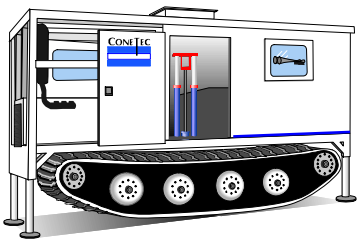

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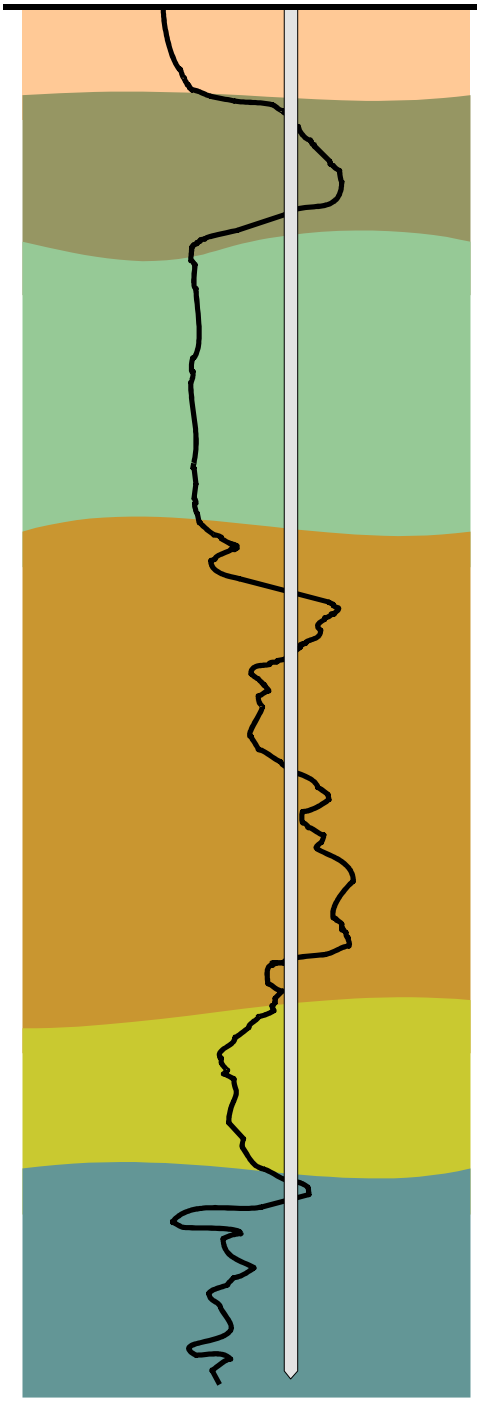
Geotechnical, Environmental and Marine Site Investigation Services



Additional Cone Penetration Test Data

I-15 Reconstruction Project
Utah County, Utah

November 11 - 26, 2008

Prepared for:
IGES, Inc.
Bluffdale, Utah

- December 23, 2008 -

Salt Lake City, UT • West Berlin, NJ • Richmond, VA • Vancouver, BC • Edmonton, AB
Tel: (801) 973-3801 • Fax: (801) 973-3802 • Email: SaltLakeCity@conetec.com

ADDITIONAL CONE PENETRATION TEST DATA

I-15 Reconstruction Project
Utah County, Utah

November 11 - 26, 2008

Prepared for:

IGES, Inc.
14881 South Concorde Park Drive
Suite 2
Bluffdale, UT 84065

Prepared by:

ConeTec, Inc.
Salt Lake City, Utah

December 23, 2008

ConeTec, Inc.
Geotechnical and Environmental Site Investigation Contractors
3589 West 500 South, Suite 3, Salt Lake City, UT 84104 ● PO Box 22082, Salt Lake City, UT 84122
Tel: (801) 973-3801 ● Fax: (801) 973-3802 ● Web: www.conetec.com ● Email: saltlakecity@conetec.com

December 23, 2008 Job No.: 08-419

Mr. David Peterson
IGES, Inc.
14881 South Concorde Park Drive
Suite 2
Bluffdale, UT 84065

Tel: (801) 748-4044
Fax: (801) 748-4045
Email: davidp@igesinc.com

Re: Additional CPT Test Results
I-15 Reconstruction Project
Utah County, Utah

Dear Dave,

Per your request, we have completed the additional CPT investigation for the above referenced project. Enclosed is one set of standard CPT plots, pore pressure dissipation plots, shear wave velocity calculations, seismic CPT plots and a data CD. The CD contains the CPT and PPD data files in Excel format. In addition to the data files, we have included digital copies of the CPT plots, PPD plots, shear wave velocity calculations, seismic CPT plots in PDF format. The attached summary sheet outlines the additional work completed at the site.

We appreciate the opportunity of providing these services to you. If you have any questions regarding the enclosed material or if, we can be of additional assistance, please contact us.

Sincerely,

ConeTec, Inc.

Shawn Steiner

Shawn D. Steiner, P.E.
Regional Manager

Enclosures

ConeTec, Inc. • Salt Lake City
Job No: 08-419
Client: IGES, Inc.
Project: Utah County I-15 Reconstruction

CPT Testing Summary

CPT Location	CPT Filename	CPT Depth	PPD Depth	PPD Duration	Ueq	Apparent Water Table	Seismic Vs Test	Comments
08-OR4-C2	419CP32	100.06	25.26	400	15.1	10.0	X	
08-P9-C1	419CP33	100.06	72.67	300	63.9	9.0	X	
08-P9-C2	419CP34	100.06	41.99	300	28.1	14.0		
08-P10-C2	419CP35	100.06	51.84	400	44.8	7.0		
08-P10-C1	419CP36	100.06	75.30	300	72.2	3.0	X	
08-OR1-C1	419CP37	106.63	81.04	200	~0.0	20.0		
08-P4-C2	419CP38	100.06	45.77	400	30.4	15.0	X	
08-P4-C1	419CP39	9.51				5.0		Refusal
08-P4-C1	419CP39A	100.06	58.40	600	53.4	5.0	X	
08-P8-C1	419CP40	106.13	38.55	200	21.3	17.0		
08-P6-C2	419CP41	106.13	53.15	400	38.9	14.0	X	
08-P3-C1	419CP42	106.13	37.89	400	34.7	3.0		
08-OR4-C1	419CP43	85.14	43.96	800	25.1	9.0		Refusal
08-P6-C1	419CP44	100.06	58.07	800	43.4	15.0		
08-P1-C2	419CP45	83.33	65.62	300	34.4	30.0		Refusal
08-P3-C2	419CP46	85.14	38.71	200	30.2	8.5	X	Refusal
08-P2-C2	419CP47	100.06	59.71	900	~60.0	5.0		
08-P1-C1	419CP48	82.02	81.36	300	48.1	23.0	X	
08-P2-C1	419CP49	120.06	35.27	600	35.2	5.0	X	
08-OR7-C4	419CP50	93.50	55.28	400	33.5	12.0	X	Refusal
08-OR7-C2	419CP51	3.28				5.0		Refusal
08-OR7-C2	419CP51A	117.29	61.35	900	40.0	21.0		Refusal
08-OR7-C1	419CP52	119.59	68.73	900	~50.0	19.0		Refusal
08-OR7-C3	419CP53	100.06	71.36	300	~0	71.0	X	

CPT Plots

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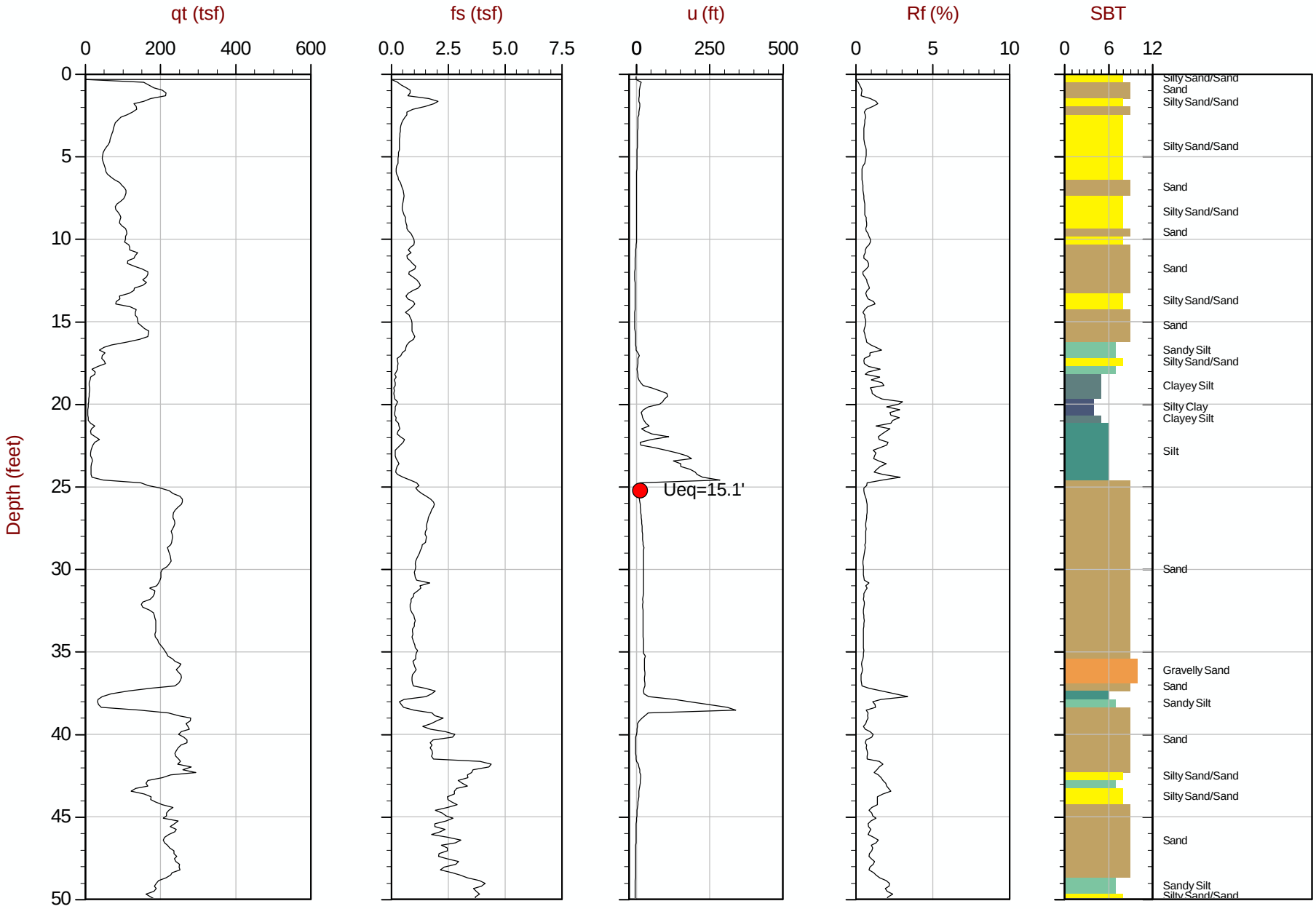
IGES

Job No: 08-419
Date: 11:11:08 22:05
Site: I-15

Sounding: 08-OR4-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP32.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

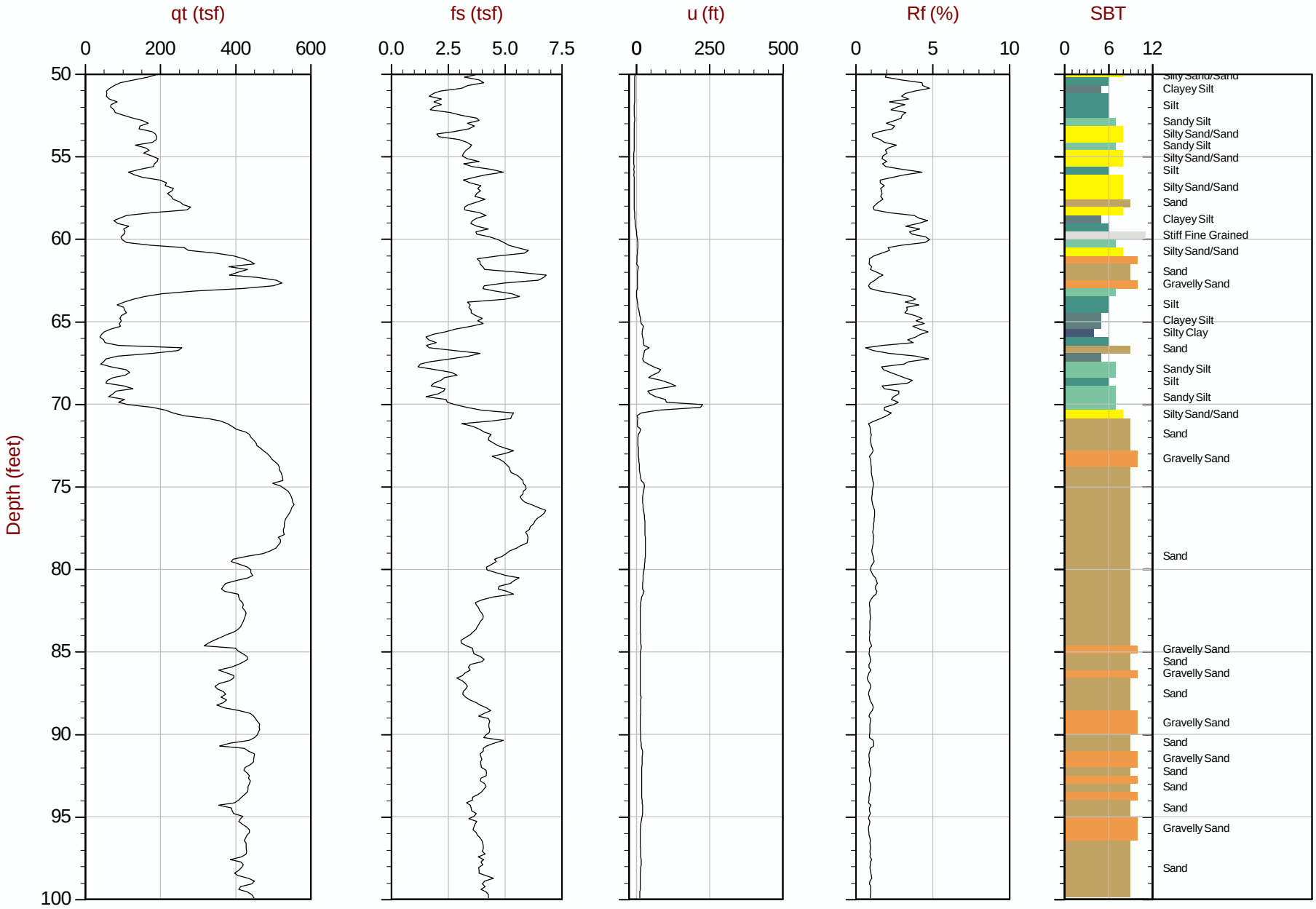
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 22:05
Site: I-15

Sounding: 08-OR4-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP32.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

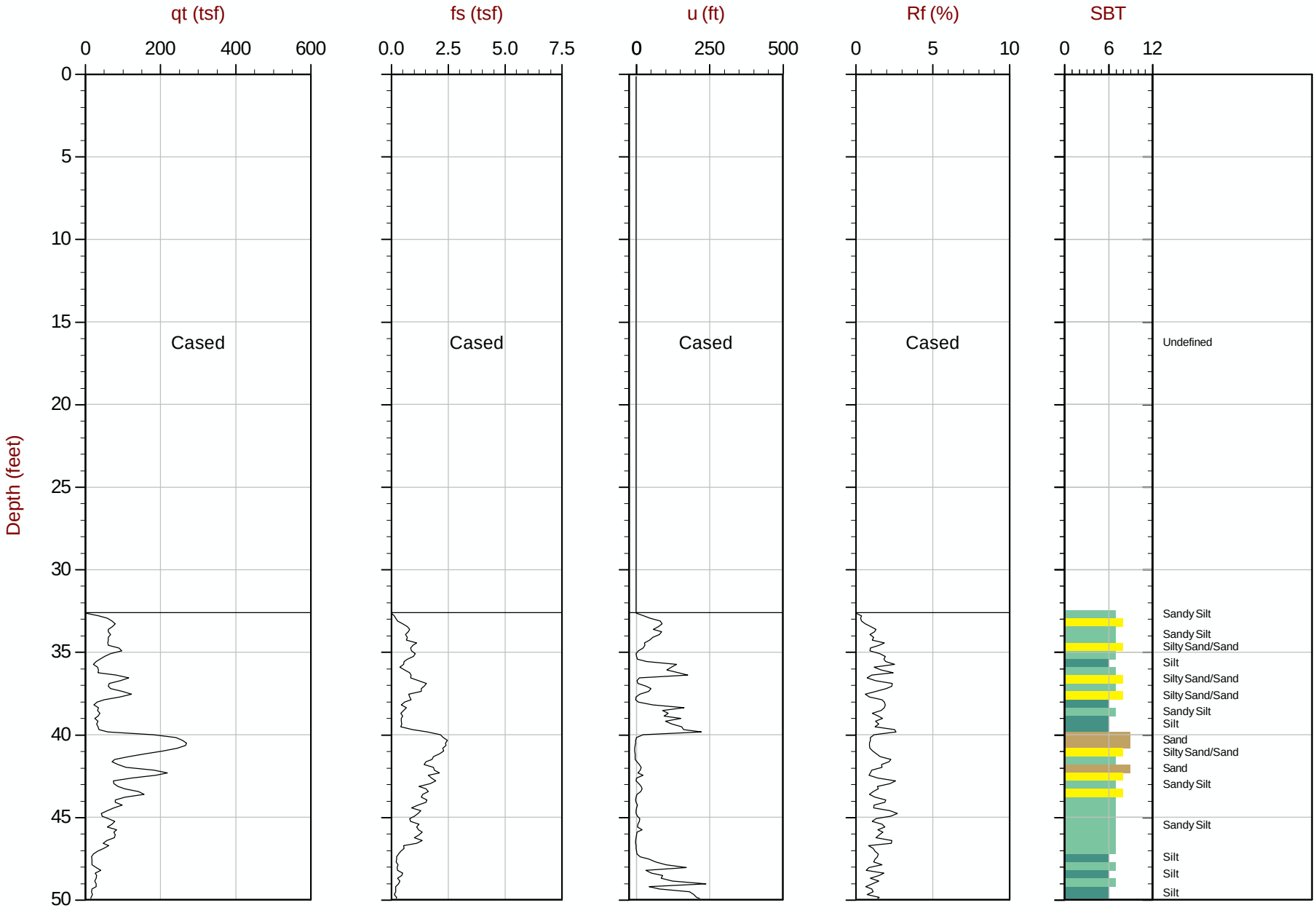
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 00:18
Site: I-15

Sounding: 08-P9-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP33.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

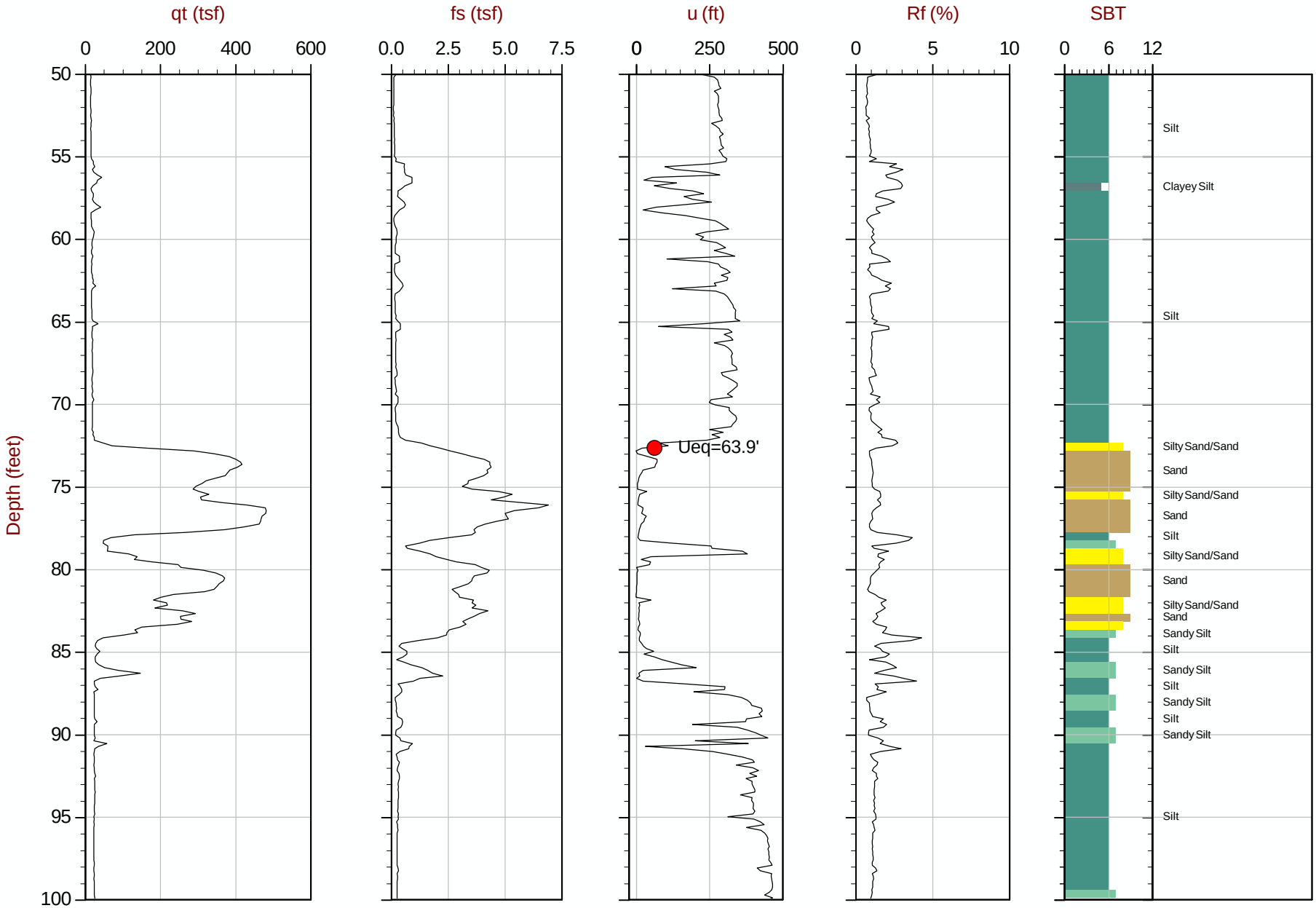
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 00:18
Site: I-15

Sounding: 08-P9-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP33.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

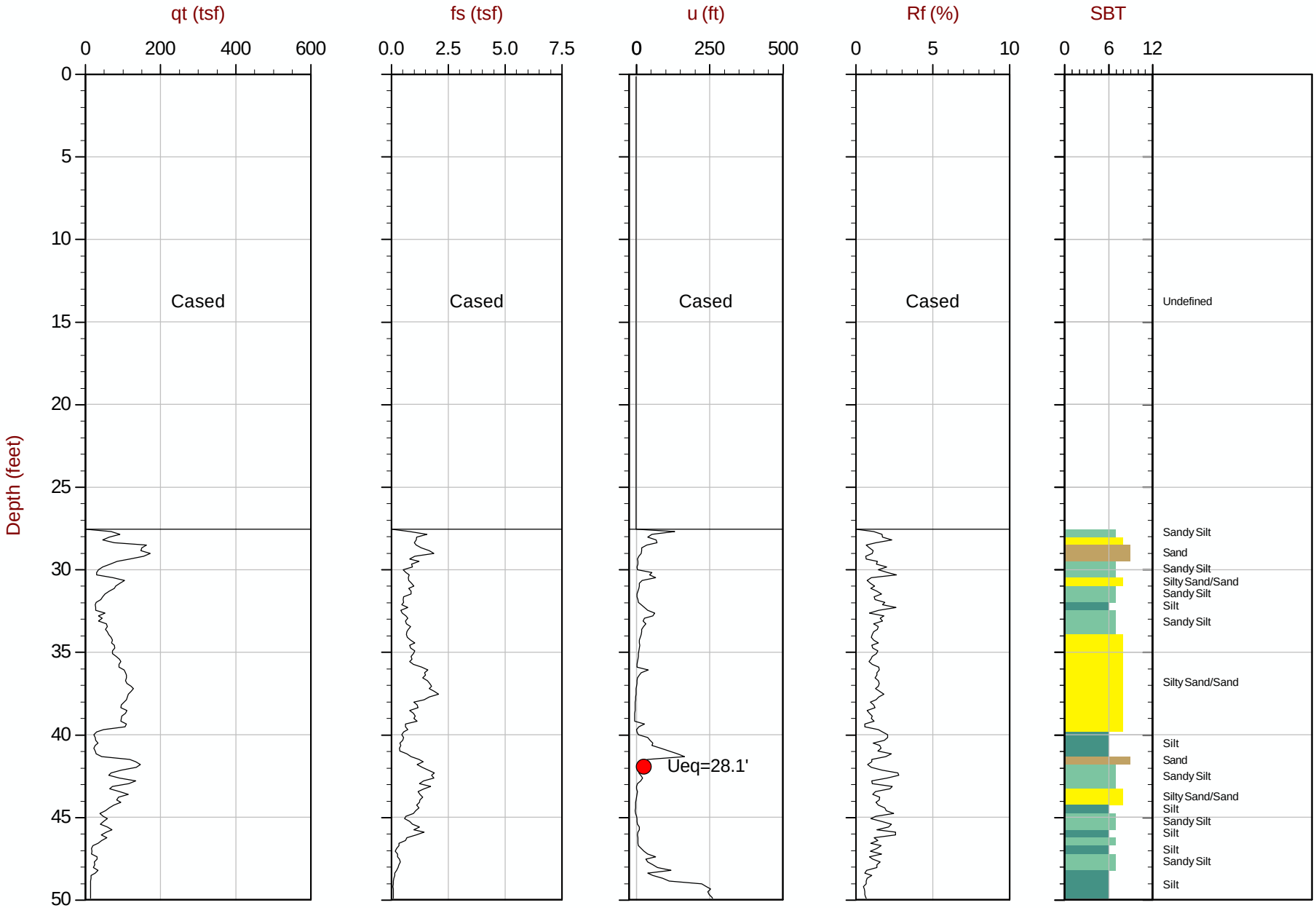
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 01:19
Site: I-15

Sounding: 08-P9-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP34.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

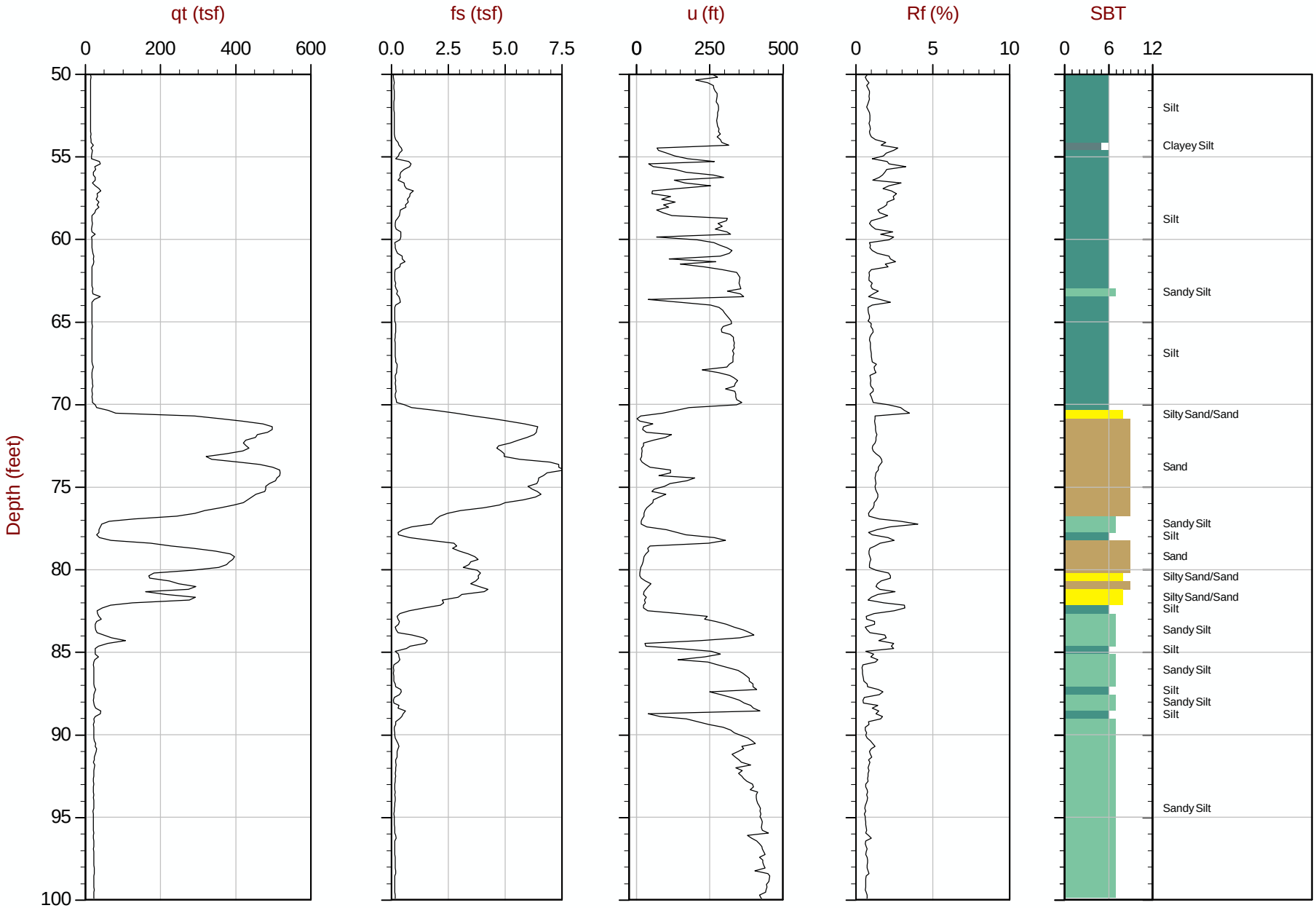
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 01:19
Site: I-15

Sounding: 08-P9-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP34.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

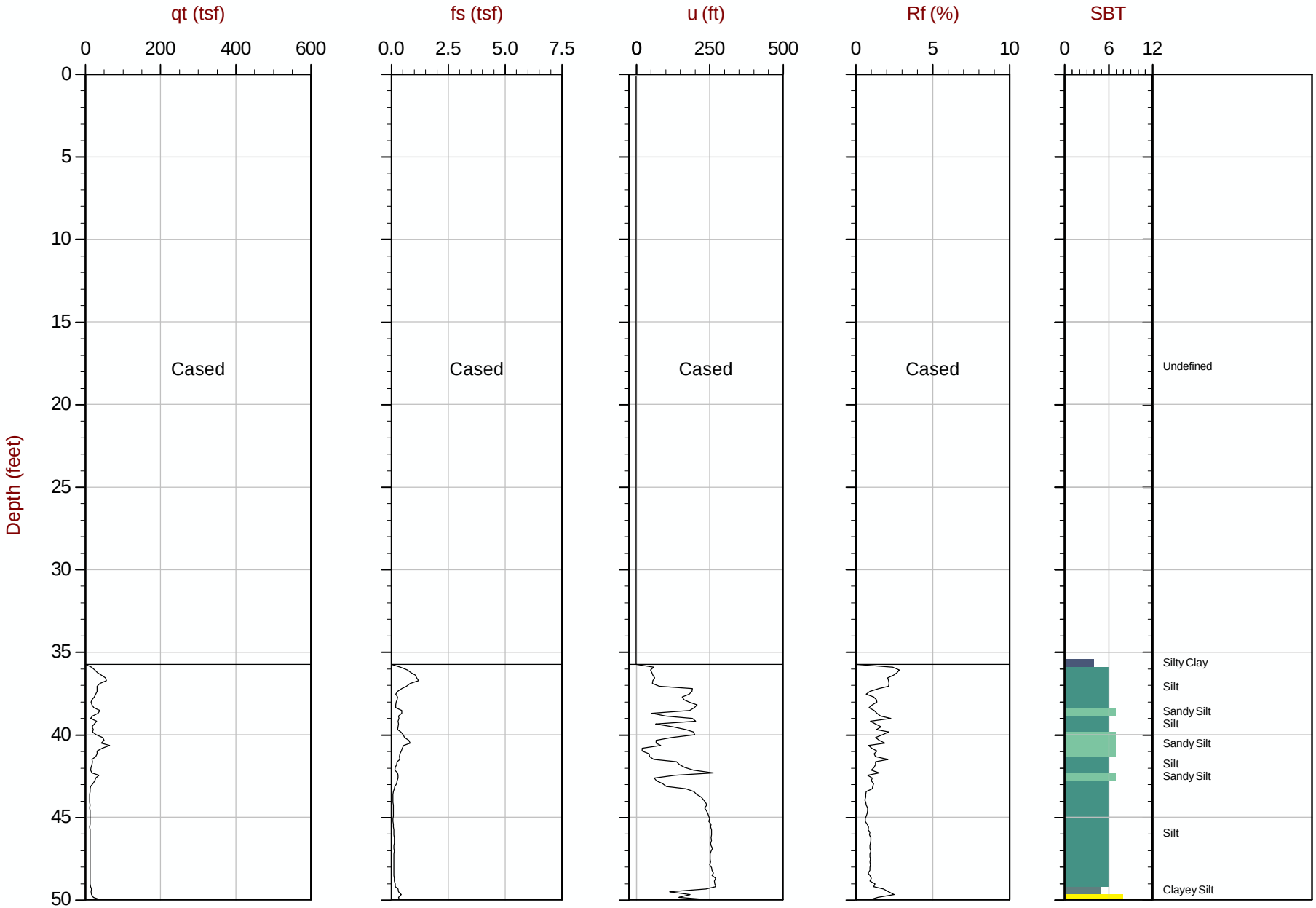
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 02:36
Site: I-15

Sounding: 08-P10-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP35.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

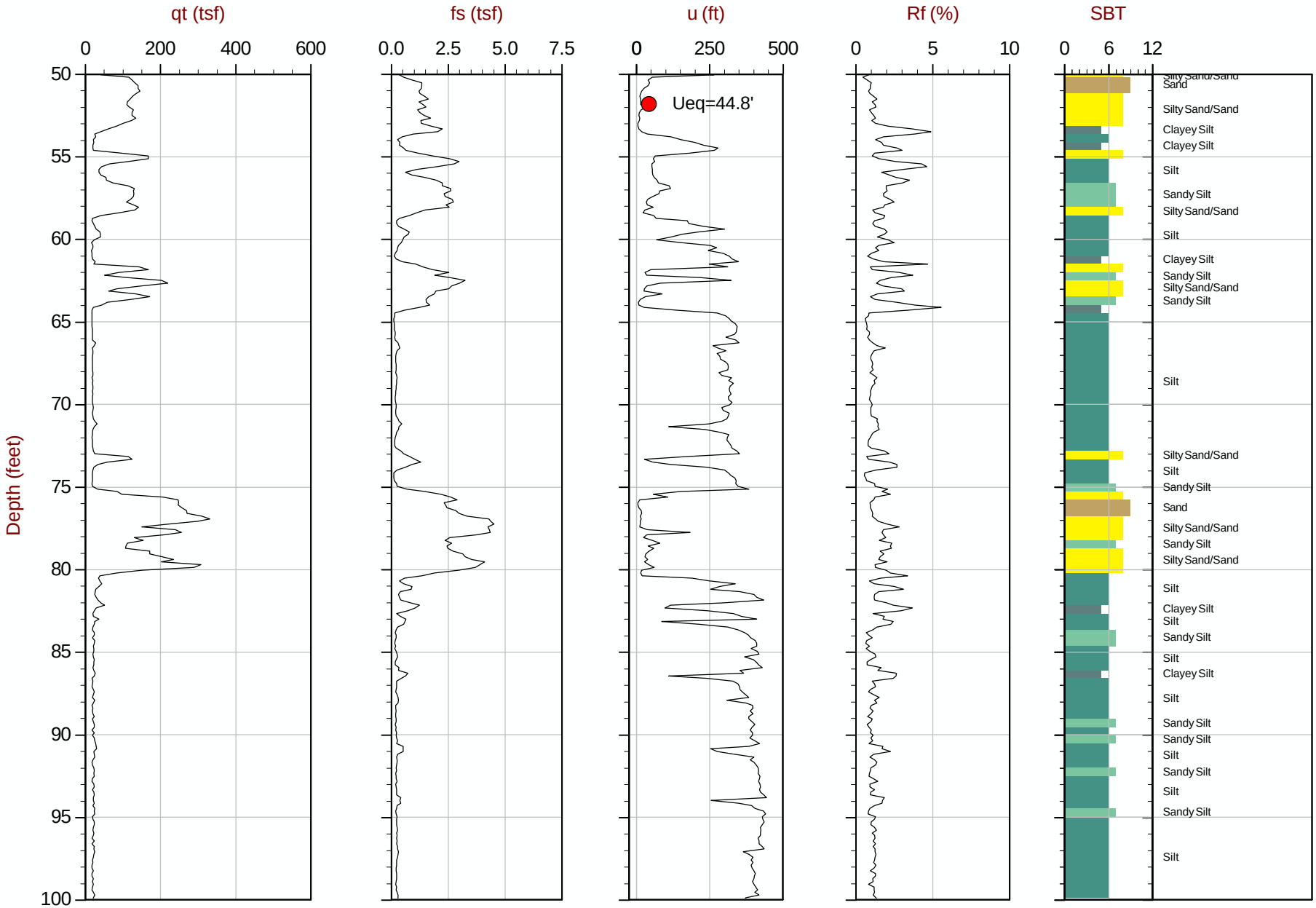
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 02:36
Site: I-15

Sounding: 08-P10-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP35.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

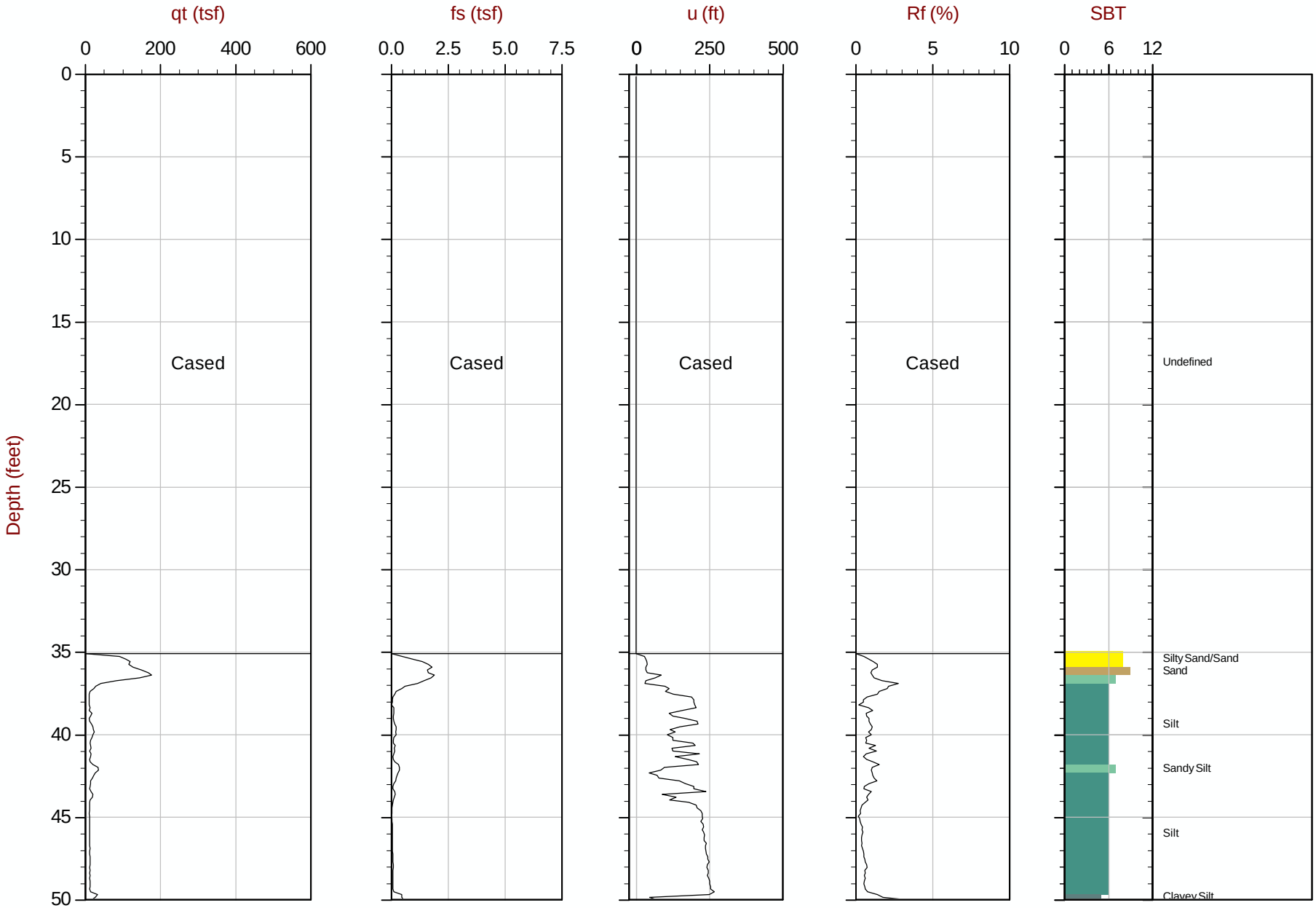
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 03:47
Site: I-15

Sounding: 08-P10-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP36.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

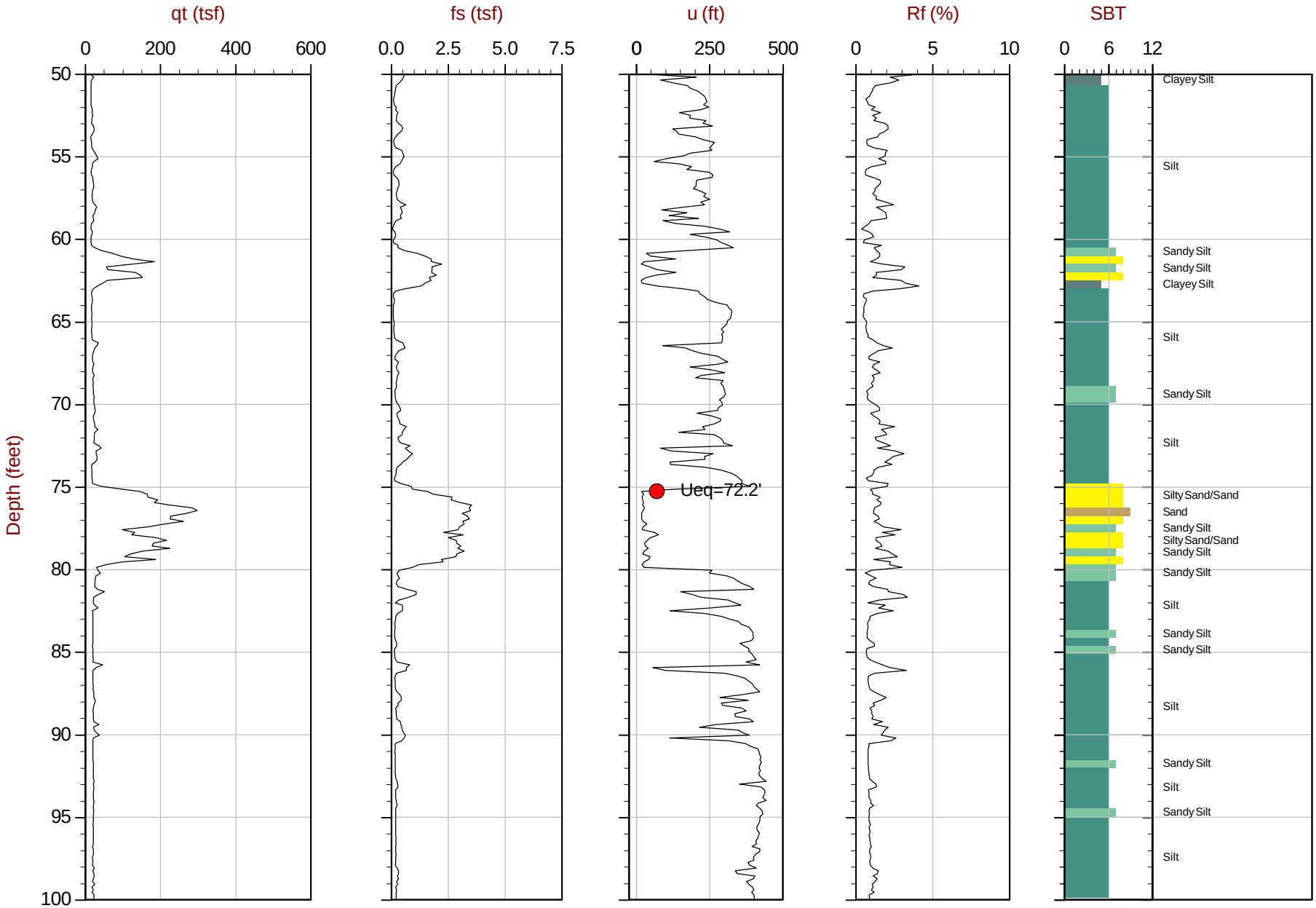
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 03:47
Site: I-15

Sounding: 08-P10-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP36.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

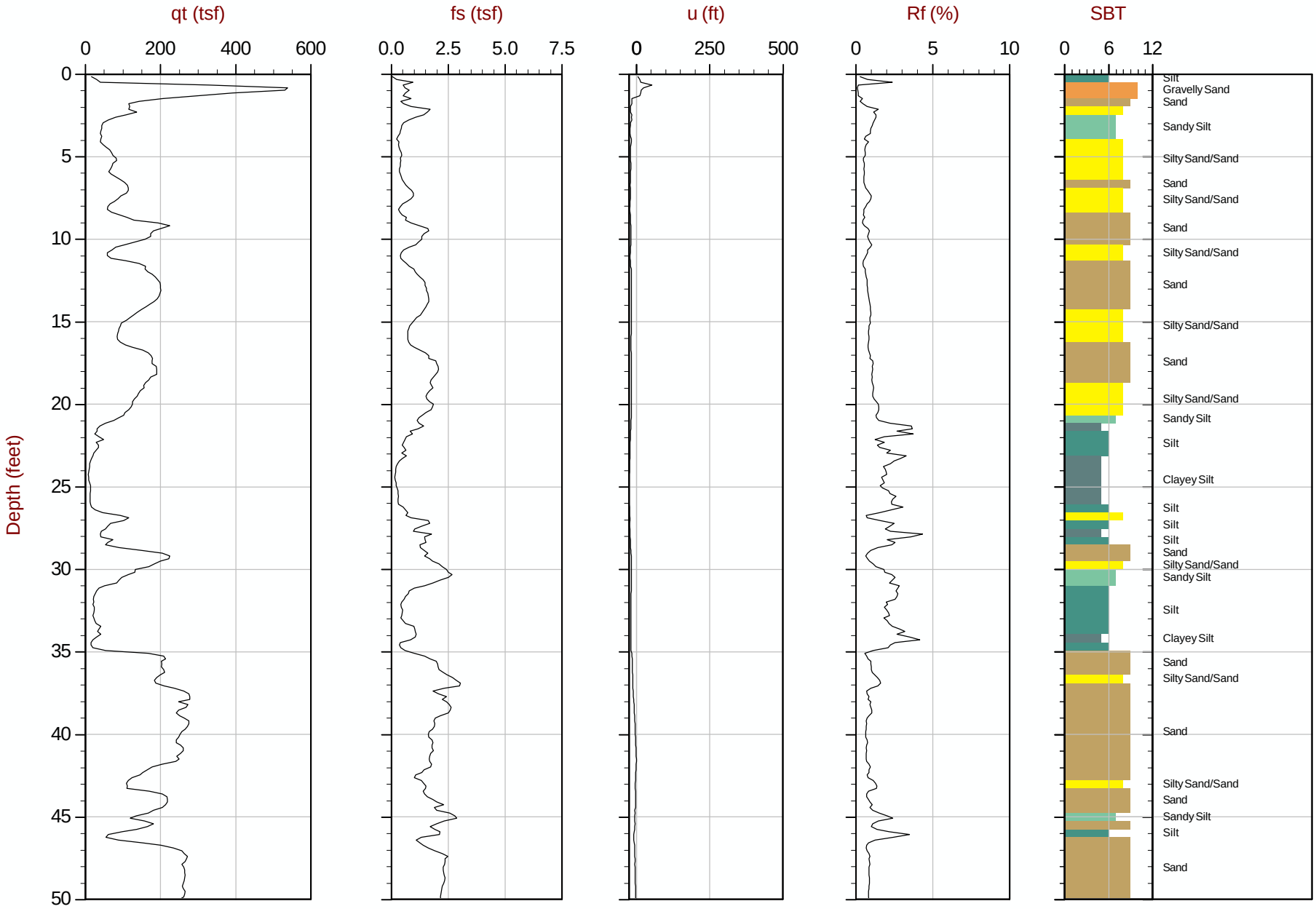
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 21:39
Site: I-15

