

CPT & DPSH TEST LOG

Job Number:

Test Label:

17154

Wellington City Council

Project:

Wellington Town Hall

CPT203

Site Location: 109 Wakefield St, Wellington

Test Date: 10/03/2017

Coordinates: 1748857.7, 5427589.7 (NZTM)

Supervisor: Shirley Wang

Reduced Level: 3.22m (Wellington Datum 1953) Operator: Logan Allan

Piezocone (Rig): MKJ364 (P001249)

> Hole Depth: 12m Pre-drill: 3m

EOH Reason: Rod Flexure

Tip Resistance (MPa)	Sleeve Friction (kPa)	Pore Pressure (kPa)	Friction Ratio (%)	Depth (m)	Dynamic Probe Super Heavy (DPSH-B) (Blows / 100mm)							
10 10 10 10 10 10 10 10 10 10 10 10 10 1	100 - 100 - 300 - 400	- 0 - 200 - 400 - 600	2 4 9	. Del	4	8 12	16	20 24	28	32	36	
	-100 -200 -300	- 0 - 200 - 400 - 600	Market Transfer and Market	3	4 1 7 7 7 7 8 6 6 6 7 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 12	16	20 24	28	32	36	
Remarks CPTu testing carried out 1 10cm-sq piezocone used CPTu refusal at 50MPa o DPSH-B refusal at two co	on the tip, 500kPa on th	ie friction sleeve or at 2500	kPa pore pressure	P 0012 P 0012	e Energy Transfe 45: 95% 49: 90% tion performed or			nmer on each	rig:			
				2310								



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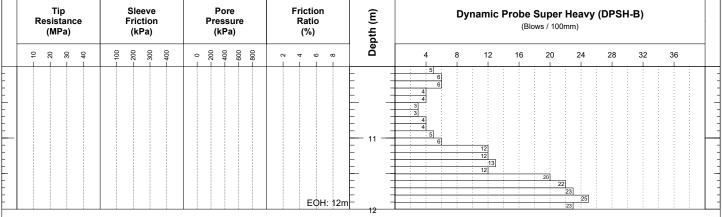
Reduced Level: 3.22m (Wellington Datum 1953)

Operator: Logan Allan

Piezocone (Rig): MKJ364 (P001249)

Hole Depth: 12m Pre-drill: 3m

EOH Reason: Rod Flexure



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

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