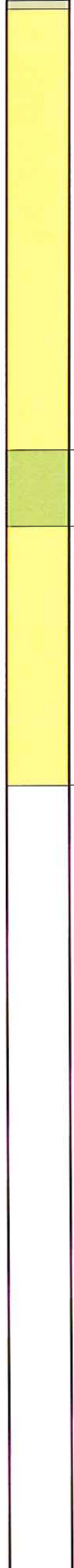


Appendix I

Post Earthfill CPT Logs

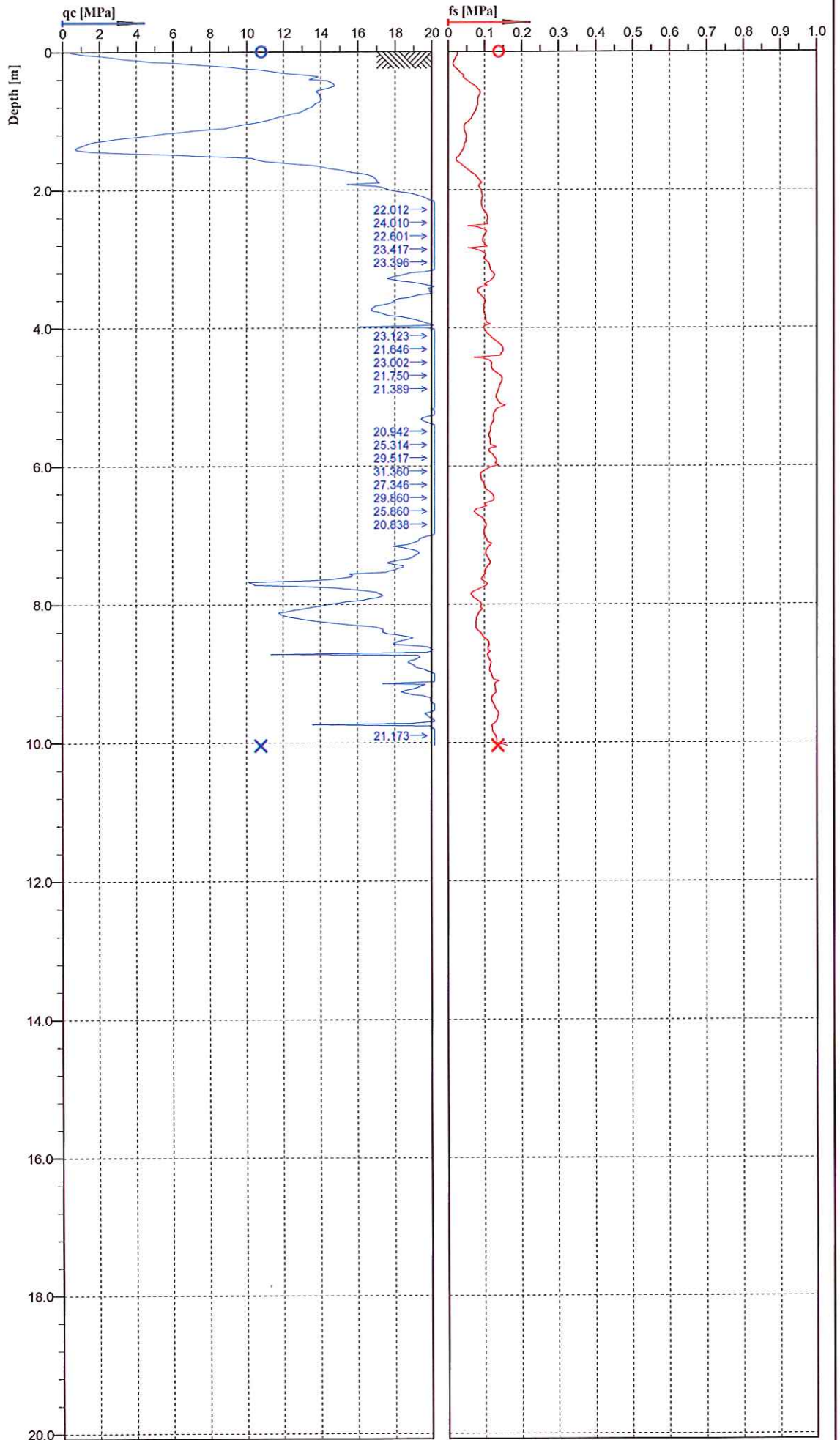
Classification by
Robertson 1986



Sand (9)

Gravelly sand to sand (10)

Sand (9)

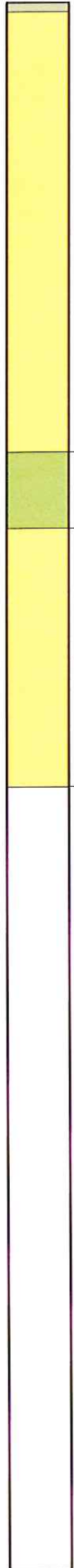


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF1
Project ID:		Client:	Aurecon	Date:	29/08/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF1.cpt		

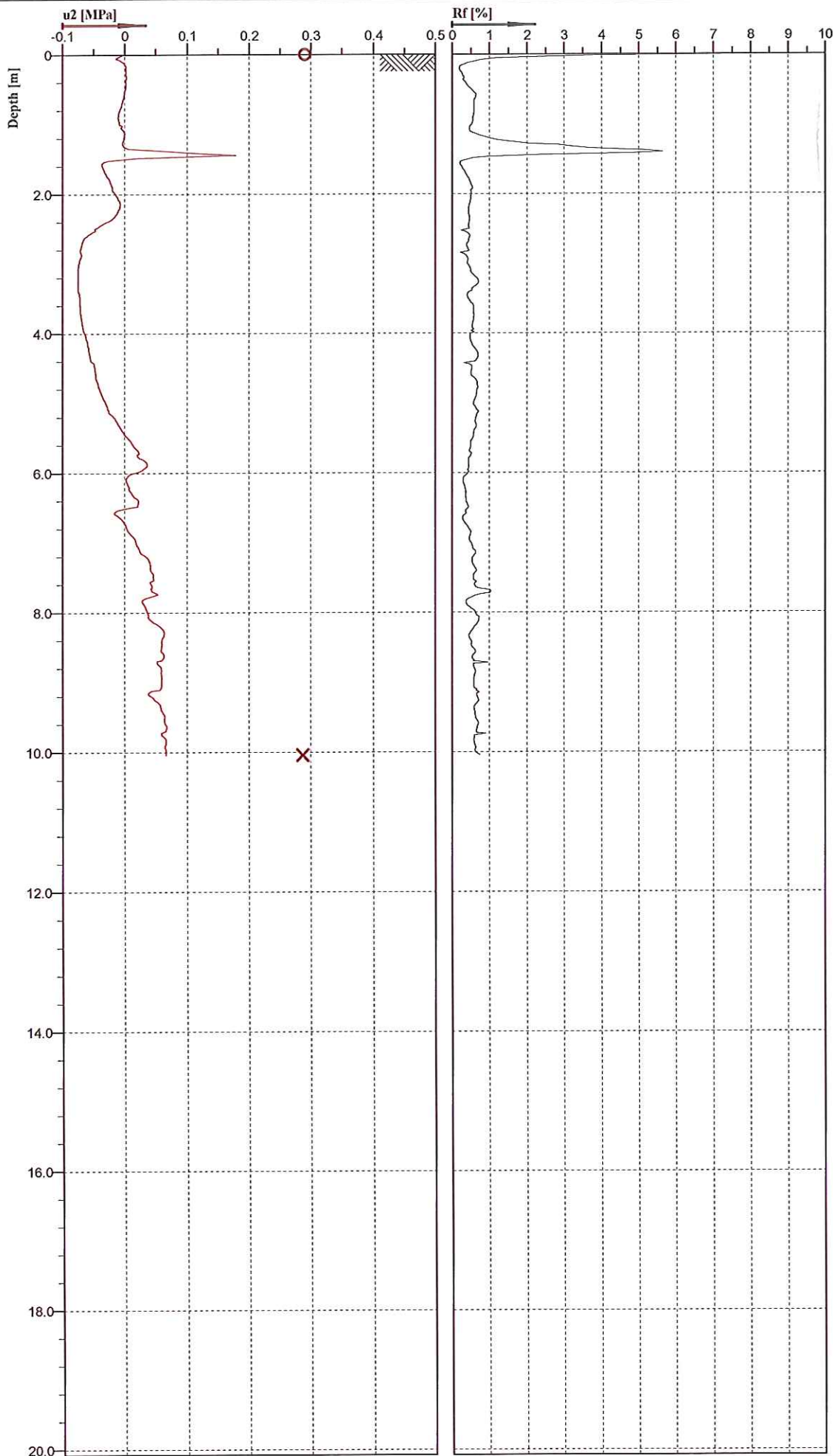
Classification by
Robertson 1986



Sand (9)

Gravelly sand to sand (10)

Sand (9)

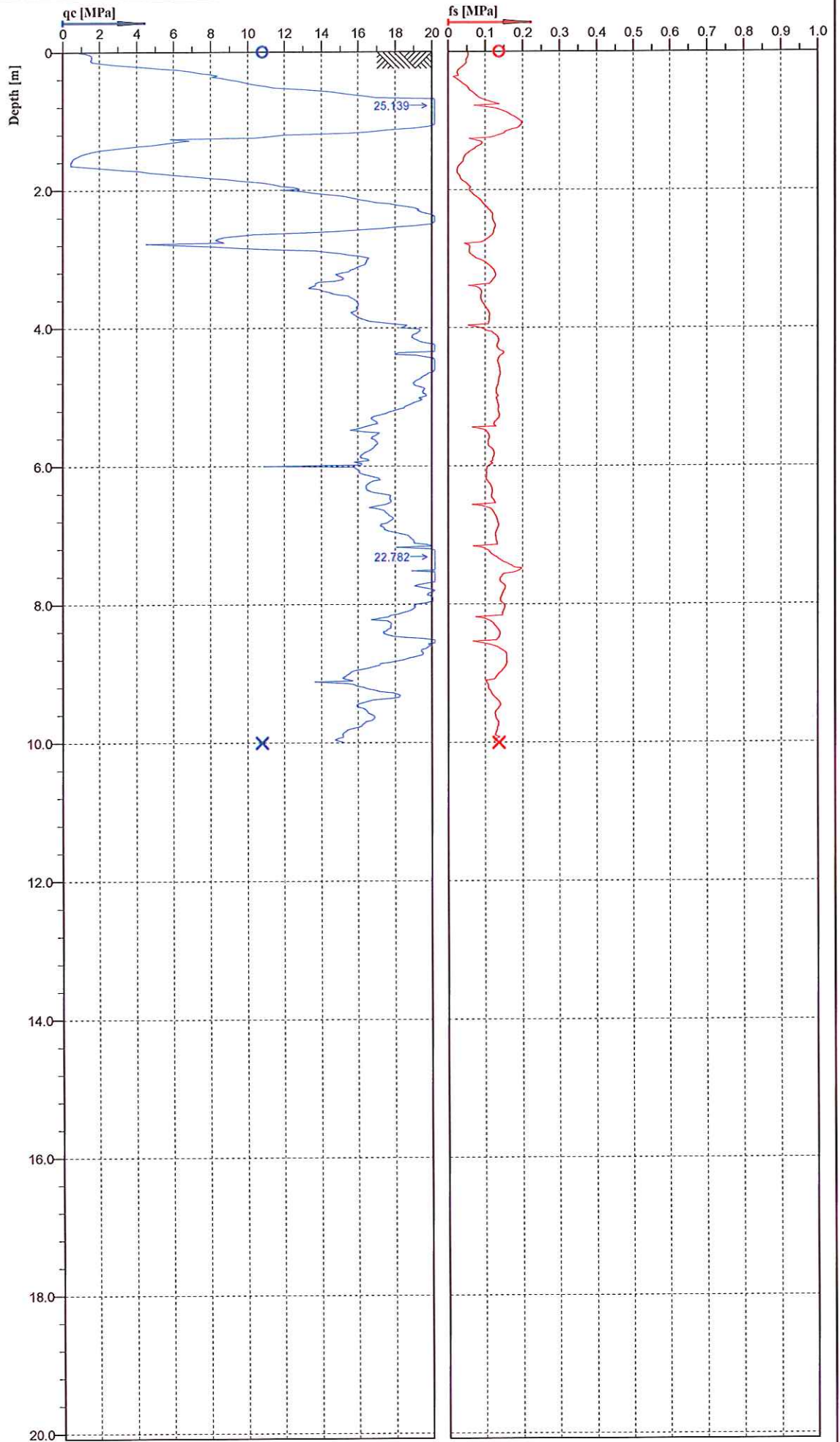
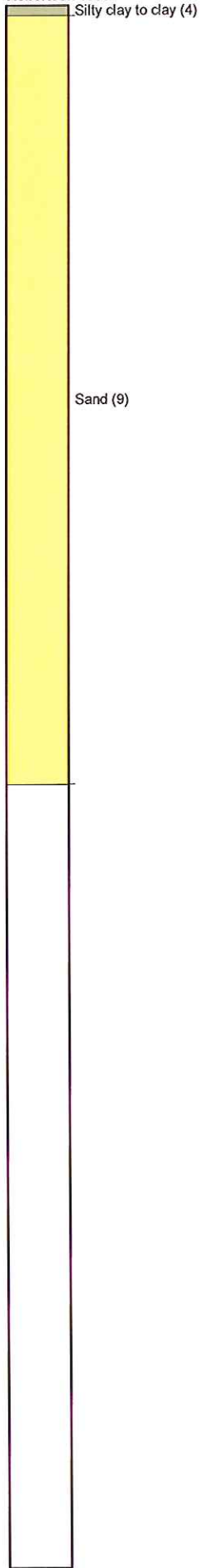