Sounding: 08-OR1-C1
Cone: STD 20T AD146



Max Depth: 32.500 m / 106.63 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP37.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

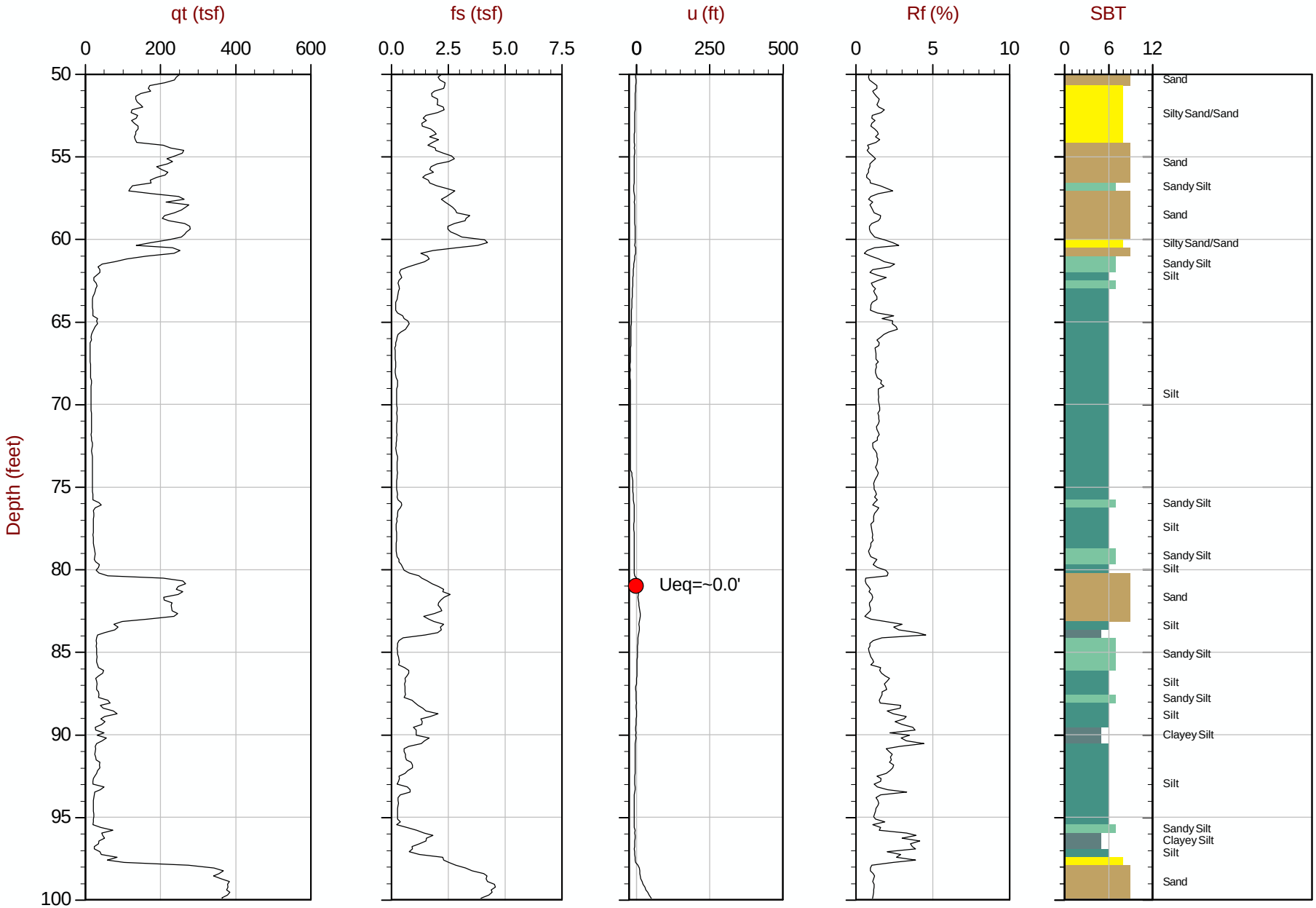
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 21:39
Site: I-15

Sounding: 08-OR1-C1
Cone: STD 20T AD146



Max Depth: 32.500 m / 106.63 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP37.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

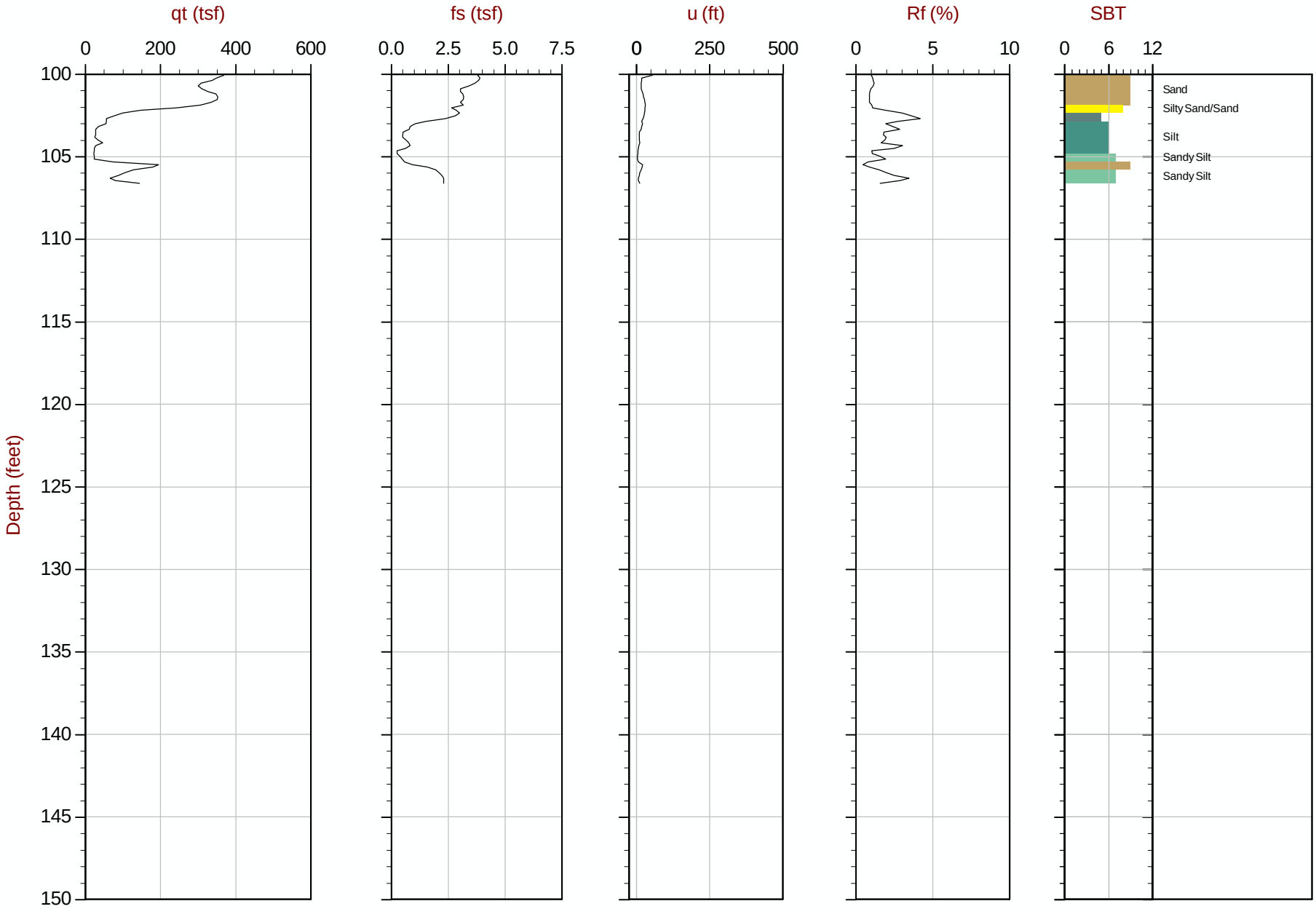
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 21:39
Site: I-15

Sounding: 08-OR1-C1
Cone: STD 20T AD146



Max Depth: 32.500 m / 106.63 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP37.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

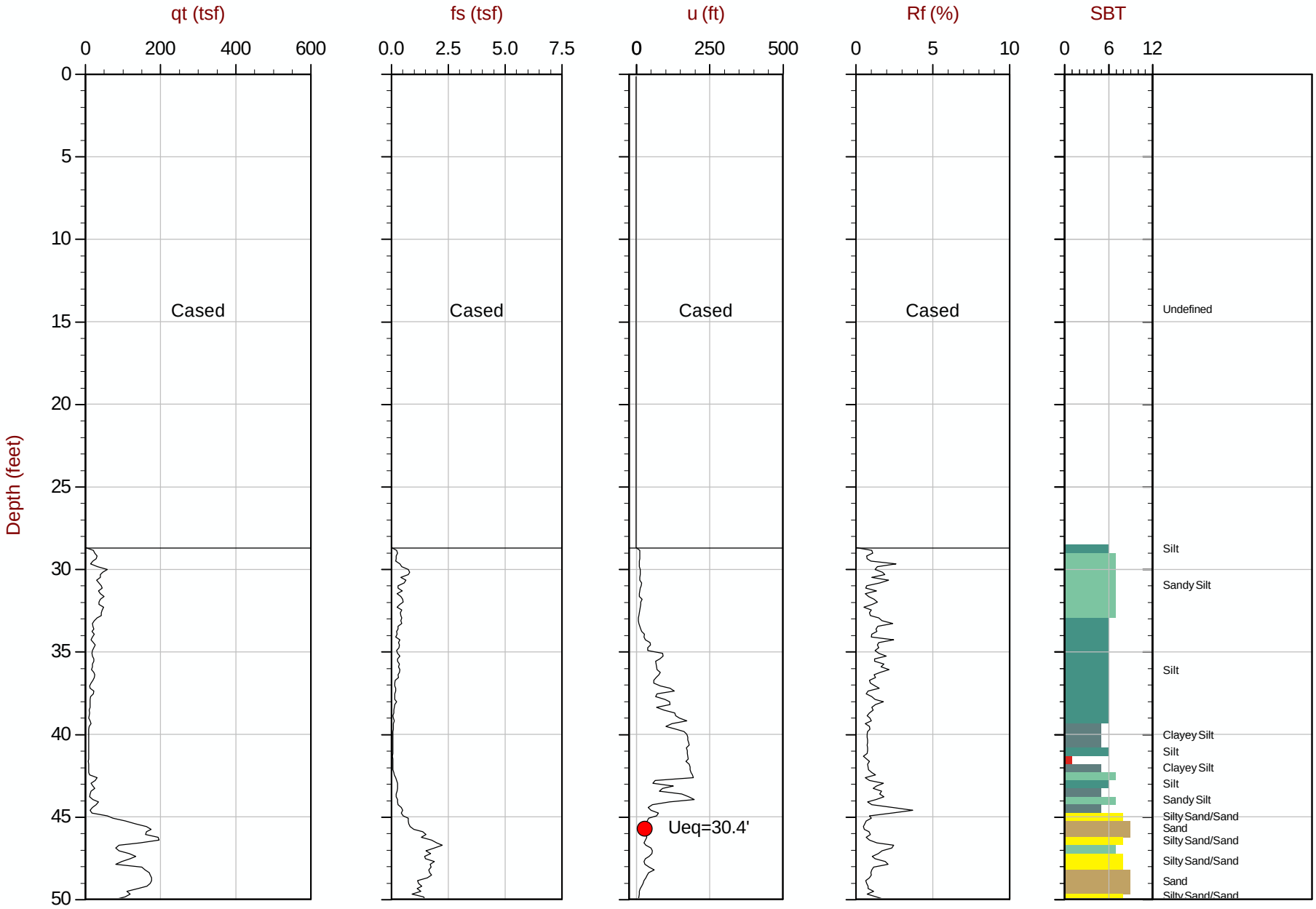
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 23:05
Site: I-15

Sounding: 08-P4-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP38.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

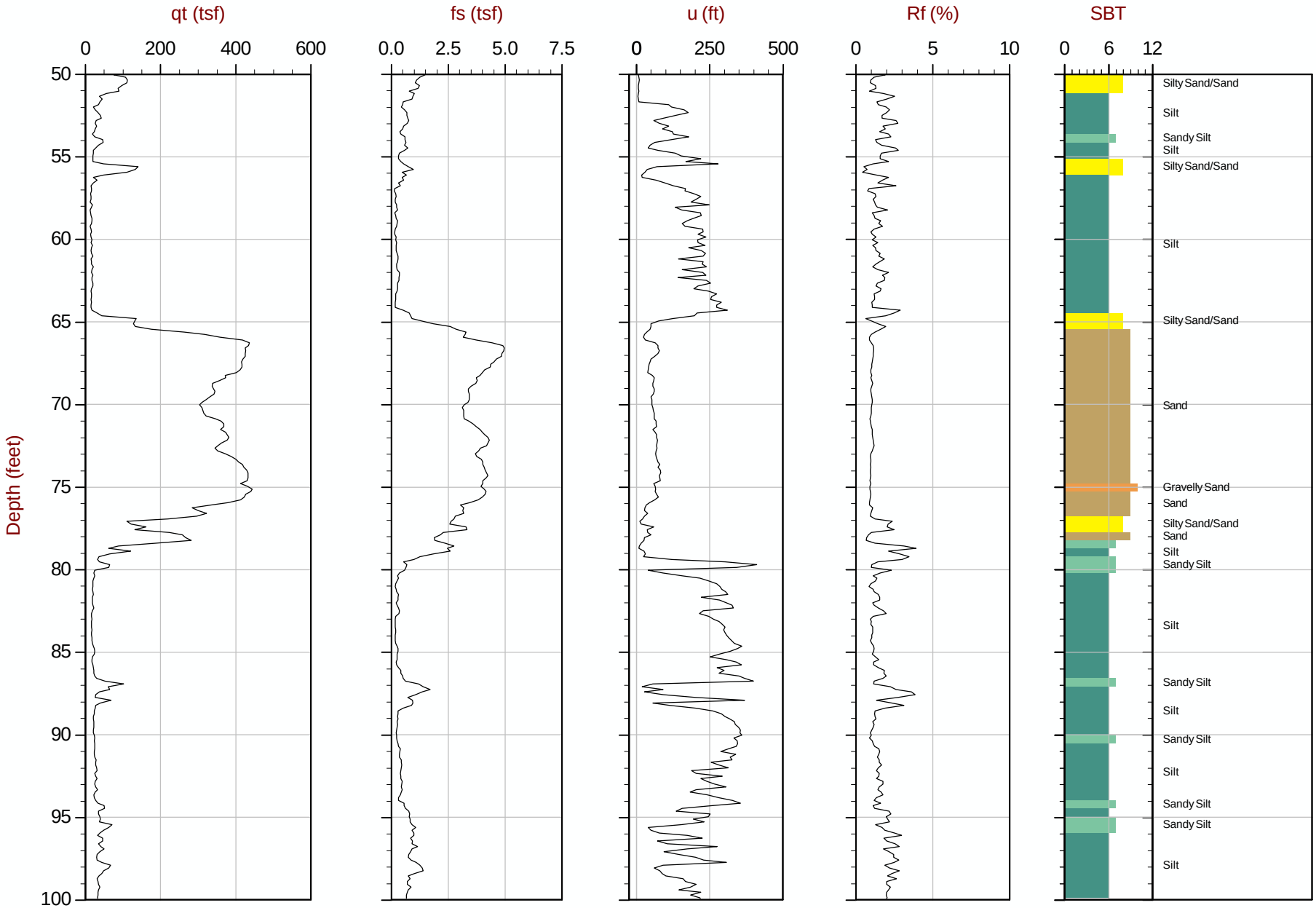
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 23:05
Site: I-15

Sounding: 08-P4-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP38.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

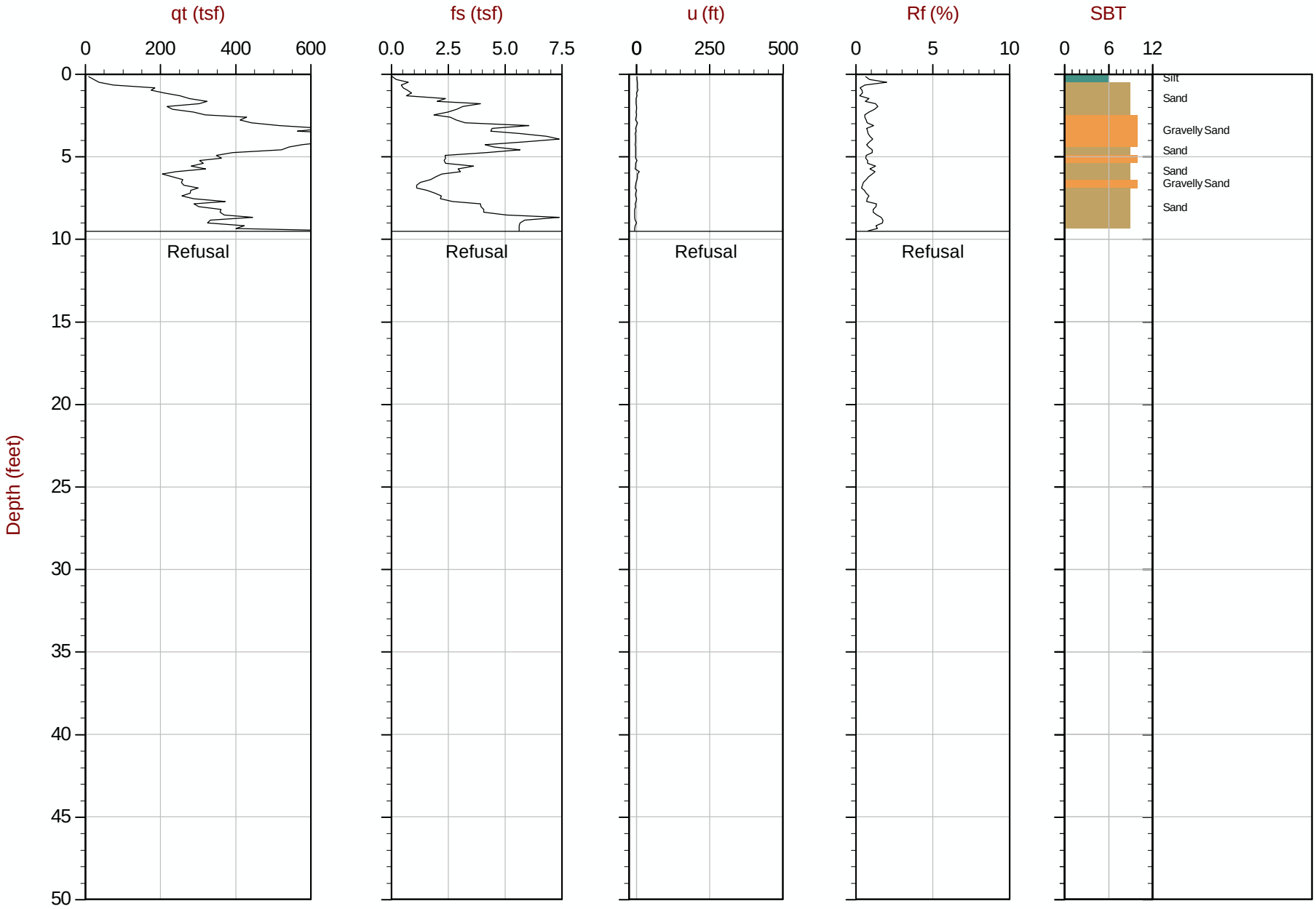
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 01:04
Site: I-15

Sounding: 08-P4-C1
Cone: STD 20T AD146



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

File: 419CP39.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

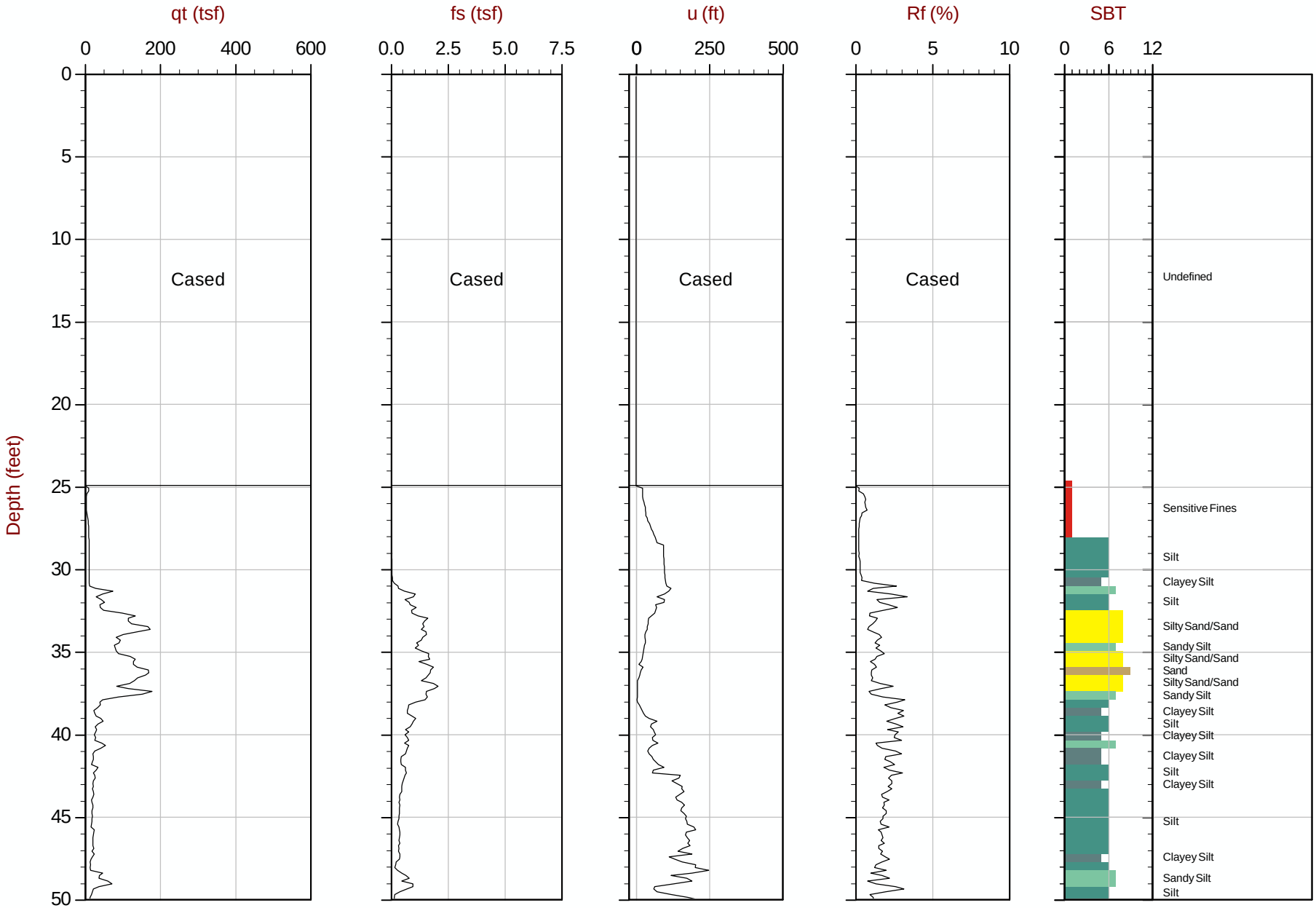
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 00:02
Site: I-15

Sounding: 08-P4-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP39A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

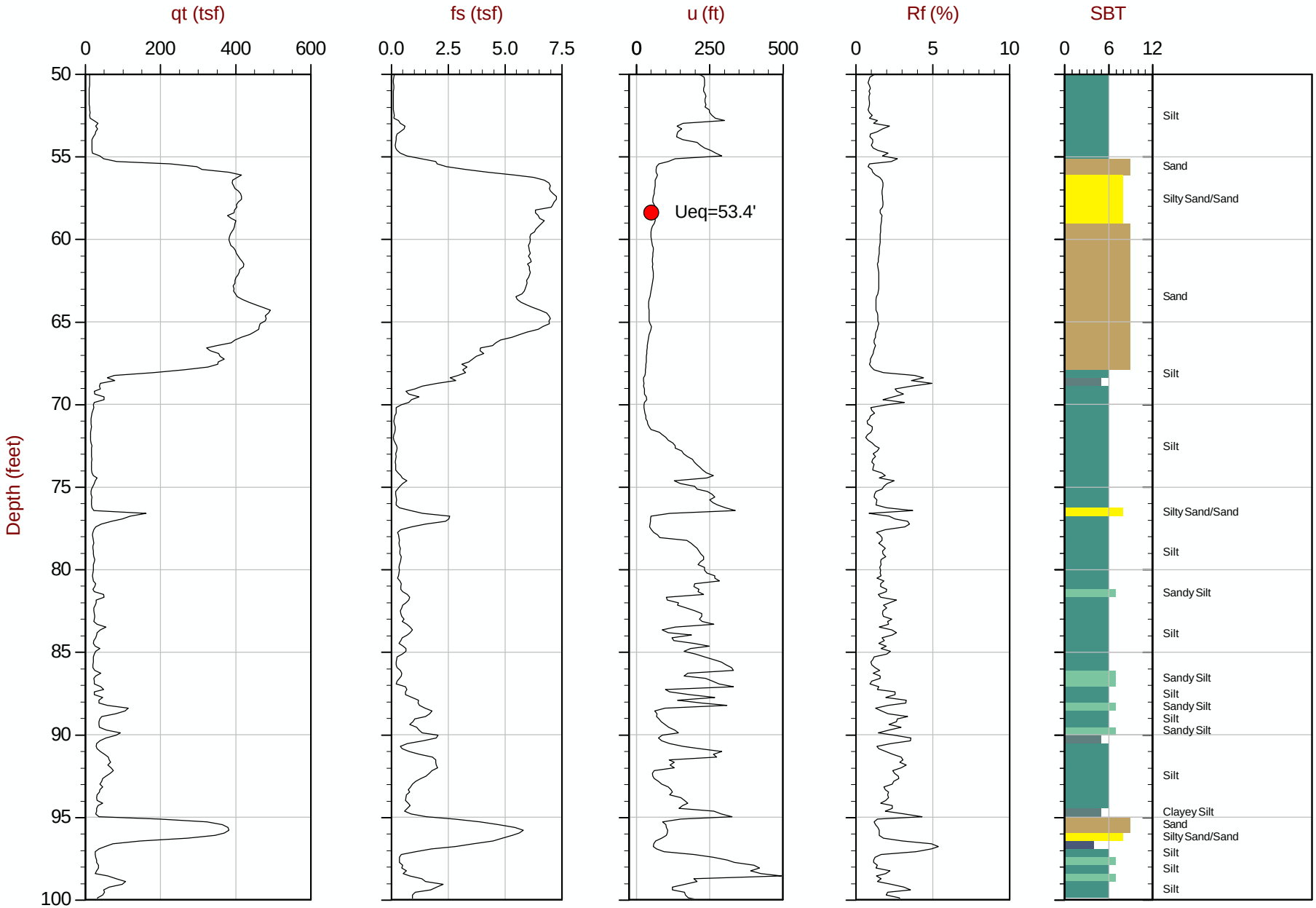
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 00:02
Site: I-15

Sounding: 08-P4-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP39A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

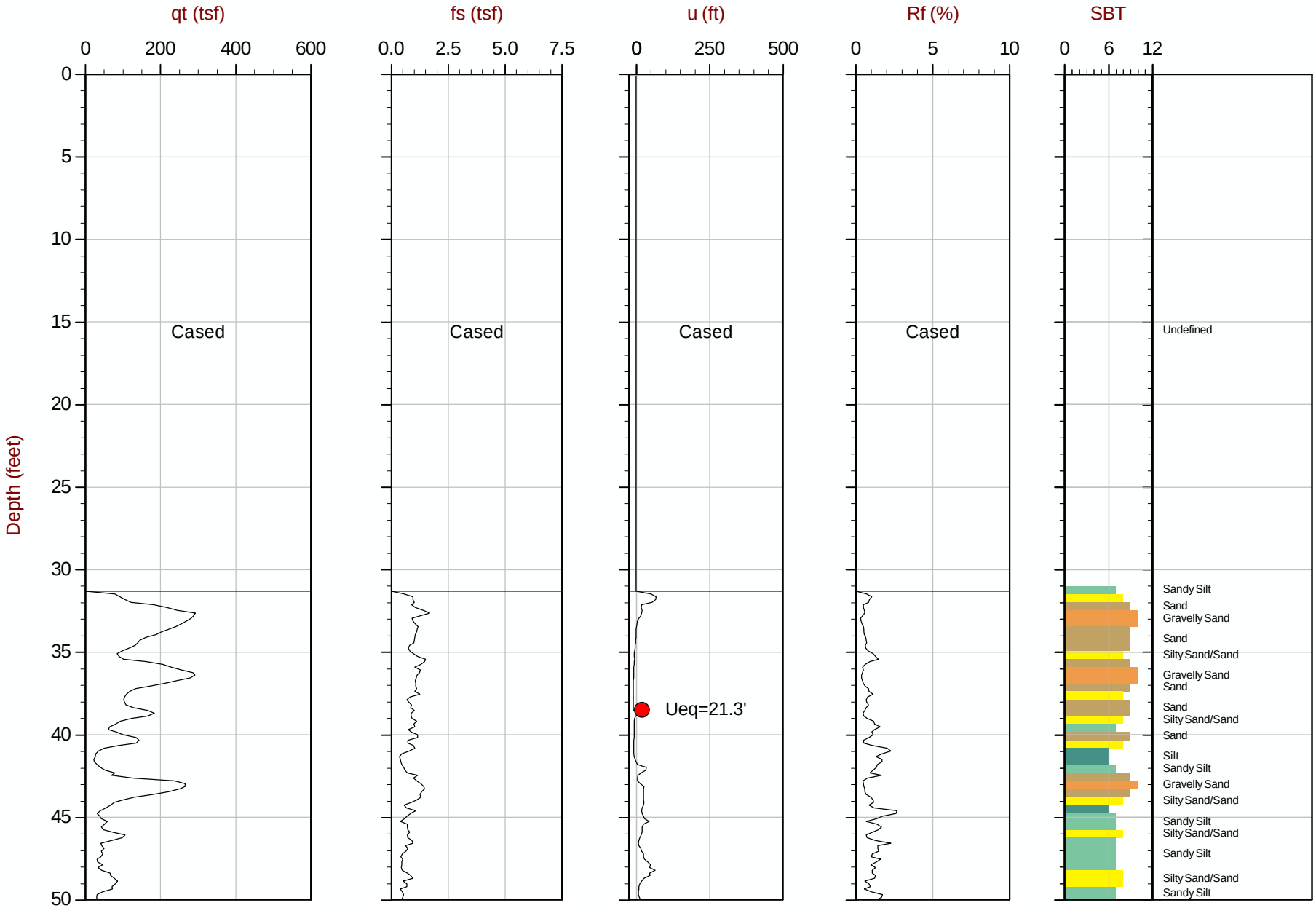
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 01:50
Site: I-15

Sounding: 08-P8-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP40.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

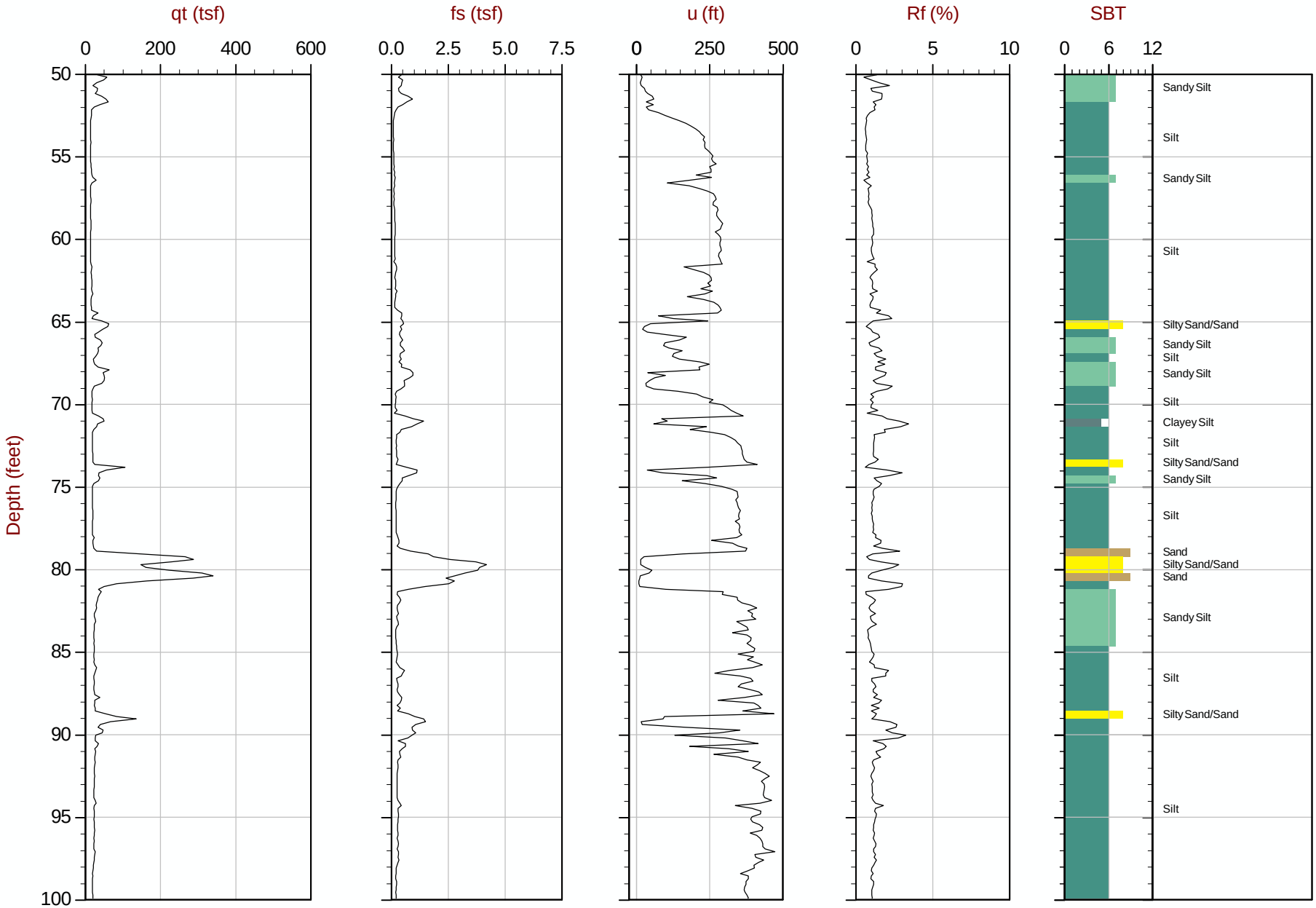
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 01:50
Site: I-15

Sounding: 08-P8-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP40.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

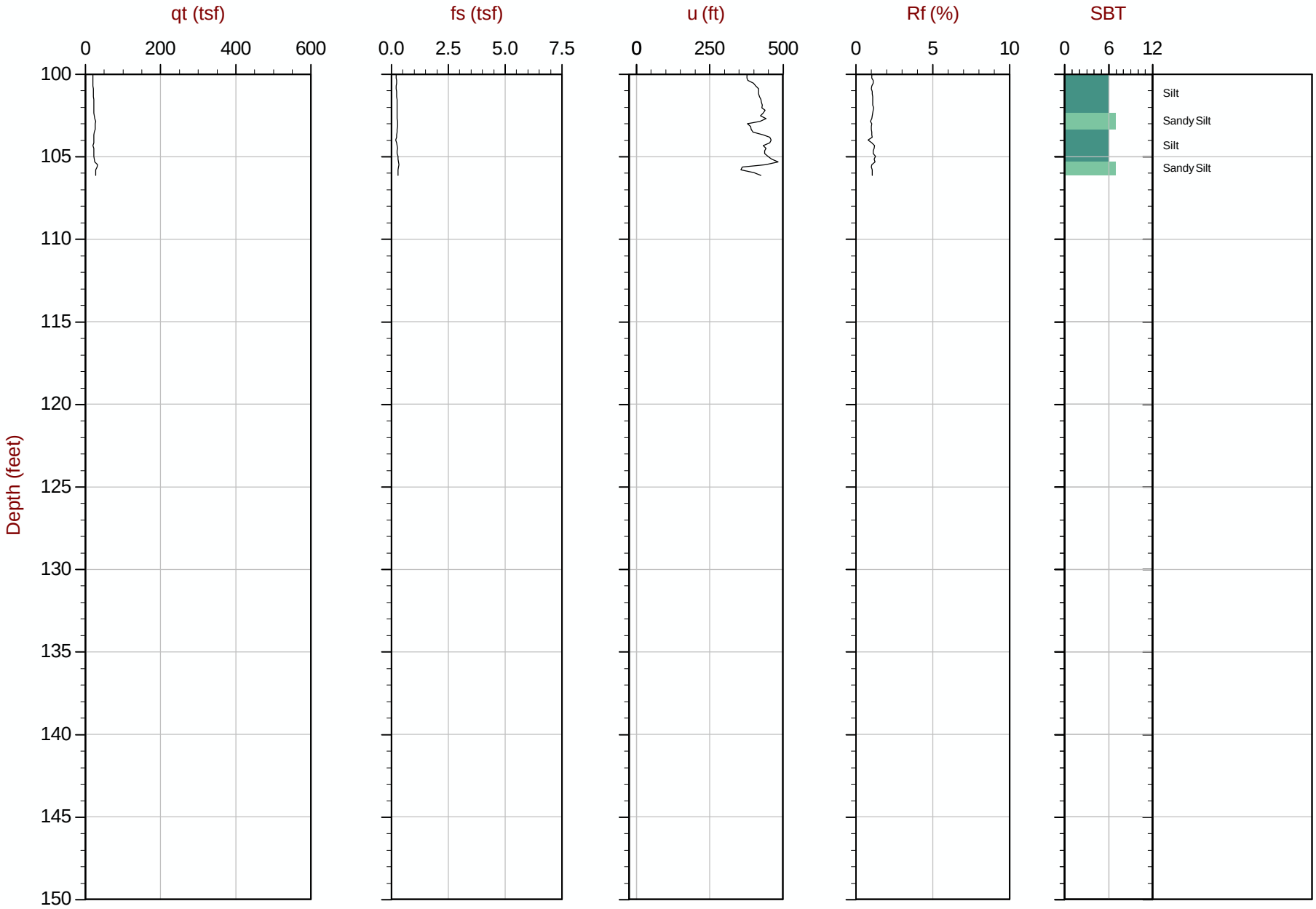
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 01:50
Site: I-15

Sounding: 08-P8-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP40.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

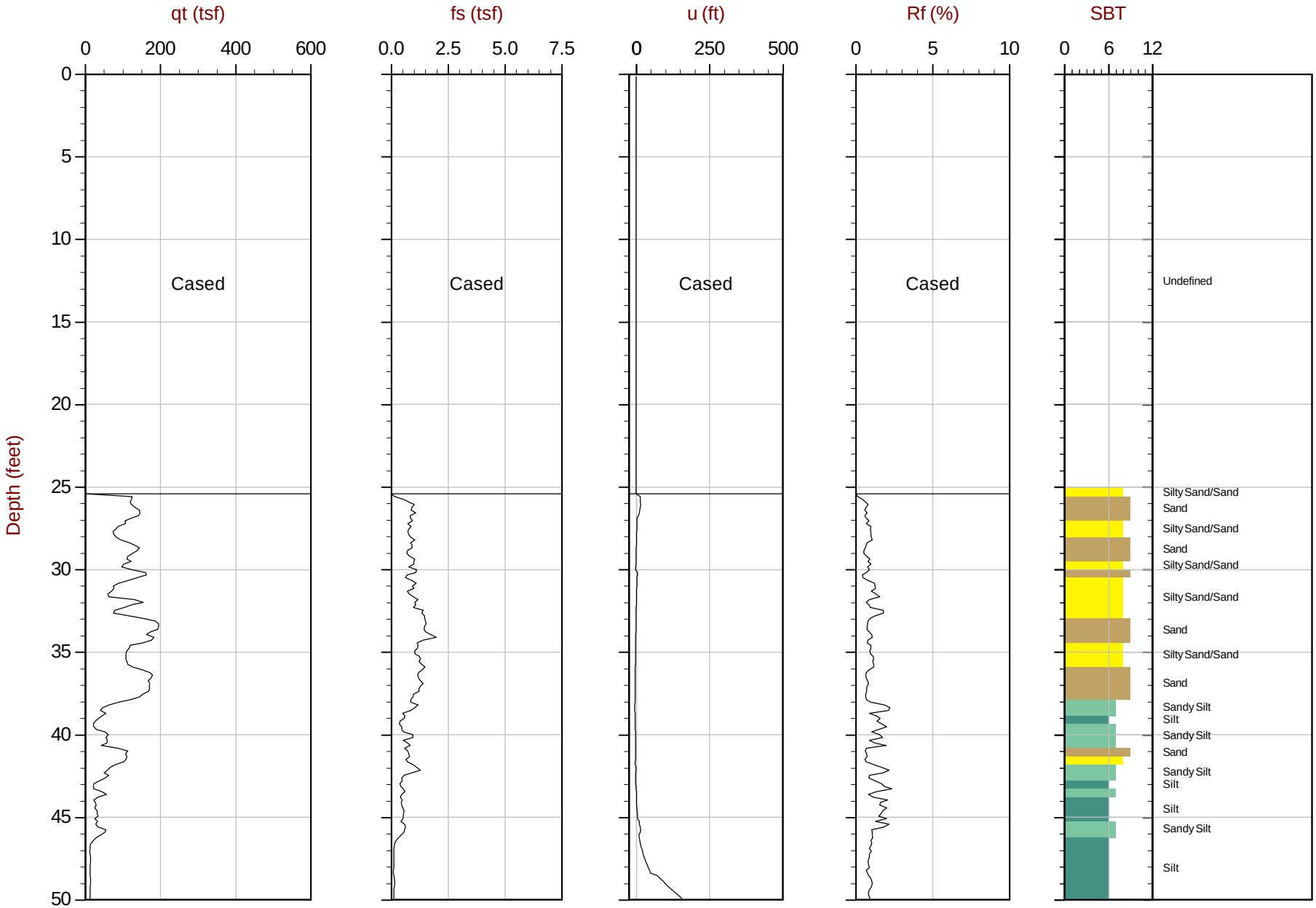
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

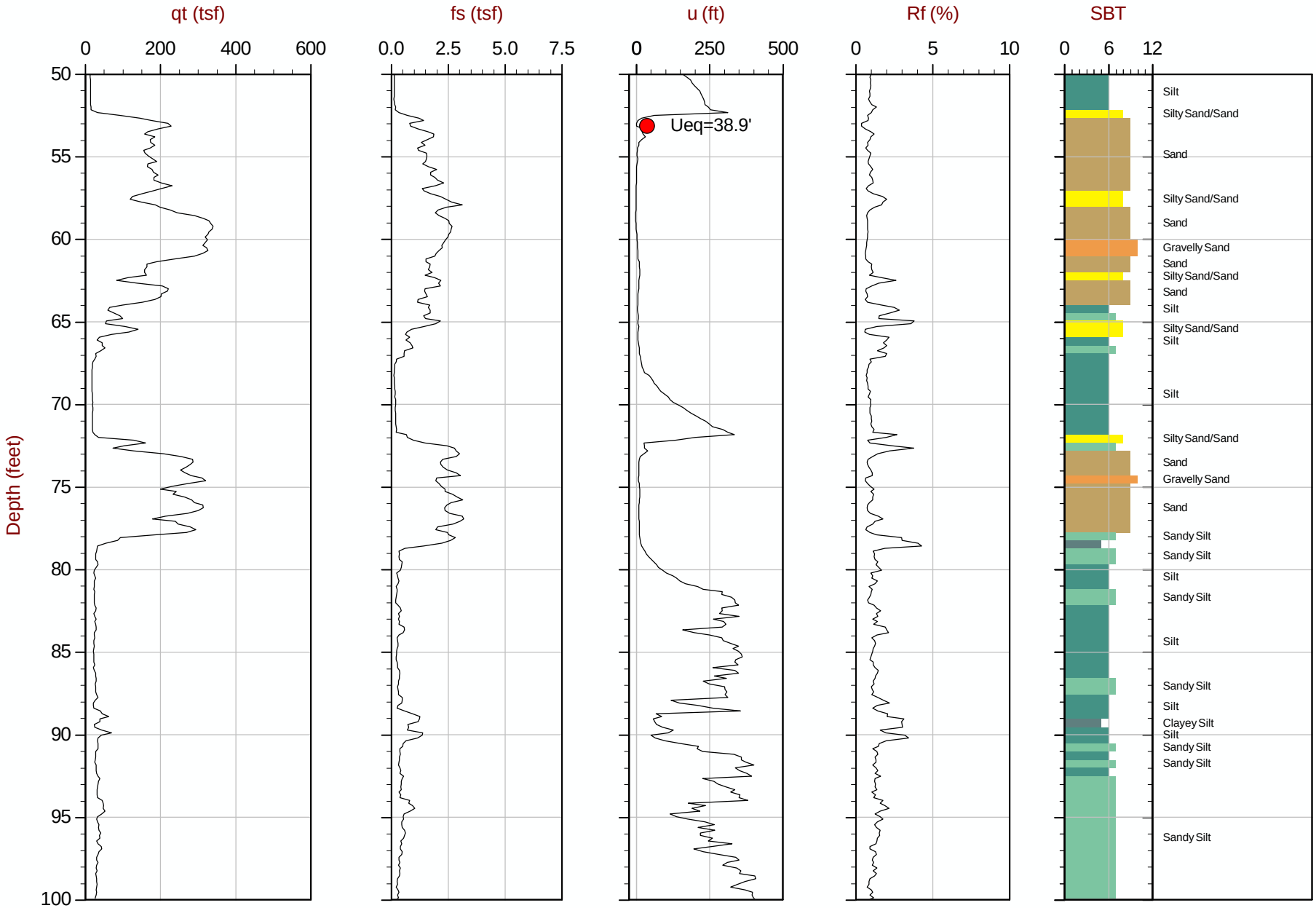
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

