



DRILLHOLE RECORD

CONTRACT NO. GE/2013/04

HOLE NO. **BH18**

SHEET **1** of **5**

PROJECT Kai Tak Multi-purpose Sports Complex

METHOD **ROTARY**

CO-ORDINATES

WORKS ORDER NO. **GE/2013/04.22B**

MACHINE **SD14**

DATE **14.02.2014** to **17.02.2014**

FLUSHING MEDIUM **WATER**

ORIENTATION **VERTICAL**

GROUND LEVEL

Drilling Progress	Casing Size	Water Level (m) Shift Start/End	Water Return%	TCR%	SCR%	RQD%	Fracture Index	Tests	Samples	Reduced Level	Depth (m)	Legend	Grade	Description
14.02.2014	SW									0.00	0.00	△△△△		Grey (10YR 5/1), CONCRETE. (PLATFORM)
1									1	0.45	0.40	△△△△		Light olive grey (5Y 6/2), clayey sandy SILT with much angular to subangular fine to medium gravel of rock fragments. (FILL)
									2	0.95	1.00	△△△△		Light brownish grey (10YR 6/2) spotted yellow and white, clayey sandy SILT with some angular fine to medium gravel of rock fragments. (FILL)
2									3	1.45		△△△△		
									4	1.95	2.00	△△△△		Firm, very pale brown (10YR 7/3) spotted white, light grey and red, clayey sandy SILT with occasional angular to subangular fine gravel of quartz fragments. (FILL)
3				100					5	2.00		△△△△		
									6	2.45		△△△△		
4									7	2.90		△△△△		
									8	2.95		△△△△		
5									9	3.35		△△△△		
									10	4.00		△△△△		
6									11	5.00	5.00	△△△△		Soft to firm, black (N2.5/), clayey SILT with some coral and shell fragments. (FILL)
									12	5.45		△△△△		
7									13	5.90		△△△△		
									14	5.95		△△△△		
8	SW 8.00m PW								15	7.00		△△△△		
									16	8.00	8.00	△△△△		Loose, light olive grey (5Y 6/2) mottled yellowish brown, clayey silty fine to coarse SAND with some shell fragments. (MARINE DEPOSIT)
9									17	8.45		△△△△		
									18	8.90		△△△△		
10									19	8.95		△△△△		
									20	9.35		△△△△		

- ⊕ SMALL DISTURBED SAMPLE
- ⊕ LARGE DISTURBED SAMPLE
- ▨ U76 SAMPLE
- ▨ PISTON SAMPLE (76mm)
- ▨ MAZIER SAMPLE
- SPT LINER SAMPLE
- ▲ WATER SAMPLE
- U100 SAMPLE
- ↓ STANDARD PENETRATION TEST
- ∇ IN-SITU VANE SHEAR TEST
- ⊕ IMPRESSION PACKER TEST
- ⊕ PERMEABILITY TEST
- ⊕ PRESSUREMETER TEST
- ⊕ BOREHOLE TELEVIEWER
- ⊕ PIEZOMETER TIP
- ⊕ STANDPIPE TIP

LOGGED L. Zhang
 DATE 21.02.2014
 CHECKED R. Chu
 DATE 25.02.2014

REMARKS
 1. An inspection pit was excavated to 2.00m deep by hand tools.
 2. Piezometers were installed with tips at 9.50m and 43.80m respectively.

Figure 8-4-3: BOREHOLE BH18