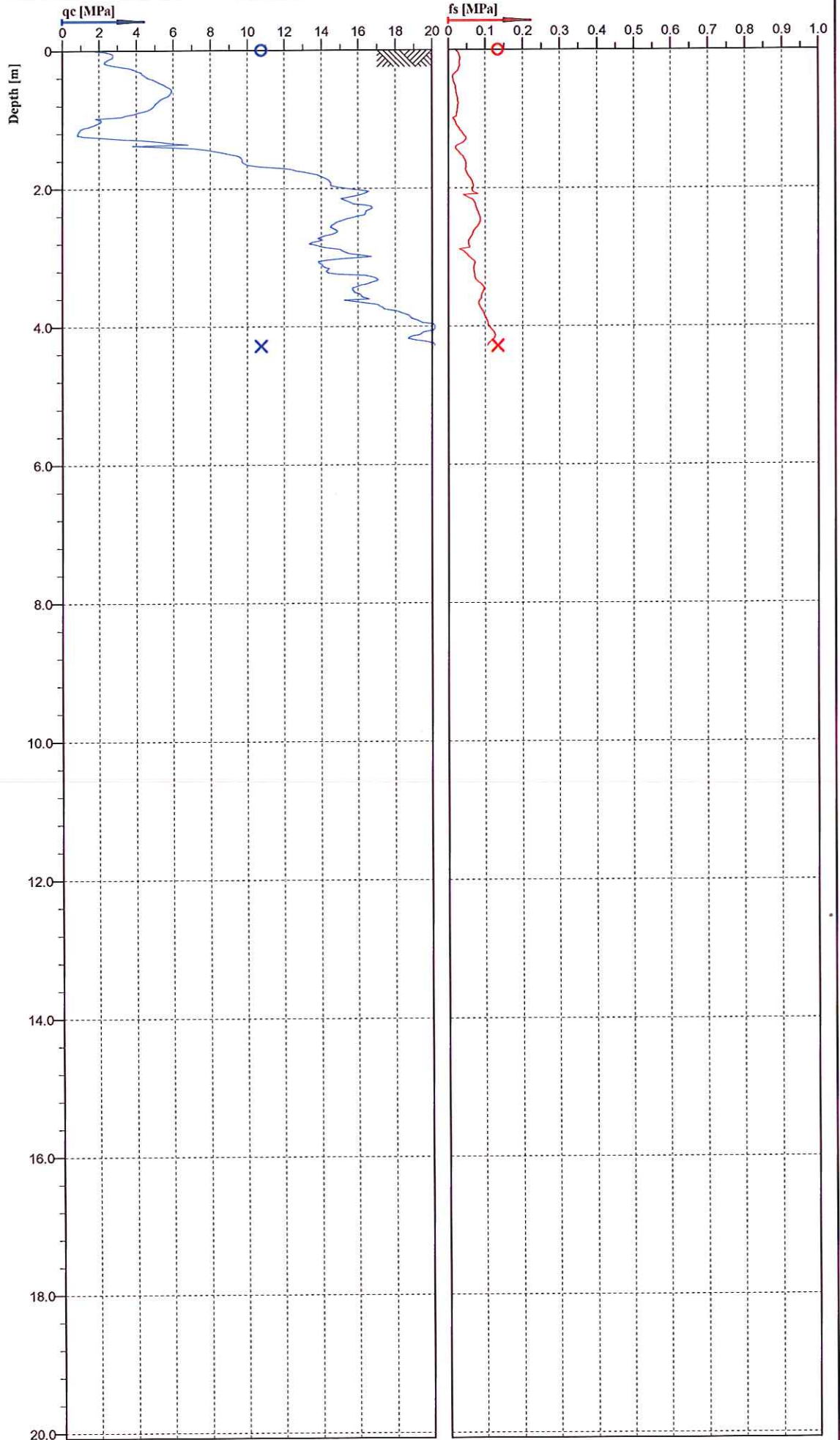
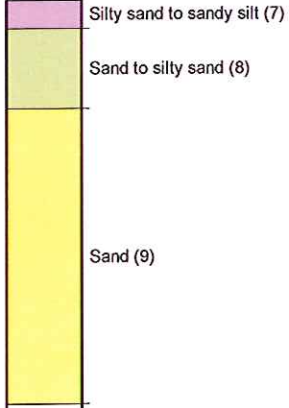


# Appendix C

## Pre-Compaction CPT Logs

Classification by  
Robertson 1986



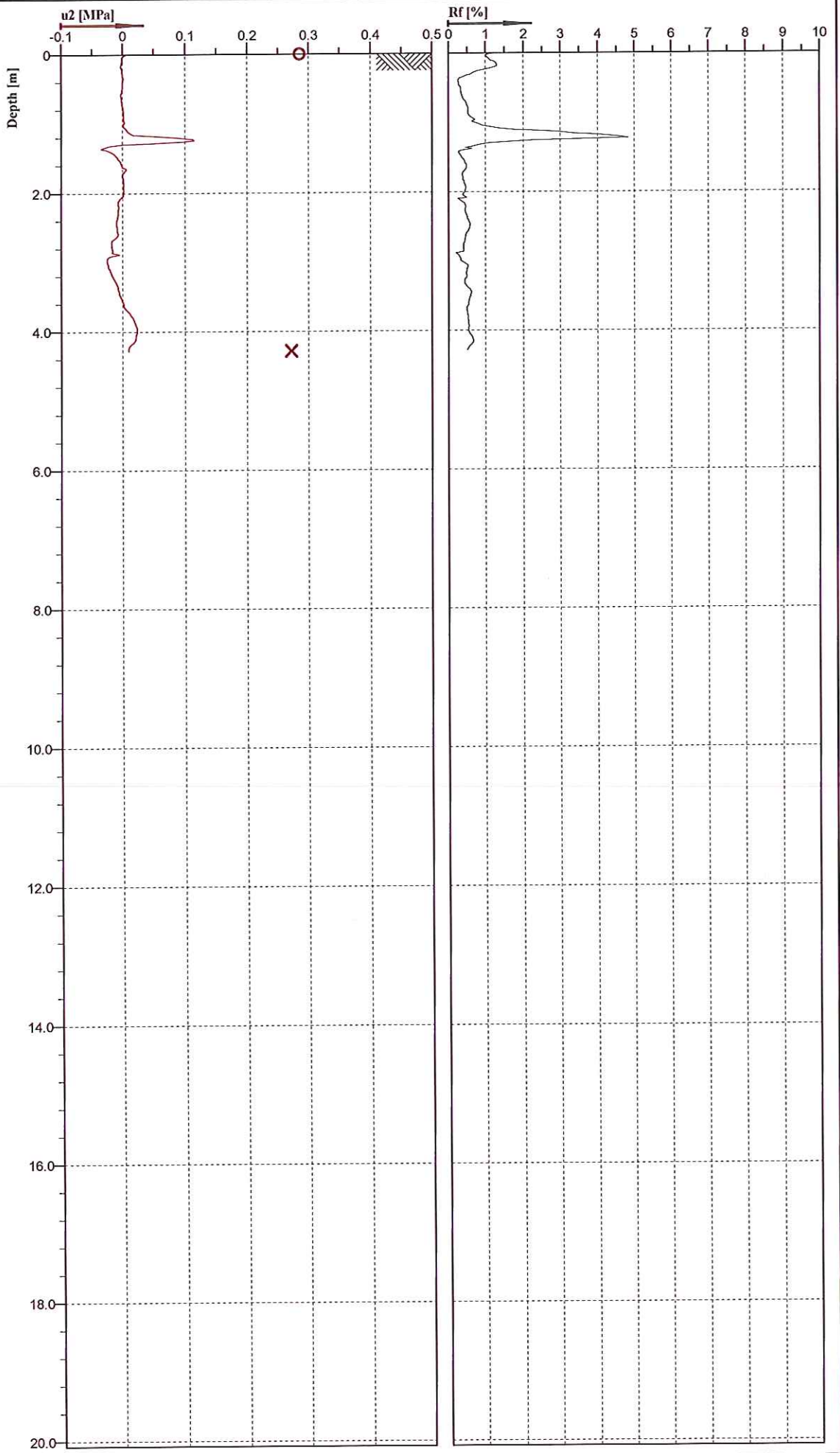
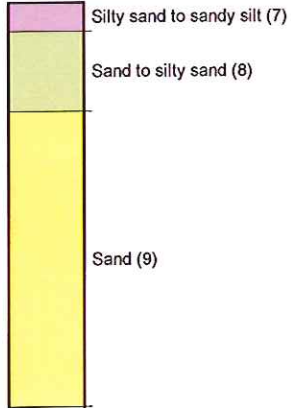
**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	506
Project ID:		Client:	Aurecon	Date:	27/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT506.c		

Classification by  
Robertson 1986



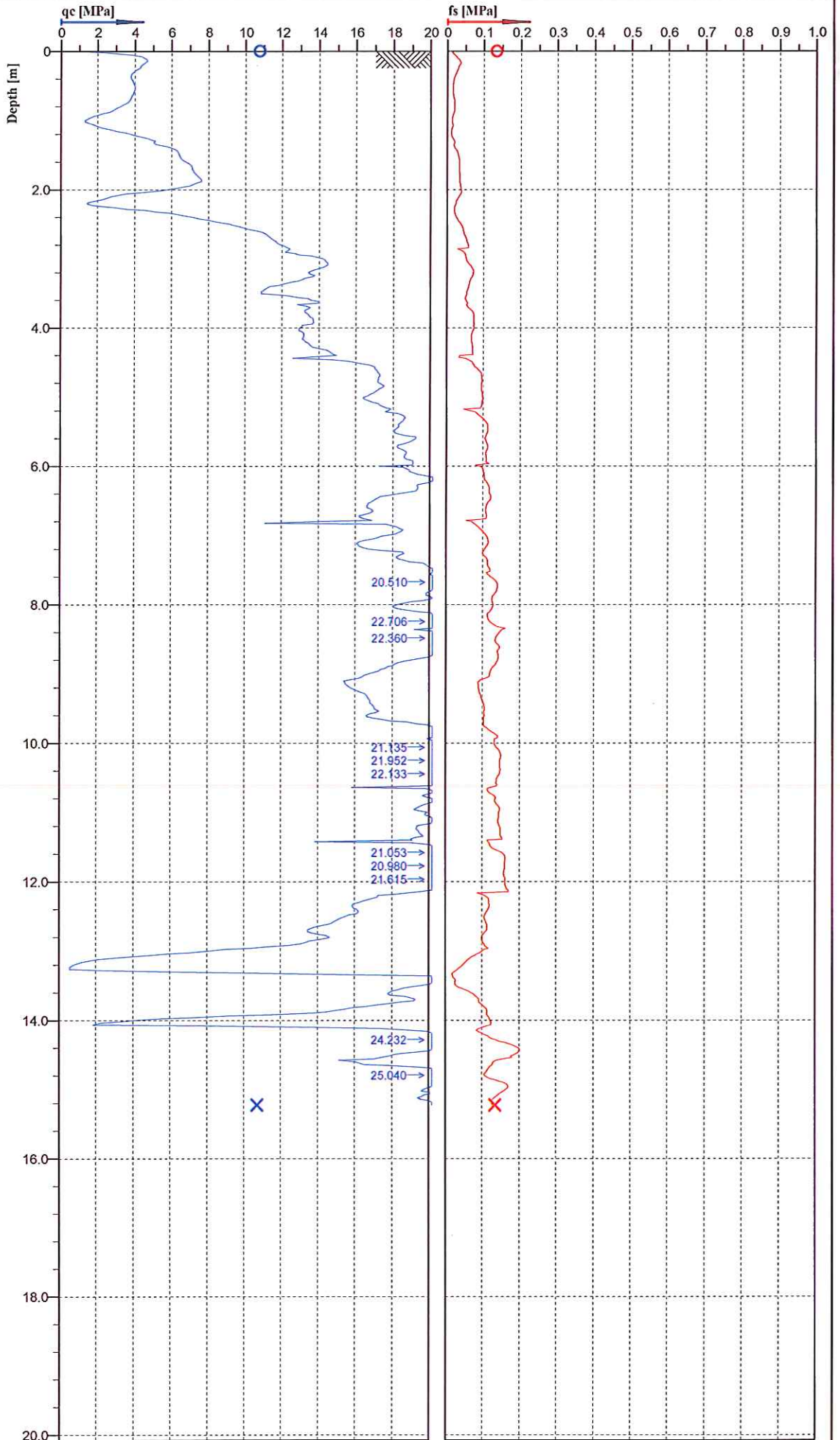
**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 506
Project ID:	Client: Aurecon	Date: 27/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSubdivisionPhase1CPT506.c	