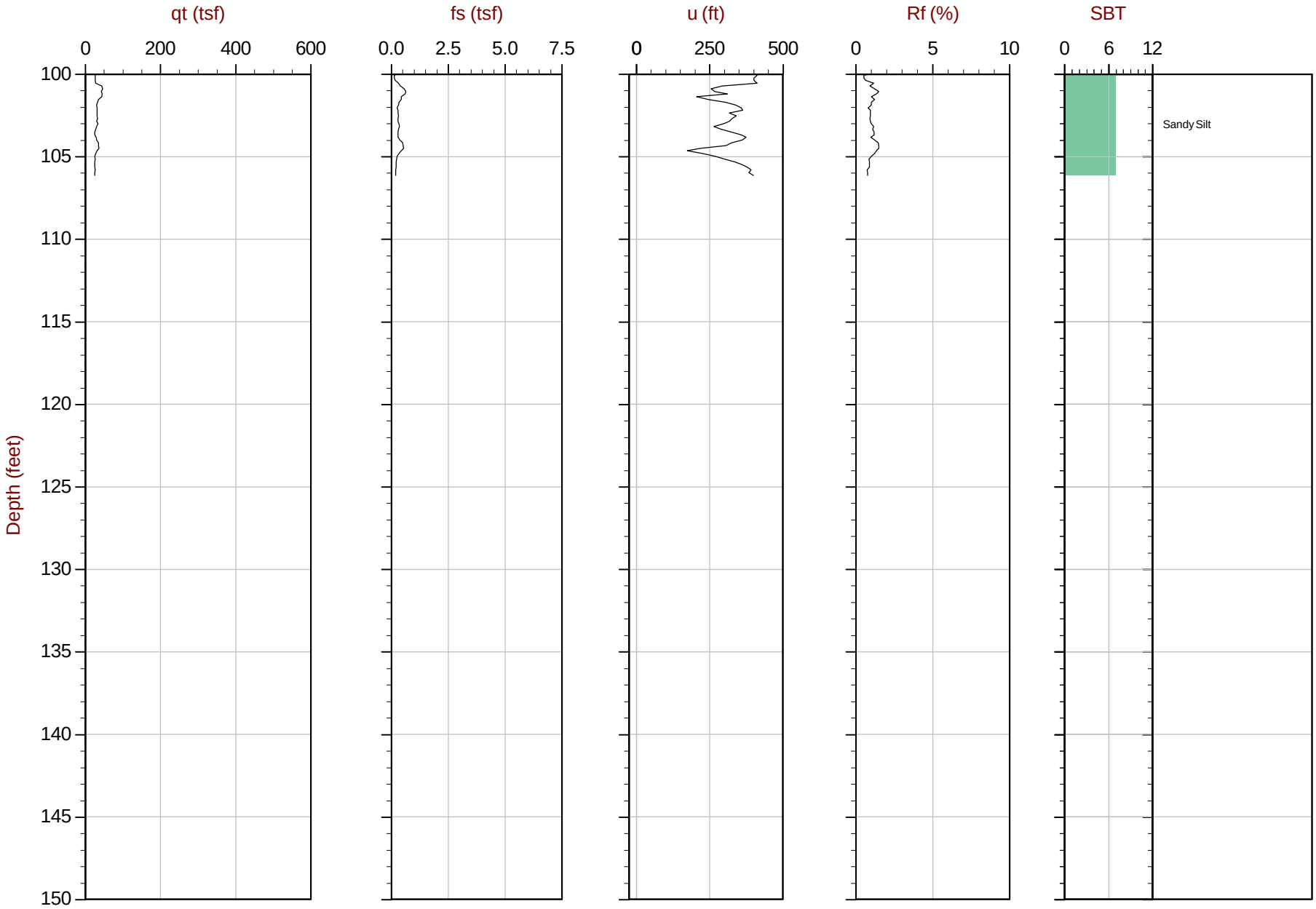
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

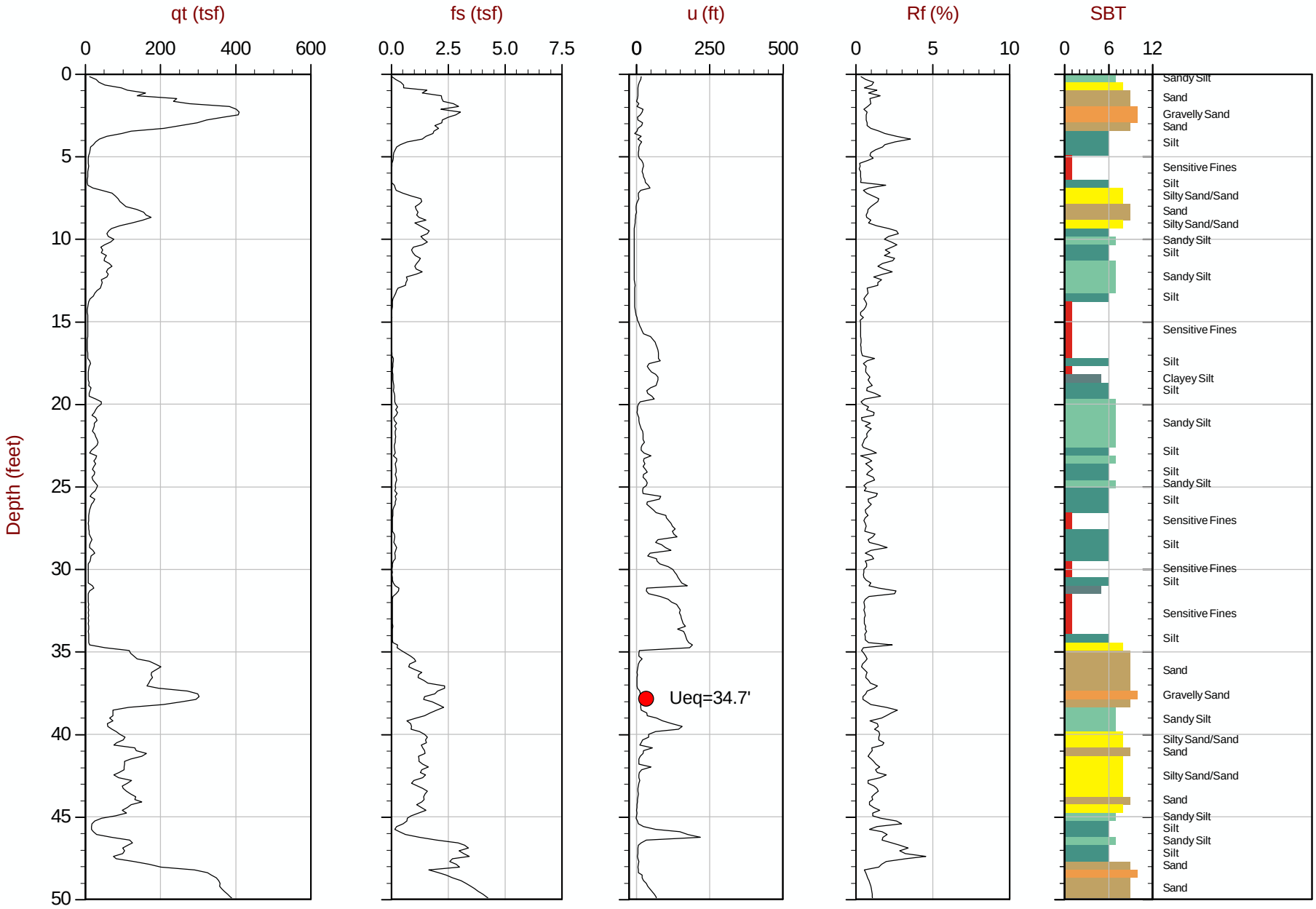
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 04:17
Site: I-15

Sounding: 08-P3-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP42.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

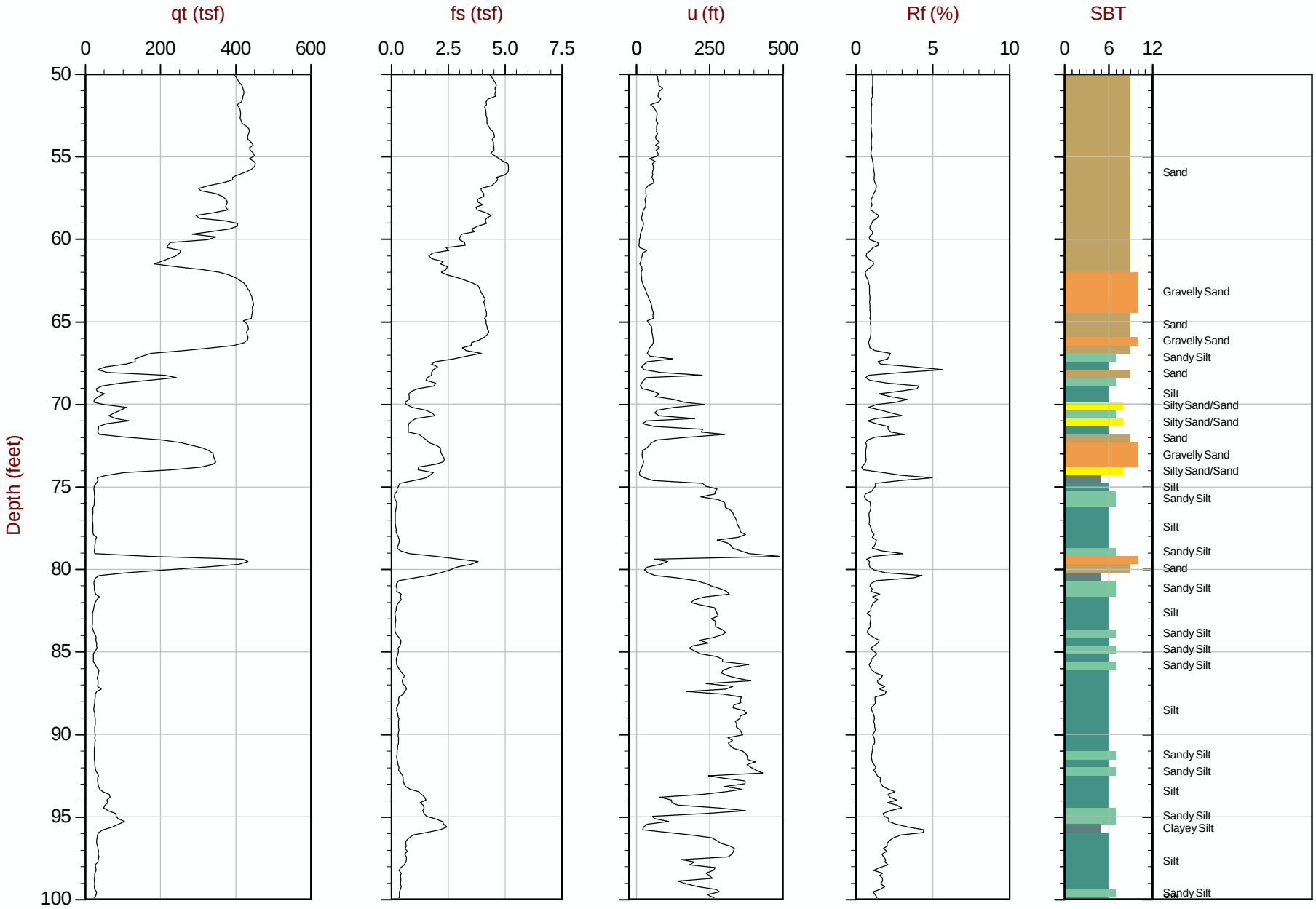
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 04:17
Site: I-15

Sounding: 08-P3-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP42.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

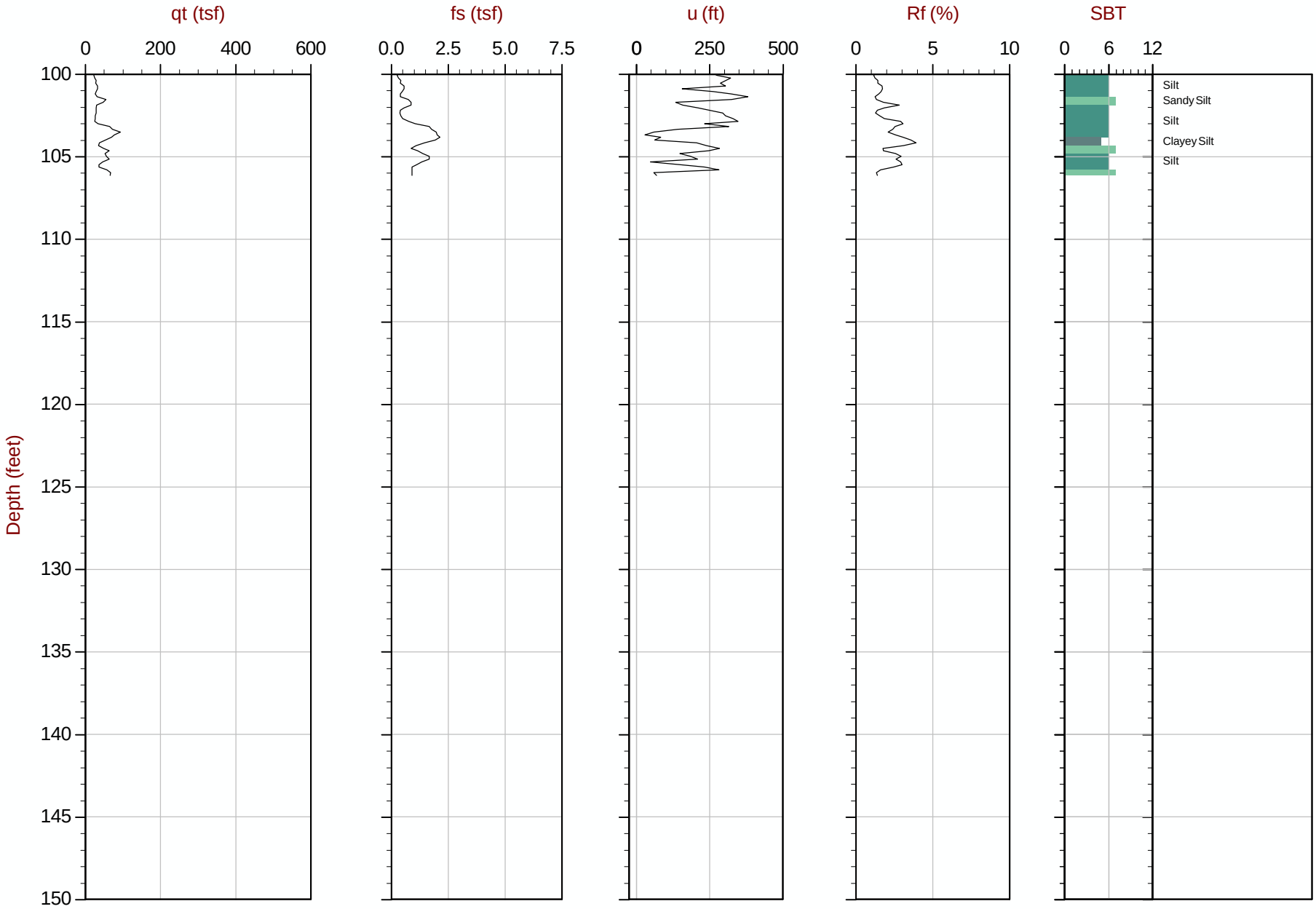
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 04:17
Site: I-15

Sounding: 08-P3-C1
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP42.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

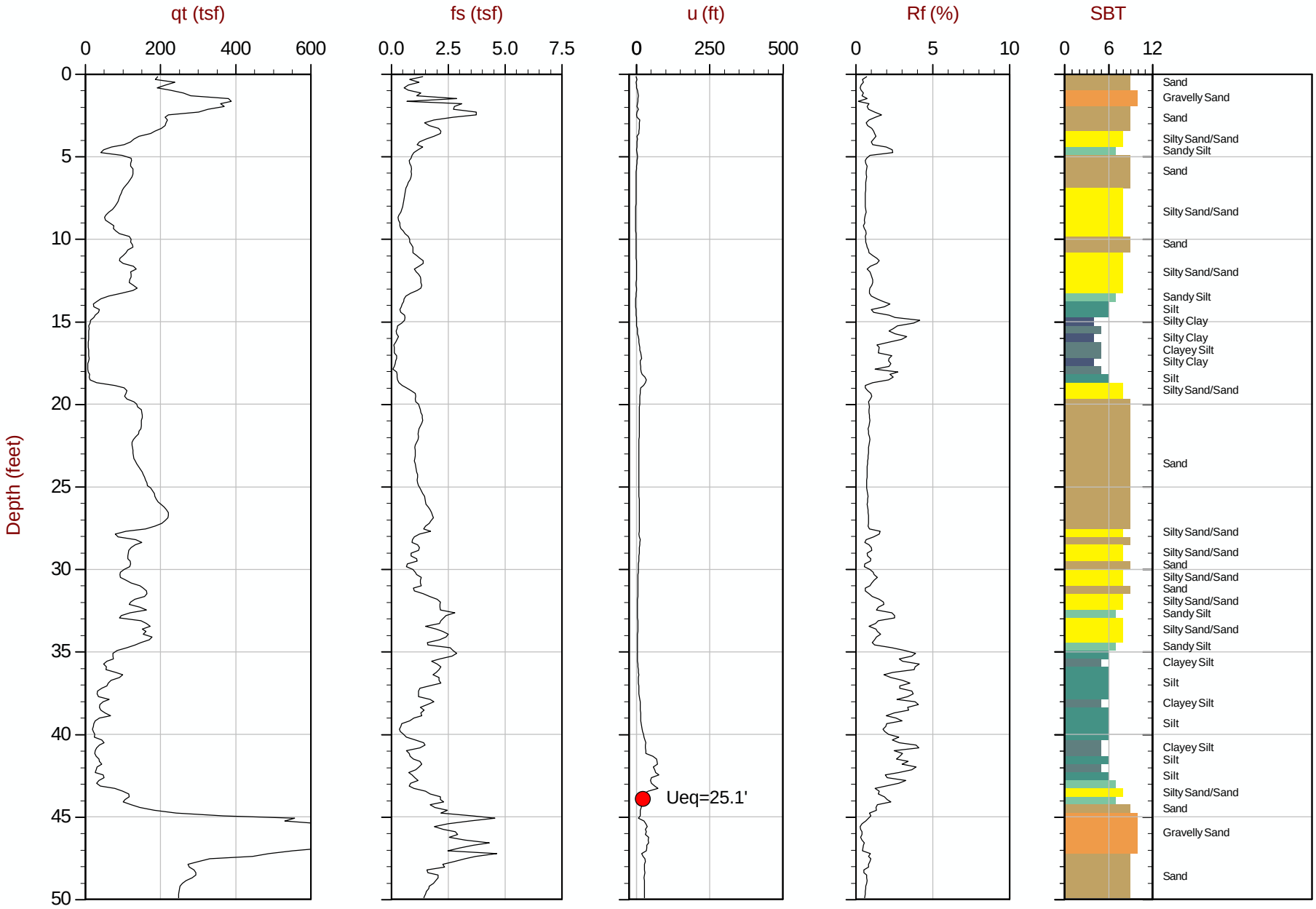
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:24:08 20:40
Site: I-15

Sounding: 08-OR4-C1
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP43.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

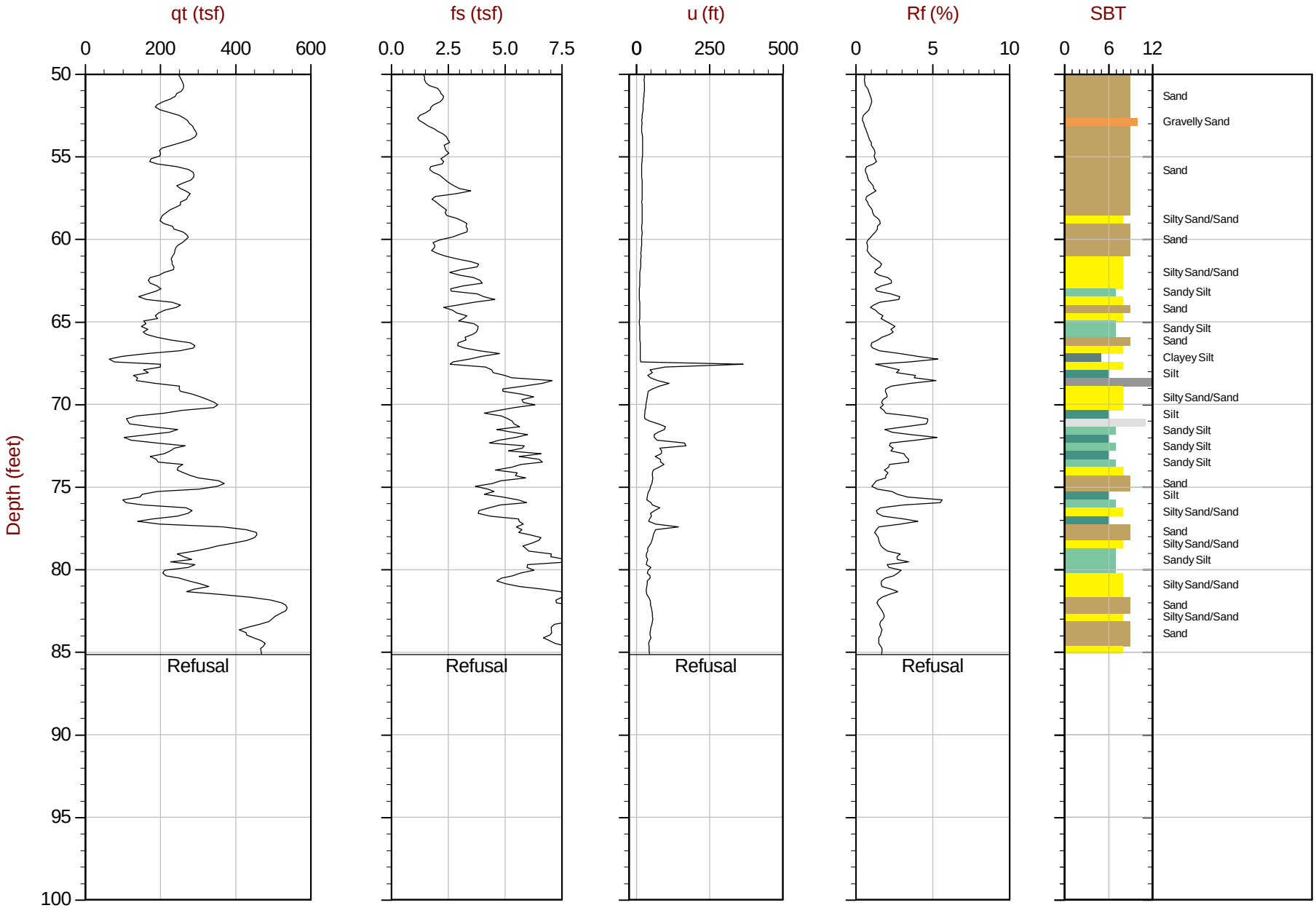
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:24:08 20:40
Site: I-15

Sounding: 08-OR4-C1
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP43.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

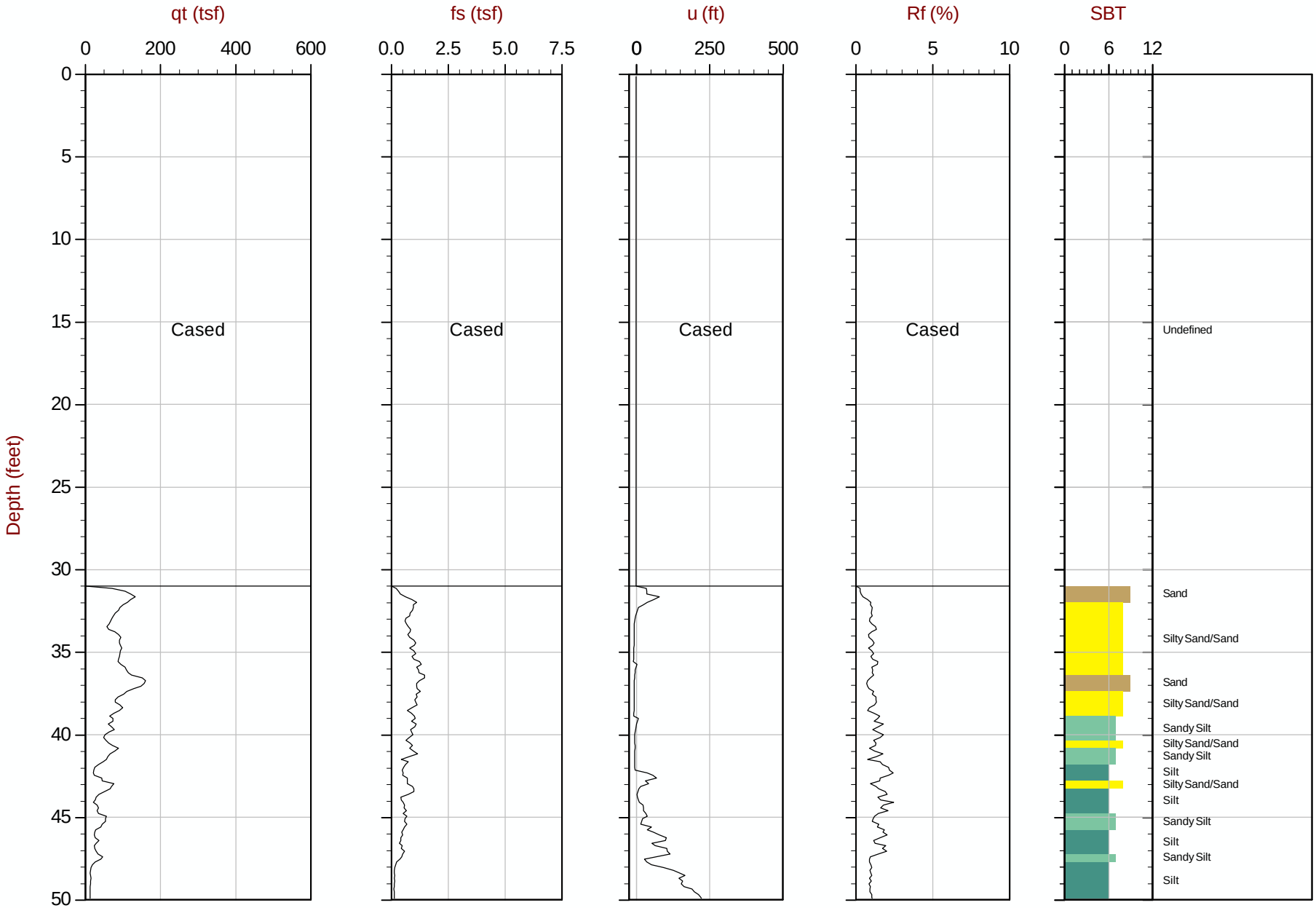
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:24:08 22:32
Site: I-15

Sounding: 08-P6-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP44.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

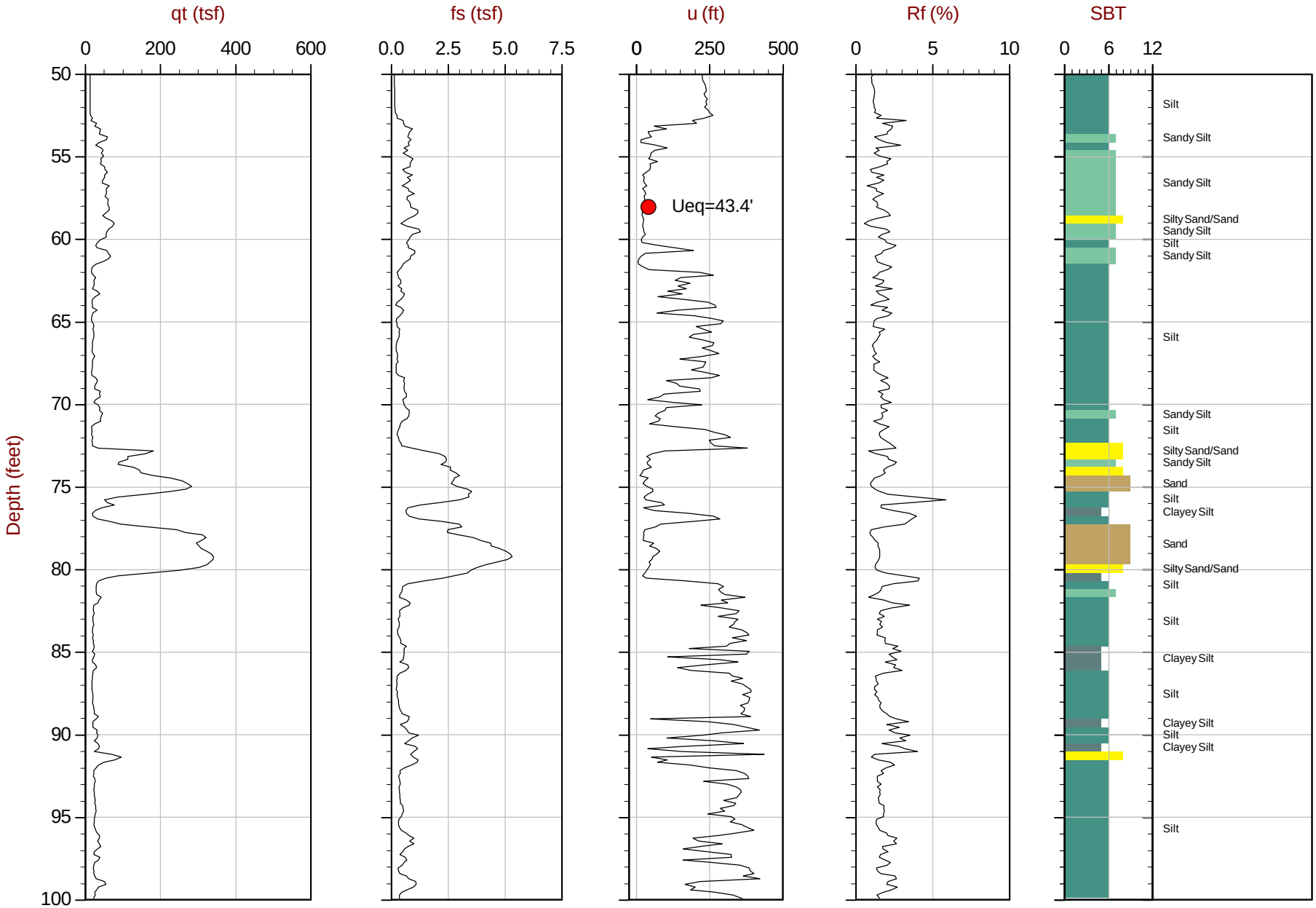
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:24:08 22:32
Site: I-15

Sounding: 08-P6-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP44.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

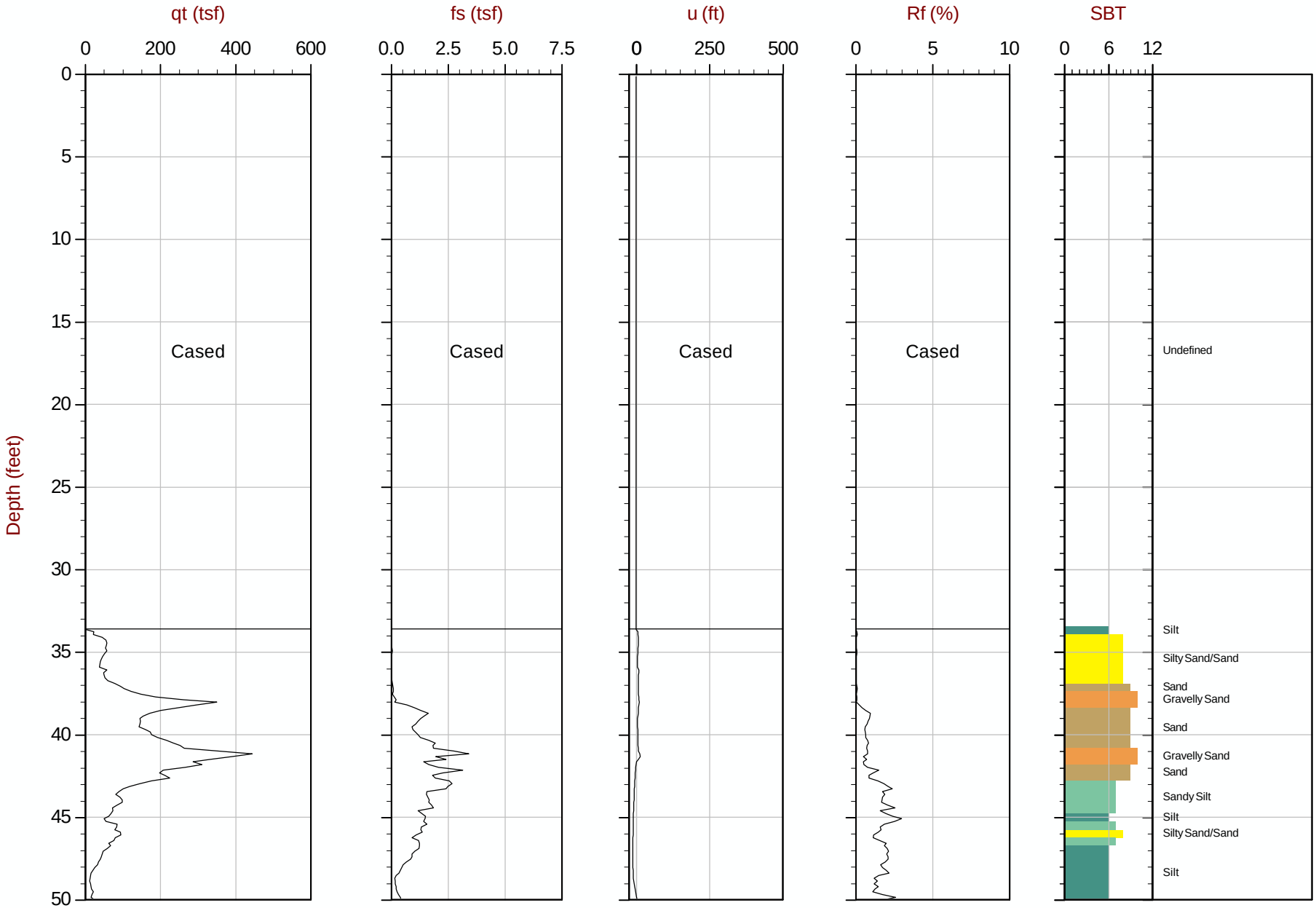
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 12:11:08 22:03
Site: I-15

Sounding: 08-P1-C2
Cone: STD 20T AD146



Max Depth: 25.400 m / 83.33 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP45.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

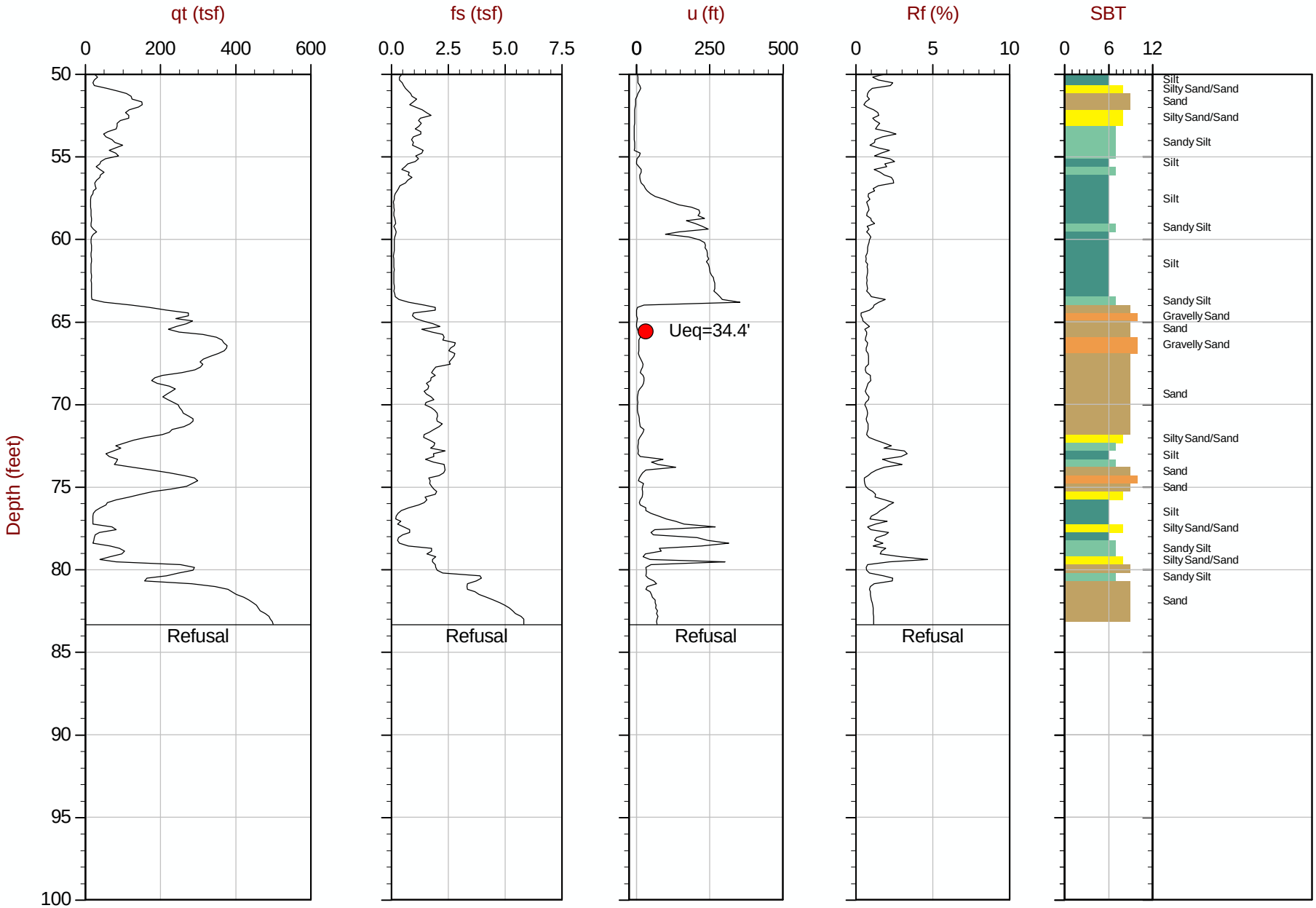
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 12:11:08 22:03
Site: I-15

Sounding: 08-P1-C2
Cone: STD 20T AD146



Max Depth: 25.400 m / 83.33 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP45.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

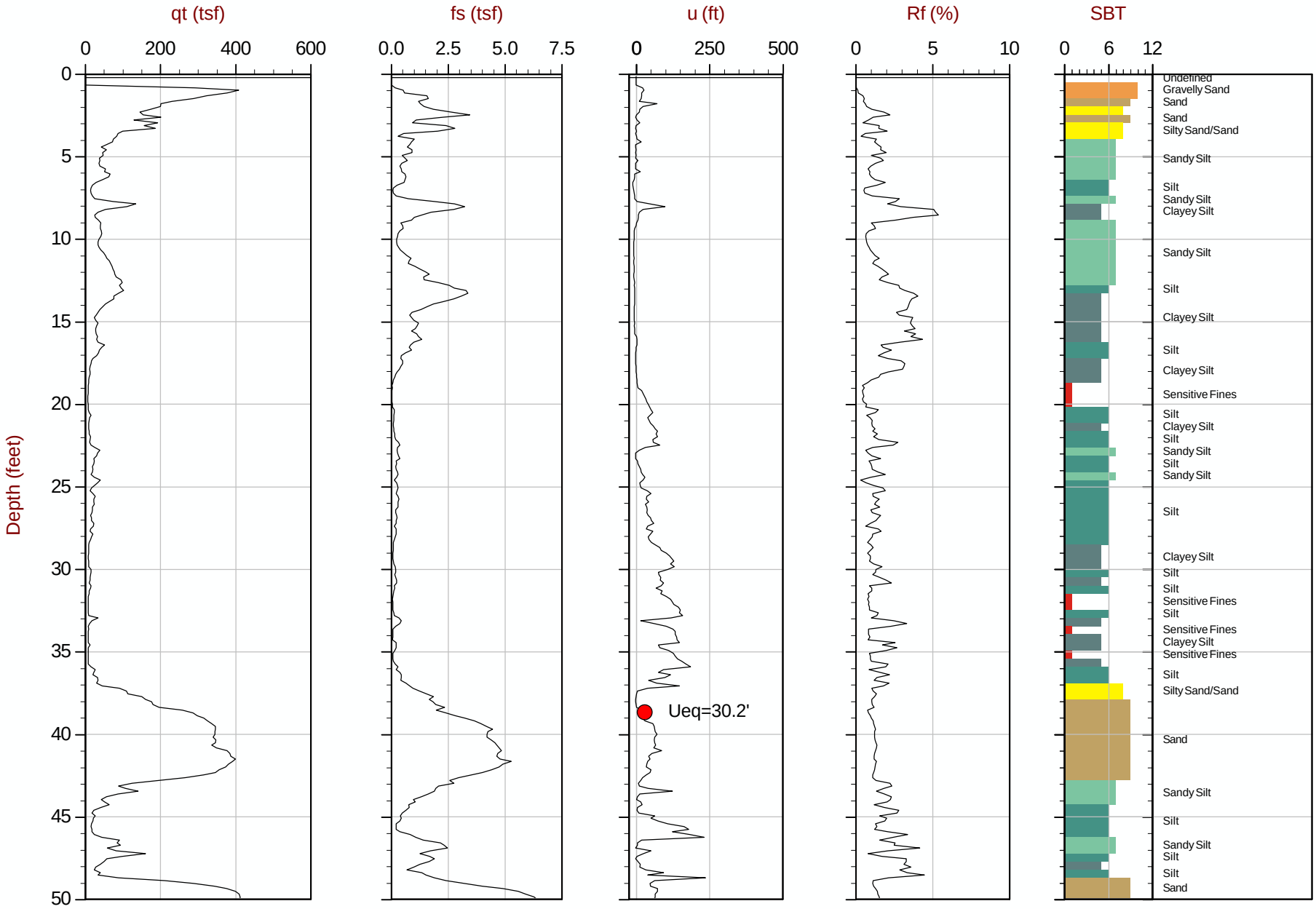
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 01:37
Site: I-15

Sounding: 08-P3-C2
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP46.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

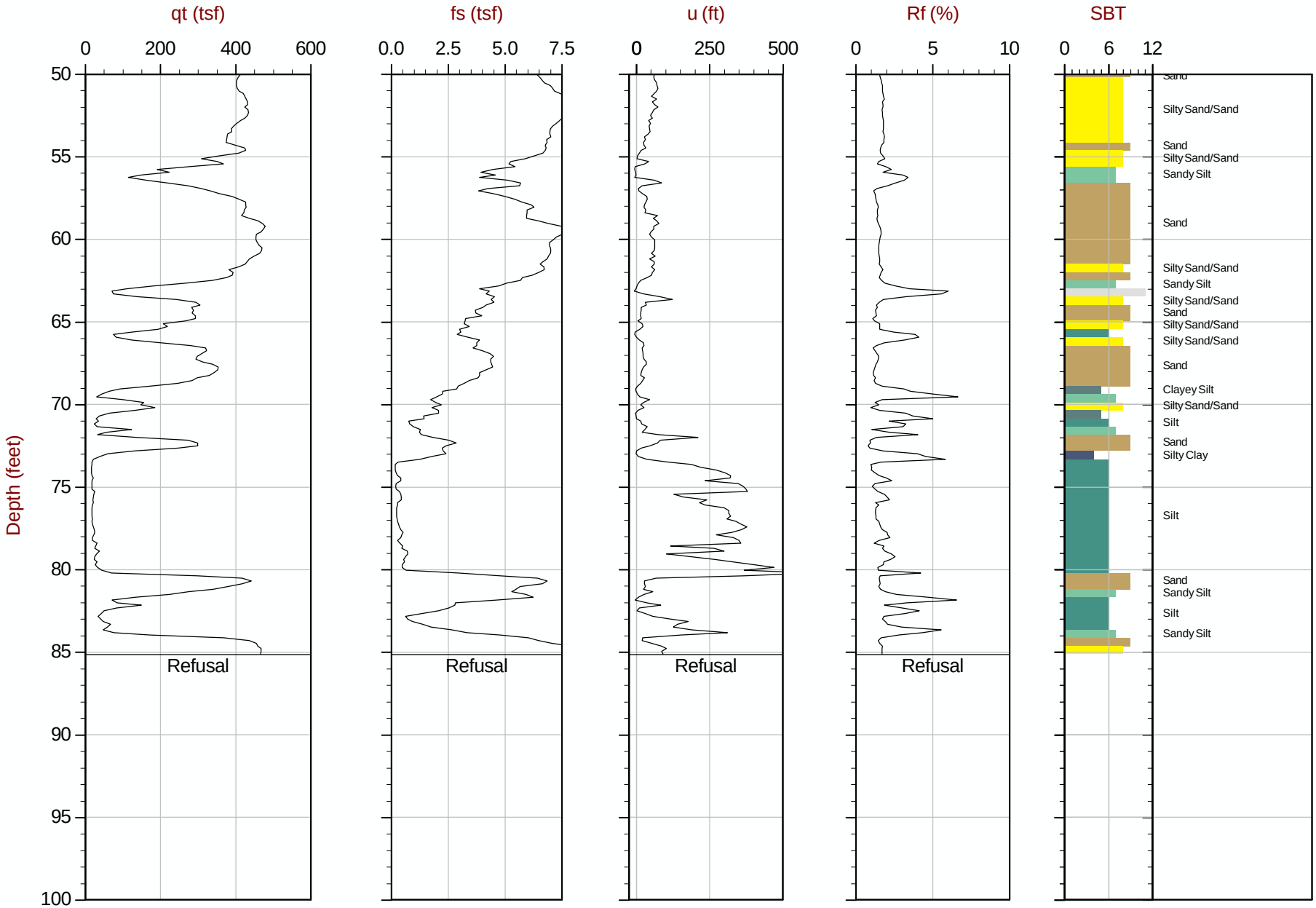
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 01:37
Site: I-15

Sounding: 08-P3-C2
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP46.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

