

BORELOG

SHEET NO: 1 OF 2

		CLIENT:																		
		PROJECT:																		
		LOCATION:																		
PROJECT NO: P559		BOREHOLE NO: BH-1										WATER LEVEL:								
DRILLING DATE STARTED:		BOREHOLE DIA: 100 mm										REDUCED LEVEL:								
DRILLING DATE COMPLETED:		CORE DIA: 52 mm										NORTHING:								
PREPARED BY:		DRILLING METHOD: RCG										EASTING:								
Description	Graphic Log	Depth (m) (Thickness)	Reduced Level (m)	Scale	SPT (N-Value)		Samples & Tests			Rock		Geological Classification	Grain Size Analysis G/SA/S/C	Unified Soil Classification	Shear Strength		Bulk Density (Mg/m ³)	Water Content (%)	Atterberg	
					Blows/cm	Legend	Type & No.	Depth (m)	TCR (%)	ROD (%)	C				φ	LL			PL	
																				(kN/m ²)
Trial Pit (0.80mx0.60mx1.5m) Hand Auger (1.5mx3.0m) Firm Purplish grey and light grey sandy SILT mixed with rock fragments (BACK FILL)		(3.00)	118.10	1								FILL	BF							
Firm Brownish grey sandy SILT (BACK FILL)		(3.00)		2																
Firm Brownish grey and light sandy SILT (BACK FILL)		6.00	115.10	3								FILL	BF							
Stiff Yellowish brown and reddish brown sandy SILT (BACK FILL)		(3.00)		4																
Hard Light grey and pale olive slightly sandy CLAY mixed with rock fragments Completely weathered (JURONG FORMATION)		9.00	112.10	5								FILL	BF							
Moderately strong Light grey SANDSTONE bedded, fined grained, closely spaced fractures Moderately weathered (JURONG FORMATION) TW1 (PD=2.69)		(3.00)		6																
Moderately strong to weak Light grey SANDSTONE bedded, fined grained Moderately weathered (JURONG FORMATION) S(IV) at 15.20m-15.50m		12.00	109.10	7								FILL	BF							
Moderately weak to moderately strong Light grey and brownish grey SILTSTONE closely spaced fractures Moderately weathered (JURON FORMATION)		(1.50)		8																
Moderately strong Brownish grey SILTSTONE bedded, Moderately weathered (JURONG FORMATION)		13.50	107.60	9								S(V)	CS							
Moderately strong Brownish grey mottled light greenish grey SILTSTONE bedded, closely to medium spaced Moderately weathered (JURONG FORMATION)		(1.00)		10								S(III)	SA							
Moderately strong Brownish grey mottled light greenish grey SILTSTONE bedded, widely spaced fractured Moderately weathered (JURONG FORMATION)		14.50	106.60	11								S(III)	SA							
		(1.00)		12								S(III)	SI							
		15.50	105.60	13								S(III)	SI							
		(1.00)		14																
		16.50	104.60	15																
		(2.00)		16																
		18.50	102.60	17																
		(1.00)		18																
		19.50	101.60	19																
		(0.50)		20																
		20.00	101.10	20																
TO BE CONTINUED		REMARKS: Borehole terminated at 20.50m and grouted with cement.																		
LEGEND:																				
▼ -Pressuremeter Test (PMT)																				
⊗ -Vane Shear Test (V)																				
⊗ -Permeability Test (PBT)																				
▨ -Packer Test (PKT)																				
⊠ -Standard Penetration Test (P)																				
▨ -Undisturbed Sample (UD)																				
▨ -Open Drive Thickwall Sample (OD)																				
▨ -Mazier Sample (MZ)																				
▨ -Denison Sample (DS)																				
□ -Attempted (UD), (OD), (PS), (MZ) & (DS)																				
■ -Piston Sample (PS)																				
▨ -Core Run (CR)																				