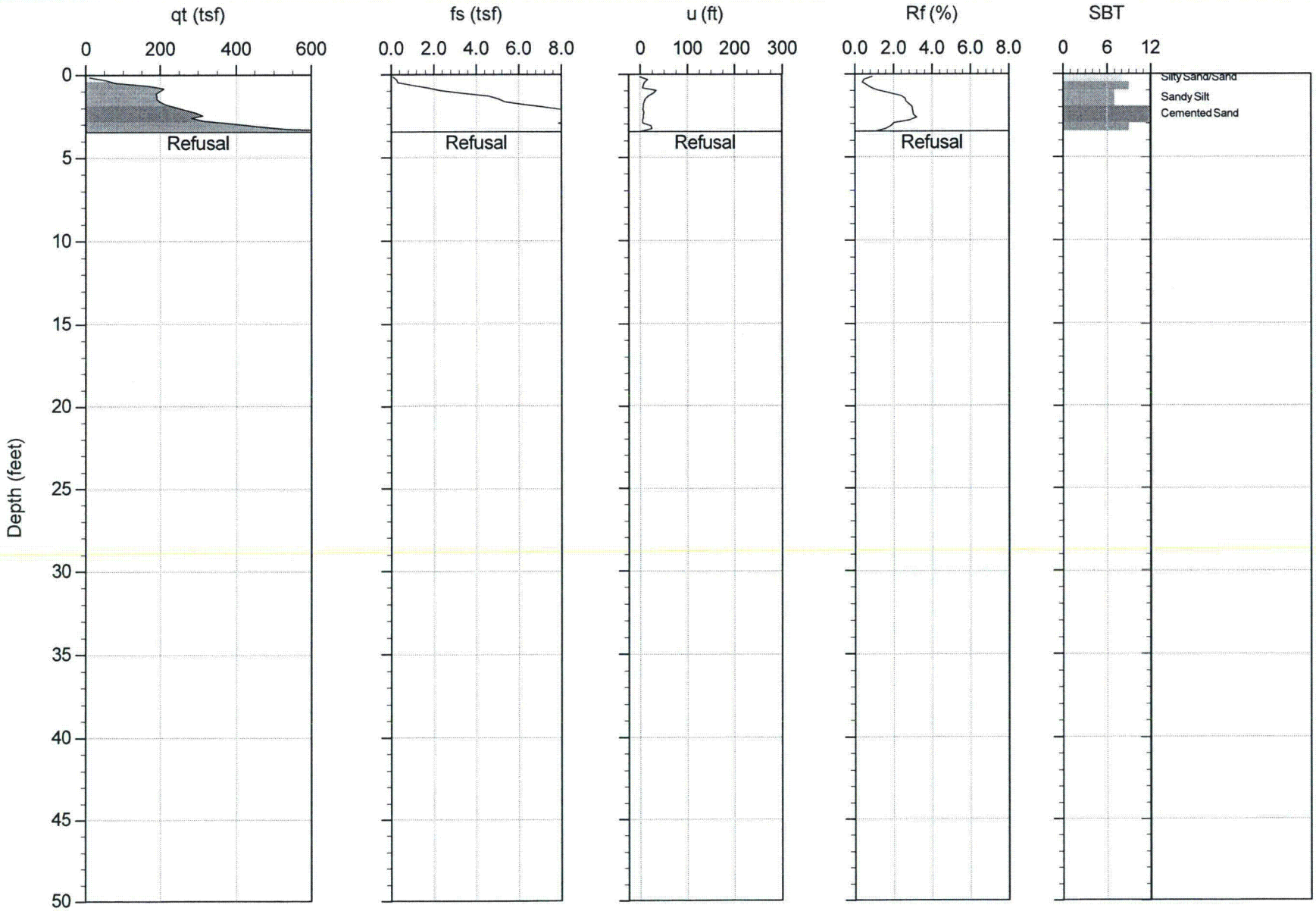
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649067 Long: -108.499383
● Equilibrium Pore Pressure from Dissipation

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

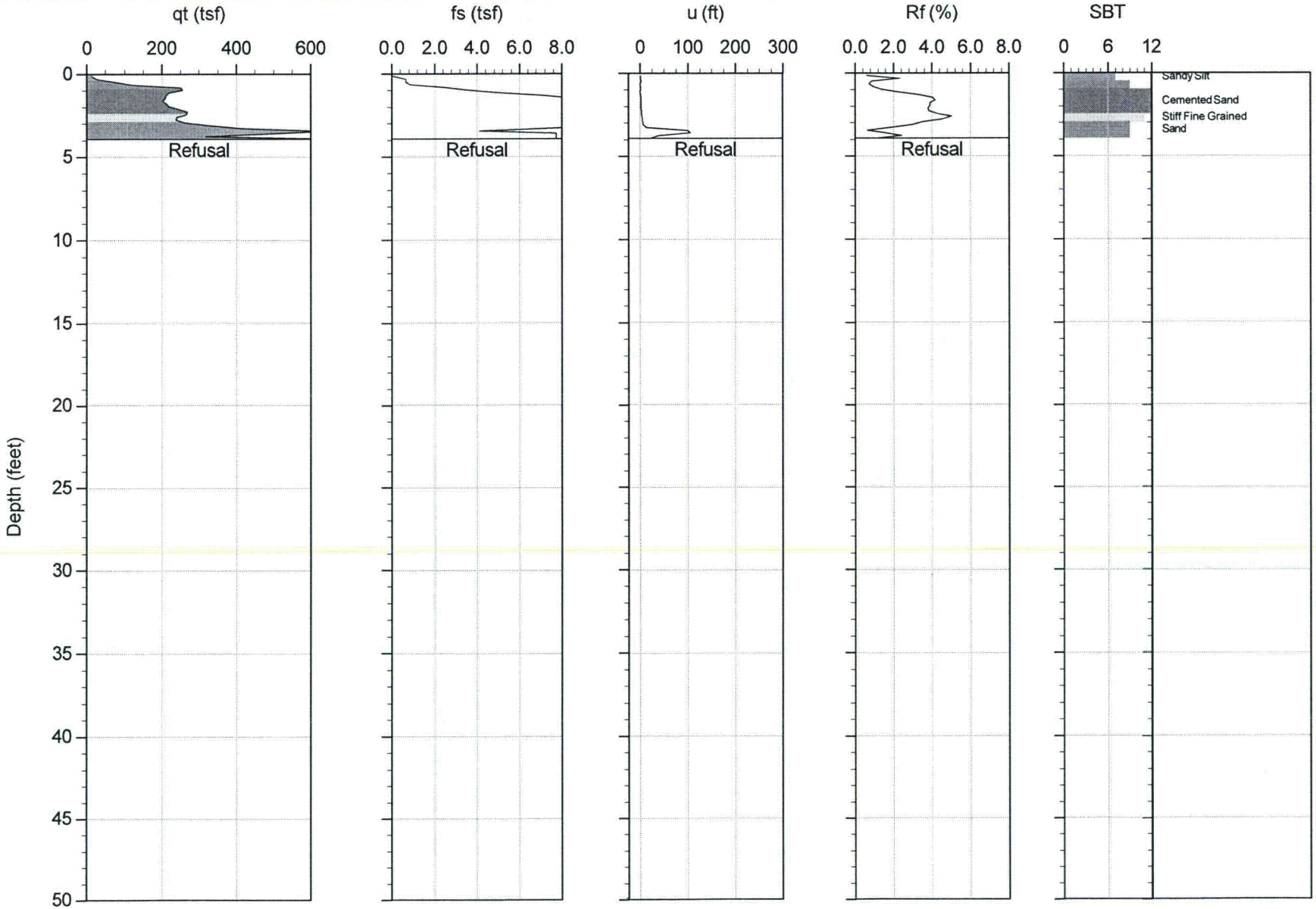
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649067 Long: -108.499367
● Equilibrium Pore Pressure from Dissipation

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

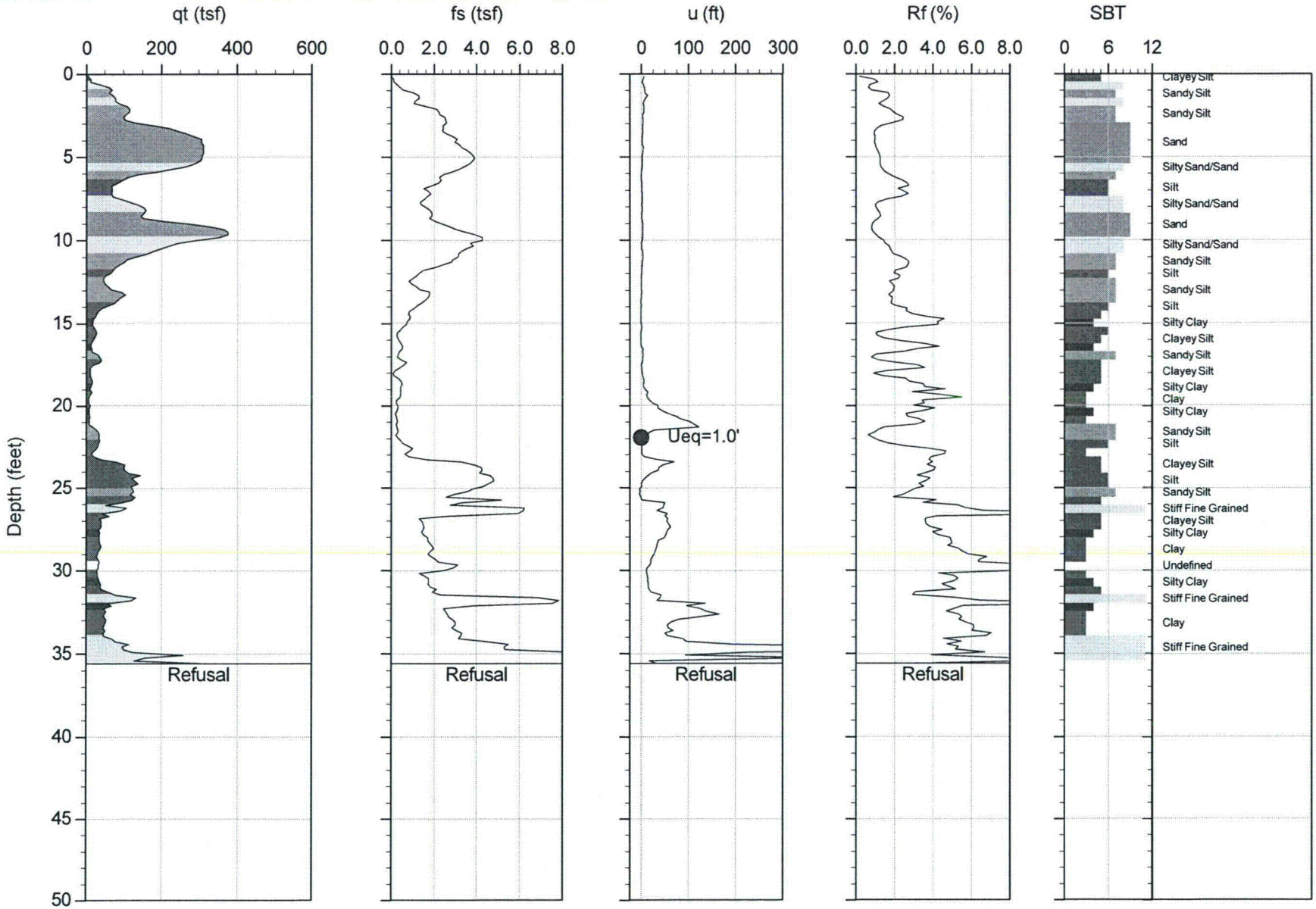
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649083 Long: -108.499400
● Equilibrium Pore Pressure from Dissipation

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

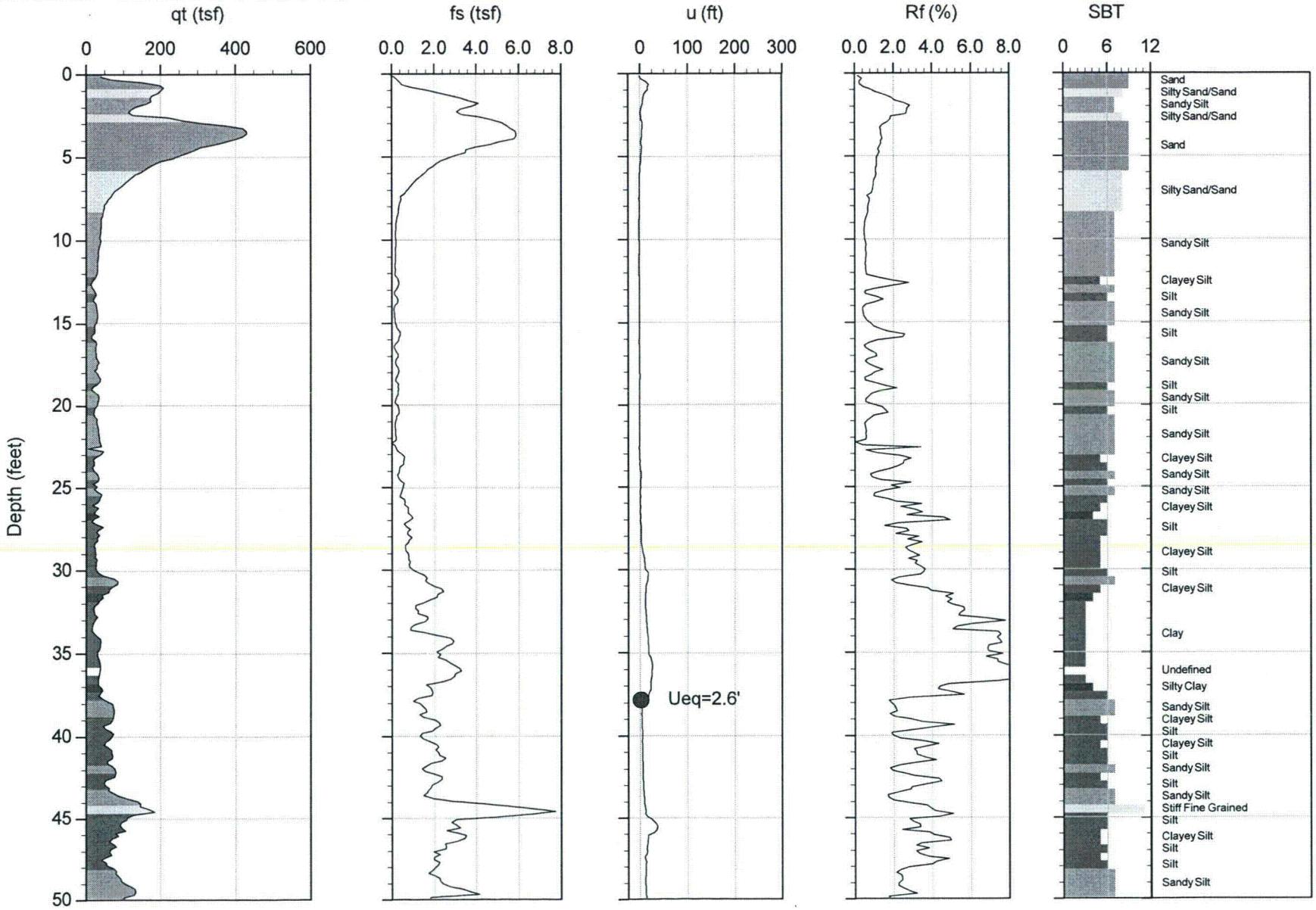
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647233 Long: -108.497867
● Equilibrium Pore Pressure from Dissipation

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

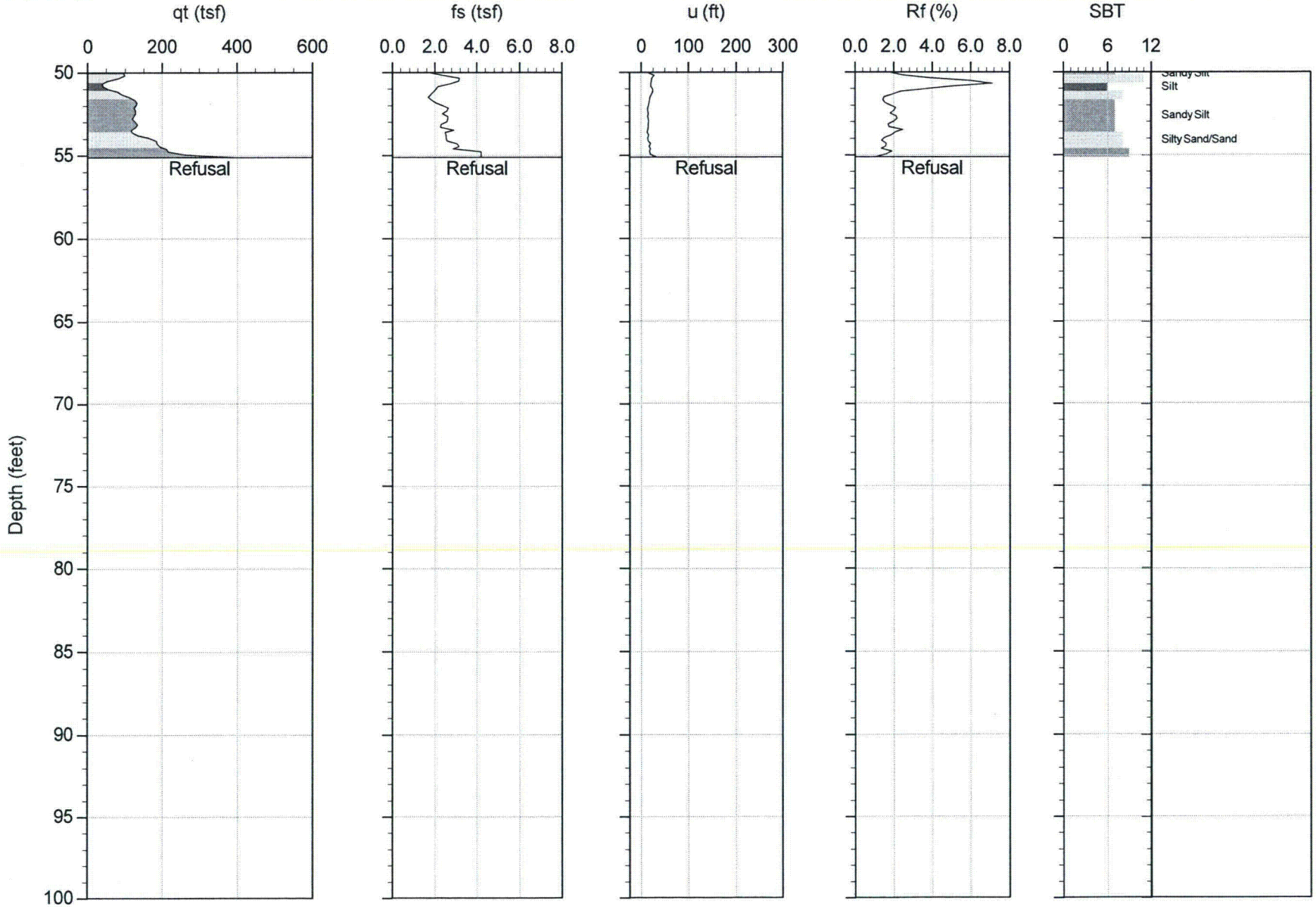
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation

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

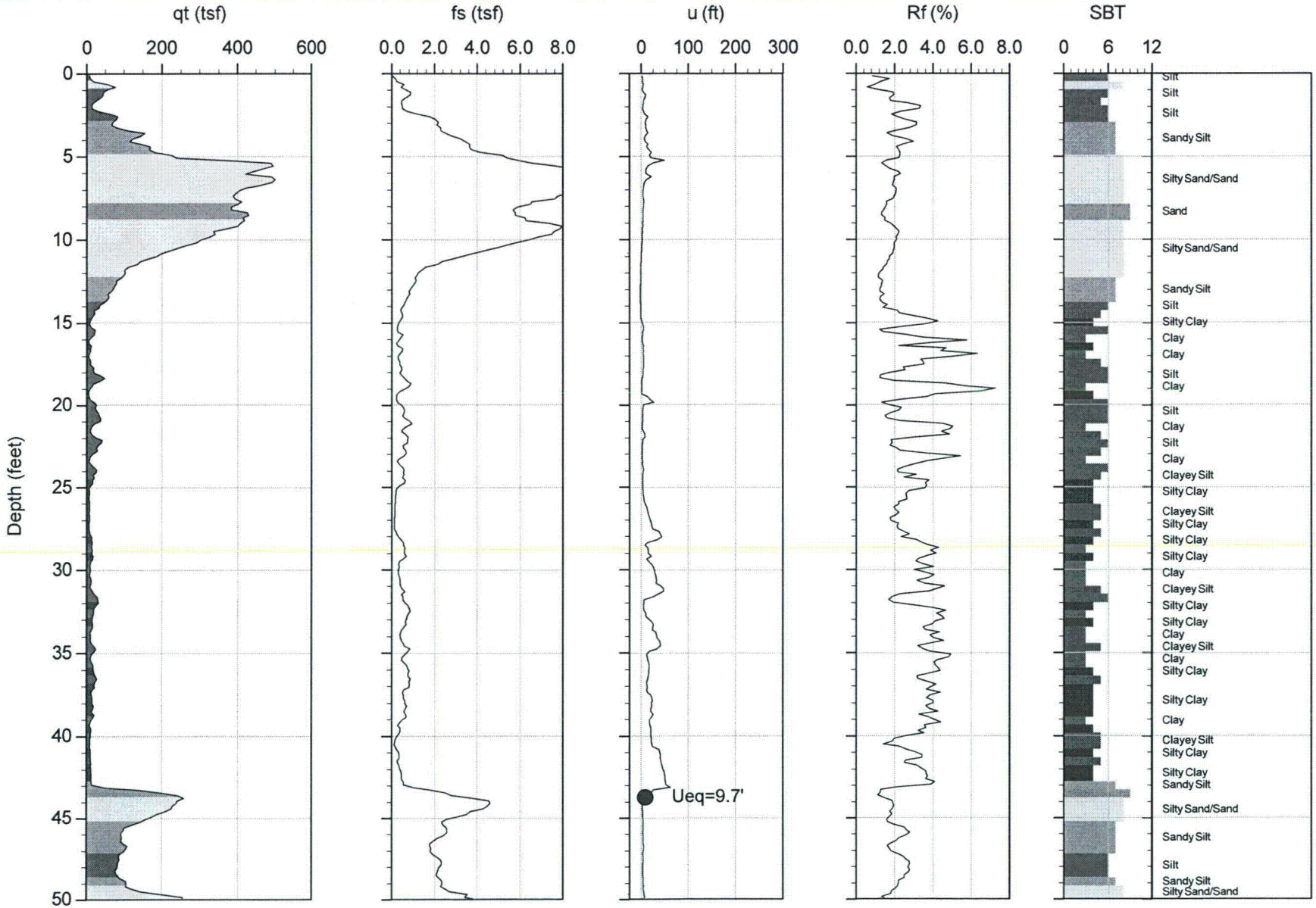
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.499800
● Equilibrium Pore Pressure from Dissipation

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

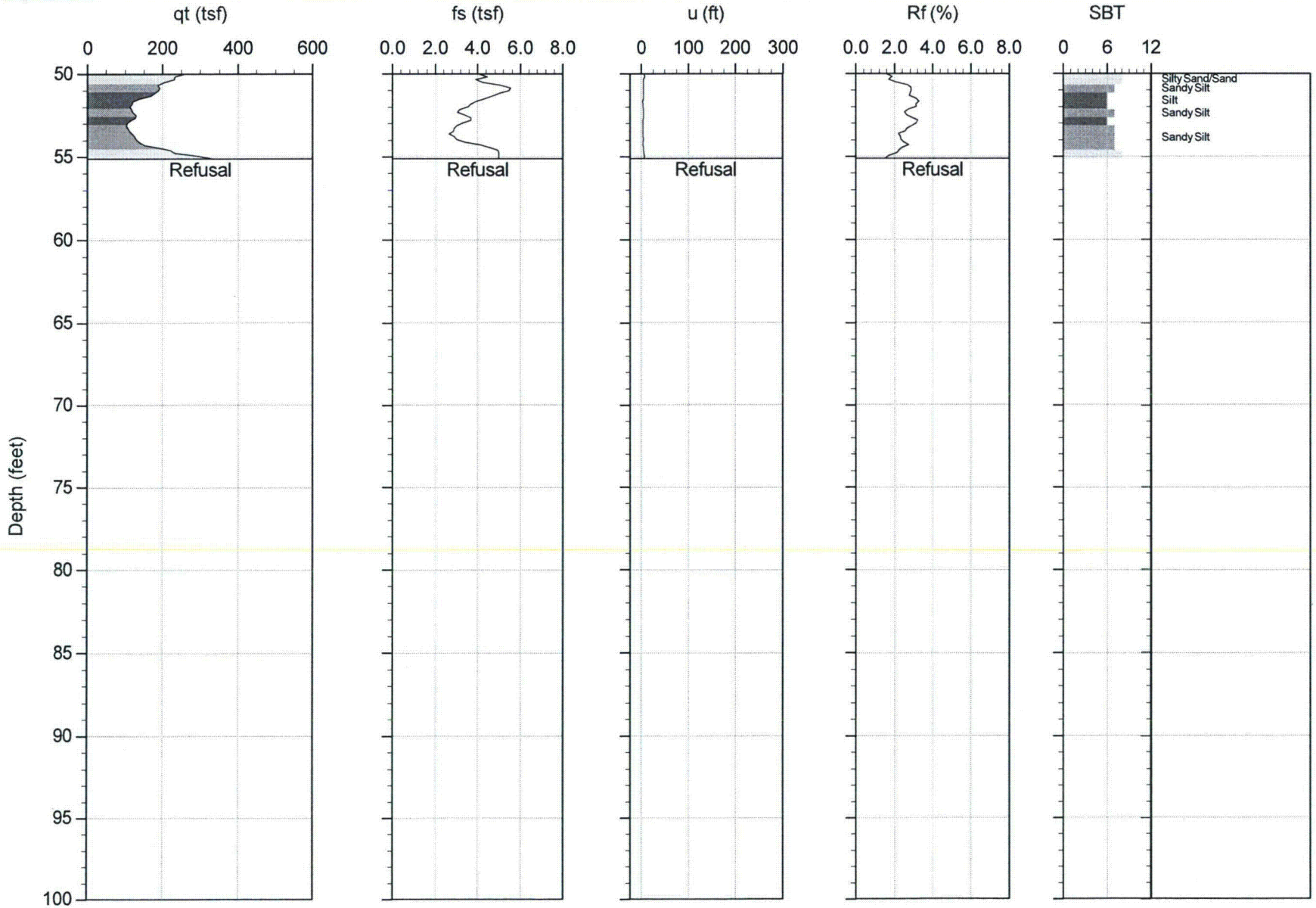
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648200 Long: -108.497850
● Equilibrium Pore Pressure from Dissipation

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

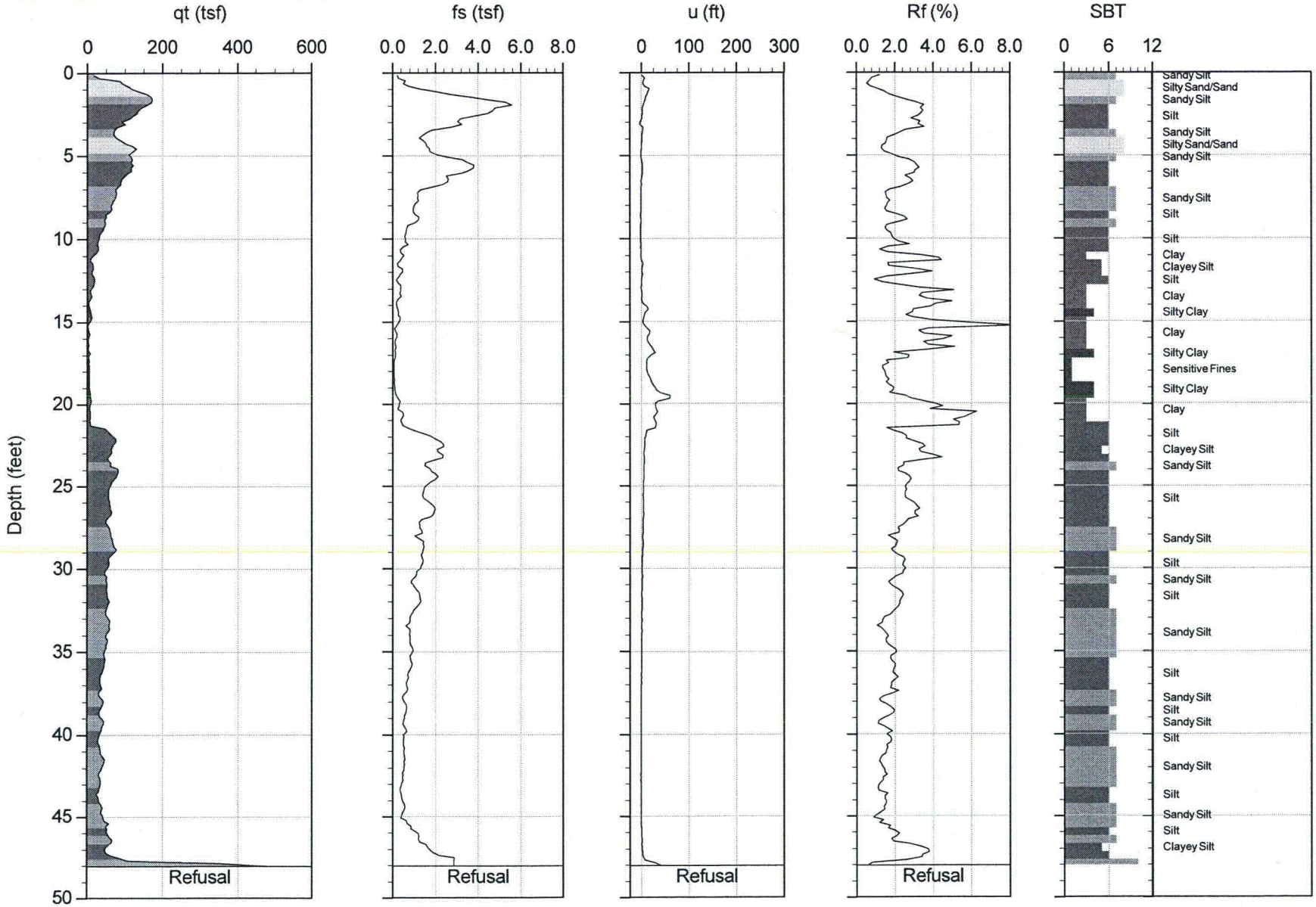
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648200 Long: -108.497850
● Equilibrium Pore Pressure from Dissipation

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

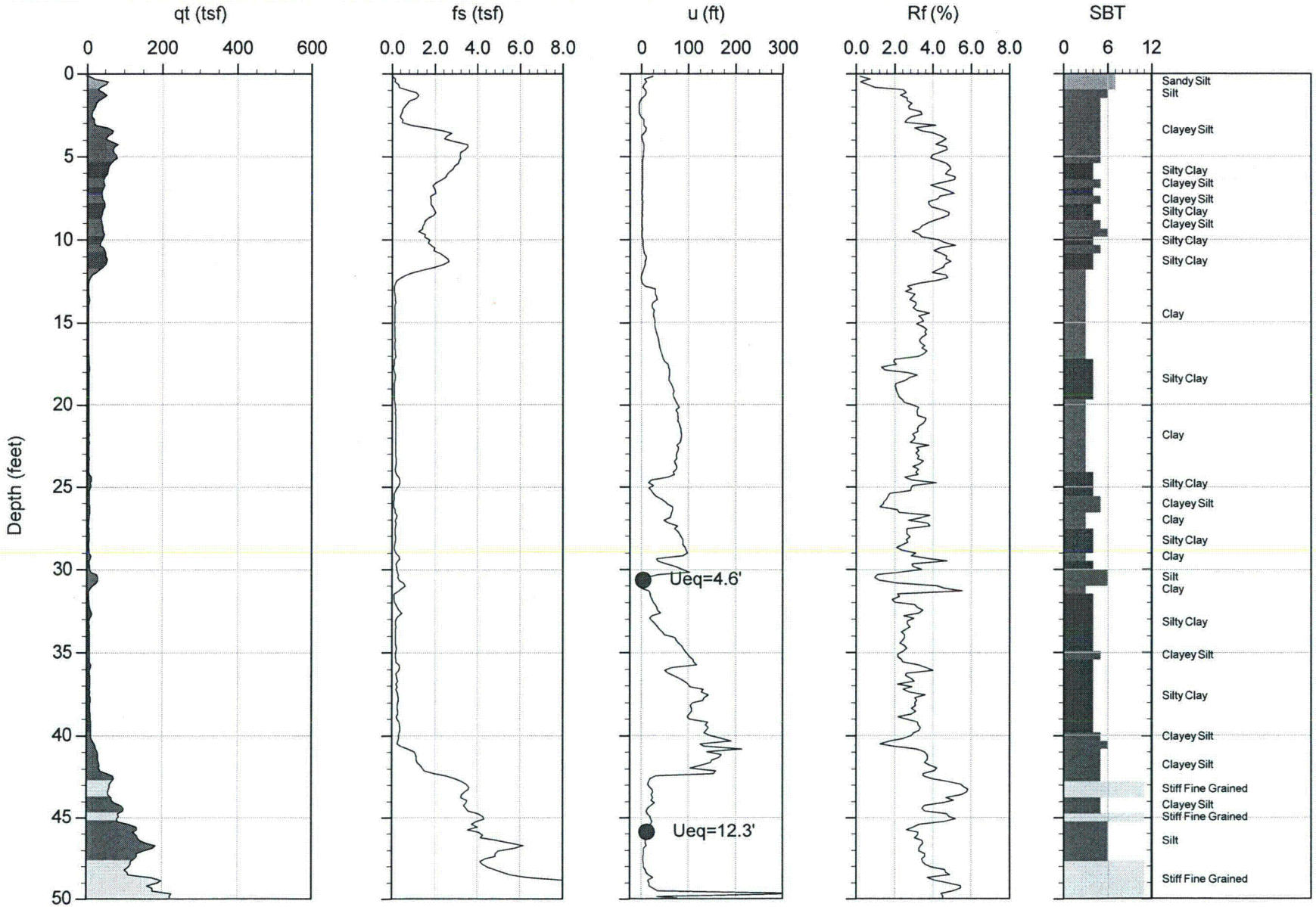
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648617 Long: -108.496383
● Equilibrium Pore Pressure from Dissipation

