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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH01

SHEET 1 OF 2

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Olsen Avenue, Ch: 19063.8
 Project Number: 2161016A

Date Commenced: 4/2/10
 Date Completed: 4/2/10
 Recorded By: NG
 Log Checked By: *LMK*

Drill Model/Mounting: Drillpower Jackro 350 Hole Angle: 90° Surface RL: 20.53 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 81425.1 N 62384.52 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	Nil									VS FB VL L S F ST MD VST D H VD			
AS	Nil			20				CL	CLAY: medium plasticity, brown, with fine grained sand	MC<PL			RESIDUAL SOIL
				19	SPT 3,7,8 N=15	SPT							
WB	M			1.70					META-SILTSTONE: yellow, extremely weathered, extremely low strength, Fe staining	D			WEATHERED ROCK
				2					... 2.3 m colour change to pale brown				
				18	SPT 15,30 /110mm	SPT							
				3									
				17									
				4	SPT 8,17,20 N=37	SPT							
				16									
				5									
				15	SPT 15,23,30 /130mm	SPT							
				6									
				14									
				7	SPT 30 /130mm	SPT			... 7.0 m sandy lenses recovered				
				13									
				8									
				12	SPT 4,9,18 N=27	SPT			... 8.5 m colour change to pale grey with brown and yellow staining				
				9									
				11					... 9.5 m colour change to pale brown				

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH01

SHEET 2 OF 2

Client:	Department of Transport and Main Roads	Date Commenced:	4/2/10
Project:	Gold Coast Rapid Transit	Date Completed:	4/2/10
Borehole Location:	Olsen Avenue, Ch: 19063.8	Recorded By:	NG
Project Number:	2161016A	Log Checked By:	<i>ZMK</i>

Drill Model/Mounting:	Drillpower Jackro 350	Hole Angle:	90°	Surface RL:	20.53 m AHD*
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 81425.1 N 62384.52 GCCC Grid*

Borehole Information						Field Material Description										
1	2	3	4	5	6	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	VD	
					SPT 12,20,30 /125mm	SPT	---	---	META-SILTSTONE: yellow, extremely weathered, extremely low strength, Fe staining <i>(continued)</i>	D						
				-10					END OF BOREHOLE AT 10.43 m							
				11												
				9												
				12												
				8												
				13												
				7												
				14												
				6												
				15												
				5												
				16												
				4												
				17												
				3												
				18												
				2												
				19												
				1												

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