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# BOREHOLE ENGINEERING LOG

BOREHOLE NO.

## RTBH33

SHEET 1 OF 1

Client:	Department of Transport and Main Roads	Date Commenced:	26/3/10
Project:	Gold Coast Rapid Transit	Date Completed:	26/3/10
Borehole Location:	Gold Coast Highway, Ch: 35759.5	Recorded By:	NG
Project Number:	2161016A	Log Checked By:	<i>LMeek</i>

Drill Model/Mounting:	Drillpower Hydrapower Scout	Hole Angle:	90°	Surface RL:	4.54 m AHD*
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 86250.15 N 54620.84 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	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 S F L MD ST VD H			
				0.05				<b>TOPSOIL (Sand):</b> medium grained with grass rootlets. <b>FILL:</b> old pavement material include bitumen, cement, stabilised subgrade and sand.				TOPSOIL FILL
				4								
				0.70			SP	<b>SAND:</b> medium grained, pale brown to pale yellow.	M			BEACH SEDIMENTS
				1	SPT 8,8,7 N=15							
				2								
				2	SPT 1,3,3 N=6							
				3								
				4	SPT 4,14,22 N=36							
				5					W			
				6	SPT 2 /500mm							SPT: Probable sand 'boiling' or fall in. Borehole continued for installation of piezometer
				7								
				8								
				9								
				10								
				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.