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

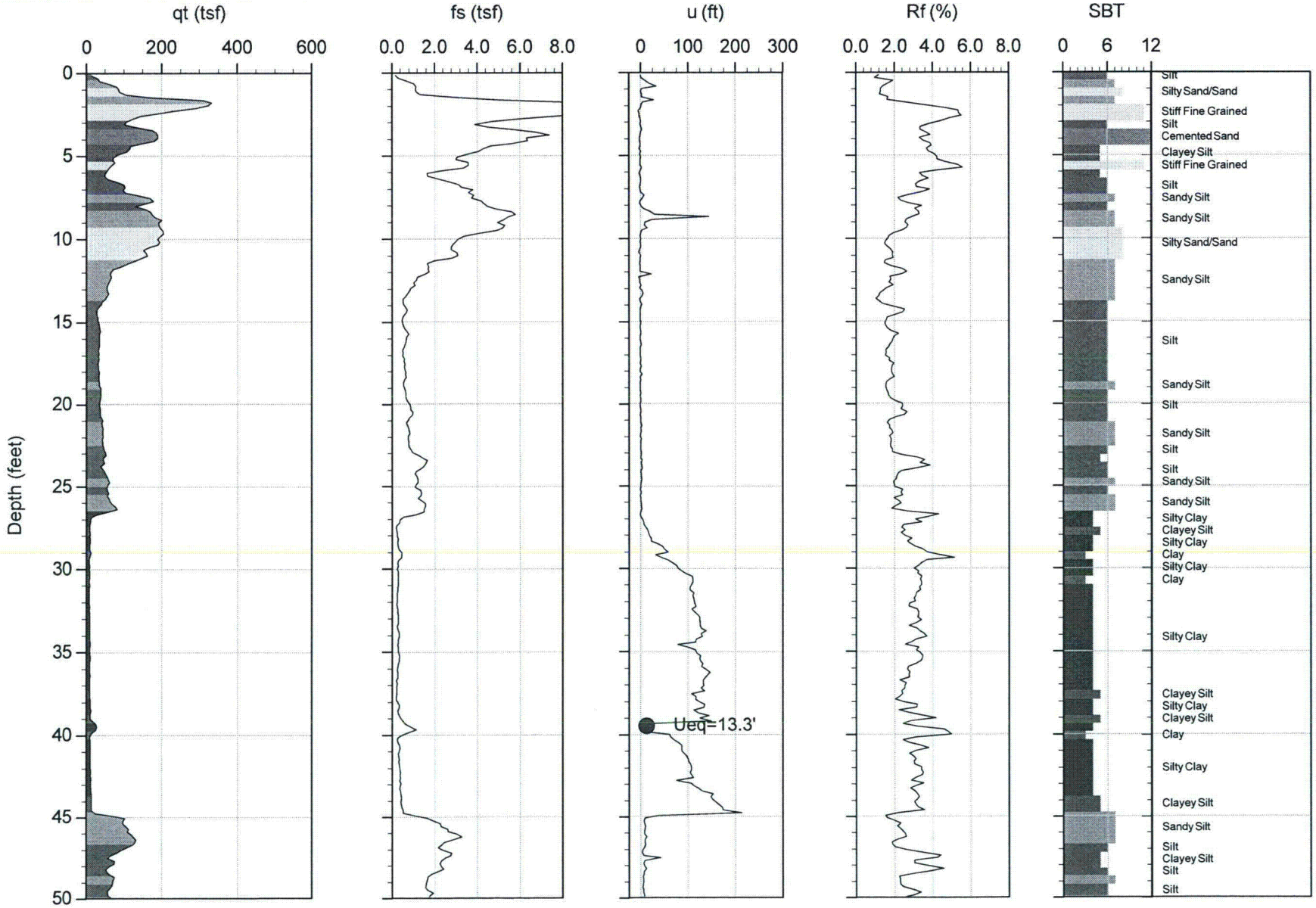
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648000 Long: -108.496683
● Equilibrium Pore Pressure from Dissipation

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

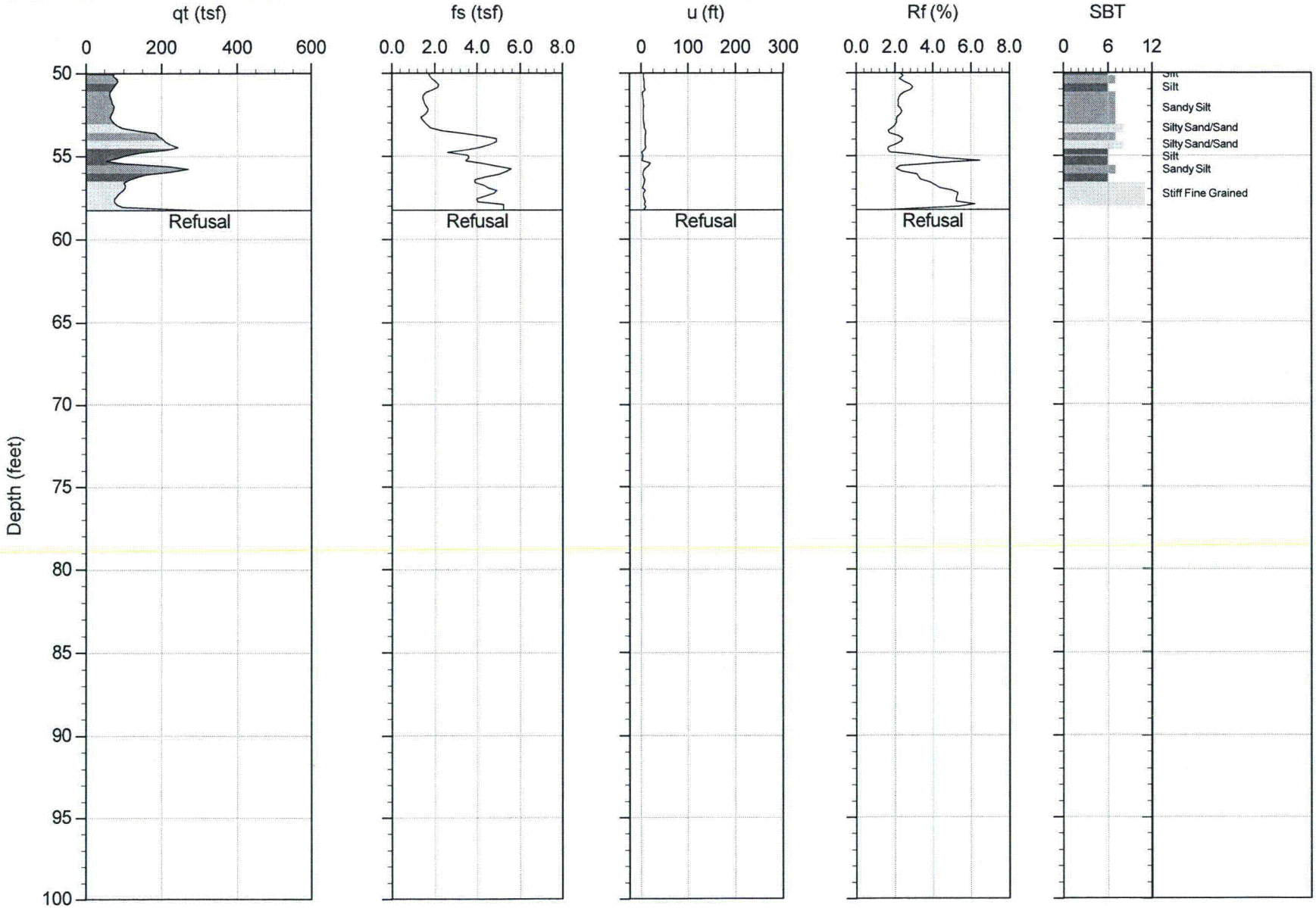
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647450 Long: -108.497000
● Equilibrium Pore Pressure from Dissipation

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

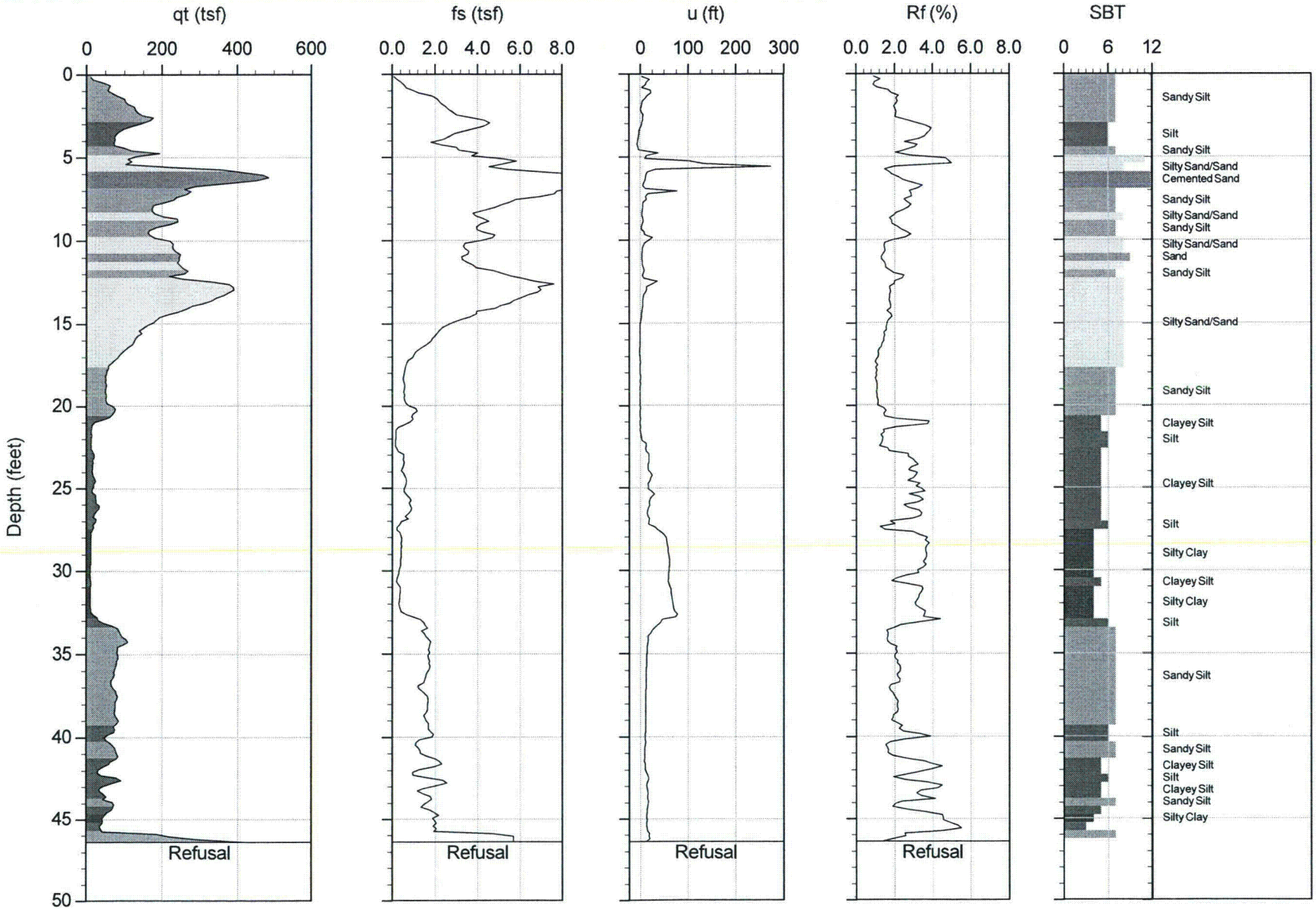
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647450 Long: -108.497000
● Equilibrium Pore Pressure from Dissipation

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

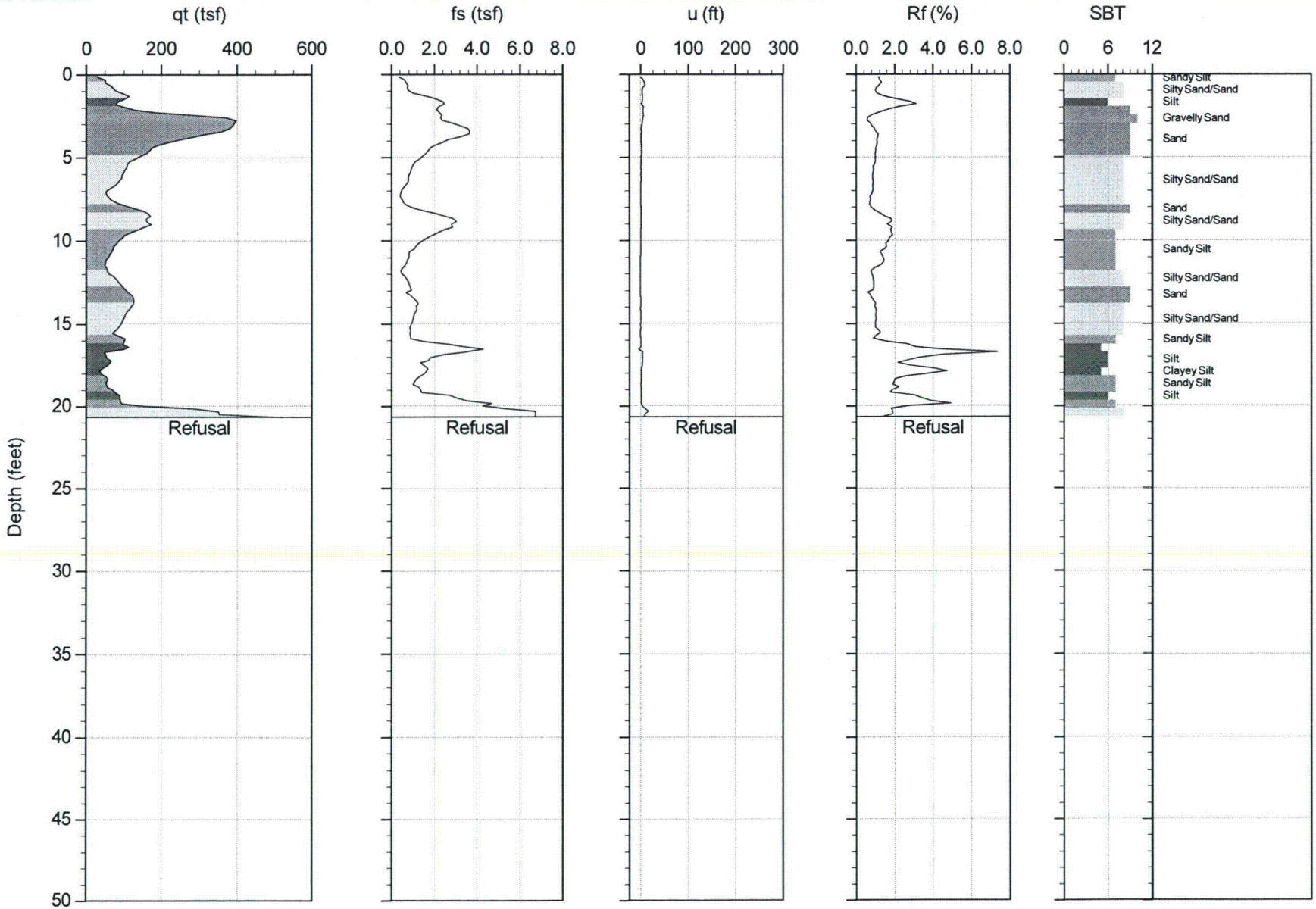
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646883 Long: -108.497167
● Equilibrium Pore Pressure from Dissipation

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

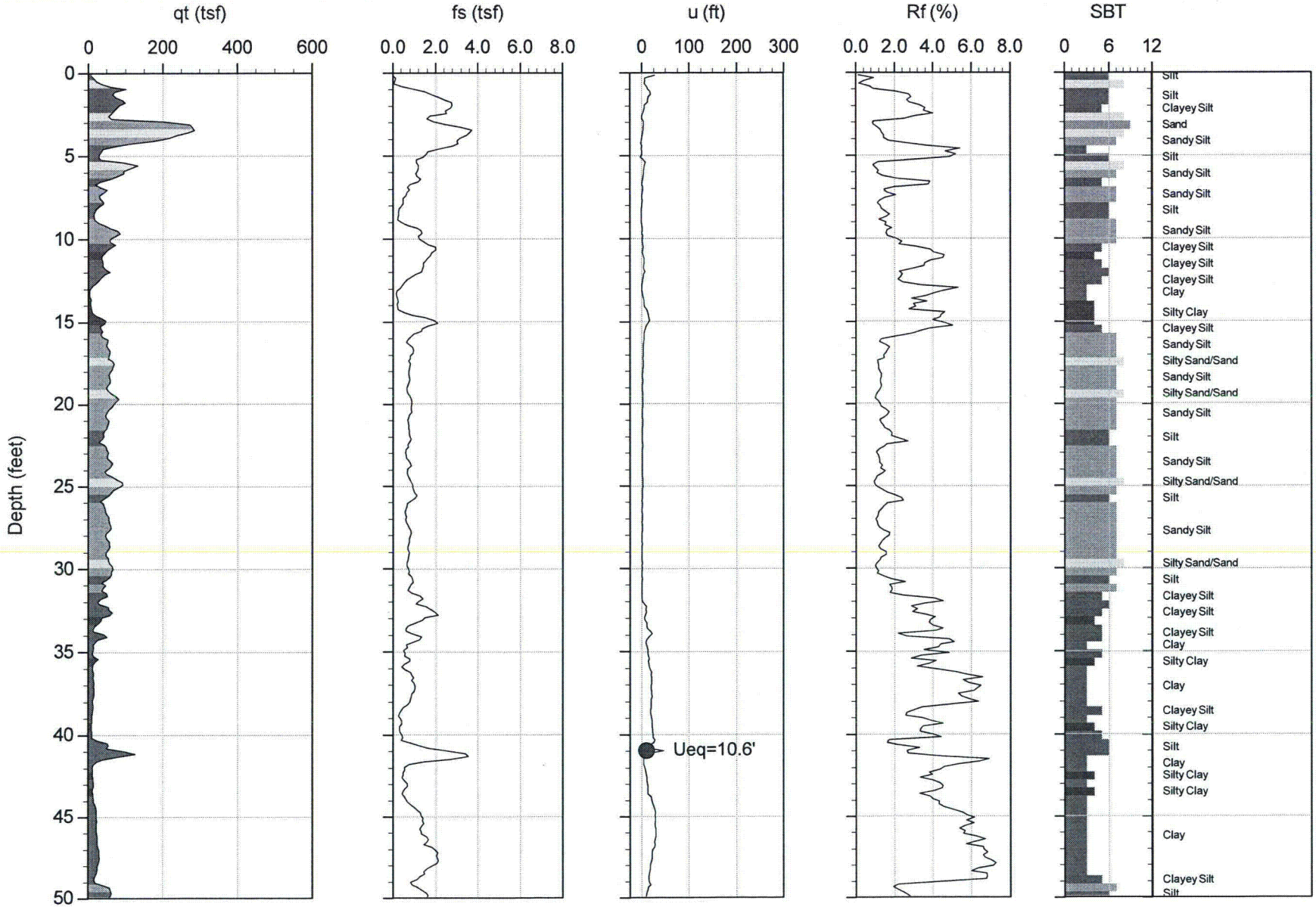
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646283 Long: -108.501583
● Equilibrium Pore Pressure from Dissipation

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

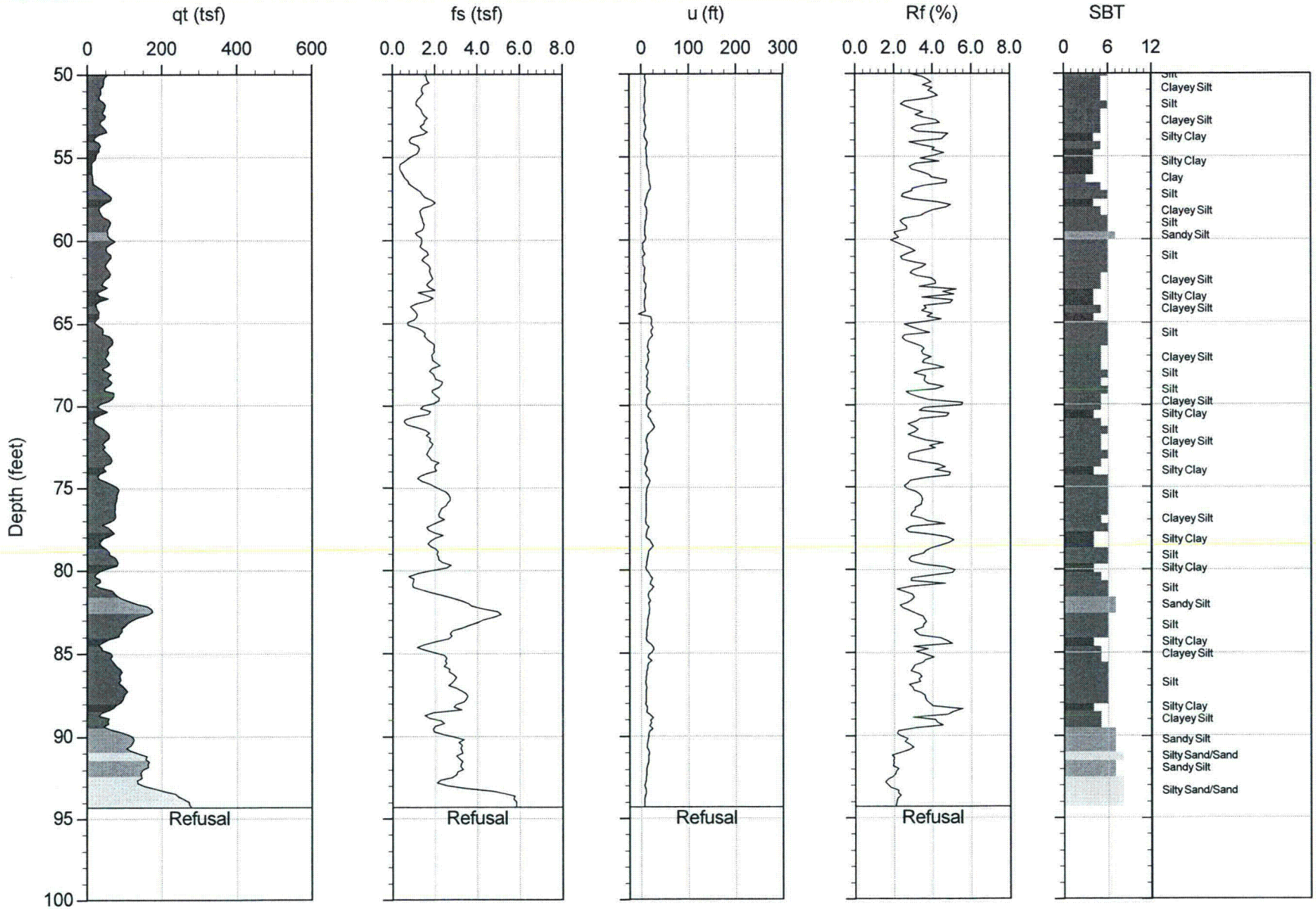
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647950 Long: -108.502917
● Equilibrium Pore Pressure from Dissipation

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

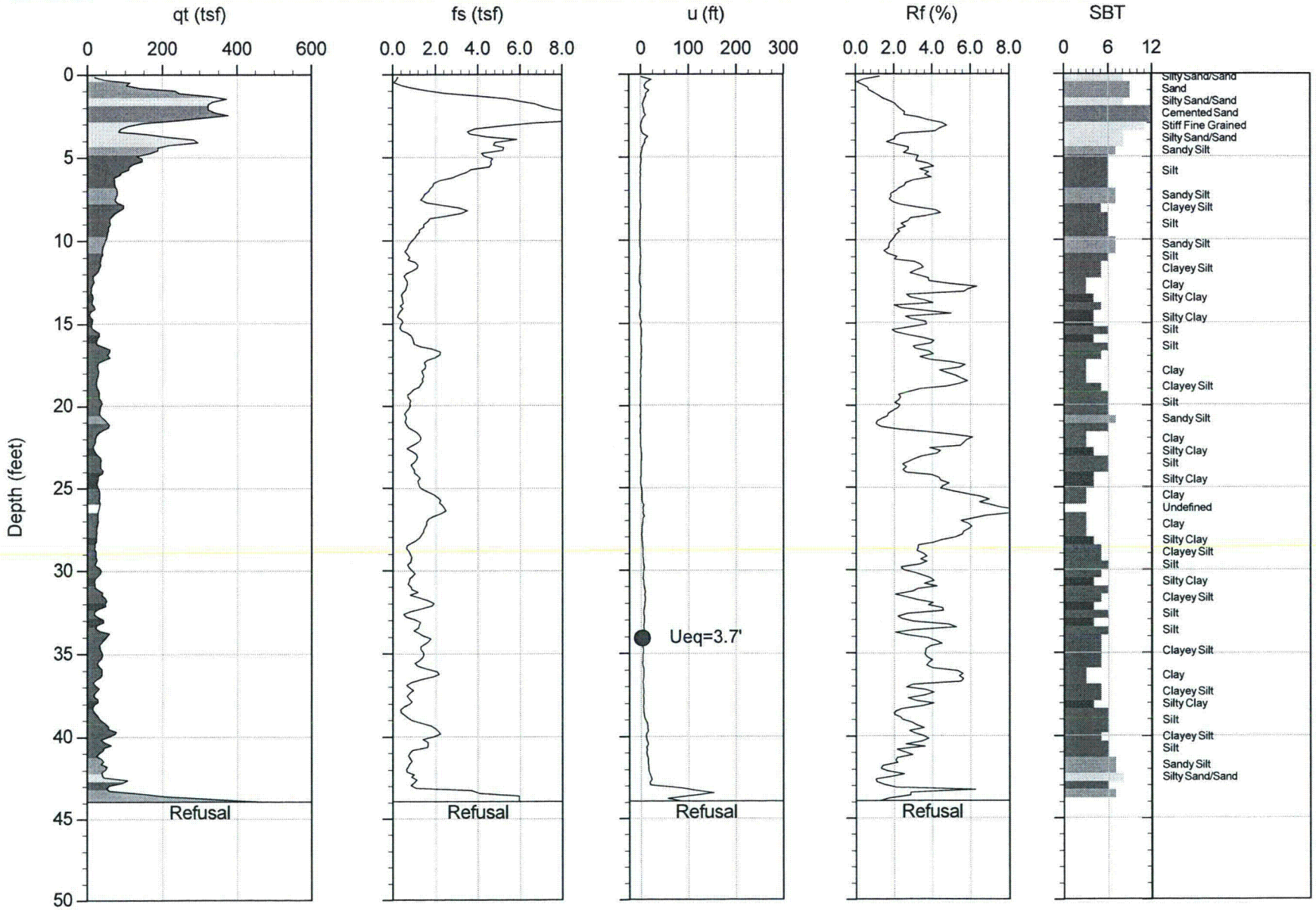
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647950 Long: -108.502917
● Equilibrium Pore Pressure from Dissipation

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

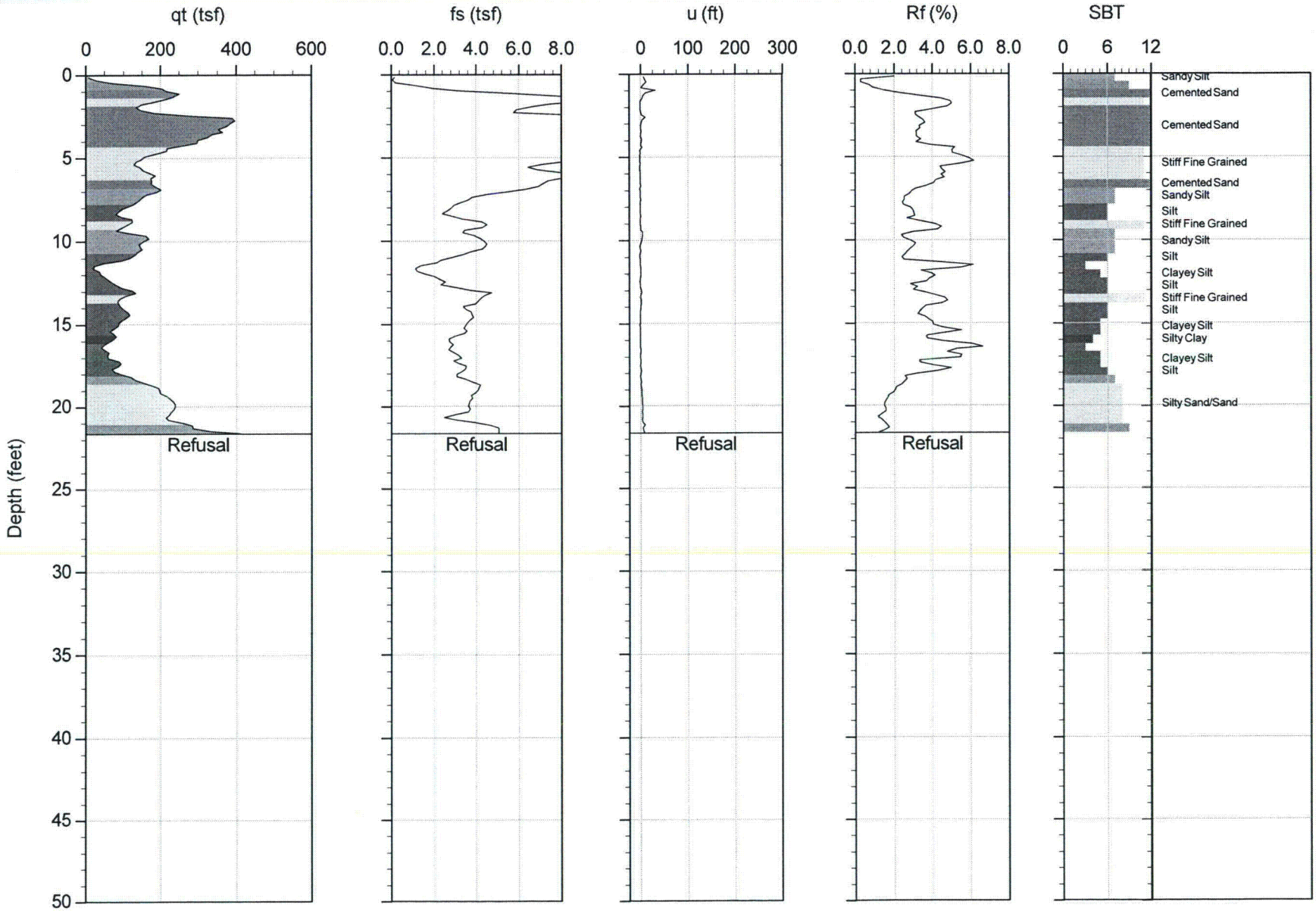
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650833 Long: -108.497700
● Equilibrium Pore Pressure from Dissipation