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF1
Project ID:		Client:	Aurecon	Date:	29/08/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF1.cpt		

Classification by
Robertson 1986

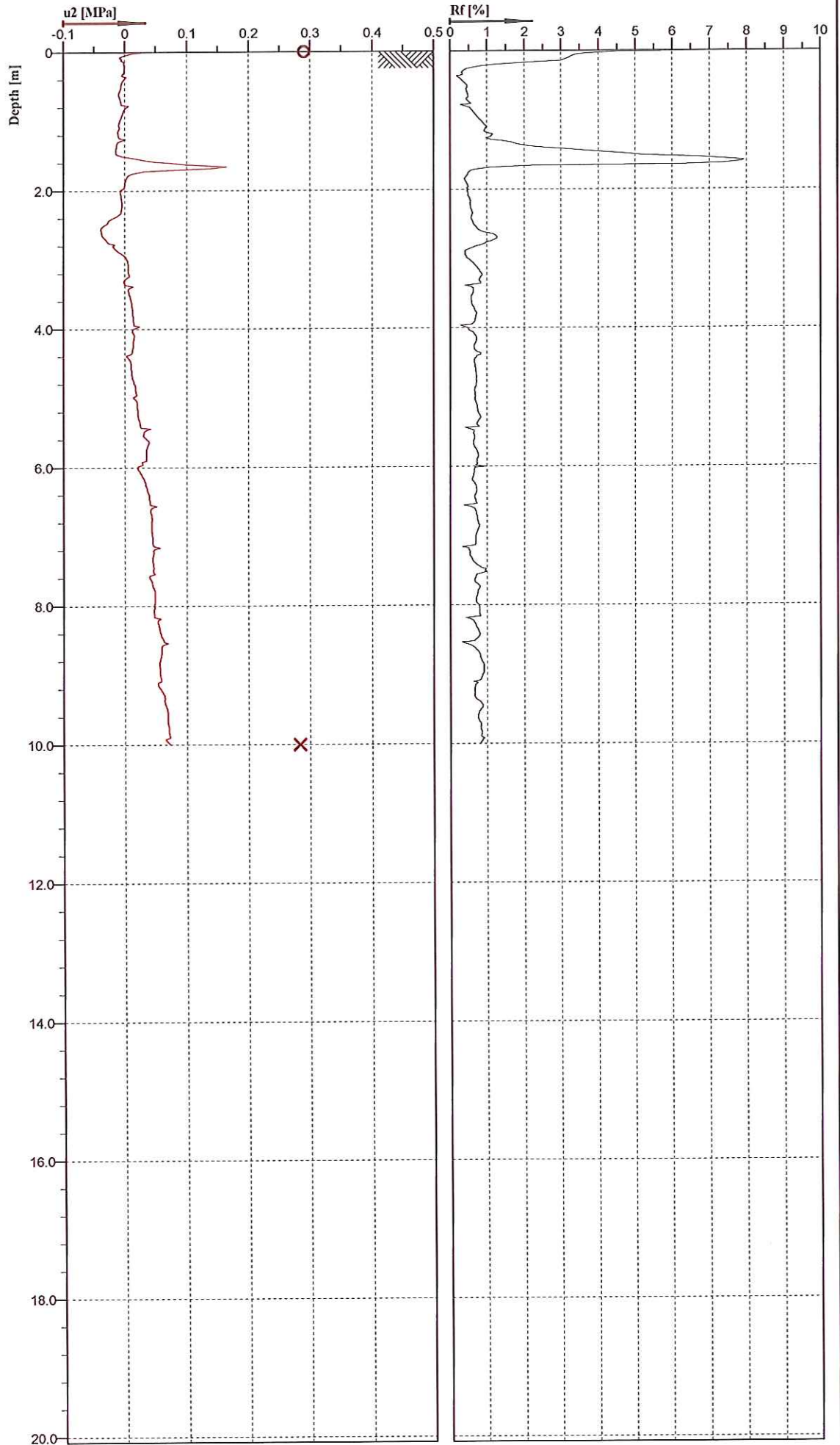
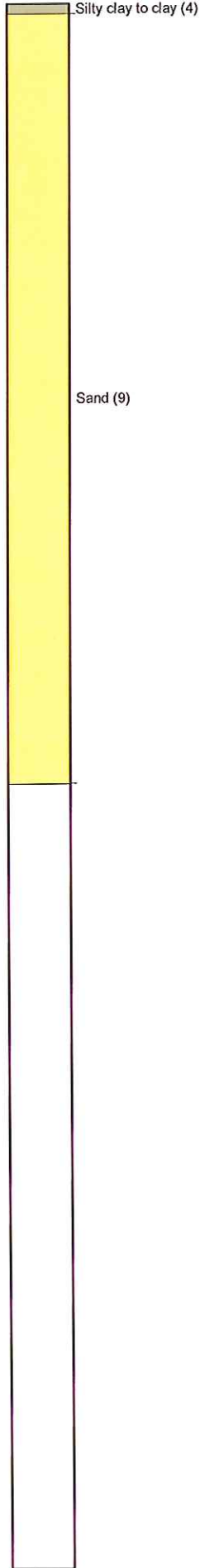


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF3
Project ID:		Client:	Aurecon	Date:	29/08/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF3.cpt		

Classification by
Robertson 1986



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF3
Project ID:		Client:	Aurecon	Date:	29/08/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF3.cpt		

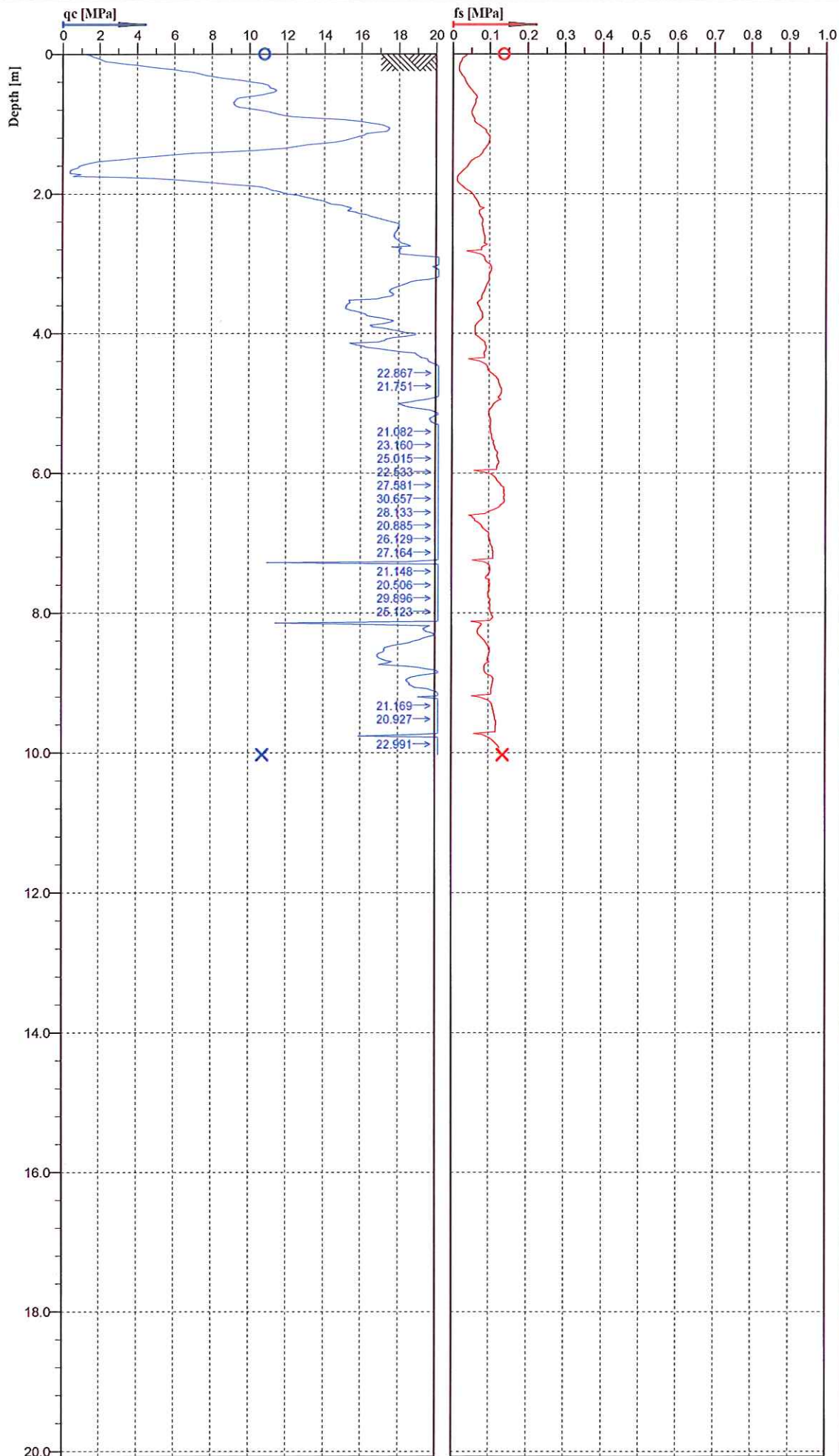
Classification by
Robertson 1986

Sandy silt to clayey silt (6)

Sand (9)

Gravelly sand to sand (10)

Sand (9)



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF13
Project ID:		Client:	Aurecon	Date:	10/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonSouthCPTPF13.cpt		

