

Site Location: 109 Wakefield St, Wellington

Test Date: 10/03/2017

Coordinates: 1748840.5, 5427561.8 (NZTM)

Supervisor: Shirley Wang

Reduced Level: 2.16m (Wellington Datum 1953)

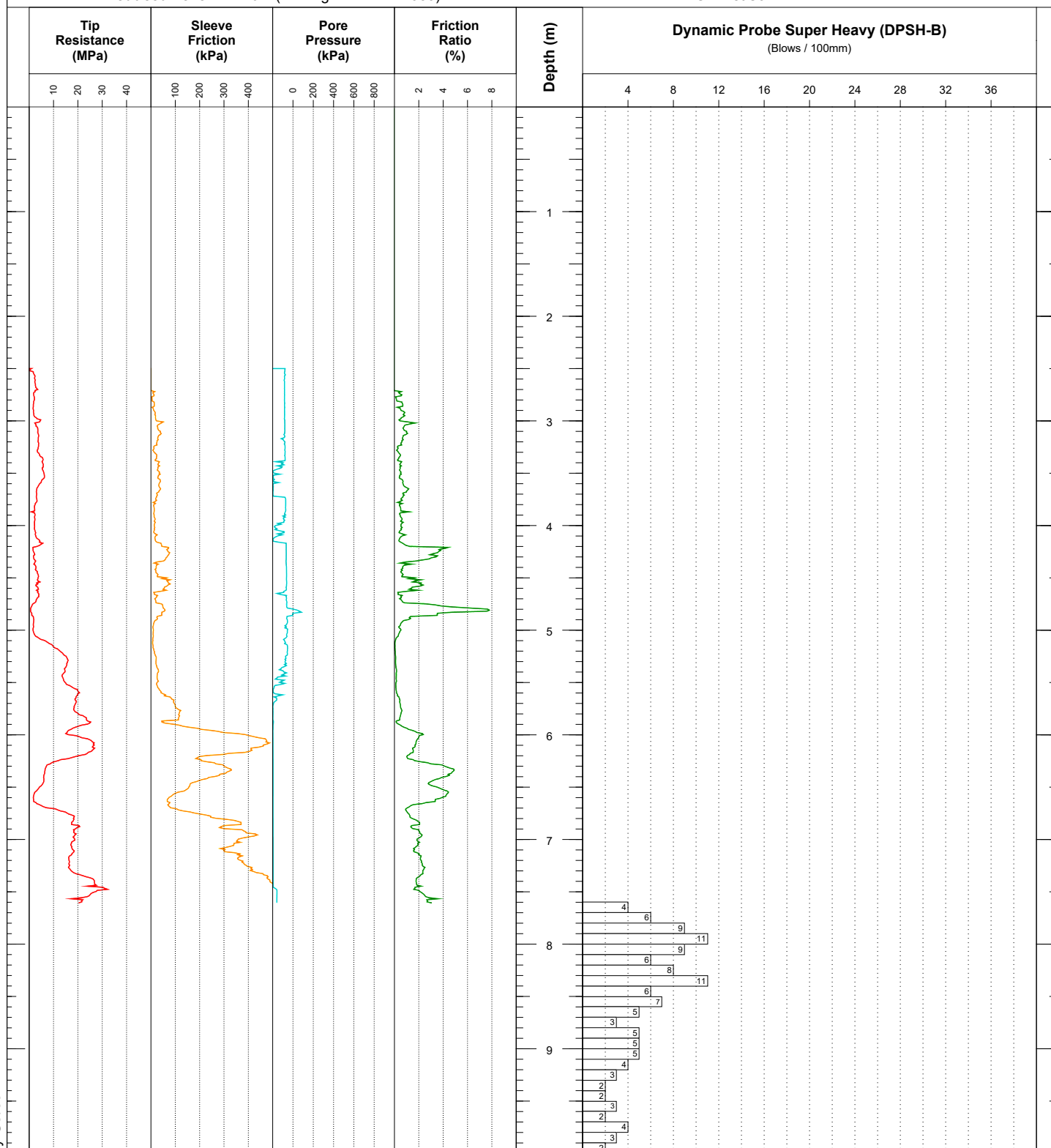
Operator:	Logan Allan
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Piezocone (Rig): MKJ364 (P001249)

Hole Depth: 10.6m

Pre-drill: 2.7m

EOH Reason: Friction Refusal



Remarks

CPTu testing carried out to ASTM Standard D5778-12

10cm-sq piezocone used for each CPTu test

CPTu refusal at 50MPa on the tip, 500kPa on the friction sleeve or at 2500kPa pore pressure

DPSH-B refusal at two consecutive increments of 20 blows or over

Average Energy Transfer Ratio for the DPSH-B hammer on each rig:

P 001245: 95%

P 001249: 90%

Calibration performed on 4th November 2014

CPT & DPSH TEST LOG

Job Number: 17154

Client: Wellington City Council
Project: Wellington Town Hall

Test Label: CPT202

Site Location: 109 Wakefield St, Wellington

Test Date: 10/03/2017

Coordinates: 1748840.5, 5427561.8 (NZTM)

Supervisor: Shirley Wang

Reduced Level: 2.16m (Wellington Datum 1953)

Operator: Logan Allan

Piezocone (Rig): MKJ364 (P001249)

Hole Depth: 10.6m

Pre-drill: 2.5m

EOH Reason: Friction Refusal

Tip Resistance (MPa)	Sleeve Friction (kPa)	Pore Pressure (kPa)	Friction Ratio (%)	Depth (m)	Dynamic Probe Super Heavy (DPSH-B) (Blows / 100mm)									
					4	8	12	16	20	24	28	32	36	
10	100	0	2		4		13		20					
20	200	200	4						18					
30	300	400	6							23				
40	400	600	8						18					
EOH: 10.6m														

Remarks

CPTu testing carried out to ASTM Standard D5778-12
10cm-sq piezocone used for each CPTu test
CPTu refusal at 50MPa on the tip, 500kPa on the friction sleeve or at 2500kPa pore pressure
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