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

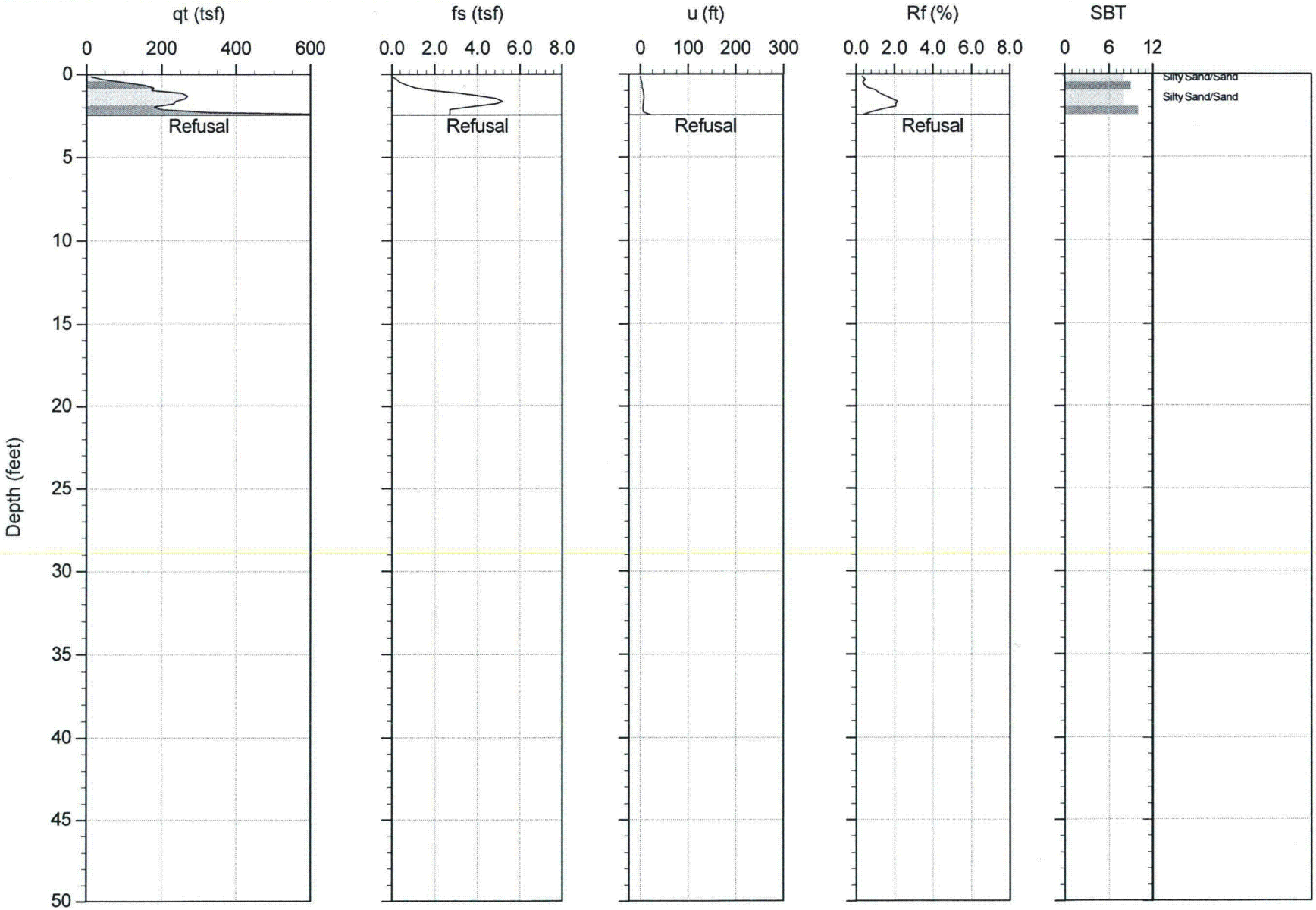
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.650000 Long: -108.498717
● Equilibrium Pore Pressure from Dissipation

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

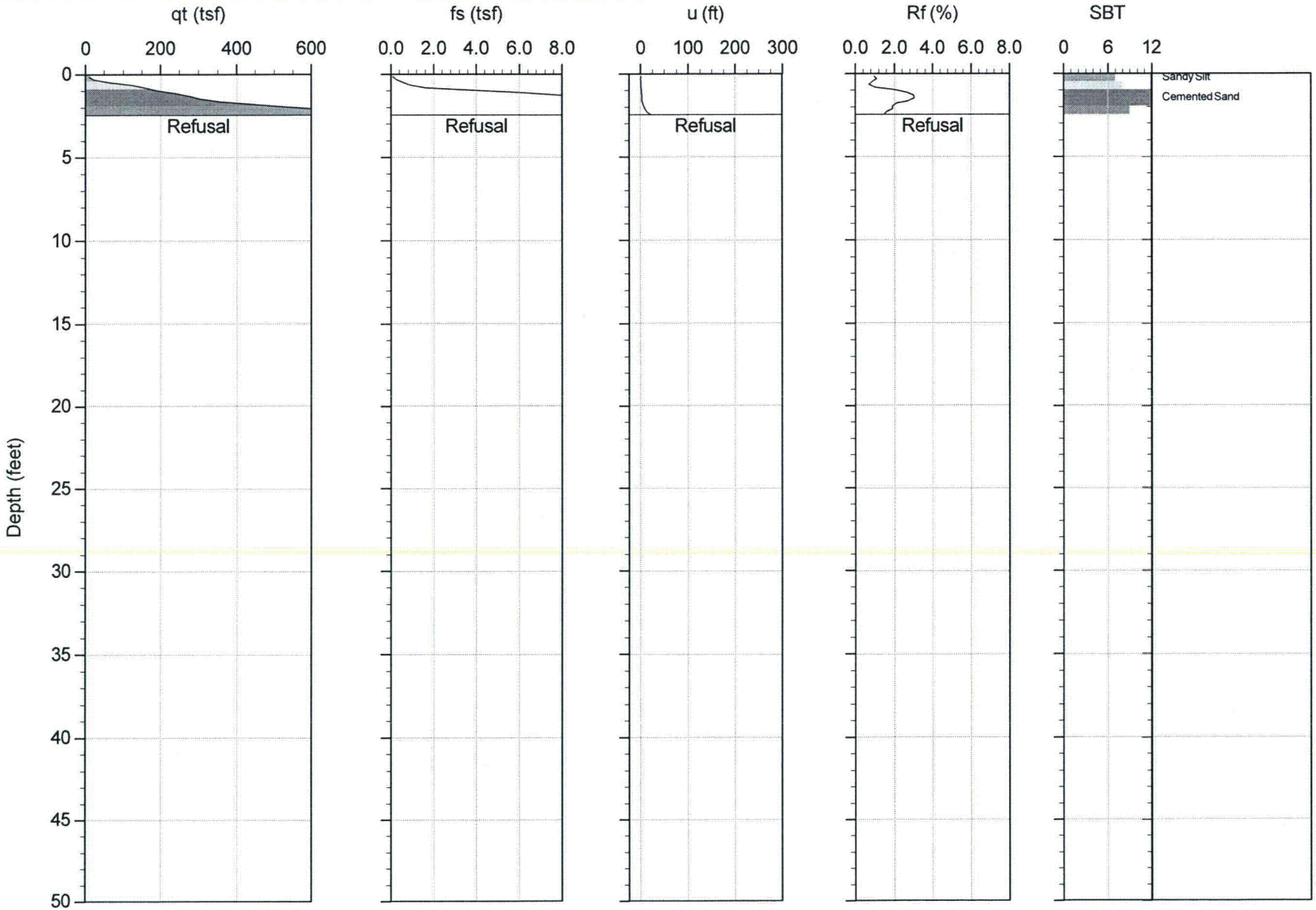
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649650 Long: -108.497733
● Equilibrium Pore Pressure from Dissipation

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

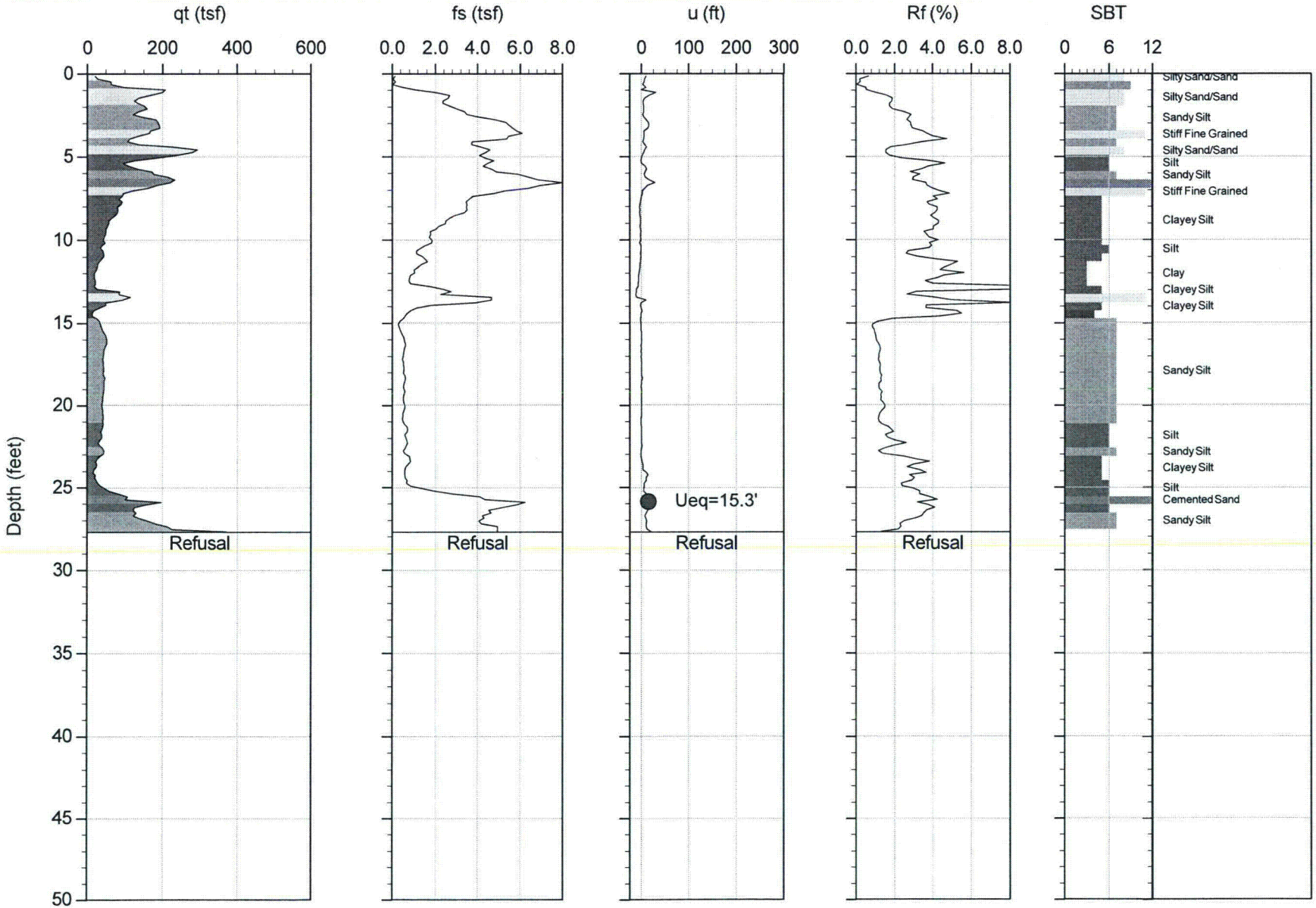
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649650 Long: -108.497767
● Equilibrium Pore Pressure from Dissipation

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

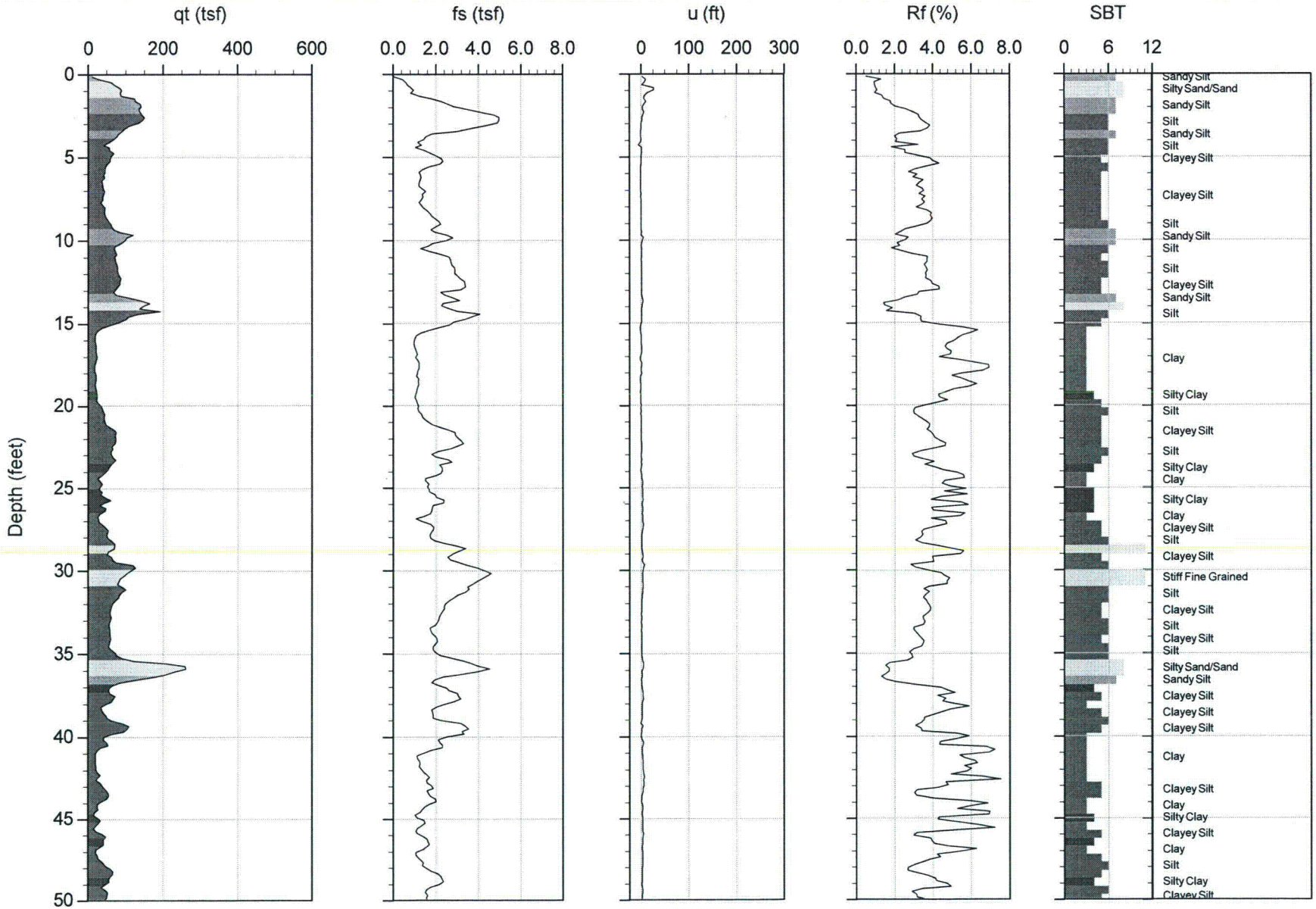
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.648417 Long: -108.500567
● Equilibrium Pore Pressure from Dissipation

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

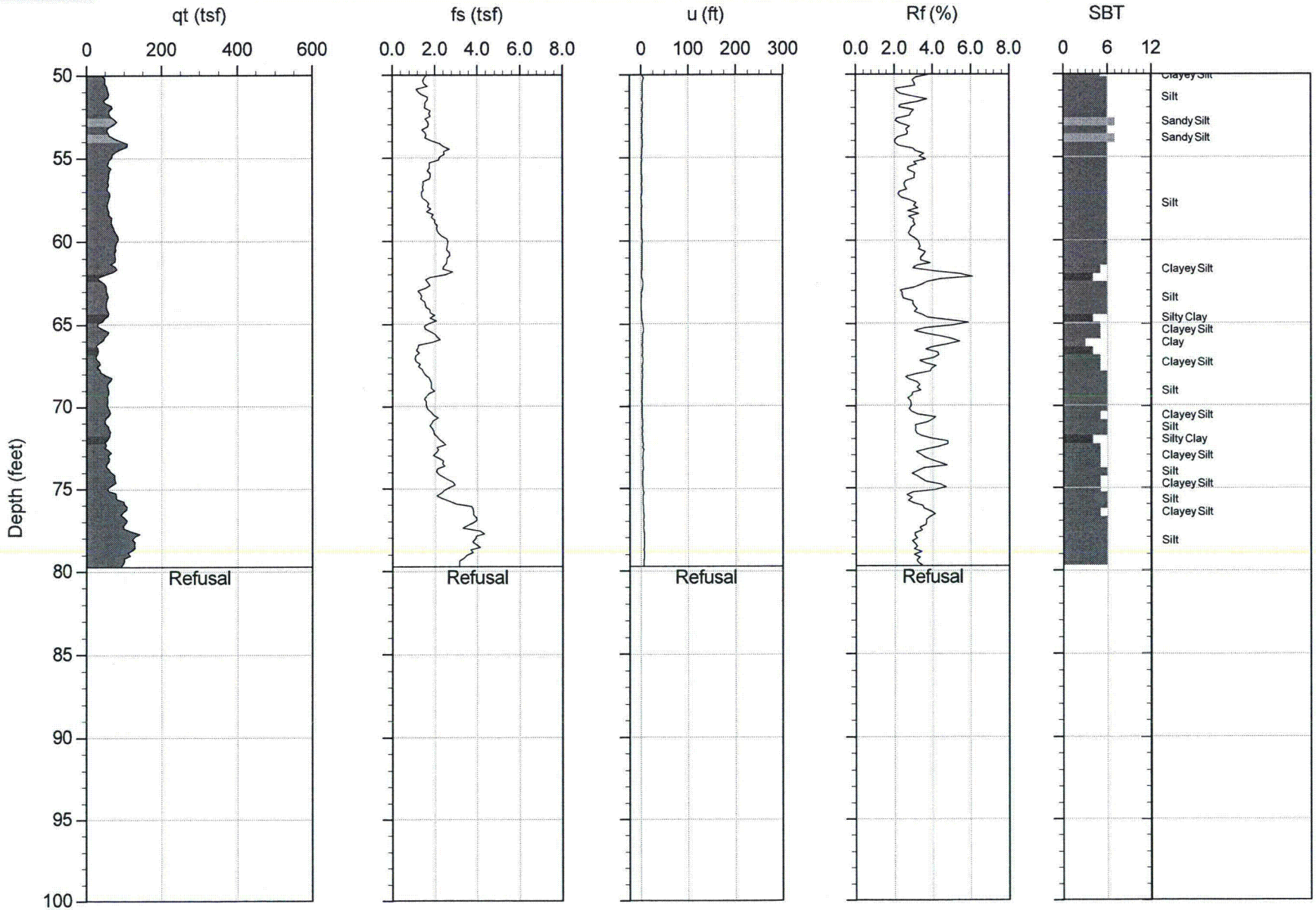
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.496367
● Equilibrium Pore Pressure from Dissipation

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

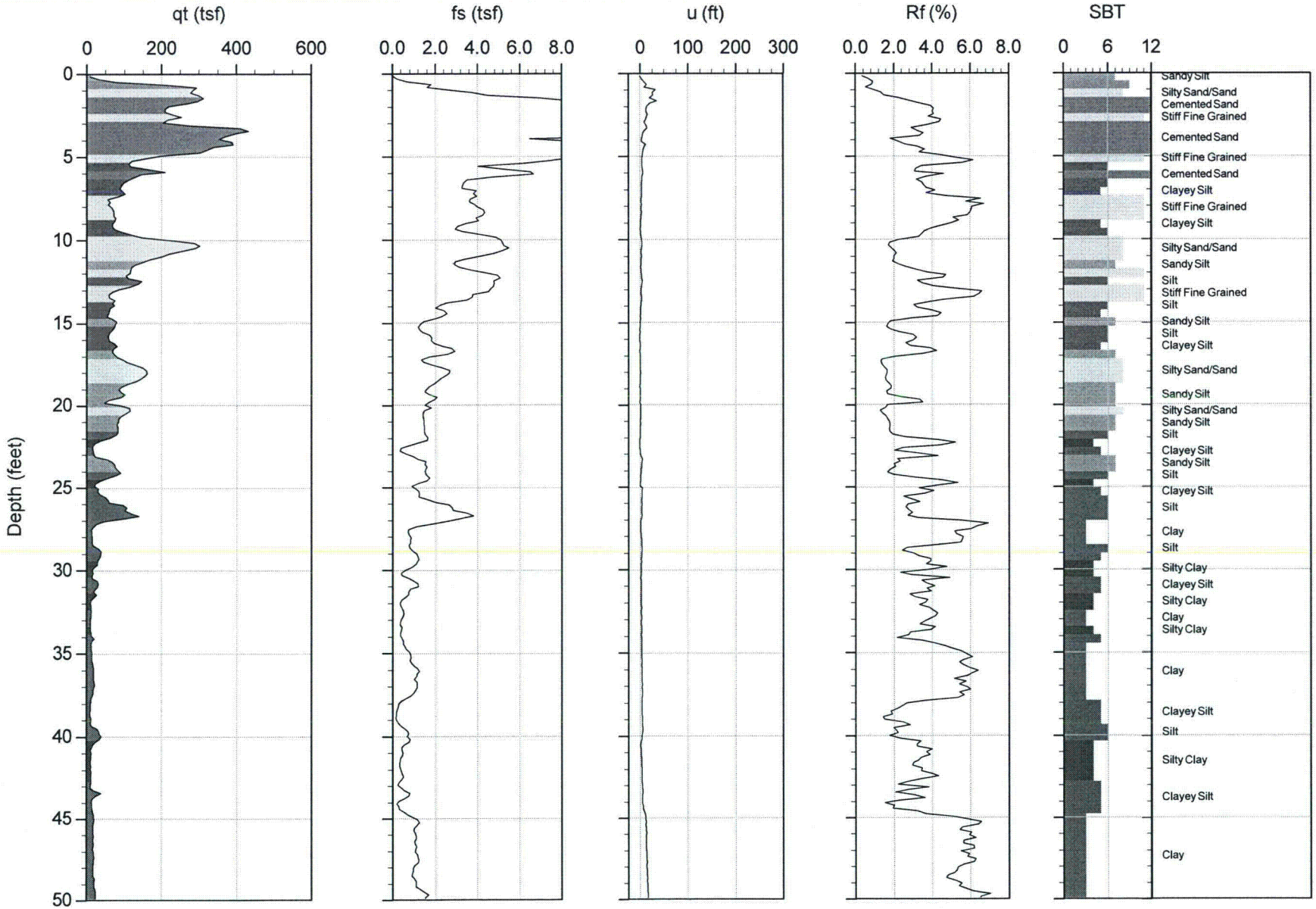
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647583 Long: -108.496367
● Equilibrium Pore Pressure from Dissipation

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

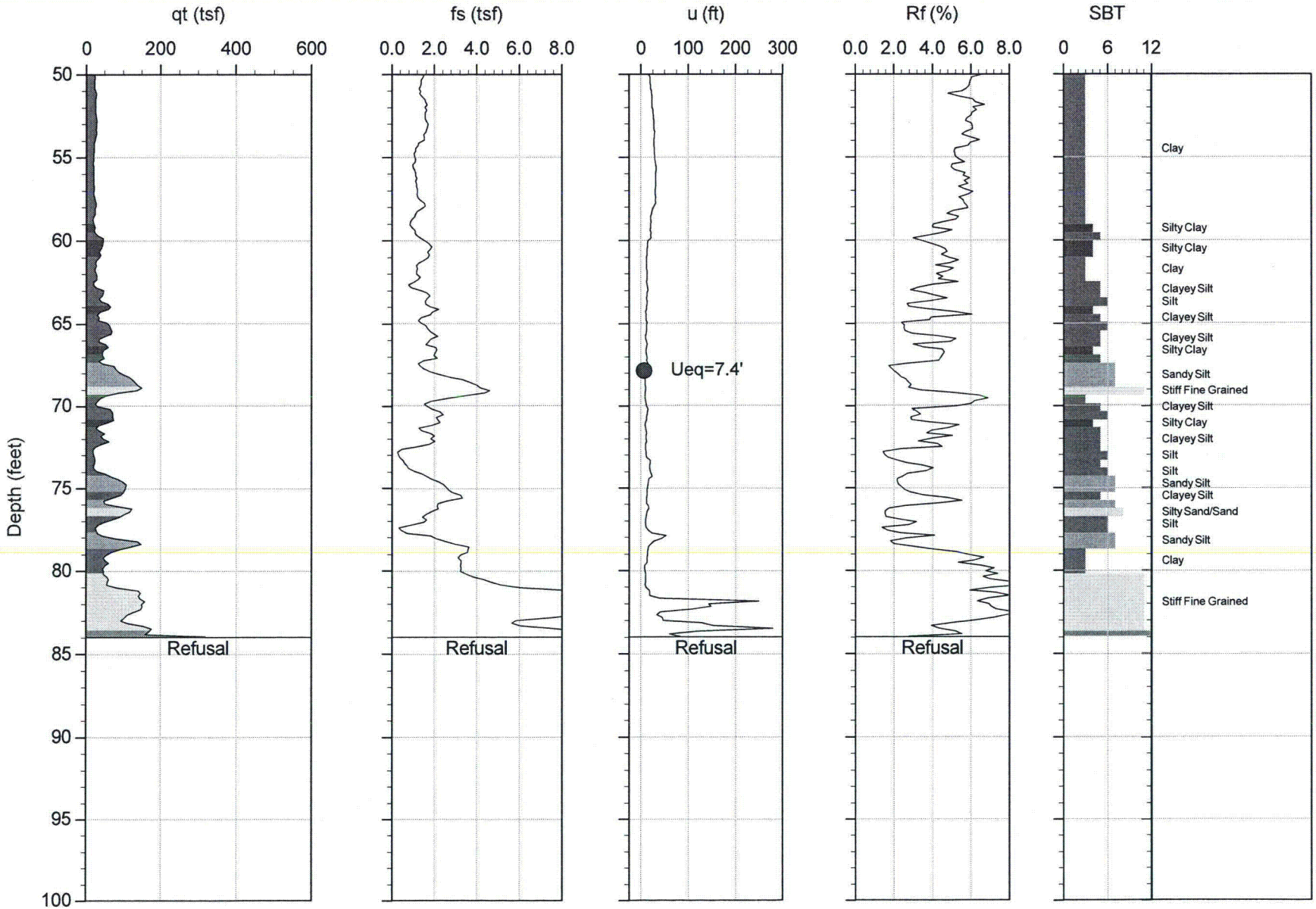
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649767 Long: -108.501117
● Equilibrium Pore Pressure from Dissipation

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

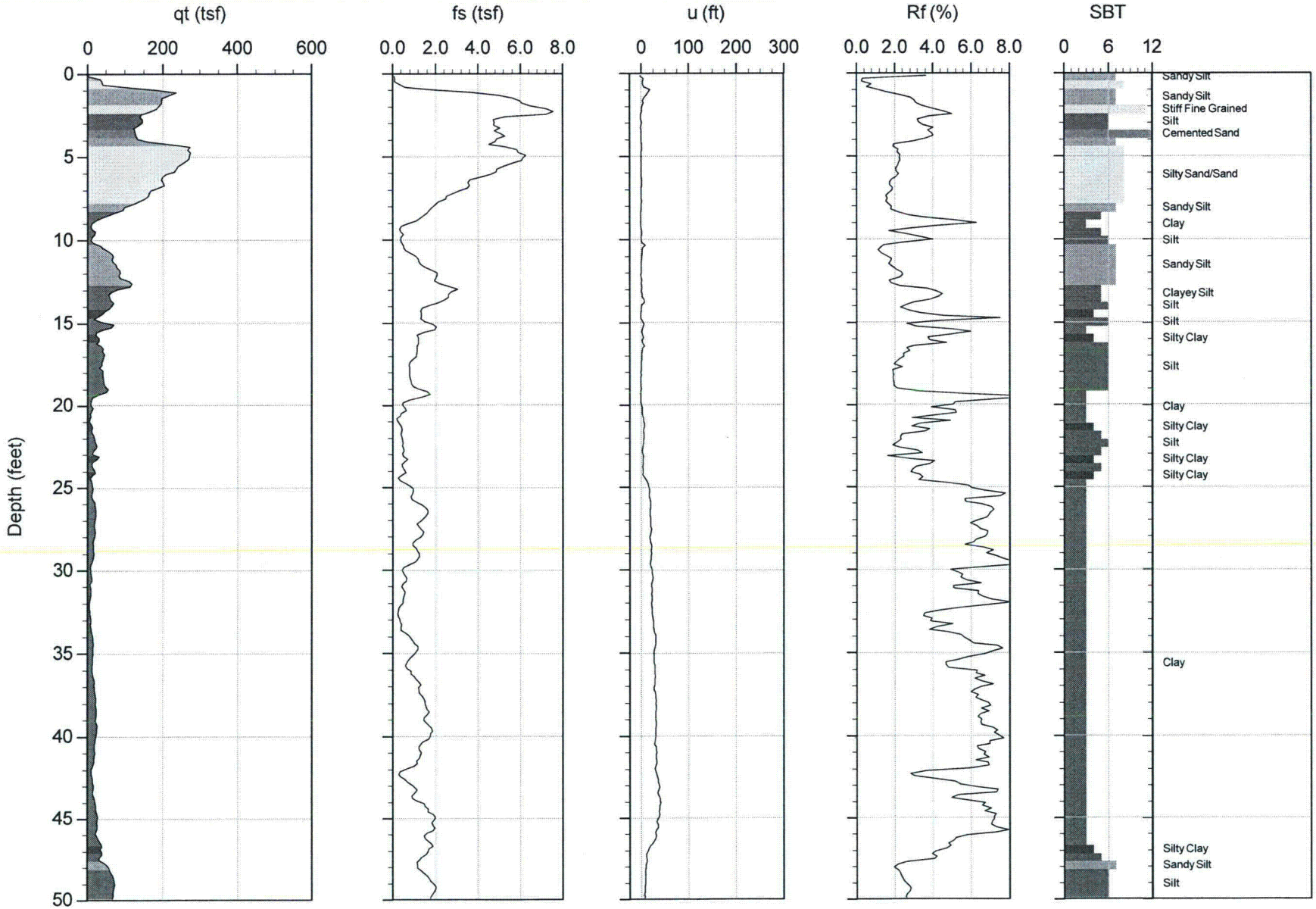
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.649767 Long: -108.501117
● Equilibrium Pore Pressure from Dissipation

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

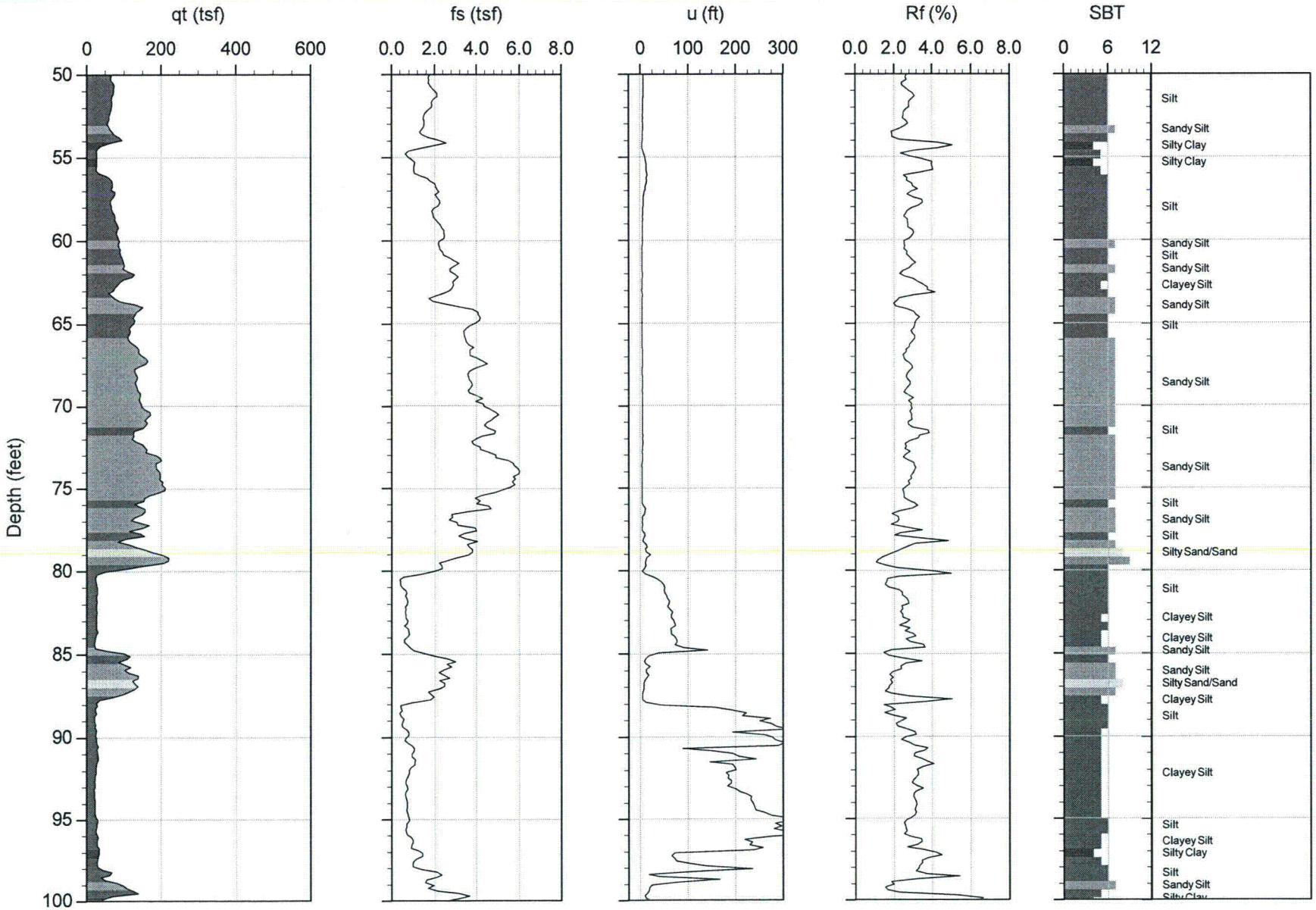
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