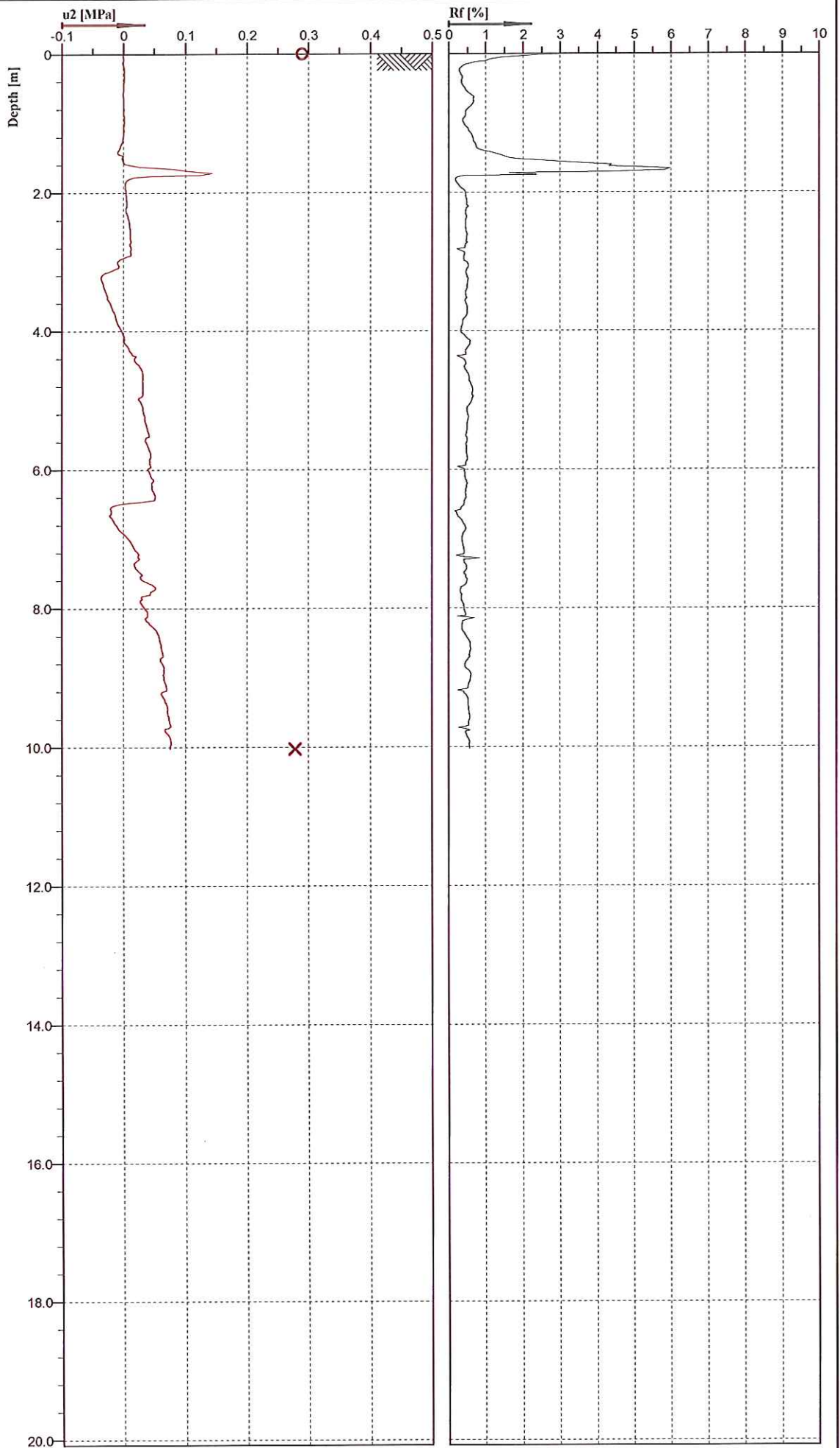
Classification by
Robertson 1986

Sandy silt to clayey silt (6)

Sand (9)

Gravelly sand to sand (10)

Sand (9)



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

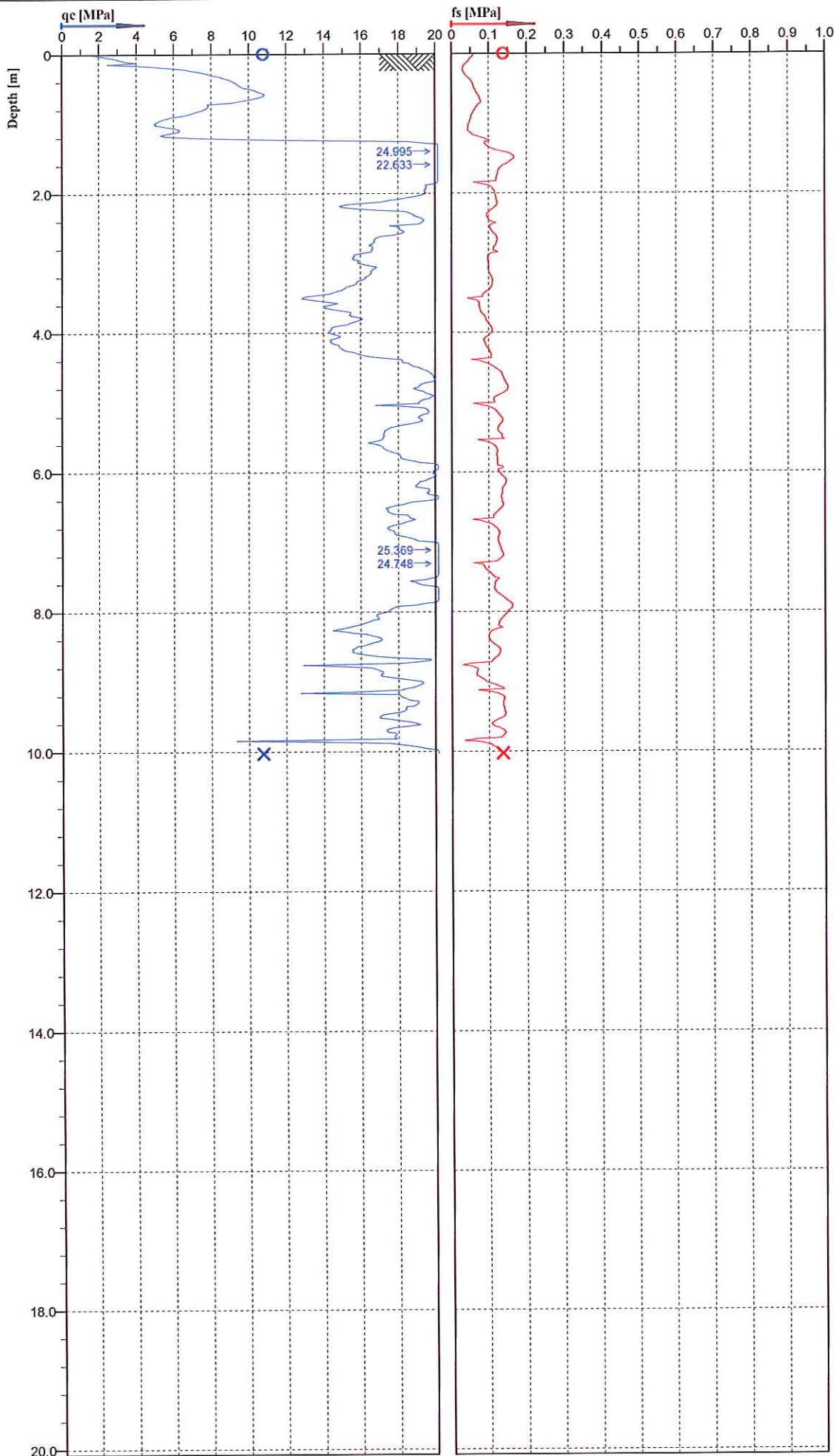
Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF13
Project ID:		Client:	Aurecon	Date:	10/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonSouthCPTPF13.cpt		

Classification by
Robertson 1986

Sand to silty sand (8)

Sand (9)

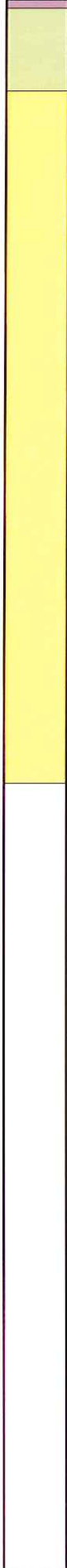


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

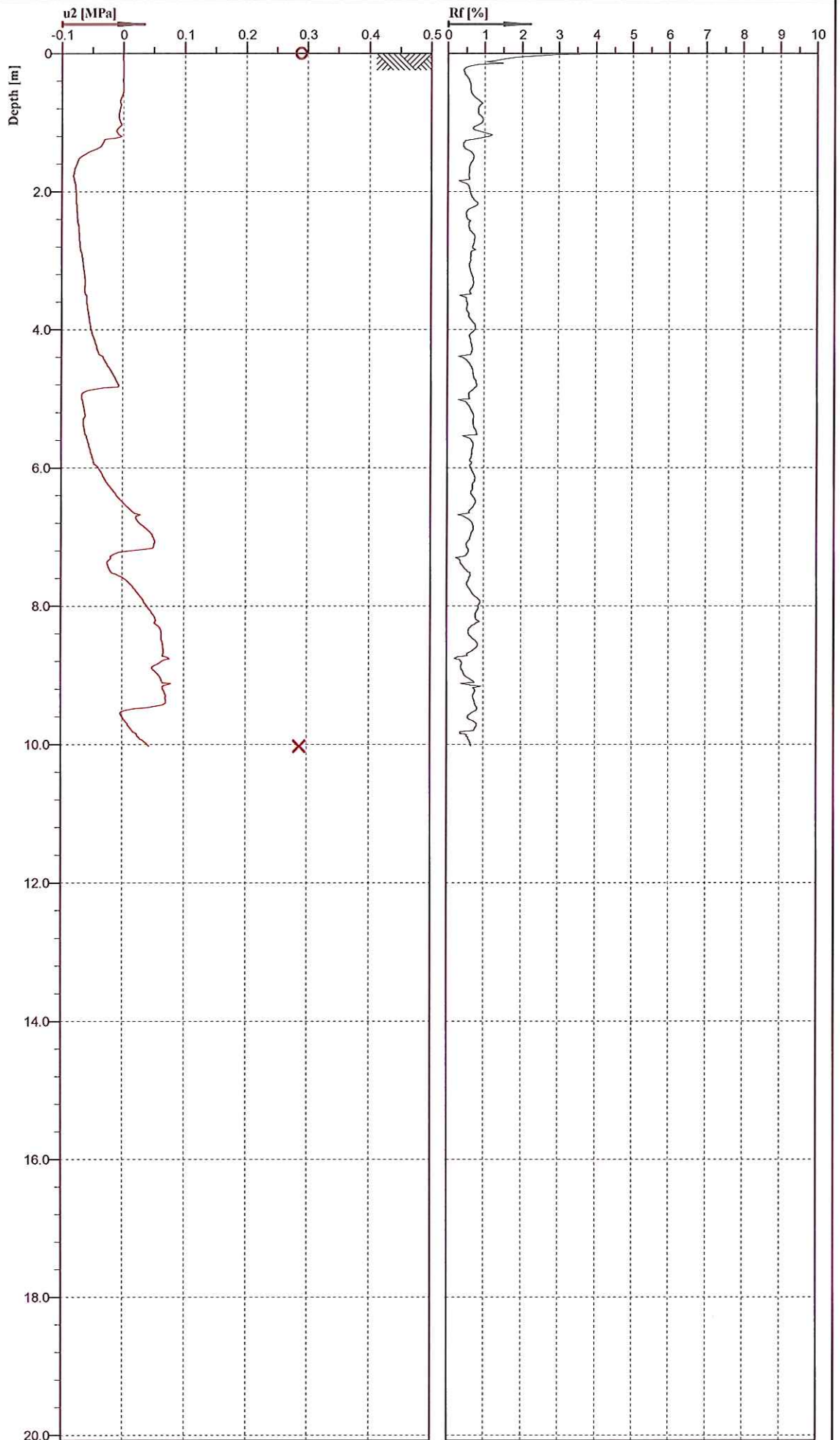
Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF14
Project ID:		Client:	Aurecon	Date:	08/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	preston south CPTPF14.cpt		

Classification by
Robertson 1986



Sand to silty sand (8)

Sand (9)