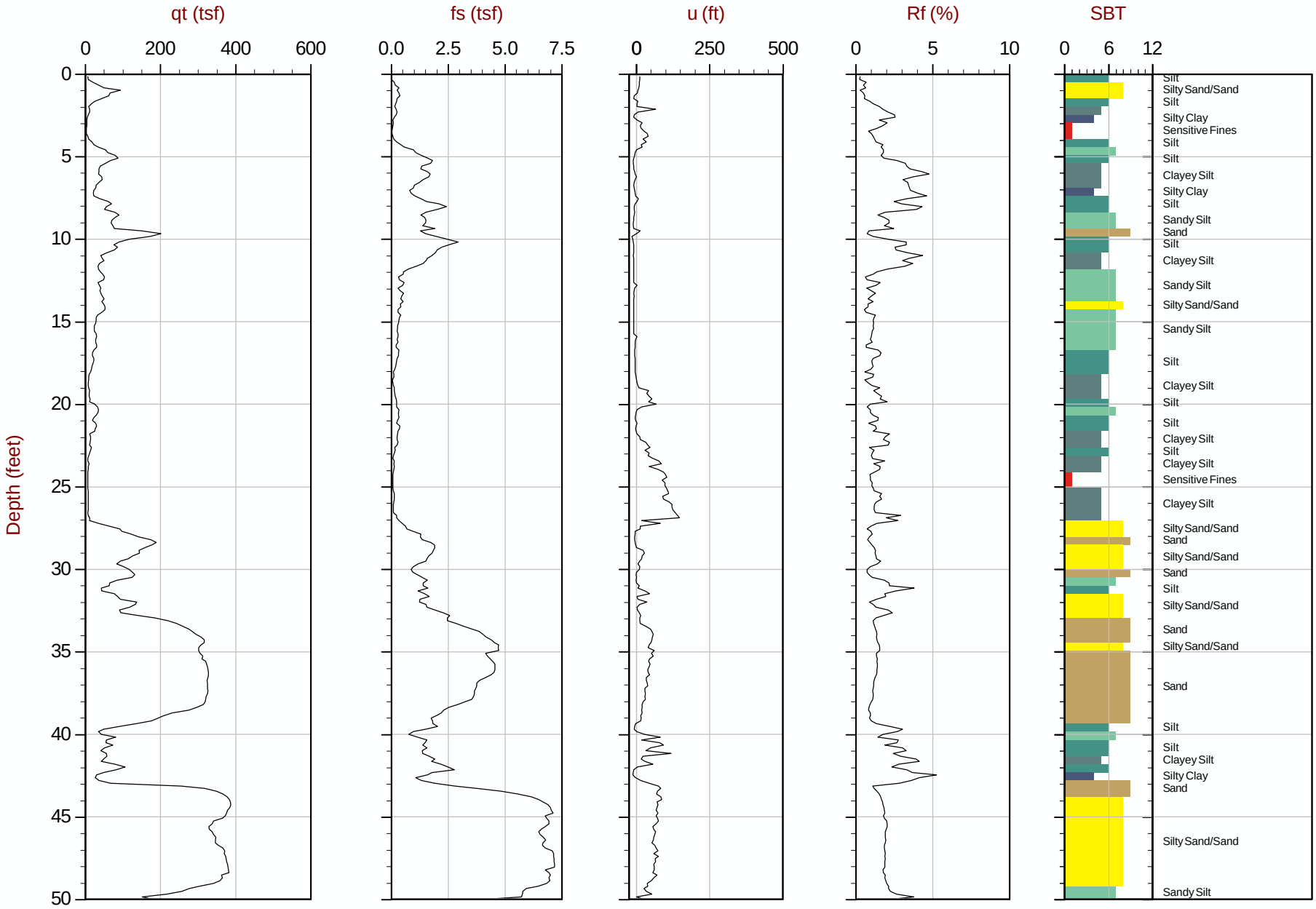
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 03:03
Site: I-15

Sounding: 08-P2-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP47.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

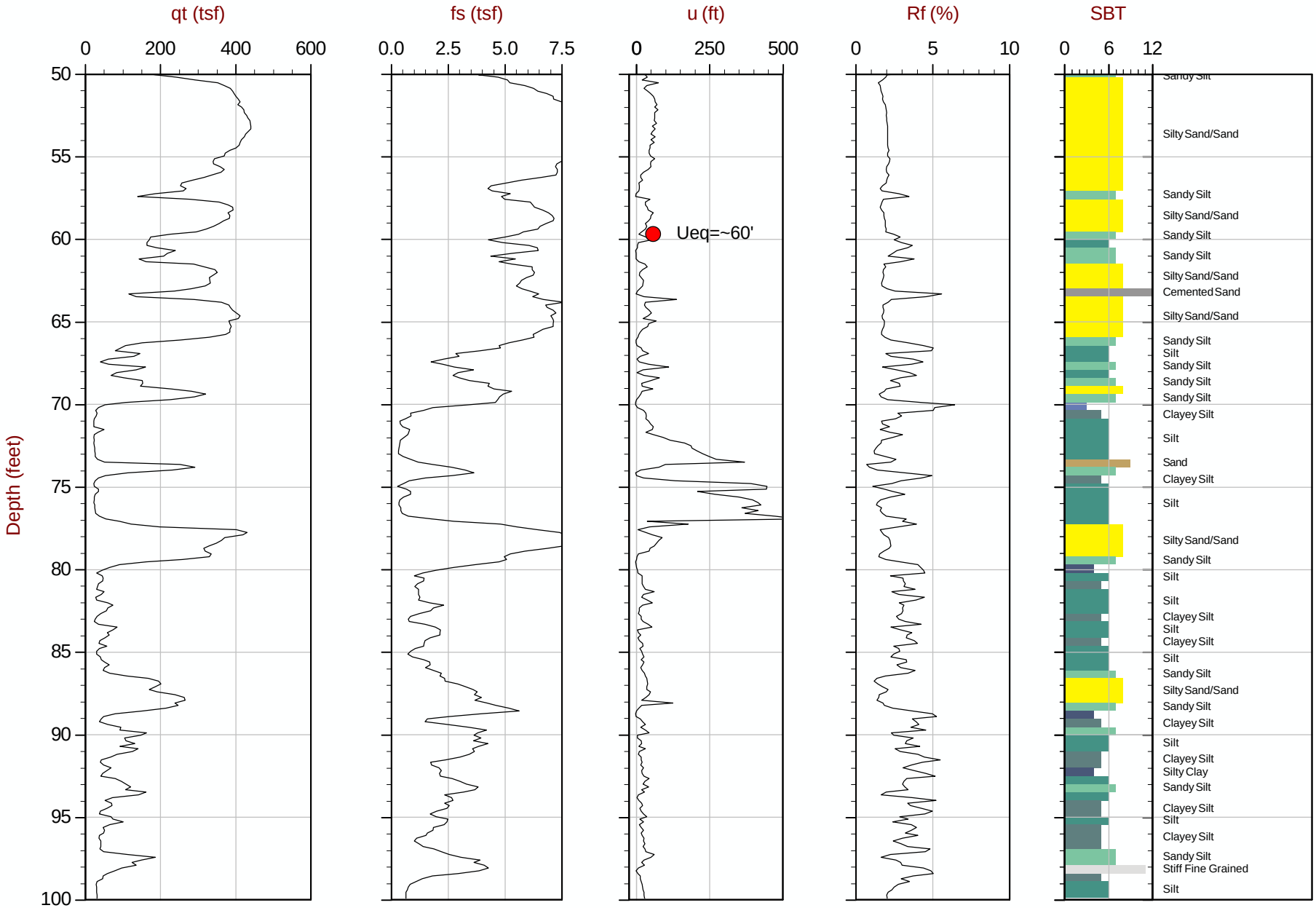
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 03:03
Site: I-15

Sounding: 08-P2-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP47.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

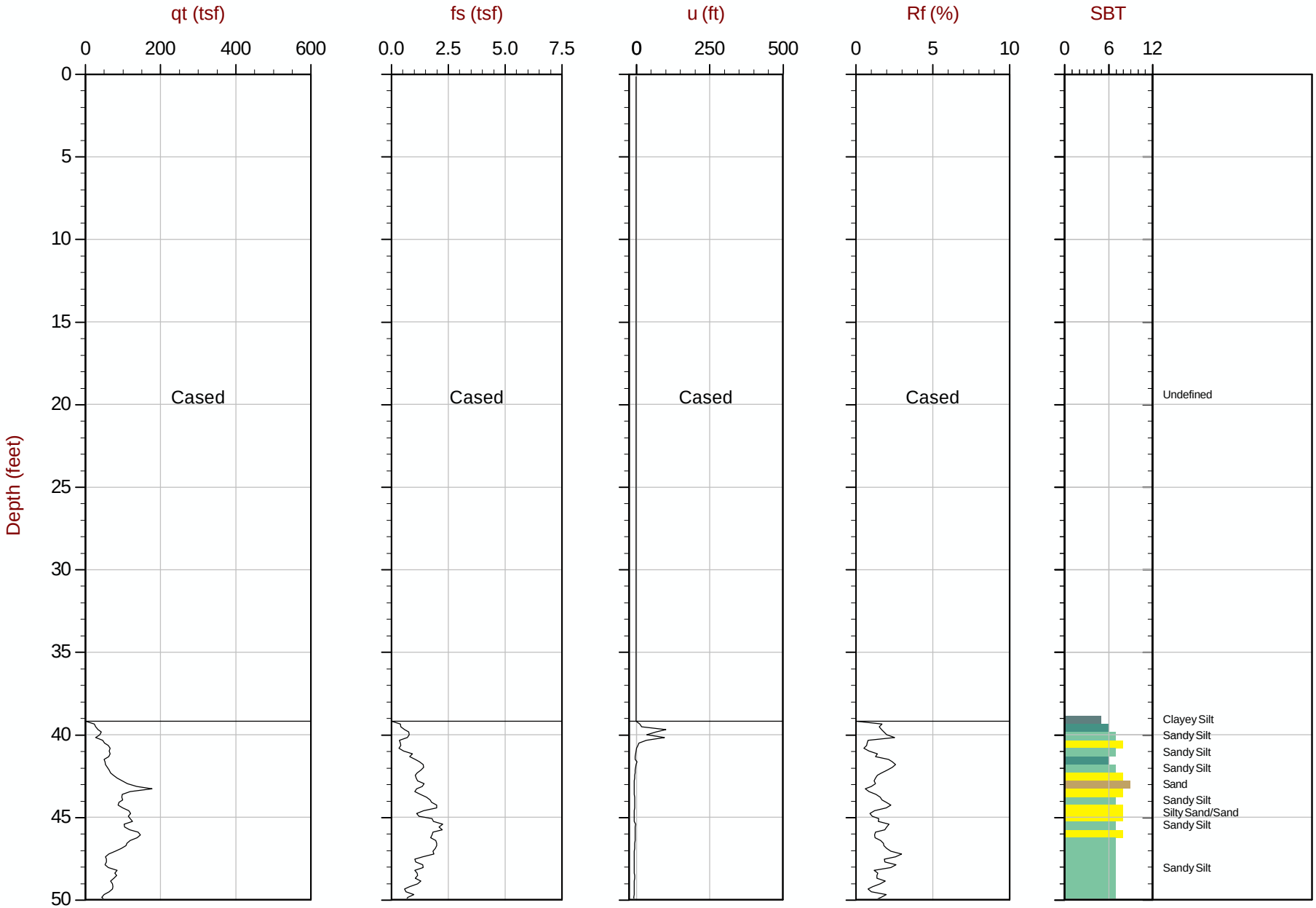
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 04:43
Site: I-15

Sounding: 08-P1-C1
Cone: STD 20T AD146



Max Depth: 25.000 m / 82.02 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP48.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

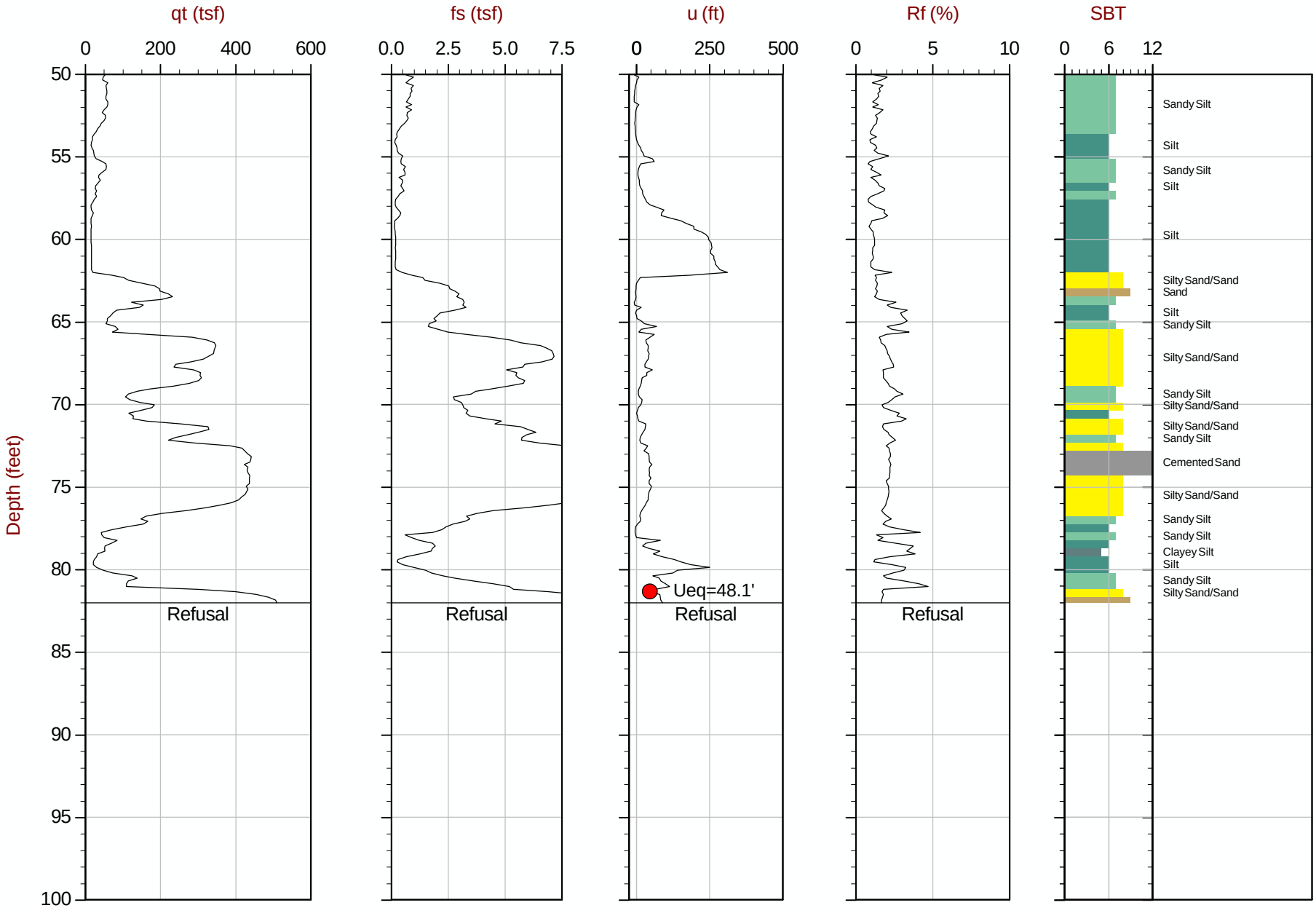
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 04:43
Site: I-15

Sounding: 08-P1-C1
Cone: STD 20T AD146



Max Depth: 25.000 m / 82.02 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP48.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

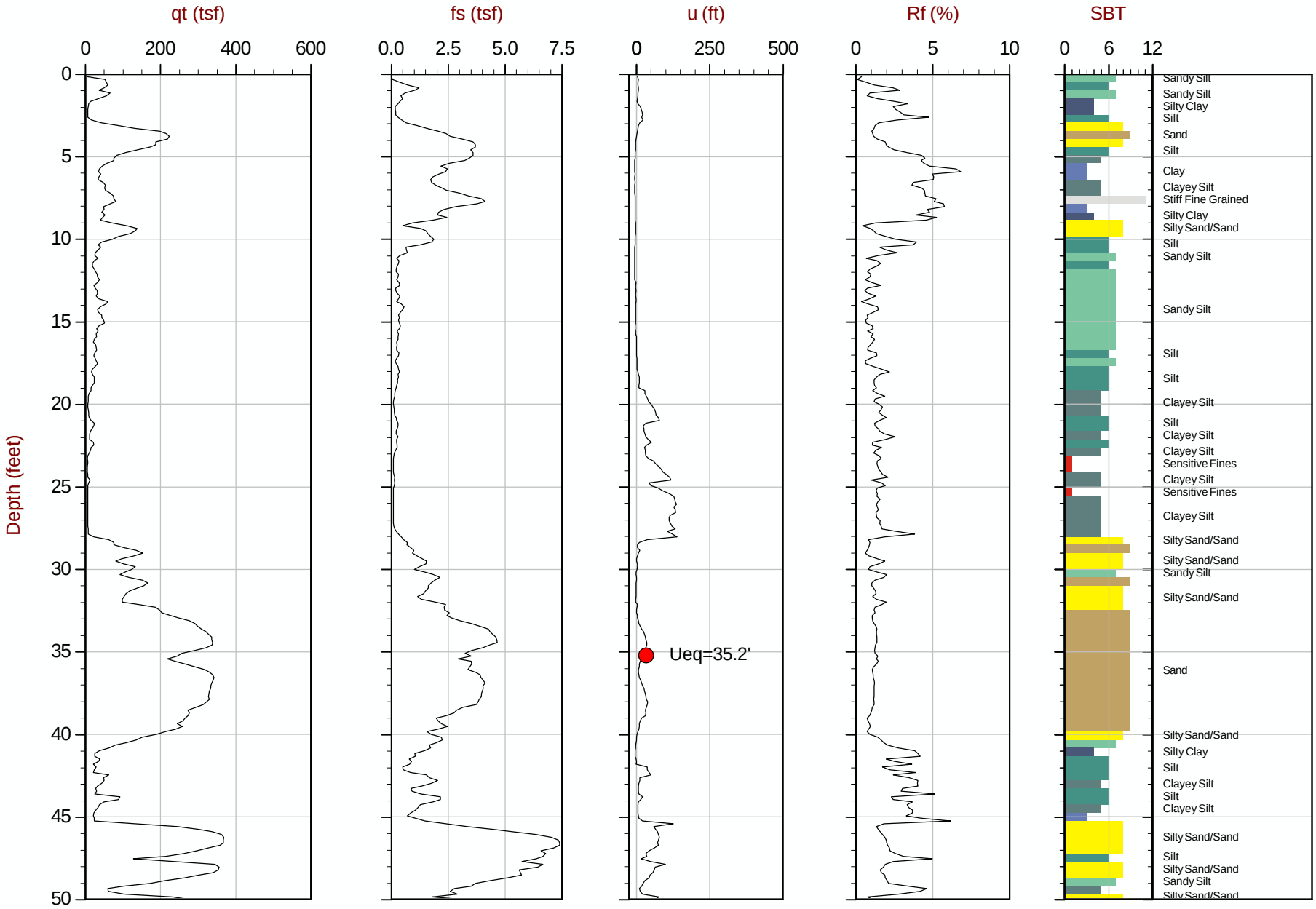
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

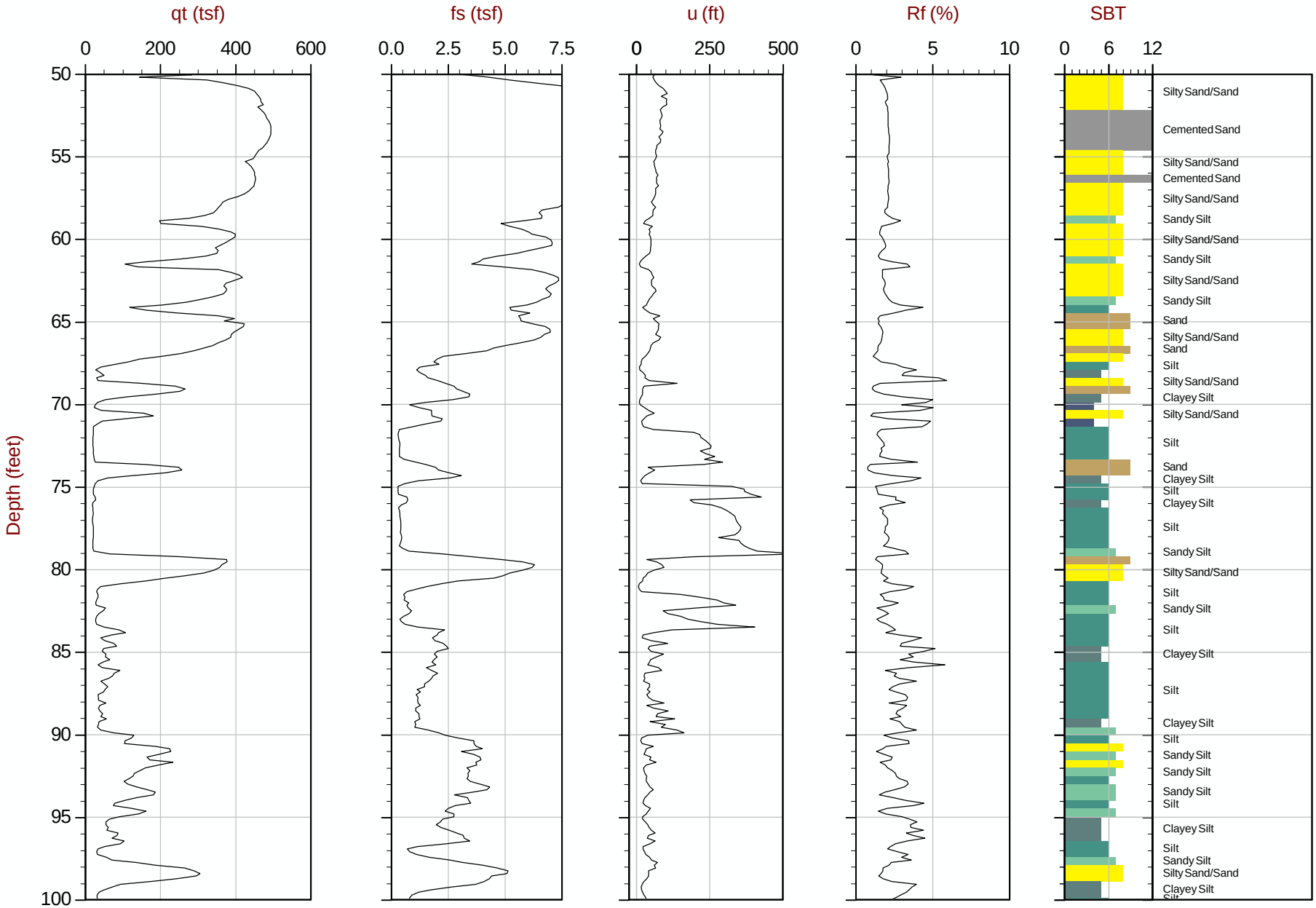
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

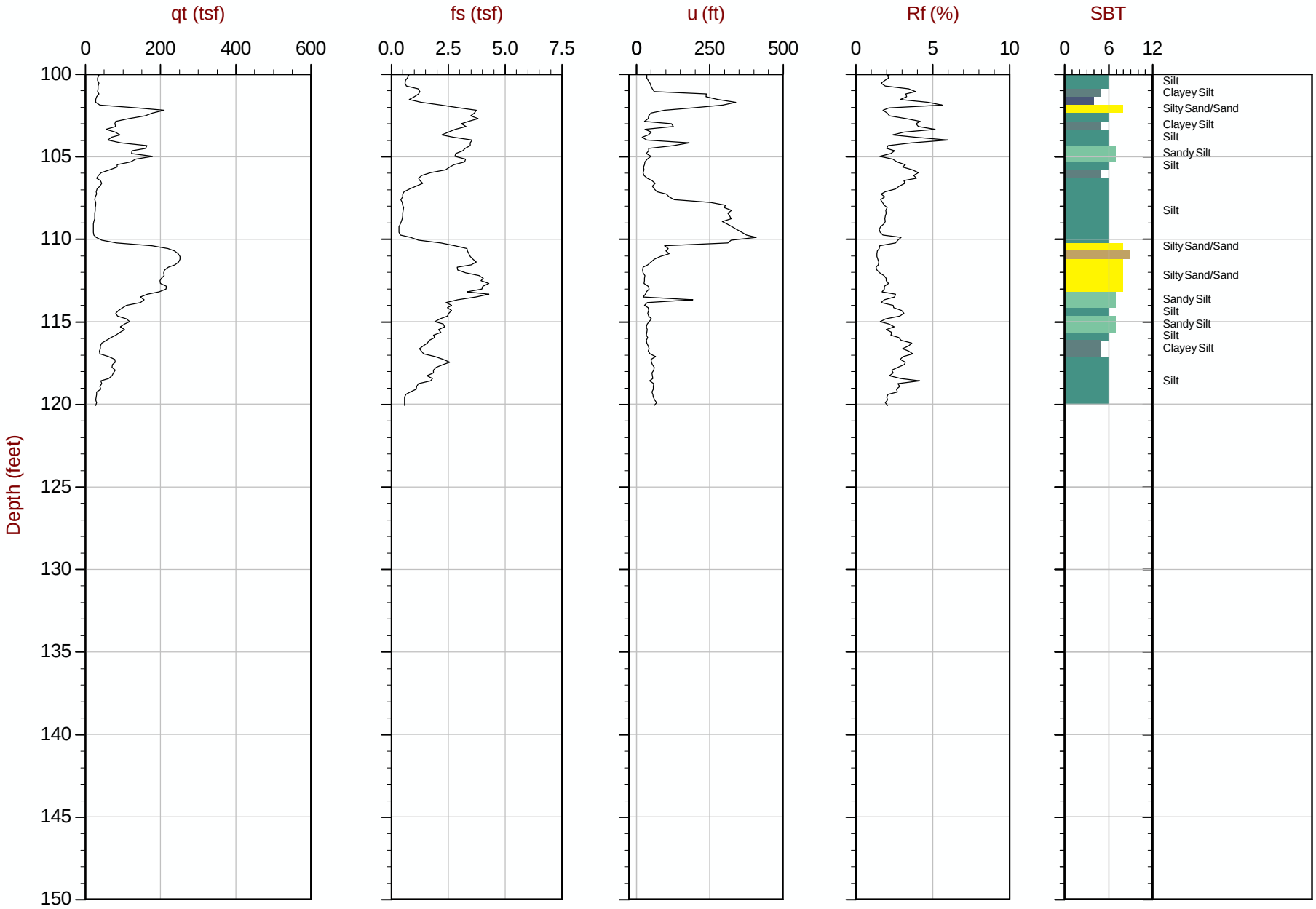
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

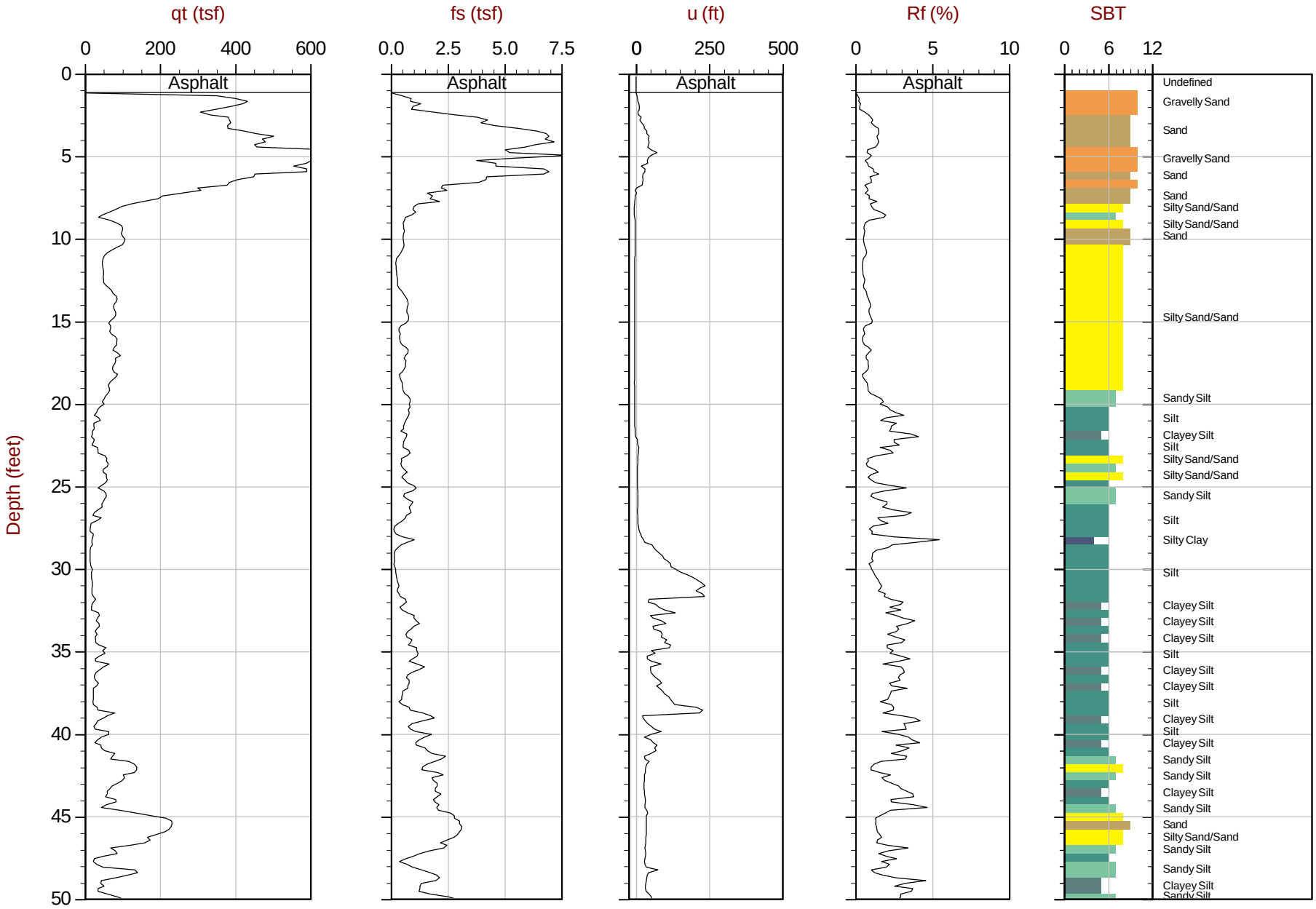
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 22:49
Site: I-15

Sounding: 08-OR7-C4
Cone: STD 20T AD146



Max Depth: 28.500 m / 93.50 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP50.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

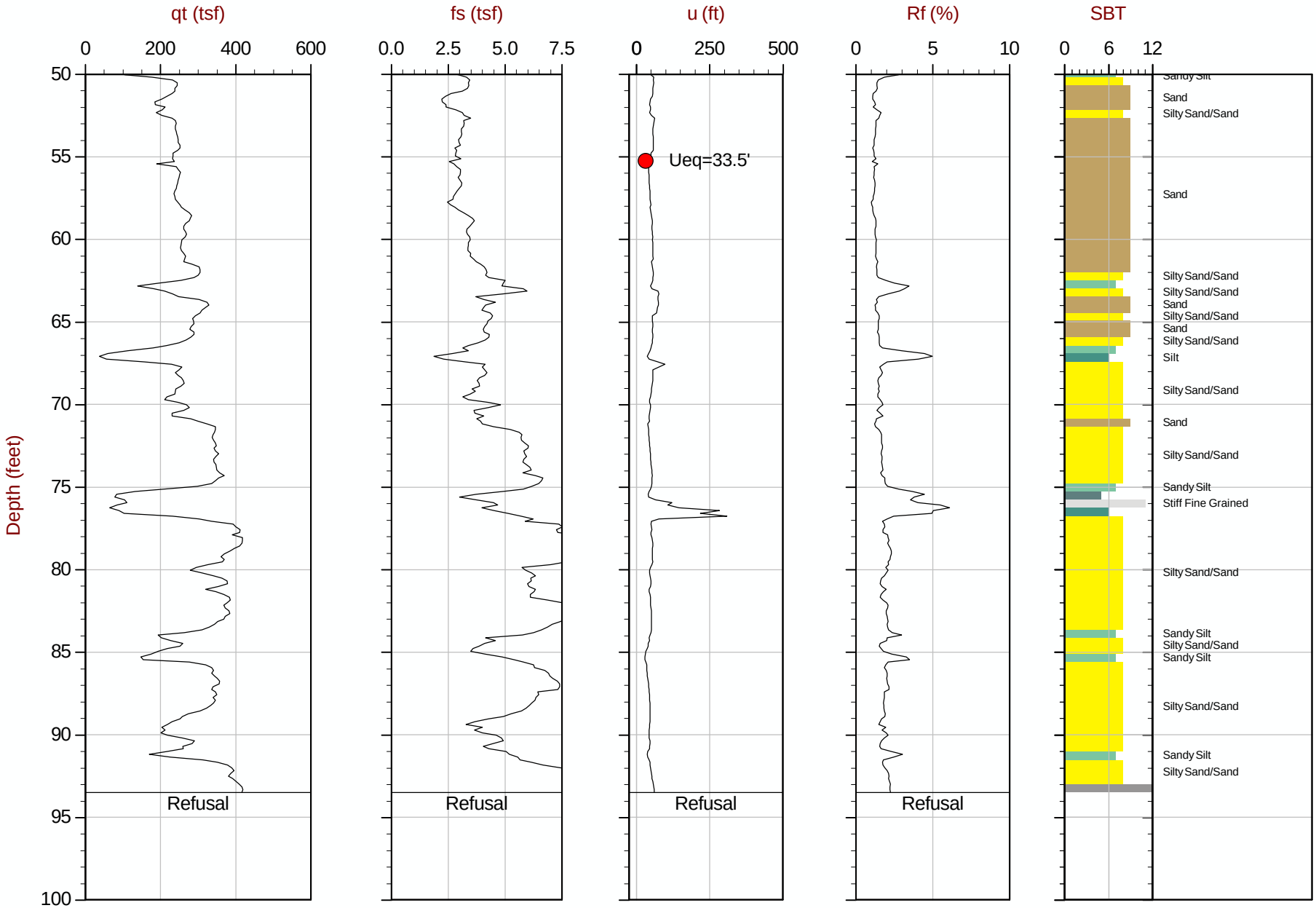
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 22:49
Site: I-15

Sounding: 08-OR7-C4
Cone: STD 20T AD146



Max Depth: 28.500 m / 93.50 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP50.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

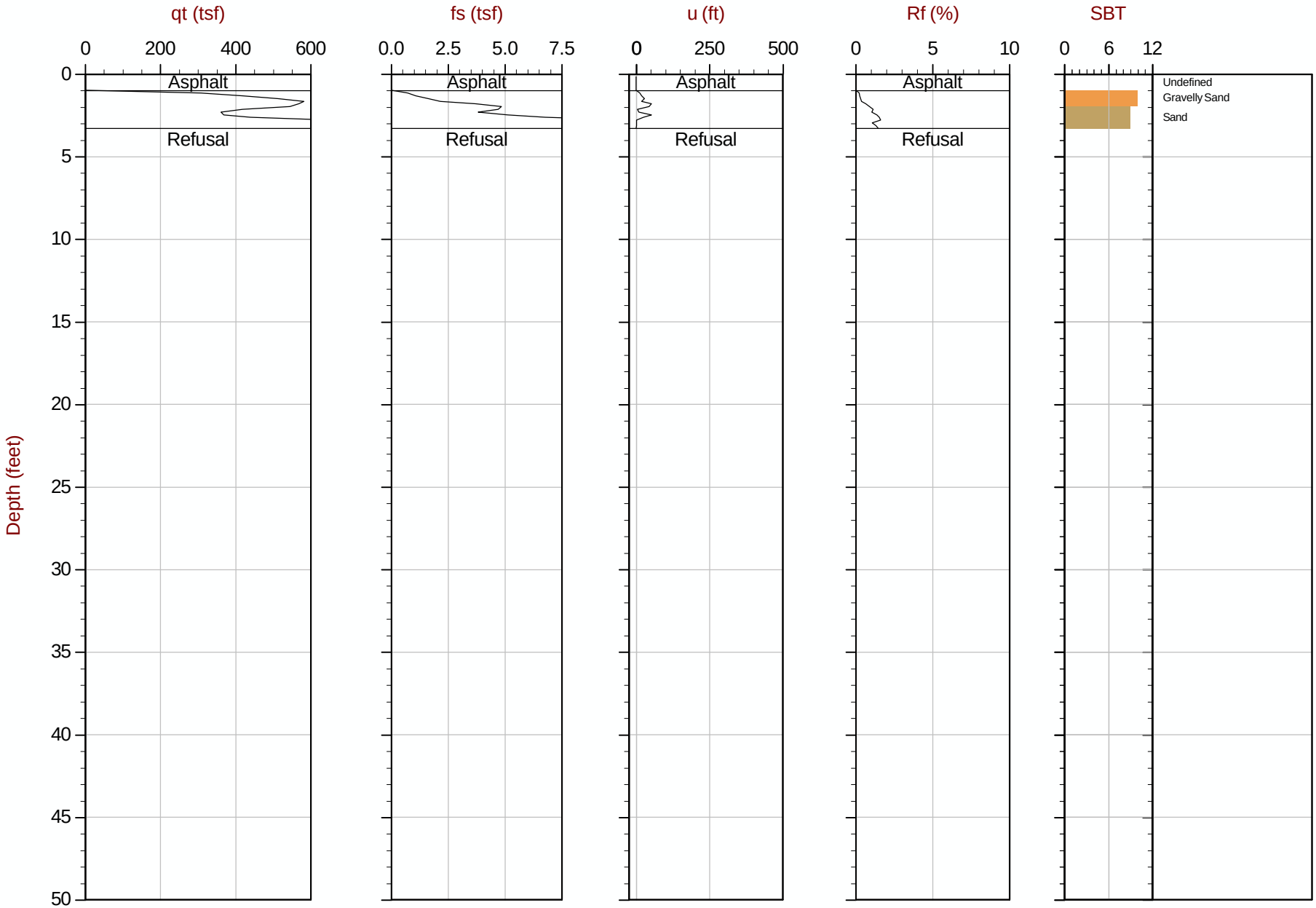
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 00:21
Site: I-15

Sounding: 08-OR7-C2
Cone: STD 20T AD146



Max Depth: 1.000 m / 3.28 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP51.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

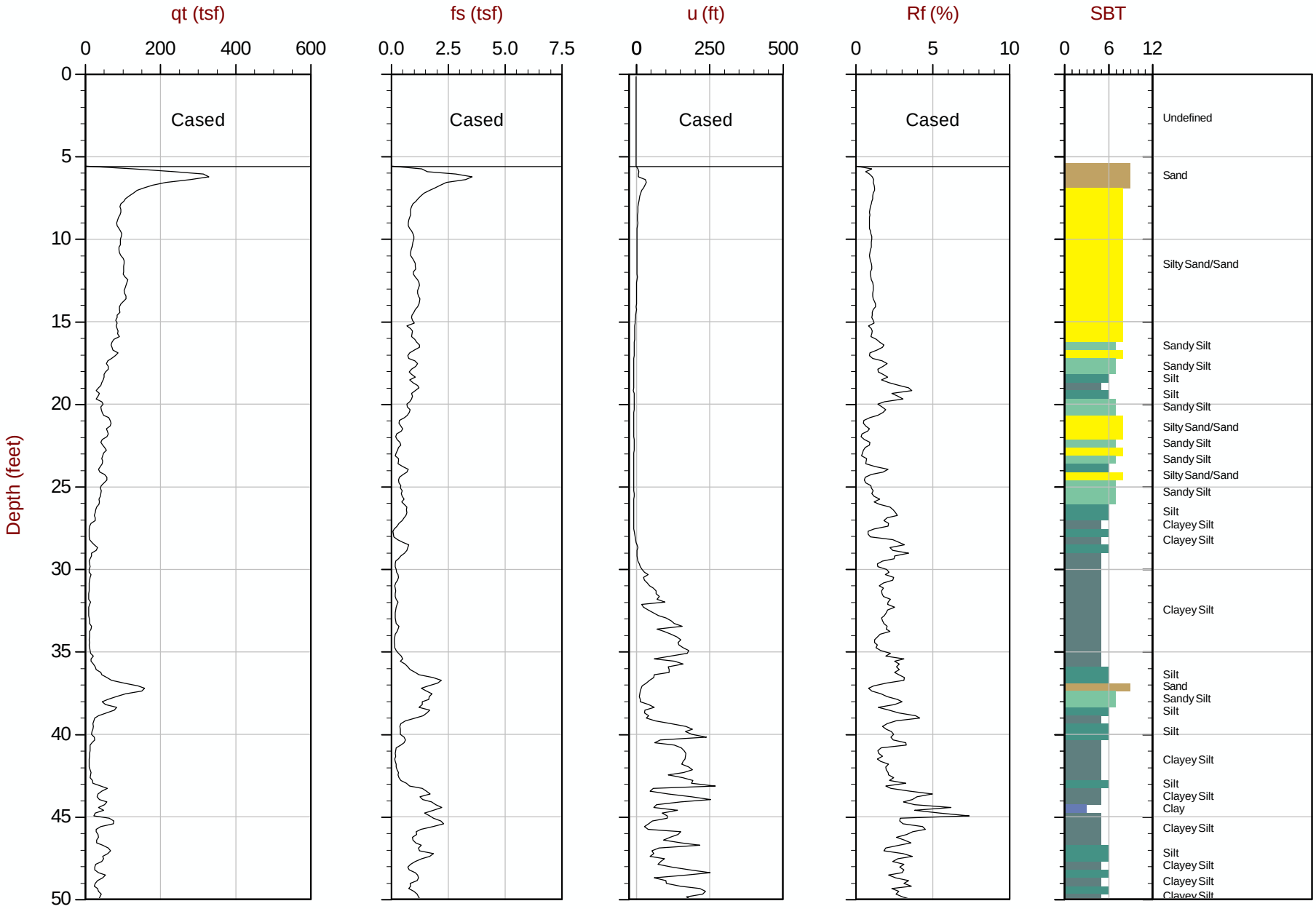
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 04:31
Site: I-15

Sounding: 08-OR7-C2
Cone: STD 20T AD146



Max Depth: 35.750 m / 117.29 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP51A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

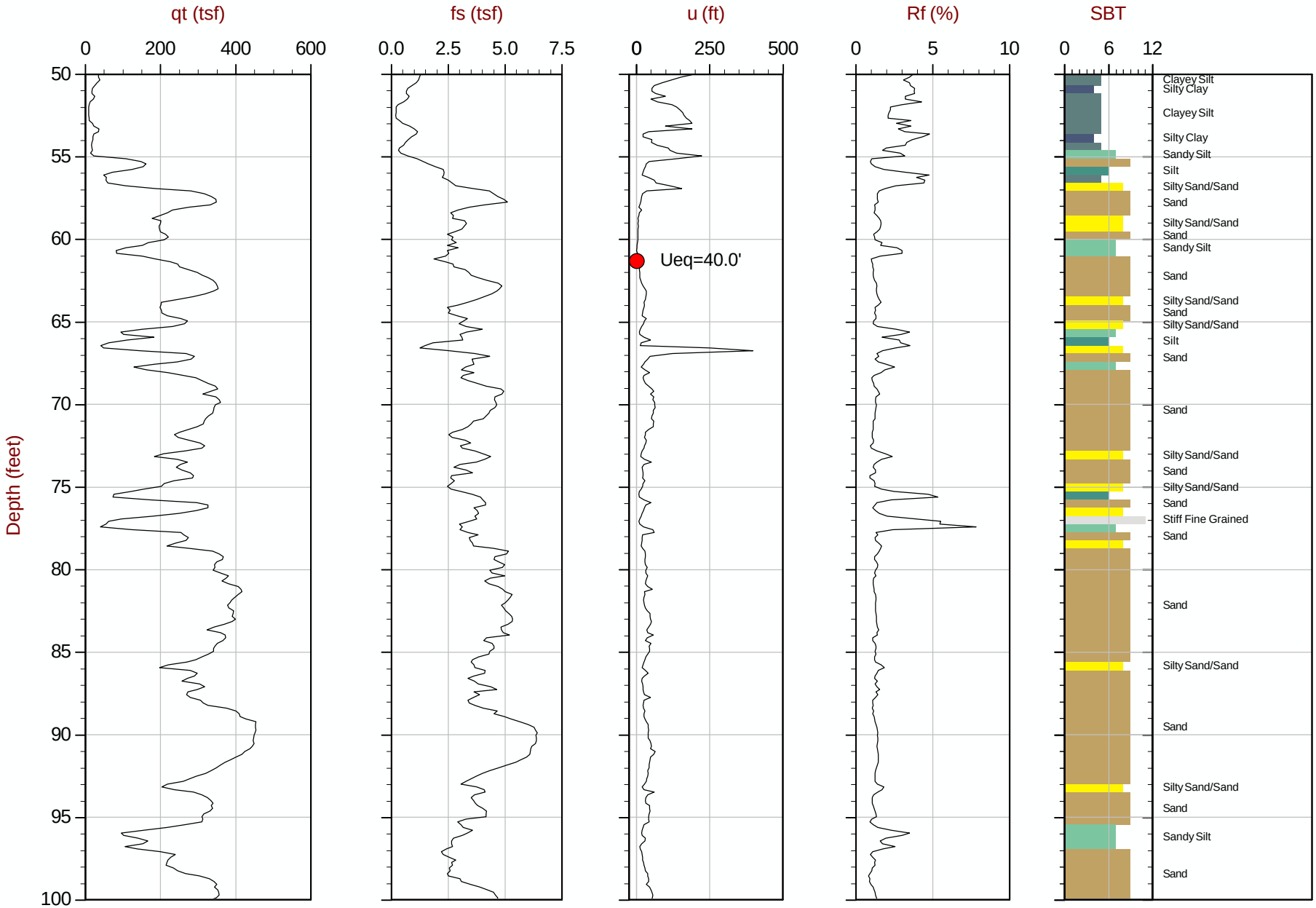
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 04:31
Site: I-15

Sounding: 08-OR7-C2
Cone: STD 20T AD146



Max Depth: 35.750 m / 117.29 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP51A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

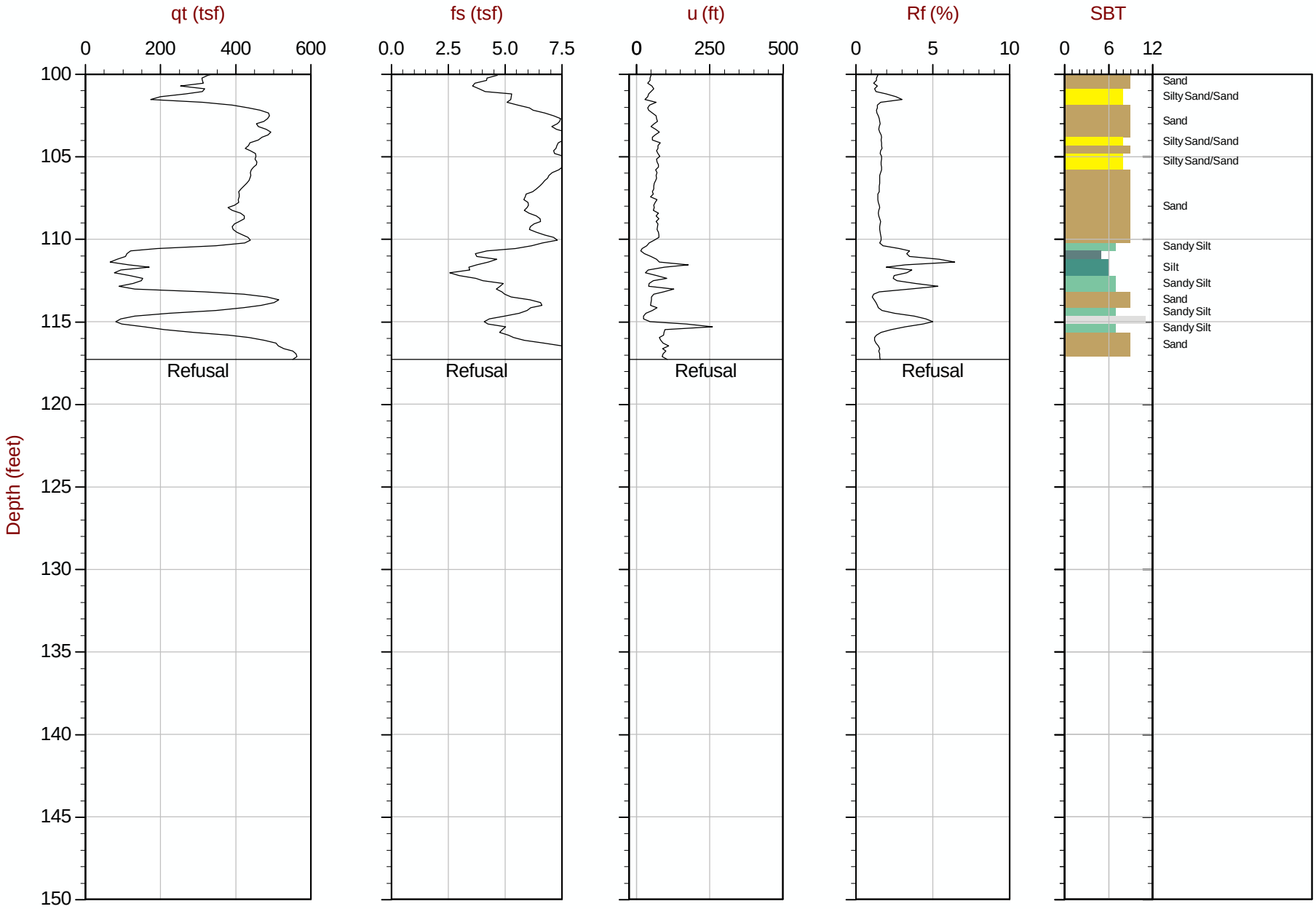
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 04:31
Site: I-15