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

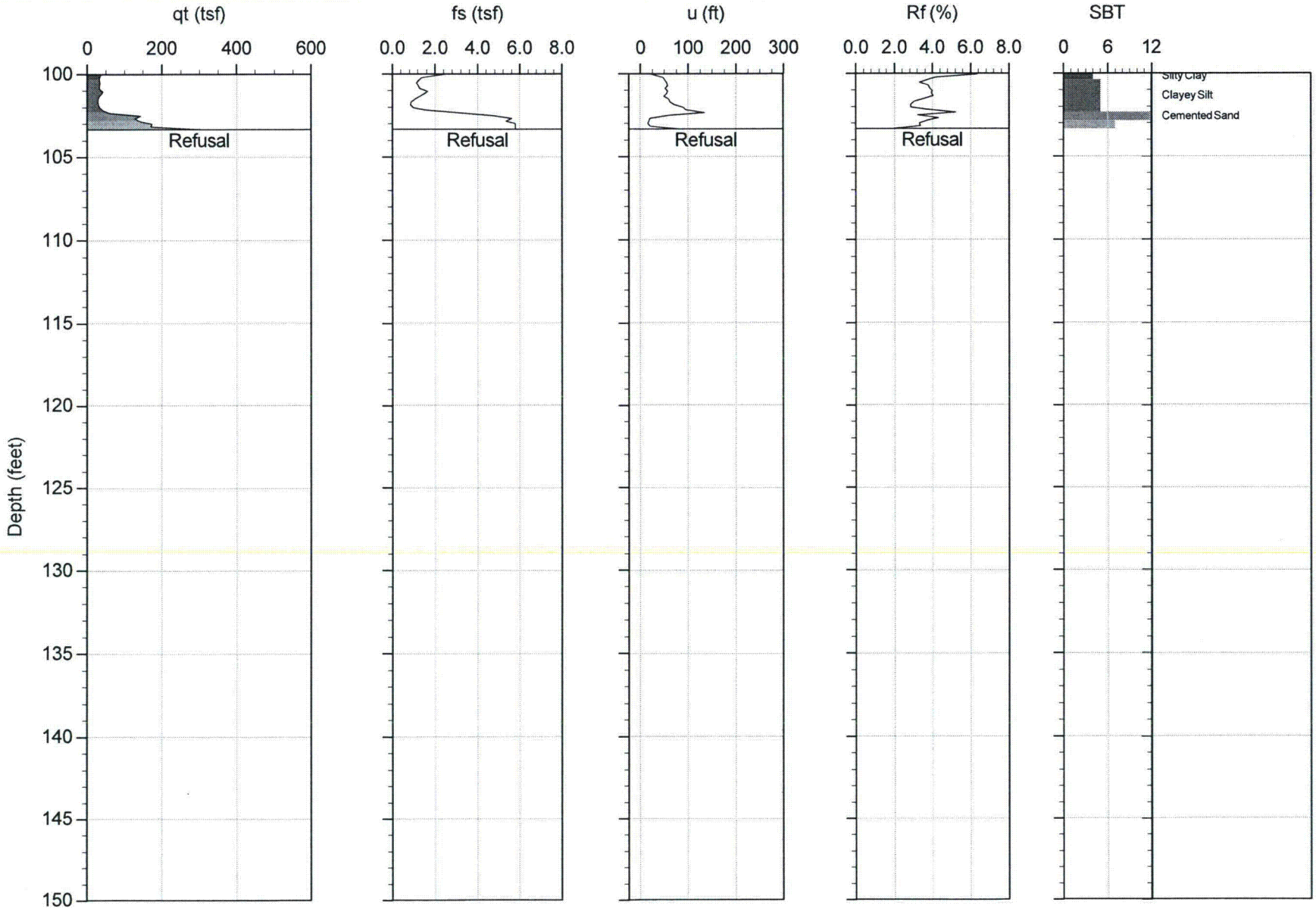
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

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

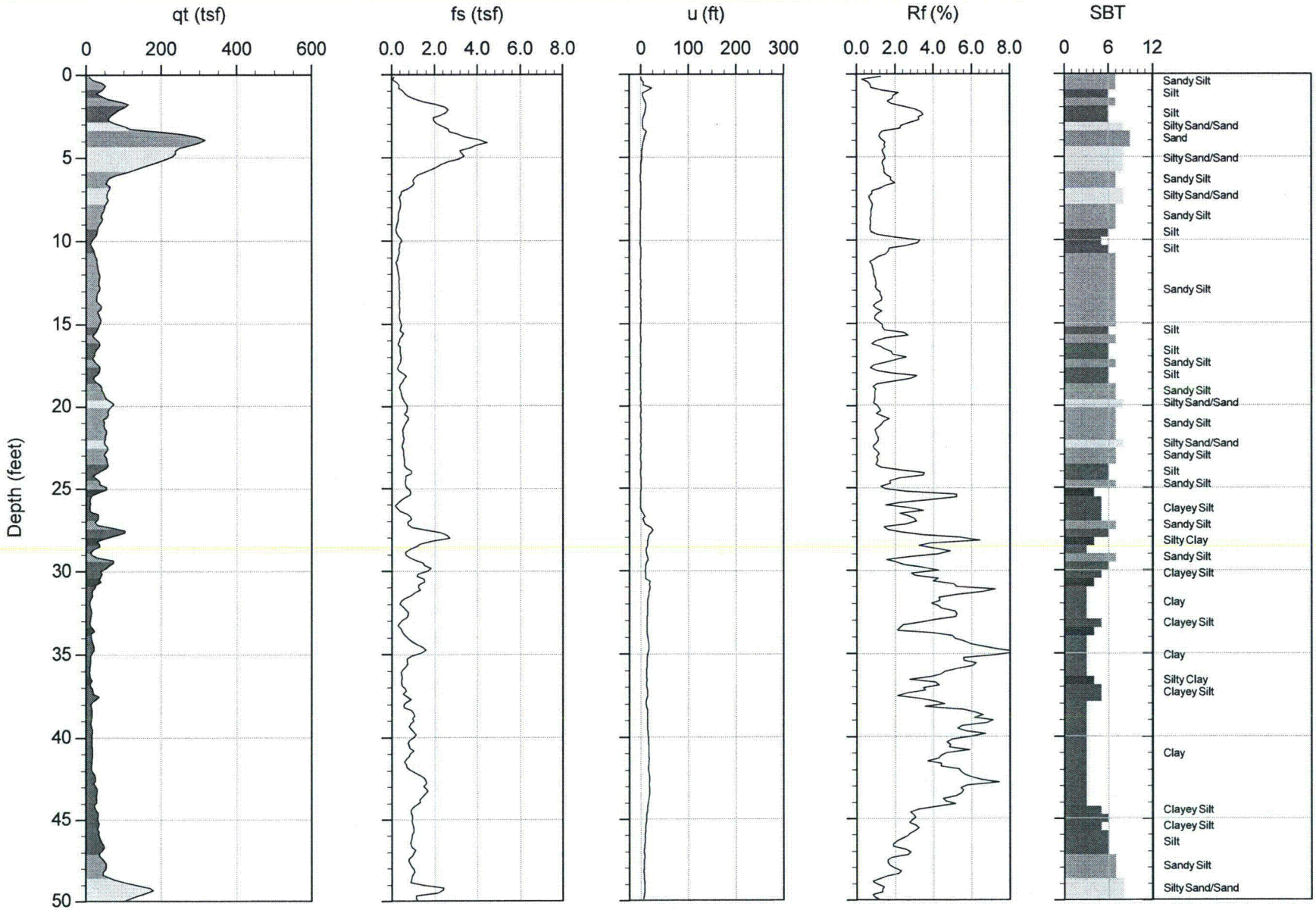
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.651200 Long: -108.499183
● Equilibrium Pore Pressure from Dissipation

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

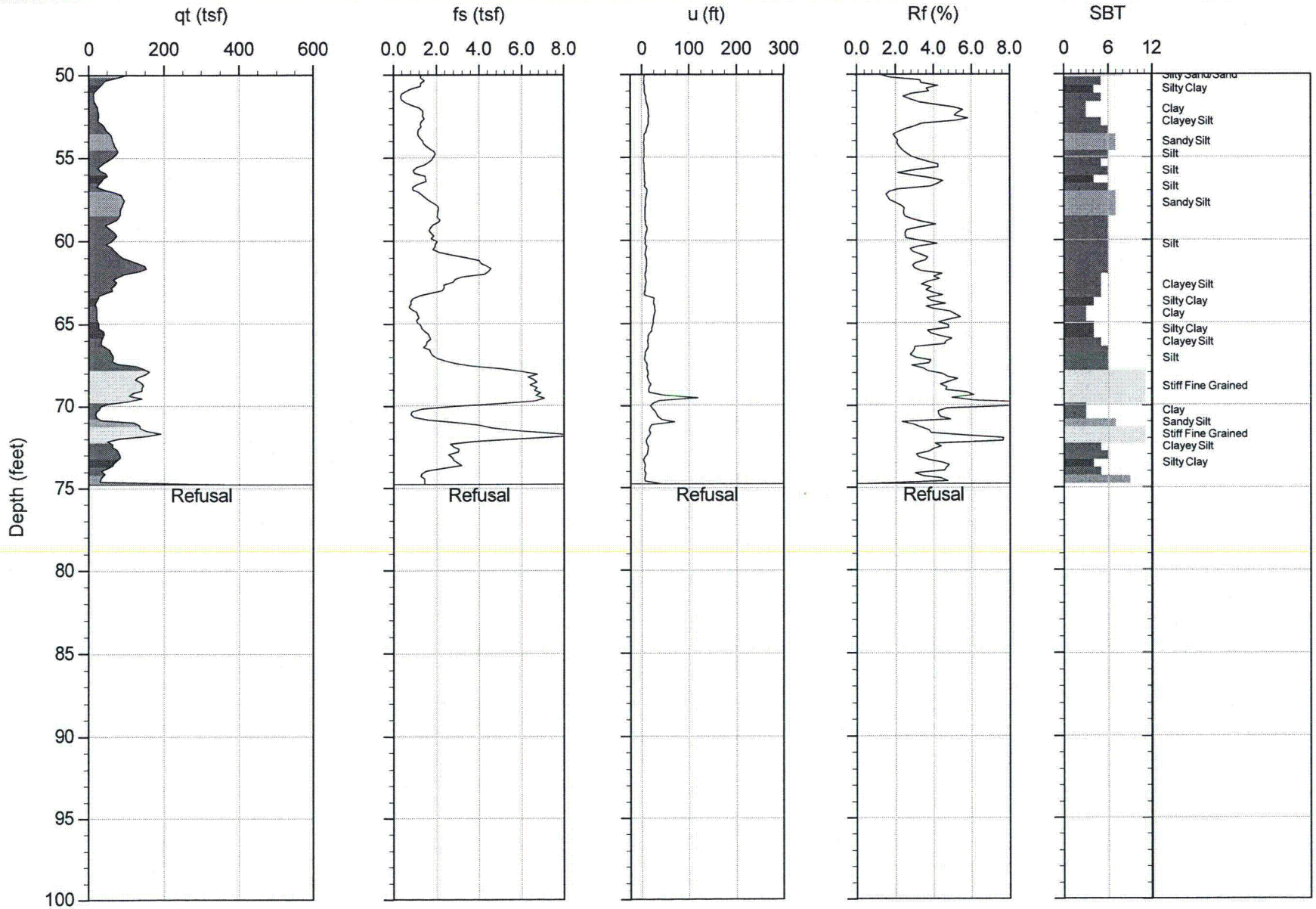
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.503350
● Equilibrium Pore Pressure from Dissipation

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

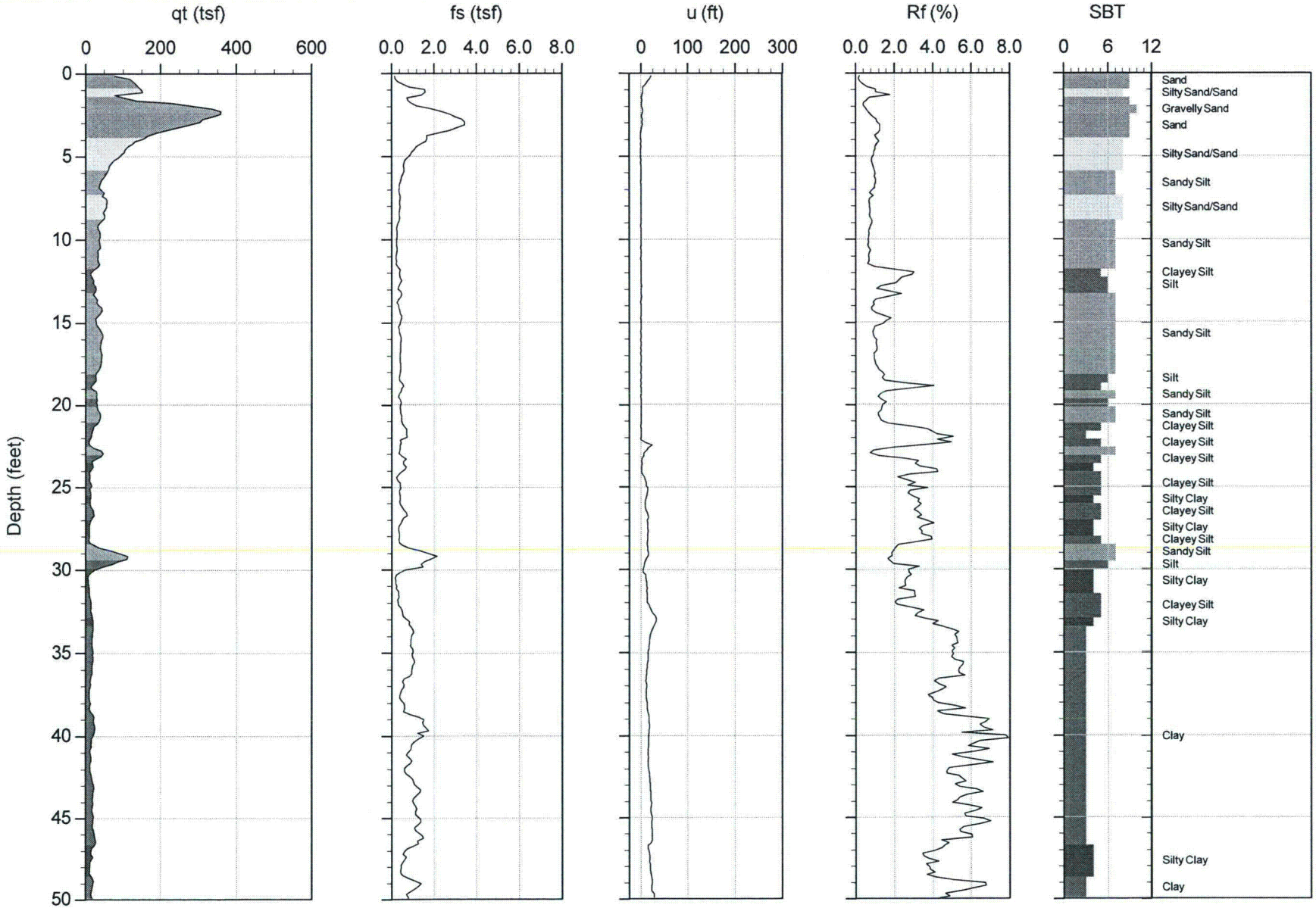
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.647250 Long: -108.503350
● Equilibrium Pore Pressure from Dissipation

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

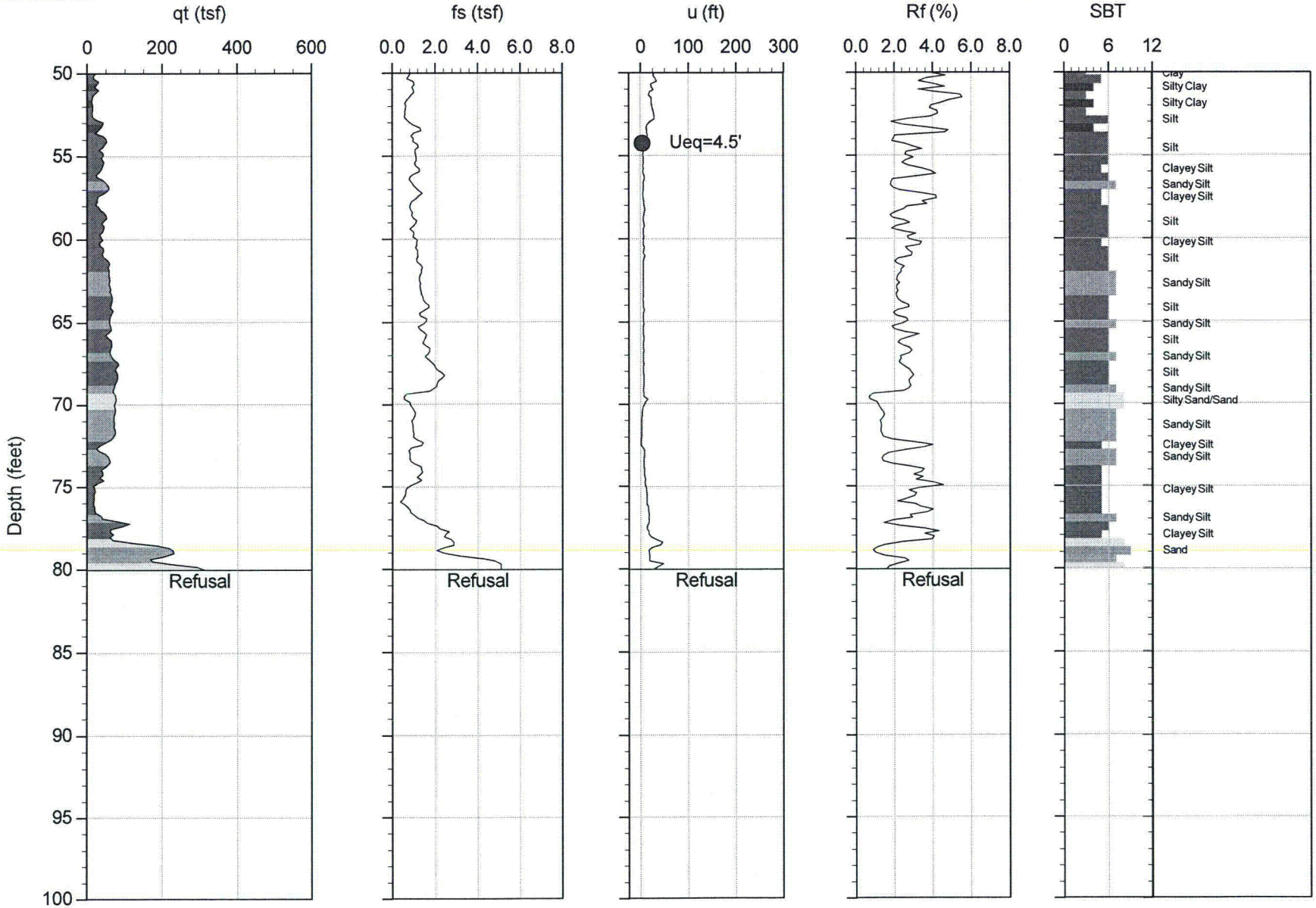
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646450 Long: -108.504917
● Equilibrium Pore Pressure from Dissipation

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

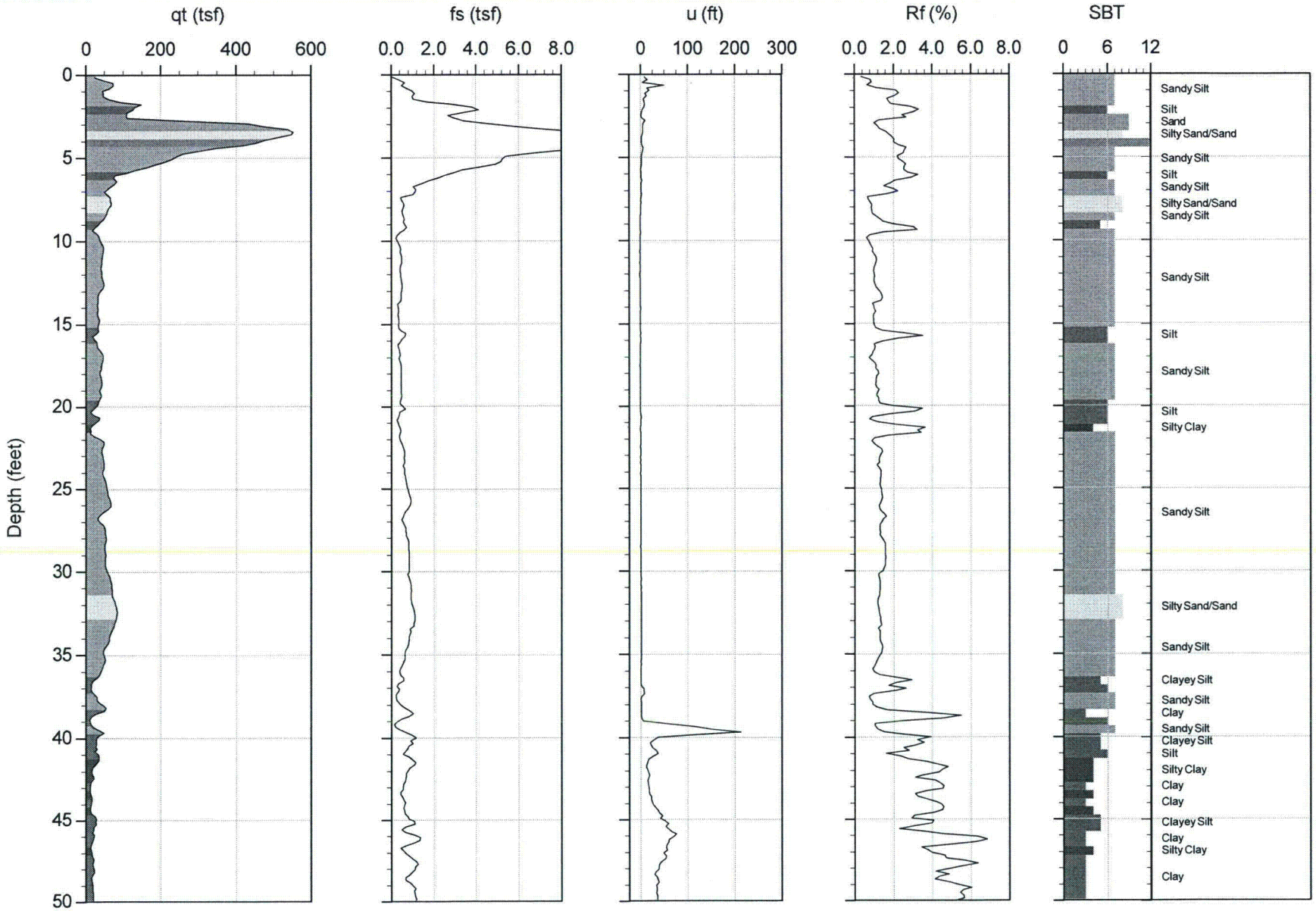
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.646450 Long: -108.504917
● Equilibrium Pore Pressure from Dissipation

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

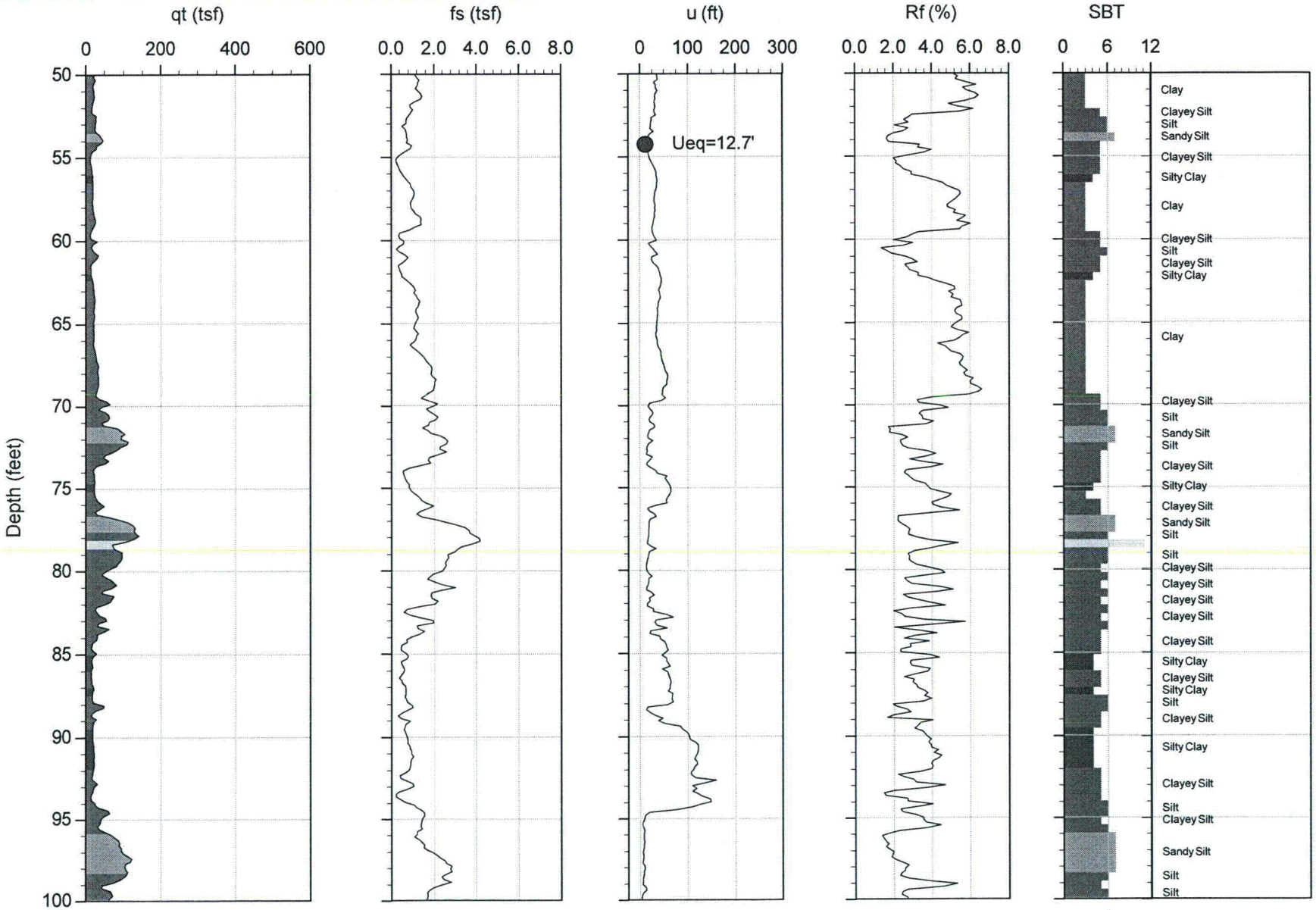
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.645383 Long: -108.505983
● Equilibrium Pore Pressure from Dissipation

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

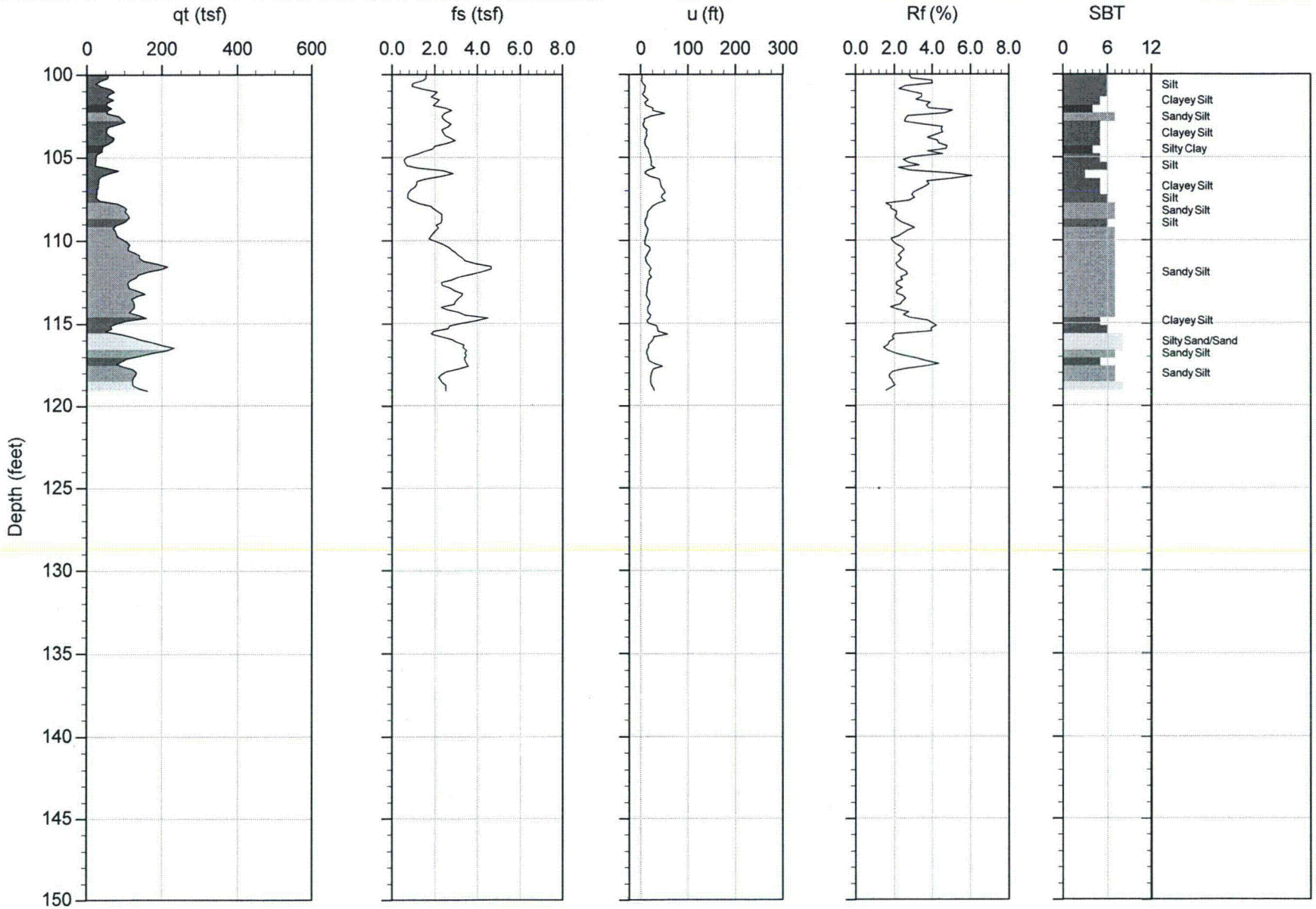
SBT: Lunne, Robertson and Powell, 1997
Coords: Lat: 35.645383 Long: -108.505983
● Equilibrium Pore Pressure from Dissipation