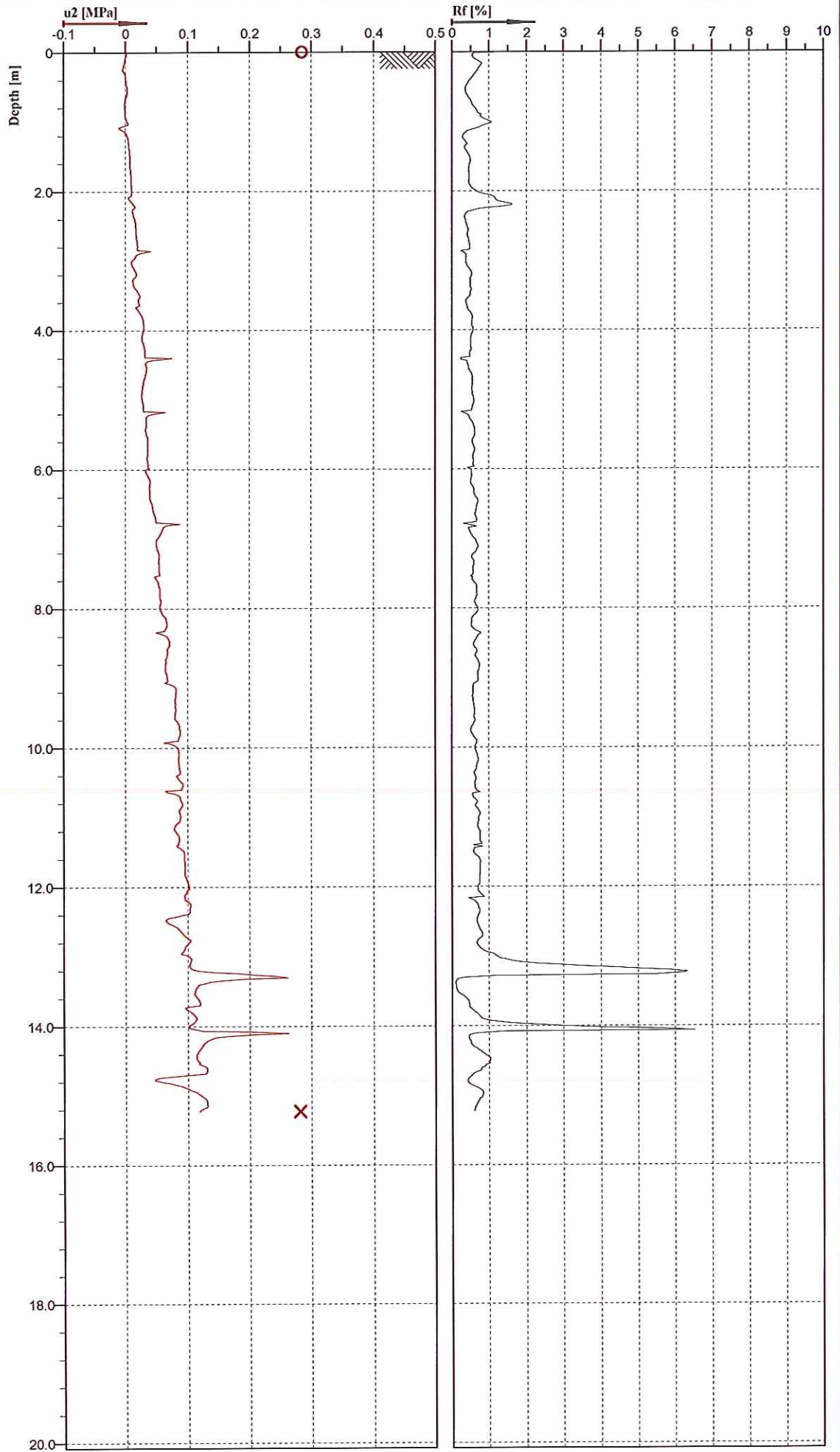
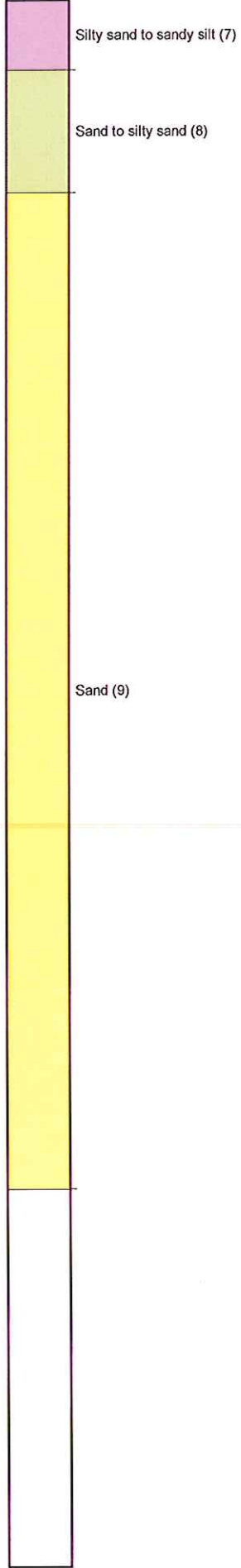
Classification by  
Robertson 1986



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	507
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT507.c		

Classification by  
Robertson 1986

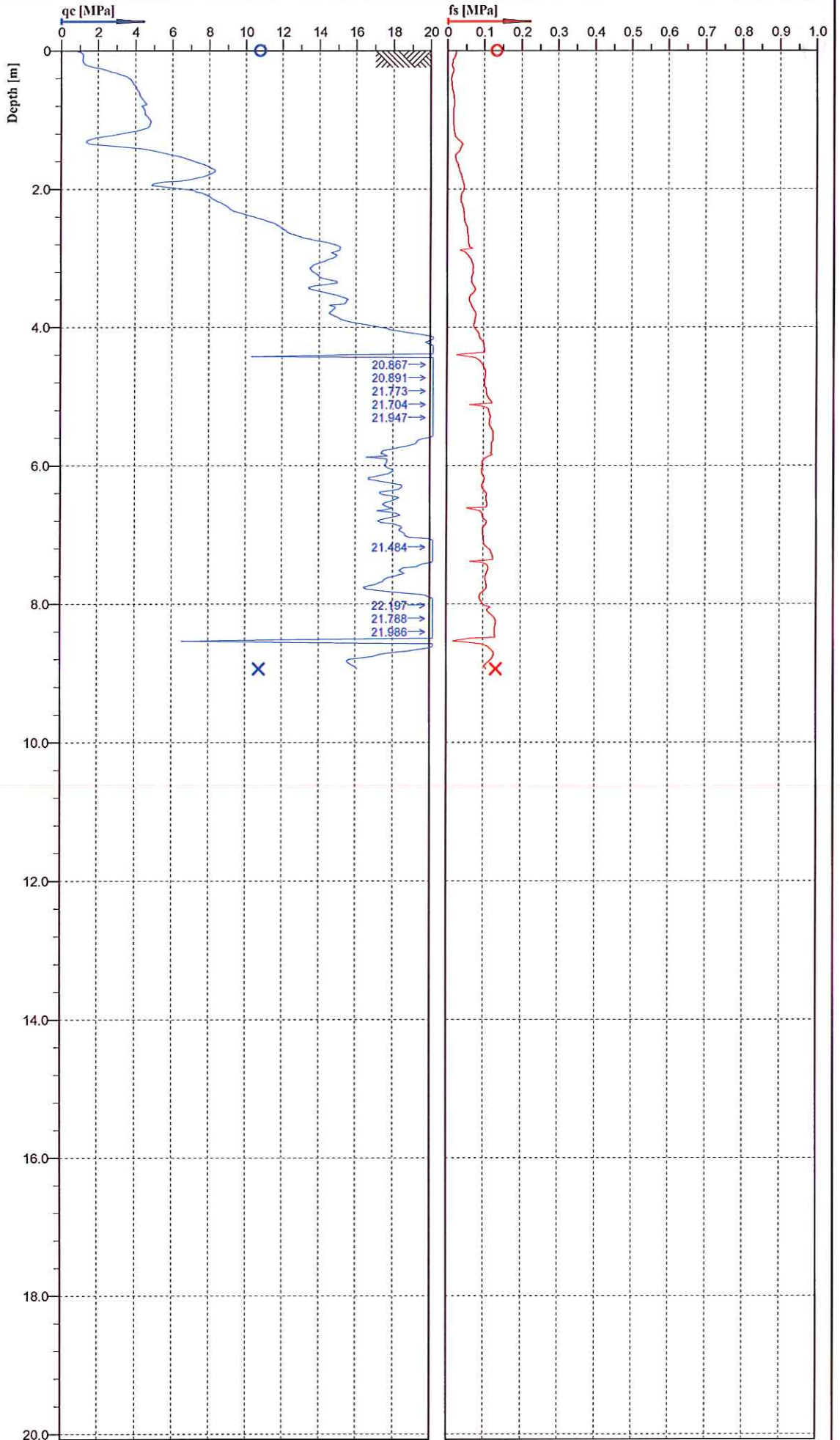
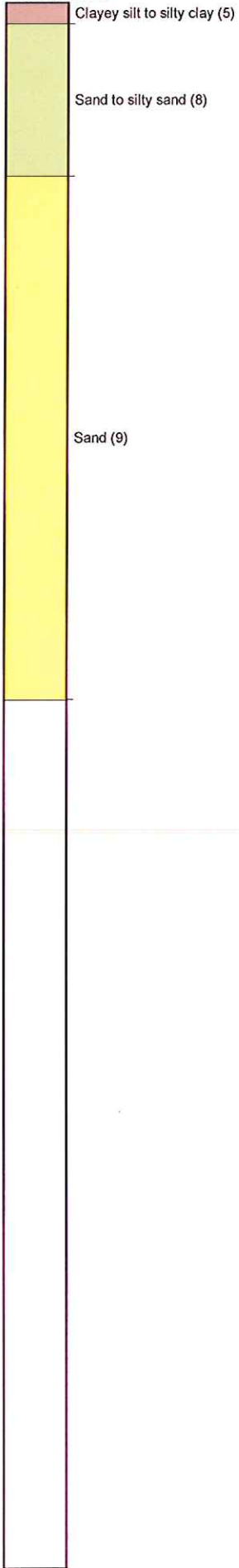


**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	507
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT507.c		

Classification by  
Robertson 1986

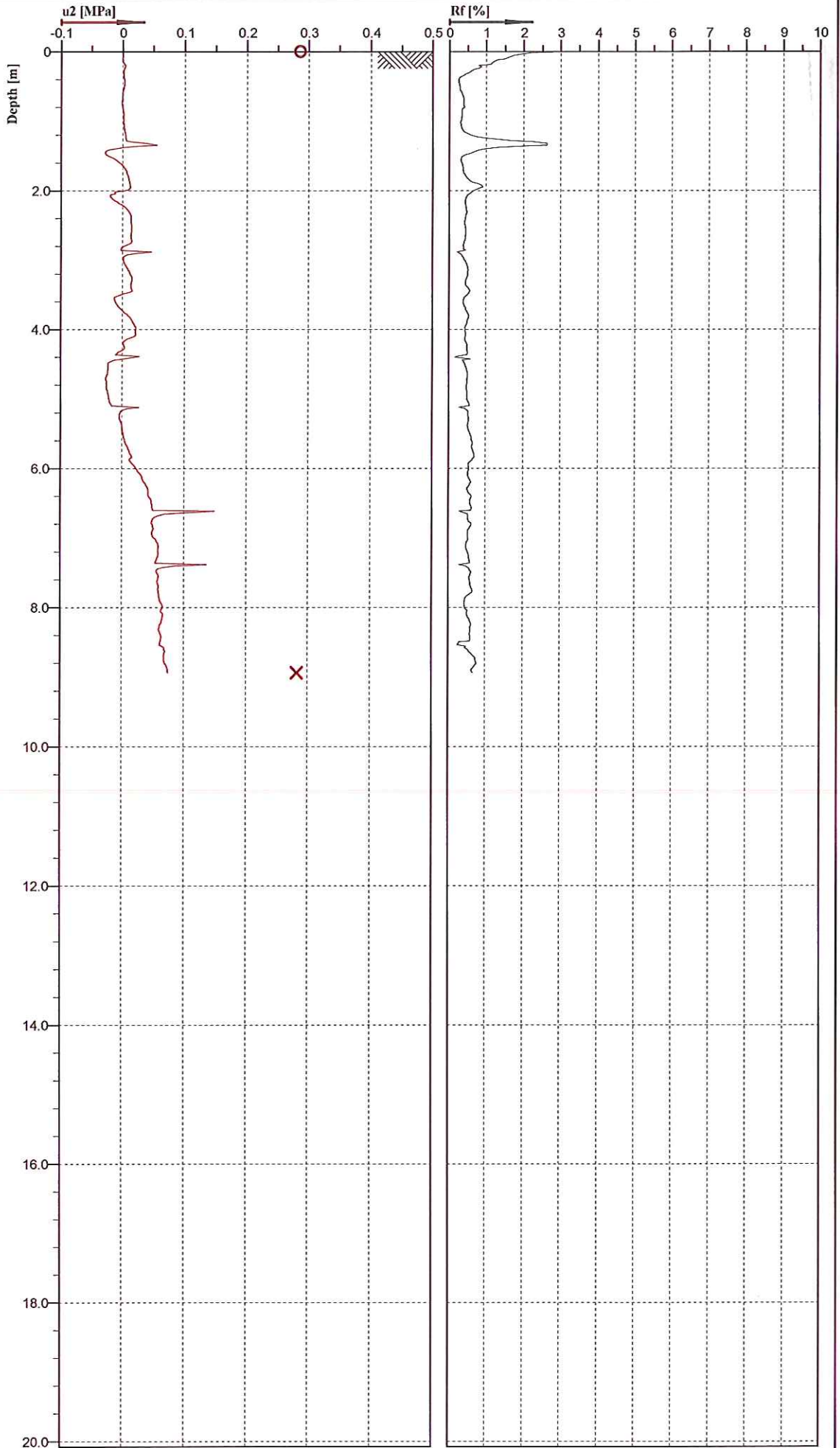
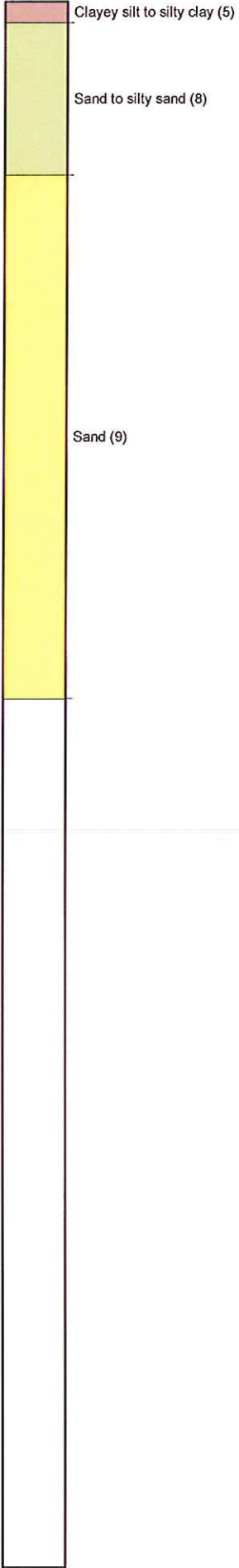