Sounding: 08-OR7-C2
Cone: STD 20T AD146



Max Depth: 35.750 m / 117.29 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP51A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

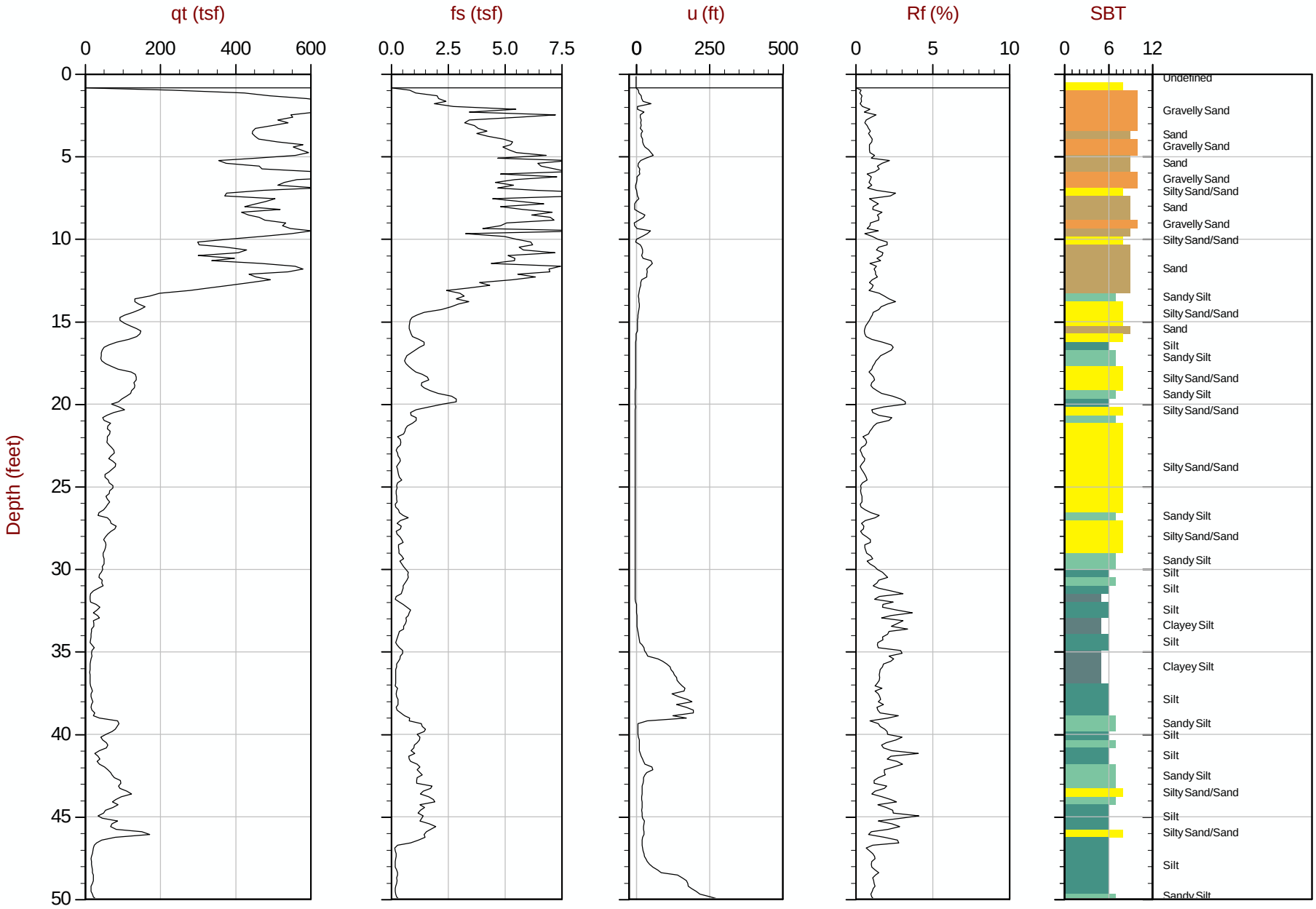
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 00:55
Site: I-15

Sounding: 08-OR7-C1
Cone: STD 20T AD146



Max Depth: 36.450 m / 119.59 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP52.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

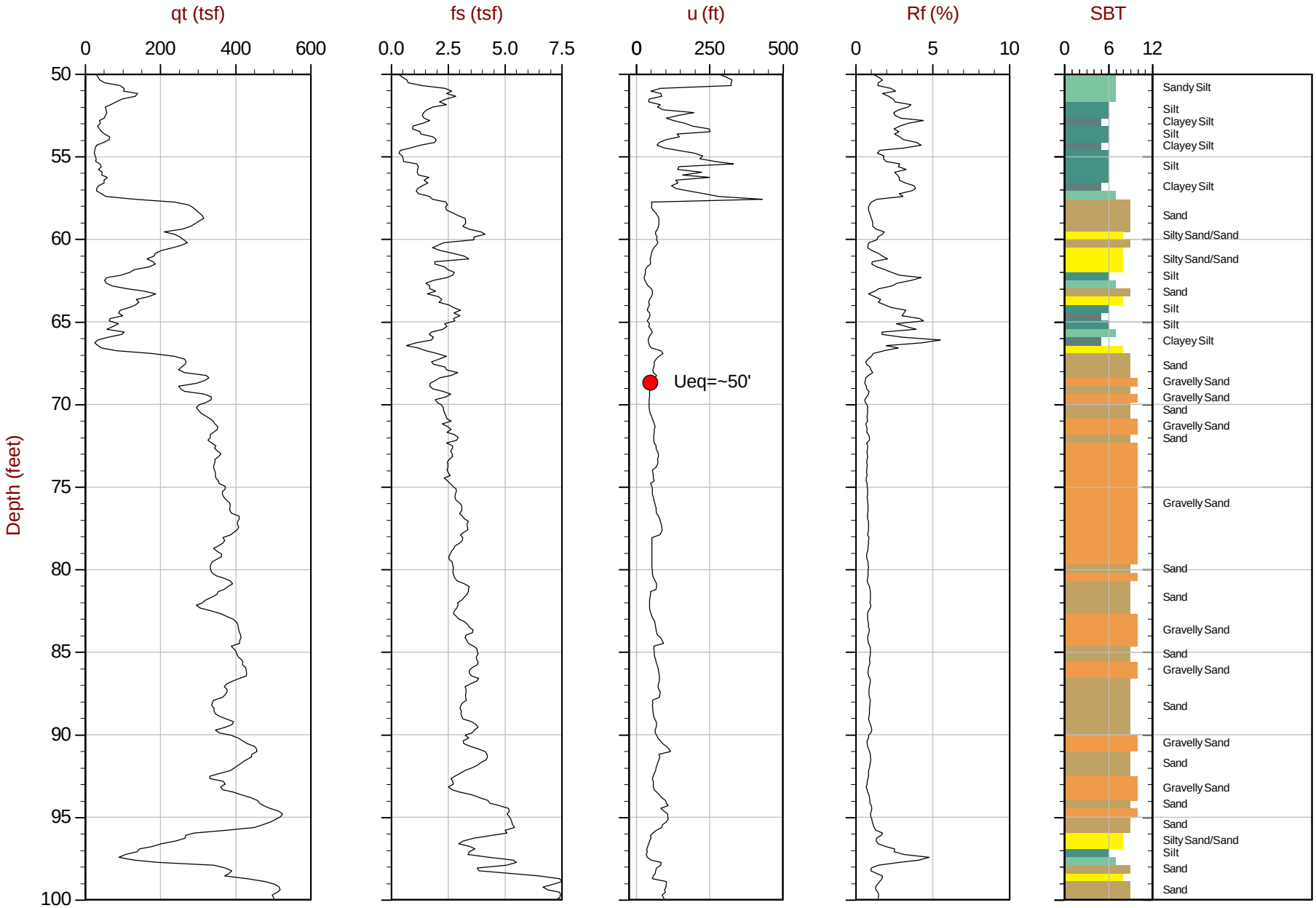
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 00:55
Site: I-15

Sounding: 08-OR7-C1
Cone: STD 20T AD146



Max Depth: 36.450 m / 119.59 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP52.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

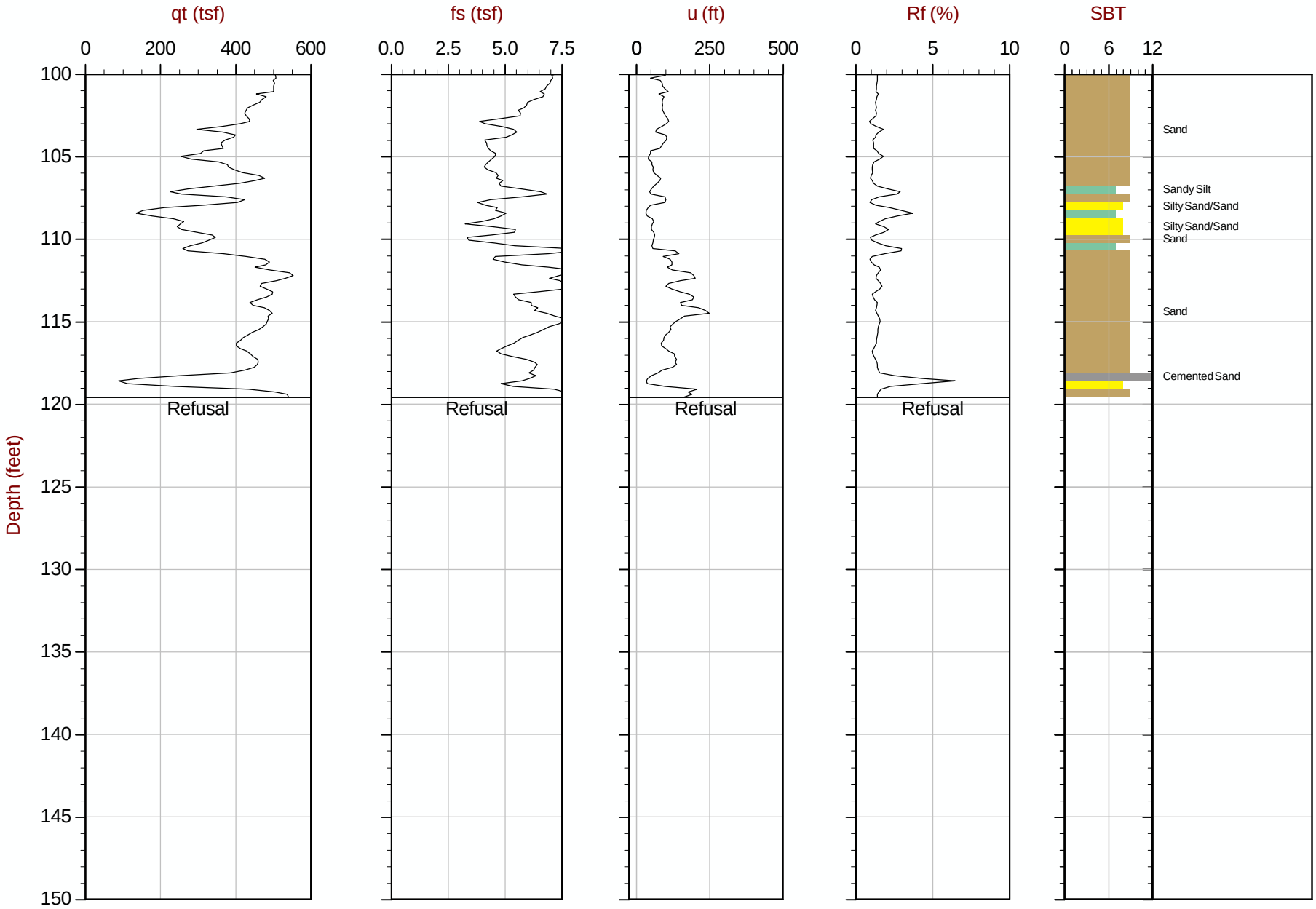
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 00:55
Site: I-15

Sounding: 08-OR7-C1
Cone: STD 20T AD146



Max Depth: 36.450 m / 119.59 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP52.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

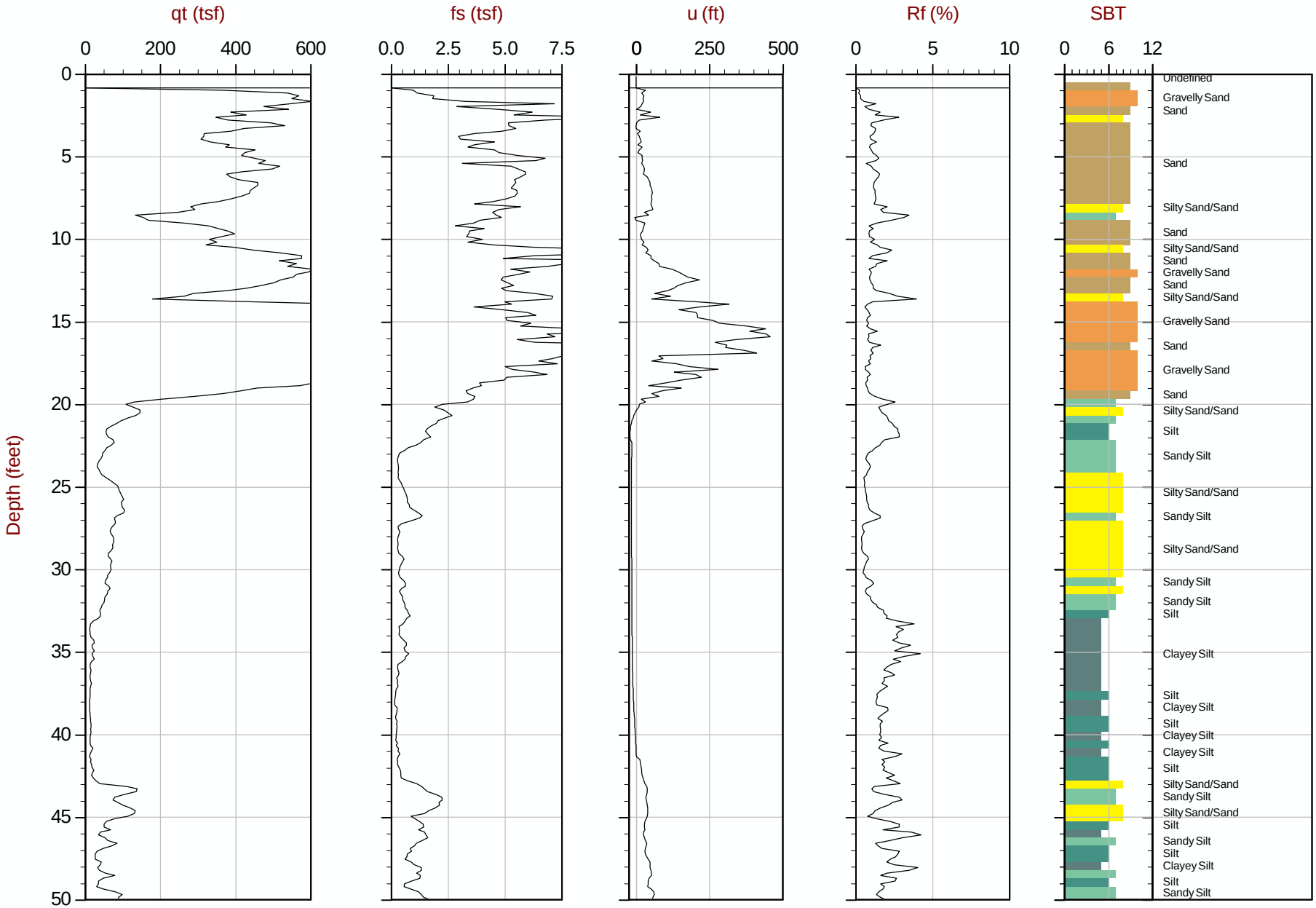
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 02:51
Site: I-15

Sounding: 08-OR7-C3
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP53.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

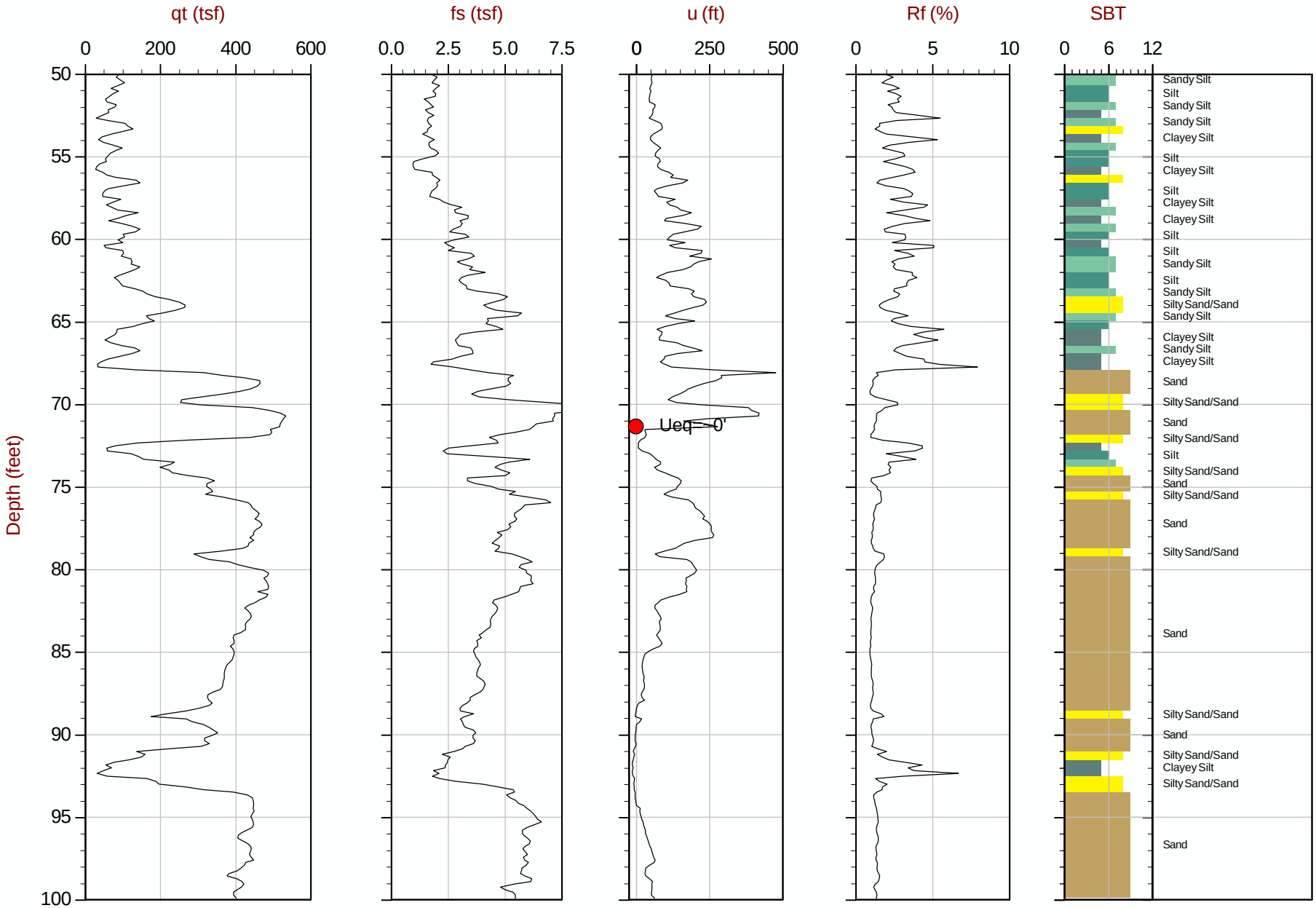
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 02:51
Site: I-15

Sounding: 08-OR7-C3
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP53.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

● Equilibrium Pore Pressure from Dissipation

PPD PLOTS

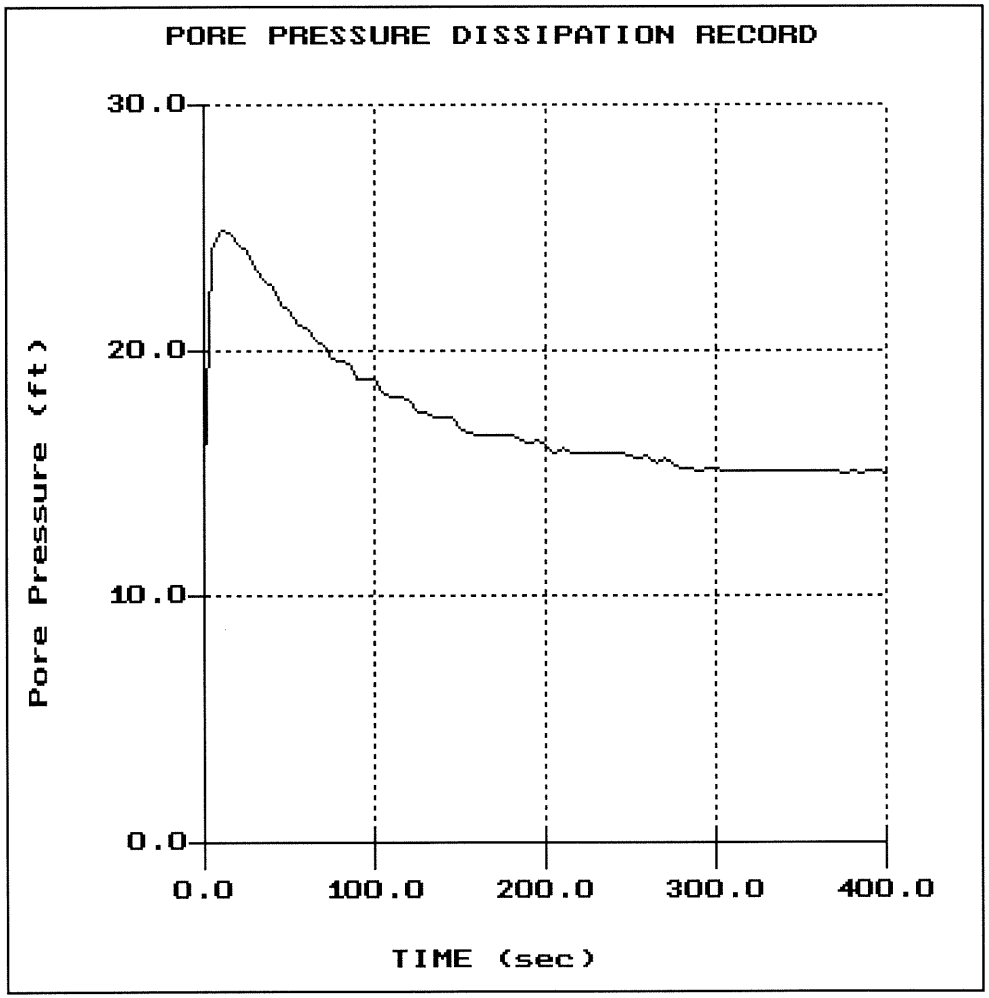
CONETEC

IGES

Sounding: 08-OR4-C2
Site:I-15

Cone:STD 20T AD155
Date:11:11:08 22:05

File: 419CP32.PPD
Depth (m): 7.70
(ft): 25.26
Duration : 400.0s
U-min: 14.55 0.0s
U-max: 24.87 10.0s

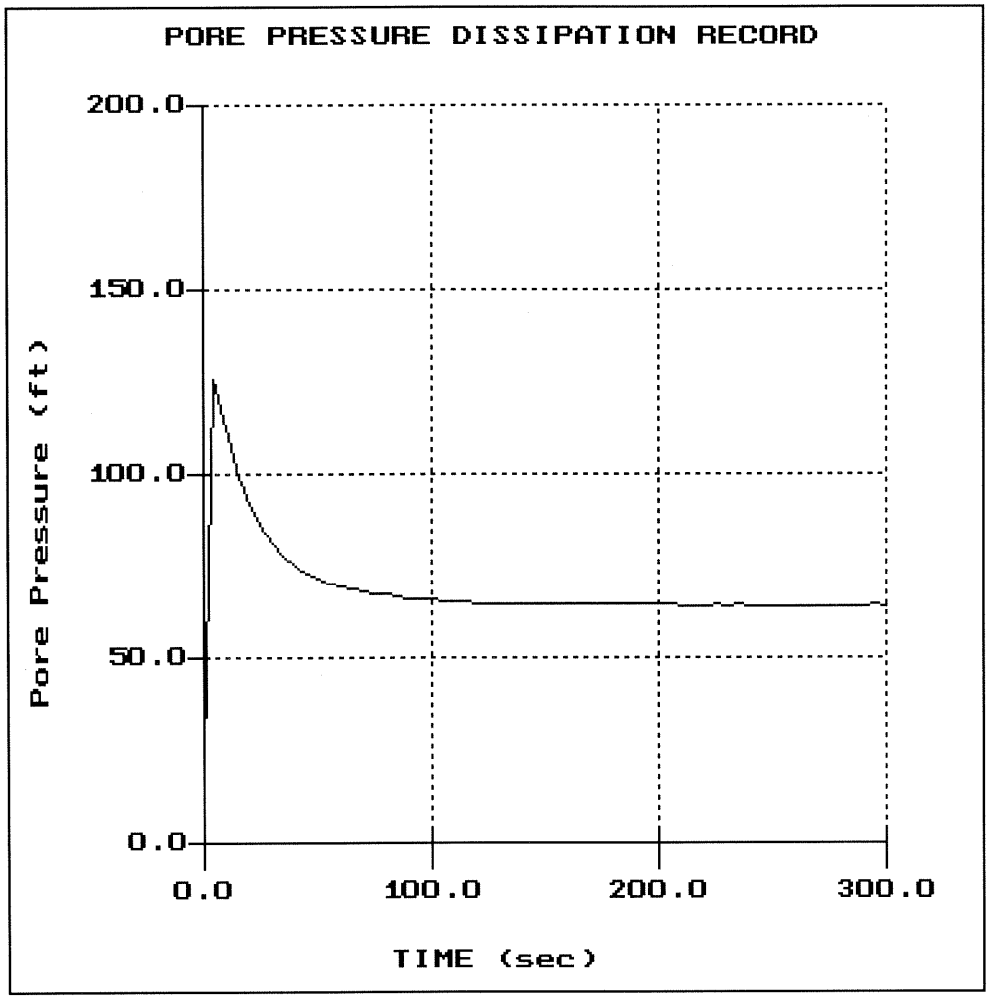


IGES

Sounding: 08-P9-C1
Site:I-15

Cone:STD 20T AD155
Date:11:11:08 00:18

File: 419CP33.PPD
Depth (m): 22.15
(ft): 72.67
Duration : 300.0s
U-min: 20.32 0.0s
U-max: 125.44 5.0s

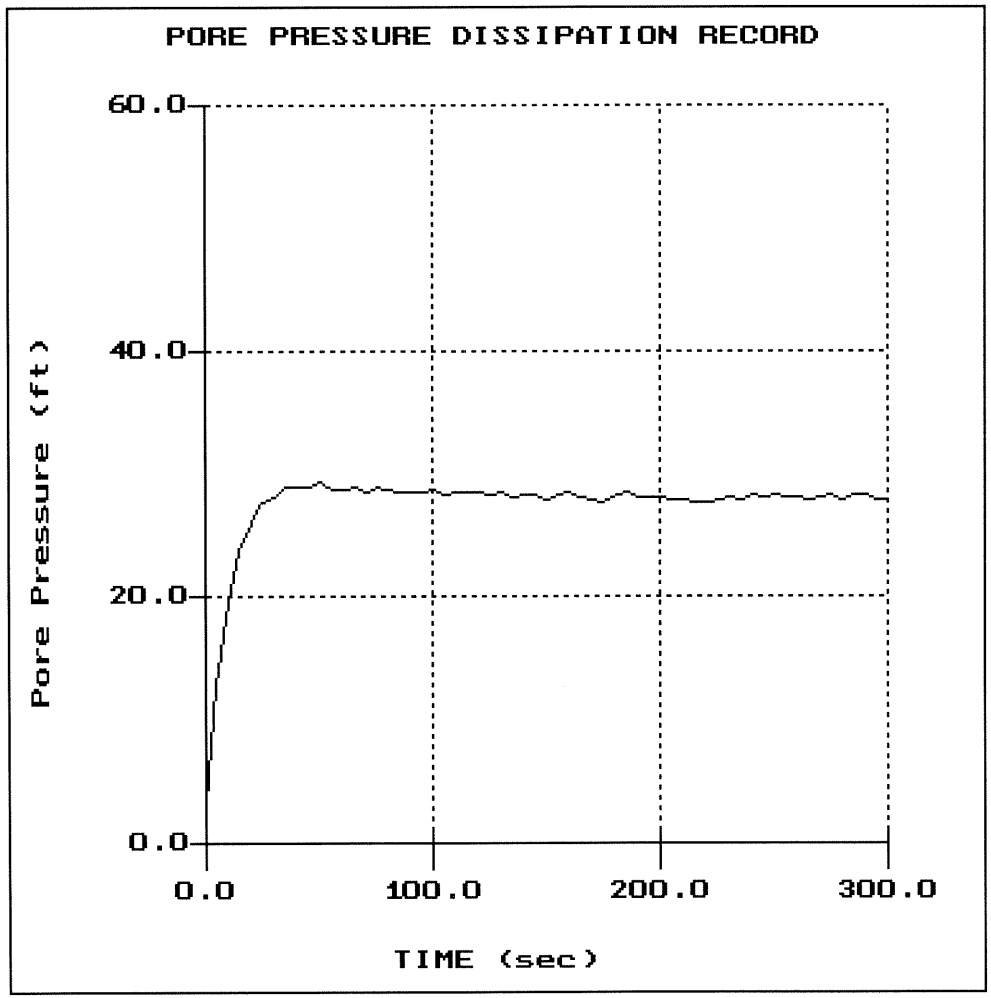


IGES

Sounding: 08-P9-C2
Site:I-15

Cone:STD 20T AD155
Date:11:11:08 01:19

File: 419CP34.PPD
Depth (m): 12.80
(ft): 41.99
Duration : 300.0s
U-min: 3.05 0.0s
U-max: 29.28 50.0s

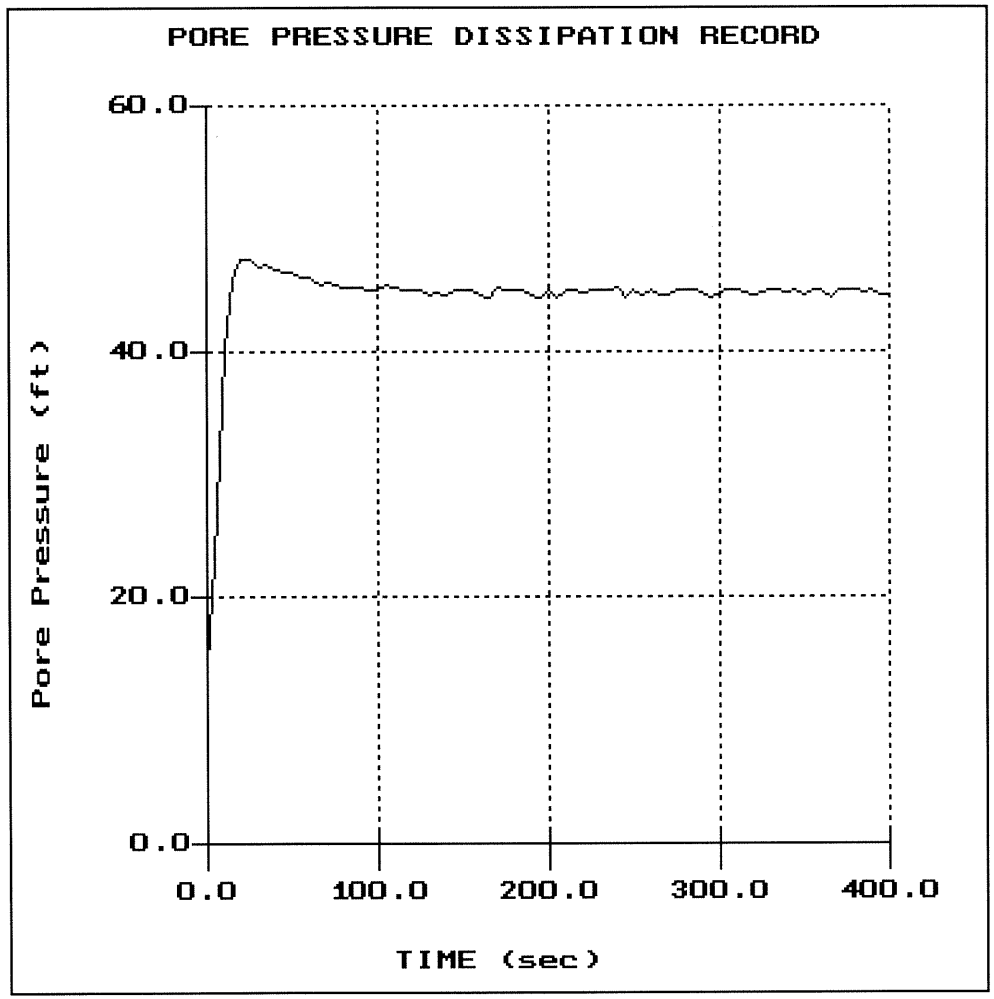


IGES

Sounding: 08-P10-C2
Site:I-15

Cone:STD 20T AD155
Date:11:11:08 02:36

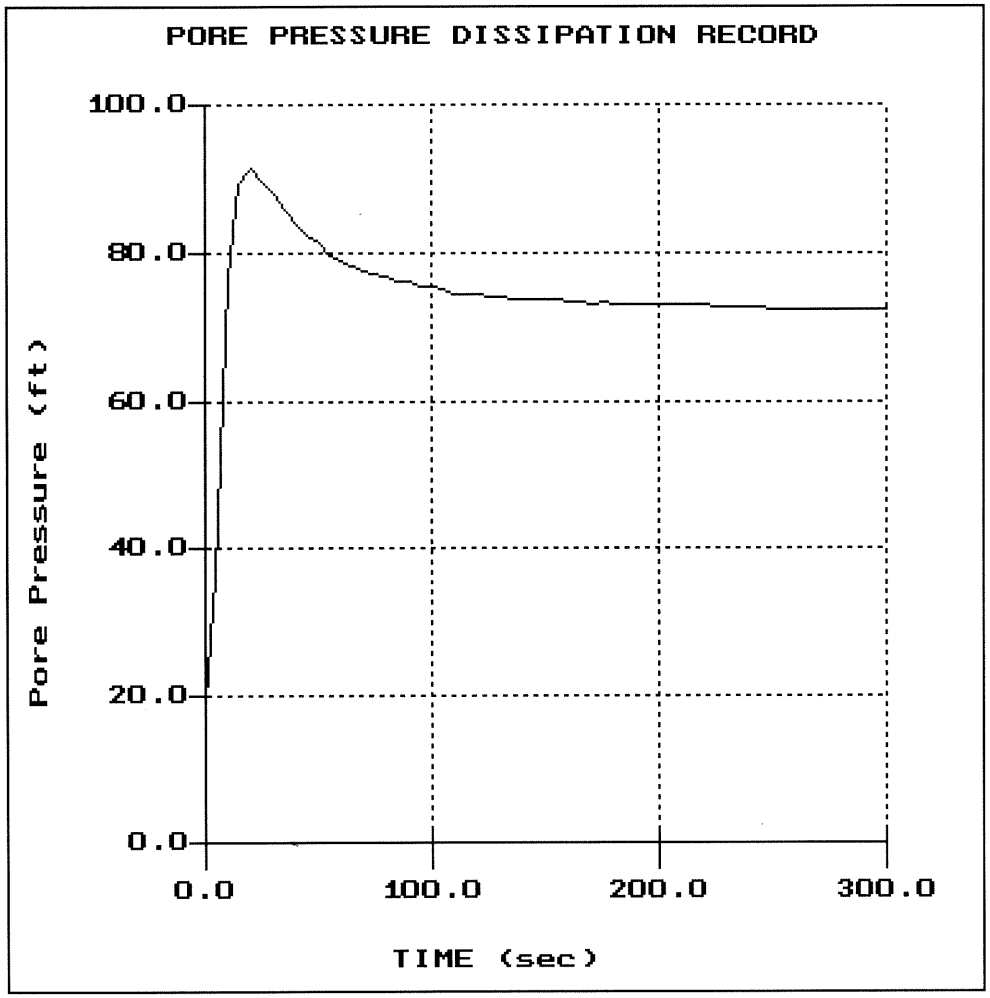
File: 419CP35.PPD
Depth (m): 15.80
(ft): 51.84
Duration : 400.0s
U-min: 14.31 0.0s
U-max: 47.44 25.0s



IGES

Sounding: 08-P10-C1
Site:I-15

Cone:STD 20T AD155
Date:11:11:08 03:47

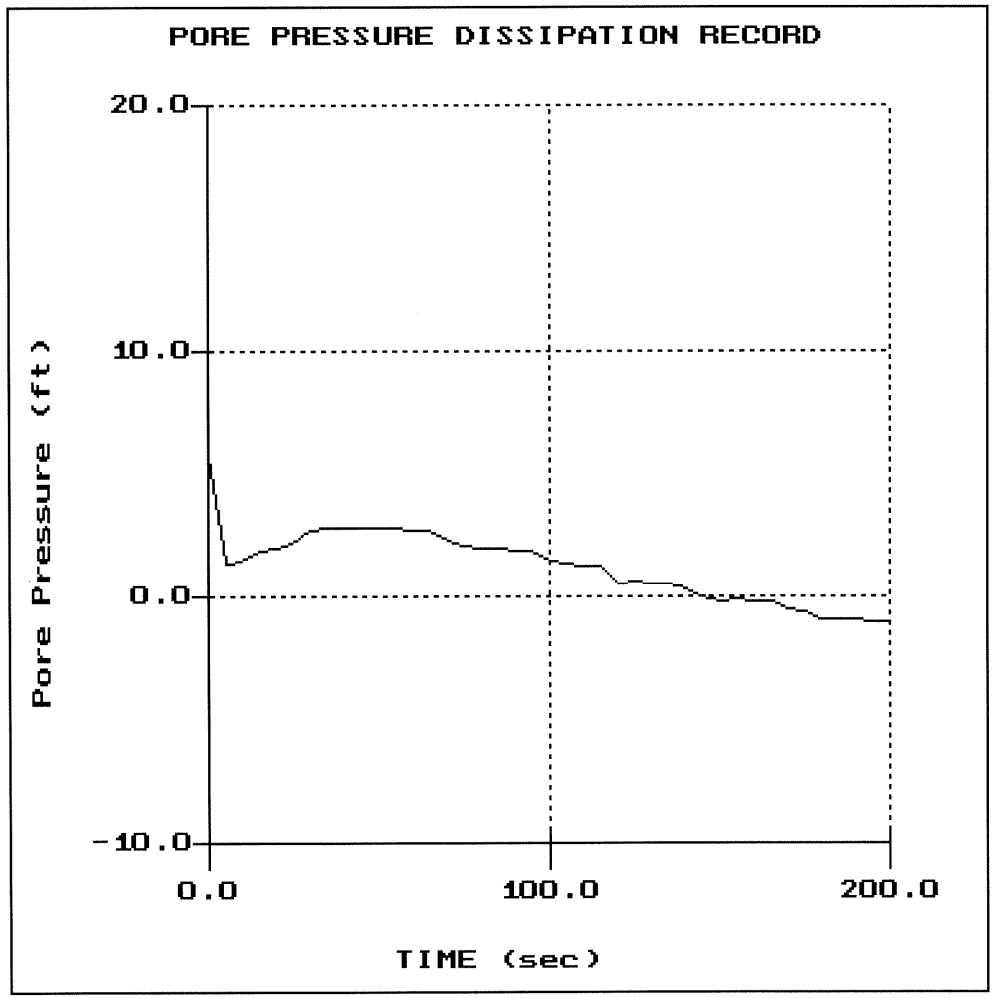


File: 419CP36.PPD
Depth (m): 22.95
(ft): 75.30
Duration : 300.0s
U-min: 18.63 0.0s
U-max: 91.42 20.0s

IGES

Sounding: 08-OR1-C1
Site:I-15

Cone:STD 20T AD146
Date:11:17:08 21:39

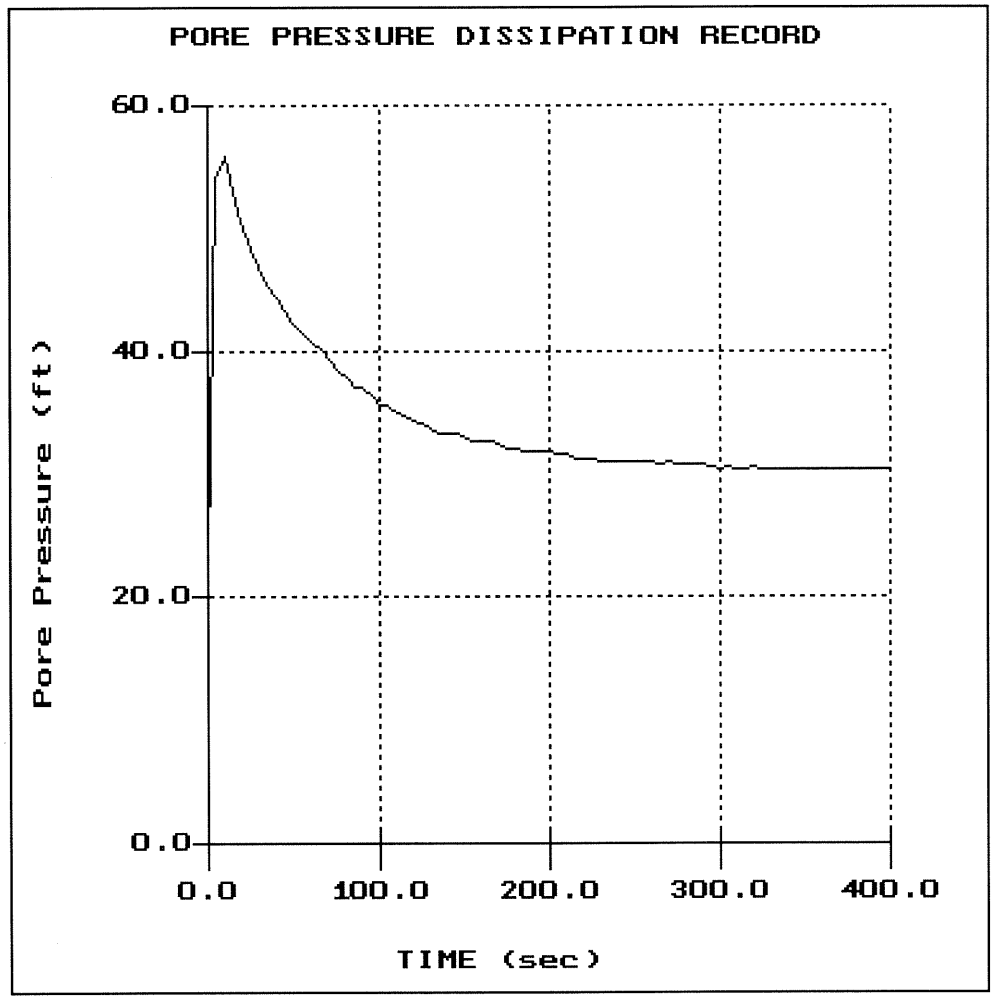


File: 419CP37.PPD
Depth (m): 24.70
(ft): 81.04
Duration : 200.0s
U-min: -1.08 200.0s
U-max: 5.77 0.0s

IGES

Sounding: 08-P4-C2
Site:I-15

Cone:STD 20T AD146
Date:11:17:08 23:05



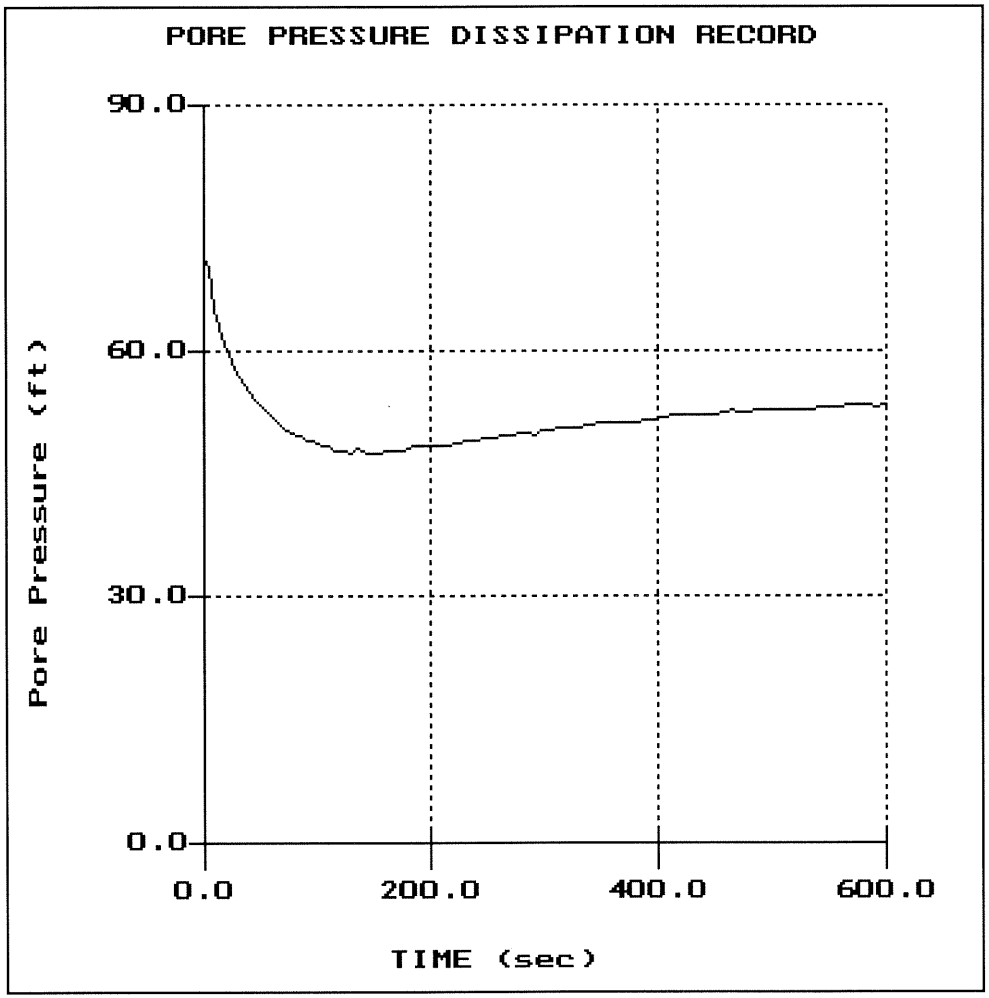
File: 419CP38.PPD
Depth (m): 13.95
(ft): 45.77
Duration : 400.0s
U-min: 22.06 0.0s
U-max: 55.80 10.0s