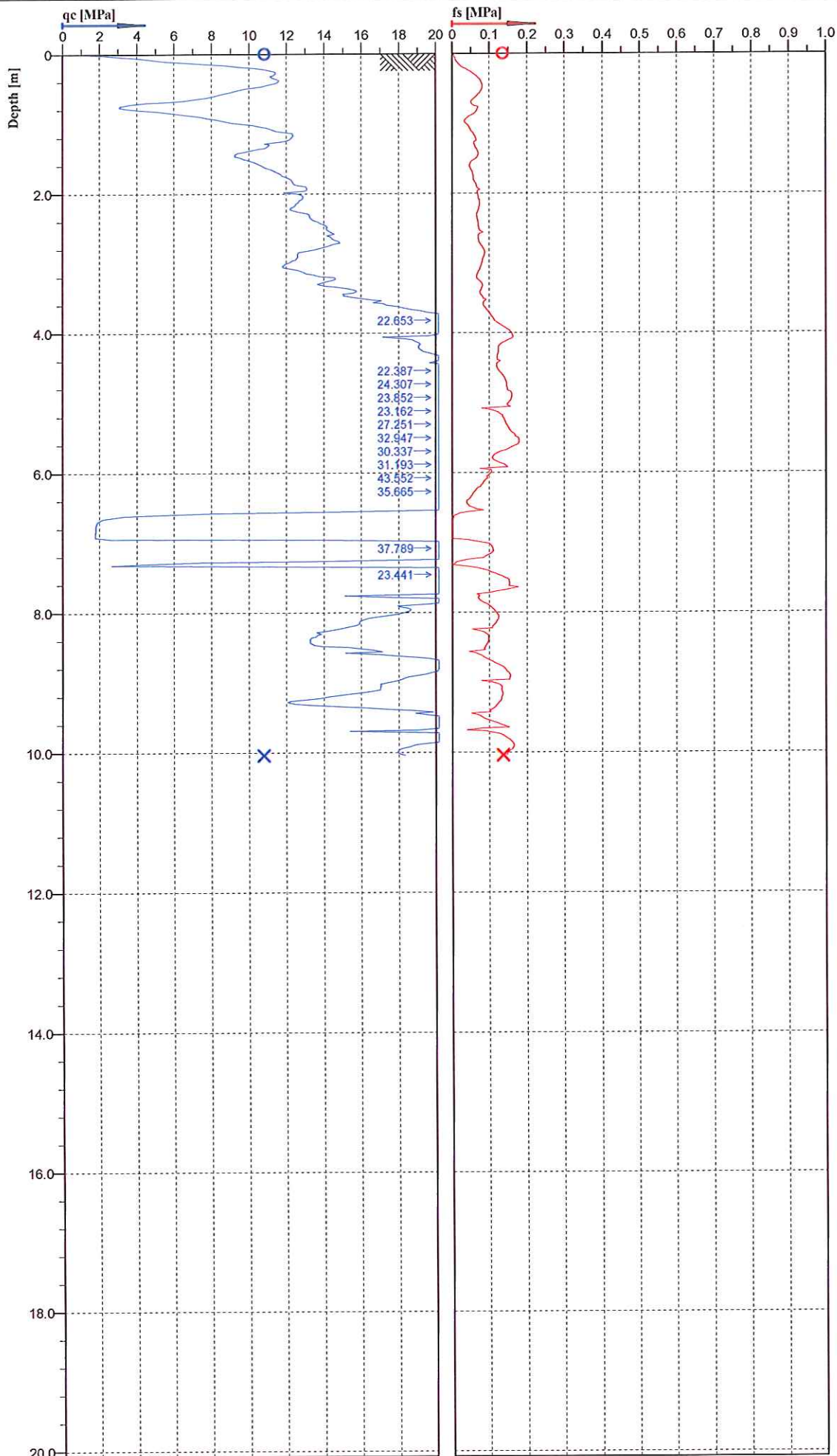
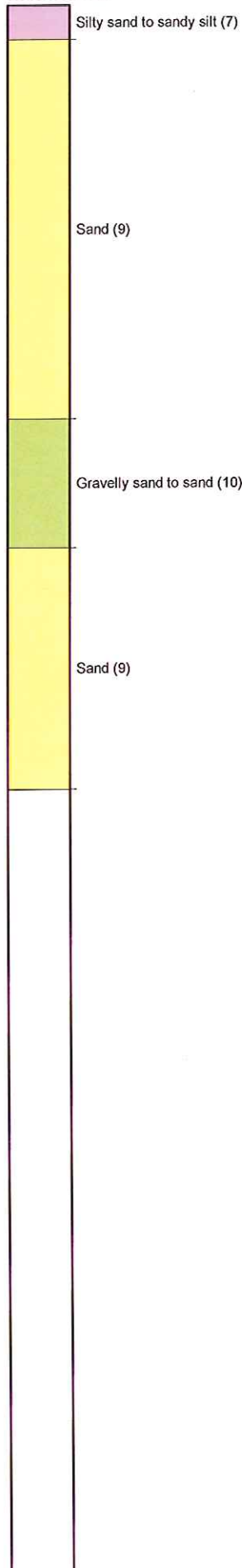
PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150



Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF14
Project ID:		Client:	Aurecon	Date:	08/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
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Classification by
Robertson 1986

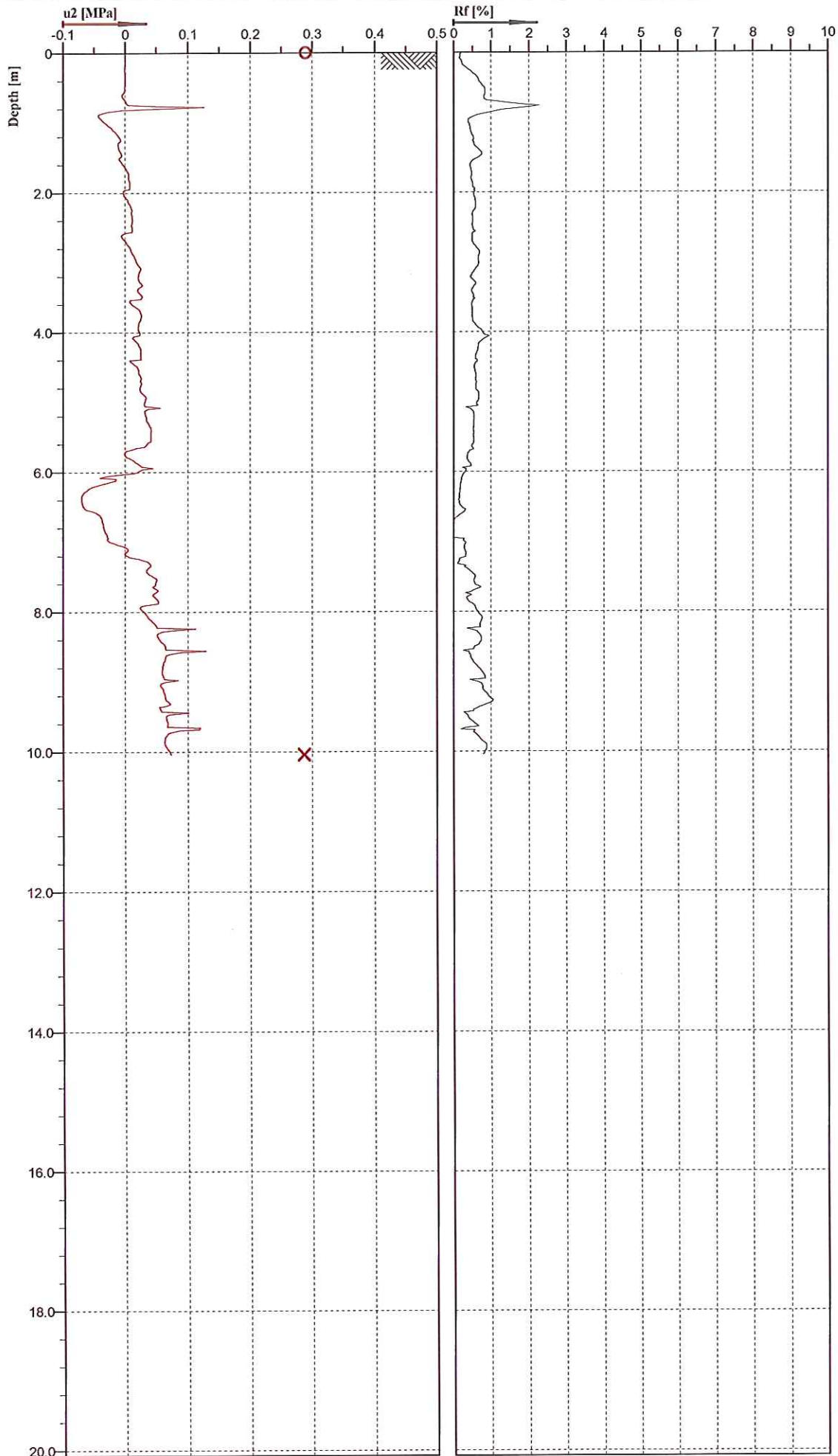
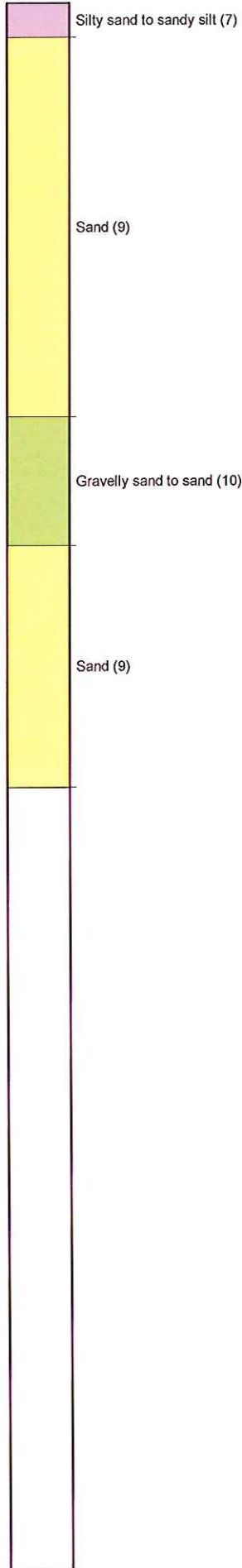


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF15
Project ID:		Client:	Aurecon	Date:	10/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonSouthCPTPF15.cpt		

Classification by
Robertson 1986



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4494
Tip area [cm²]: 10
Sleeve area [cm²]: 150

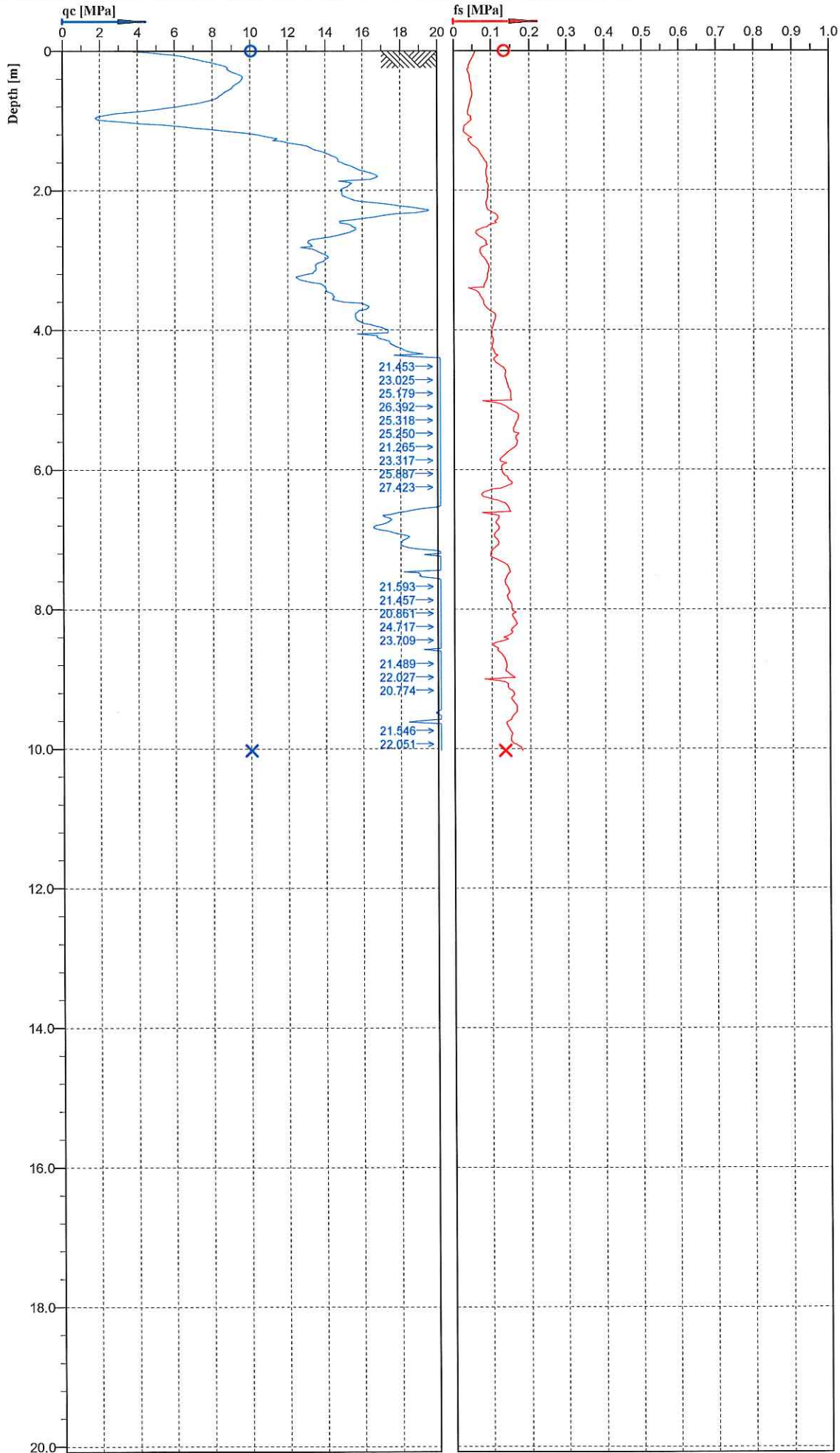
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Project ID:		Client:	Aurecon	Date:	10/9/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonSouthCPTPF15.cpt		

Classification by
Robertson 1986

Silty sand to sandy silt (7)

Sand to silty sand (8)

Sand (9)

