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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH22A

SHEET 1 OF 1

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Gold Coast Highway, Ch: 30386.5
 Project Number: 2161016A

Date Commenced: 4/3/10
 Date Completed: 4/3/10
 Recorded By: DS
 Log Checked By: LM/L

Drill Model/Mounting: Drillpower Hydrapower Scout Hole Angle: 90° Surface RL: 2.38 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 85636.93 N 59738.1 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 ST L MD VST D H VD			
TC	C			2.045					TOPSOIL (Silty SAND): fine grained, grey-brown.	D			TOPSOIL
				1.0					FILL (SAND): fine grained, yellow-brown, trace organics.	M			FILL 0.5 m: fall in at start SPT 0.5 m: fall in
				0.0						W			
				2.70					SW SAND: fine grained, grey, trace organics.				ESTUARINE SEDIMENTS
WB				-1.0	SPT 1.0,0 N=0				... 3.8 m: shells				
				-4.0	SPT 3.2,5 N=7				... 4.5 m: clayey organic layers				
				-5.0					... 7.2 m: clay layer, black				
				-6.0					... 7.9 m: clay layer, black ... 8.1 m: fine to medium grained				
				-7.0					... 9.2 m - 9.25 m: fine to medium grained rounded gravel layer				* Horizontal and vertical data determined by Ground Survey Limit of Investigation

END OF BOREHOLE AT 10.00 m

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

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