**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	532
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT532.c		

Classification by  
Robertson 1986

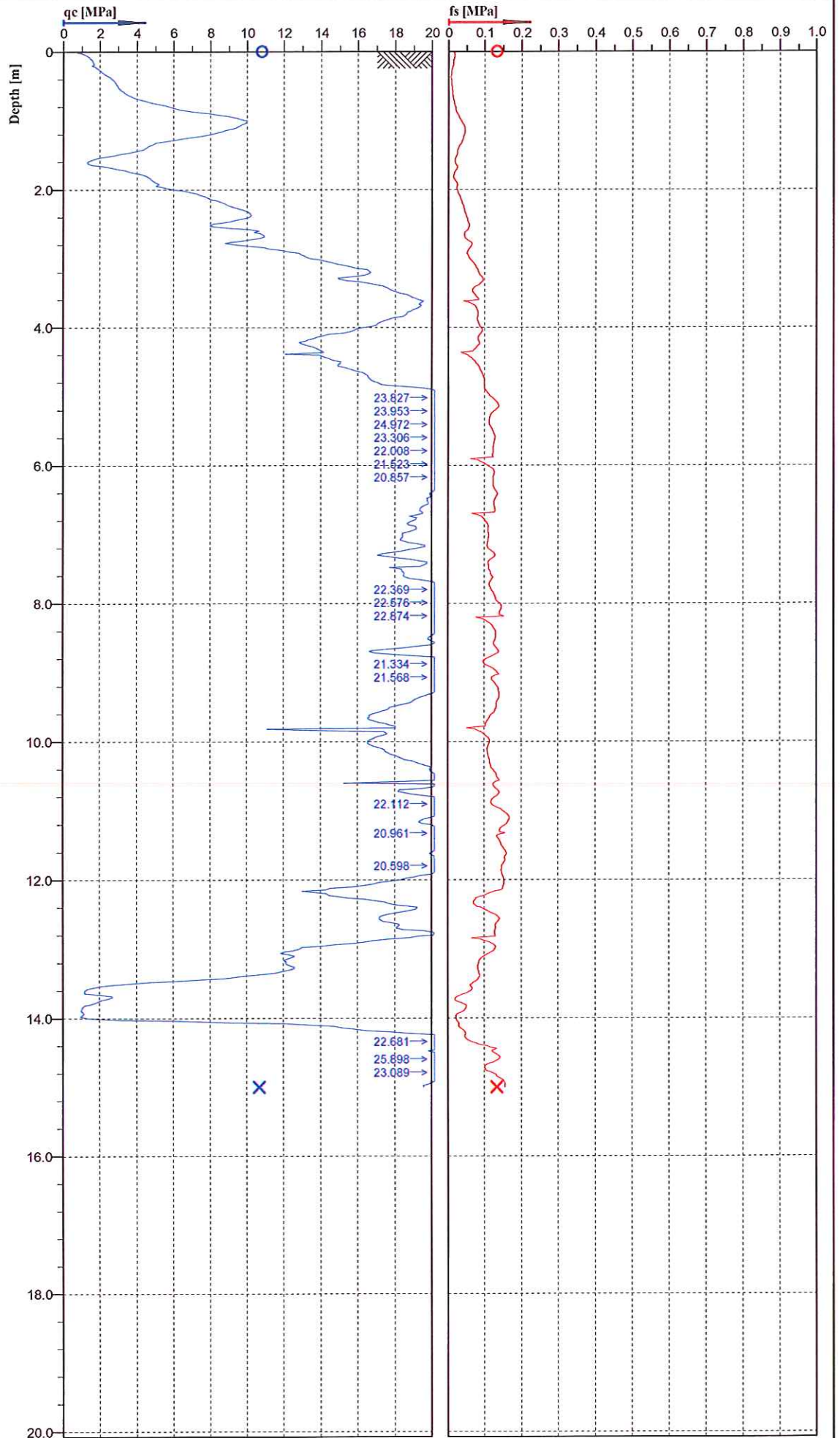
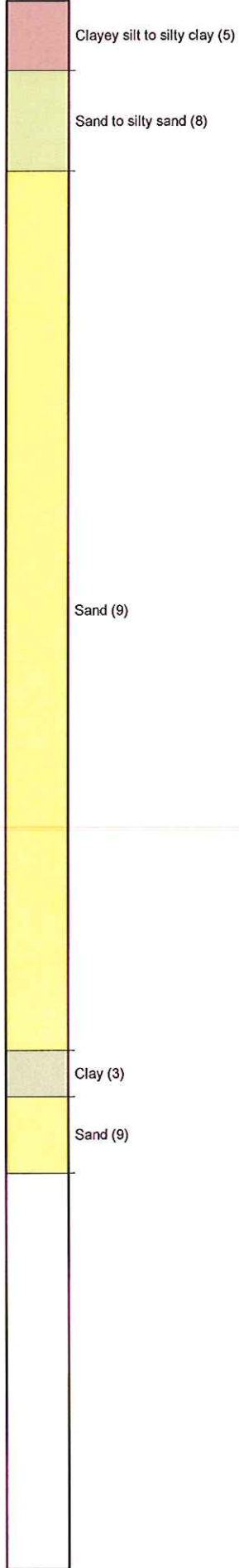


**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 532
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
File: PrestonsSubdivisionPhase1CPT532.c			

Classification by Robertson 1986



**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

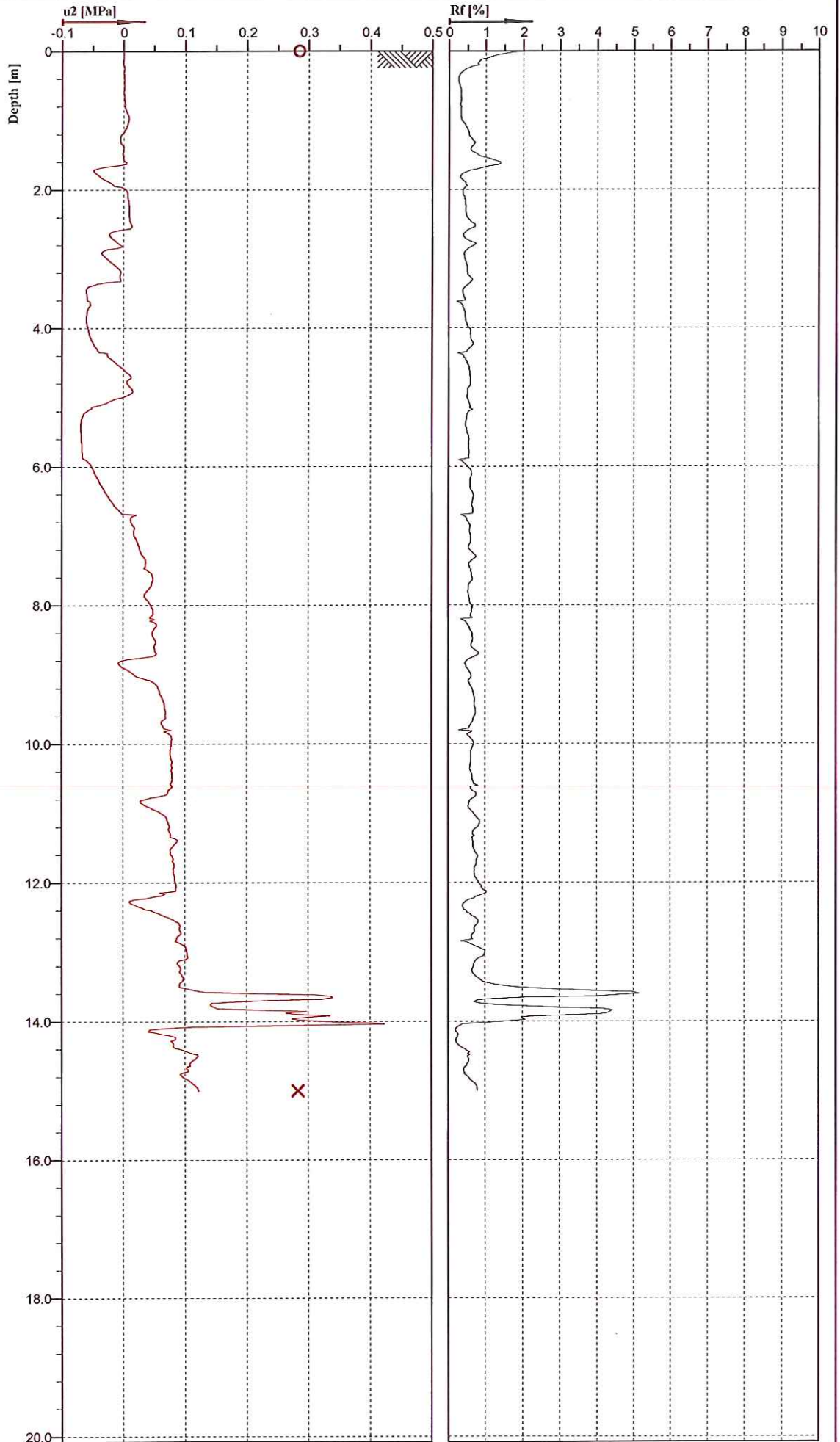
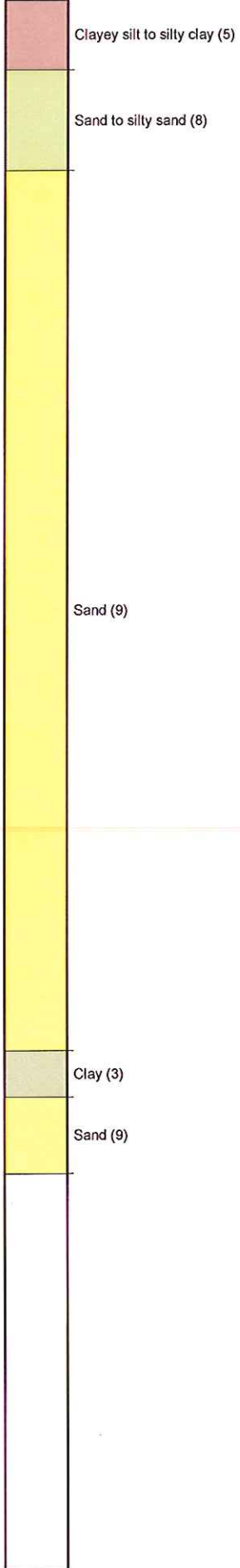
Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150



Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 533
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSubdivisionPhase1CPT533.c	