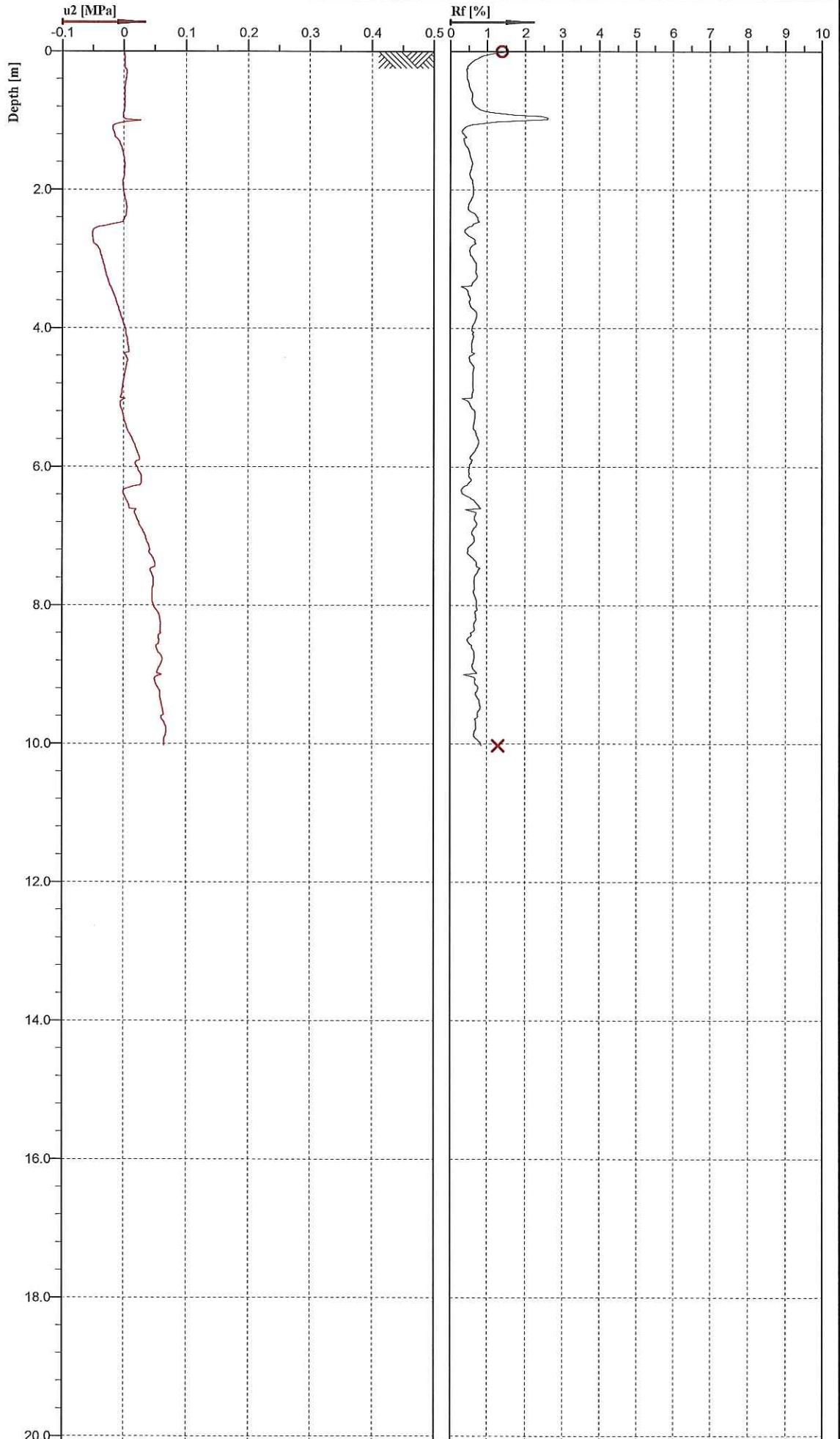
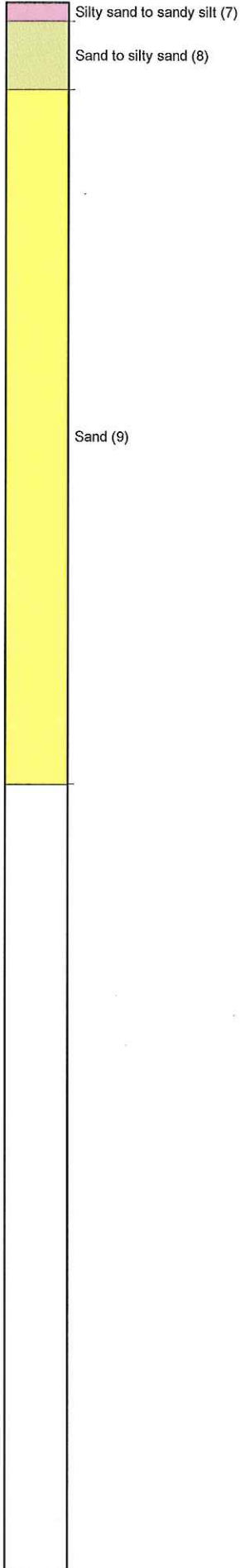


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm2]: 10
Sleeve area [cm2]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF16
Project ID:		Client:	Aurecon	Date:	11/25/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF16.cpt		

Classification by
Robertson 1986

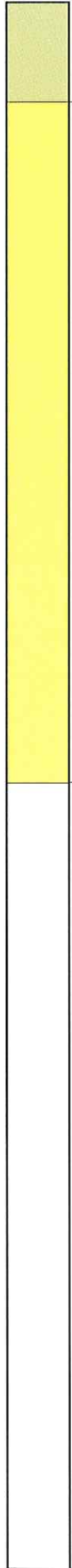


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm2]: 10
Sleeve area [cm2]: 150

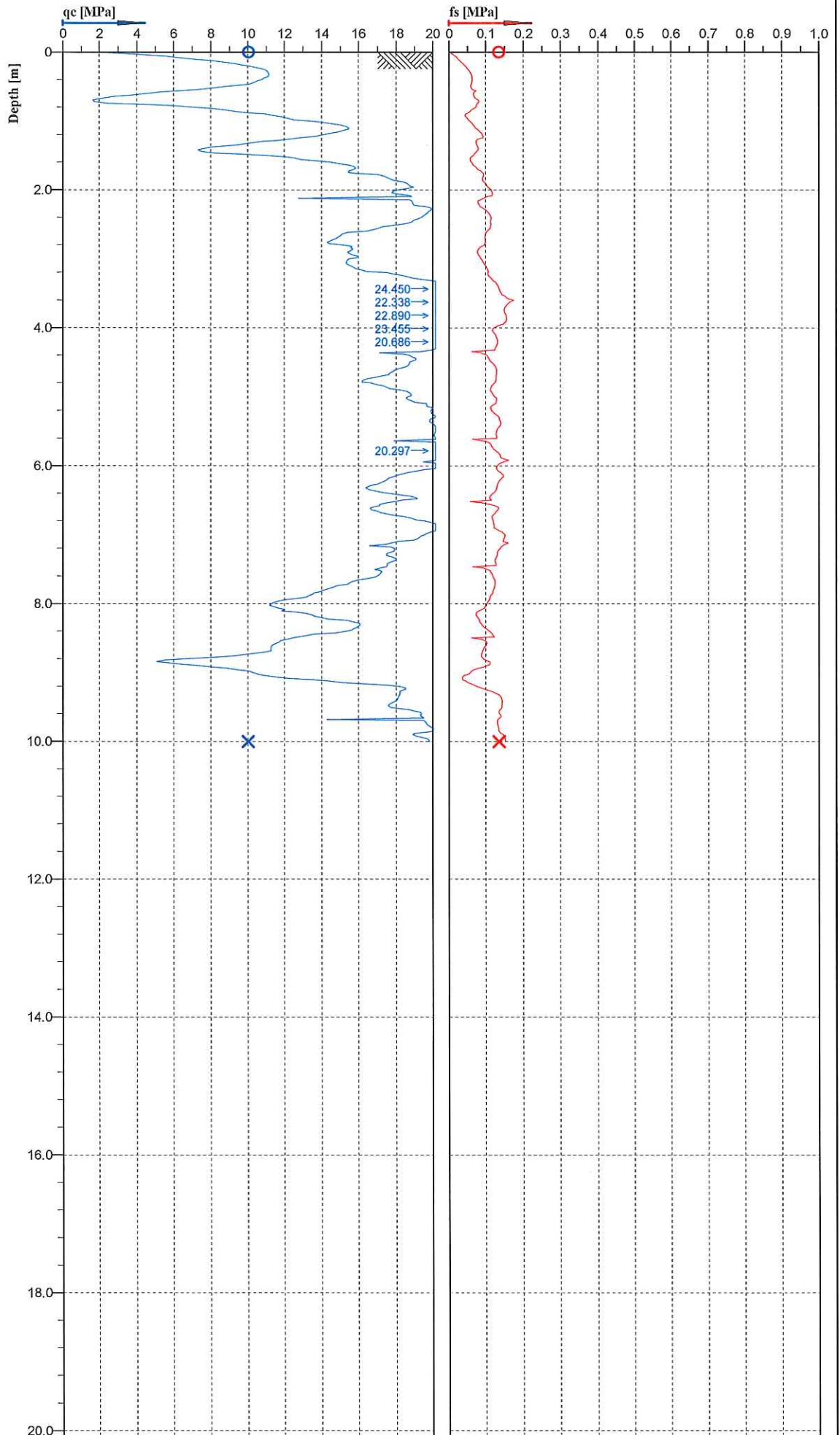
Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF16
Project ID:		Client:	Aurecon	Date:	11/25/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF16.cpt		

Classification by
Robertson 1986



Sand to silty sand (8)

Sand (9)

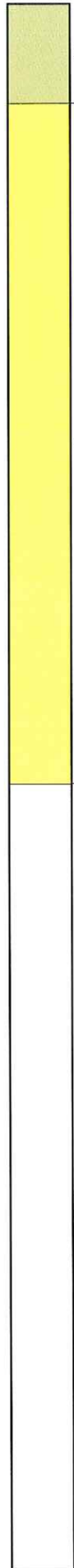


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

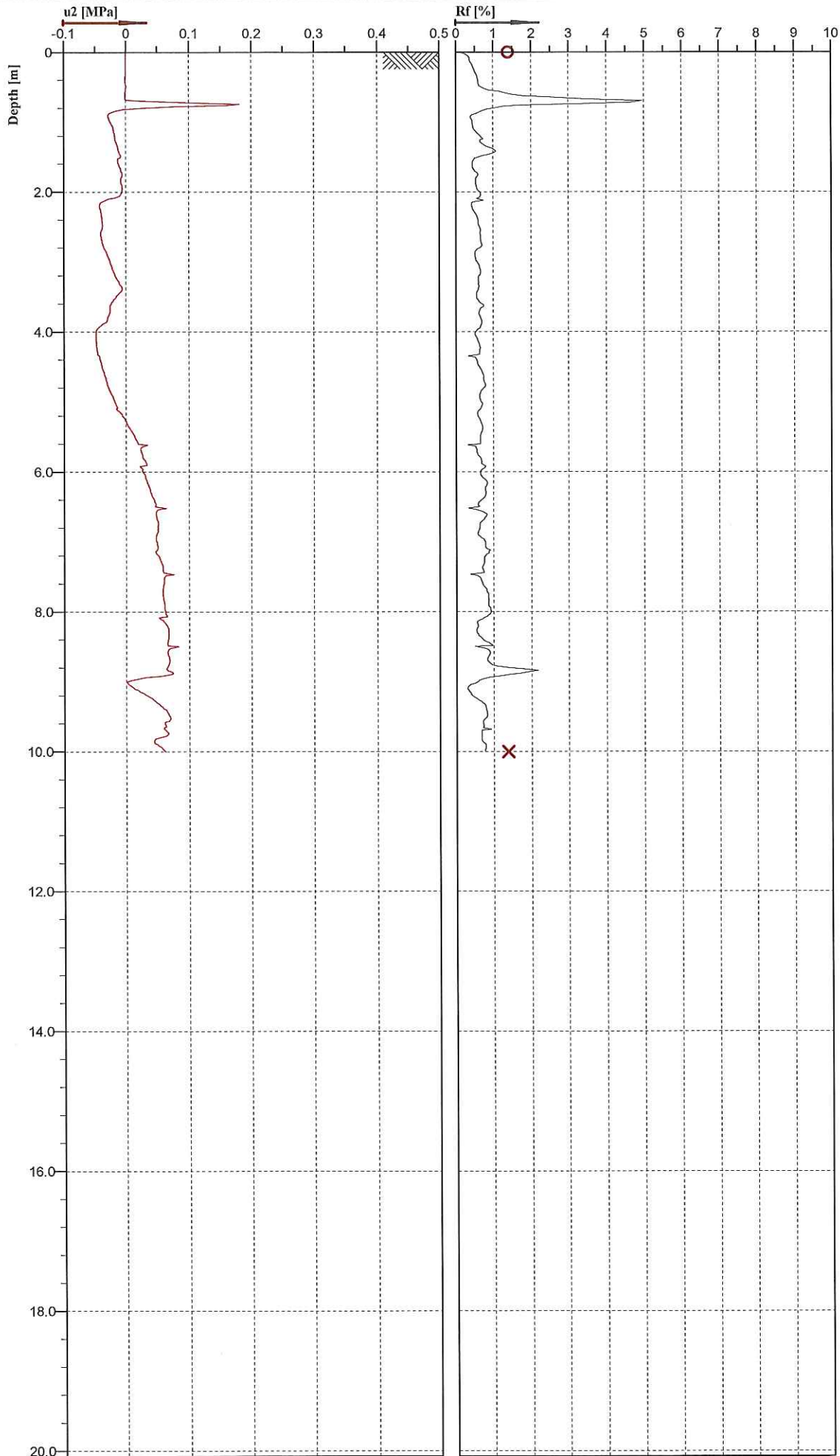
Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF17
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF17.cpt		

