



PRELIMINARY REPORT OF BOREHOLE: BH 2

CLIENT: RTA
 PROJECT: Tall Building
 LOCATION: Cut 123
 JOB NO: ABC1234

POSITION: Cut 123
 COORDS: 654122.95 m E 123139.23 m N MGA94 56/2 (dGPS)
 SURFACE RL: 10.00 m DATUM: AHD (dGPS)
 INCLINATION: -90° DIRECTION: 045°
 HOLE DEPTH: 12.00 m

SHEET: 2 OF 3
 DRILL RIG: DB515
 CONTRACTOR: Company A
 LOGGED: RH DATE: 25/7/06
 CHECKED: DATE:

Drilling					Field Material Description				Defect Information		
METHOD	WATER	TCR	RQD (SCR)	DEPTH (metres)	DEPTH RL	GRAPHIC LOG	ROCK / SOIL MATERIAL DESCRIPTION	WEATHERING	INFERRED STRENGTH $I_{s(50)}$ MPa	DEFECT DESCRIPTION & Additional Observations	AVERAGE DEFECT SPACING (mm)
								EL 0.03 VL 0.03 J 0.1 L 0.3 M 0.3 H 3 VH 10 EH			10 20 100 300 1000 3000
				0							
				1							
				2							
				3							
				4							
				5							
				6							
				6.45			Continuation of Sheet 1				
				3.55			SANDY SILTSTONE dark grey with red brown, and grey-brown. Fine grained sand. 45° - 70° bedding. Scatter of Fe sealed joints at 40° - 90° and interbedded with META SILTSTONE green	SW SW to EW SW		Rec = 200/450 mm SPT 6.50-6.95 m; 1, 2, 3 N=5 6.64-6.93 m: J, 0-90°, sp = 50-200 mm, Pl, Ro, Fe Clay, Also IR & S WITH CLAY POCKETS 7.00 m: HB 7.12 m: J, 30-60°, PR, RF, Fe, Joints also IR	
				7.50						7.34 m: J, 5°, PR, RF, Fe Clay 7.38 m: J, 90°, PR, S, Fe 7.43 m: J, 55°, PR, S, Clay U63 7.50-7.80 m; Rec = 400/300 mm PP = 123-333 kPa HV s_v = 155 kPa s_u = 25 kPa 7.67 m: J, 5°, PR, RF, Clay 7.70 m: J, 50°, PR, SL, Clay 7.75 m: DB 7.84 m: J, 5°, PR, S 7.88 m: J, 60°, SL 7.93 m: J, 10°, PR, S, Clay 7.95 m: J, 55°, PR, SL, Clay	
				2.50							
				7.75							
				2.25							
				8.00							
				2.00							
				8.50			Sandy CLAY green moist to wet, very stiff to hard	SW to F		Rec = 100/100 mm SPT 8.00-8.10 m; 10/100mm HB N=R 8.42 m: J, 5°, PR, S, MS SPT 8.50-8.66 m; 5, 30/10mm N>30 8.59 m: J, 20°, IR, RF, CA 8.66 m: DB 8.71 m: DB 8.78 m: J, 45°, PR, S, MS 8.91 m: J, 40°, IR, RF, MS, & DB 9.00 m: HB	
				1.50							
				9.00			NO CORE				
				9.20			SILTSTONE grey and dark grey				
				0.80							
				10							

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 DRILL RIG: DB515
 CONTRACTOR: Company A
 LOGGED: RH DATE: 25/7/06
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Drilling						Field Material Description				Defect Information									
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											EL 0.03	VL 0.01	J 0.1	M 0.3	H 1	VH 10	EH	10	20
			85	10						9.10 m: HB 9.33 m: J, 55°, PR, S, Clay, & DBs 9.50 m: J, 75°, PR, SL, Clay 9.55 m: DB 9.57-10.15 m: J, 10-90°, PR, RF, CN, TRACE CLAY ALSO IR, S & SL									
				12.00	-2.00		END OF BOREHOLE @ 12.00 m GROUNDWATER ENCOUNTERED @ 2.20 m DEPTH a remark												
				11															
				12															
				13															
				14															
				15															
				16															
				17															
				18															
				19															
				20															

PRELIMINARY

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