



INVESTIGATION LOG

HOLE NO.:

HA-1

CLIENT: Client 1

PROJECT: Geotechnical Investigations

JOB NO.:

Demo 2a

SITE LOCATION: 33 Hedgehog Road, New Brighton

CO-ORDINATES: 1573900.4mE, 5181522.3mN (NZTM)

CONTRACTOR: Internal

RIG: Hand Auger

ELEVATION: 2.81m (NZVD2016)

DRILLER: Ron

START DATE: 20/05/2019

END DATE: 20/05/2019

LOGGED BY: Ron

MATERIAL DESCRIPTION (See Classification & Symbolology sheet for details)	SAMPLES	DEPTH (m)	LEGEND	SCALA PENETROMETER (Blows / 100mm)	VANE SHEAR STRENGTH (kPa) Vane: V01		WATER
					50	100	
Clayey GRAVEL (GC); grey; bedded. Stiff to very stiff; dry to moist; poorly graded; gravel, fine to medium, subround to rounded, slightly weathered to moderately weathered.		0.2		2			
		0.3		3			
		0.4		4			
Sandy GRAVEL (GW); brownish grey; homogeneous. Medium dense to dense; saturated; well graded; gravel, fine to coarse; sand, fine to coarse.		0.5		3			
		0.6		2			
		0.7		3			
		0.8		7			
		0.9		3			
	B	1.0					134
		1.1					
Silty SAND (SM); brownish grey; bedded. Medium dense; saturated; dilatant; well graded; sand, fine to coarse.		1.2					
1.4m - Clayey		1.4					
Sandy SILT (ML); brownish grey; homogeneous. Firm; wet; low plasticity; uniformly graded; sand, fine.		1.6		5			
		1.7		4			
		1.8		3			
	B	2.0		2			
		2.1		2			
		2.2		3			
		2.3		9			
		2.4		12			
	B	2.5		7			
2.6m - 2.8m: - GRAVEL lense		2.6		6			
		2.7		5			
		2.8		5			
		2.9		5			
SAND (SP); brownish brown; homogeneous. Loose; wet; poorly graded; sand, fine.	B	3.0		3			110
2.8m - 3.5m: - Clayey		3.1		2			84
		3.2		5			
		3.3		9			
		3.4		11			
		3.5					160
End Of Hole: 3.50m		3.6					92
		3.7					
		3.8					
		4.0					
		4.2					
		4.4					
		4.6					
		4.8					

PHOTO(S)



REMARKS

WATER

- Standing Water Level
- Out flow
- In flow

INVESTIGATION TYPE

- ☒ Hand Auger
- ☐ Test Pit