IGES

Sounding: 08-P4-C1
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 00:02

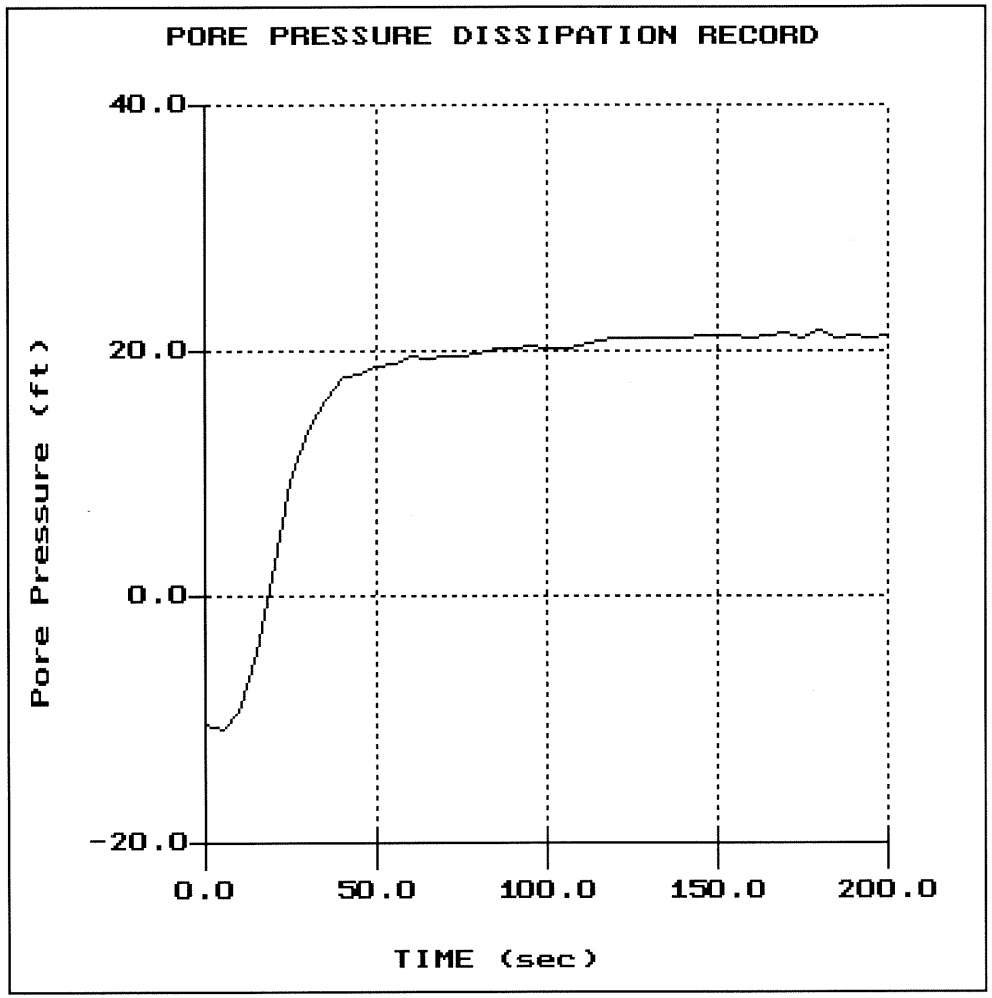
File: 419CP39A.PPD
Depth (m): 17.80
(ft): 58.40
Duration : 600.0s
U-min: 47.59 155.0s
U-max: 71.71 0.0s



IGES

Sounding: 08-P8-C1
Site:I-15

Cone:STD 20T AD146
Date:11:17:08 01:50

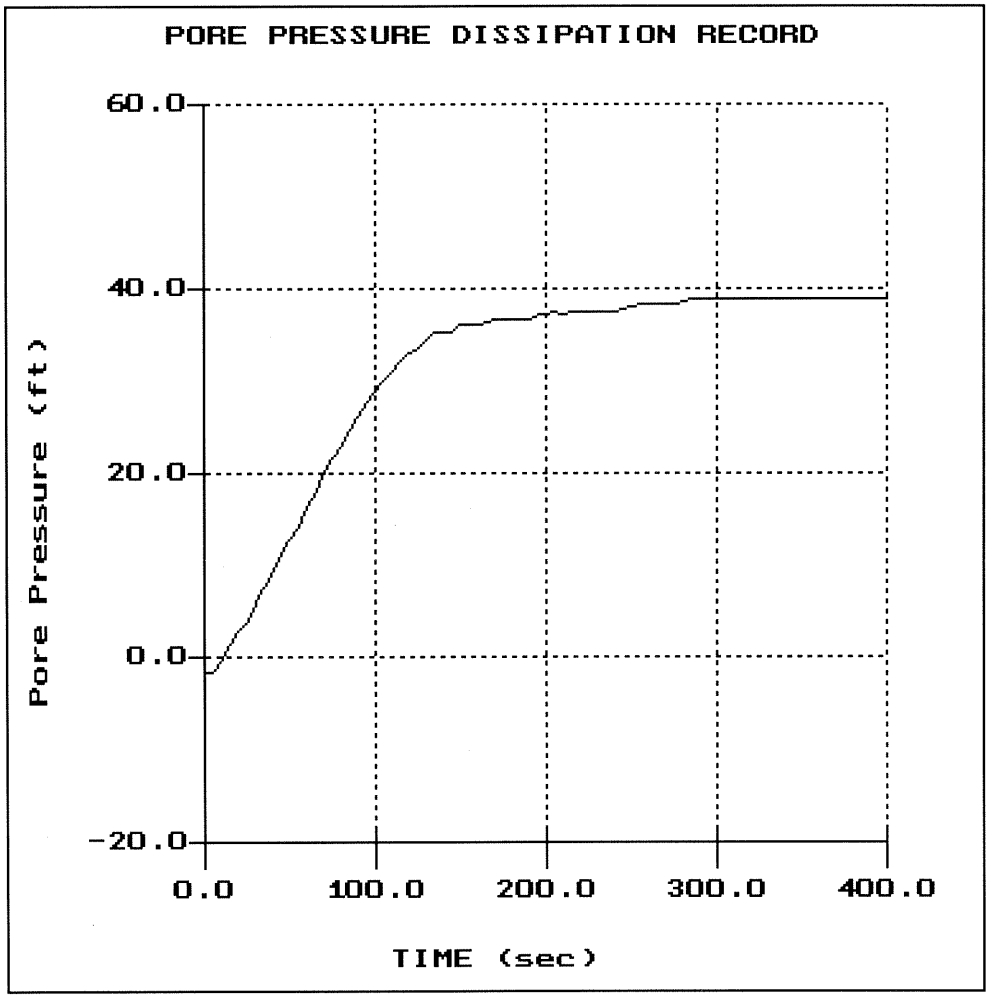


File: 419CP40.PPD
Depth (m): 11.75
(ft): 38.55
Duration : 200.0s
U-min: -10.75 5.0s
U-max: 21.68 180.0s

IGES

Sounding: 08-P6-C2
Site:I-15

Cone:STD 20T AD146
Date:11:17:08 02:55



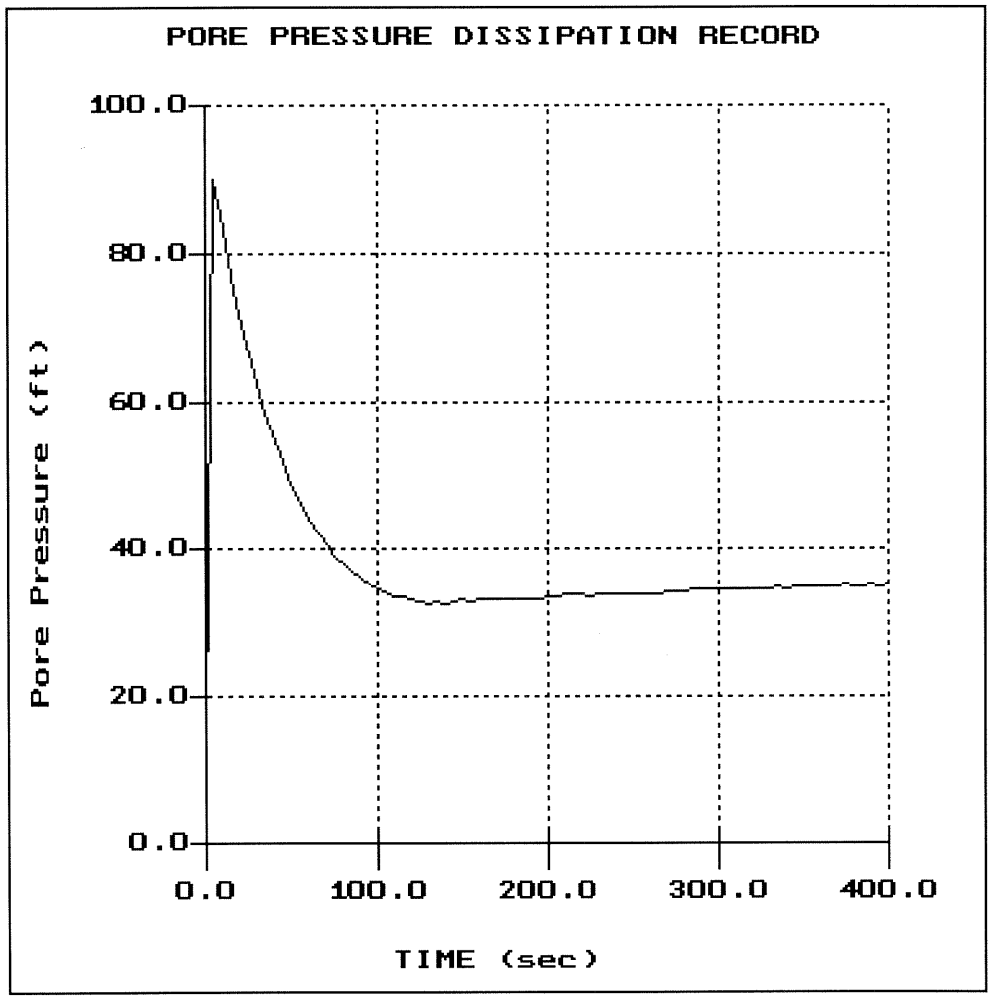
File: 419CP41.PPD
Depth (m): 16.20
(ft): 53.15
Duration : 400.0s
U-min: -1.60 0.0s
U-max: 39.00 400.0s

IGES

Sounding: 08-P3-C1
Site:I-15

Cone:STD 20T AD146
Date:11:17:08 04:17

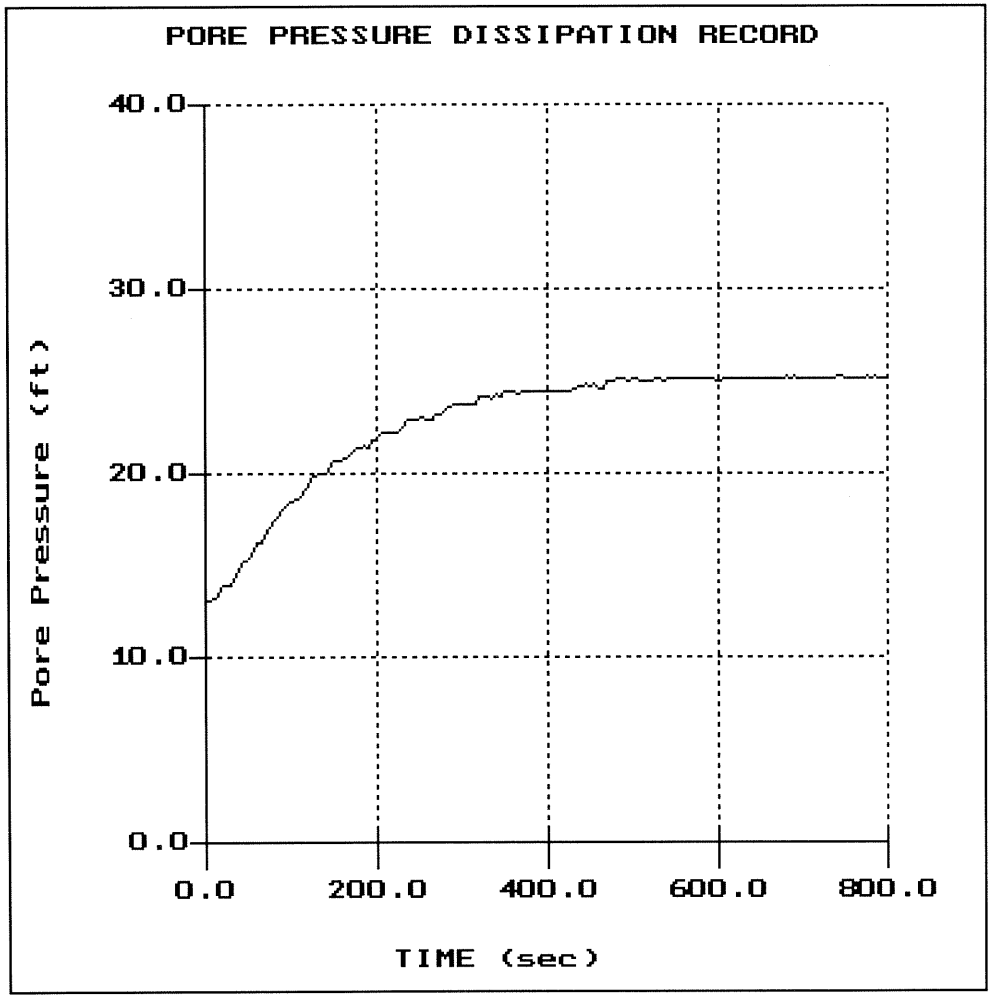
File: 419CP42.PPD
Depth (m): 11.55
(ft): 37.89
Duration : 400.0s
U-min: 12.77 0.0s
U-max: 90.01 5.0s



IGES

Sounding: 08-OR4-C1
Site:I-15

Cone:STD 20T AD146
Date:11:24:08 20:40

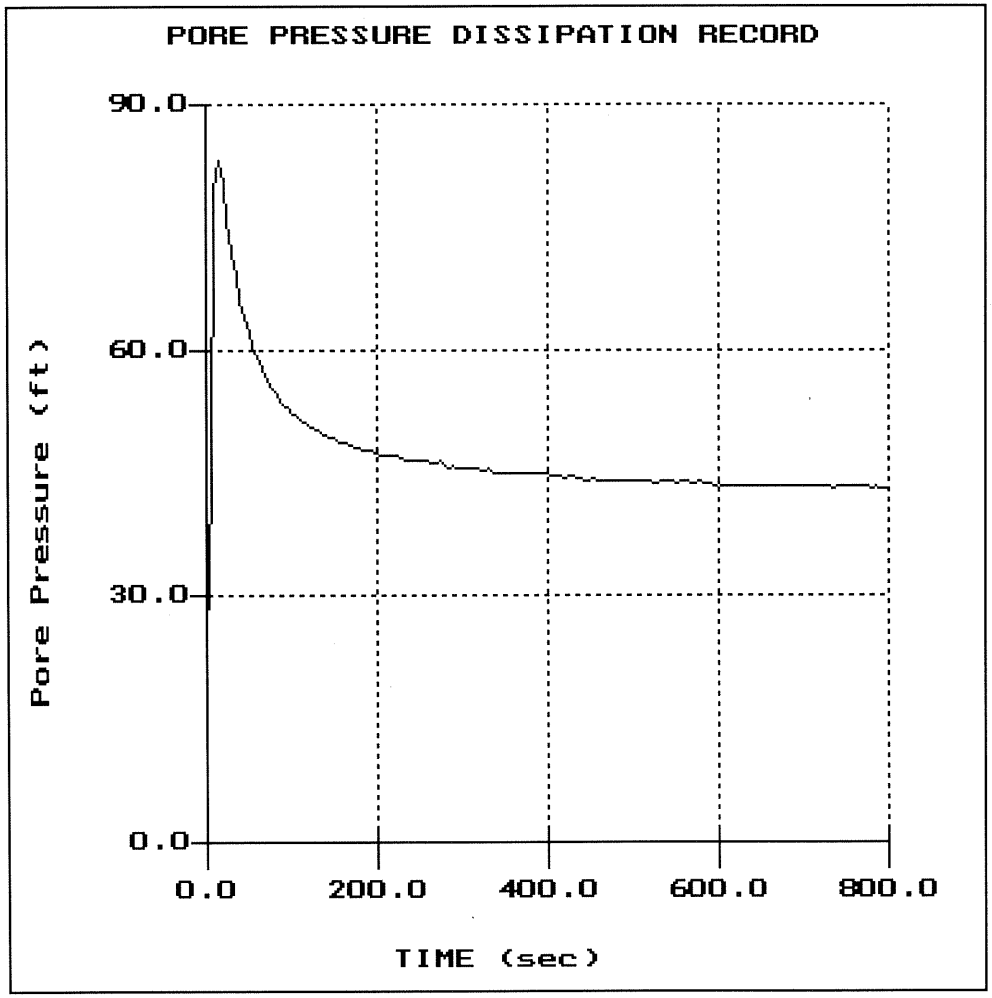


File: 419CP43.PPD
Depth (m): 13.40
(ft): 43.96
Duration : 800.0s
U-min: 13.05 5.0s
U-max: 25.25 785.0s

IGES

Sounding: 08-P6-C1
Site:I-15

Cone:STD 20T AD146
Date:11:24:08 22:32

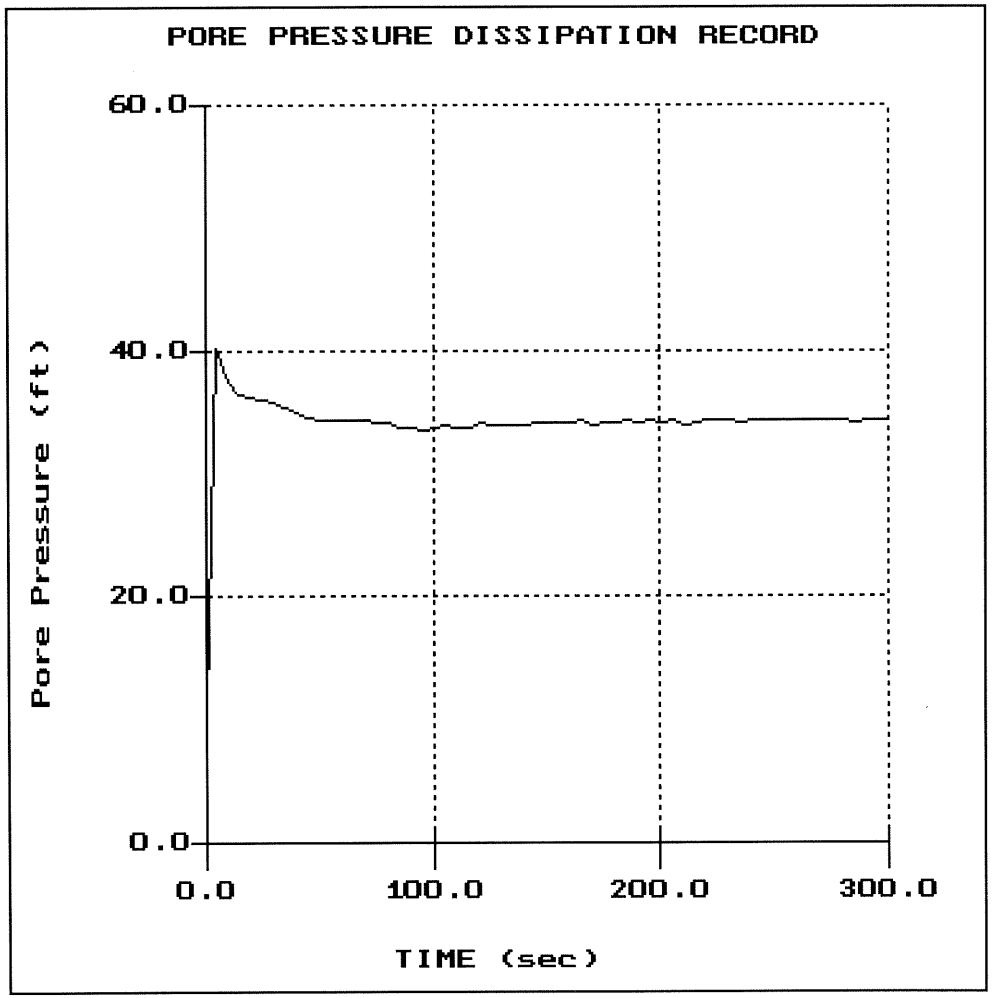


File: 419CP44.PPD
Depth (m): 17.70
(ft): 58.07
Duration : 800.0s
U-min: 23.14 0.0s
U-max: 83.25 15.0s

IGES

Sounding: 08-P1-C2
Site:I-15

Cone:STD 20T AD146
Date:12:11:08 22:03

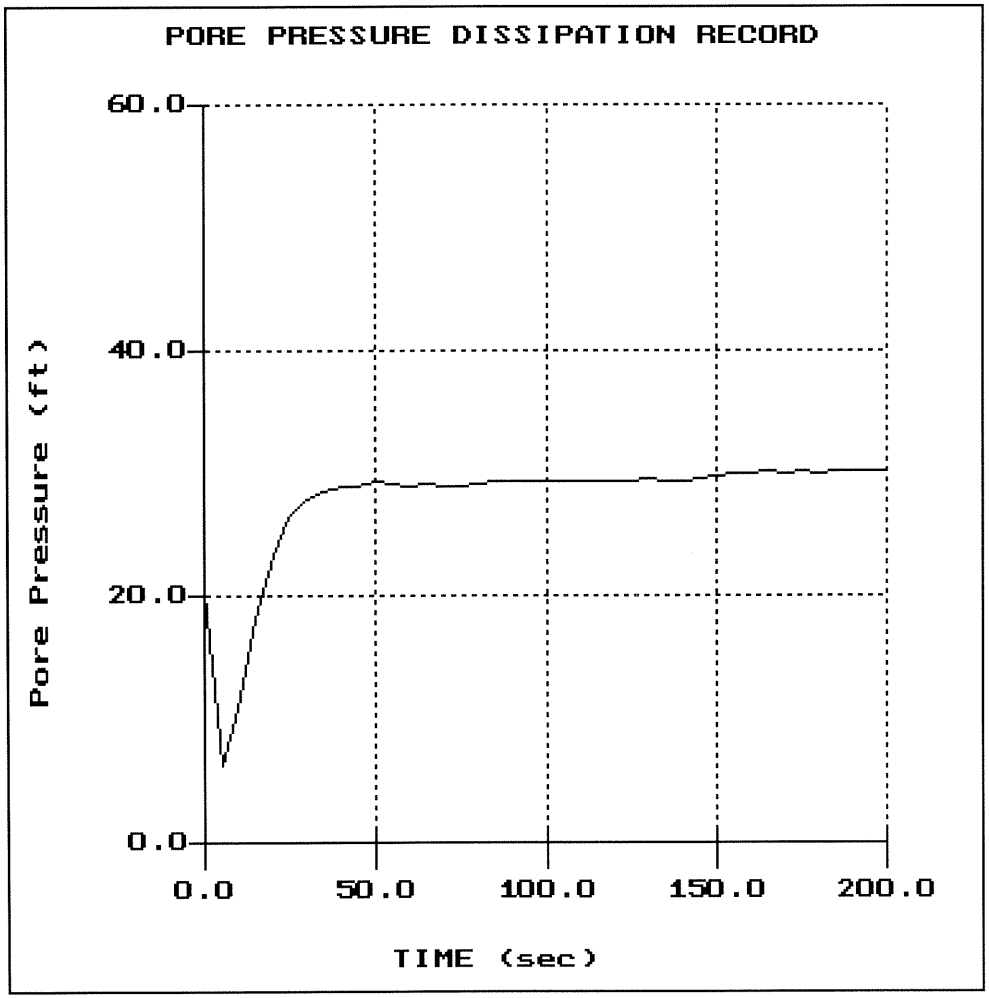


File: 419CP45.PPD
Depth (m): 20.00
(ft): 65.62
Duration : 300.0s
U-min: 10.51 0.0s
U-max: 40.22 5.0s

IGES

Sounding: 08-P3-C2
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 01:37

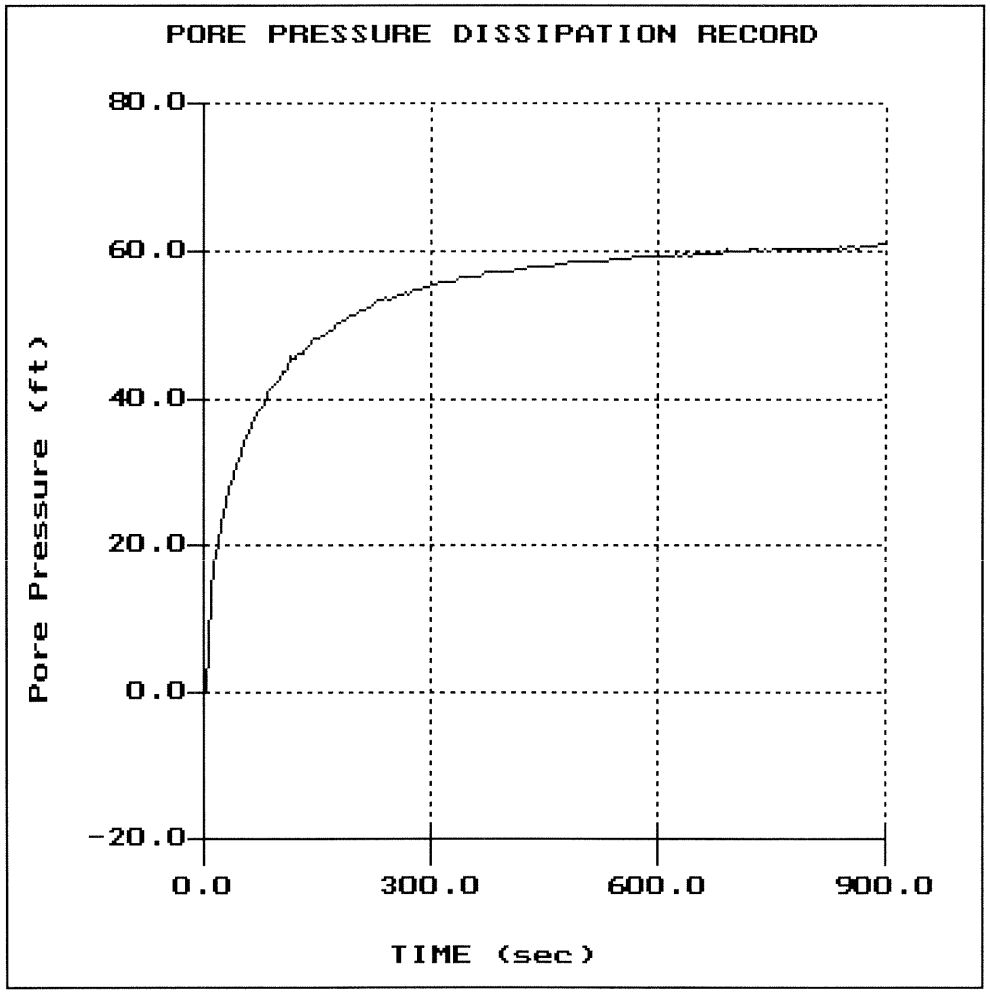


File: 419CP46.PPD
Depth (m): 11.80
(ft): 38.71
Duration : 200.0s
U-min: 6.15 5.0s
U-max: 30.17 200.0s

IGES

Sounding: 08-P2-C2
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 03:03

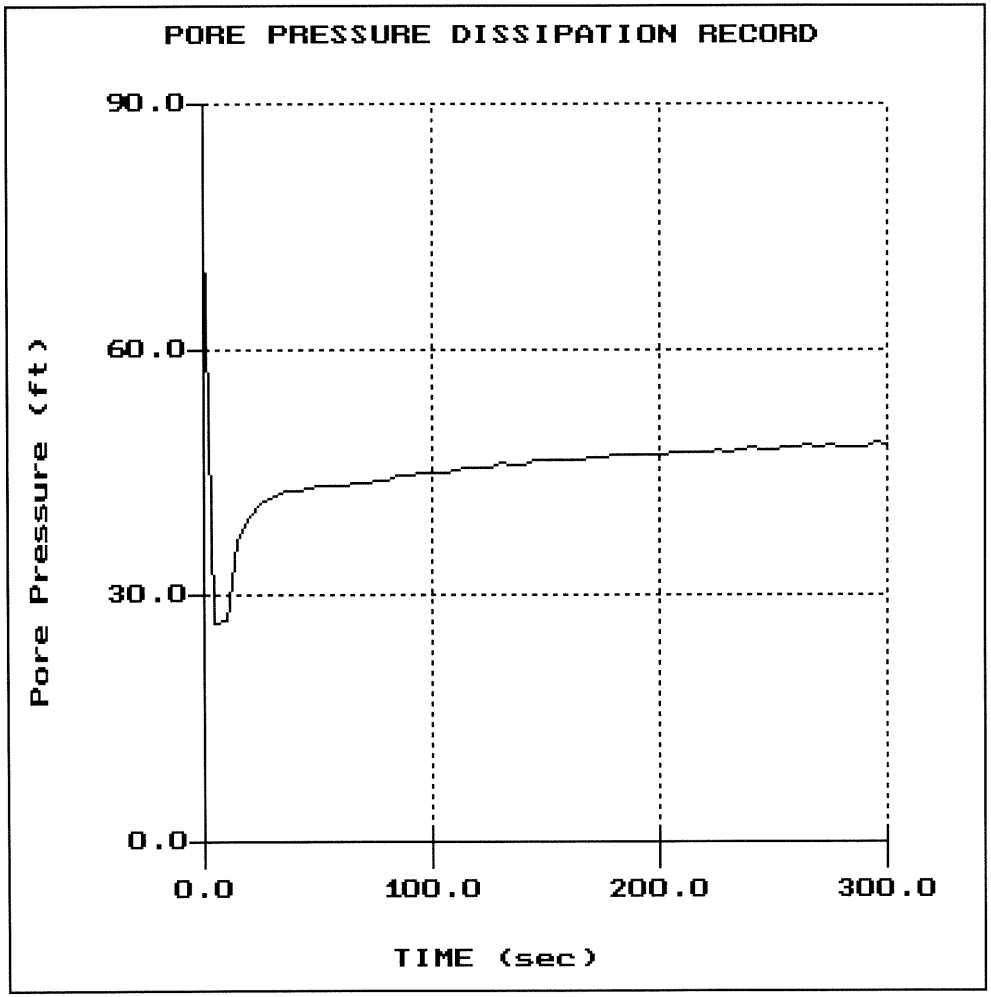


File: 419CP47.PPD
Depth (m): 18.20
(ft): 59.71
Duration : 900.0s
U-min: -0.05 5.0s
U-max: 60.82 895.0s

IGES

Sounding: 08-P1-C1
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 04:43

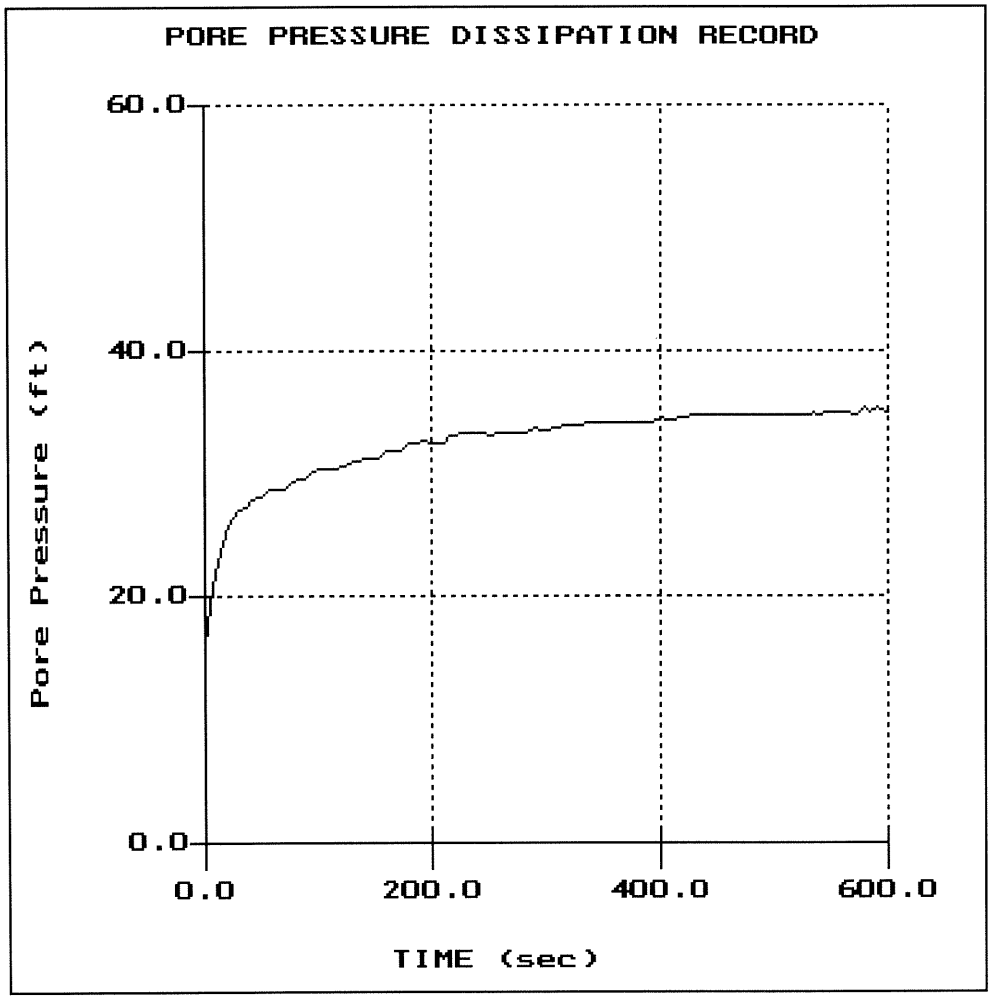


File: 419CP48.PPD
Depth (m): 24.80
(ft): 81.36
Duration : 300.0s
U-min: 26.66 5.0s
U-max: 75.70 0.0s

IGES

Sounding: 08-P2-C1
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 20:33

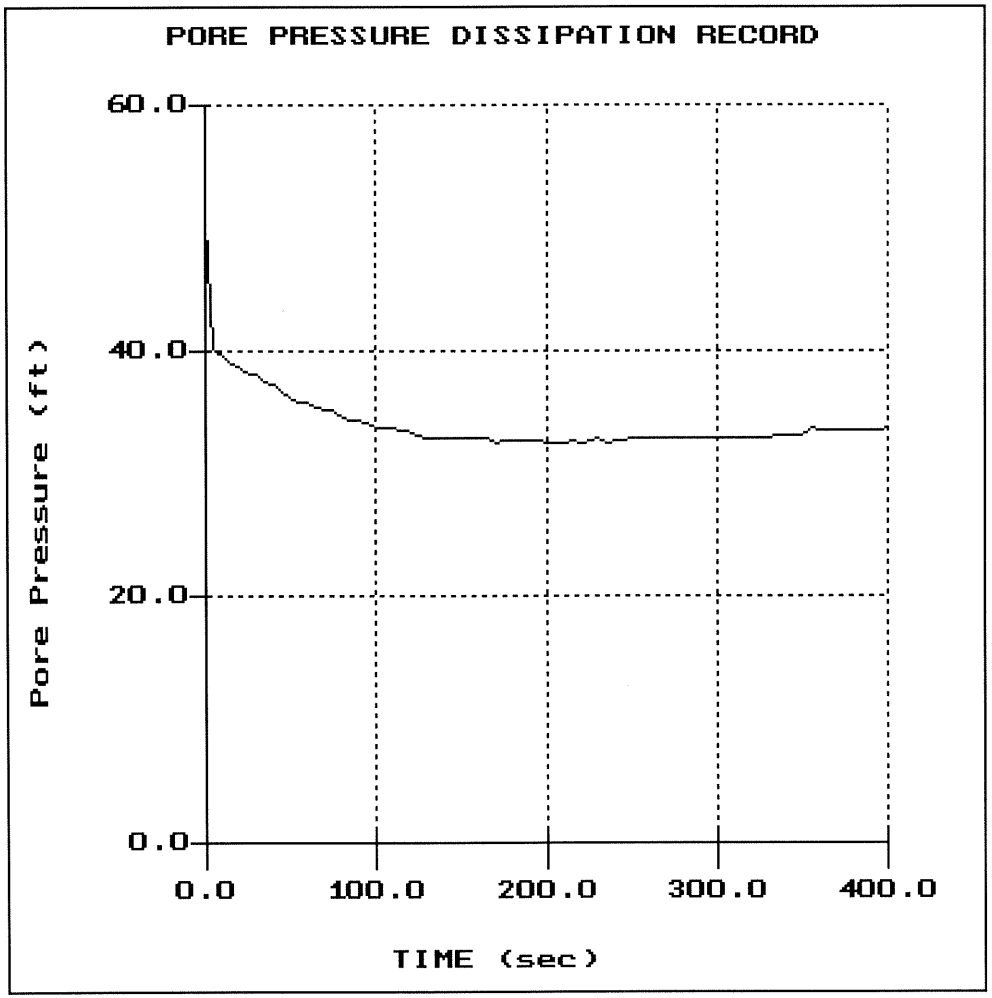


File: 419CP49.PPD
Depth (m): 10.75
(ft): 35.27
Duration : 600.0s
U-min: 16.14 0.0s
U-max: 35.43 590.0s

IGES

Sounding: 08-OR7-C4
Site:I-15

Cone:STD 20T AD146
Date:11:25:08 22:49



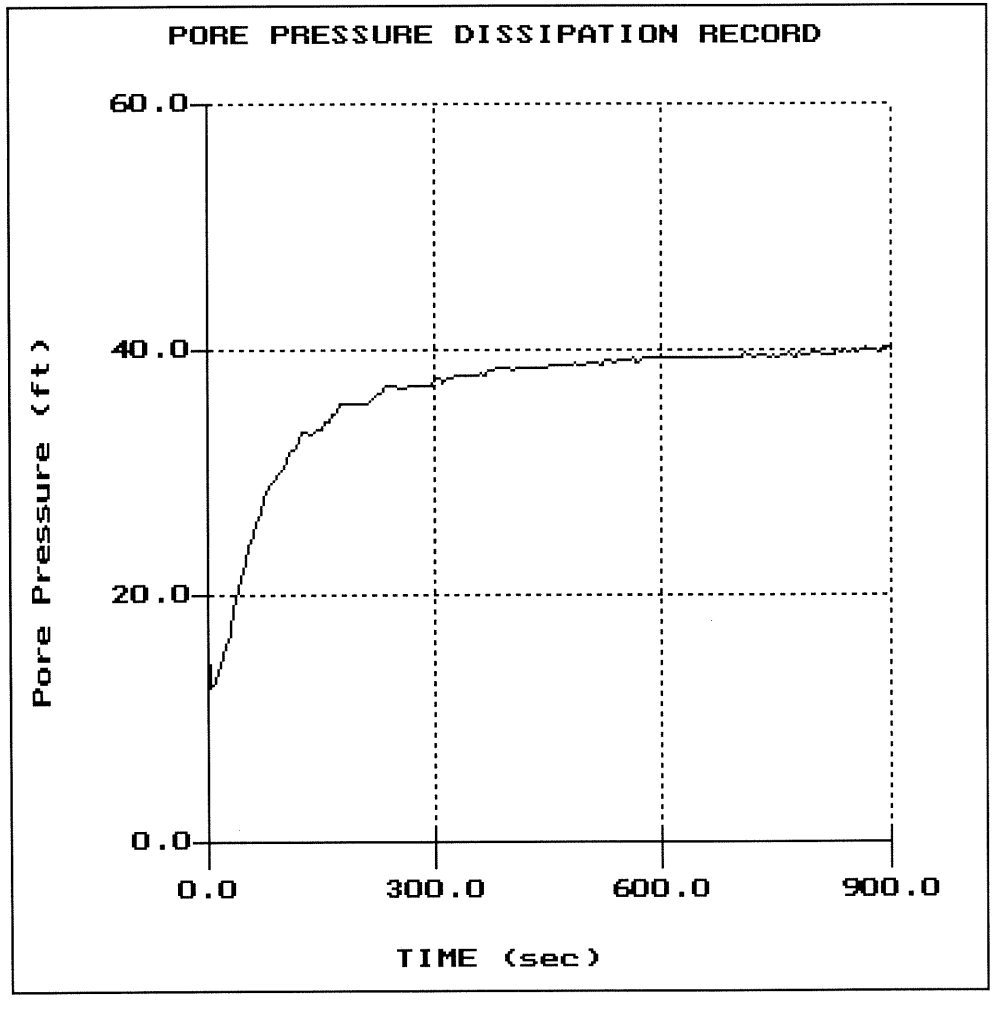
File: 419CP50.PPD
Depth (m): 16.85
(ft): 55.28
Duration : 400.0s
U-min: 32.43 210.0s
U-max: 50.92 0.0s

IGES

Sounding: 08-OR7-C2
Site:I-15

Cone:STD 20T AD146
Date:11:26:08 04:31

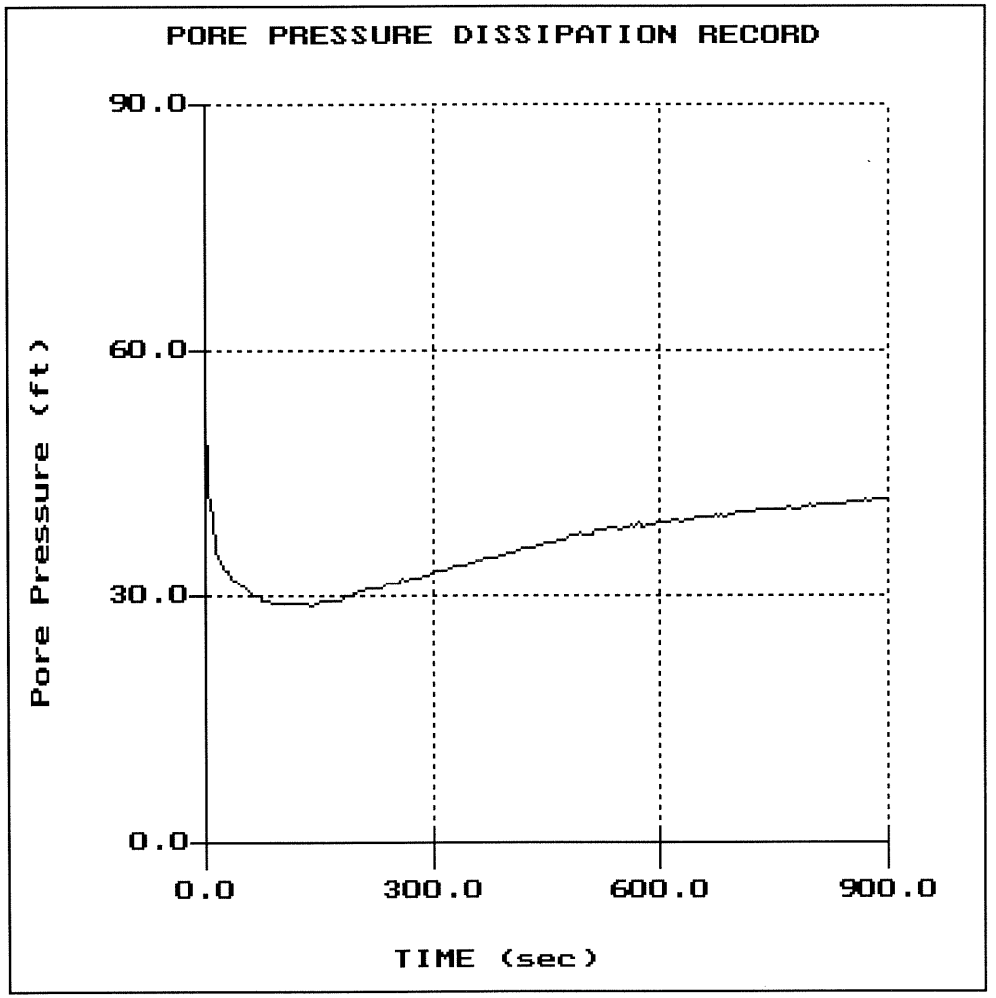
File: 419CP51A.PPD
Depth (m): 18.70
(ft): 61.35
Duration : 900.0s
U-min: 12.58 5.0s
U-max: 40.12 895.0s



IGES

Sounding: 08-OR7-C1
Site:I-15

Cone:STD 20T AD146
Date:11:26:08 00:55

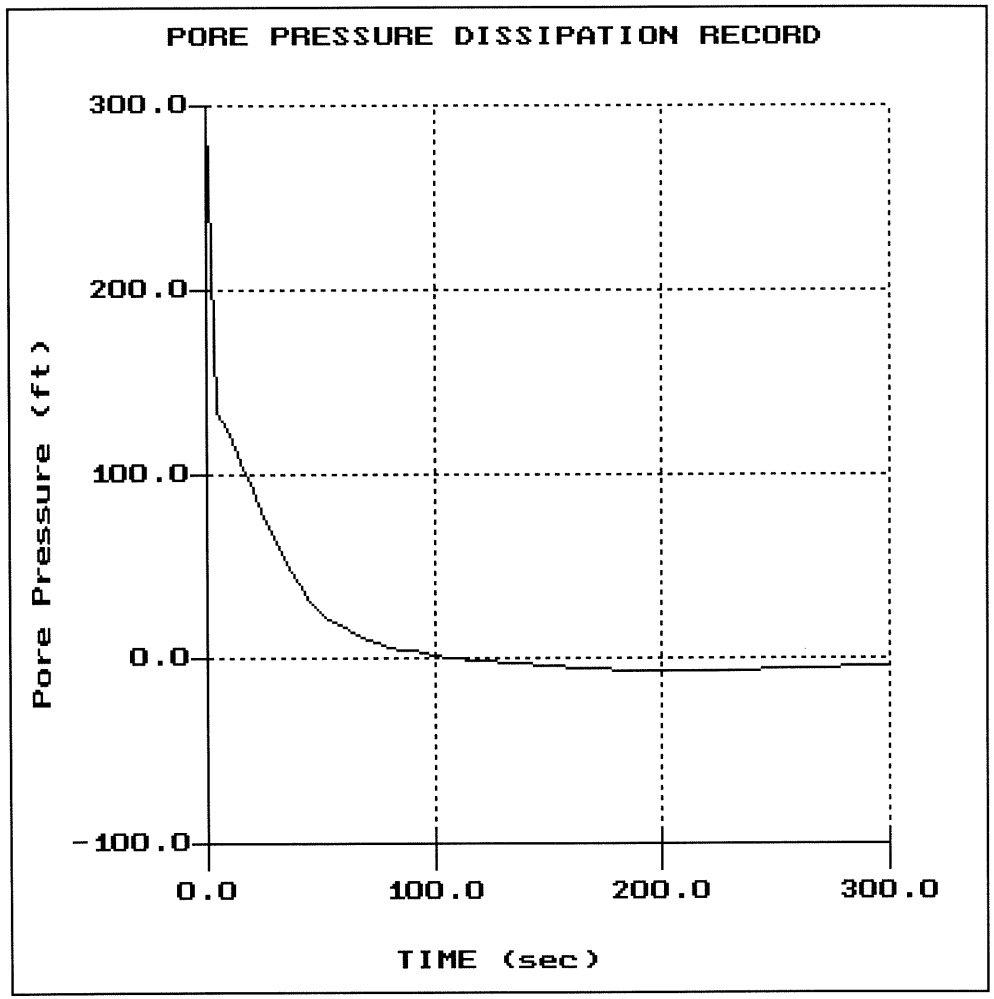


File: 419CP52.PPD
Depth (m): 20.95
(ft): 68.73
Duration : 900.0s
U-min: 28.67 140.0s
U-max: 54.20 0.0s

IGES

Sounding: 08-OR7-C3
Site:I-15

Cone:STD 20T AD146
Date:11:26:08 02:51



File: 419CP53.PPD
Depth (m): 21.75
(ft): 71.36
Duration : 300.0s
U-min: -6.95 200.0s
U-max: 298.84 0.0s