Classification by
Robertson 1986



Sand to silty sand (8)

Sand (9)



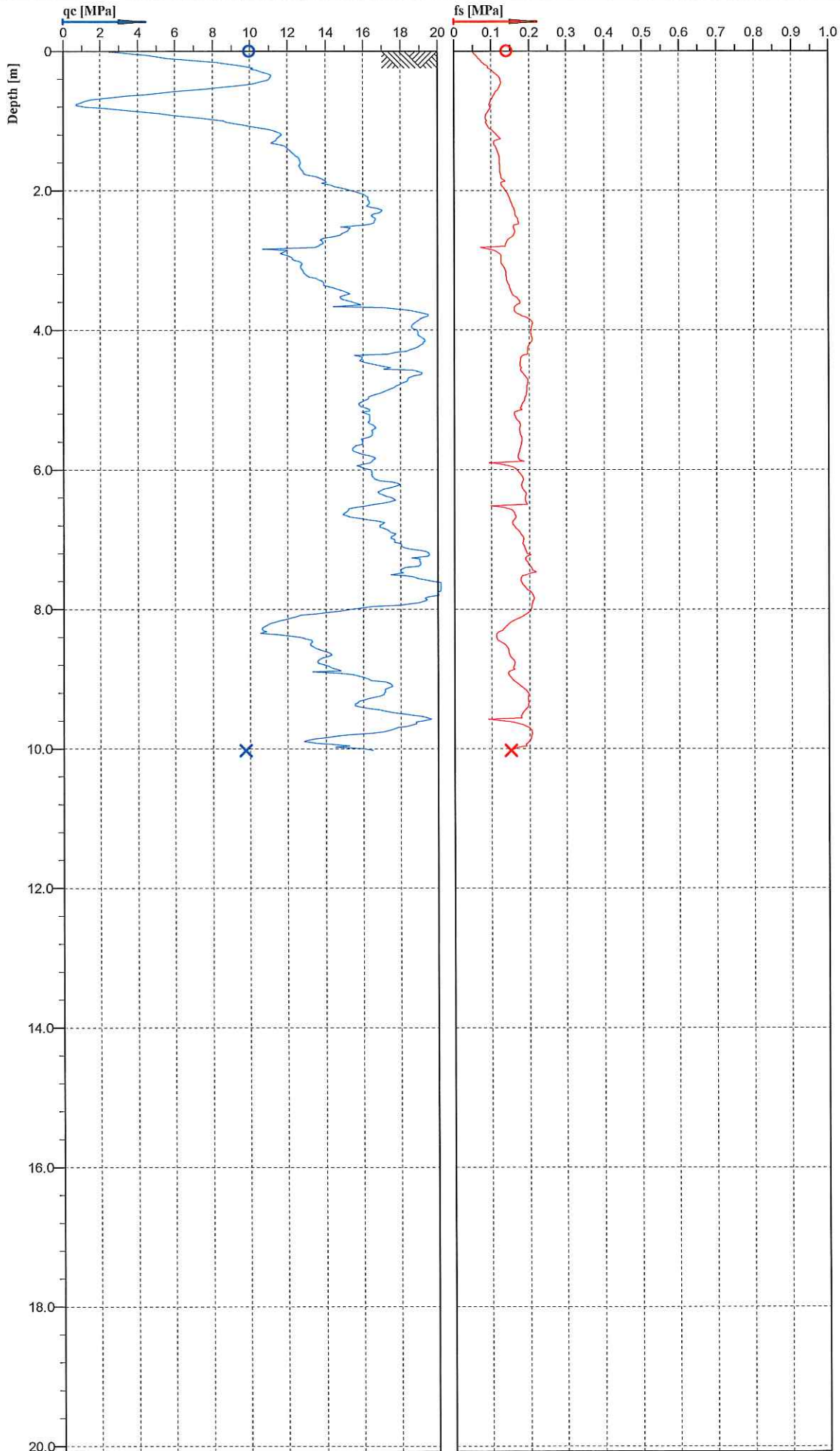
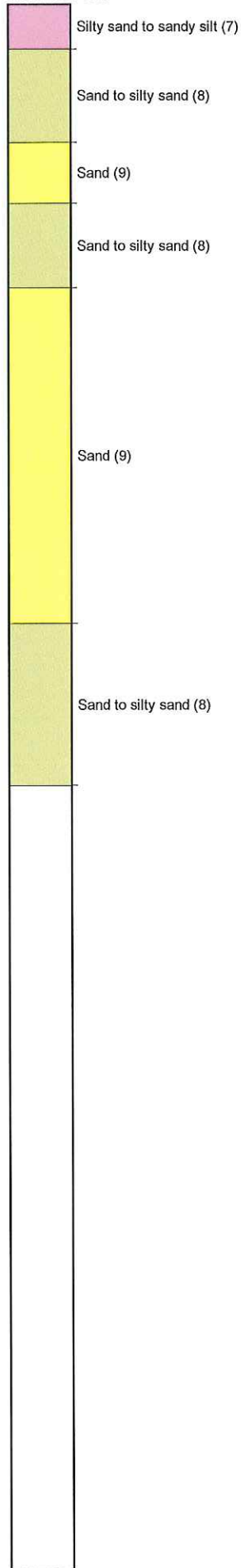
PRO-DRILL
SPECIALIST DRILLING ENGINEERS



Cone No: 4439
Tip area [cm2]: 10
Sleeve area [cm2]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF17
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
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Classification by
Robertson 1986

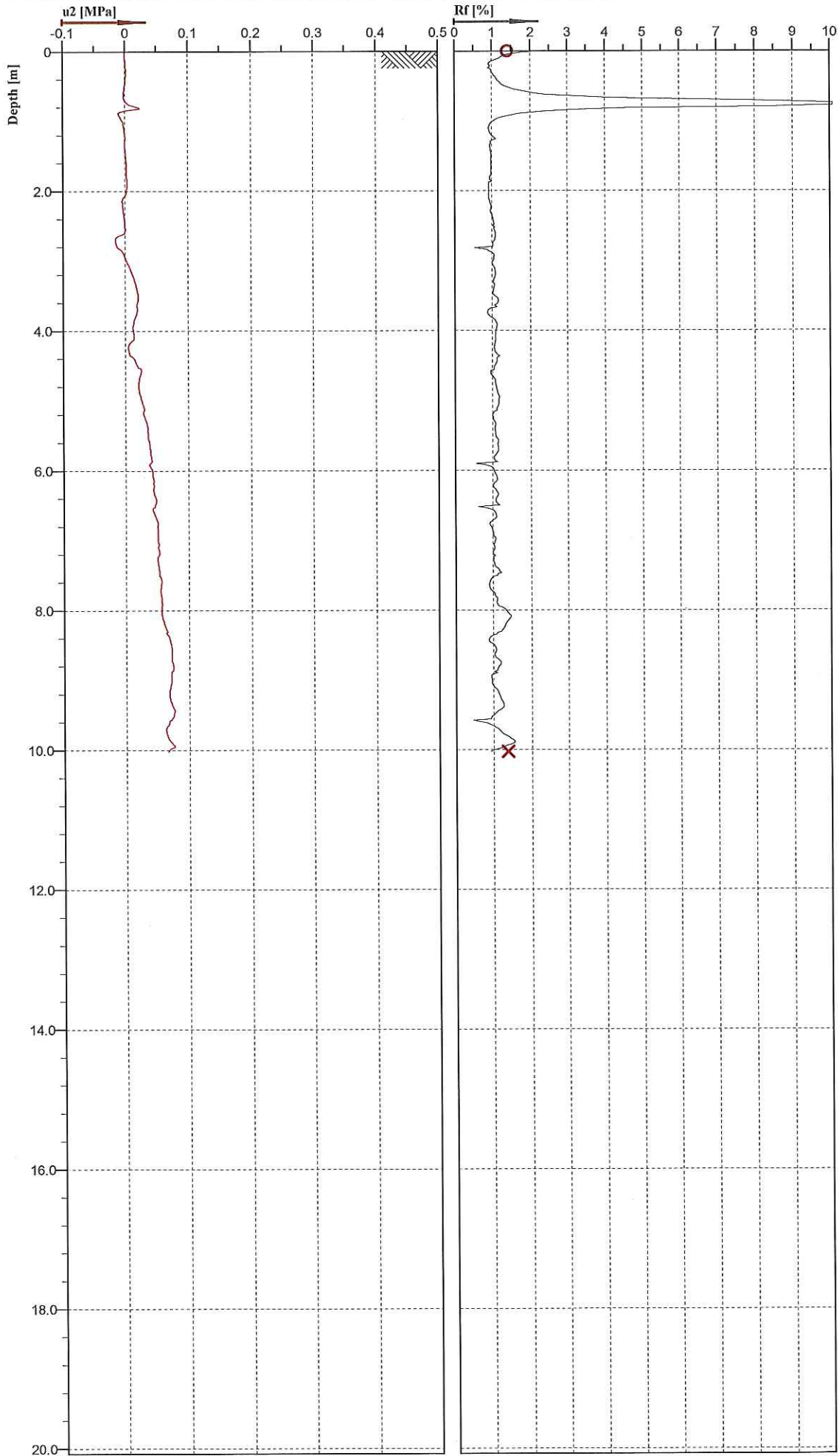
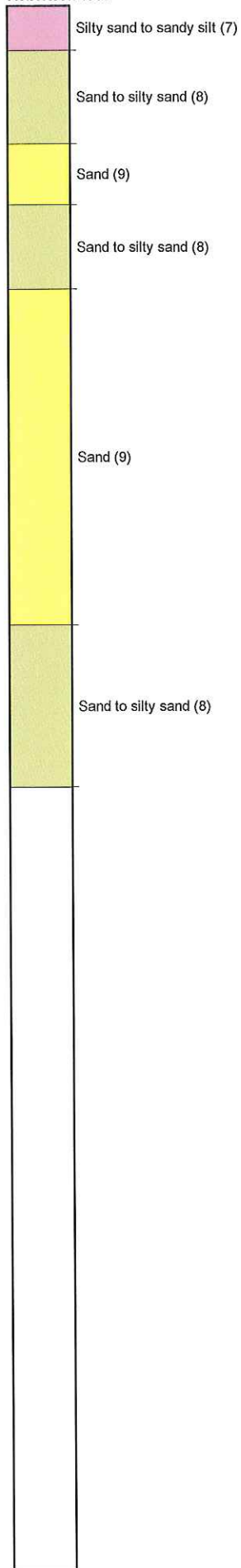


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF18
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF18.cpt		