Classification by  
Robertson 1986



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

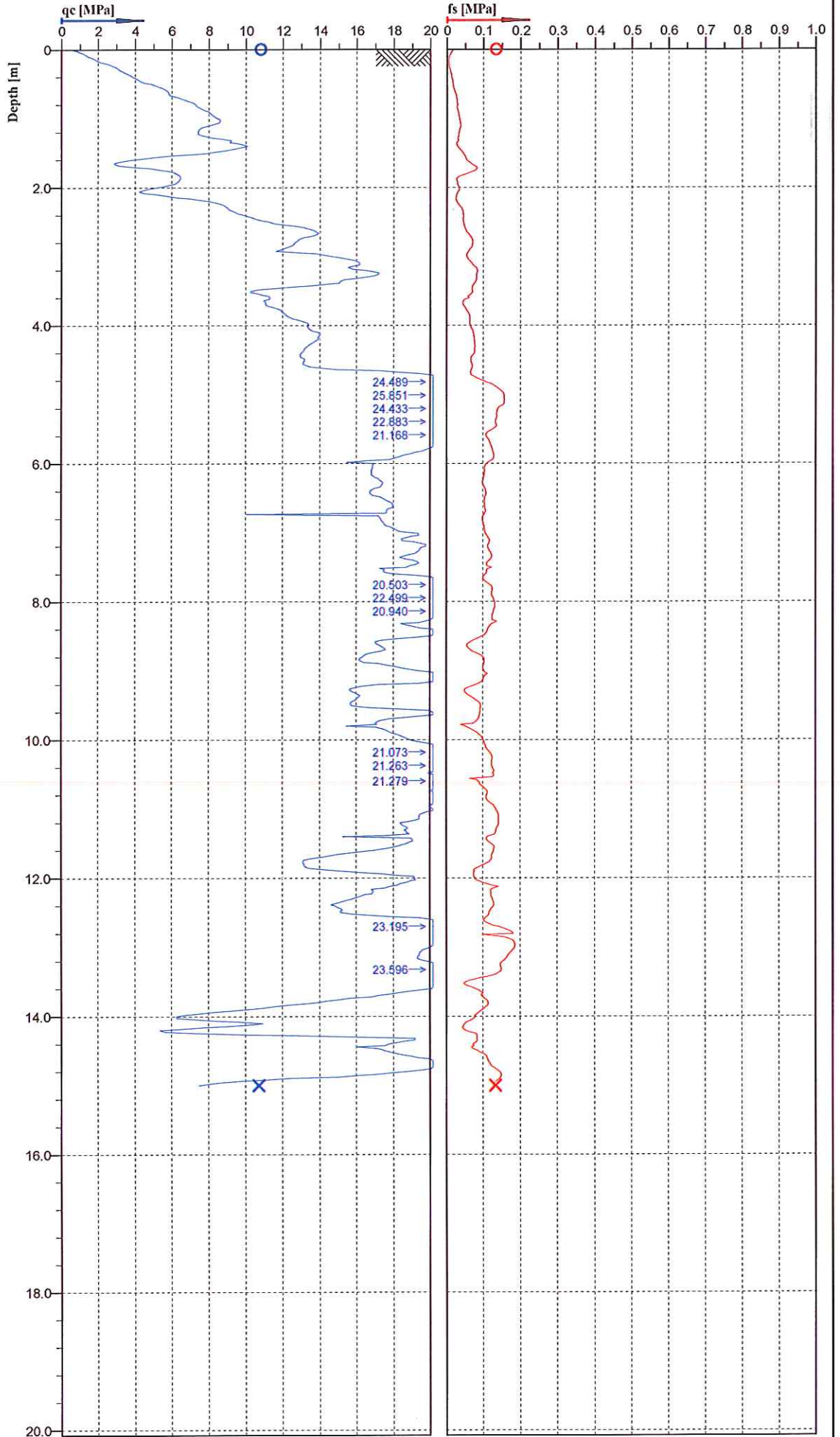
Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	533
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT533.c		

Classification by  
Robertson 1986

Clayey silt to silty clay (5)

Sand to silty sand (8)

Sand (9)



**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Steeve area [cm<sup>2</sup>]: 150

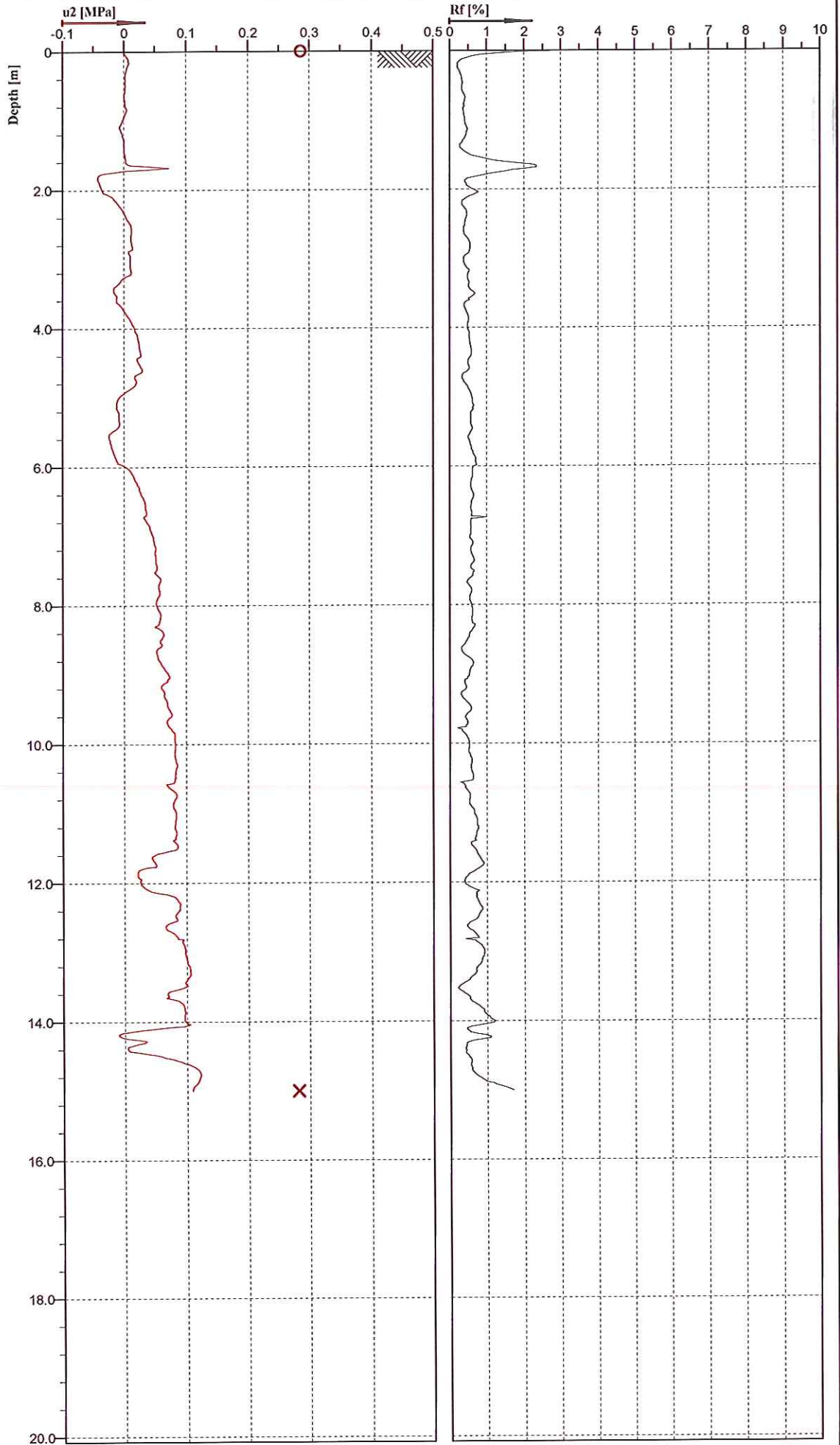
Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 534
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSubdivisionPhase1CPT534.c	

Classification by  
Robertson 1986

Clayey silt to silty clay (5)

Sand to silty sand (8)

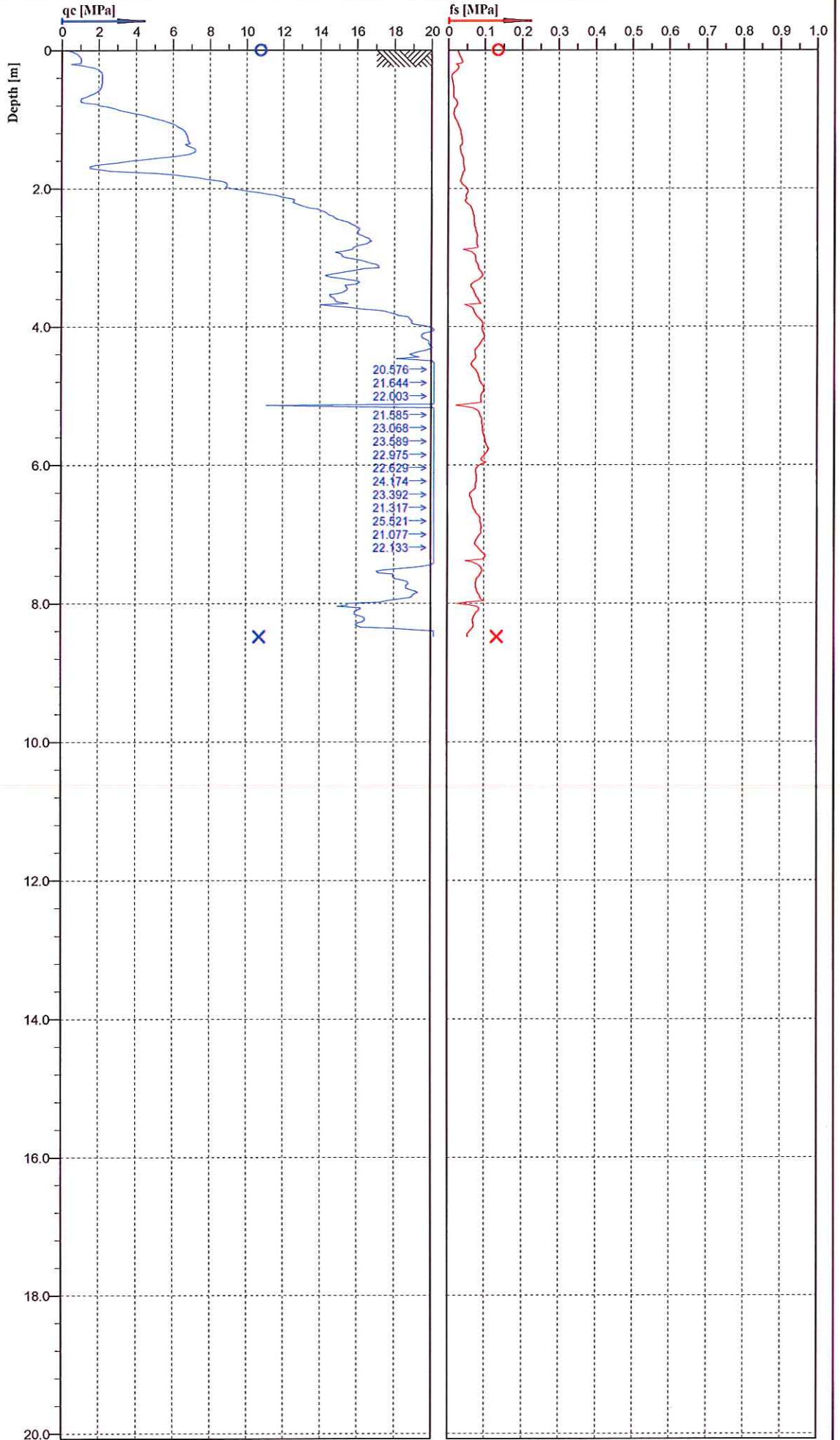
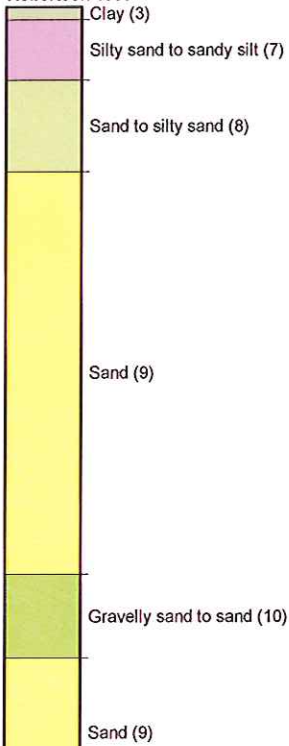
Sand (9)



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	534
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT534.c		