V_s Calculations

CONETEC

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-OR4-C2
CPT File: 419CP32.COR
Location I-15 - Utah County
Date: 11/11/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
1.75	1.55	1.62						
6.10	5.90	5.92	4.30	21.77	198	2.95	648	9.7
30.50	30.30	30.30	24.39	104.45	233	15.93	766	52.2

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P9-C1
CPT File: 419CP33.COR
Location I-15 - Utah County
Date: 11/11/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
15.25	15.05	15.06						
30.50	30.30	30.30	15.25	63.84	239	15.15	783	49.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P10-C1
CPT File: 419CP36.COR
Location I-15 - Utah County
Date: 11/11/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
16.35	16.15	16.16						
30.50	30.30	30.30	14.15	60.94	232	15.15	761	49.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P4-C2
CPT File: 419CP38.COR
Location I-15 - Utah County
Date: 11/17/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
11.65	11.45	11.46						
30.50	30.30	30.30	18.84	84.41	223	15.15	732	49.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P4-C1
CPT File: 419CP39A.COR
Location I-15 - Utah County
Date: 11/25/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
12.20	12.00	12.01						
30.50	30.30	30.30	18.29	79.73	229	15.15	753	49.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P6-C2
CPT File: 419CP41.COR
Location I-15 - Utah County
Date: 11/17/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
9.15	8.95	8.96						
32.35	32.15	32.15	23.19	101.33	229	16.07	751	52.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P3-C2
CPT File: 419CP46.COR
Location I-15 - Utah County
Date: 11/25/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
12.20	12.00	12.01						
25.95	25.75	25.75	13.75	56.33	244	12.88	800	42.2

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P1-C1
CPT File: 419CP48.COR
Location I-15 - Utah County
Date: 11/25/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
15.25	15.05	15.06						
25.00	24.80	24.80	9.75	39.41	247	12.40	811	40.7

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-P2-C1
CPT File: 419CP49.COR
Location I-15 - Utah County
Date: 11/25/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
15.25	15.05	15.06						
30.80	30.60	30.60	15.55	59.65	261	15.30	855	50.2

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-OR7-C4
CPT File: 419CP50.COR
Location I-15 - Utah County
Date: 11/25/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
12.25	12.05	12.06						
28.50	28.30	28.30	16.24	62.37	260	14.15	854	46.4

Shear Wave Velocity Calculations

Job No.: 08-419
Client: IGES, Inc.
CPT No.: 08-OR7-C3
CPT File: 419CP53.COR
Location I-15 - Utah County
Date: 11/26/08

Geophone Offset (m): 0.20
Source Offset (18") (m): 0.46

Test Depth (m)	Geophone Depth (m)	Ray Path (m)	Incremental Distance (m)	Time Interval (ms)	Interval Velocity (m/s)	Interval Depth (m)	Interval Velocity (ft/s)	Interval Depth (ft)
12.60	12.40	12.41						
30.50	30.30	30.30	17.89	60.10	298	15.15	977	49.7

V_s Plots

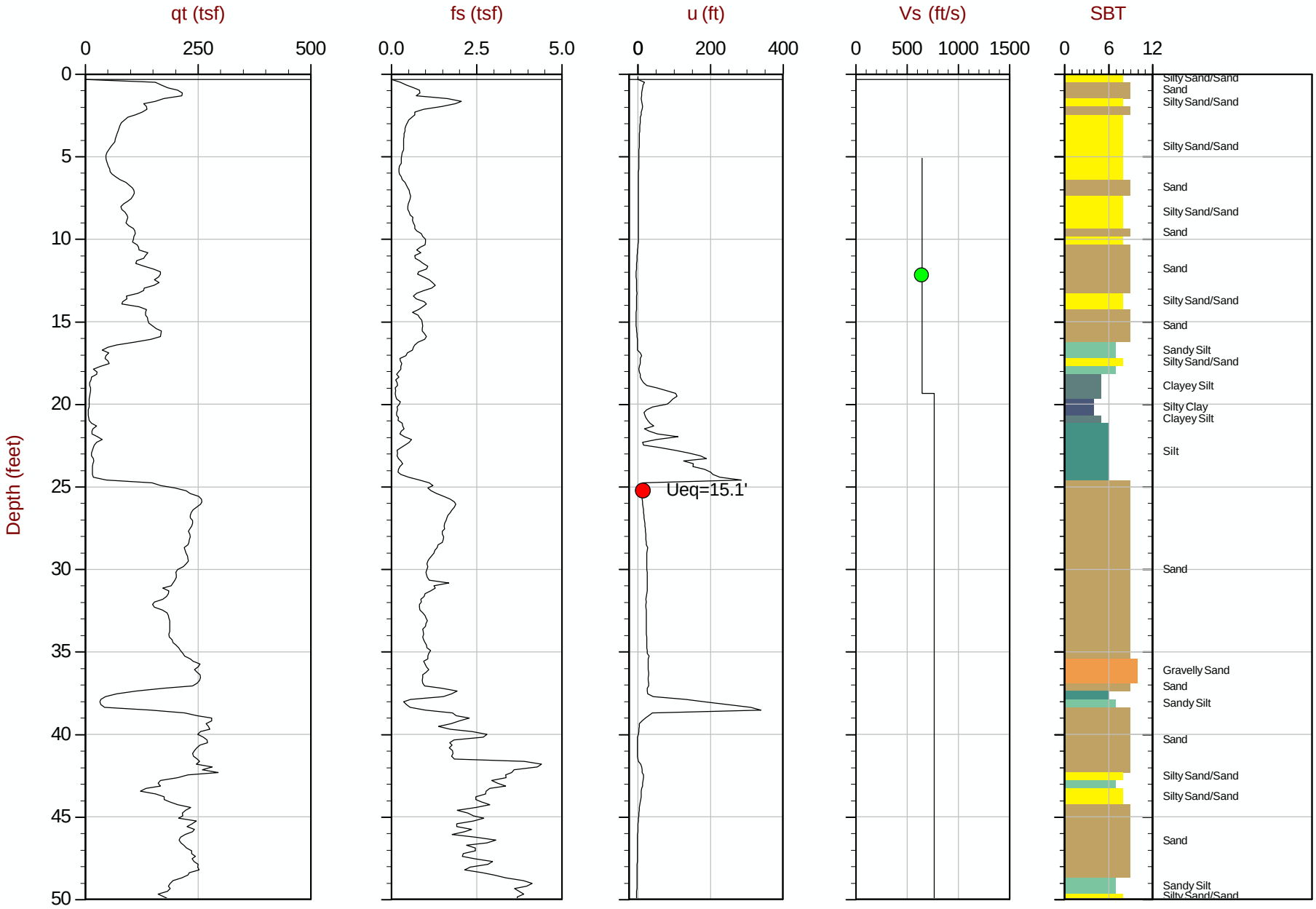
CONETEC

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 22:05
Site: I-15

Sounding: 08-OR4-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP32.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

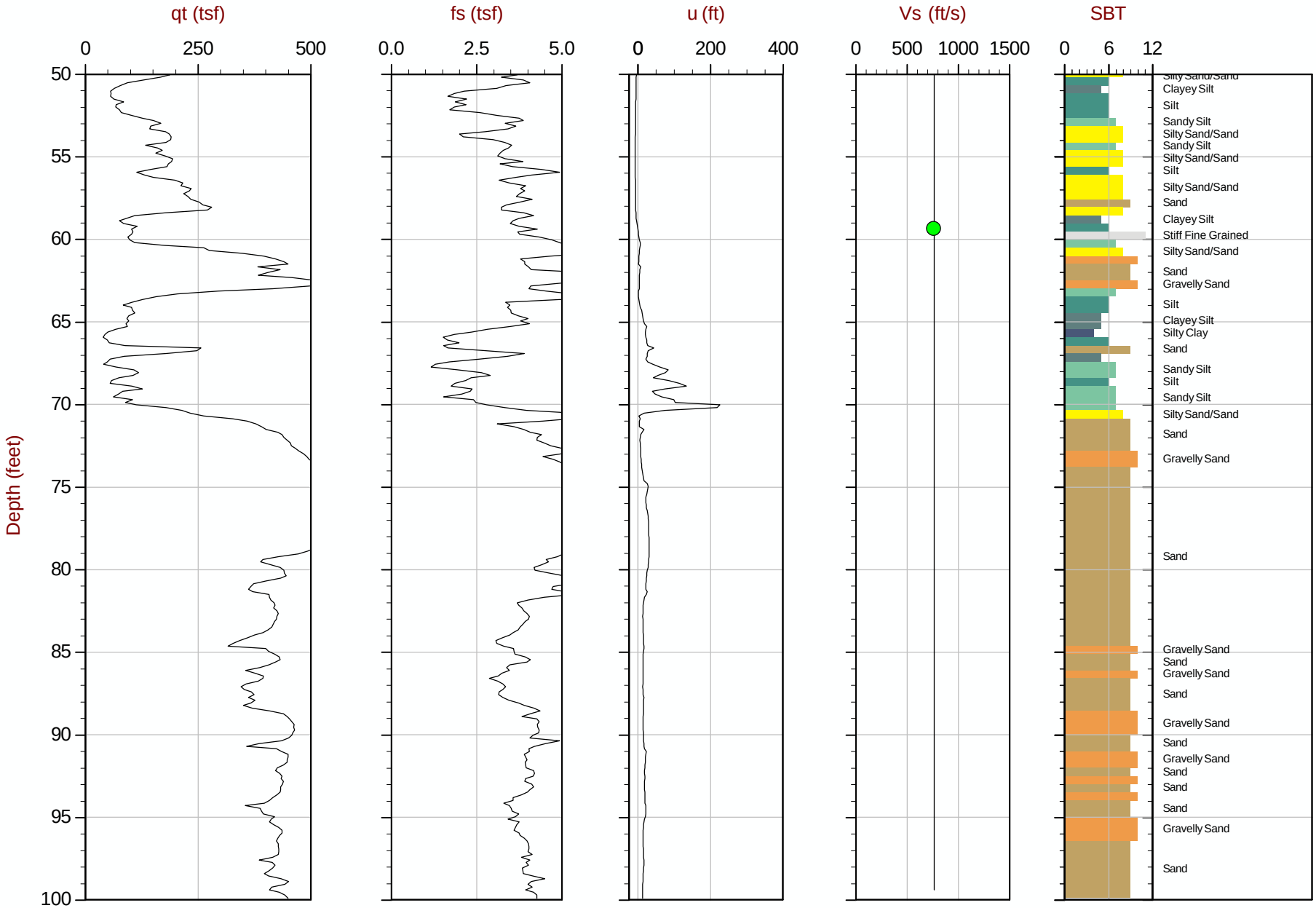
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 22:05
Site: I-15

Sounding: 08-OR4-C2
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP32.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

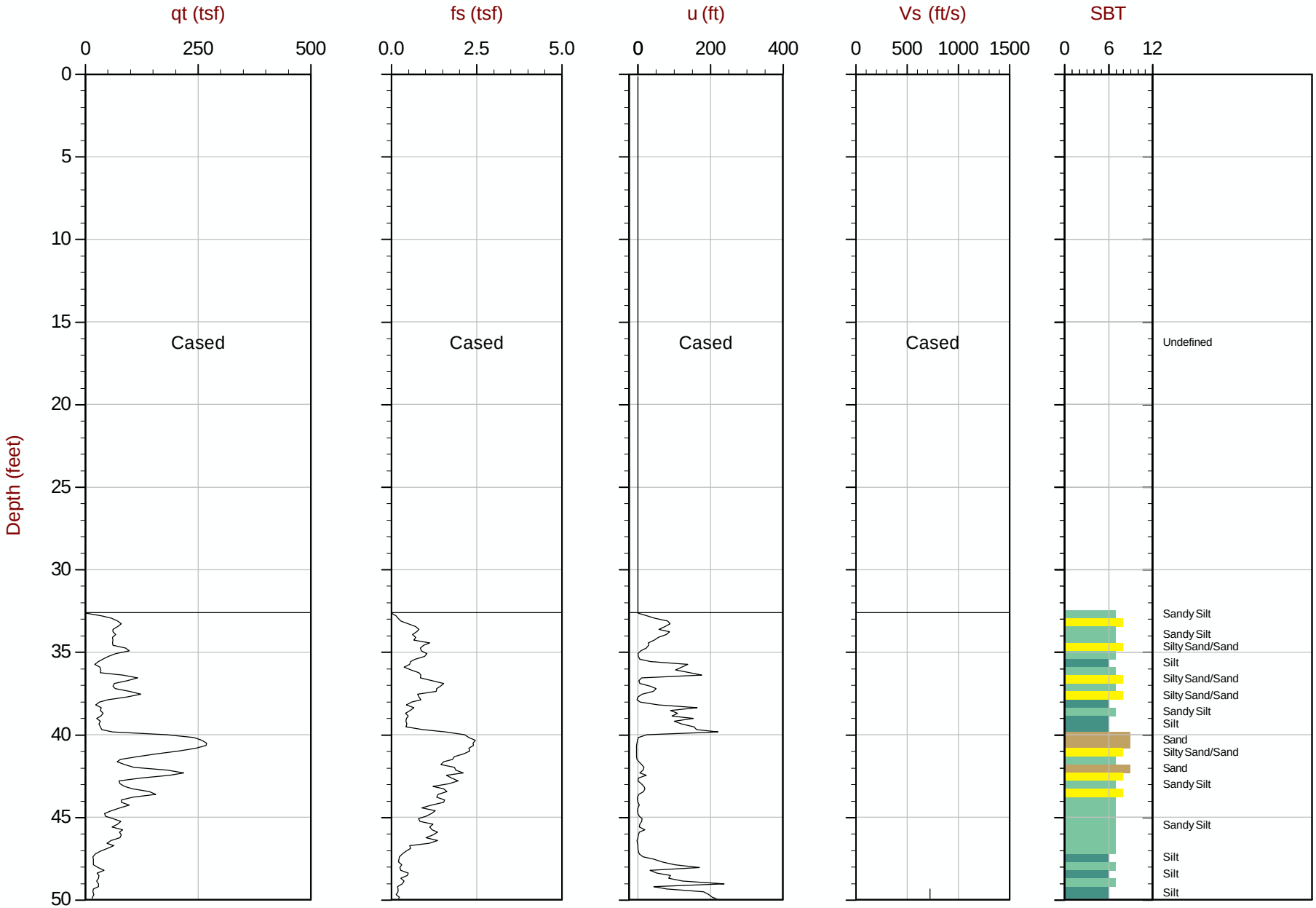
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 00:18
Site: I-15

Sounding: 08-P9-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP33.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

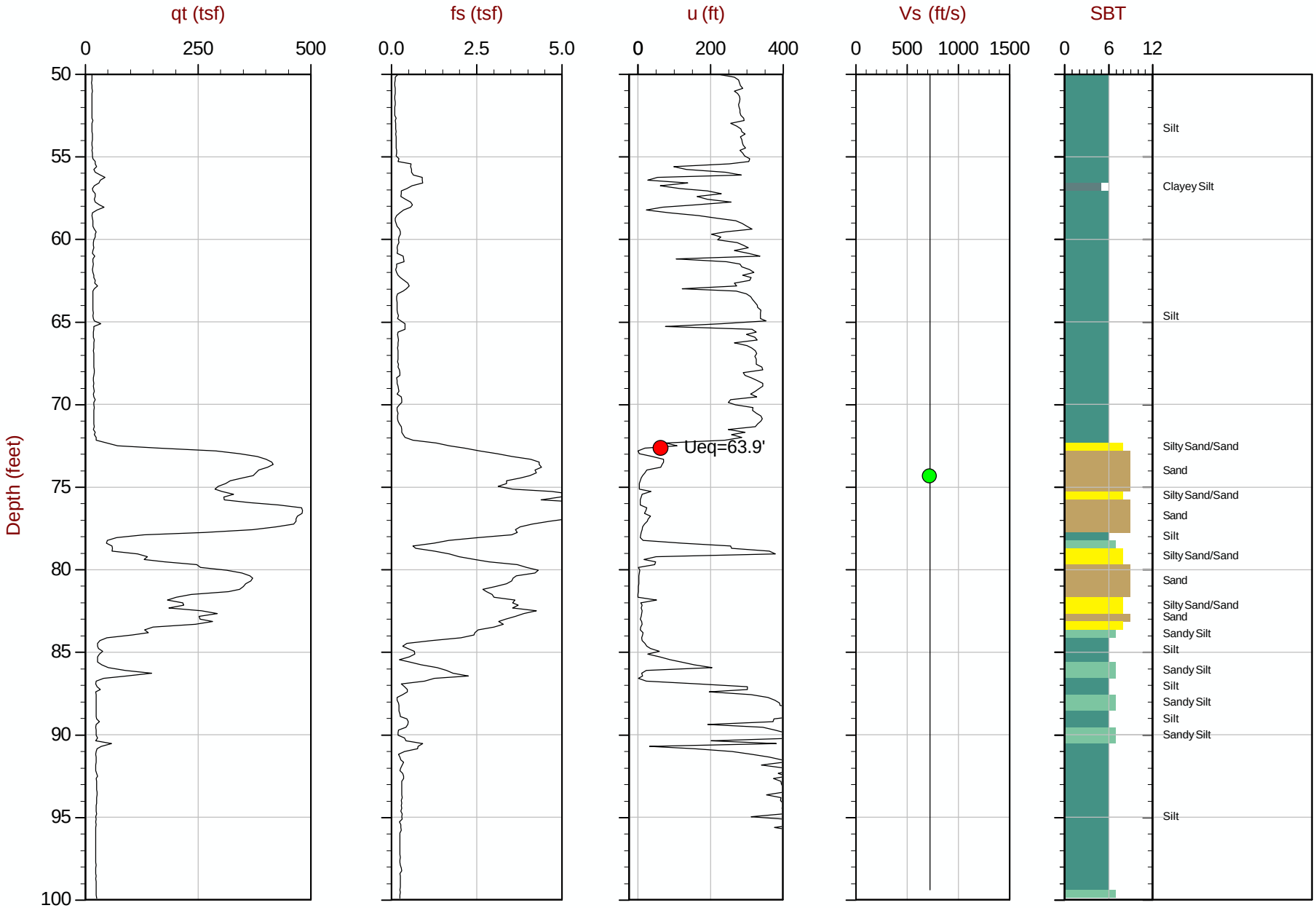
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 00:18
Site: I-15

Sounding: 08-P9-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP33.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

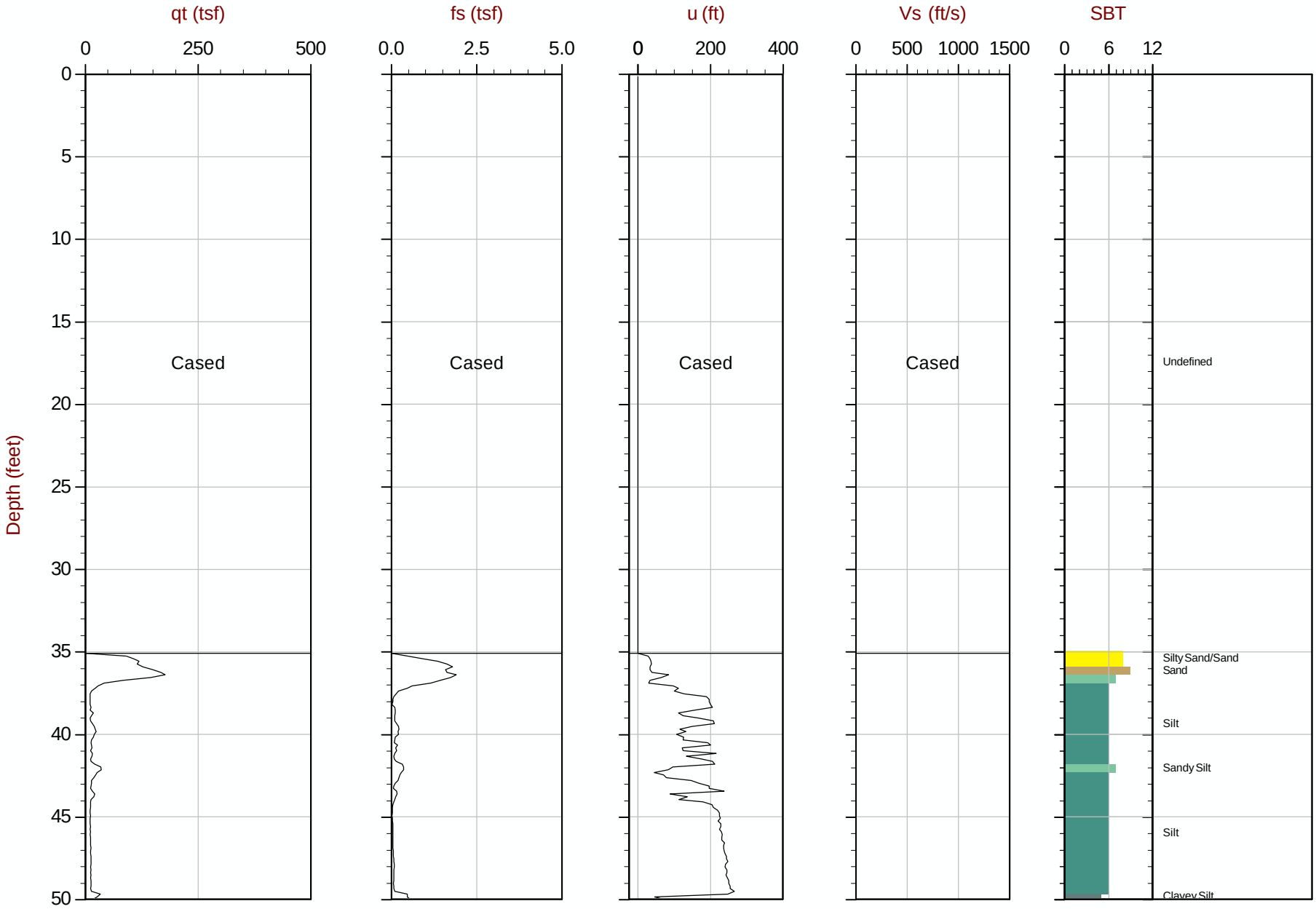
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 03:47
Site: I-15

Sounding: 08-P10-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP36.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

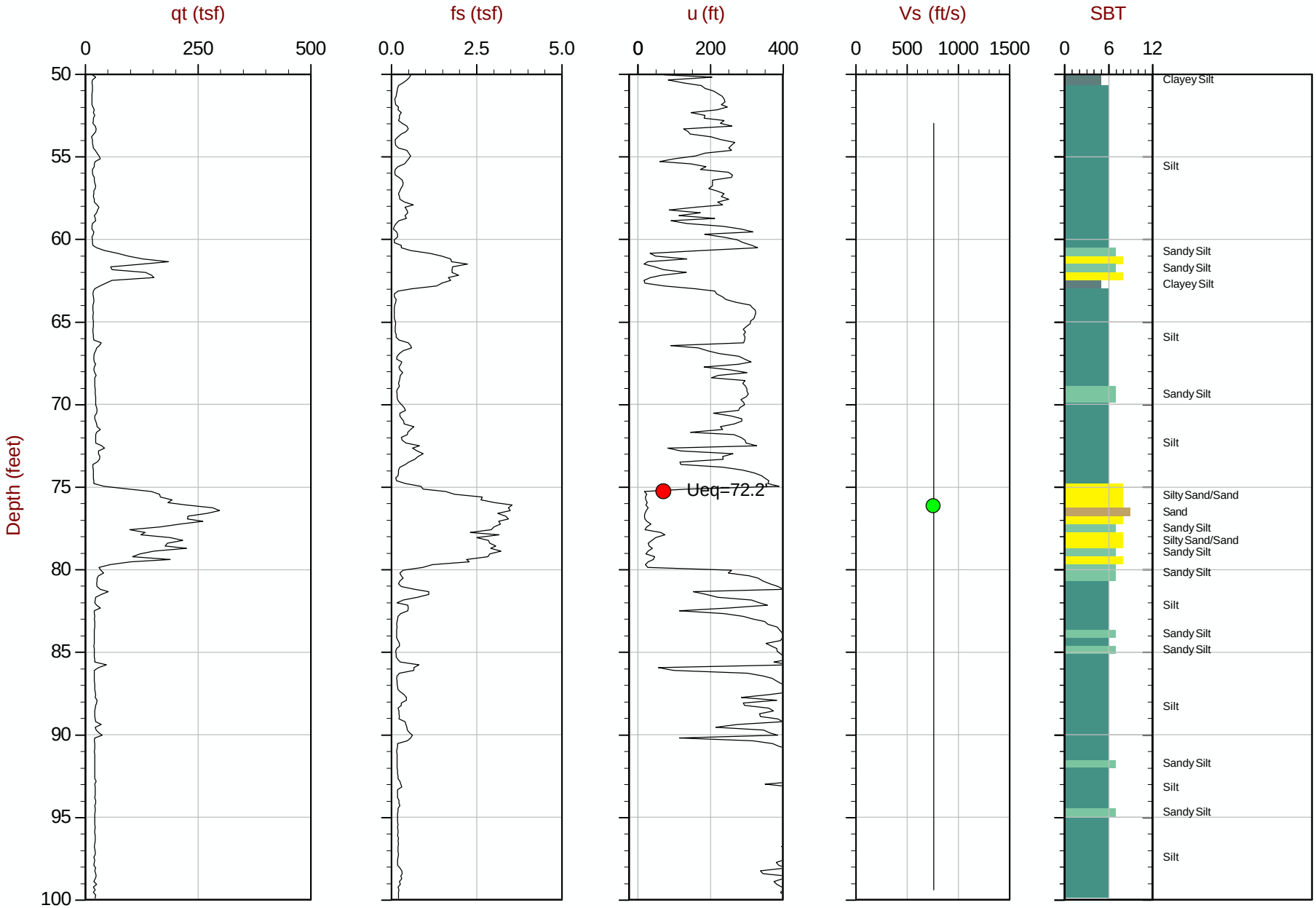
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:11:08 03:47
Site: I-15

Sounding: 08-P10-C1
Cone: STD 20T AD155



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP36.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

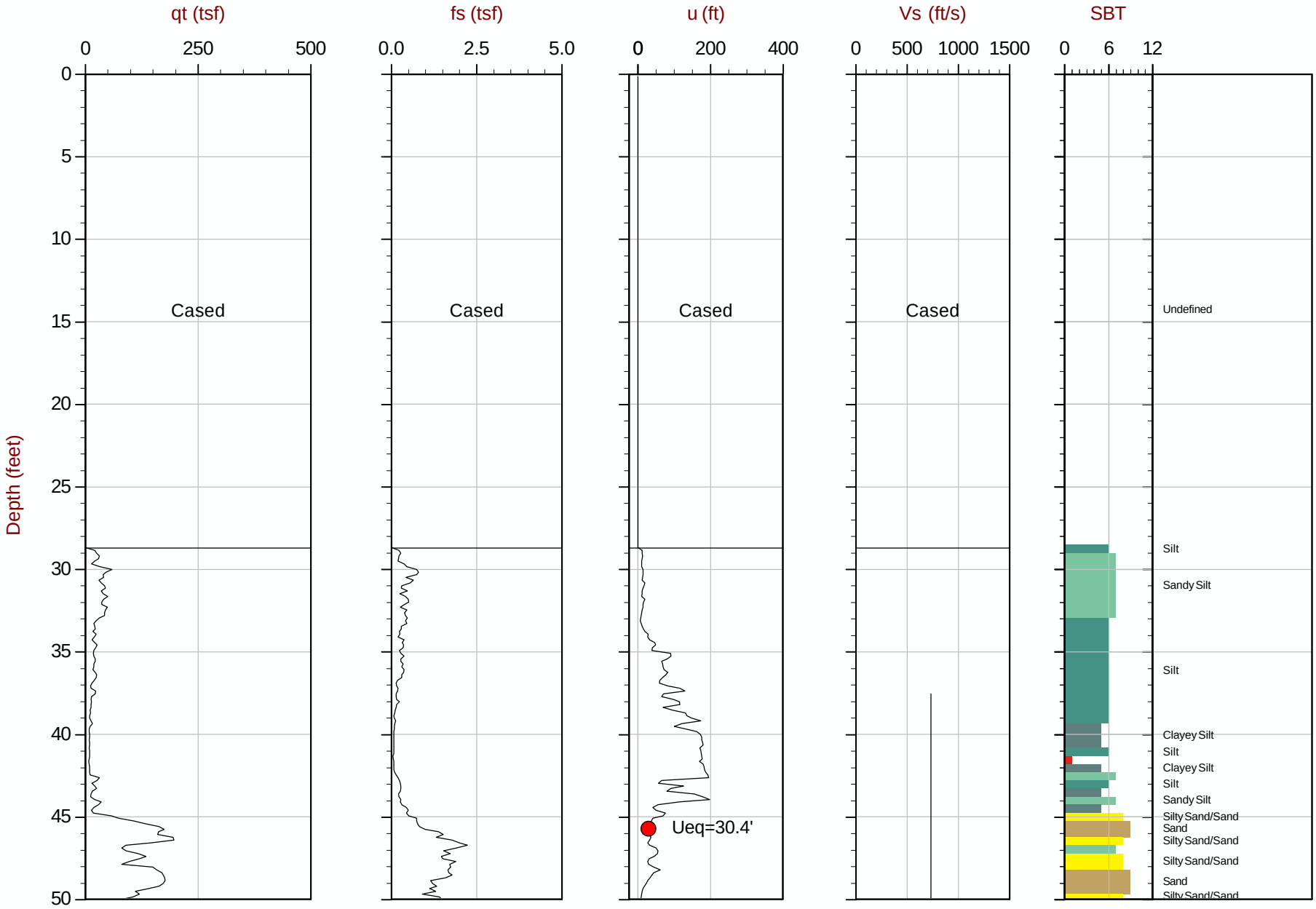
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 23:05
Site: I-15

Sounding: 08-P4-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP38.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

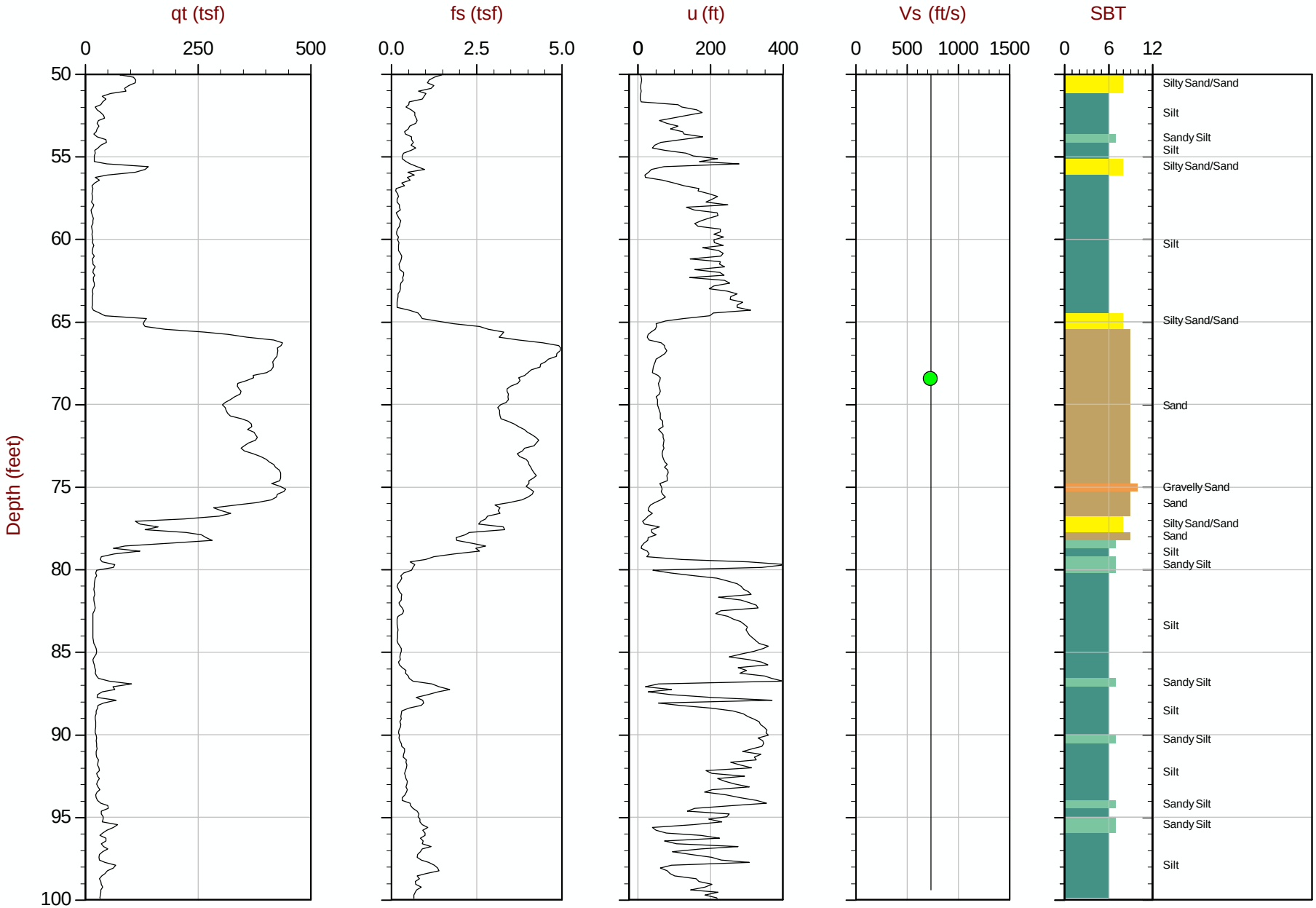
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 23:05
Site: I-15

Sounding: 08-P4-C2
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP38.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

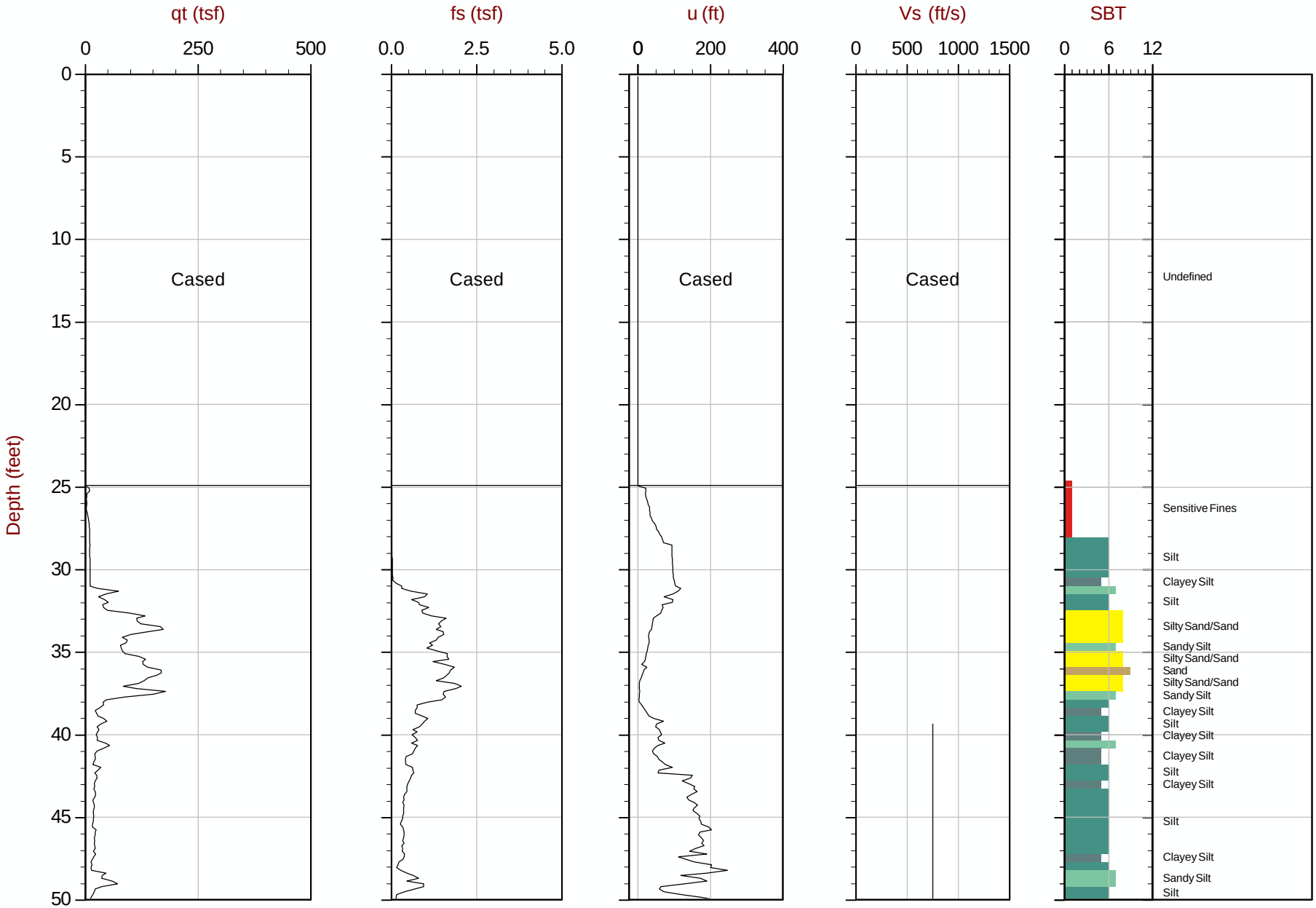
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 00:02
Site: I-15

Sounding: 08-P4-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP39A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

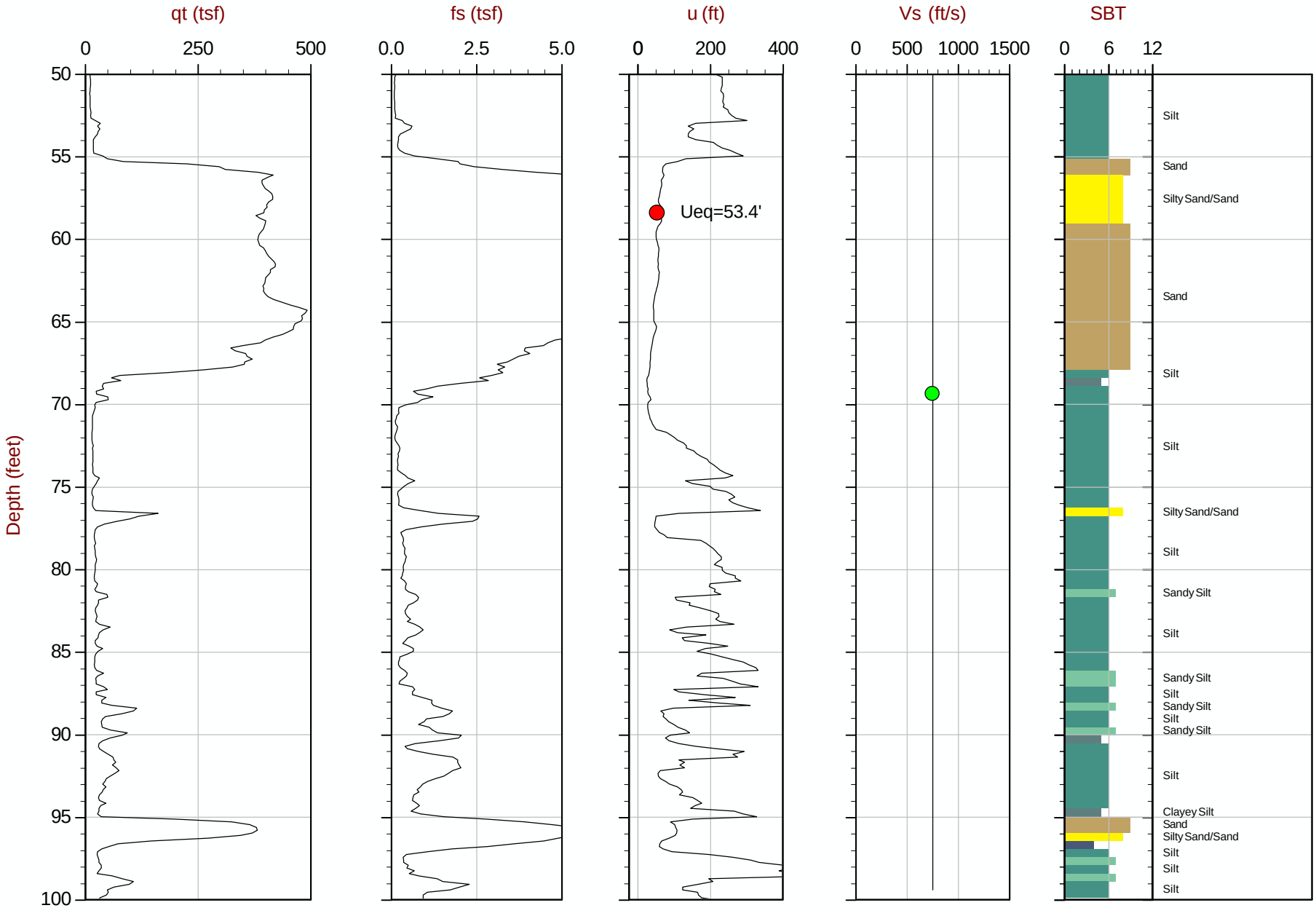
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 00:02
Site: I-15

Sounding: 08-P4-C1
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP39A.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

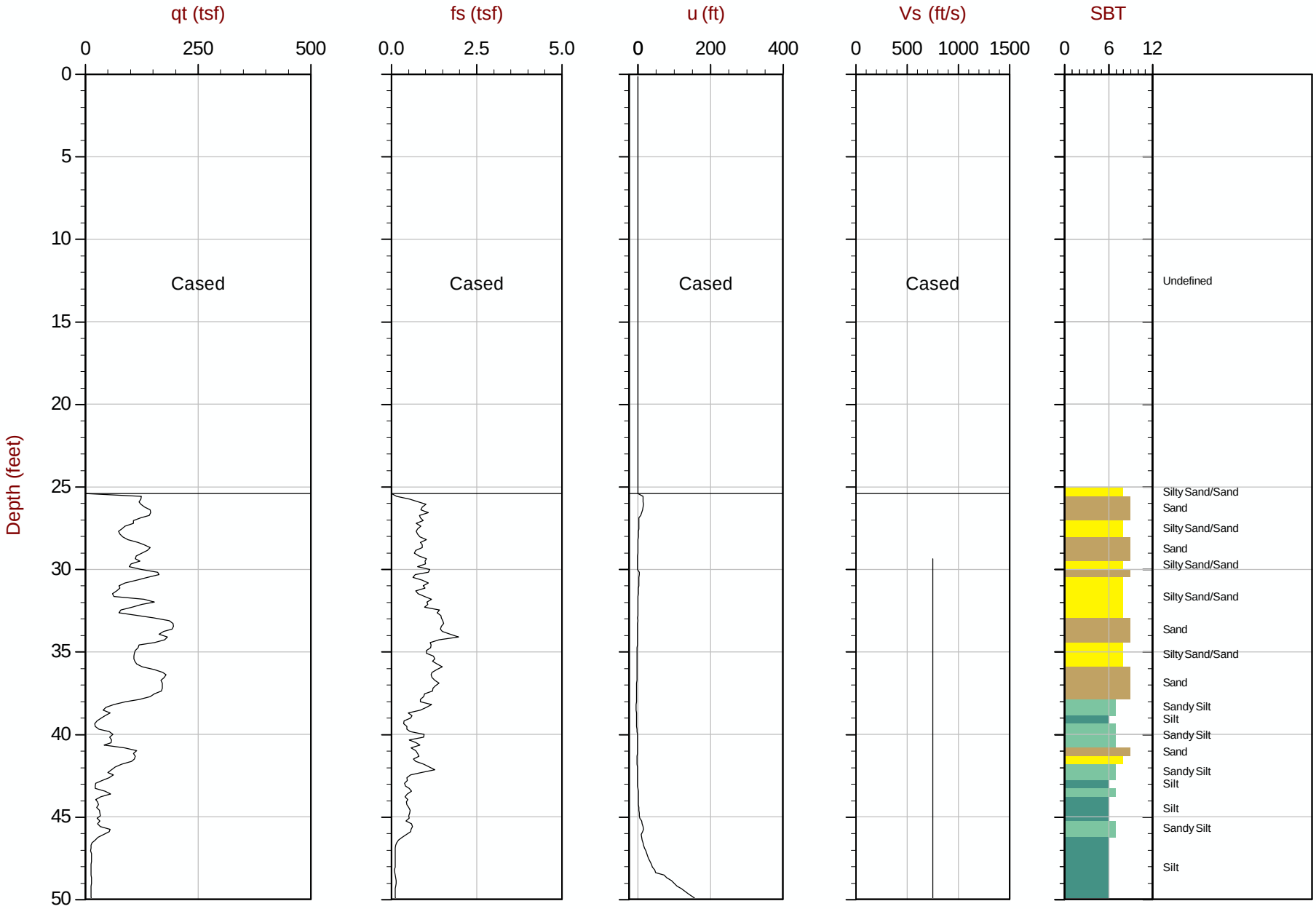
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

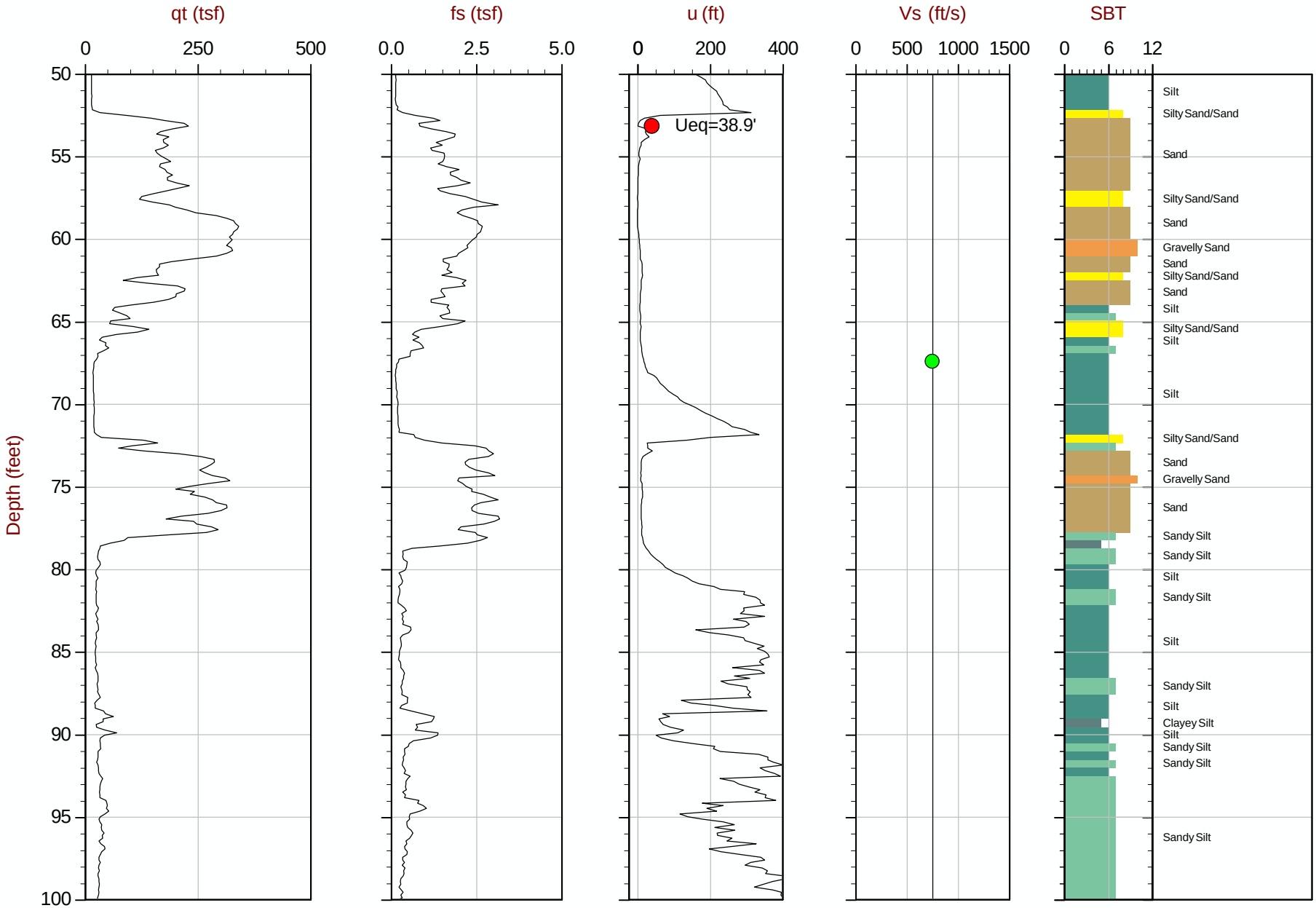
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

