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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH31

SHEET 1 OF 1

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Surfers Paradise Boulevard, Ch: 33745.3
 Project Number: 2161016A

Date Commenced: 29/3/10
 Date Completed: 29/3/10
 Recorded By: NG
 Log Checked By: LMK

Drill Model/Mounting: Drillpower Hydrapower Scout Hole Angle: 90° Surface RL: 5.87 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 86230.31 N 56613.04 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
AS	C									VS FB VL SL FL ST VST H VD			
				0.10					TOPSOIL: 100mm, grass and soil. FILL (SAND): medium grained, brown, some cobbles and broken pipe fragments.	D			TOPSOIL FILL
				5	SPT 1,1 /250mm	SPT							
				2.00				SP	SAND: medium grained, pale brown to pale yellow.				BEACH SEDIMENTS
				3	SPT 2,2,4 N=6	SPT							
				4.30	SPT 1,2,3 N=5	SPT			... black 'heavy mineral' lamination.				
				5.80	SPT 1,4,18 N=22	SPT			... black 'heavy mineral' lamination.	D-M			
WB				6									Borehole continued for installation of piezometer
				7									
				8									
				9									
				10									

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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