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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH02

SHEET 1 OF 2

Client: Department of Transport and Main Roads
 Project: Gold Coast Rapid Transit
 Borehole Location: Olsen Avenue, Ch: 19137.9
 Project Number: 2161016A

Date Commenced: 5/2/10
 Date Completed: 5/2/10
 Recorded By: NG
 Log Checked By: *L MCK*

Drill Model/Mounting: Drillpower Jackro 350 Hole Angle: 90° Surface RL: 22.04 m AHD*
 Borehole Diameter: 100 mm Bearing: --- Co-ords: E 81378.6 N 62326.68 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 L ST MD VST D H VD			
AS	Nil			21	SPT 3,5,7 N=12	SPT		CL	SILTY CLAY: medium plasticity, pale grey with orange mottled brown	MC<PL			RESIDUAL SOIL
WB	M			20	SPT 30 /130mm	SPT			META-SILTSTONE: pale grey mottled yellow and red, extremely weathered, extremely low strength	M			WEATHERED ROCK
				19									
				18	SPT 30 /140mm	SPT							
				17									
				16	SPT 21,30 /140mm	SPT			... 5.6 m: weathered in parts to consistency of a hard clay, medium plasticity				
				15	SPT 16,30,30 /120mm	SPT							
				14									
				13	SPT 17,30 /130mm	SPT			... 8.5 m: increase in yellow and red staining				

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

RTBH02

SHEET 2 OF 2

Client:	Department of Transport and Main Roads	Date Commenced:	5/2/10
Project:	Gold Coast Rapid Transit	Date Completed:	5/2/10
Borehole Location:	Olsen Avenue, Ch: 19137.9	Recorded By:	NG
Project Number:	2161016A	Log Checked By:	<i>JMK</i>

Drill Model/Mounting:	Drillpower Jackro 350	Hole Angle:	90°	Surface RL:	22.04 m AHD*
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 81378.6 N 62326.68 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	VD	
										S	F	L	H	
										ST	MD	VST	D	
				11	SPT	SPT			END OF BOREHOLE AT 10.10 m					Limit of Investigation
				12	30									* Horizontal and vertical data determined by Ground Survey
				13	/100mm									
				14										
				15										
				16										
				17										
				18										
				19										

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