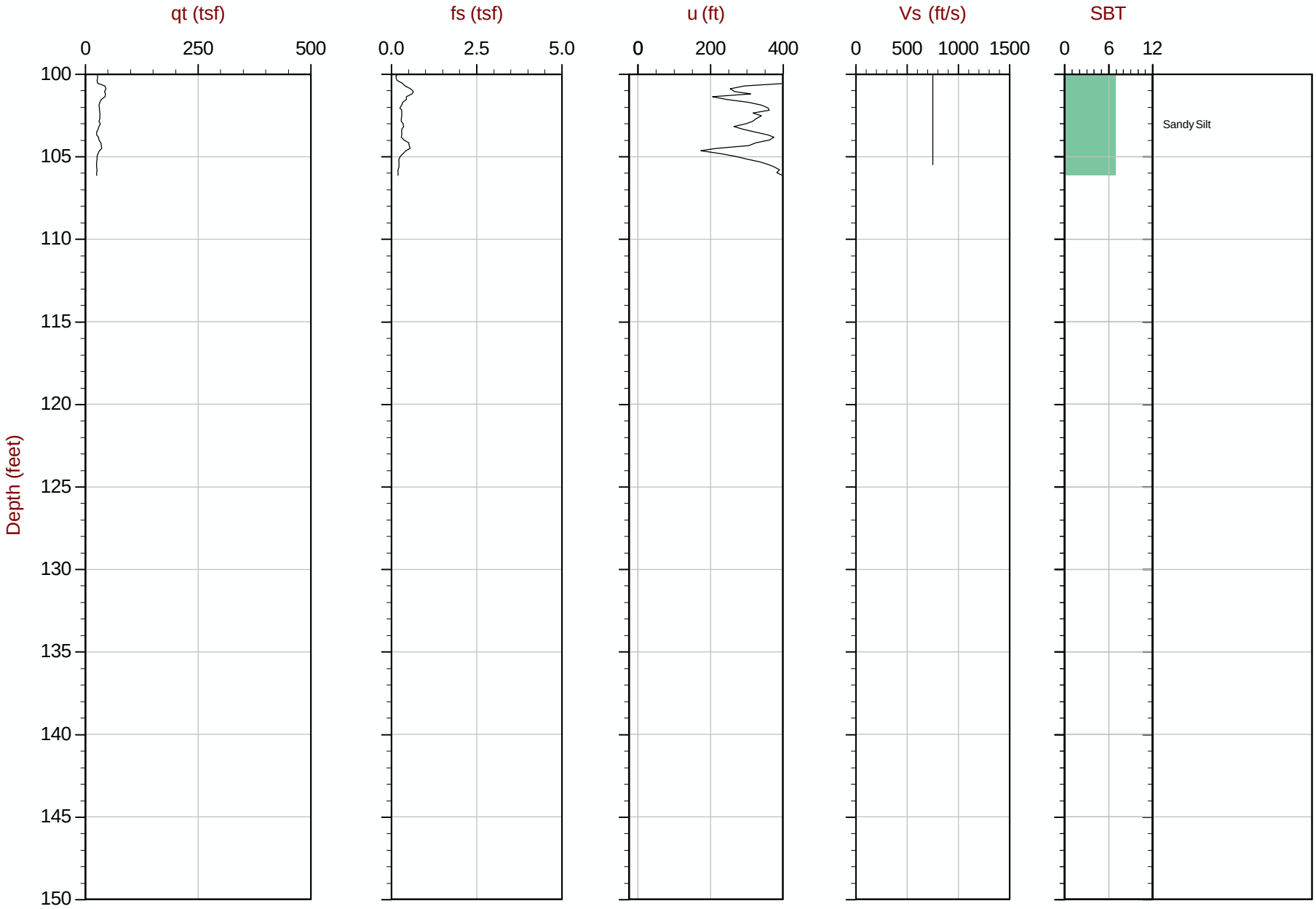
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:17:08 02:55
Site: I-15

Sounding: 08-P6-C2
Cone: STD 20T AD146



Max Depth: 32.350 m / 106.13 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP41.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

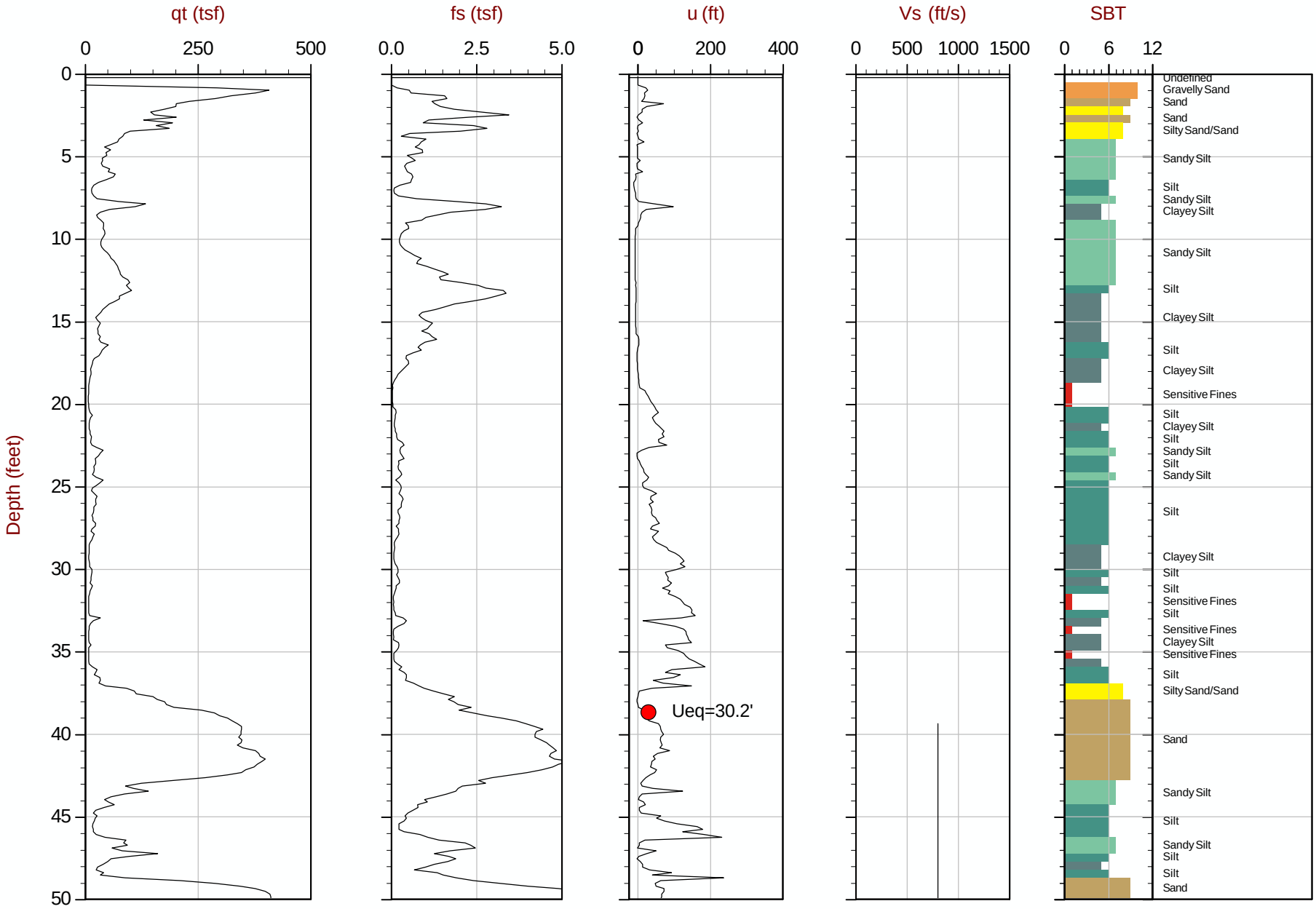
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 01:37
Site: I-15

Sounding: 08-P3-C2
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP46.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

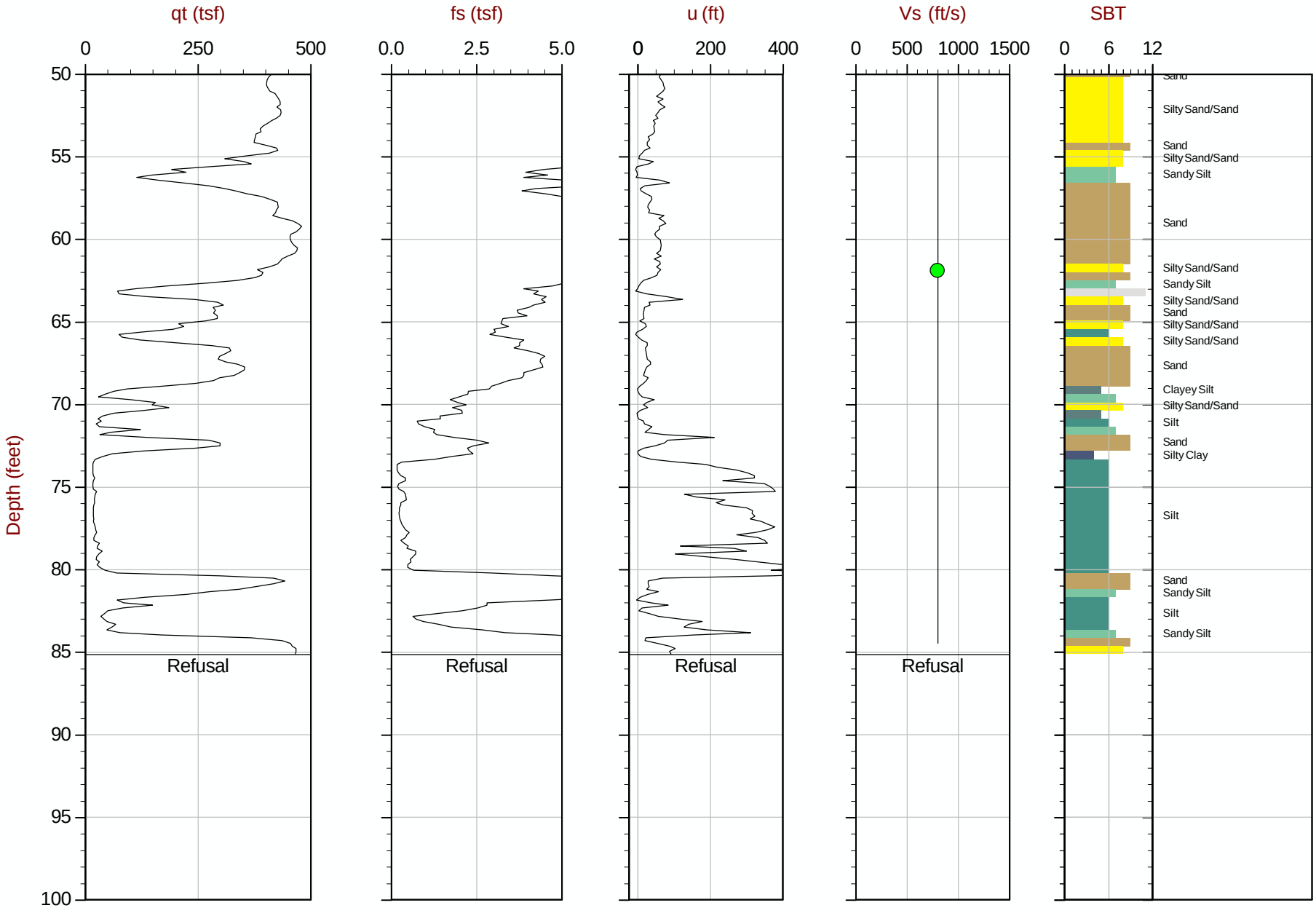
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 01:37
Site: I-15

Sounding: 08-P3-C2
Cone: STD 20T AD146



Max Depth: 25.950 m / 85.14 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP46.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

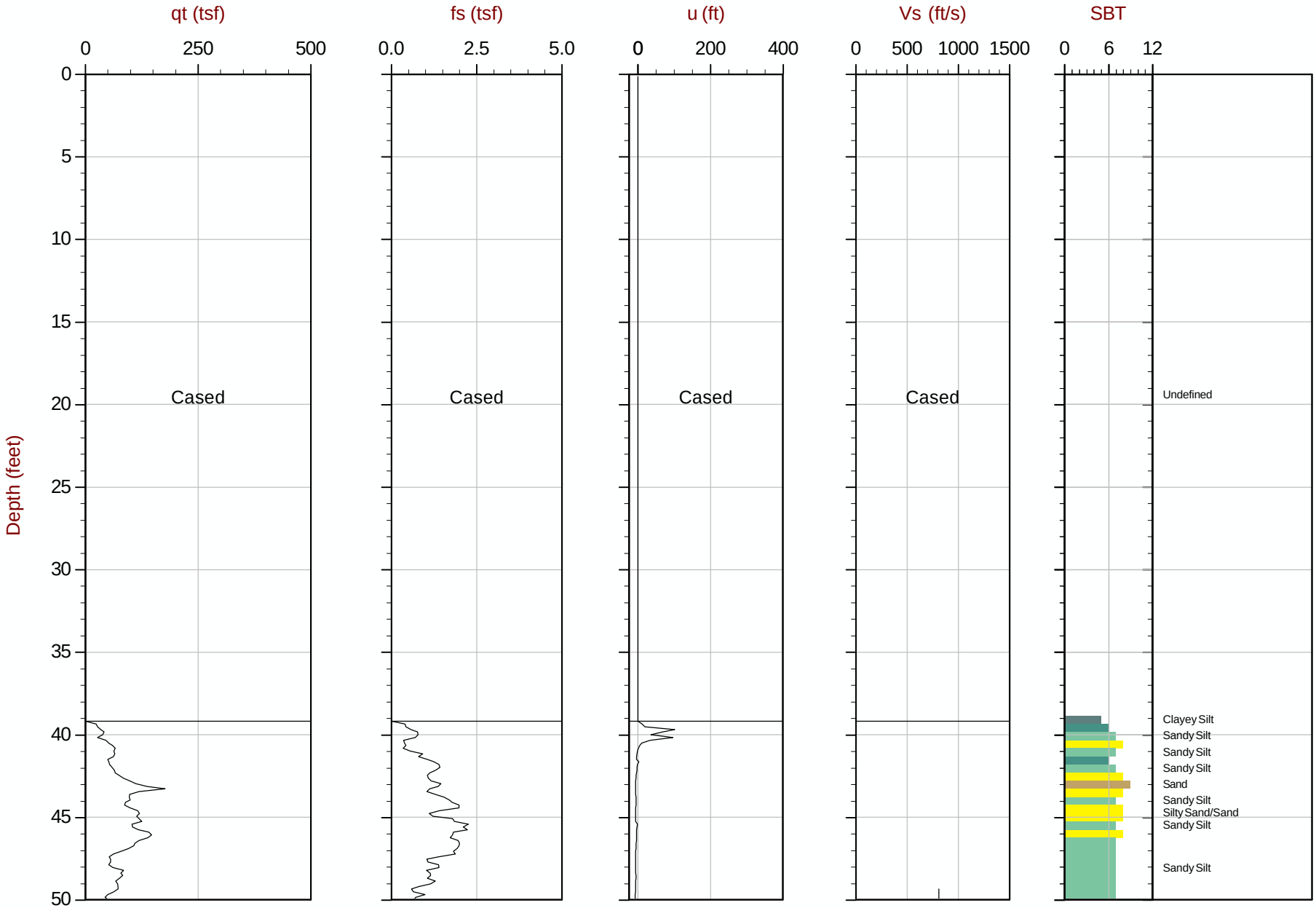
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 04:43
Site: I-15

Sounding: 08-P1-C1
Cone: STD 20T AD146



Max Depth: 25.000 m / 82.02 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP48.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

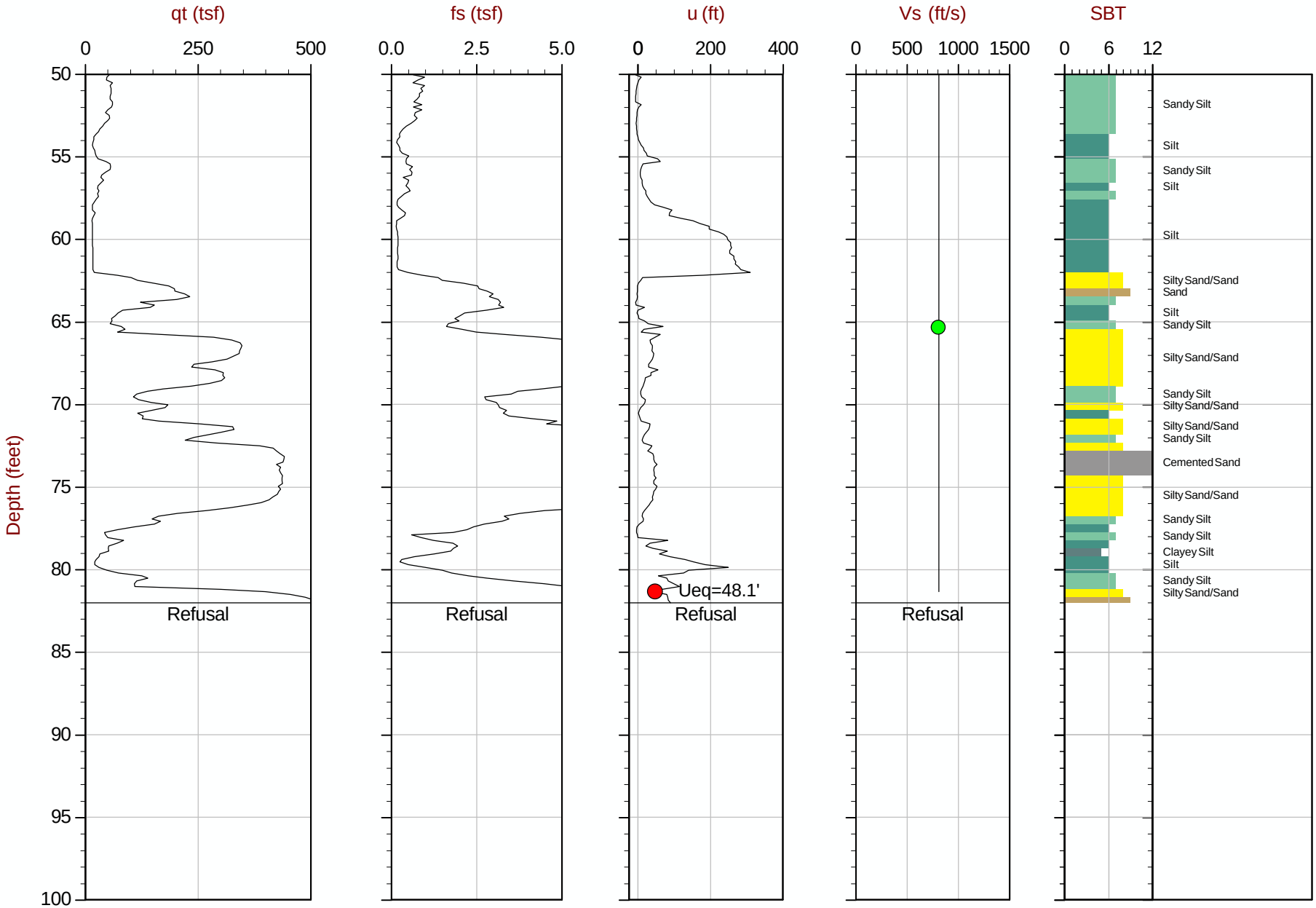
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 04:43
Site: I-15

Sounding: 08-P1-C1
Cone: STD 20T AD146



Max Depth: 25.000 m / 82.02 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP48.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

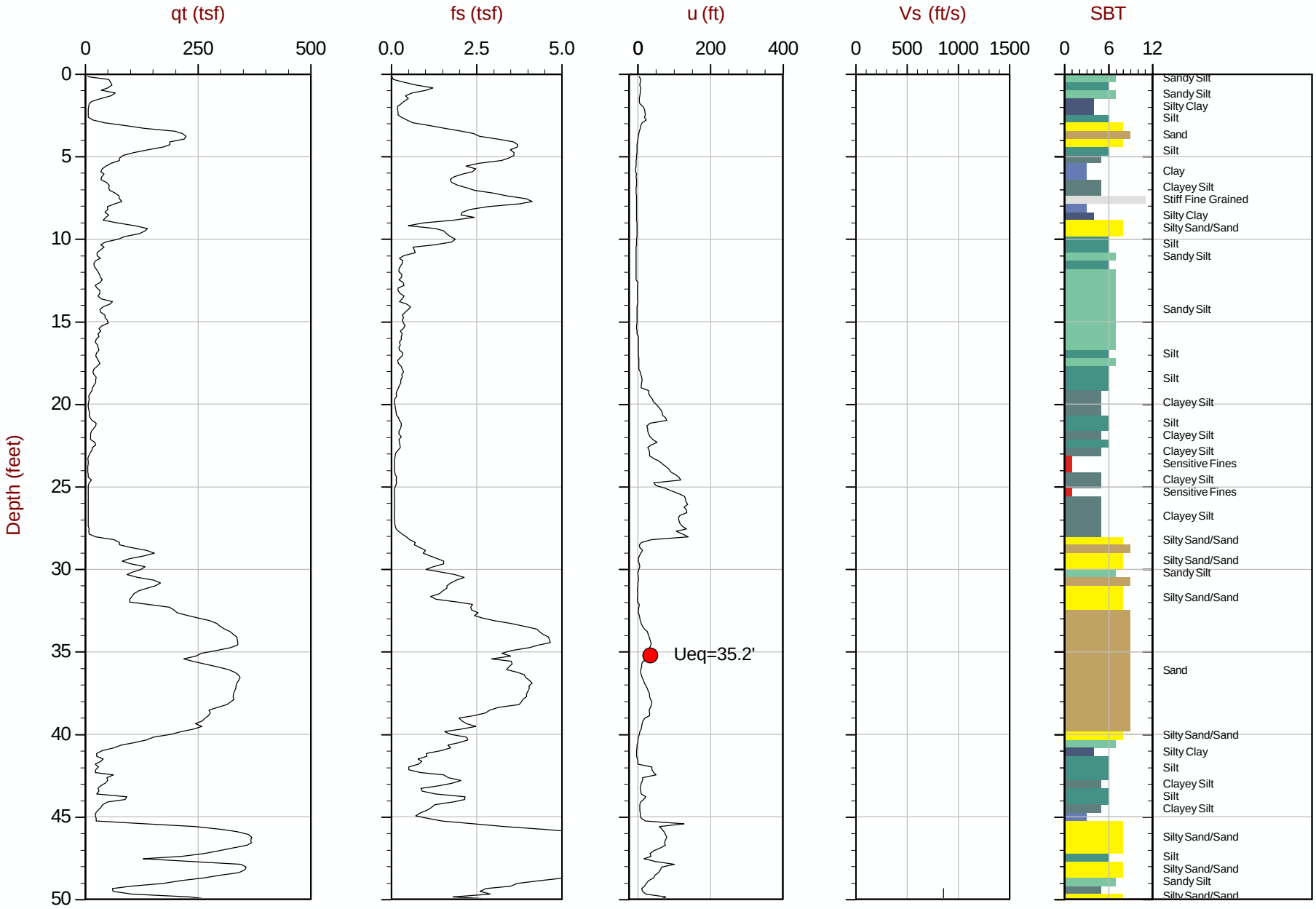
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

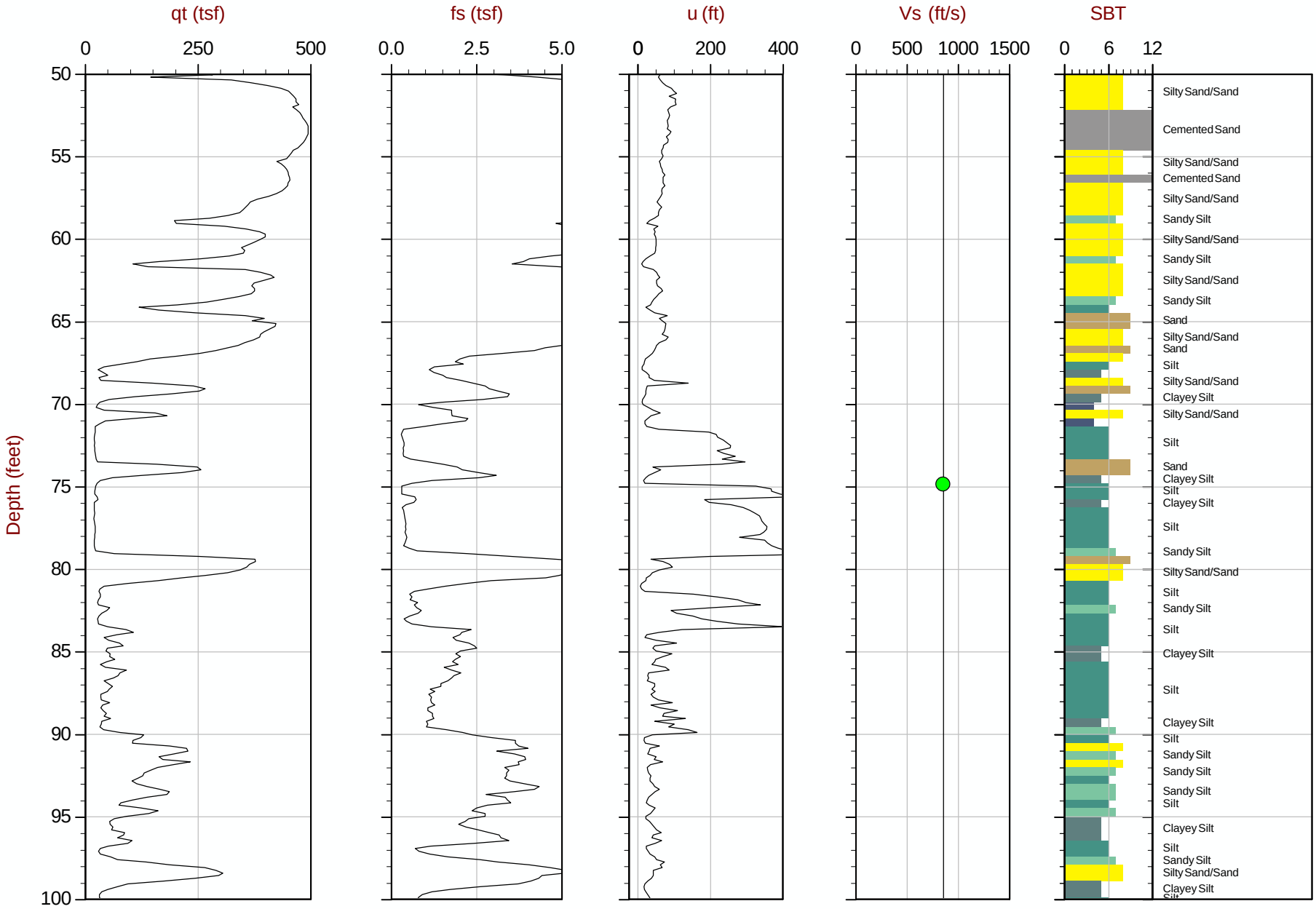
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

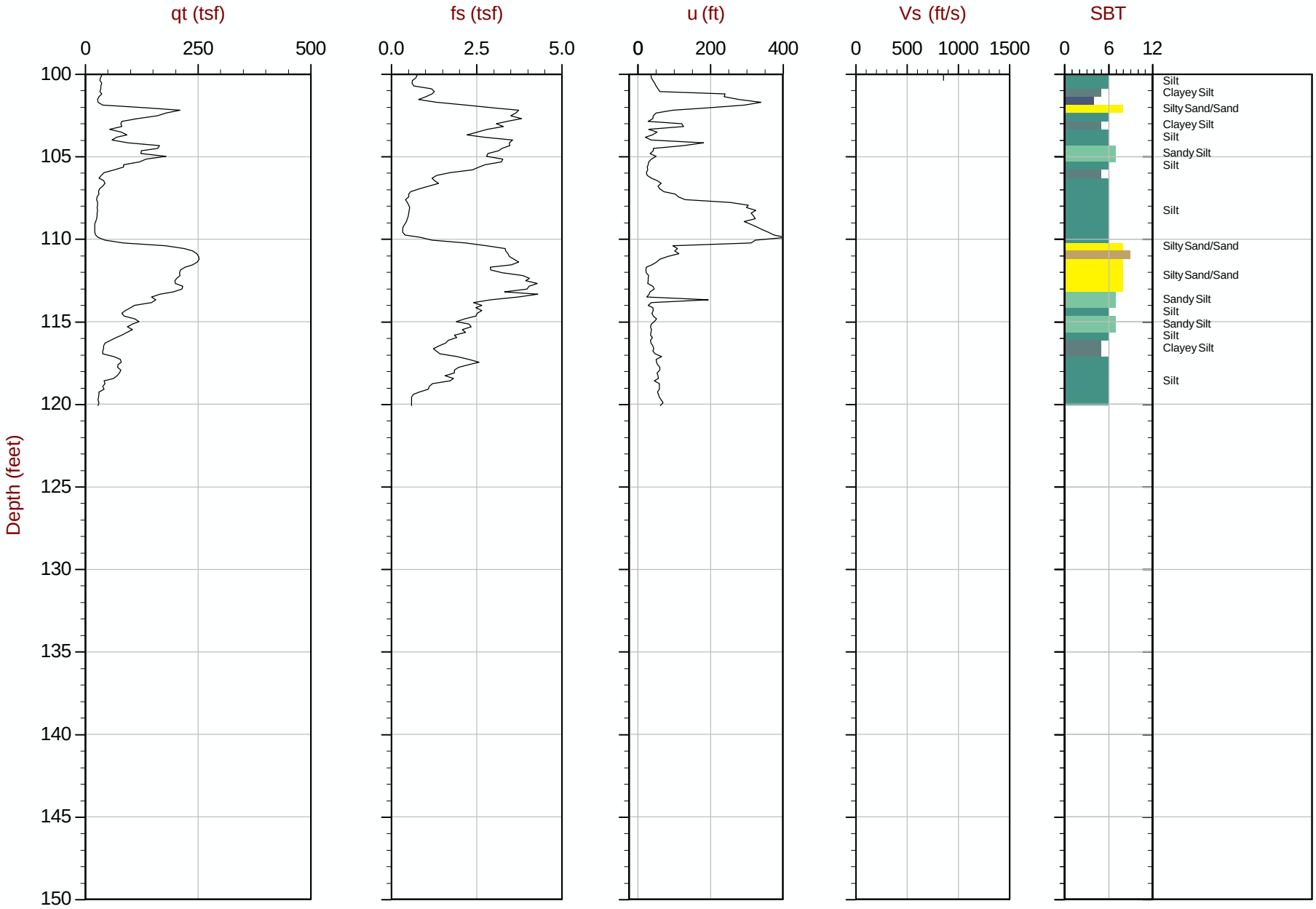
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 20:33
Site: I-15

Sounding: 08-P2-C1
Cone: STD 20T AD146



Max Depth: 36.600 m / 120.08 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP49.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

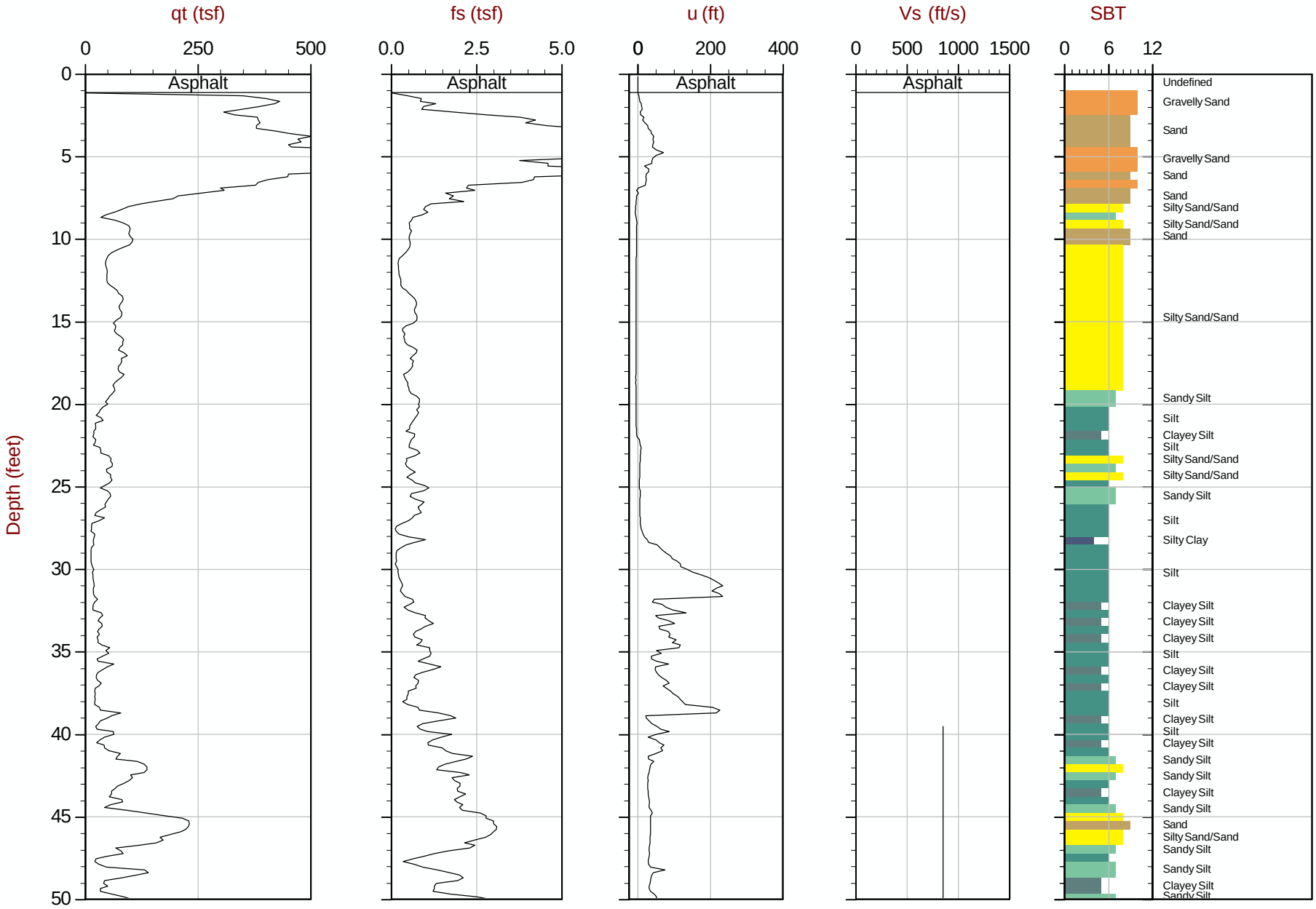
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 22:49
Site: I-15

Sounding: 08-OR7-C4
Cone: STD 20T AD146



Max Depth: 28.500 m / 93.50 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP50.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

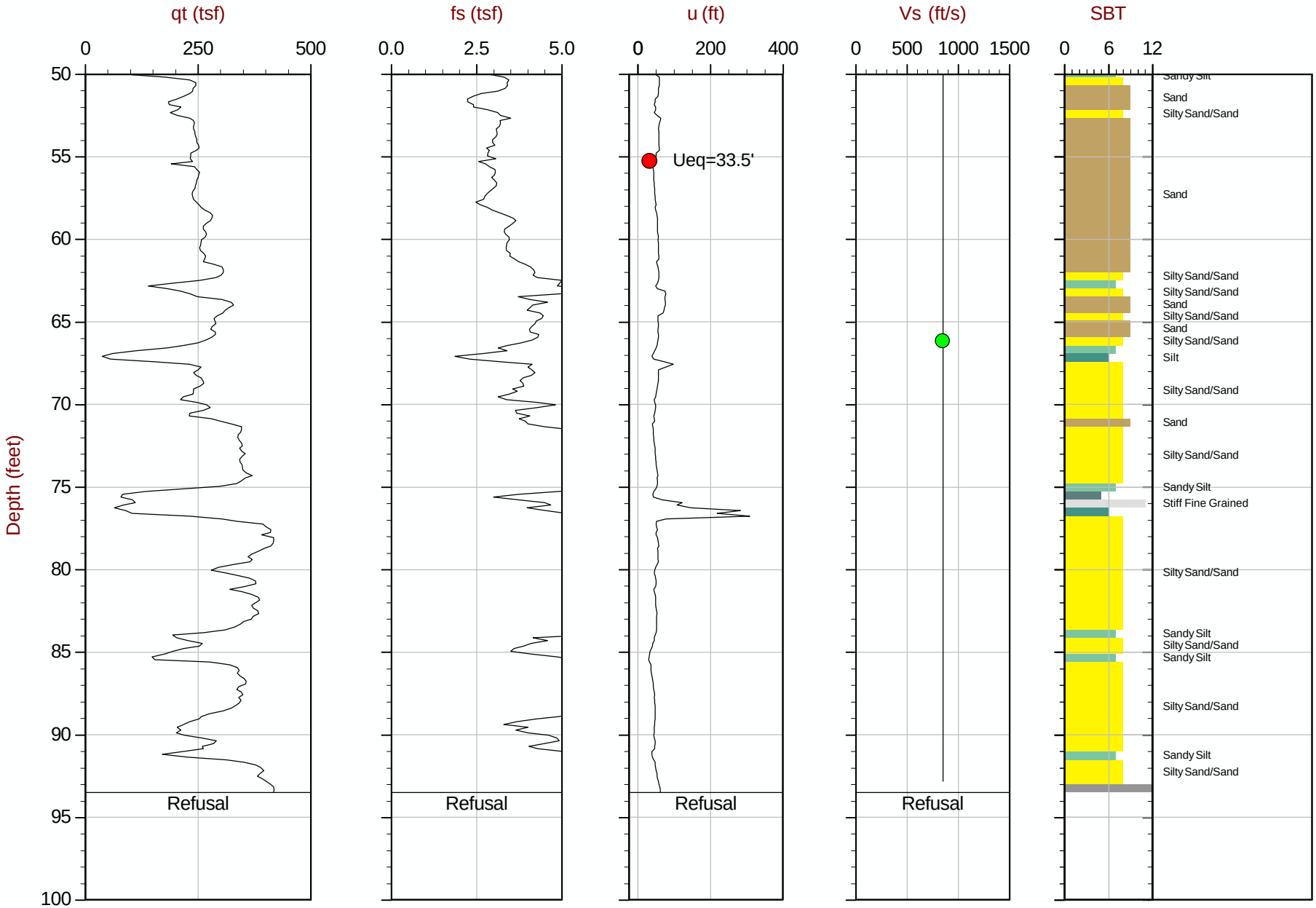
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:25:08 22:49
Site: I-15

Sounding: 08-OR7-C4
Cone: STD 20T AD146



Max Depth: 28.500 m / 93.50 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP50.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

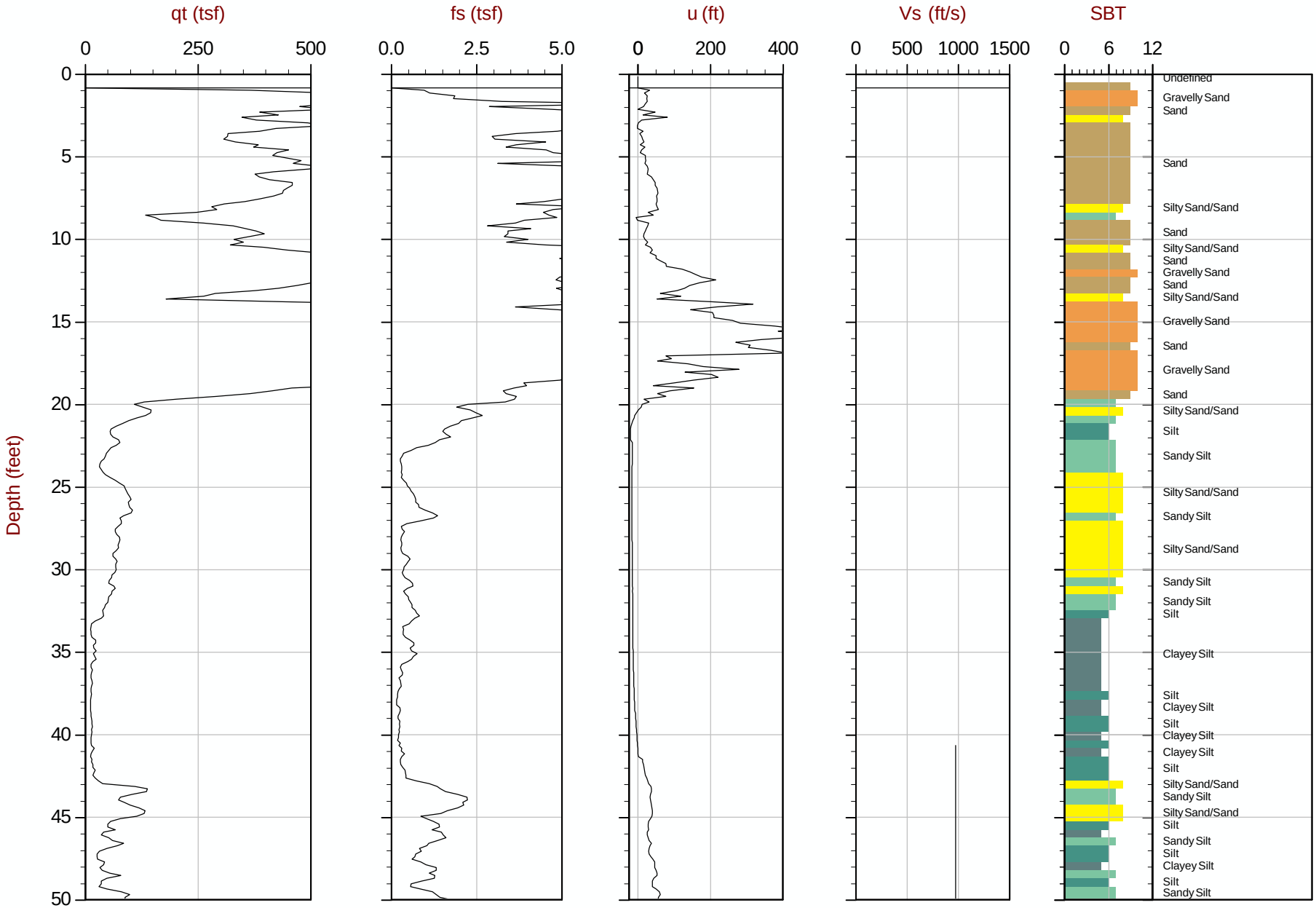
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 02:51
Site: I-15

Sounding: 08-OR7-C3
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP53.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

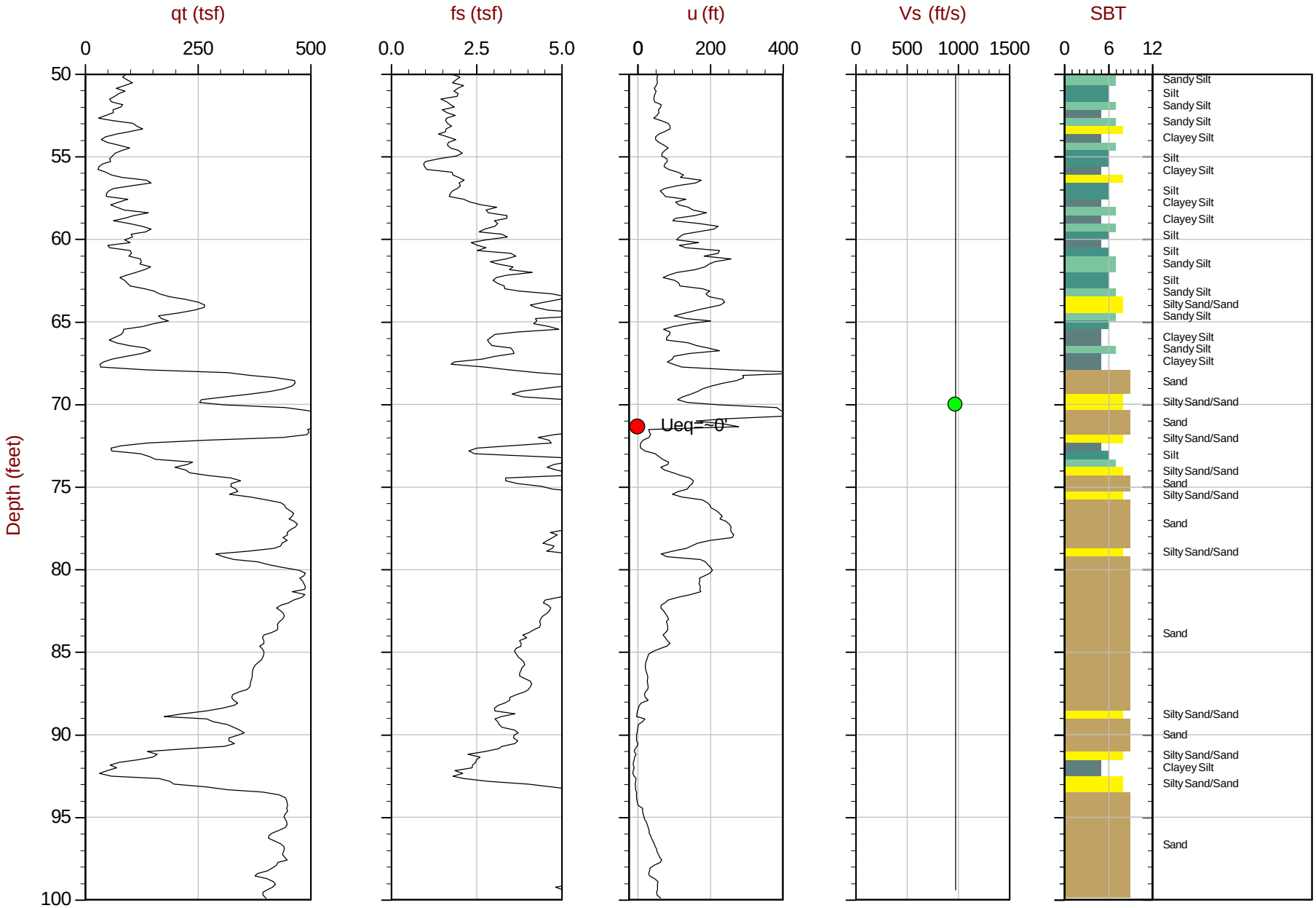
● Equilibrium Pore Pressure from Dissipation

CONETEC

IGES

Job No: 08-419
Date: 11:26:08 02:51
Site: I-15

Sounding: 08-OR7-C3
Cone: STD 20T AD146



Max Depth: 30.500 m / 100.06 ft
Depth Inc: 0.050 m / 0.164 ft
Avg Int: 0.150 m

File: 419CP53.COR
Unit Wt: SBT Chart Soil Zones

SBT: Lunne, Robertson and Powell, 1997

● Equilibrium Pore Pressure from Dissipation