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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH17

SHEET 1 OF 1

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Queen Street, Ch: 24491.7
 Project Number: 2161016A

Date Commenced: 11/3/10
 Date Completed: 11/3/10
 Recorded By: DS
 Log Checked By: *JMGK*

Drill Model/Mounting: Drillpower Hydrapower Scout Hole Angle: 90° Surface RL: 2.19 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 85143.91 N 60684.43 GCCC Grid*

Borehole Information						Field Material Description							
1	2	3	4	5	6	7	8	9	10	11	12	13	
METHOD	SUPPORT	WATER	RL(m) AHD*	DEPTH(m)	FIELD TEST	SAMPLE	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL FIELD DESCRIPTION	MOISTURE	RELATIVE DENSITY / CONSISTENCY	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
										VS FB VL SL FL	MD ST VST D H VD		
TC	C			2					TOPSOIL (Silty SAND): fine grained, dark brown, rootlets.	M			TOPSOIL
				0.20					FILL (Silty SAND): fine grained, dark brown and grey.				FILL
				0.40		D			FILL (SAND): fine grained, brown.				
				1		D							
				1.30		D		SC	Interlayered SAND and Clayey SAND: fine grained, grey, sand and dark brown clayey sand, low plasticity, organic rich fines.	W			ESTUARINE SEDIMENTS
				2	SPT 1,2,2 N=4	SPT							
				2.60				SW	SAND: fine grained, brown, fibrous organic matter.				
RAB				3	SPT 17,30 /120mm	SPT			META-SILTSTONE: fine grained, grey-green, extremely weathered, extremely low strength, Fe staining.				WEATHERED ROCK
				4									
				5	SPT 10,30 /140mm	SPT			... 4.8 m: Fe stained in SPT sample.				
				6	SPT 30 /65mm	SPT							
				7									
				8									
				9					... 9.2 m: highly weathered, very low strength.				
				10					... 9.7 m: colour change to grey.				
				11									
				12									
				13									

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END OF BOREHOLE AT 10.00 m
 This borehole log should be read in conjunction with Parsons Brinckerhoff's accompanying standard notes.

* Horizontal and vertical data determined by Ground Survey
 Limit of Investigation