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

PPD Plots

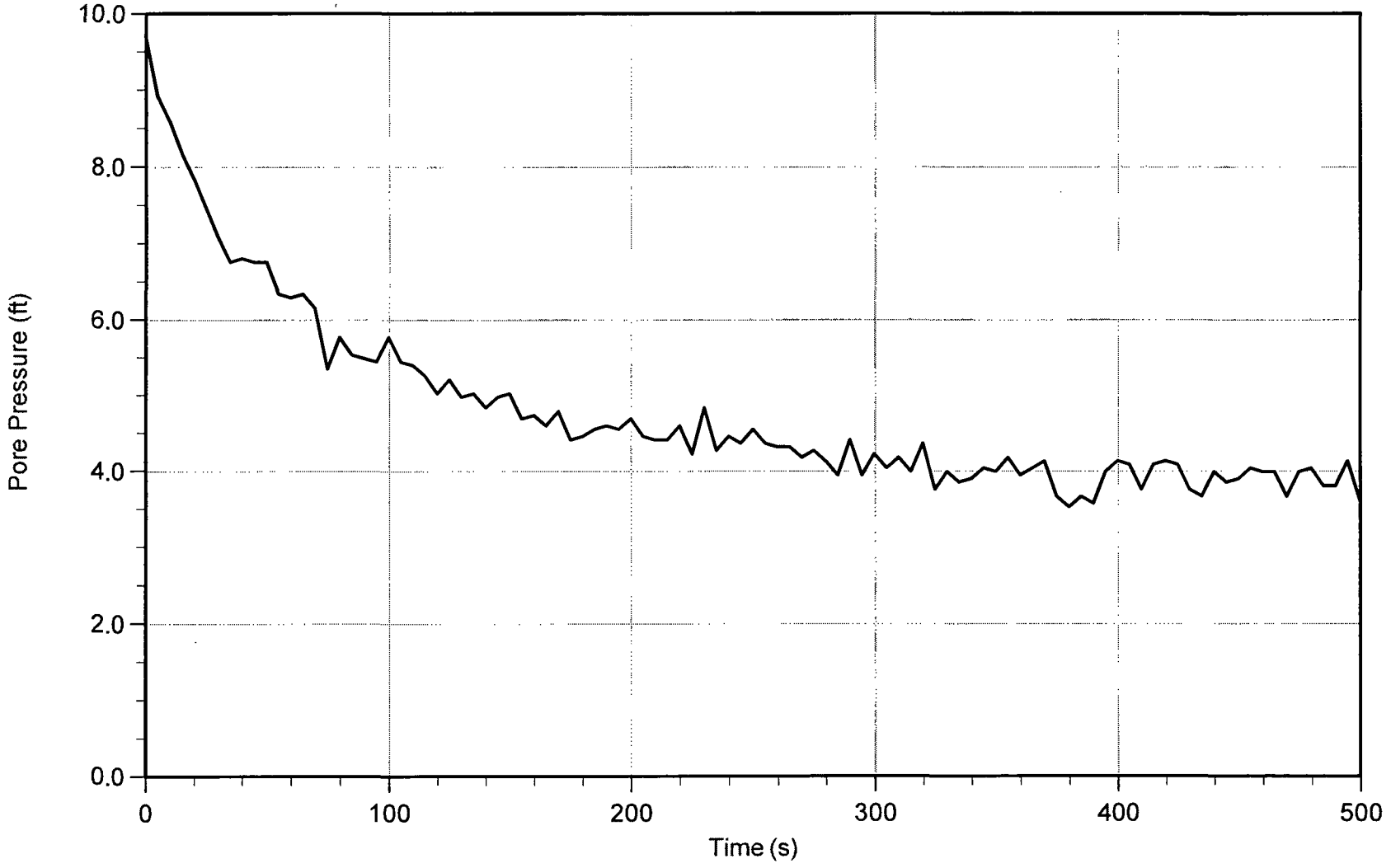
CONETEC

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 15:36:46
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP01.PPD
Depth: 10.750 m / 35.269 ft
Duration: 500.0 s

U Min: 3.5 ft
U Max: 9.7 ft

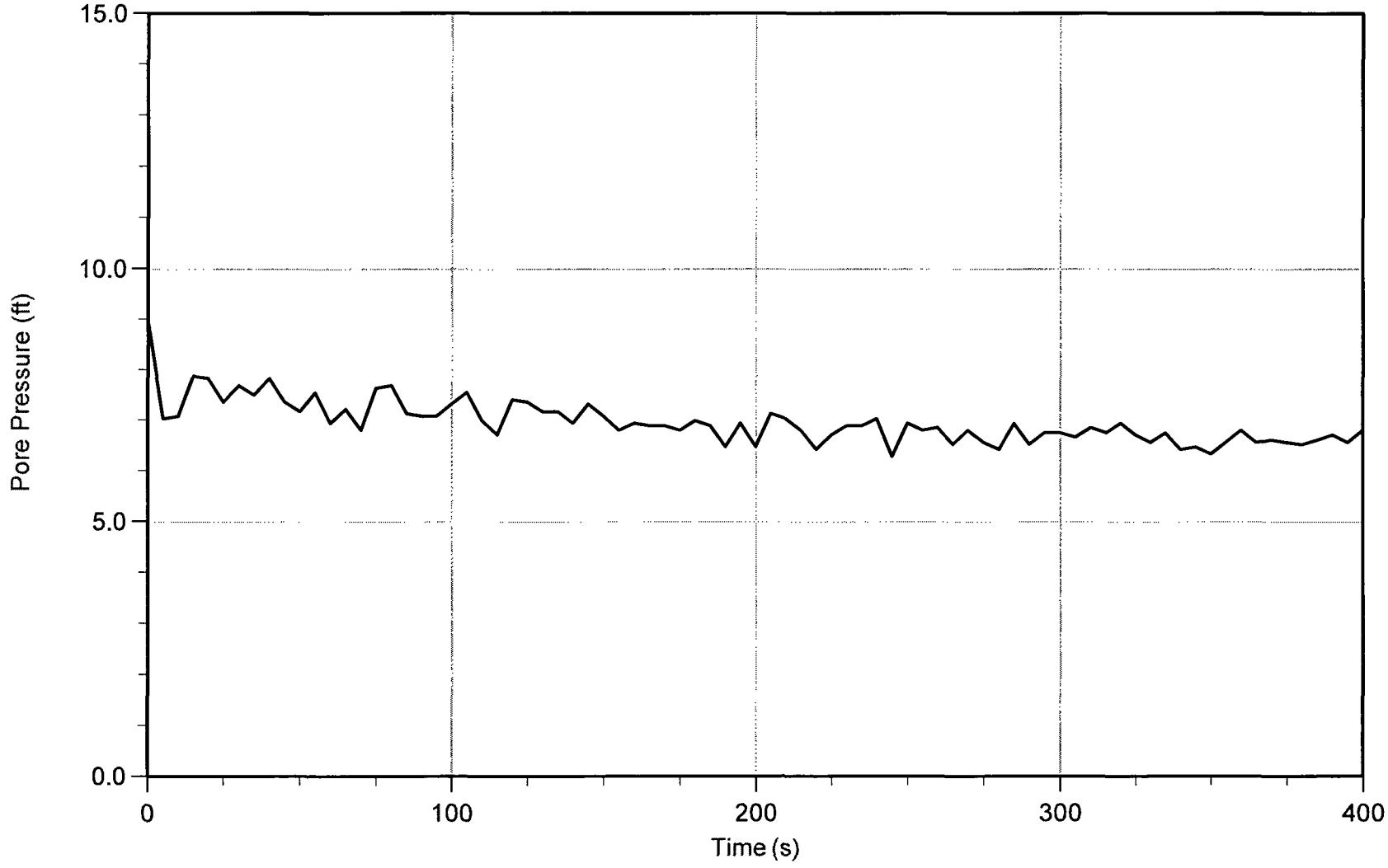
WT: 9.573 m / 31.407 ft
Ueq: 3.9 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 15:36:46
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-01
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP01.PPD
Depth: 22.100 m / 72.506 ft
Duration: 400.0 s

U Min: 6.3 ft
U Max: 9.0 ft

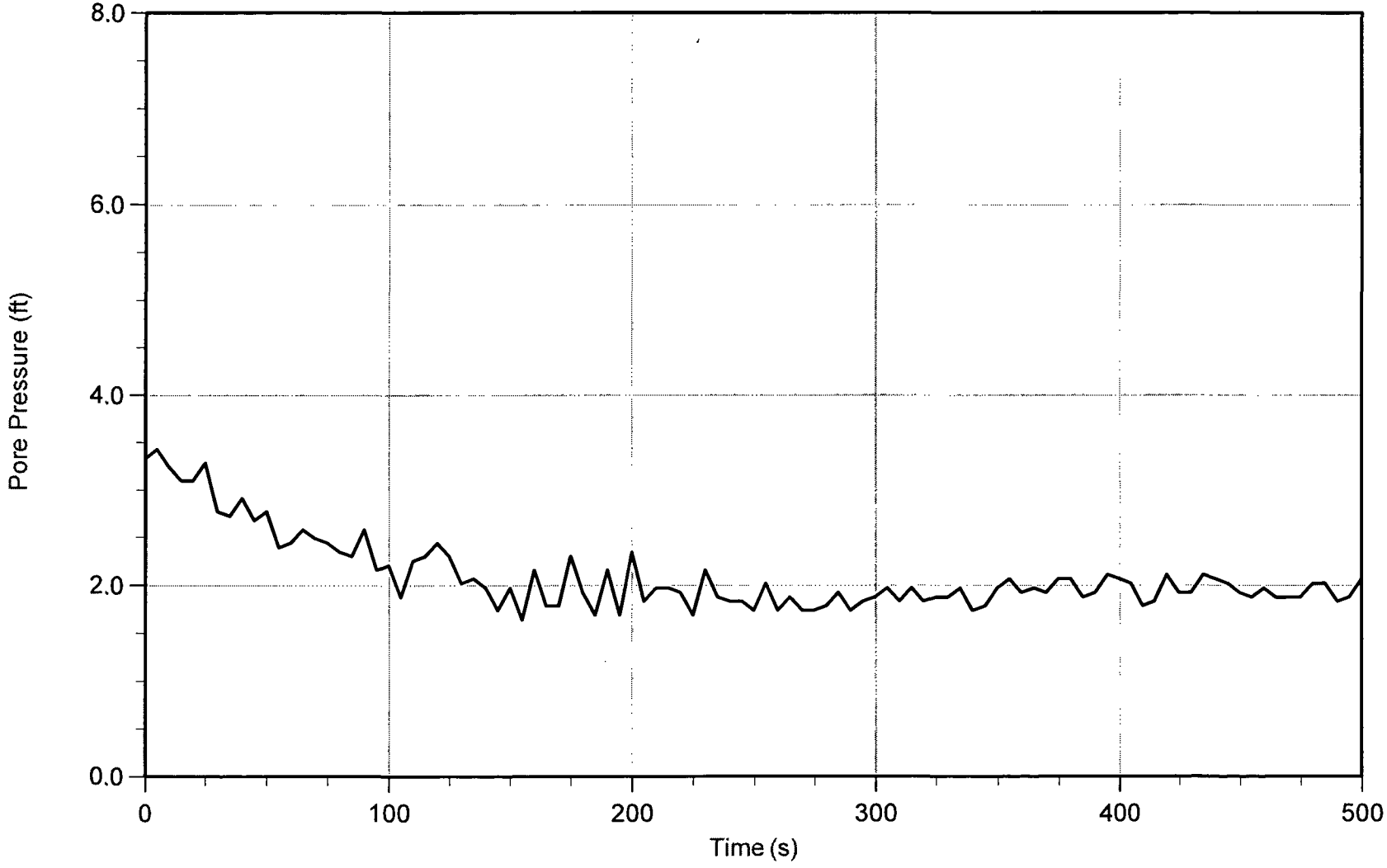
WT: 20.098 m / 65.937 ft
Ueq: 6.6 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 05-Nov-2013 13:37:58
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-02
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP02.PPD
Depth: 8.050 m / 26.410 ft
Duration: 500.0 s

U Min: 1.6 ft
U Max: 3.4 ft

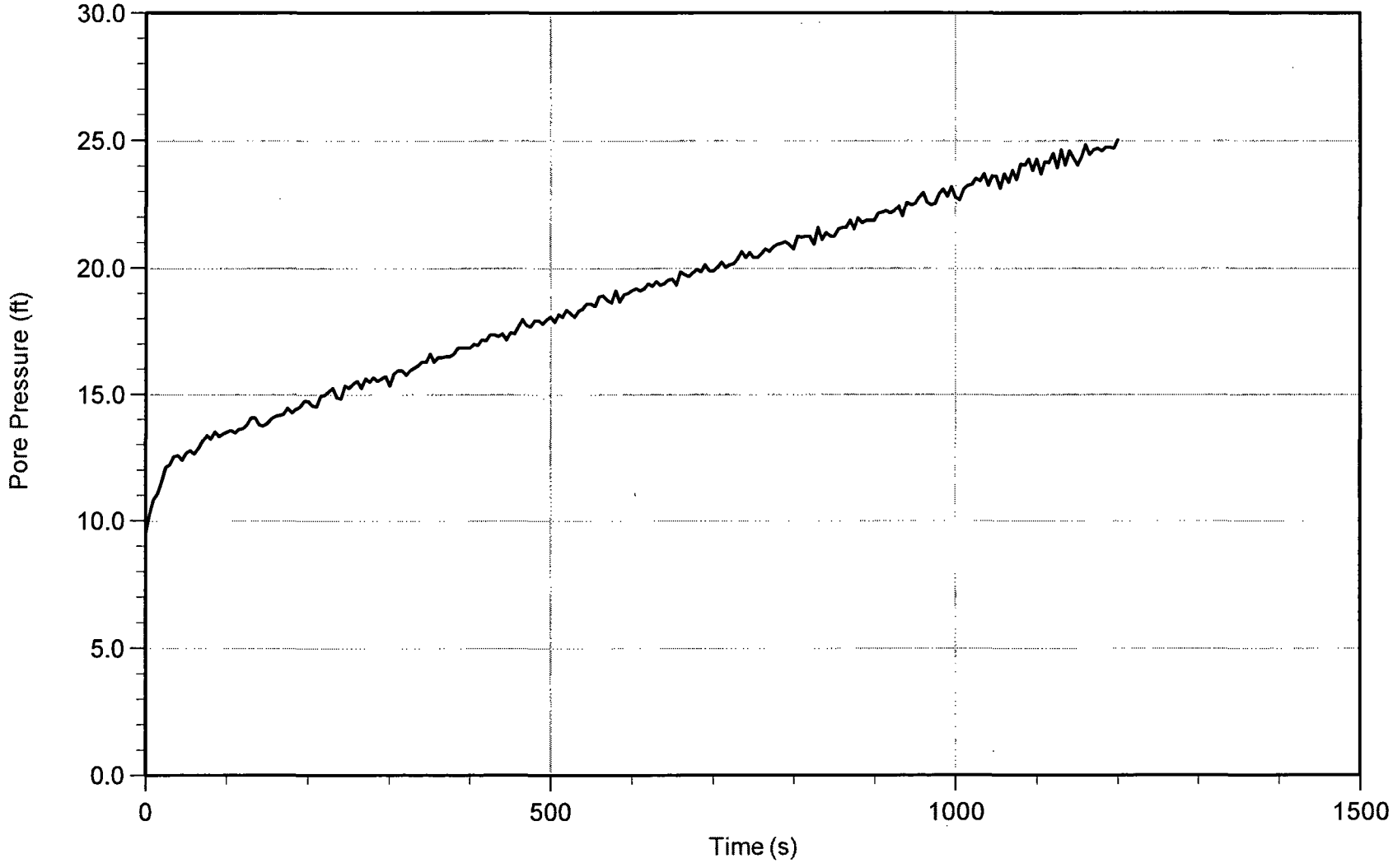
WT: 7.461 m / 24.479 ft
Ueq: 1.9 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 05-Nov-2013 13:37:58
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-02
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP02.PPD
Depth: 9.150 m / 30.019 ft
Duration: 1200.0 s

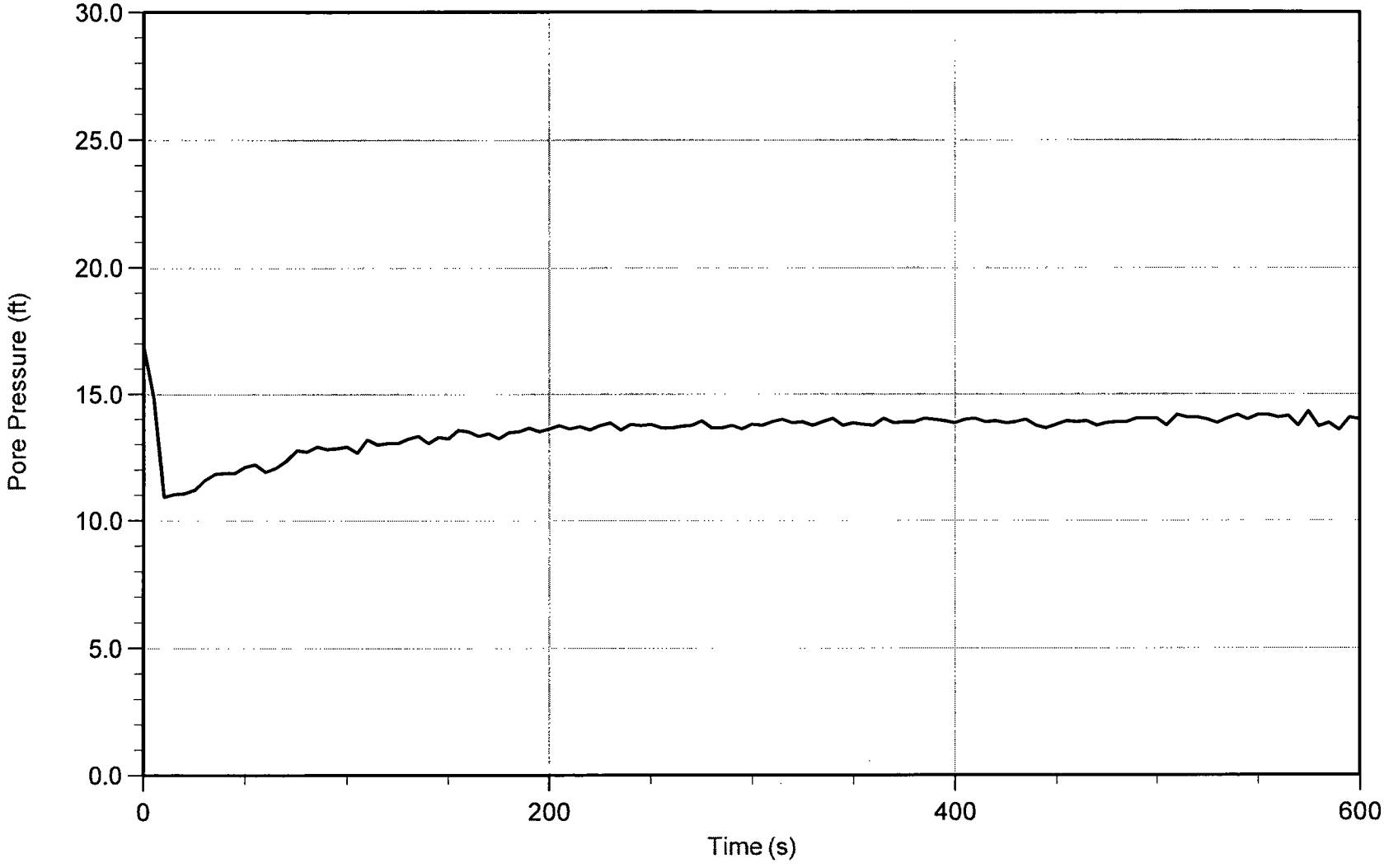
U Min: 9.5 ft
U Max: 25.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 05-Nov-2013 13:37:58
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-02
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP02.PPD
Depth: 10.250 m / 33.628 ft
Duration: 600.0 s

U Min: 10.9 ft
U Max: 16.9 ft

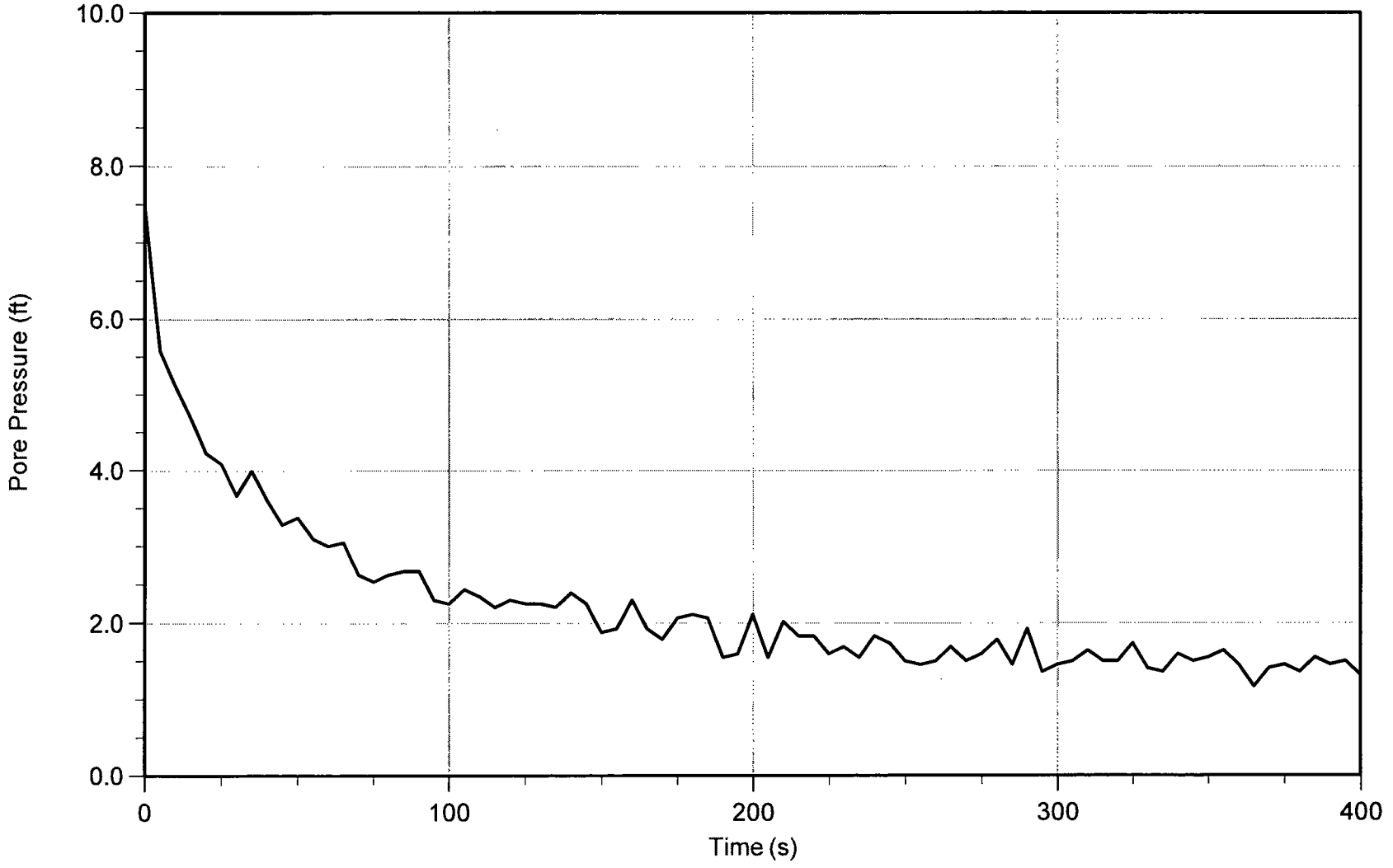
WT: 6.025 m / 19.766 ft
Ueq: 13.9 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 05-Nov-2013 13:39:58
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-04
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP04.PPD
Depth: 7.800 m / 25.590 ft
Duration: 400.0 s

U Min: 1.2 ft
U Max: 7.5 ft

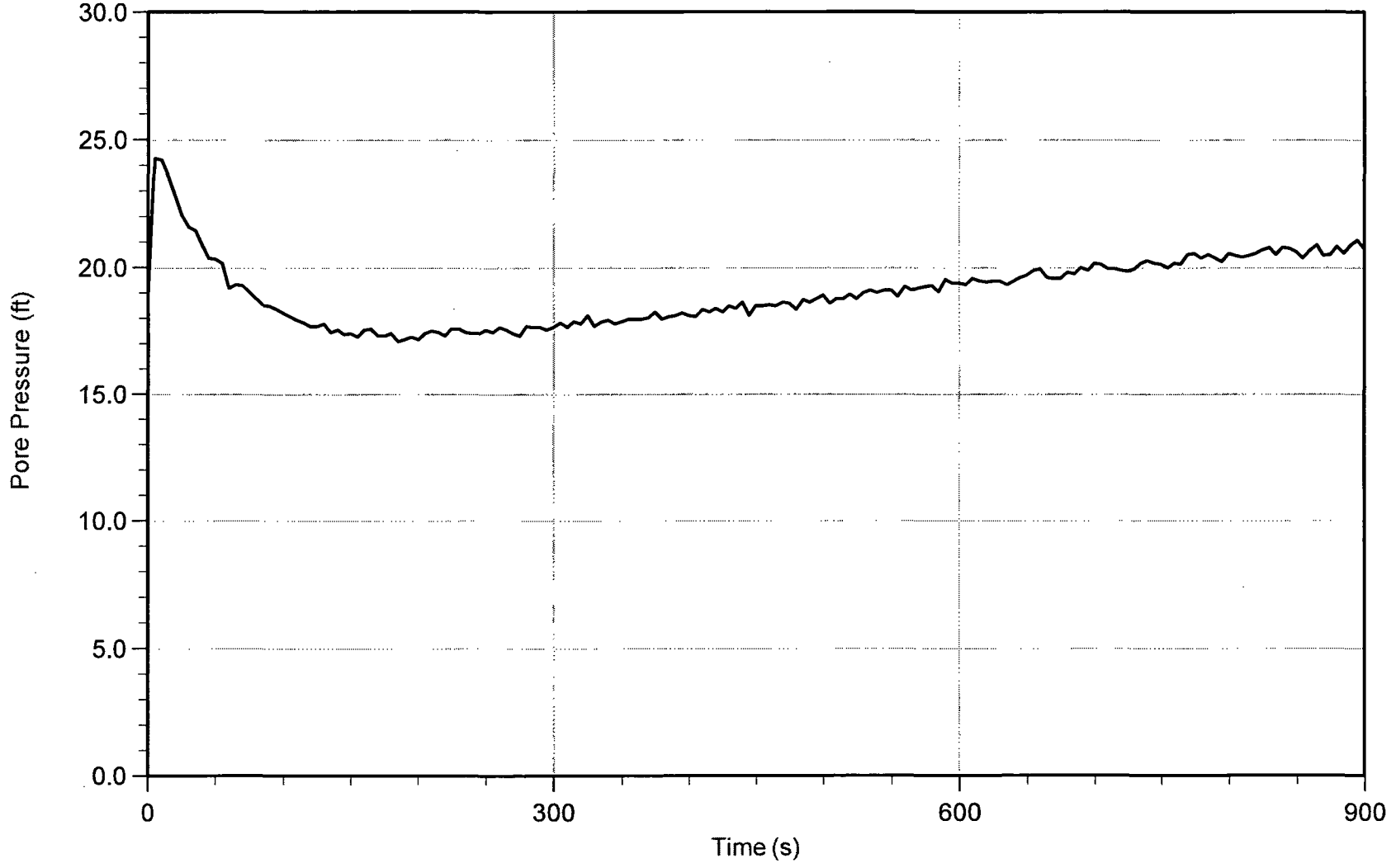
WT: 7.369 m / 24.176 ft
Ueq: 1.4 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 08:30:57
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-05
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP05.PPD
Depth: 3.850 m / 12.631 ft
Duration: 900.0 s

U Min: 17.1 ft
U Max: 24.3 ft

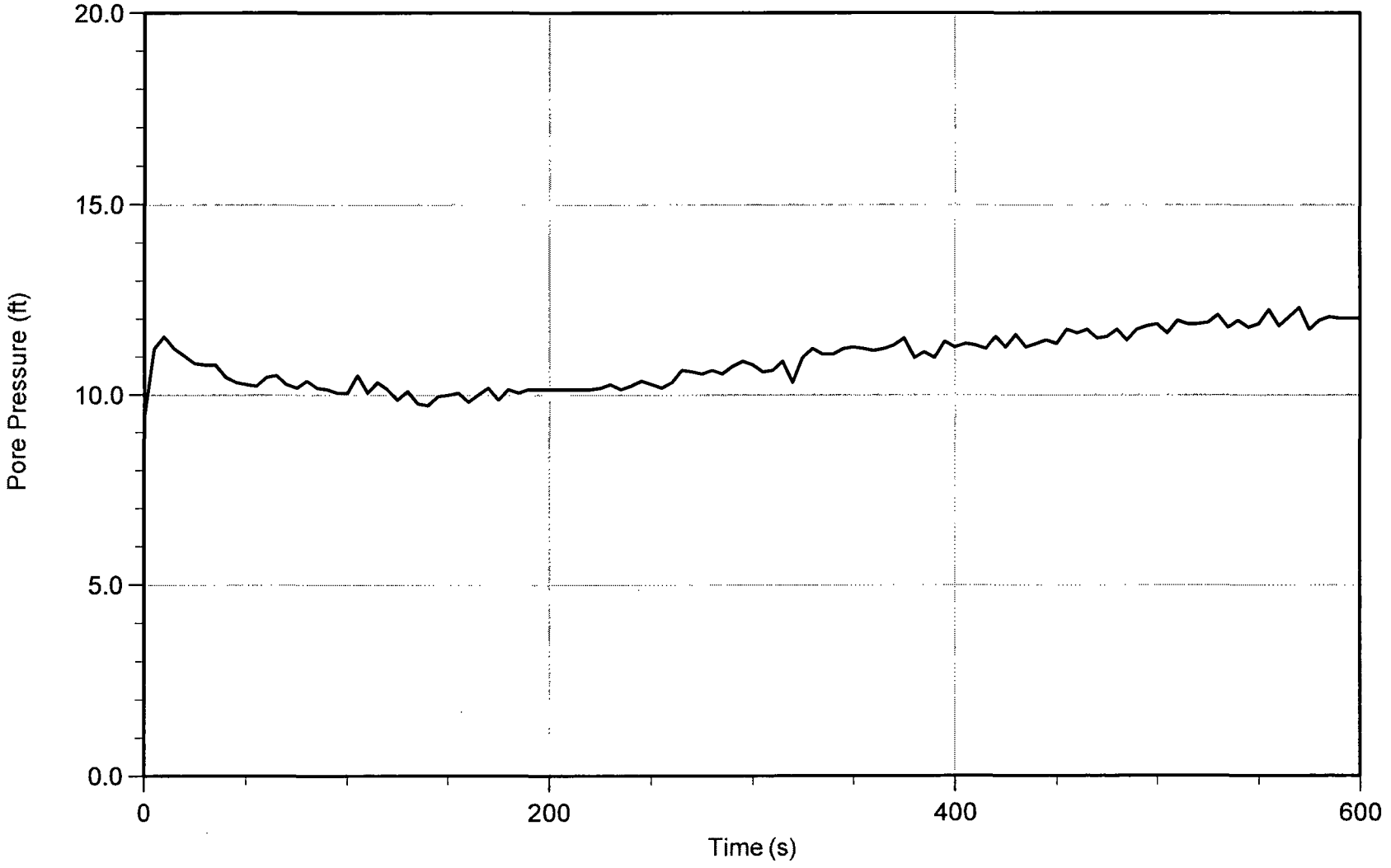
WT: -2.551 m / -8.369 ft
Ueq: 21.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 08:30:57
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-05
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP05.PPD
Depth: 7.900 m / 25.918 ft
Duration: 600.0 s

U Min: 9.4 ft
U Max: 12.3 ft

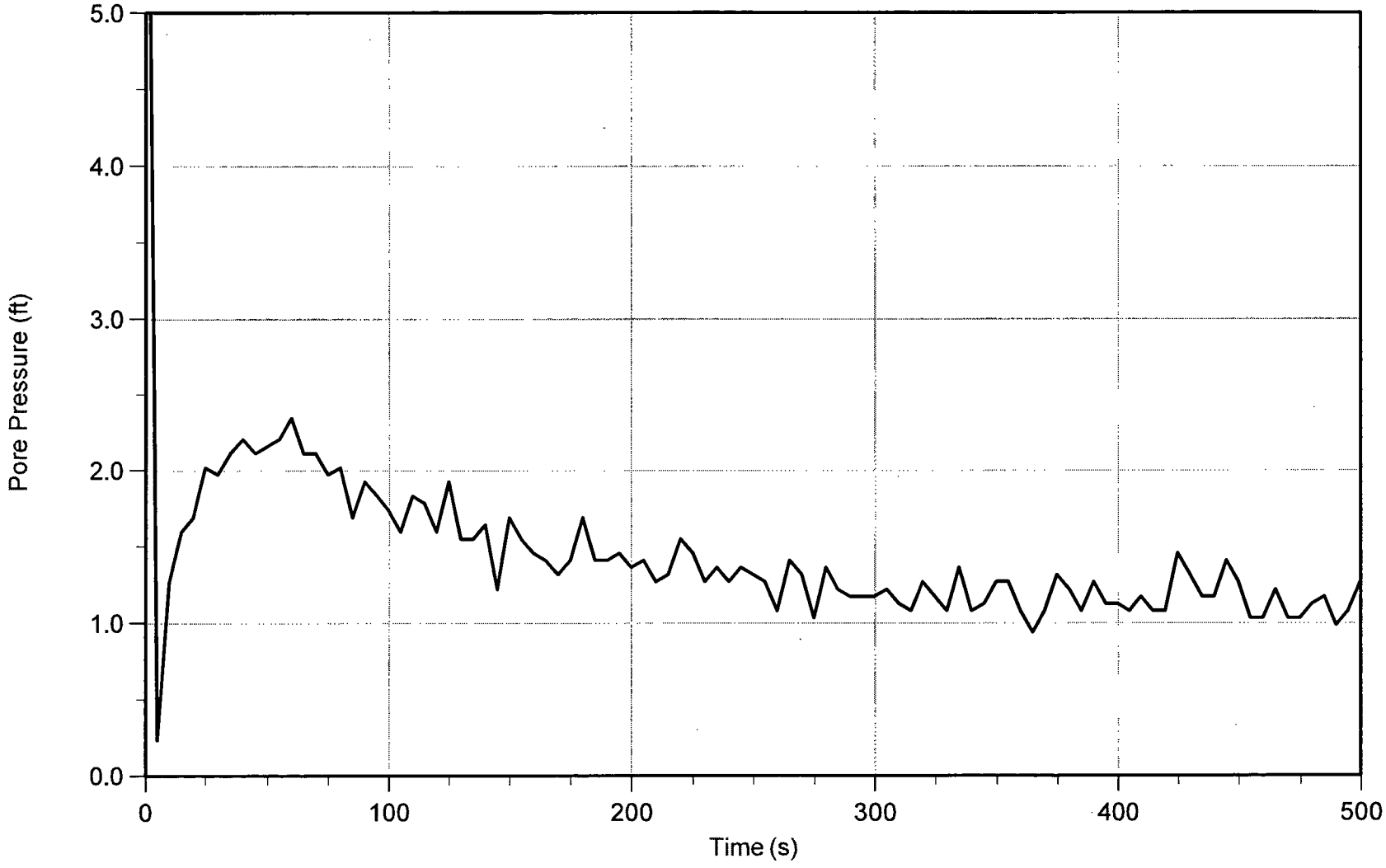
WT: 4.242 m / 13.918 ft
Ueq: 12.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 08:30:57
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-05
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP05.PPD
Depth: 11.550 m / 37.893 ft
Duration: 500.0 s