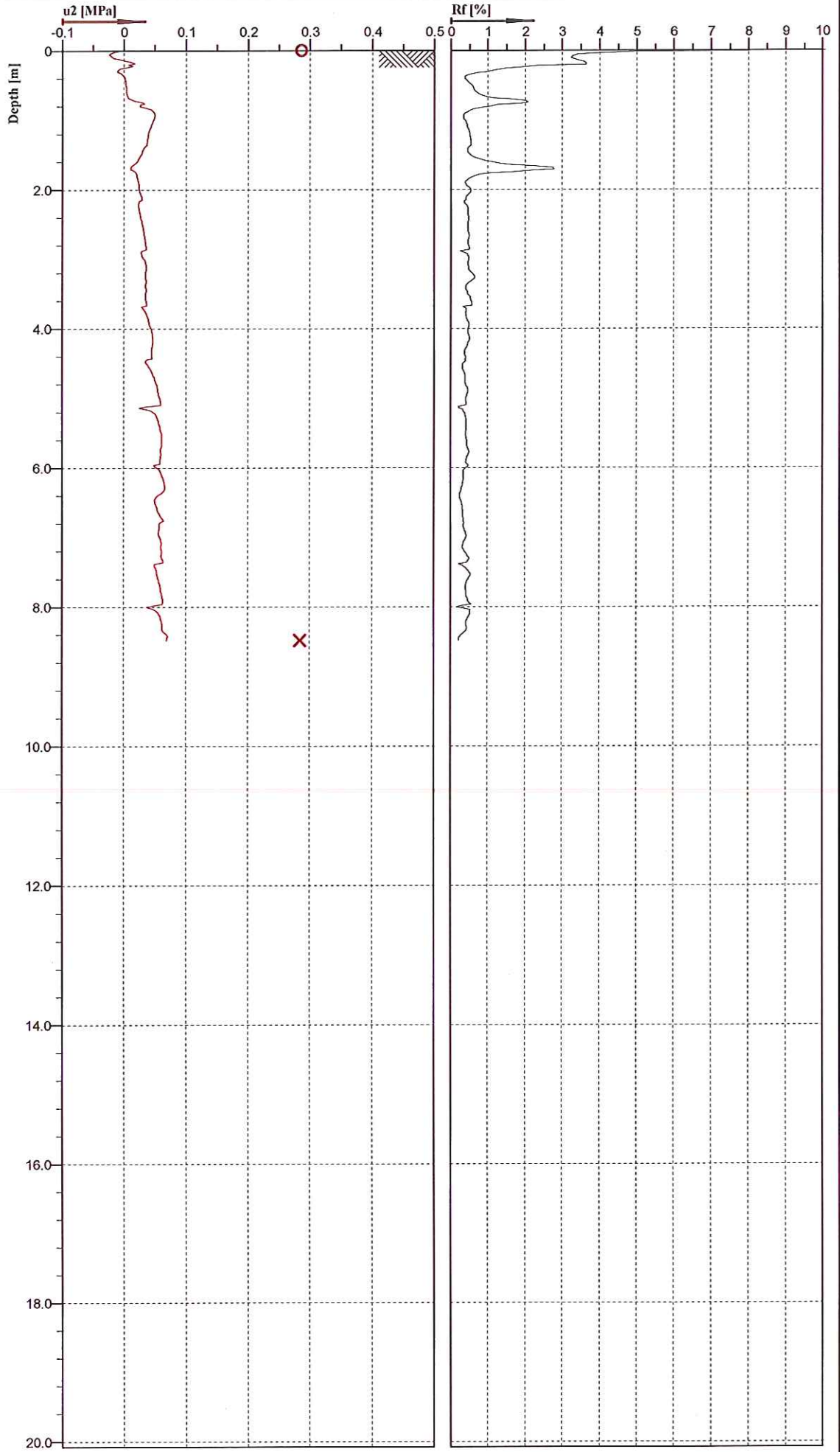
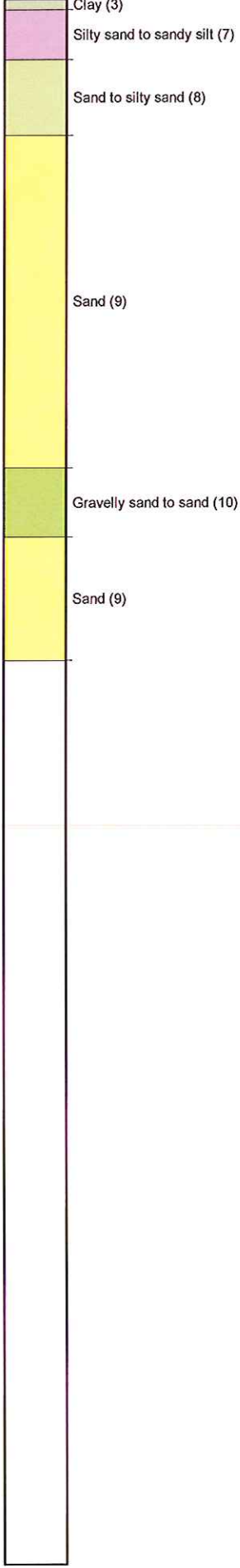
Classification by Robertson 1986



Cone No: 4494  
 Tip area [cm<sup>2</sup>]: 10  
 Sleeve area [cm<sup>2</sup>]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 540
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSubdivisionPhase1CPT540.c	

Classification by Robertson 1986



Cone No: 4494  
 Tip area [cm<sup>2</sup>]: 10  
 Sleeve area [cm<sup>2</sup>]: 150

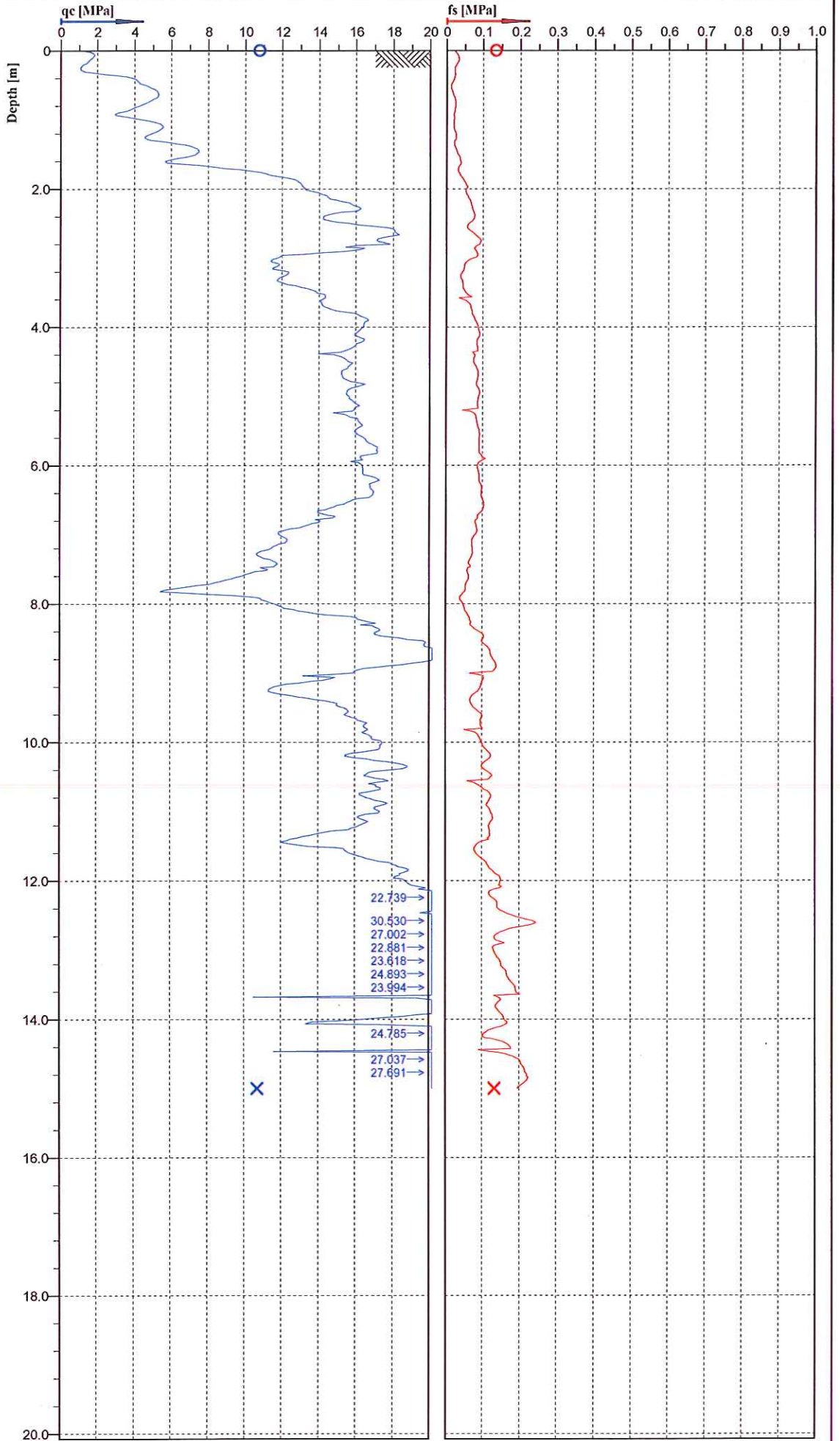
Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 540
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSubdivisionPhase1CPT540.c	

Classification by  
Robertson 1986

Sandy silt to clayey silt (6)

Sand to silty sand (8)

Sand (9)

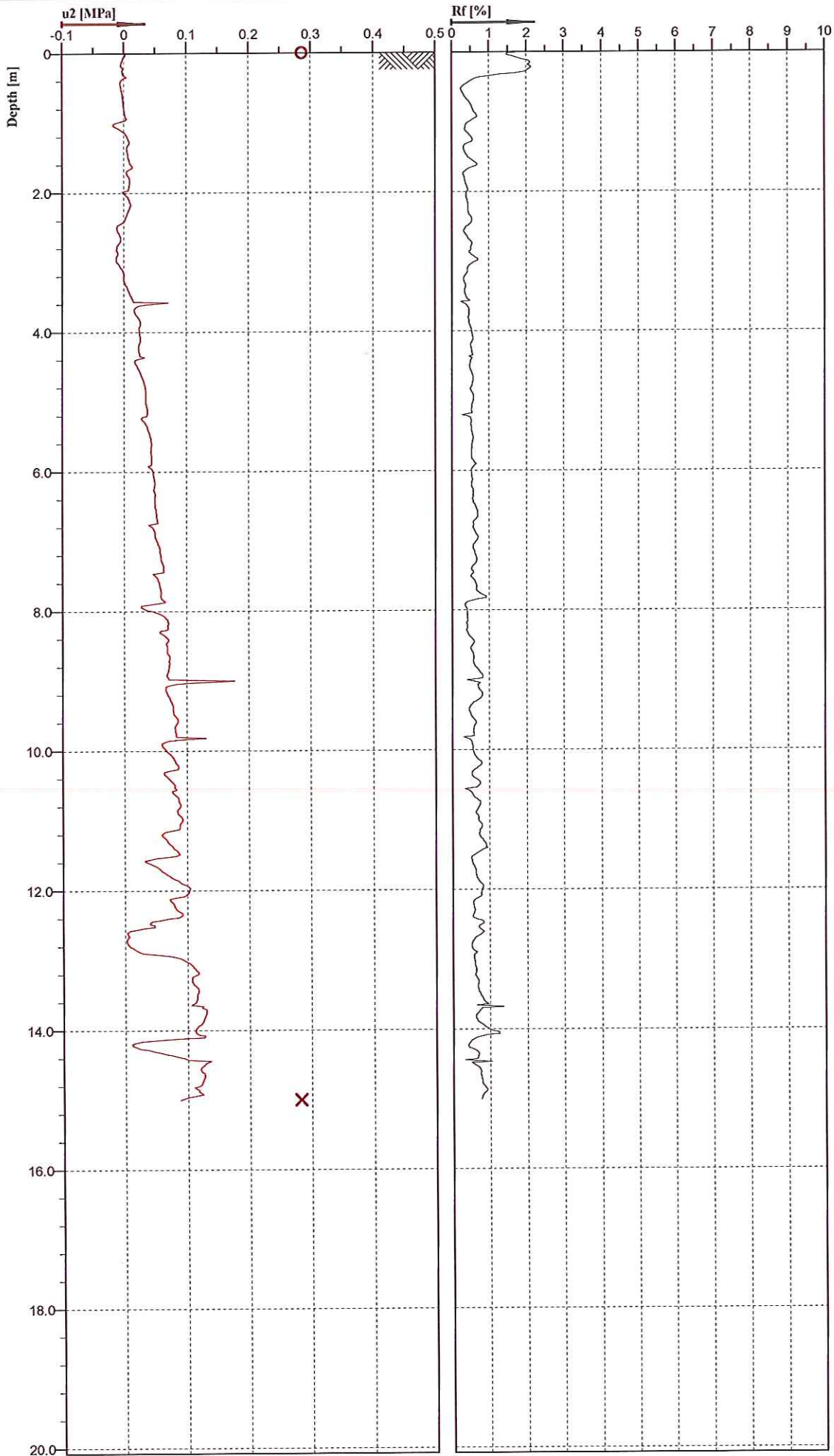
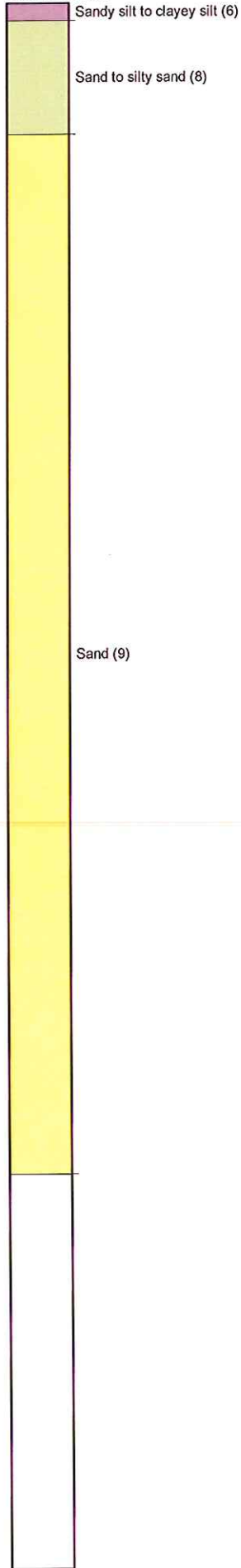


**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 508
Project ID:	Client: Aurecon	Date: 26/08/2013	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
File: PrestonsSubdivisionPhase1CPT508.c			

