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CORED BOREHOLE ENGINEERING LOG

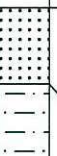




BOREHOLE NO.

UBH01

SHEET 2 OF 2

Client: Department of Transport and Main Roads Date Commenced: 22/2/10
Project: Gold Coast Rapid Transit Date Completed: 22/2/10
Borehole Location: Proposed University Hospital Station, Parklands Drive, Ch: 19307.5 Recorded By: DS
Project Number: 2161016A Log Checked By: LMK

Drill Model/Mounting: Drillpower Hydrapower Scout Hole Angle: 90° Surface RL: 18.09 m AHD*
Borehole Diameter: 75 mm Bearing: --- Co-ords: E 81339.42 N 62209.95 GCCC Grid*

Borehole Information						Field Material Description						
1	2	3	4	5	6	7	8	9	10	11	12	
METHOD	SUPPORT	WATER	CORE RECOVERY	RQD	RL(m) AHD*	DEPTH(m)	GRAPHIC LOG	SOIL/ROCK MATERIAL FIELD DESCRIPTION	WEATHERING	INFERRED STRENGTH Is(50) MPa	AVERAGE DEFECT SPACING mm	STRUCTURE AND ADDITIONAL OBSERVATIONS
									EL 0.03 VL 0.1 ML 0.3 MH 1 VH 3 EH 10	50 100 300 1000 3000		
					-18							
					-17	1		COMMENCE CORING AT 1.2 m CORE LOSS				
NMLC	Nil		65	0	1.70	2		META-SANDSTONE: fine grained, grey-brown mottled red ... 2.15 m: quartz vein META-SILTSTONE: grey-green ... 2.4 m: red-brown mottled orange	MW XW	 	 	1.7 m - 2.2 m: highly fractured 2.05 m: J, 45°, P, S, quartz infill 5mm 2.6 m - 2.74 m: SPT, 30/140mm, Refusal
					-16			END OF BOREHOLE AT 2.74 m				
					-15	3						* Horizontal and vertical data determined by ground survey
					-14	4						
					-13	5						
					-12	6						
					-11	7						
					-10	8						
					-9	9						

This borehole log should be read in conjunction with Parsons Brinckerhoff's accompanying standard notes.

REPORT OF PHOTOGRAPHS



Borehole number: **UBH01**

Sheet 1 of 1

Client:	Department of Transport and Main Roads	Coordinates:	E 81339.42 N 62209.95	Depth range:	1.2 m – 2.74 m
Project:	Gold Coast Rapid Transit	Surface RL:	18.09 m AHD	Inclined length:	–
Borehole location:	Ch: 19355	Hole angle:	90 °	Drill model/mounting:	Hydrapower Scout
Project number:	2161016A	Bearing:	–	Borehole diameter:	75 mm