U Min: 0.2 ft
U Max: 8.2 ft

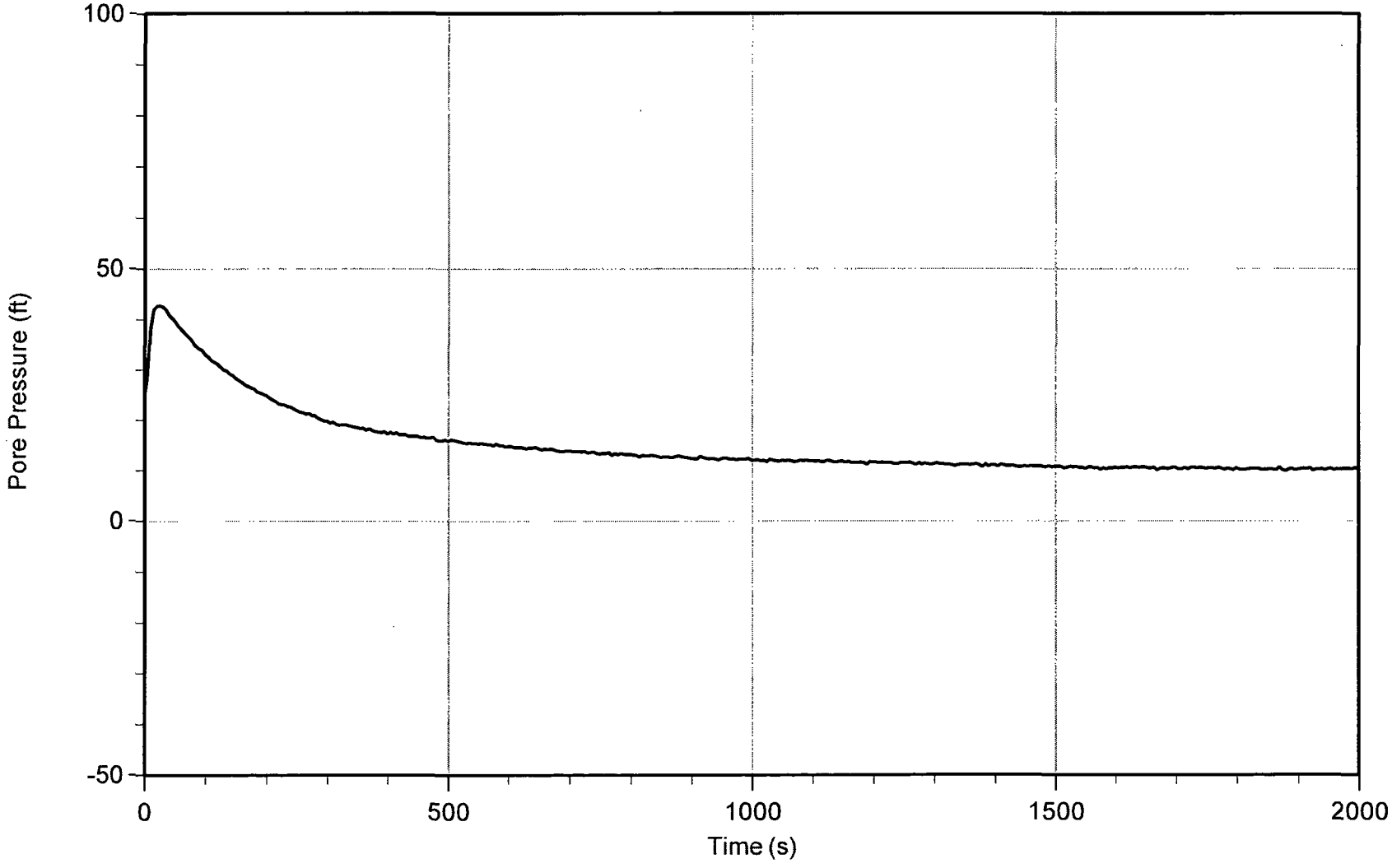
WT: 11.203 m / 36.755 ft
Ueq: 1.1 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 13:01:16
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-06
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP06.PPD
Depth: 6.300 m / 20.669 ft
Duration: 2000.0 s

U Min: 9.8 ft
U Max: 42.6 ft

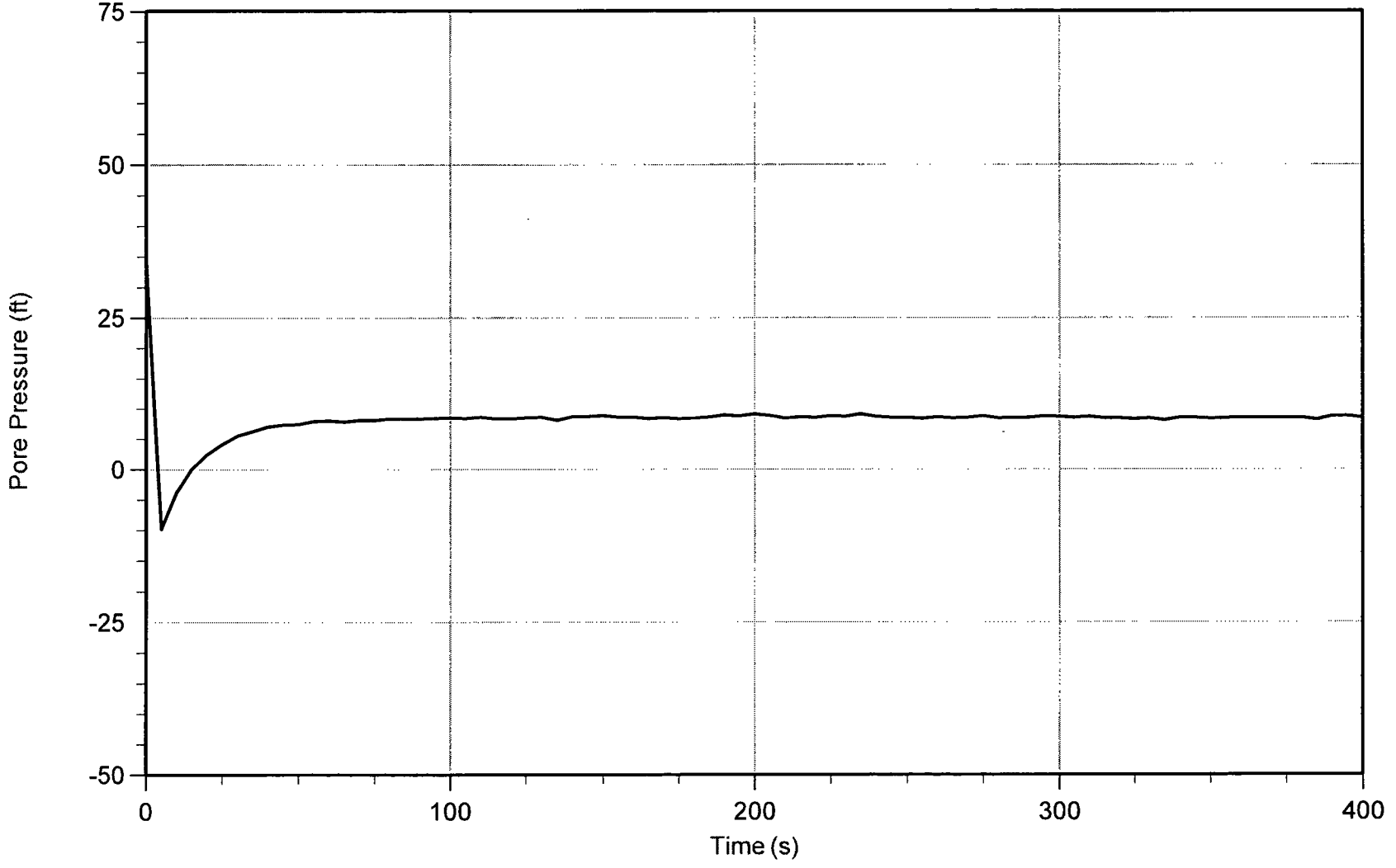
WT: 3.252 m / 10.669 ft
Ueq: 10.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 13:01:16
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-06
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP06.PPD
Depth: 11.050 m / 36.253 ft
Duration: 400.0 s

U Min: -9.9 ft
U Max: 34.1 ft

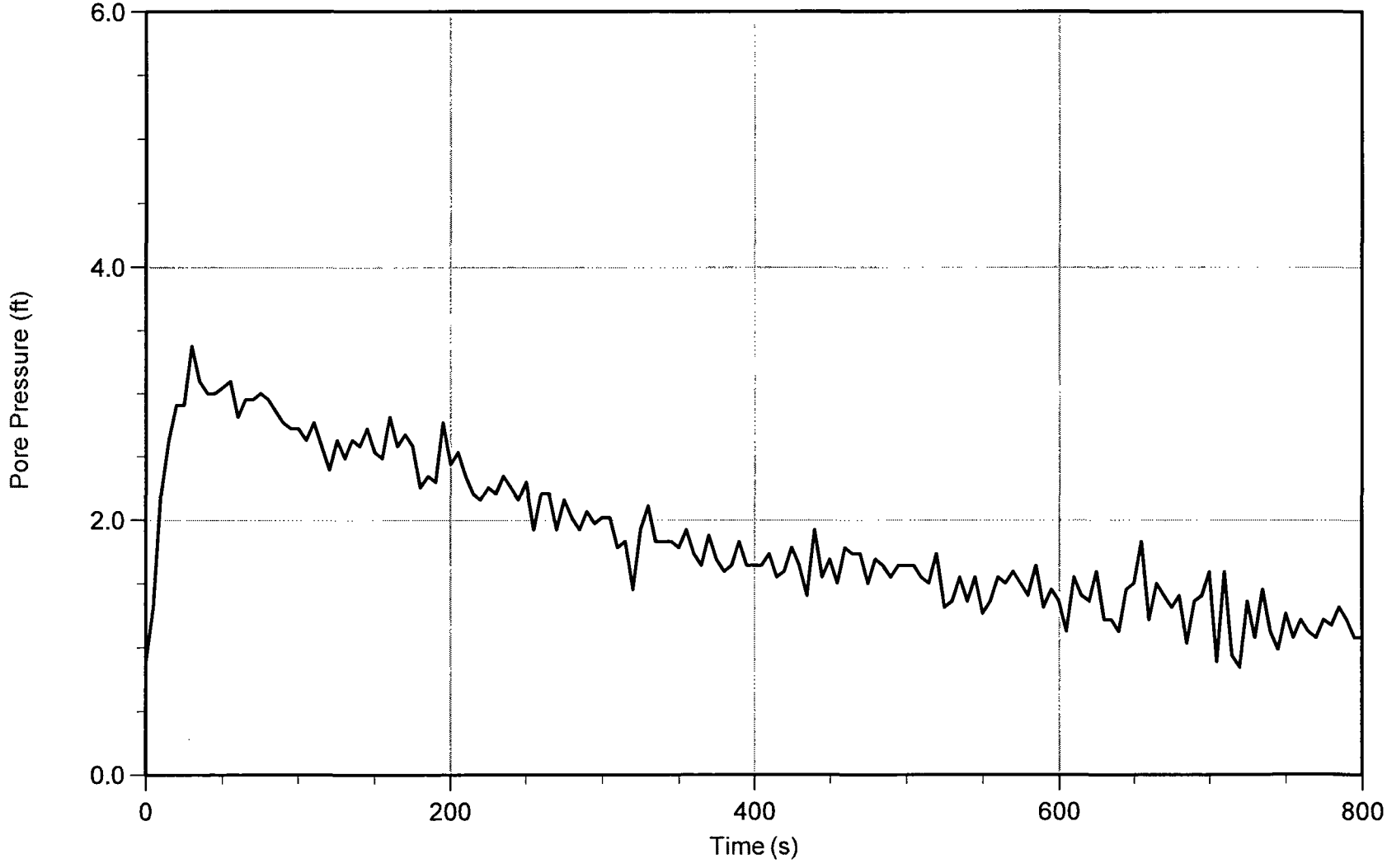
WT: 8.554 m / 28.063 ft
Ueq: 8.2 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 08-Nov-2013 11:13:46
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP07.PPD
Depth: 8.950 m / 29.363 ft
Duration: 800.0 s

U Min: 0.8 ft
U Max: 3.4 ft

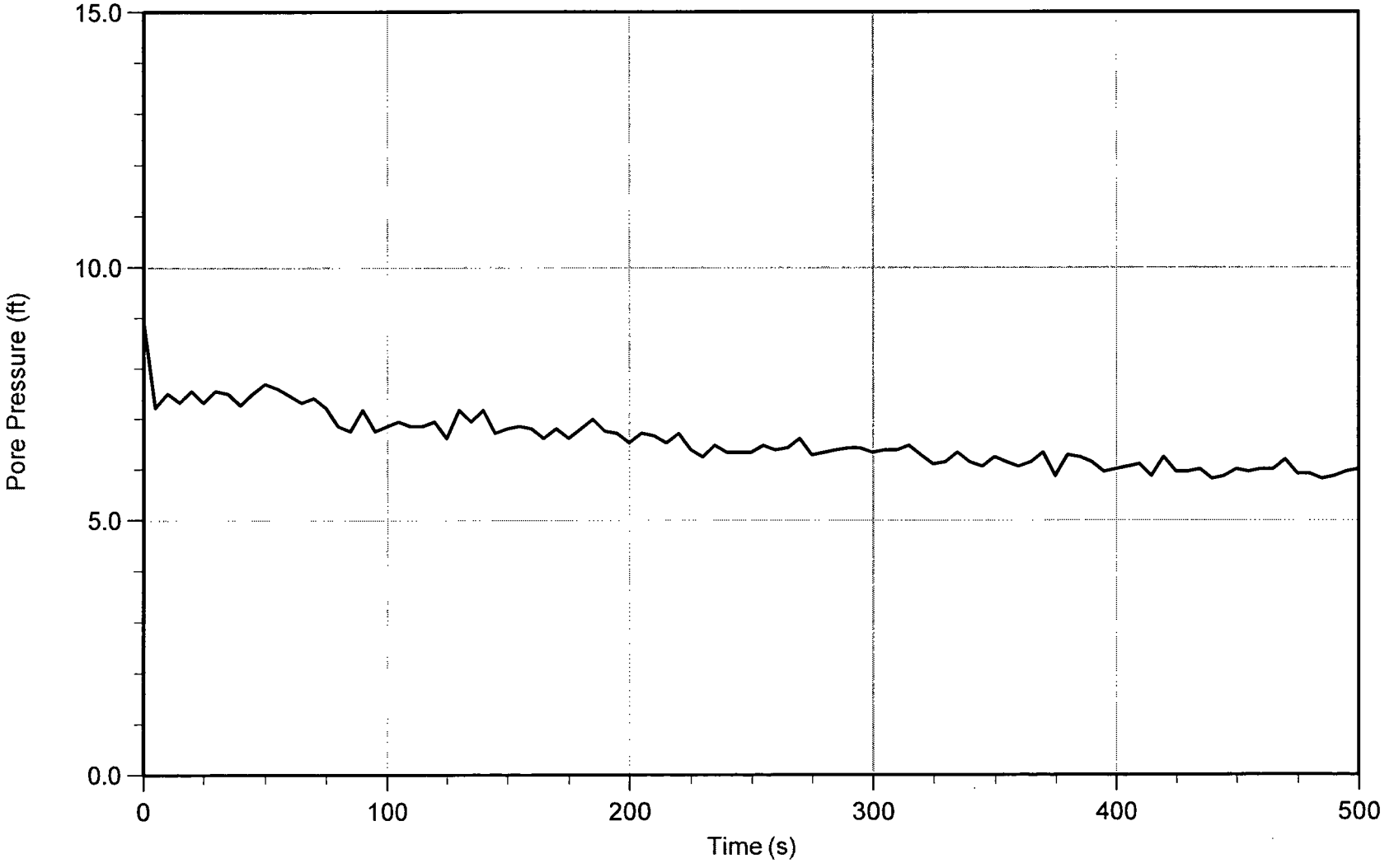
WT: 8.603 m / 28.225 ft
Ueq: 1.1 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 08-Nov-2013 11:13:46
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-07
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP07.PPD
Depth: 13.300 m / 43.635 ft
Duration: 500.0 s

U Min: 5.8 ft
U Max: 8.9 ft

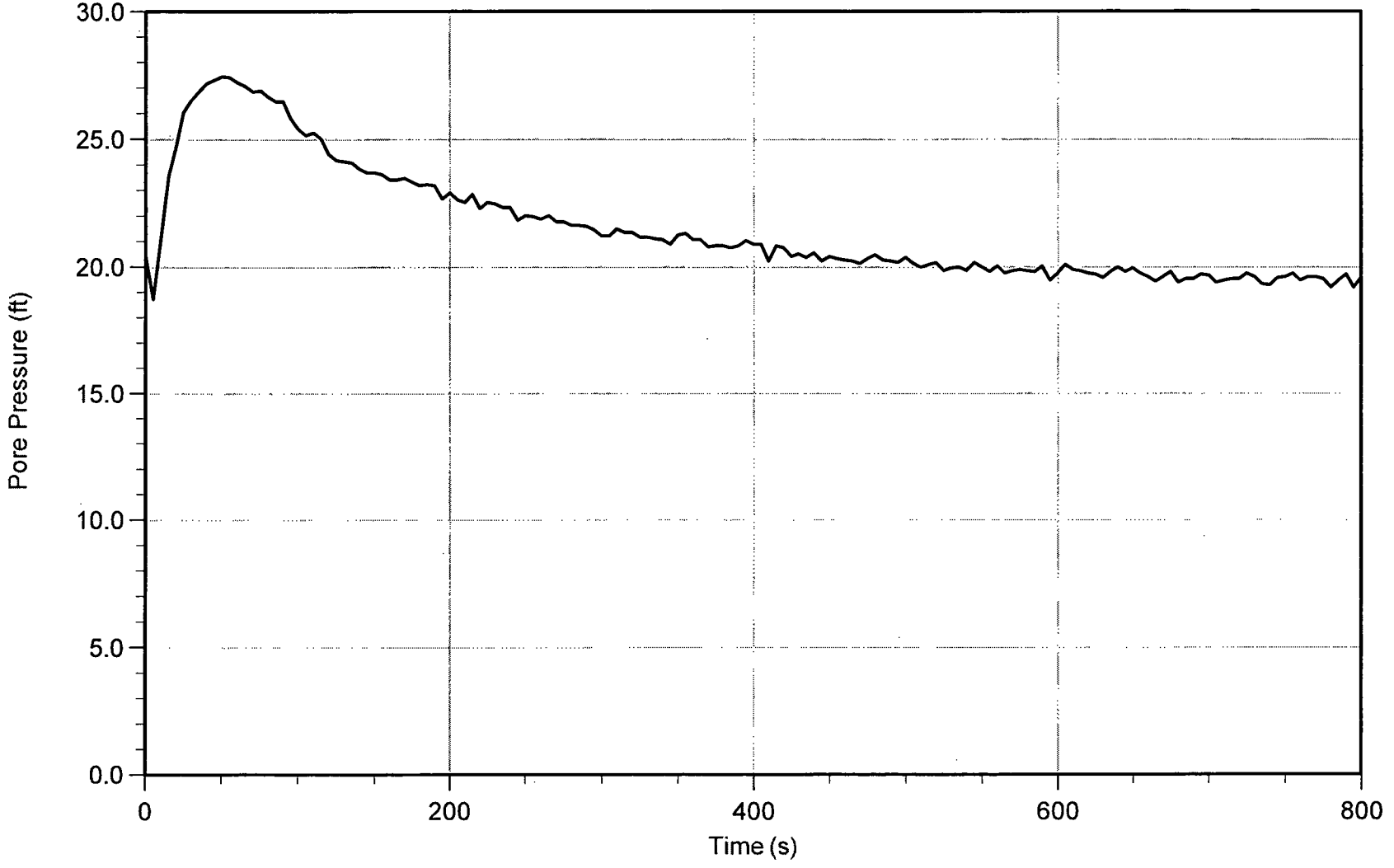
WT: 11.471 m / 37.635 ft
Ueq: 6.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 08:21:49
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP08.PPD
Depth: 9.650 m / 31.660 ft
Duration: 800.0 s

U Min: 18.7 ft
U Max: 27.5 ft

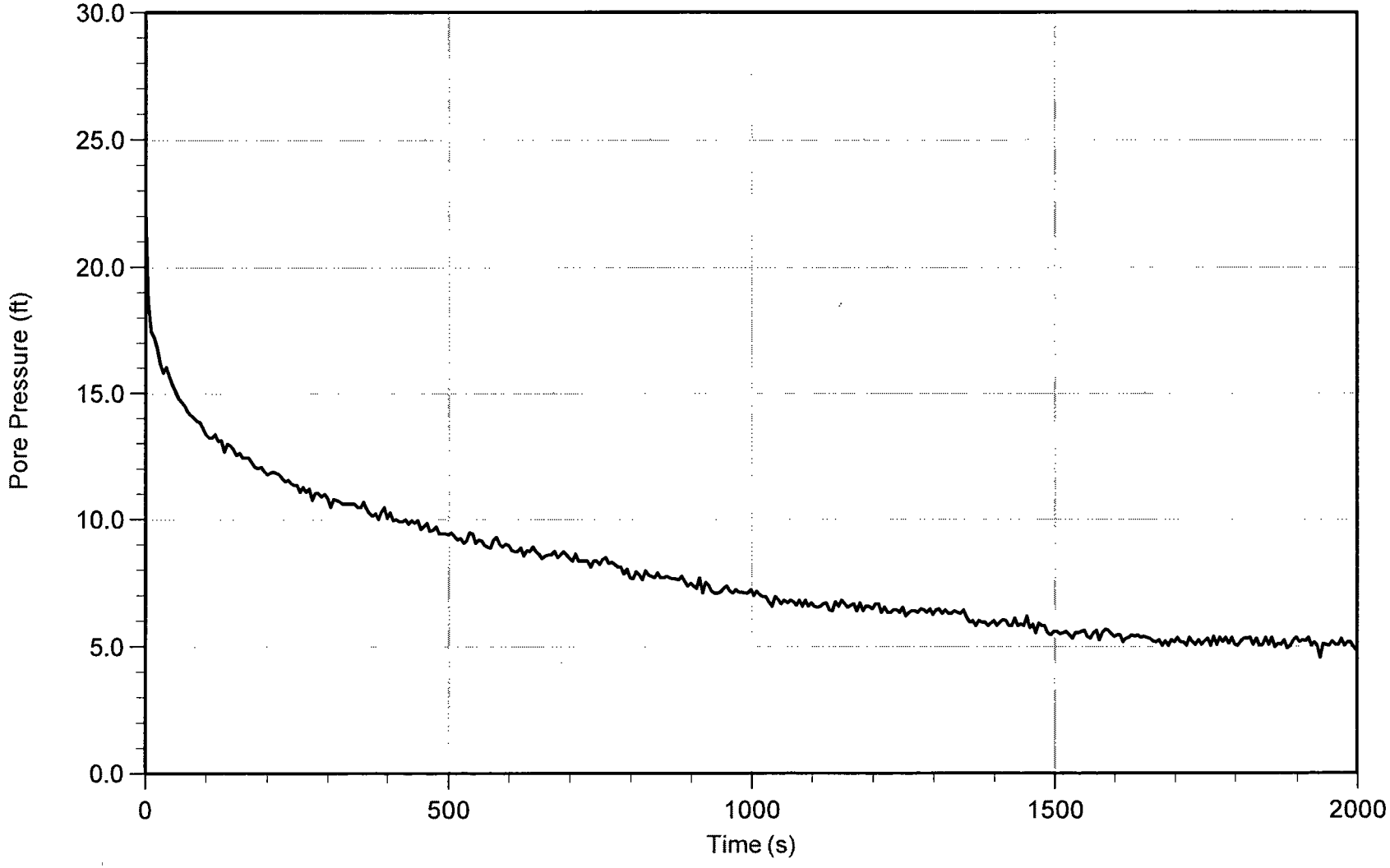
WT: 3.722 m / 12.212 ft
Ueq: 19.4 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 08:21:49
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-08
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP08.PPD
Depth: 16.650 m / 54.625 ft
Duration: 2010.0 s

U Min: 4.6 ft
U Max: 22.1 ft

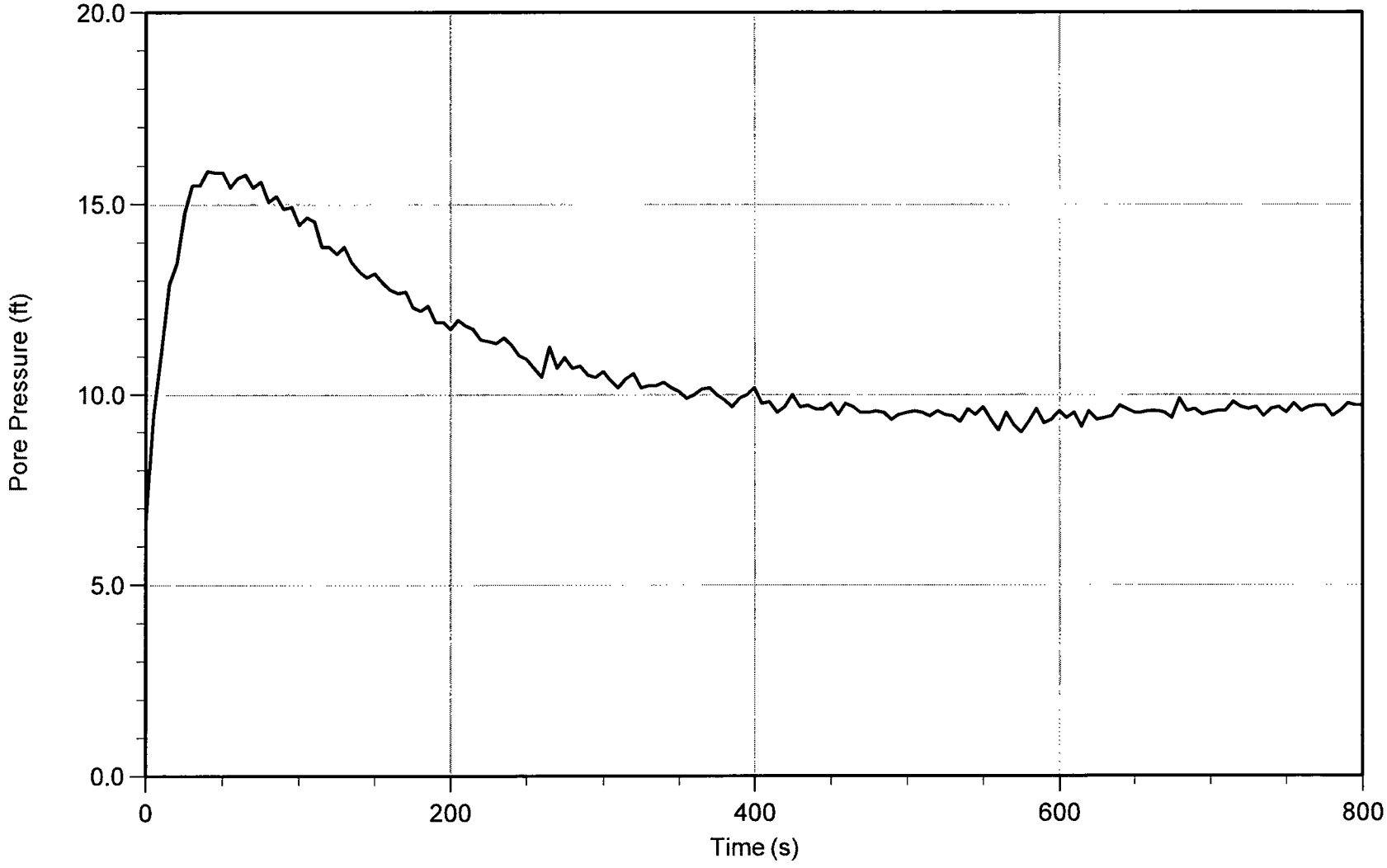
WT: 15.105 m / 49.556 ft
Ueq: 5.1 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 14:52:26
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-09
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP09.PPD
Depth: 8.100 m / 26.574 ft
Duration: 800.0 s

U Min: 6.7 ft
U Max: 15.9 ft

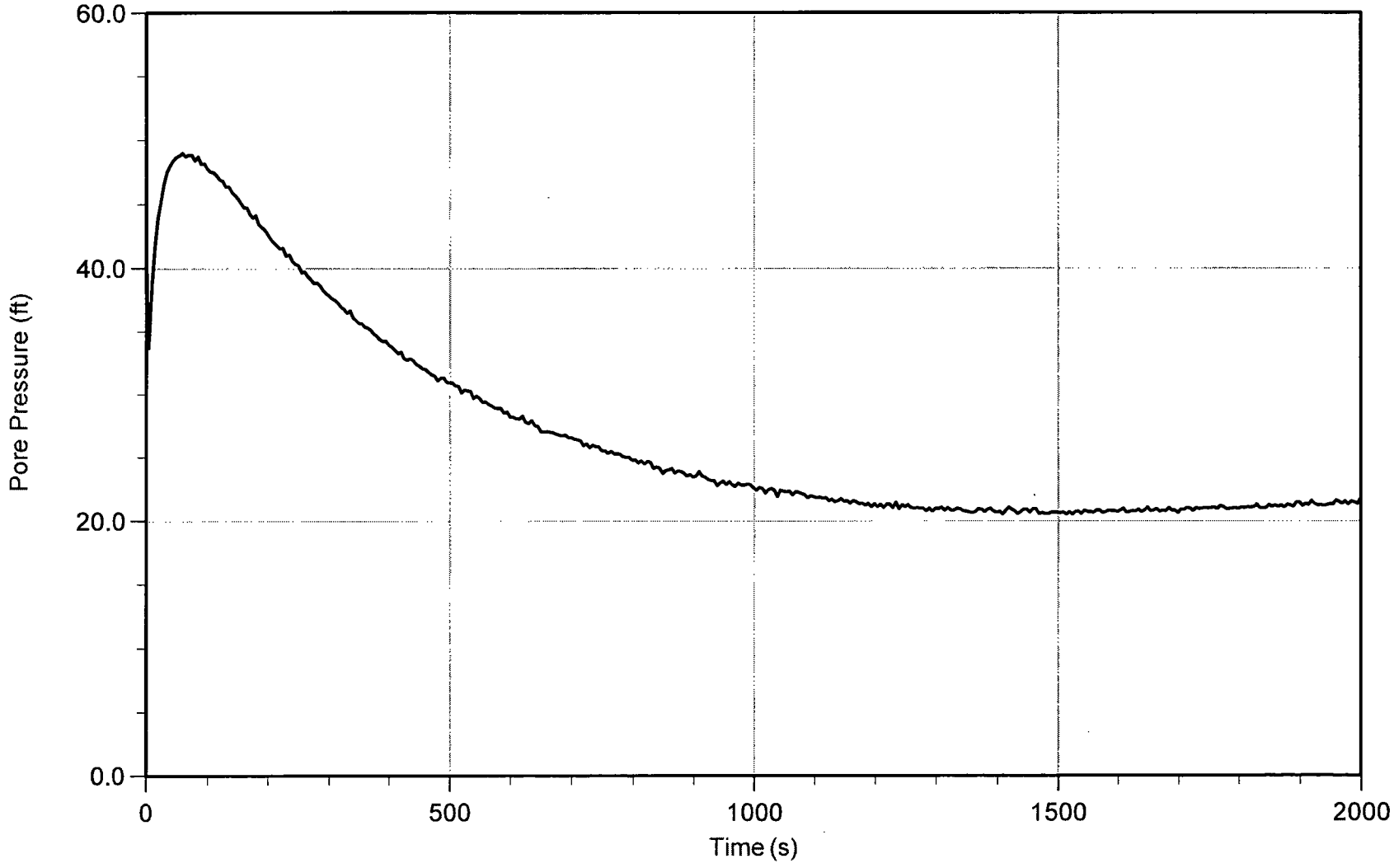
WT: 5.178 m / 16.988 ft
Ueq: 9.6 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 10:23:48
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP10.PPD
Depth: 6.700 m / 21.981 ft
Duration: 2000.0 s

