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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH22

SHEET 1 OF 1

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Gold Coast Highway, Ch: 30388.5
 Project Number: 2161016A

Date Commenced: 26/2/10
 Date Completed: 26/2/10
 Recorded By: DS
 Log Checked By: LMK

Drill Model/Mounting: Drillpower Jackro 350 Hole Angle: 90° Surface RL: 2.38 m AHD*
 Borehole Diameter: 75 mm Bearing: --- Co-ords: E 85636.93 N 59740.13 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 MD VST VD H			
TC	Nil			0.20					TOPSOIL (Silty SAND): fine grained, dark brown and orange with trace wood fragments. FILL (SAND): fine grained, pale grey-brown, trace organics.	D			TOPSOIL
				2									FILL
				1	SPT 2,1,2 N=3	SPT				M			
				1									
				2	SPT 4,5,5 N=10	SPT							
				0						W			
				2.60				SW	SAND: fine to medium grained, grey, trace organics. ... 3.2 m: thin (<10mm) organic rich clay layer.				ESTUARINE SEDIMENTS
				3	SPT 0,1,1 N=2	SPT							
				-1									
				4	SPT 3,2,2 N=4	SPT							2m of fall in when augers back down @ 4m
				-2									
				5	SPT 2,3,5 N=8	SPT			... 4.9 m: trace shell fragments..				SPT: 0.5 m fall in on top of 5.0m SPT, sank under weight of hammer
				-3									
									END OF BOREHOLE AT 5.45 m				Limit of Investigation
				6									* Horizontal and vertical data determined by Ground Survey
				-4									
				7									
				-5									
				8									
				-6									
				9									
				-7									

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