Classification by
Robertson 1986

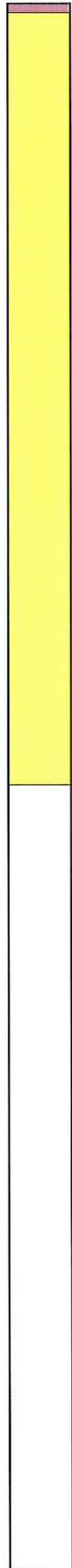


PRO-DRILL
SPECIALIST DRILLING ENGINEERS

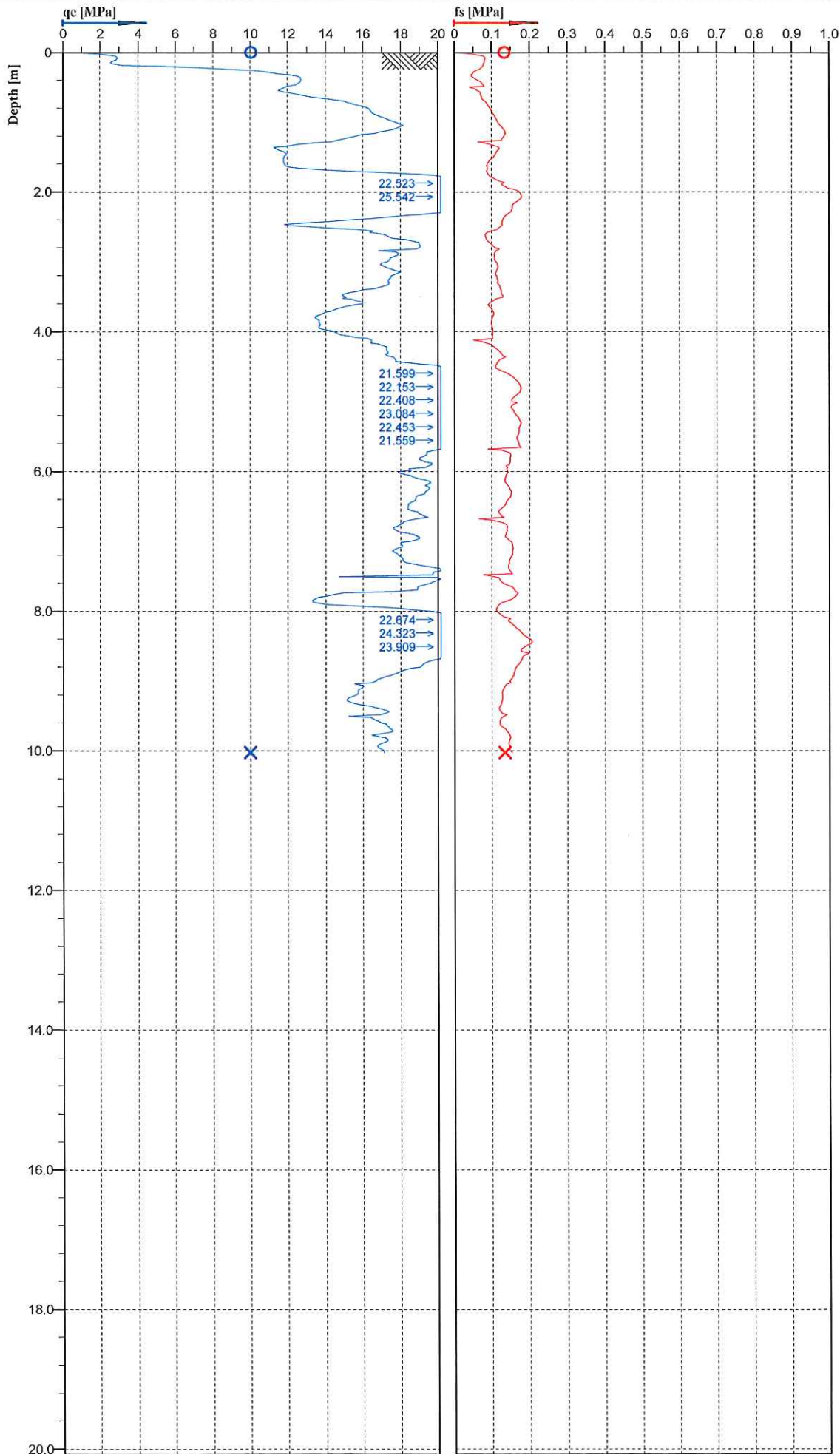
Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF18
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF18.cpt		

Classification by
Robertson 1986



Sand (9)



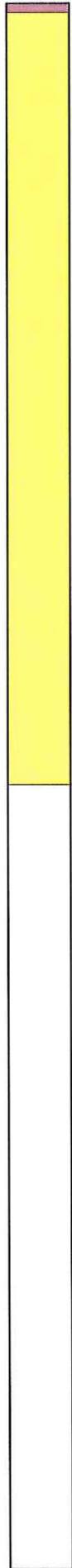
PRO-DRILL
SPECIALIST DRILLING ENGINEERS



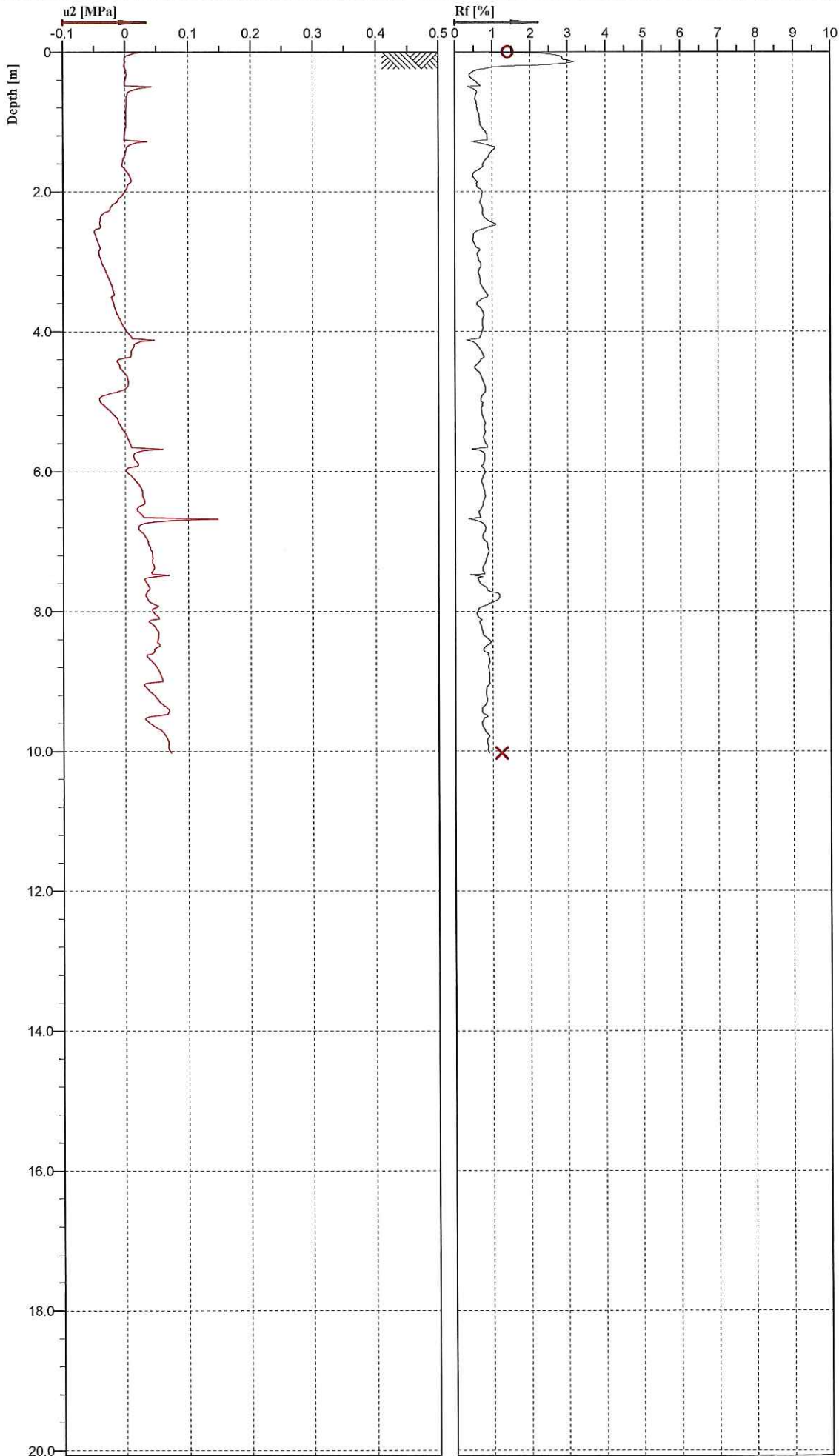
Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF19
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF19.cpt		

Classification by
Robertson 1986



Sand (9)

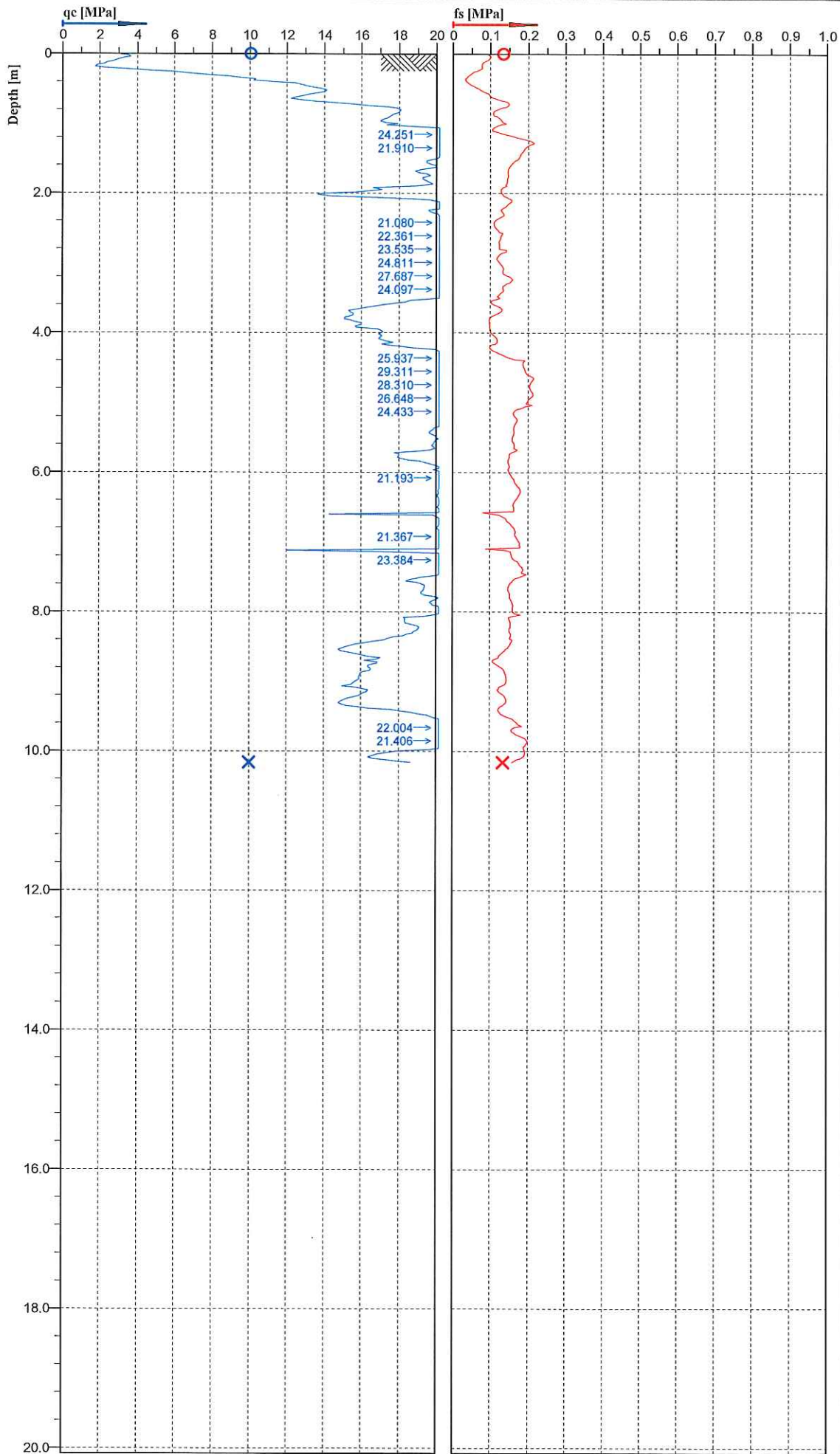


Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF19
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF19.cpt		

Classification by
Robertson 1986

Sandy silt to clayey silt (6)

Sand (9)