Classification by  
Robertson 1986



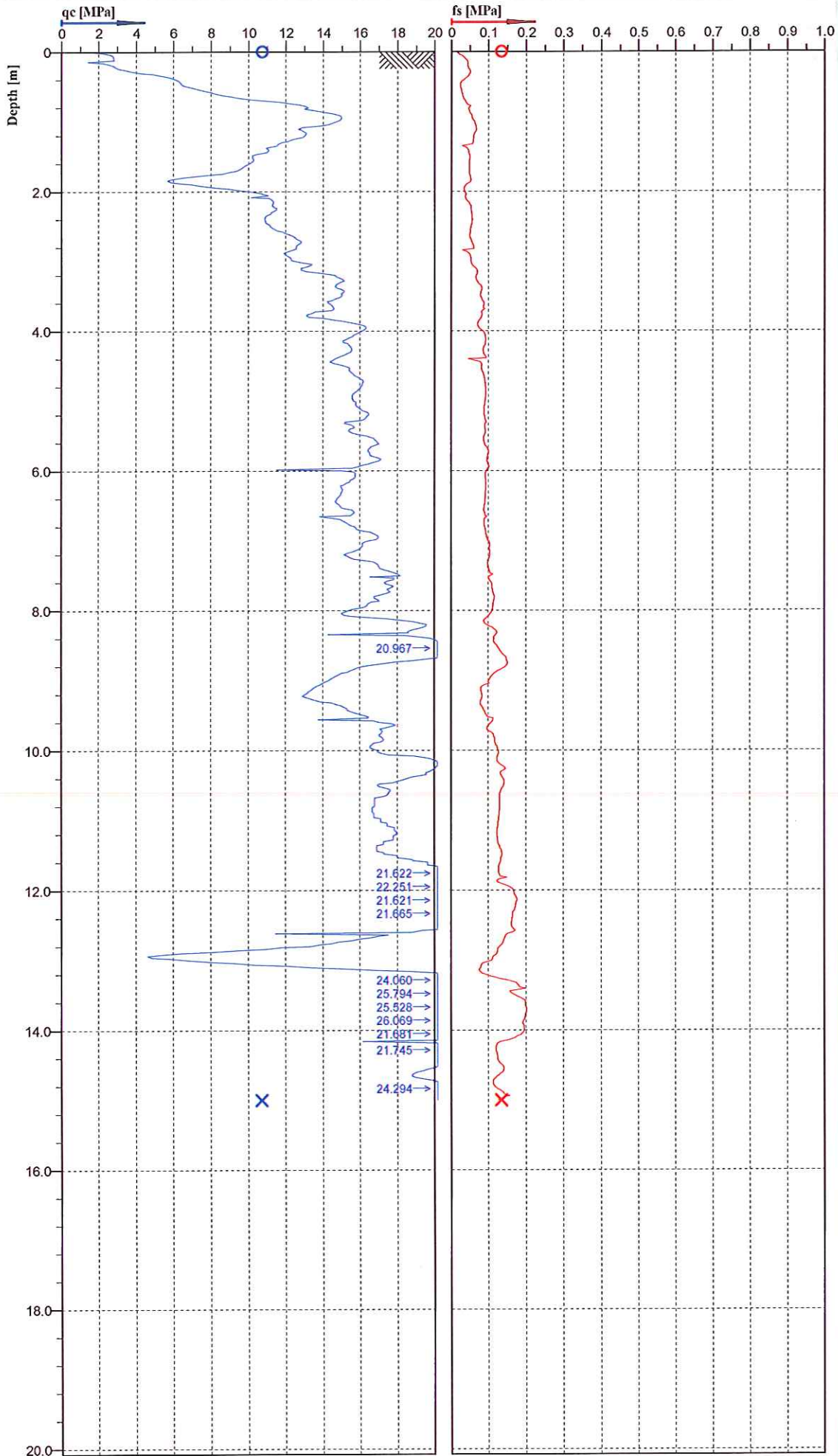
Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	508
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT508.c		

Classification by  
Robertson 1986

Silty sand to sandy silt (7)

Sand (9)



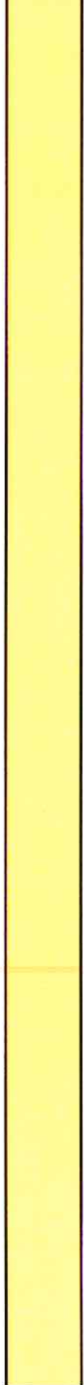
Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	509
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT509.c		

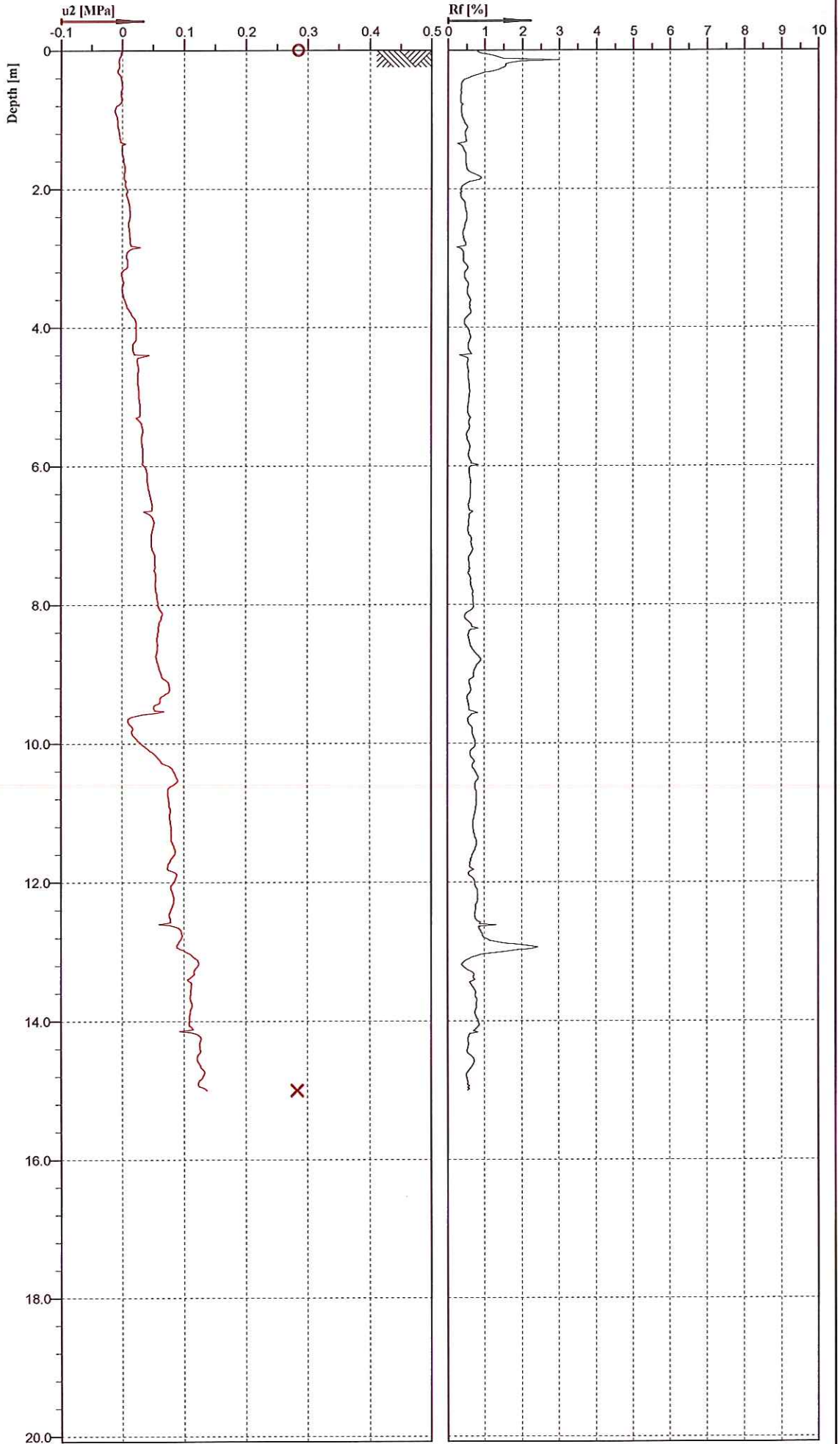


Classification by  
Robertson 1986

Silty sand to sandy silt (7)



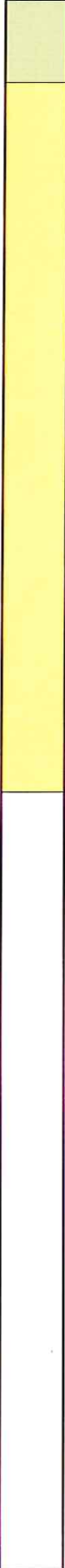
Sand (9)



Cone No: 4494  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

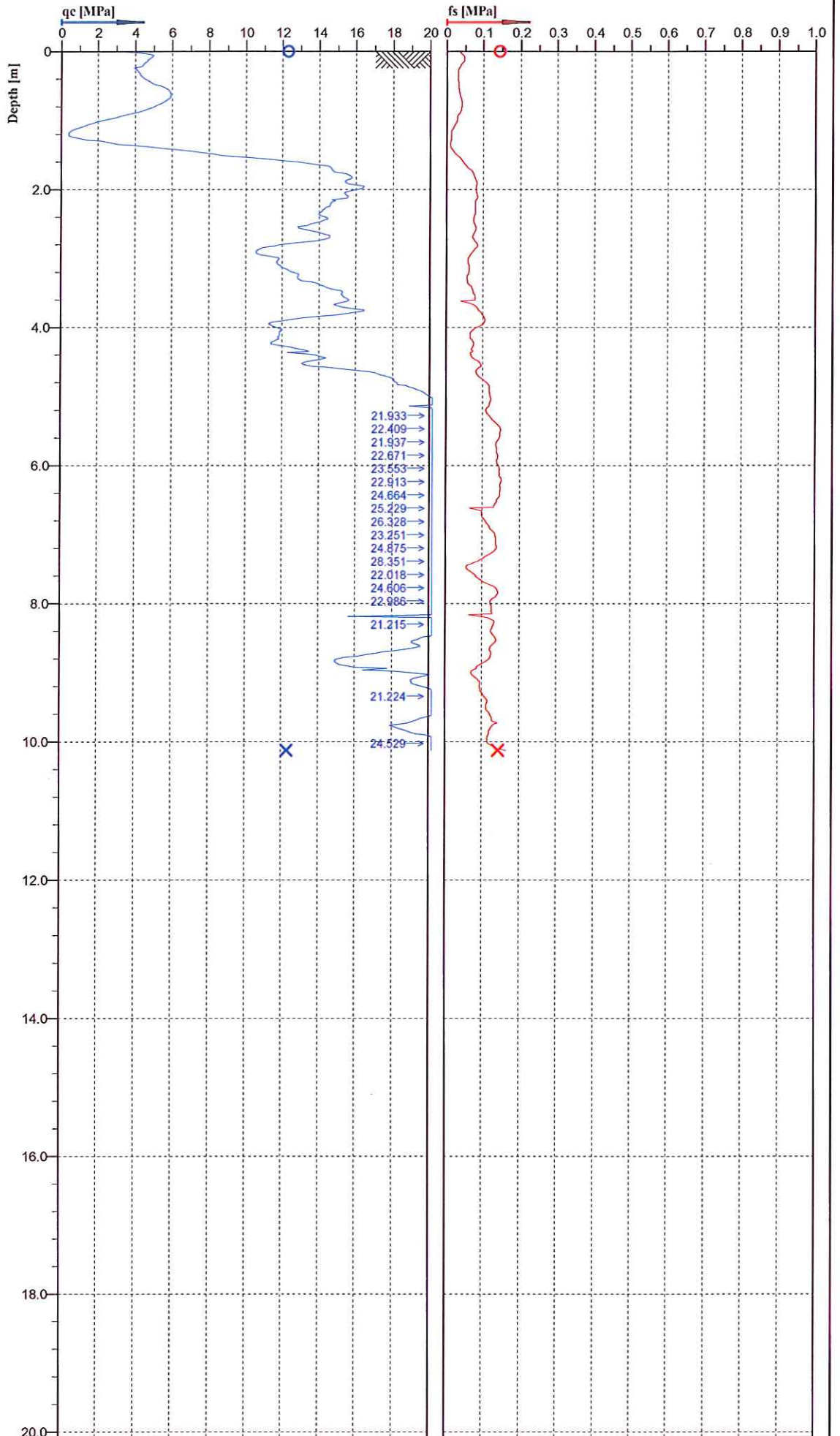
Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	509
Project ID:		Client:	Aurecon	Date:	26/08/2013	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSubdivisionPhase1CPT509.c		

Classification by  
Robertson 1986



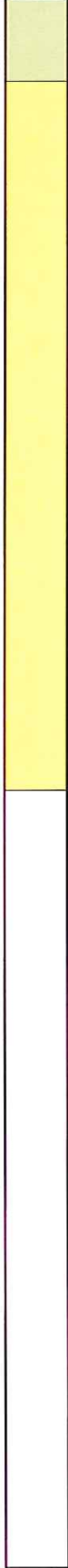
Sand to silty sand (8)

