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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH29

SHEET 1 OF 1

Client: **Department of Transport and Main Roads**
 Project: **Gold Coast Rapid Transit**
 Borehole Location: **Surfers Paradise Boulevard, Ch: 32780.6**
 Project Number: **2161016A**

Date Commenced: **19/3/10**
 Date Completed: **19/3/10**
 Recorded By: **NG**
 Log Checked By: *LMZ*

Drill Model/Mounting: **Drillpower Hydrapower Scout** Hole Angle: **90°** Surface RL: **5.87 m AHD***
 Borehole Diameter: **75 mm** Bearing: **---** Co-ords: **E 86134.79 N 57569.23 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	LD	ST	MD	VST	D	H	VD				
TC	Nil			0.25					ASPHALT	D			PAVEMENT MATERIALS
				0.45					FILL (Sandy GRAVEL): Fine to coarse gravel				
				5		D		SP	SAND: fine to medium grained, pale yellow.				BEACH SEDIMENTS
				1	SPT 4,5,5 N=10	SPT							SPT: 20 mm fall in.
				2		D							
				3	SPT 2,3,4 N=7	SPT				M			
				4		D			... 3.4 - 4.0 m: black discoloration in sand, possibly 'heavy minerals'				
				5	SPT 1,3,4 N=7	SPT							
				6	SPT 2,6,7 N=13	SPT							SPT: 50 mm fall in.
				6					END OF BOREHOLE AT 5.95 m	W			SPT: wet in bottom 100 mm.
				-1									Limit of Investigation
				-2									* Horizontal and vertical data determined by Ground Survey
				-3									
				-4									

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

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