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

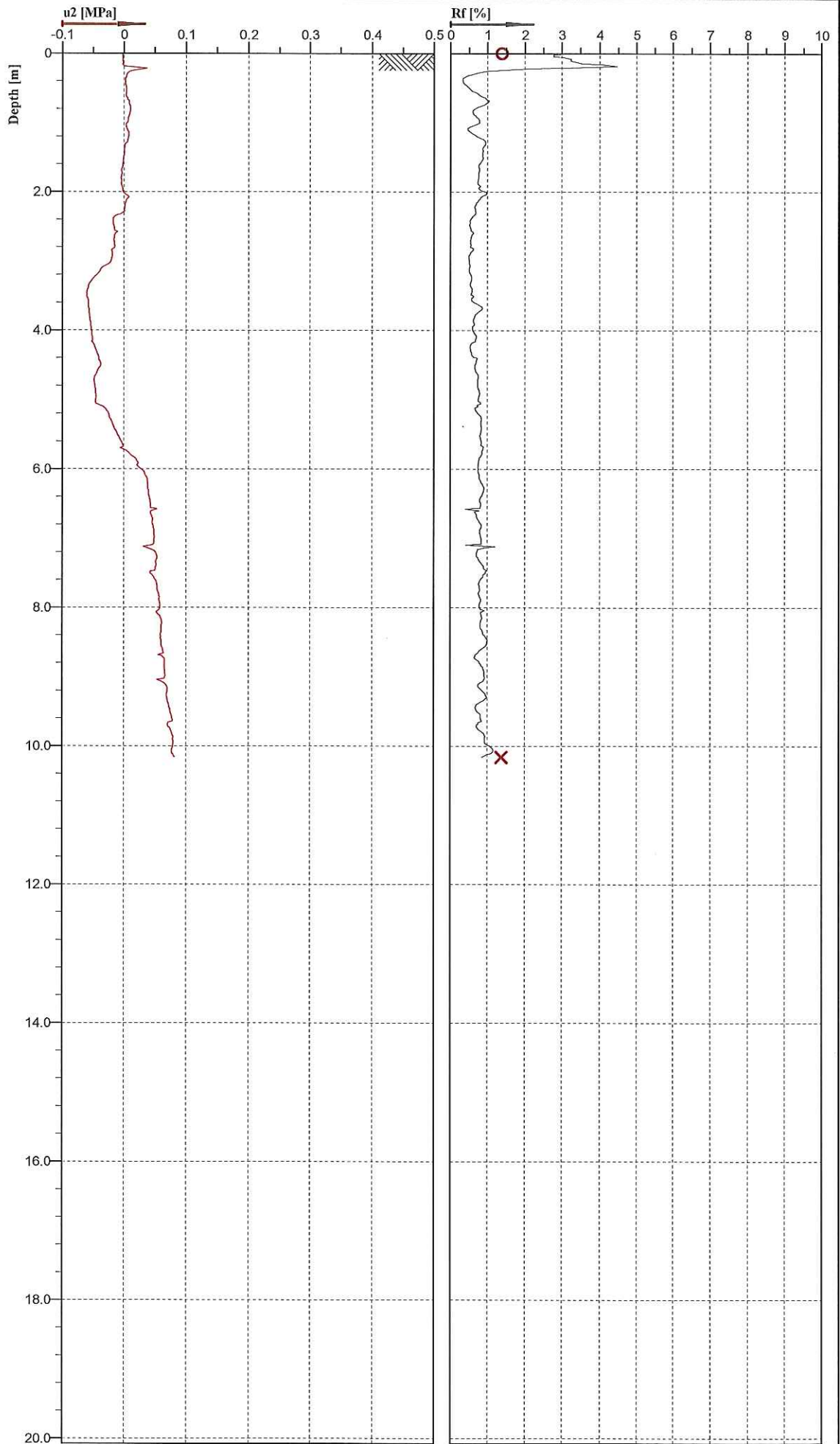
Cone No: 4439
Tip area [cm2]: 10
Sleeve area [cm2]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF20
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF20.cpt		

Classification by
Robertson 1986

Sandy silt to clayey silt (6)

Sand (9)



Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF20
Project ID:		Client:	AURECON	Date:	25/11/2014	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthCPTPF20.cpt		

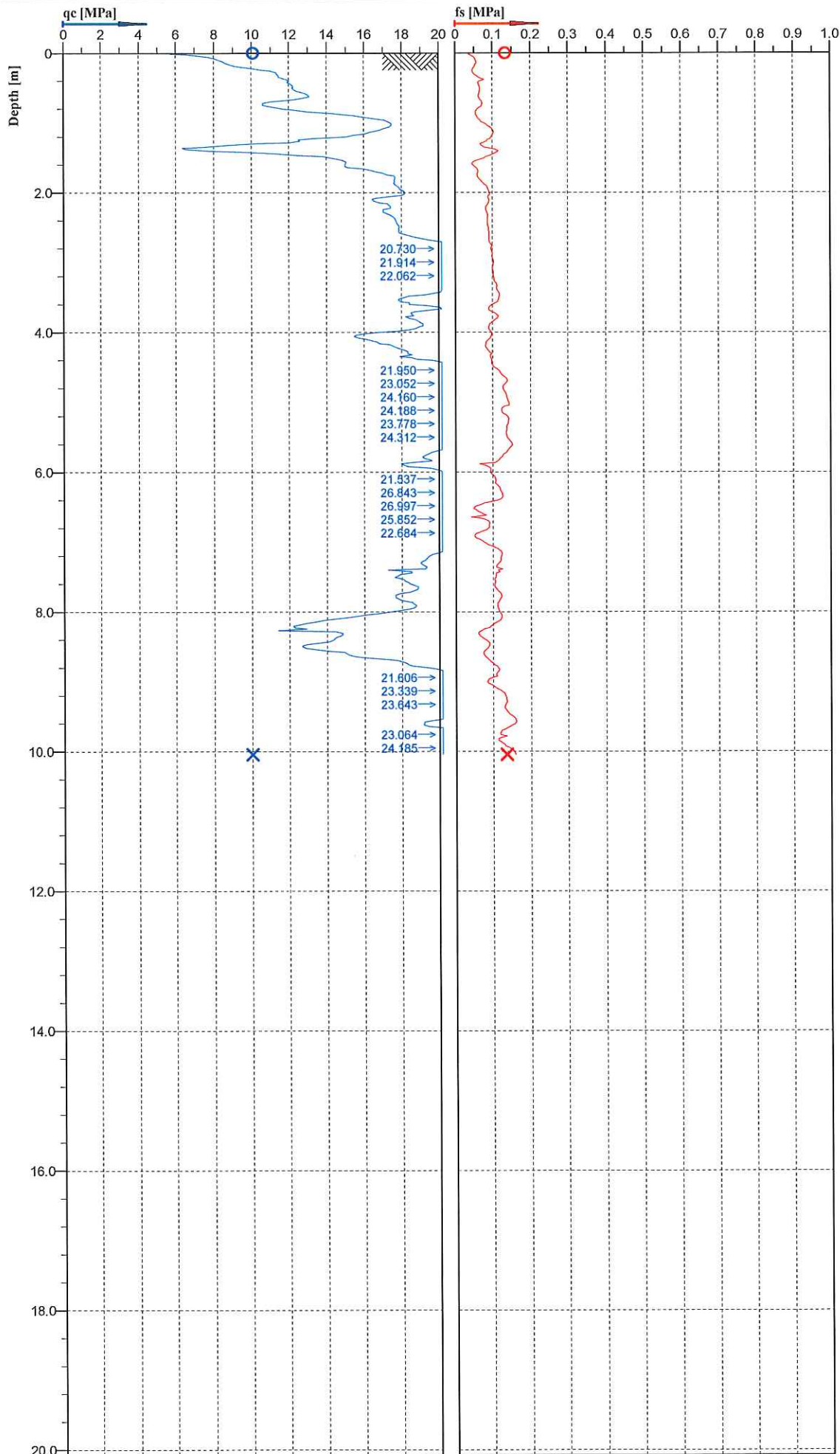
Classification by
Robertson 1986

Sand to silty sand (8)

Sand (9)

Gravelly sand to sand (10)

Sand (9)



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm2]: 10
Sleeve area [cm2]: 150

Location: CHCH	Position: X: 0.00 m, Y: 0.00 m	Ground level: 0.00	Test no: PF25
Project ID:	Client: Aurecon	Date: 04/02/2015	Scale: 1 : 80
Project: PRESTONS SOUTH		Page: 1/1	Fig:
		File: PrestonsSouthPF25.cpt	

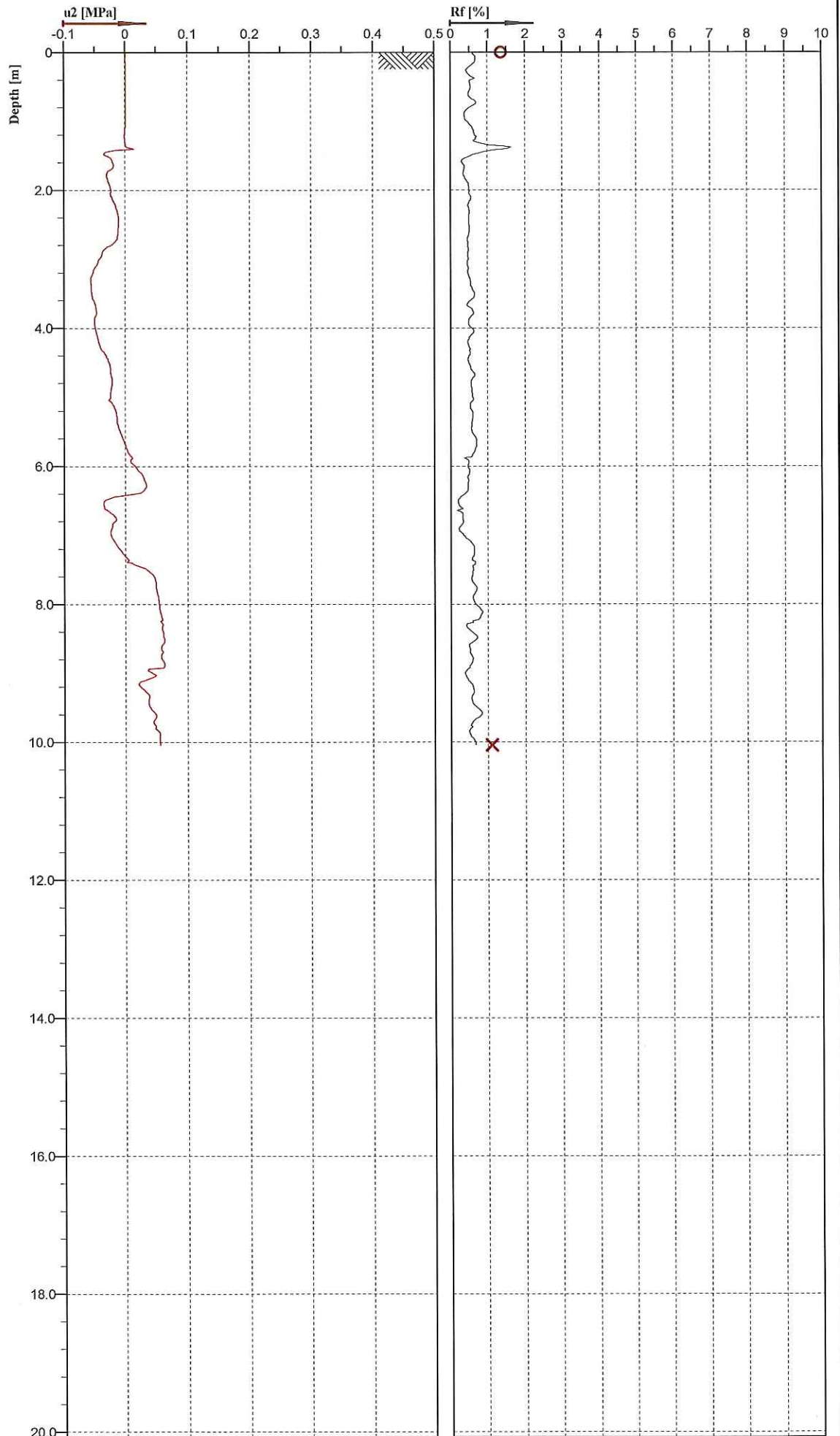
Classification by
Robertson 1986

Sand to silty sand (8)

Sand (9)

Gravelly sand to sand (10)

Sand (9)



PRO-DRILL
SPECIALIST DRILLING ENGINEERS

Cone No: 4439
Tip area [cm²]: 10
Sleeve area [cm²]: 150

Location:	CHCH	Position:	X: 0.00 m, Y: 0.00 m	Ground level:	0.00	Test no:	PF25
Project ID:		Client:	Aurecon	Date:	04/02/2015	Scale:	1 : 80
Project:	PRESTONS SOUTH			Page:	1/1	Fig:	
				File:	PrestonsSouthPF25.cpt		