Sand (9)



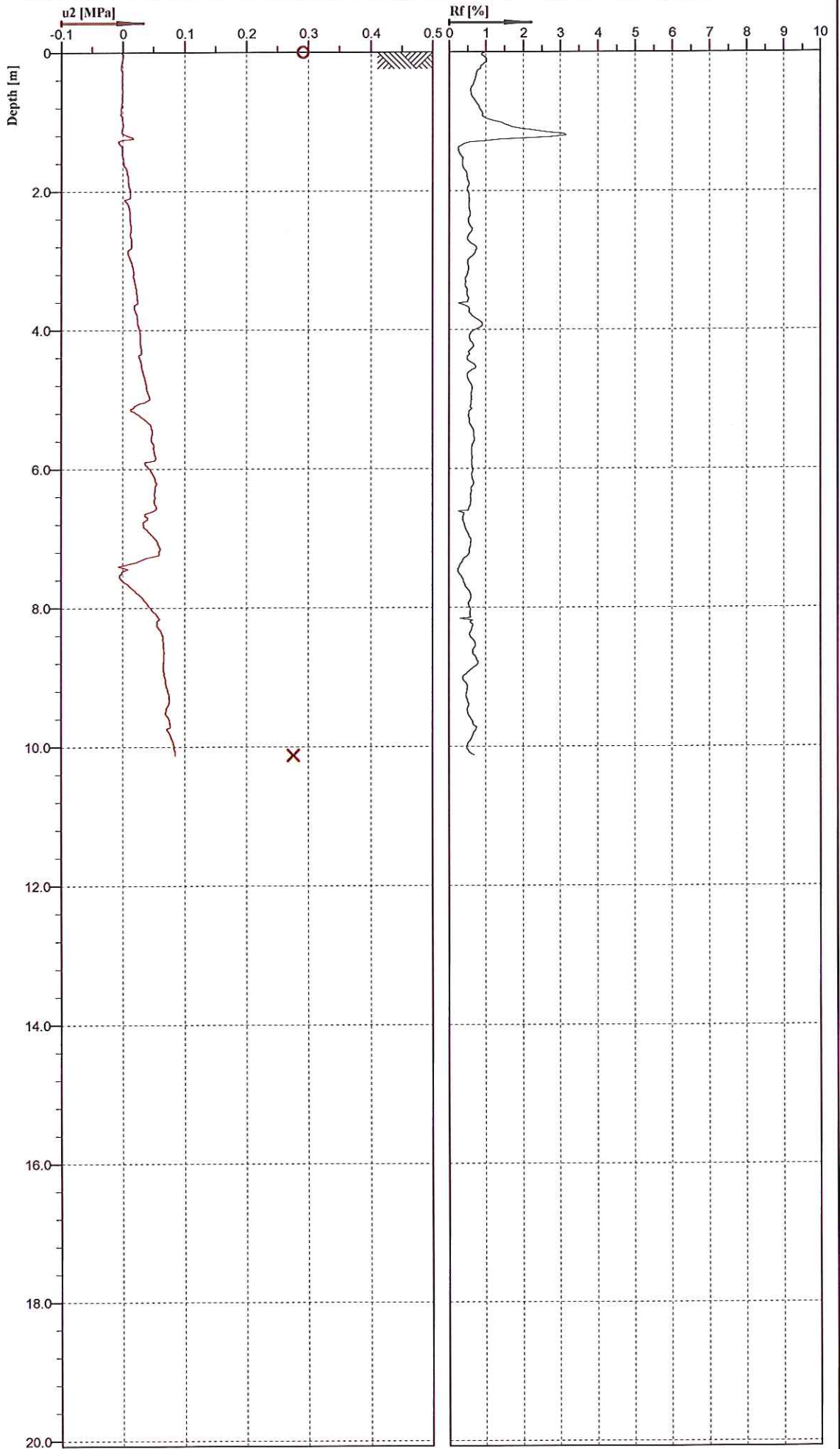
Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 601
Project ID:	Client: Aurecon	Date: 4/12/2013	Scale: 1 : 80
Project: PRESTONS STH PRE COMPACTION		Page: 1/1	Fig:
		File: PrestonsSouthCPT601.cpt	

Classification by  
Robertson 1986



Sand to silty sand (8)

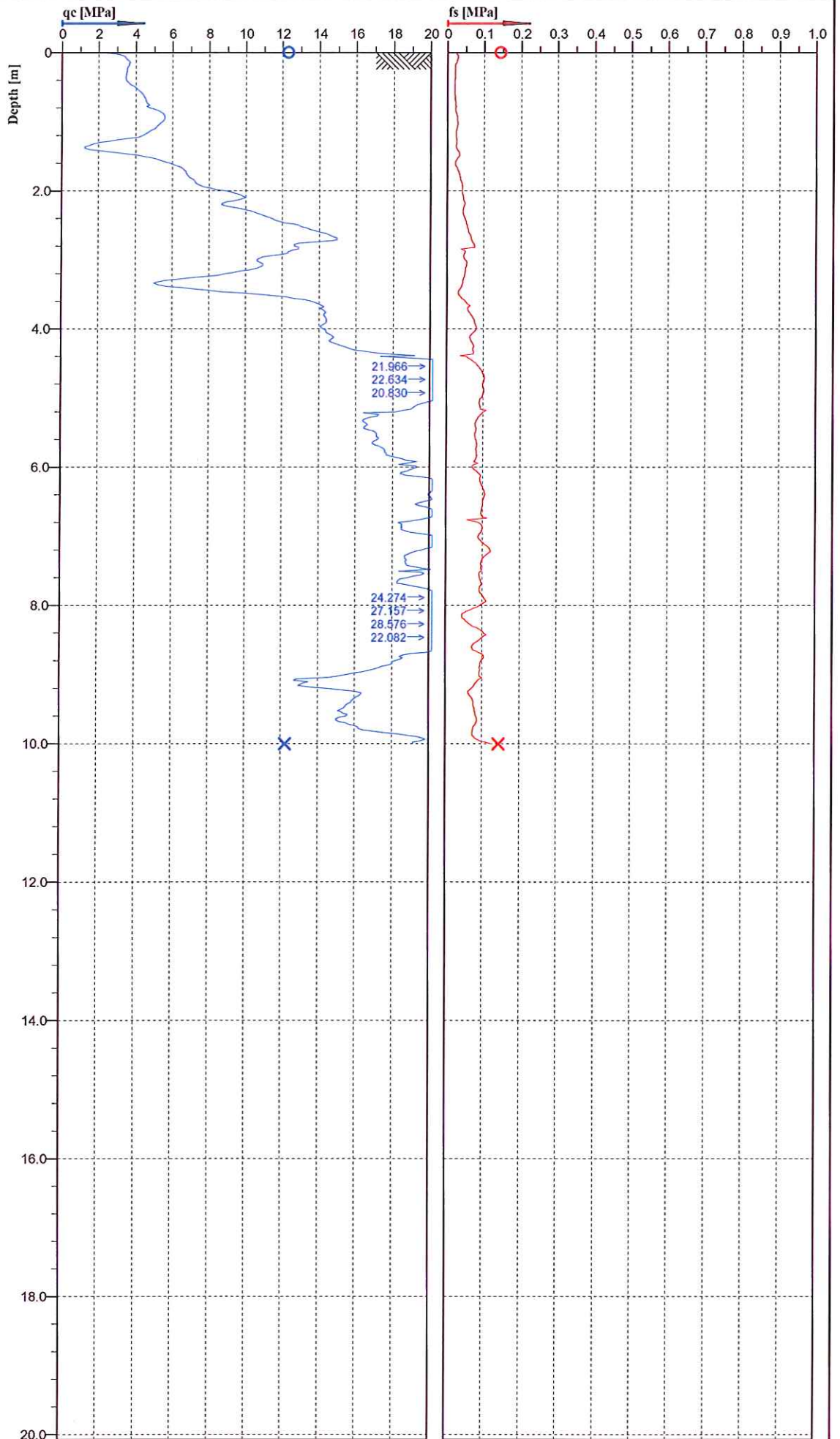
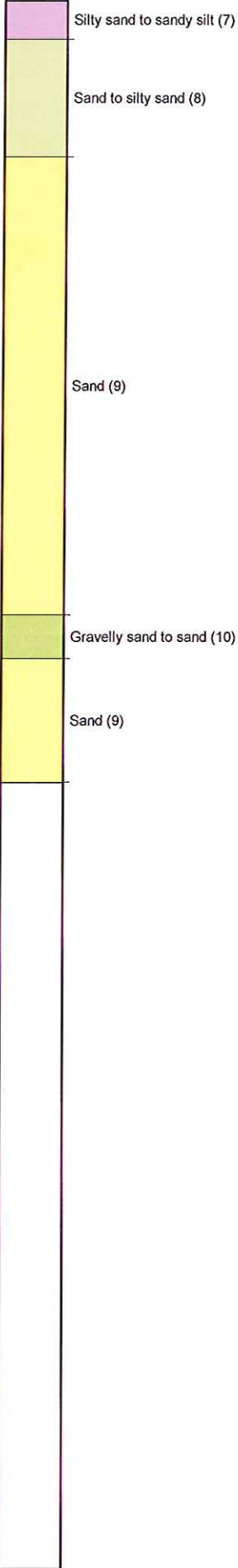
Sand (9)



Cone No: 4473  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	601
Project ID:		Client:	Aurecon	Date:	4/12/2013	Scale:	1 : 80
Project:	PRESTONS STH PRE COMPACTION			Page:	1/1	Fig:	
				File:	PrestonsSouthCPT601.cpt		

Classification by Robertson 1986

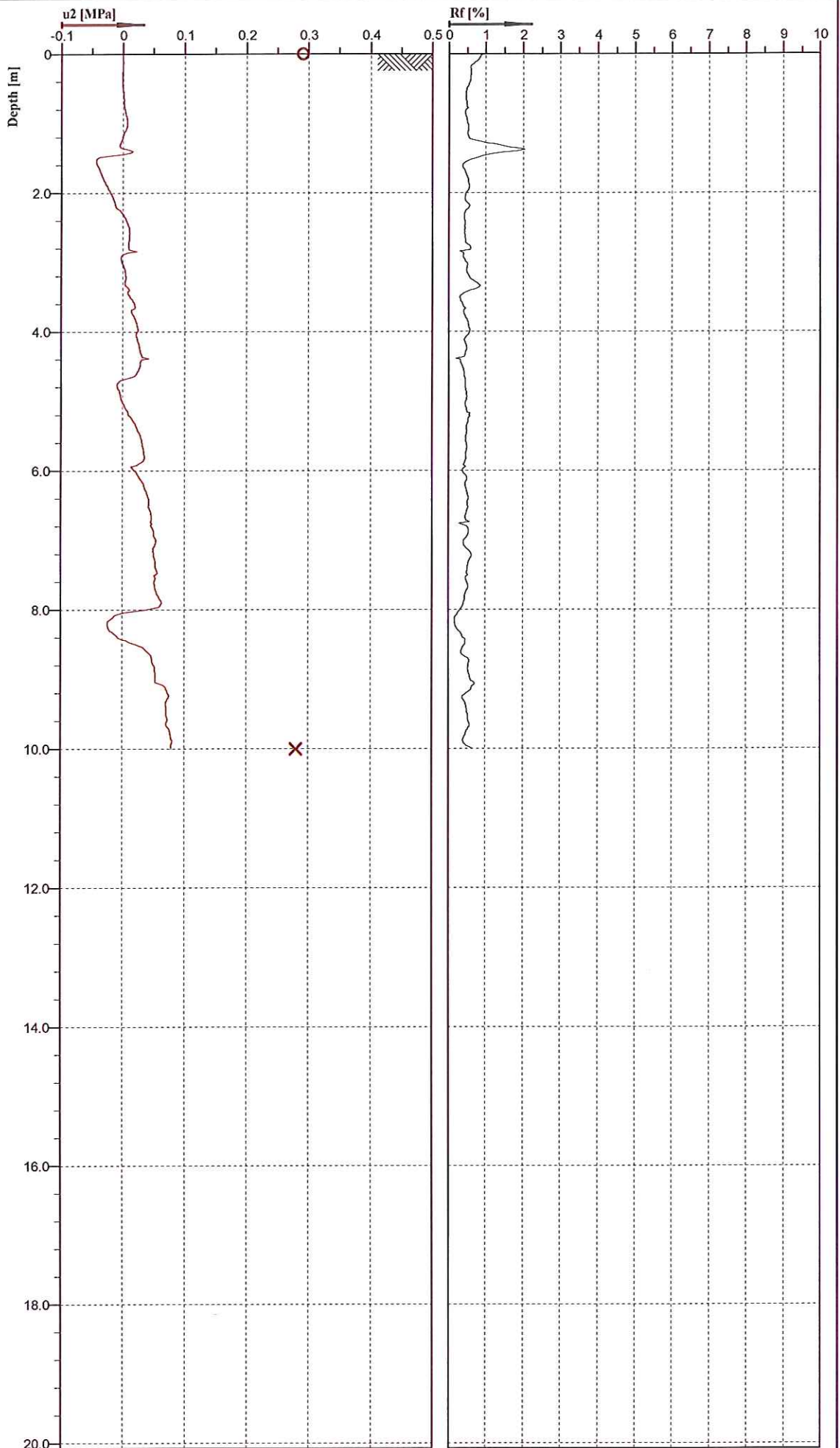
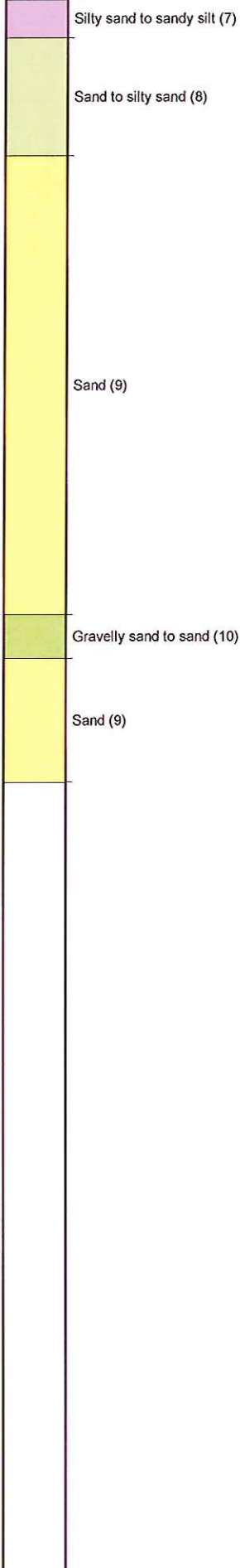