U Min: 20.5 ft
U Max: 49.0 ft

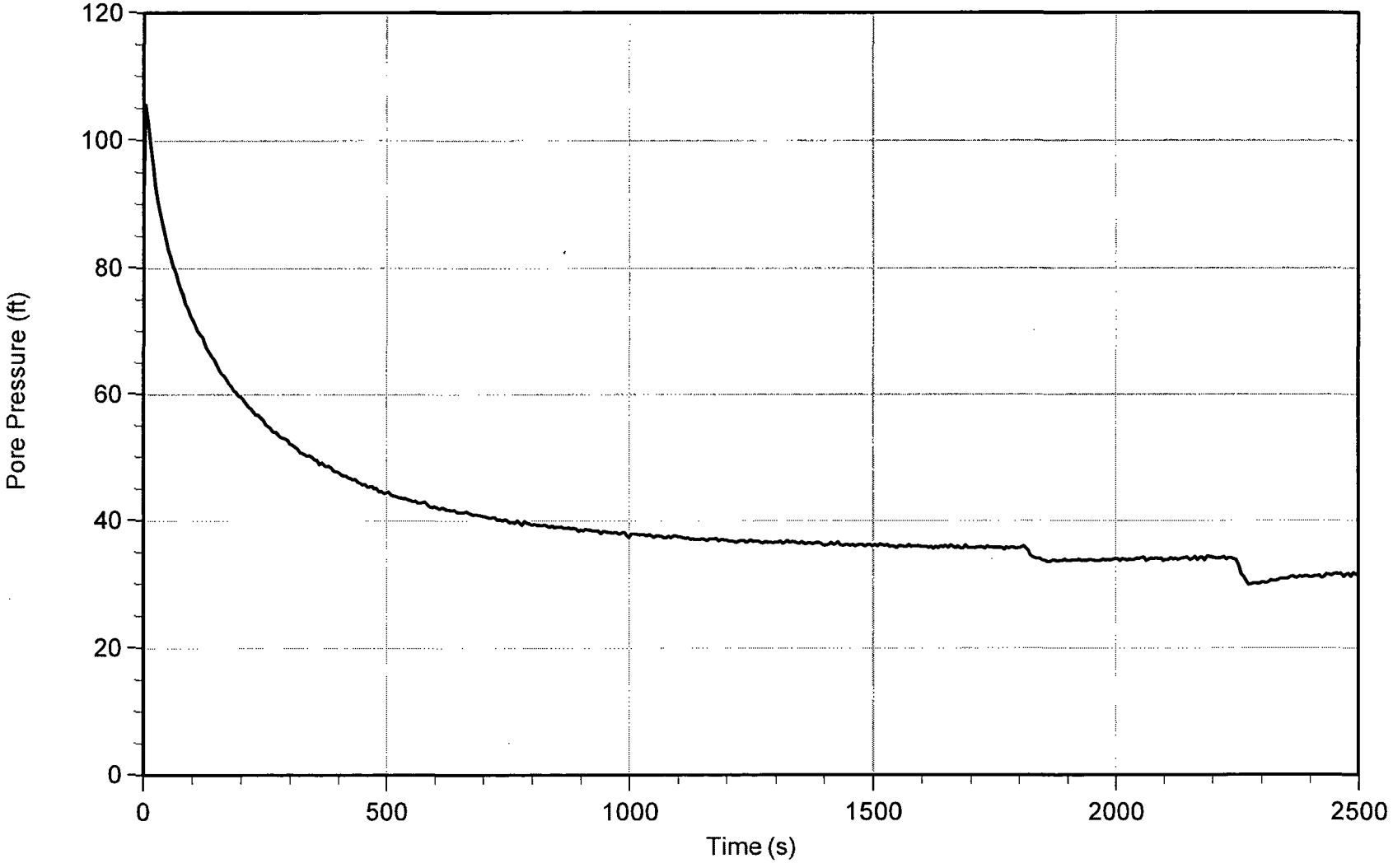
WT: 0.205 m / 0.671 ft
Ueq: 21.3 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 10:23:48
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-10
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP10.PPD
Depth: 11.200 m / 36.745 ft
Duration: 2500.0 s

U Min: 29.9 ft
U Max: 105.5 ft

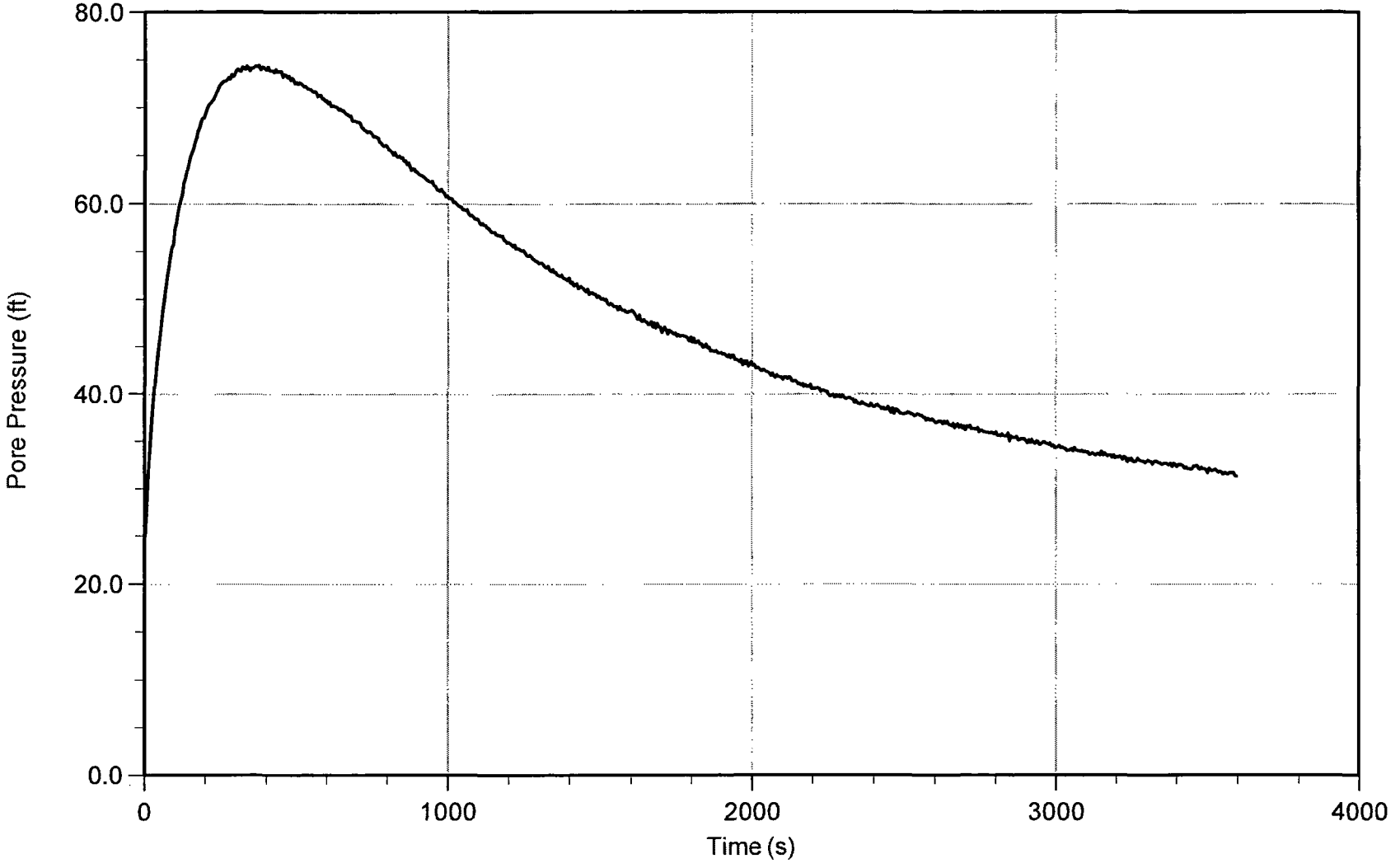
WT: 1.615 m / 5.297 ft
Ueq: 31.4 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 12:13:16
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP11.PPD
Depth: 16.200 m / 53.149 ft
Duration: 3600.0 s

U Min: 25.1 ft
U Max: 74.4 ft

WT: 15.088 m / 49.500 ft
Ueq: 3.6 ft
U(50): 39.04 ft

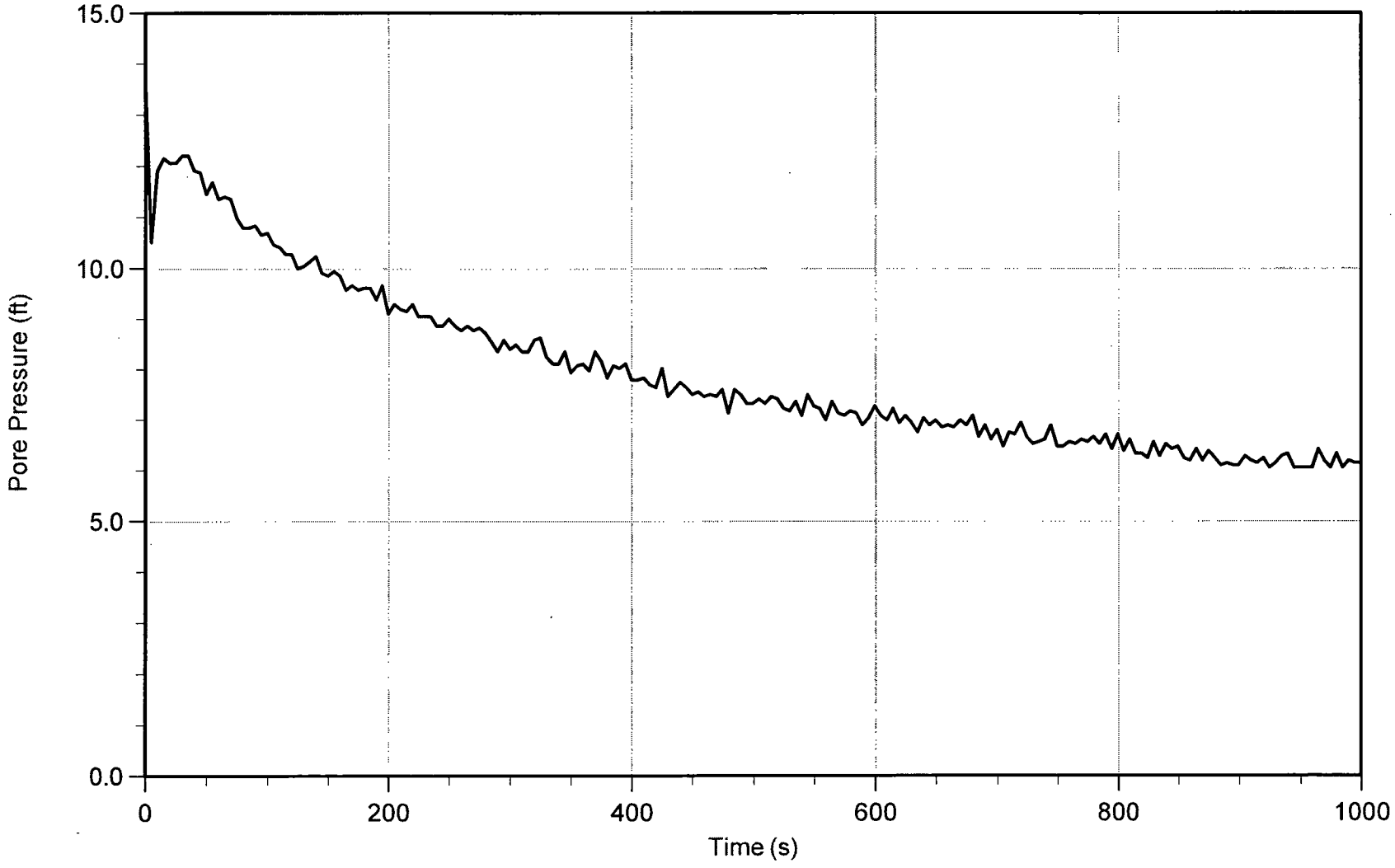
T(50): 1975.3 s

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 12:13:16
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-11
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP11.PPD
Depth: 16.950 m / 55.610 ft
Duration: 1000.0 s

U Min: 6.1 ft
U Max: 13.5 ft

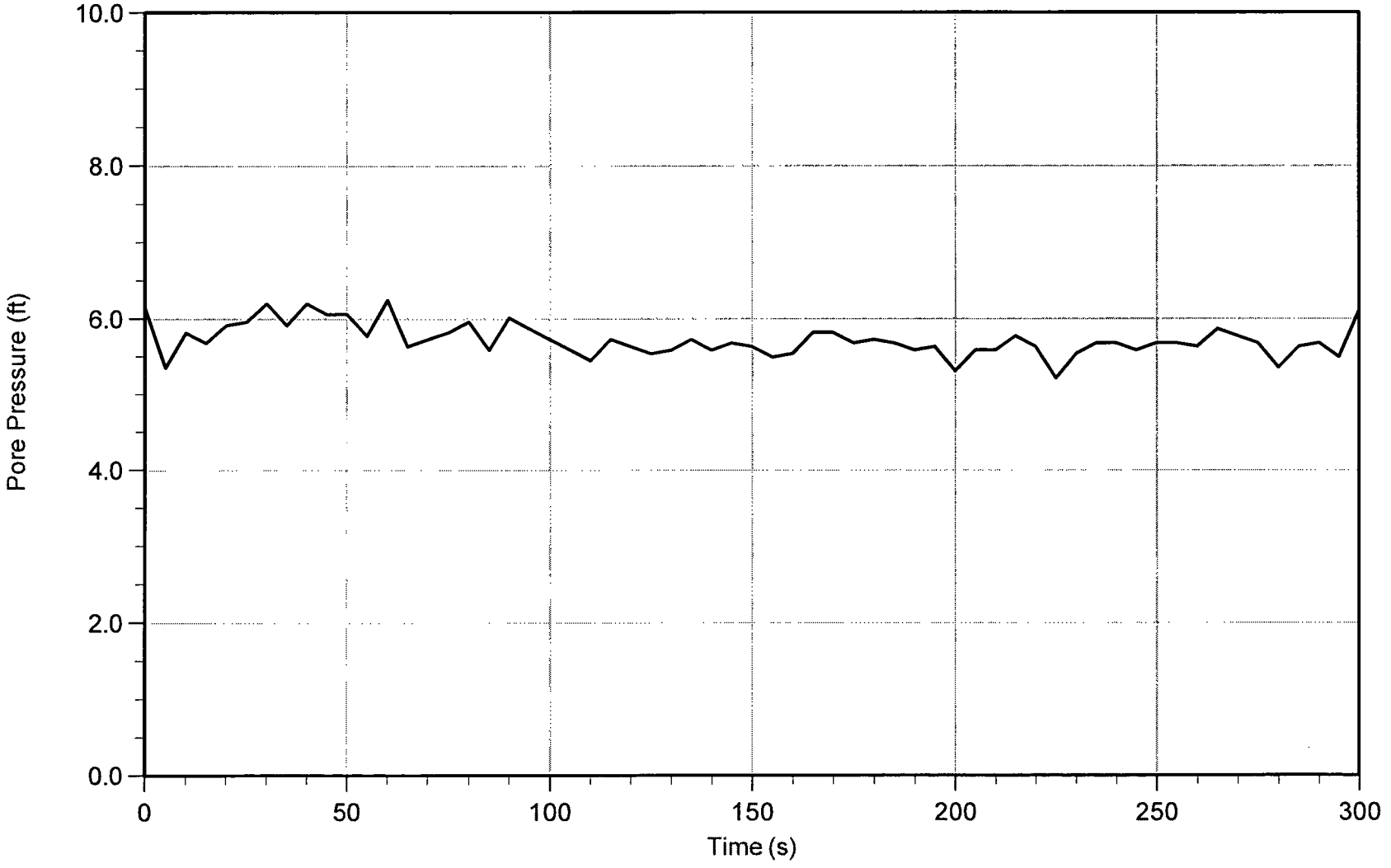
WT: 15.074 m / 49.454 ft
Ueq: 6.2 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 07-Nov-2013 10:22:20
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-12
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP12.PPD
Depth: 12.350 m / 40.518 ft
Duration: 300.0 s

U Min: 5.2 ft
U Max: 6.2 ft

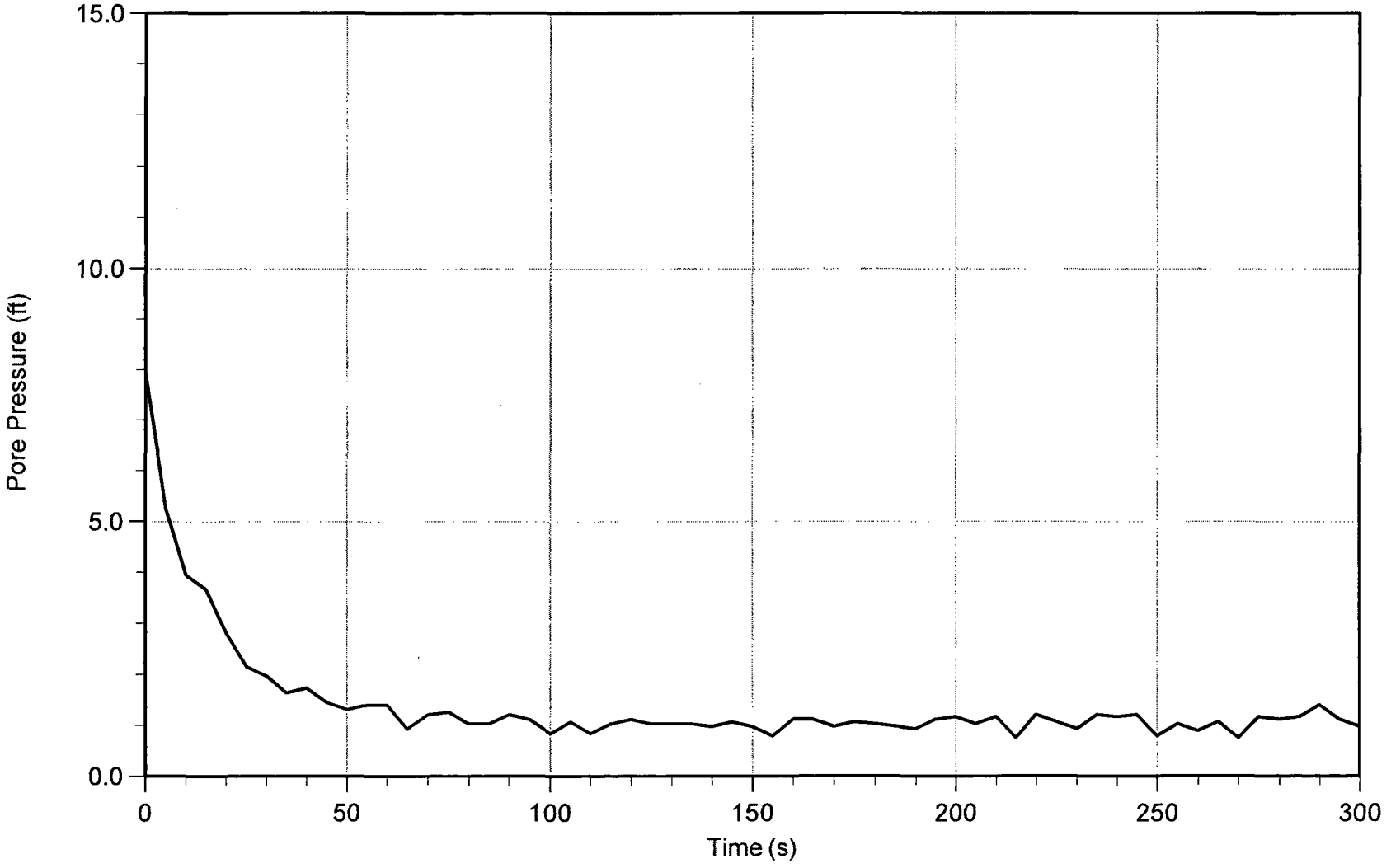
WT: 10.647 m / 34.932 ft
Ueq: 5.6 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 08-Nov-2013 14:30:14
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-14
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP14.PPD
Depth: 6.700 m / 21.981 ft
Duration: 300.0 s

U Min: 0.8 ft
U Max: 7.9 ft

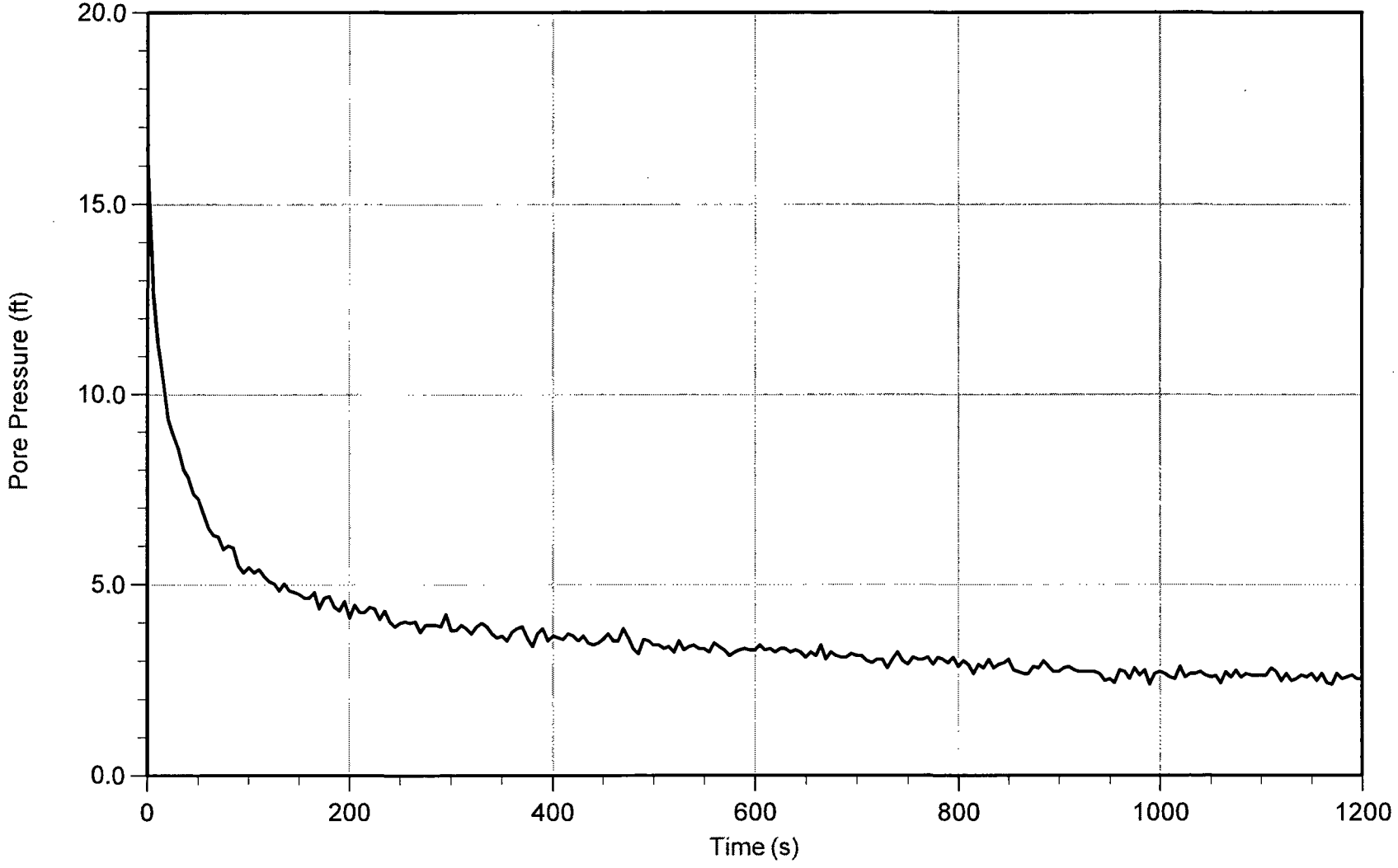
WT: 6.400 m / 20.999 ft
Ueq: 1.0 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 06-Nov-2013 16:32:17
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-15
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP15.PPD
Depth: 11.550 m / 37.893 ft
Duration: 1200.0 s

U Min: 2.4 ft
U Max: 16.1 ft

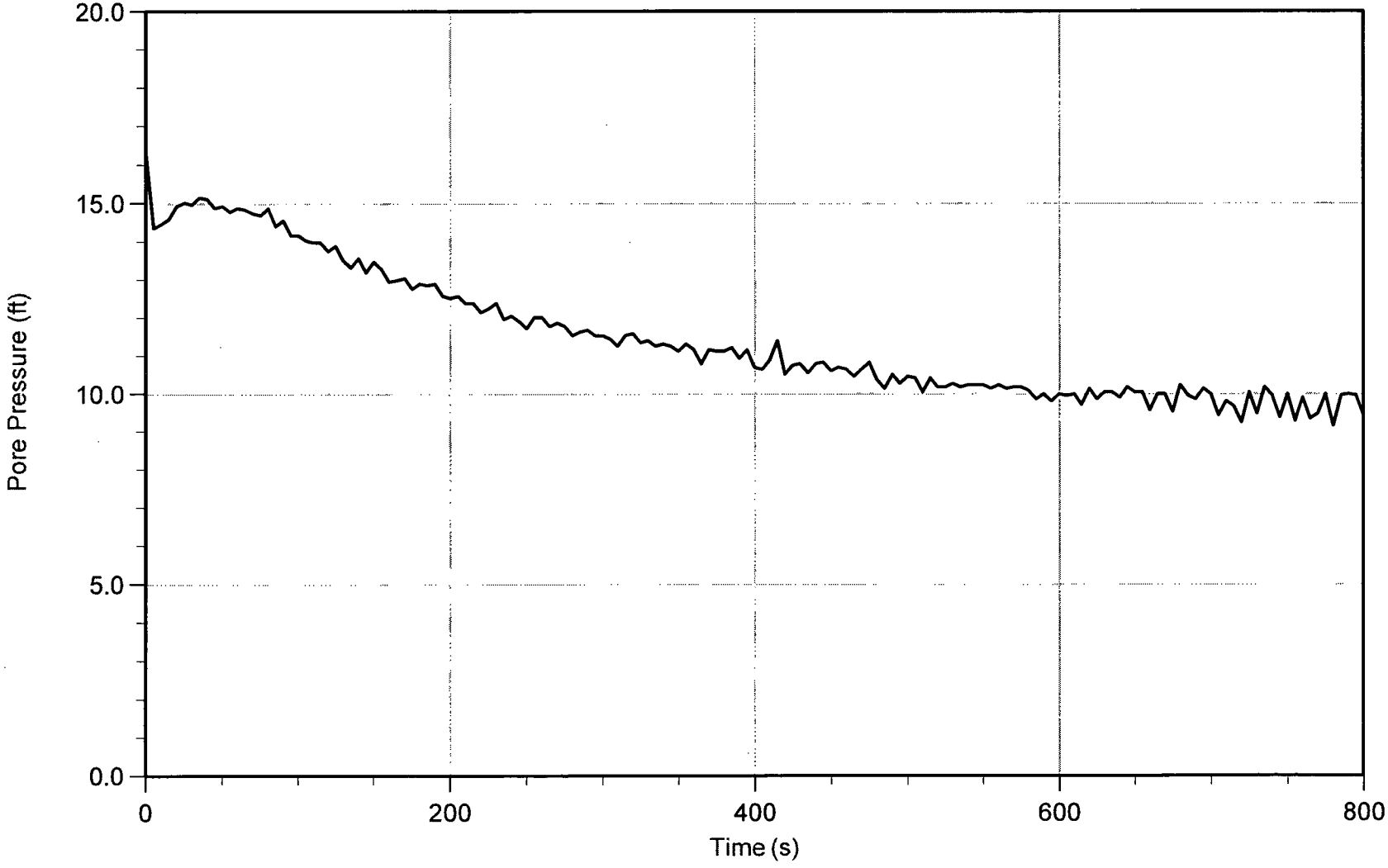
WT: 10.772 m / 35.342 ft
Ueq: 2.6 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 08-Nov-2013 12:56:11
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-16
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP16.PPD
Depth: 13.350 m / 43.799 ft
Duration: 800.0 s

U Min: 9.2 ft
U Max: 16.3 ft

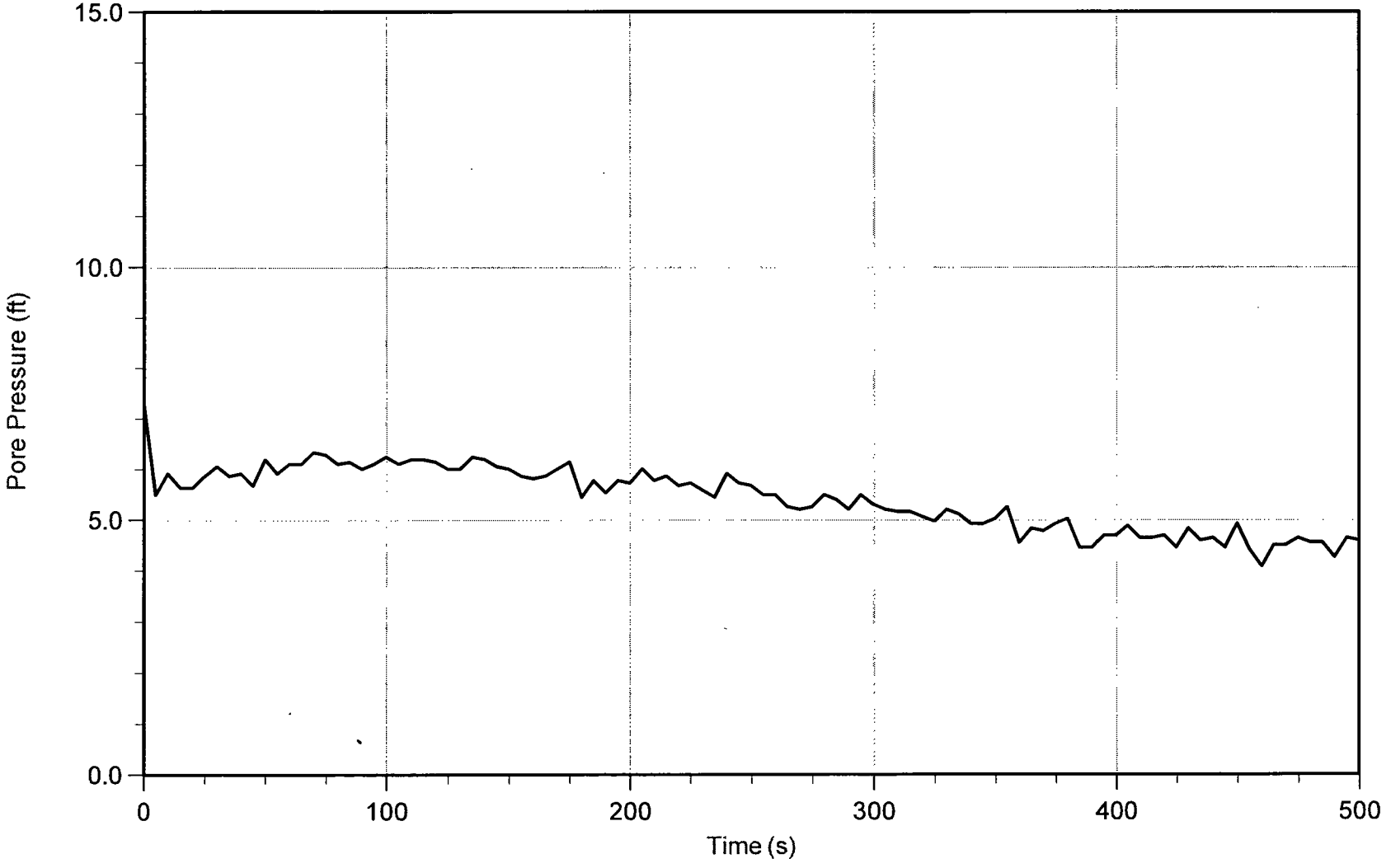
WT: 10.407 m / 34.144 ft
Ueq: 9.7 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 09-Nov-2013 10:46:19
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-18
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP18.PPD
Depth: 9.350 m / 30.675 ft
Duration: 500.0 s

