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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH15

SHEET 1 OF 1

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Nerang Street, Ch: 23535.2
 Project Number: 2161016A

Date Commenced: 24/2/10
 Date Completed: 24/2/10
 Recorded By: NG
 Log Checked By: *LML*

Drill Model/Mounting: Drillpower Jackro 350 Hole Angle: 90° Surface RL: 8.81 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 84677.34 N 61298.63 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 D H VD			
TC	Nil			0.10					ASPHALT FILL (Silty GRAVEL): fine to coarse grained, grey-brown.	D			PAVEMENT MATERIALS
				0.50				CH	Silty CLAY : medium plasticity, dark brown and grey mottled red, trace of fine to medium grained quartz fragments.				RESIDUAL SOIL
				1.60	SPT 2,3,6 N=9	SPT			META-SILTSTONE : grey-white with orange and brown staining in parts, extremely weathered, extremely low strength.				WEATHERED ROCK
				2									
				6	SPT 5,20,30 /120mm	SPT							
				3									
				5									
				4	SPT 4,18,25 N=43	SPT			... 4.0 m: bands of meta-sandstone consistency of very stiff to hard Sandy clay.				
				4									
				5									
				6	SPT 12,30 /140mm	SPT			... 5.5 m: bands of meta-sandstone consistency of very stiff to hard Sandy clay.				
				6									
				2									
				7	SPT 30,30 /90mm	SPT							
				1									
				8									
				0									
				9					END OF BOREHOLE AT 9.00 m				Limit of Investigation * Horizontal and vertical data determined by Ground Survey
				-1									

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