Cone No: 4473  
 Tip area [cm<sup>2</sup>]: 10  
 Sleeve area [cm<sup>2</sup>]: 150

**PRO-DRILL**  
 SPECIALIST DRILLING ENGINEERS

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 602
Project ID:	Client: Aurecon	Date: 4/12/2013	Scale: 1 : 80
Project: PRESTONS STH PRE COMPACTION		Page: 1/1	Fig:
		File: PrestonsSouthCPT602.cpt	

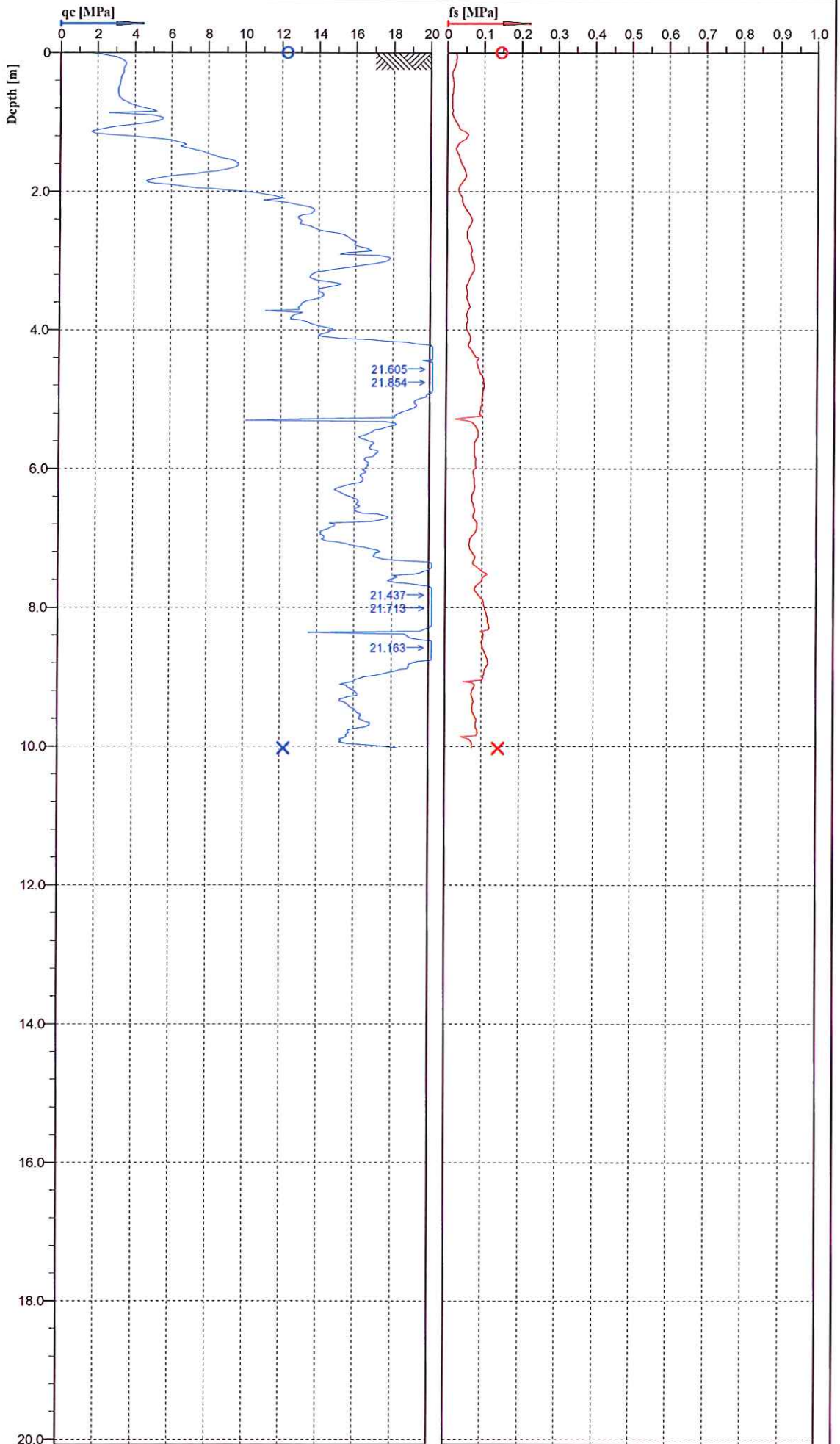
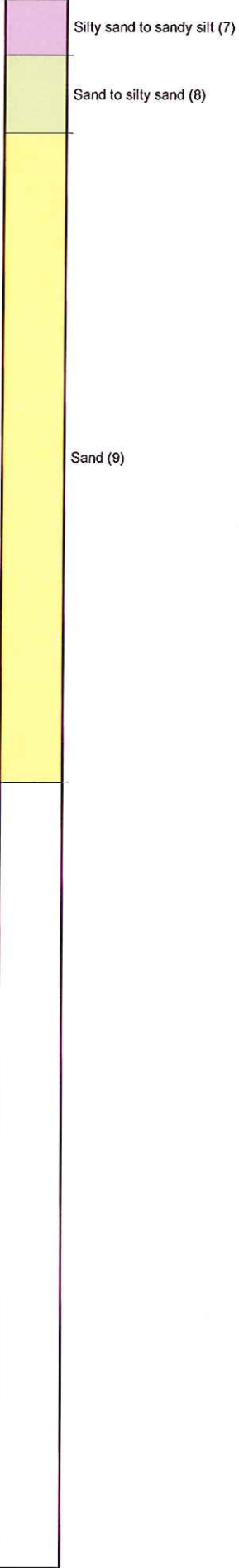
Classification by  
Robertson 1986



Cone No: 4473  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 602
Project ID:	Client: Aurecon	Date: 4/12/2013	Scale: 1 : 80
Project: PRESTONS STH PRE COMPACTION		Page: 1/1	Fig:
		File: PrestonsSouthCPT602.cpt	

Classification by  
Robertson 1986



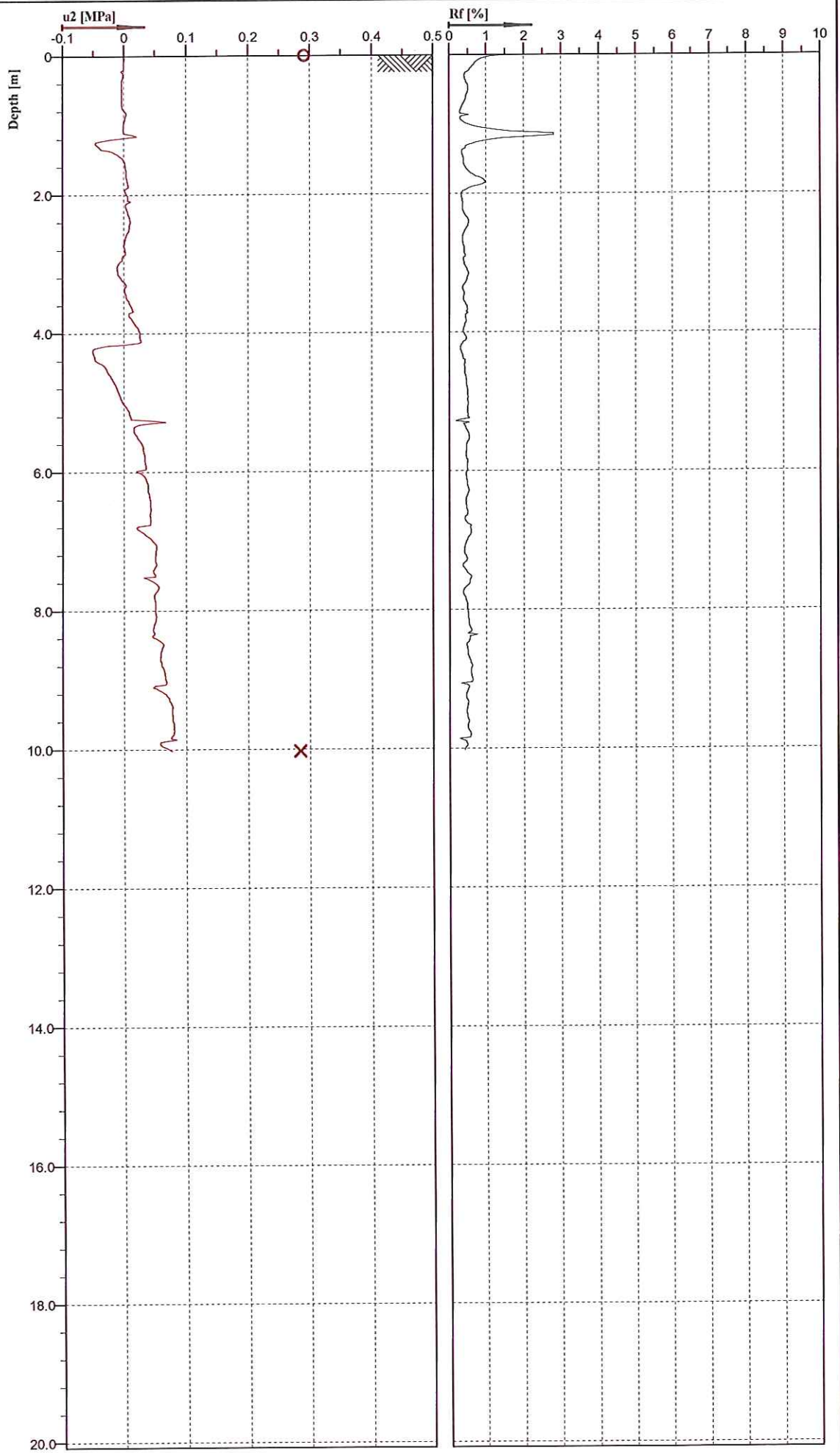
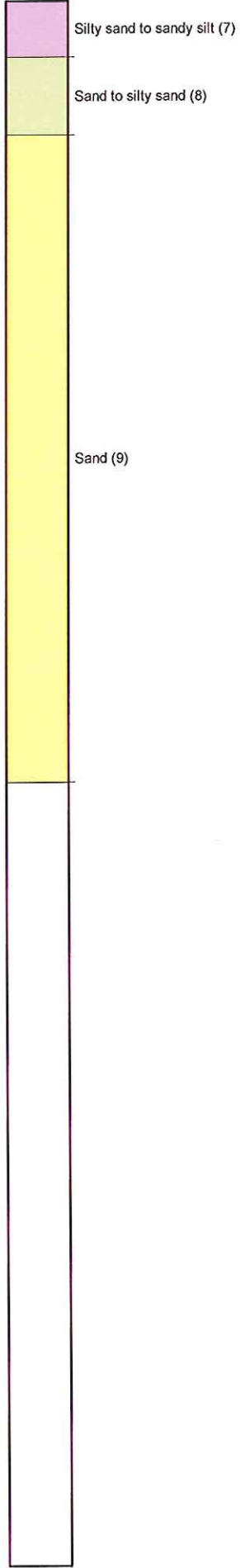
**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4473  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150



Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: 603
Project ID:	Client: Aurecon	Date: 4/12/2013	Scale: 1 : 80
Project: PRESTONS STH PRE COMPACTION		Page: 1/1	Fig:
		File: PrestonsSouthCPT603.cpt	

Classification by  
Robertson 1986



**PRO-DRILL**  
SPECIALIST DRILLING ENGINEERS

Cone No: 4473  
Tip area [cm<sup>2</sup>]: 10  
Sleeve area [cm<sup>2</sup>]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	603
Project ID:		Client:	Aurecon	Date:	4/12/2013	Scale:	1 : 80
Project:	PRESTONS STH PRE COMPACTION			Page:	1/1	Fig:	
				File:	PrestonsSouthCPT603.cpt		