U Min: 4.1 ft
U Max: 7.3 ft

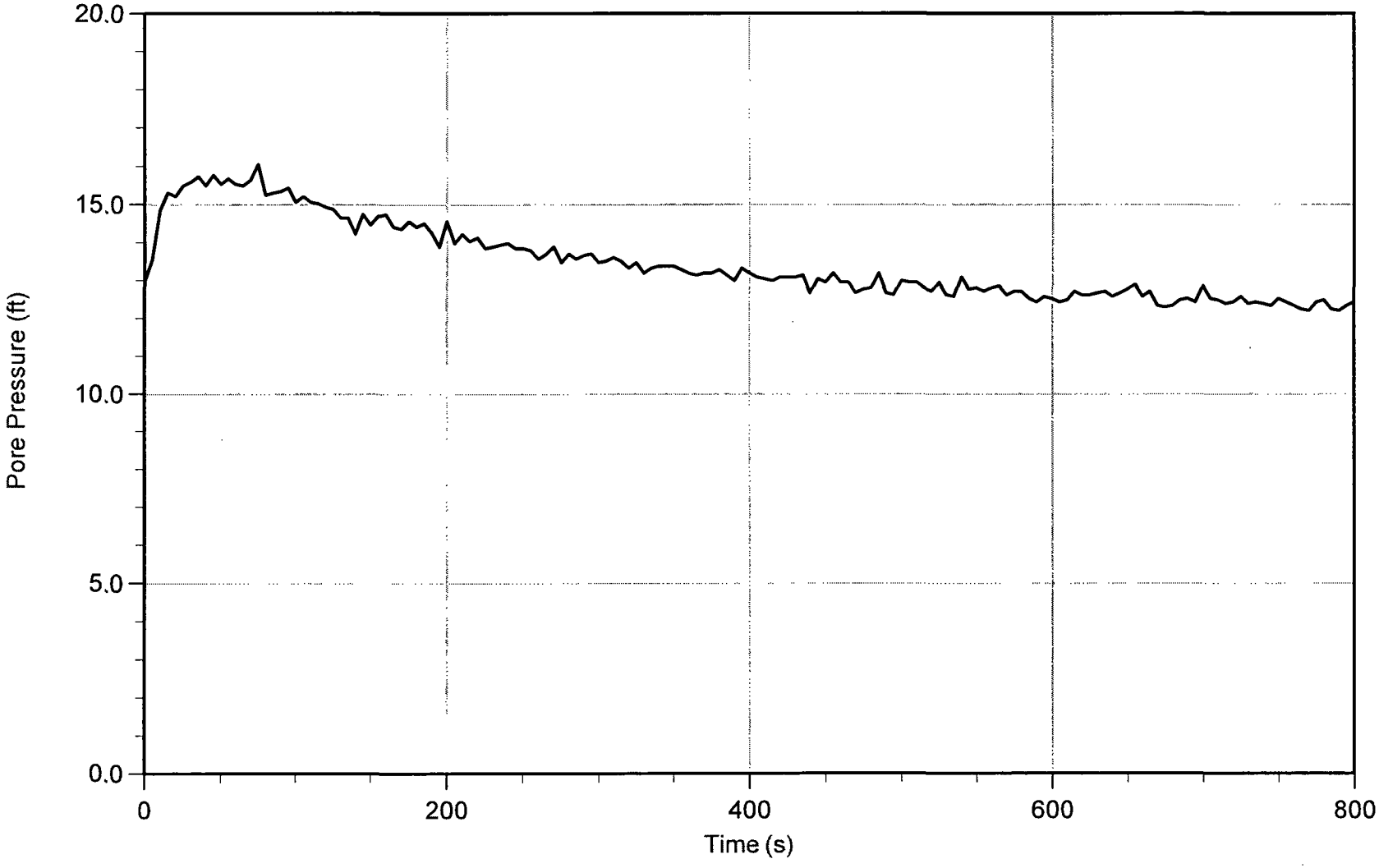
WT: 7.963 m / 26.124 ft
Ueq: 4.6 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 09-Nov-2013 10:46:19
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-18
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP18.PPD
Depth: 14.000 m / 45.931 ft
Duration: 800.0 s

U Min: 12.2 ft
U Max: 16.1 ft

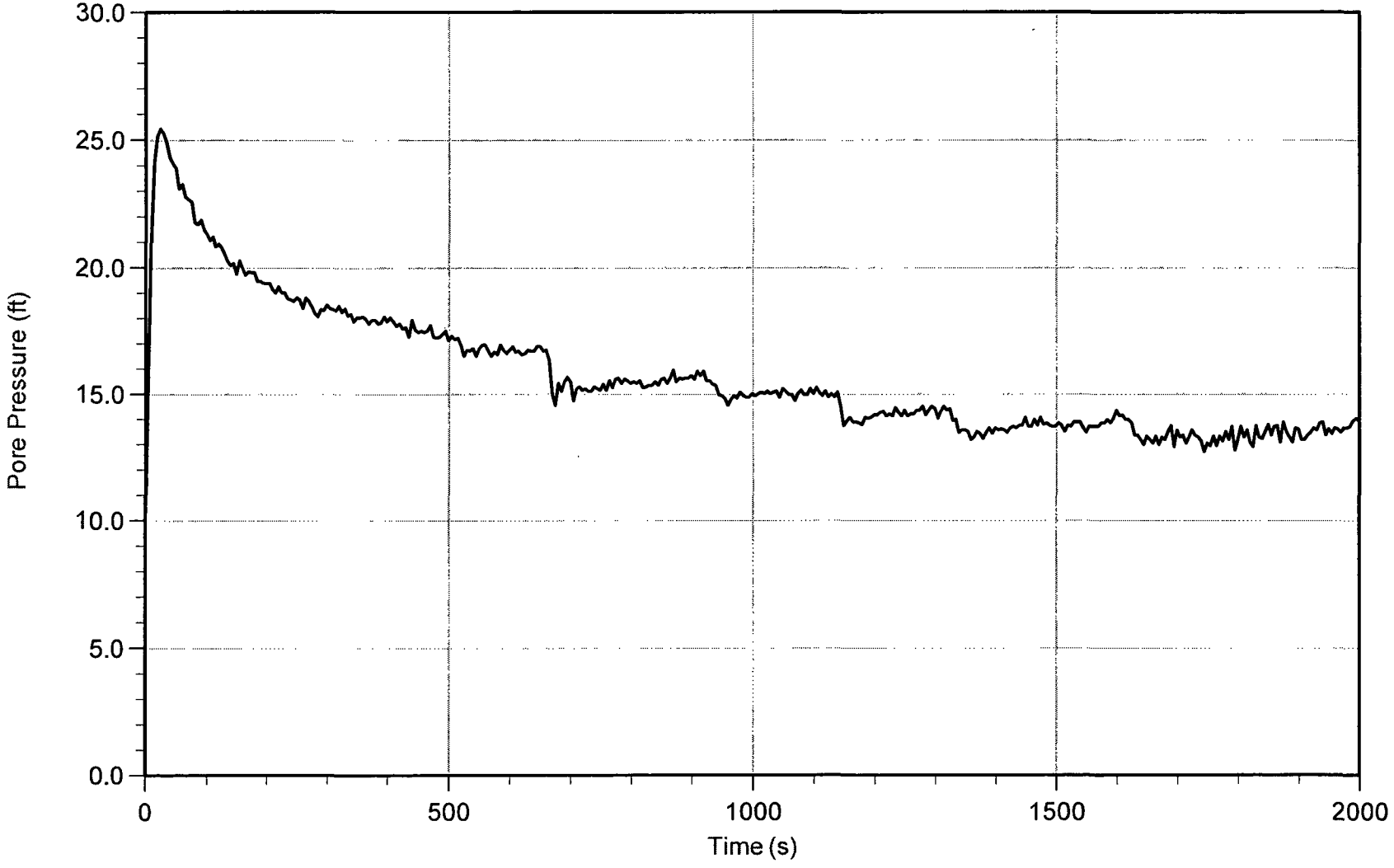
WT: 10.237 m / 33.587 ft
Ueq: 12.3 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 09-Nov-2013 11:56:27
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-19
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP19.PPD
Depth: 12.050 m / 39.534 ft
Duration: 2000.0 s

U Min: 10.0 ft
U Max: 25.4 ft

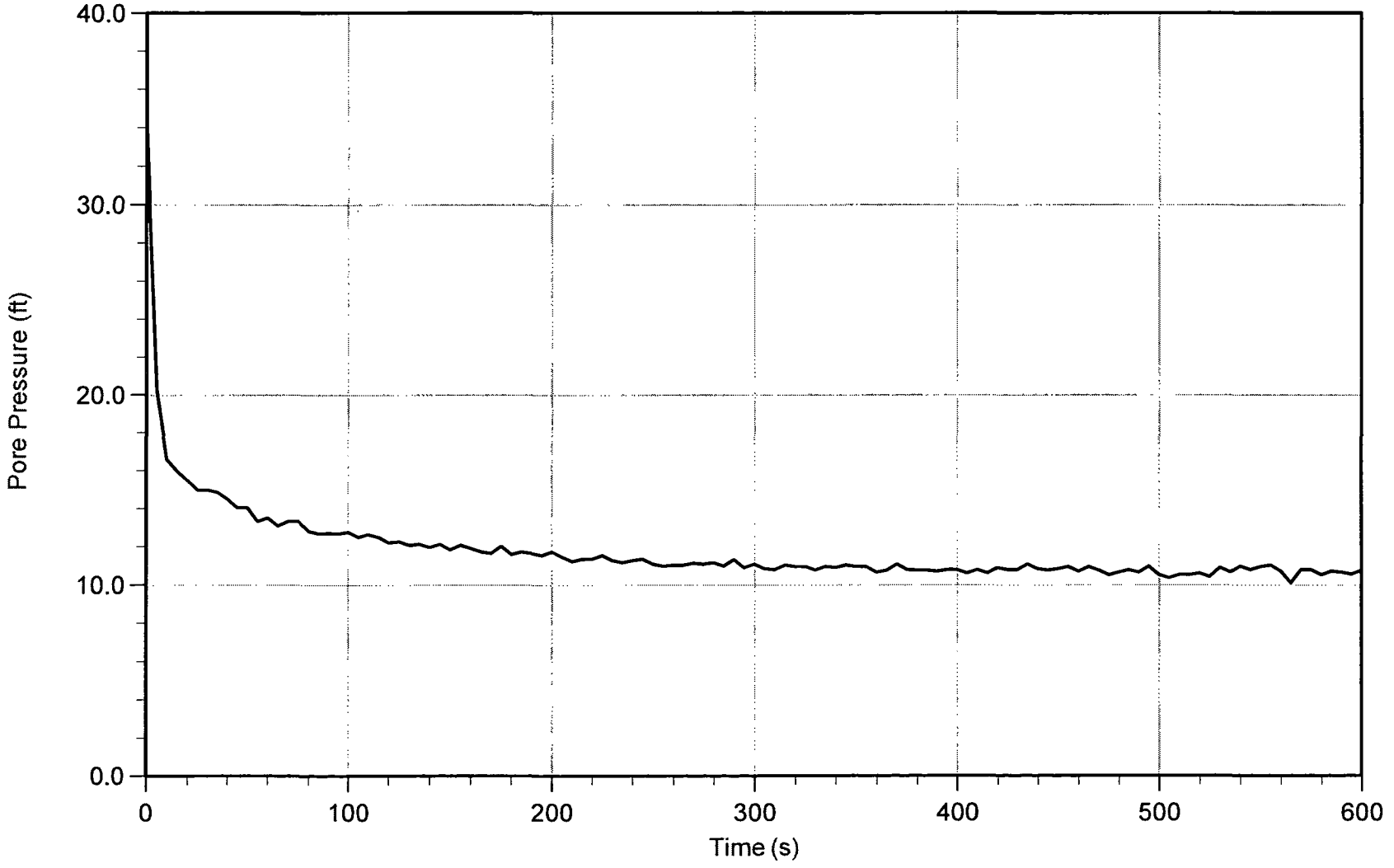
WT: 7.982 m / 26.189 ft
Ueq: 13.3 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 10-Nov-2013 11:54:14
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-22
Cone: 155
Cone Area: 15 sq cm



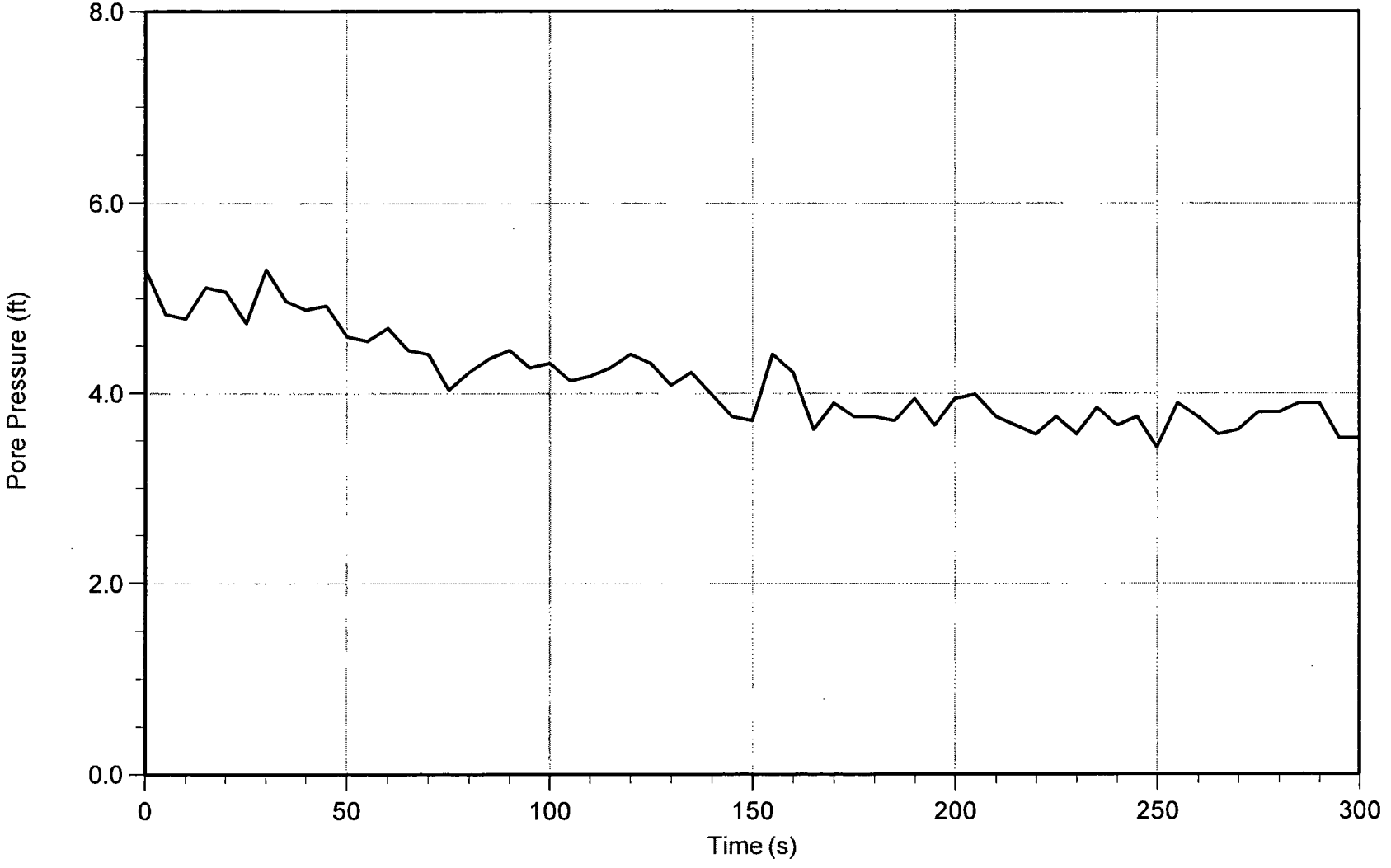
Trace Summary:

Filename: 13-52118_RP22.PPD
Depth: 12.500 m / 41.010 ft
Duration: 600.0 s

U Min: 10.1 ft
U Max: 34.3 ft

WT: 9.263 m / 30.389 ft
Ueq: 10.6 ft

CONETEC	MWH Americas	Job No: 13-52118 Date: 08-Nov-2013 16:21:35 Site: CHURCH ROCK MILL SITE TSF	Sounding: RCPT-23 Cone: 155 Cone Area: 15 sq cm



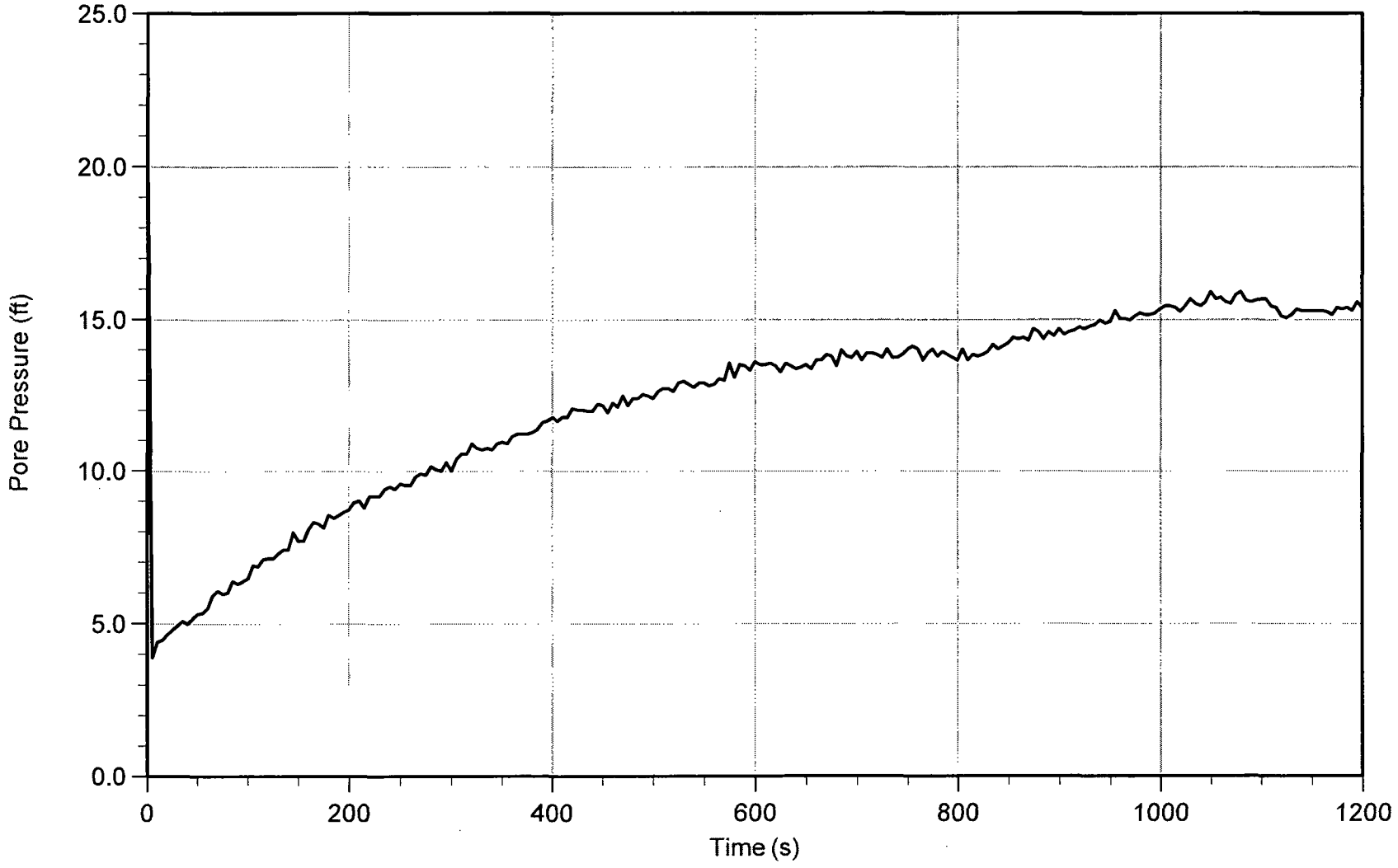
Trace Summary:	Filename: 13-52118_RP23.PPD Depth: 10.400 m / 34.120 ft Duration: 300.0 s	U Min: 3.4 ft U Max: 5.3 ft	WT: 9.282 m / 30.451 ft Ueq: 3.7 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 09-Nov-2013 09:25:08
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-26
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP26.PPD
Depth: 7.900 m / 25.918 ft
Duration: 1200.0 s

U Min: 3.9 ft
U Max: 20.8 ft

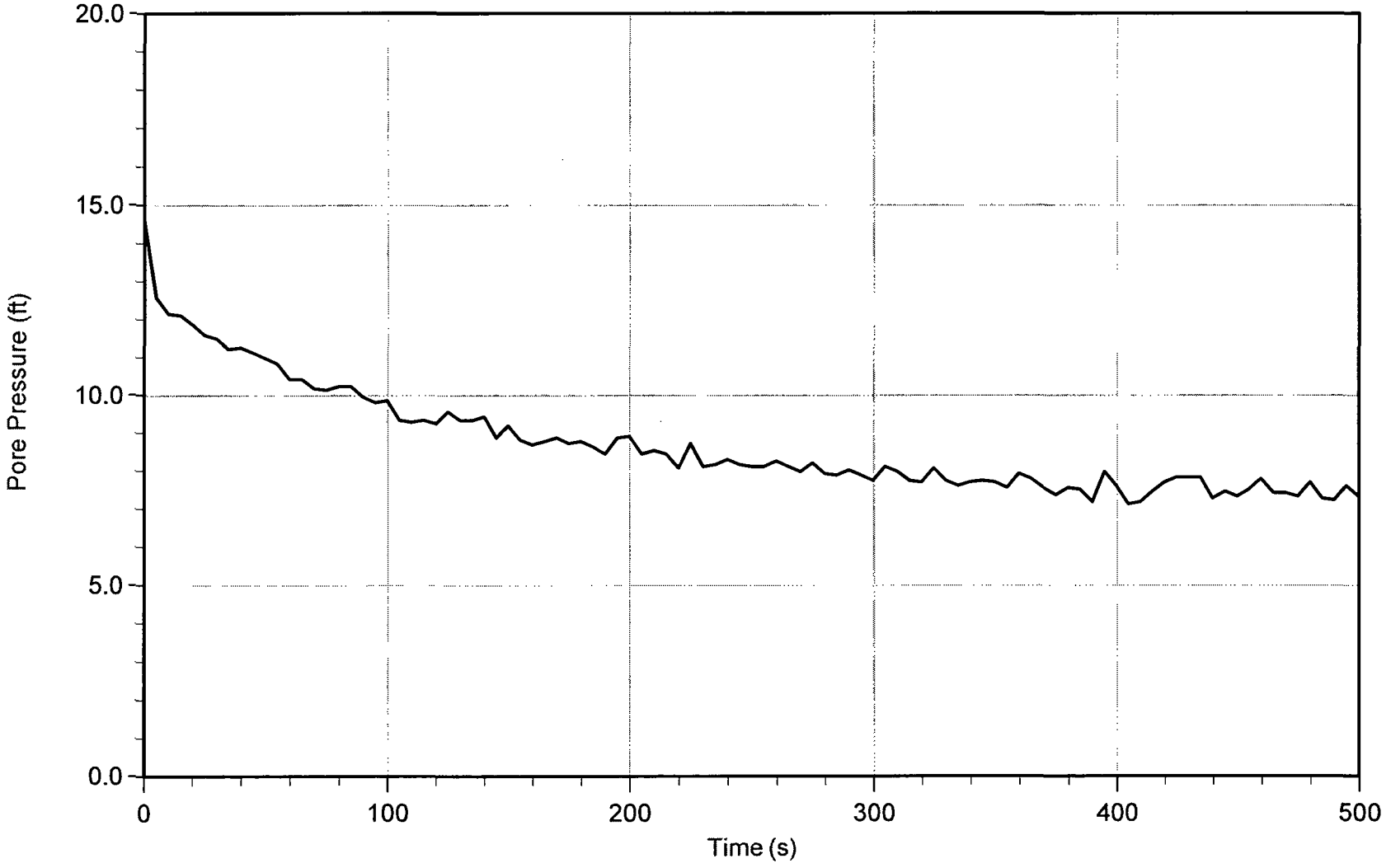
WT: 3.249 m / 10.660 ft
Ueq: 15.3 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 10-Nov-2013 08:17:14
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-28
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP28.PPD
Depth: 20.700 m / 67.913 ft
Duration: 500.0 s

U Min: 7.1 ft
U Max: 14.6 ft

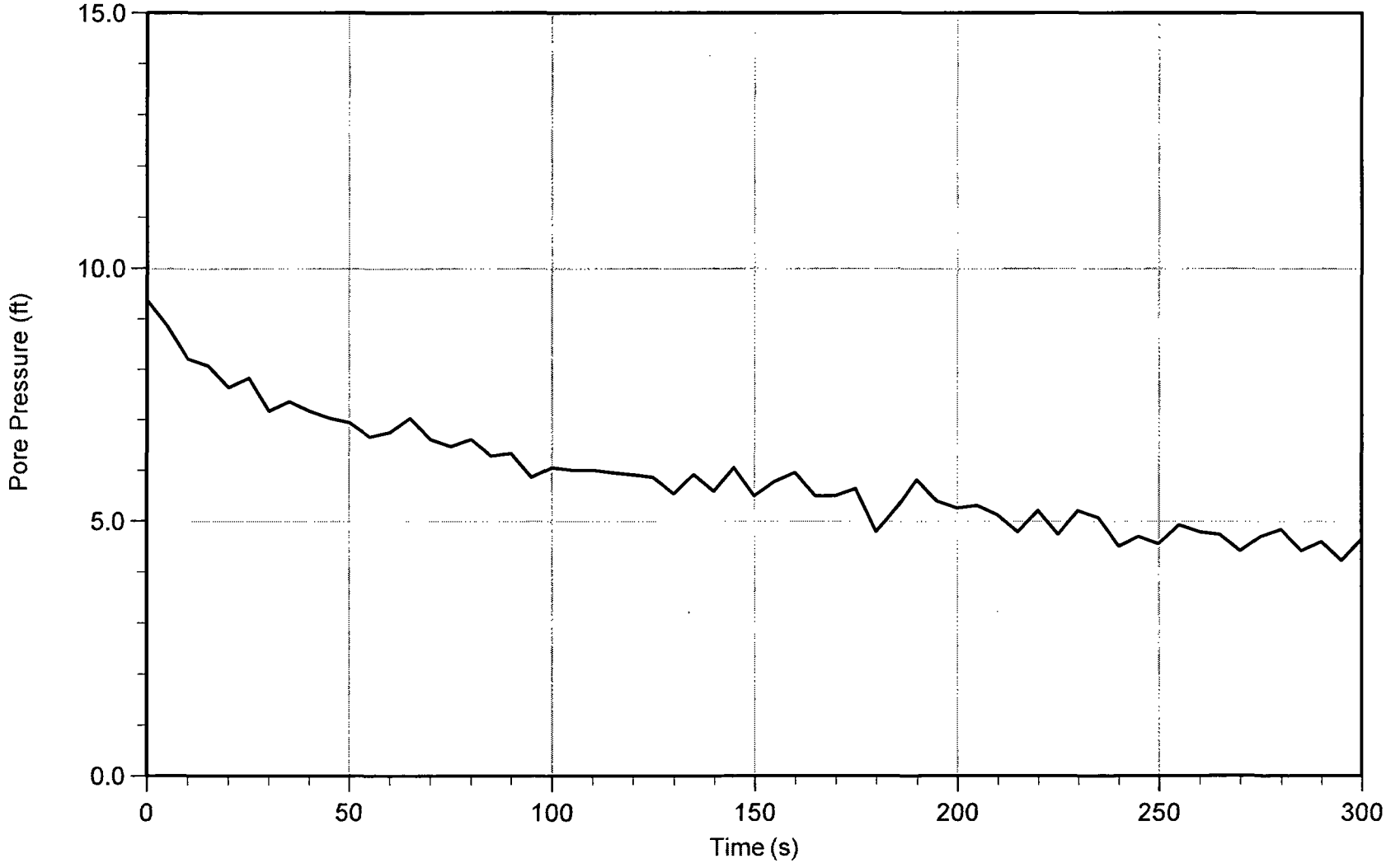
WT: 18.430 m / 60.464 ft
Ueq: 7.4 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 10-Nov-2013 13:10:58
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-31
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP31.PPD
Depth: 16.550 m / 54.297 ft
Duration: 300.0 s

U Min: 4.2 ft
U Max: 9.4 ft

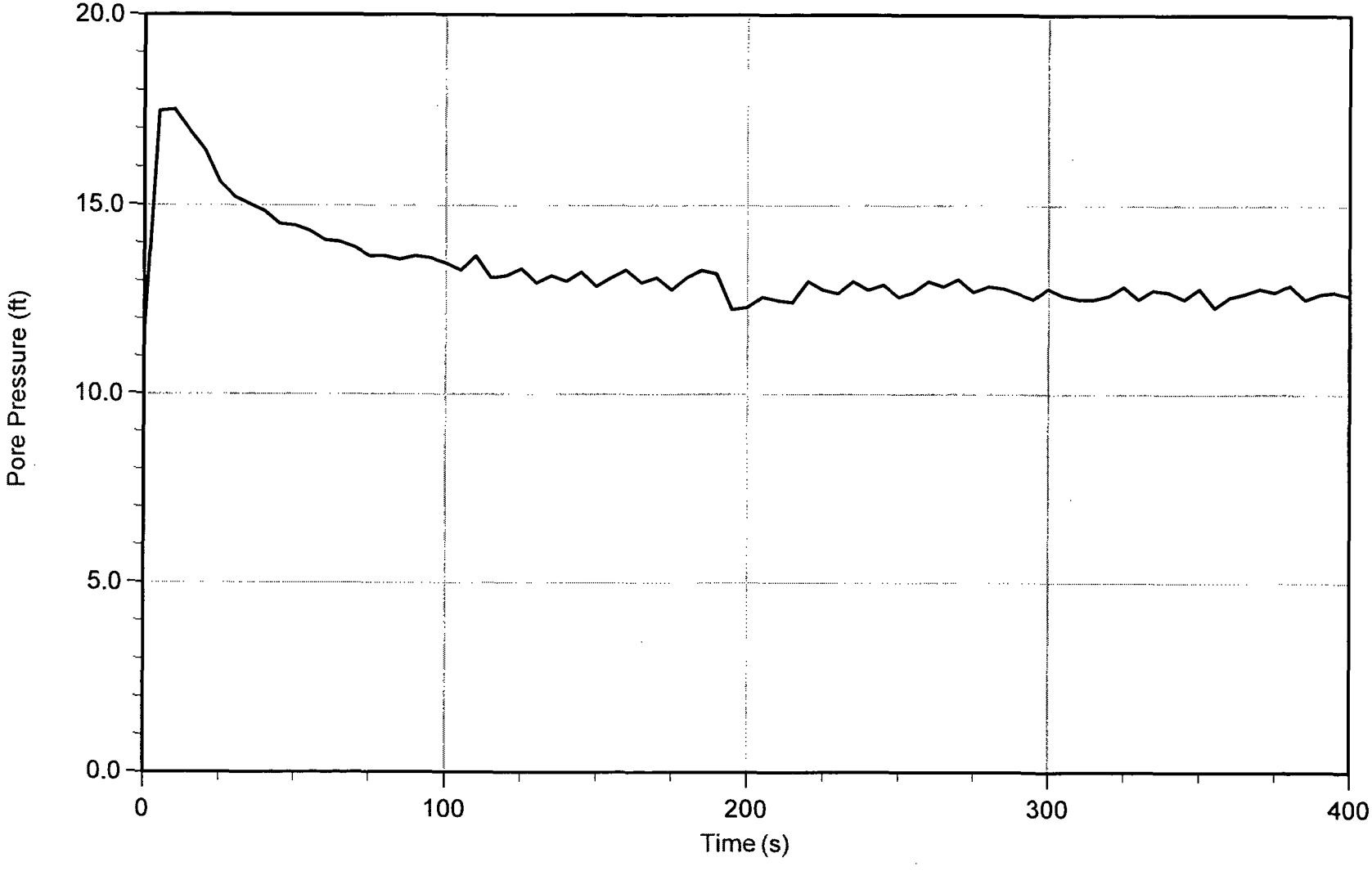
WT: 15.178 m / 49.797 ft
Ueq: 4.5 ft

CONETEC

MWH Americas

Job No: 13-52118
Date: 10-Nov-2013 14:12:13
Site: CHURCH ROCK MILL SITE TSF

Sounding: RCPT-32
Cone: 155
Cone Area: 15 sq cm



Trace Summary:

Filename: 13-52118_RP32.PPD
Depth: 16.550 m / 54.297 ft
Duration: 400.0 s

U Min: 11.7 ft
U Max: 17.5 ft

WT: 12.682 m / 41.608 ft
Ueq: 12.7 ft