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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH10

SHEET 1 OF 2

Client:	QUEENSLAND DEPARTNENT OF MAIN ROADS	Date Commenced:	28/8/00
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	28/8/00
Borehole Location:	TUGUN	Recorded By:	AB
Project Number:	2134070A	Log Checked By:	DAW

Drill Model/Mounting: DALY 1000 TRUCK MOUNTED Hole Angle: 90° Surface RL: 1.22 m AHD
Borehole Diameter: 100 mm Bearing: --- Co-ords: E 50770 N 86921 PMG

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 (VS S F ST VST H / VL L MD D VD FB)	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
TC	C		1 / 0.30					SAND: fine grained, brown-grey, with rootlets.	M			FILL - grass cover
							ML	Clayey SILT: medium plasticity, dark brown-black, with large amounts of organic matter.				TOPSOIL
		▼	0.70 / 1	0,1,1 N=2	SPT		SP	SAND: fine to medium grained, pale grey.				ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
			0	3,5,4 N=9	SPT				W			
				0,1,2 N=3	SPT							
			-1 / 2	0,0,2 N=2	SPT							
WB	M			0,0,0 N=0	SPT							
			-2 / 3									
			-3 / 4	1,1,1 N=2	SPT							
			5.00 -5				SM	Cemented Silty SAND (Coffee Rock):fine grained, dark brown.	M			
			-4 / 5.40				SP	SAND: fine to medium grained, dark orange-brown, with cemented bands.	W			
				1,1,3 N=4	SPT							
			6 / -5					... 6.2-6.4m: slightly cemented band.				
								... 6.6-6.8m: slightly cemented band.				
			7 / -6	6,10,13 N=23	SPT							
			8 / -7					... slightly cemented band.				
				9,8,12 N=20	SPT							
			9 / -8									

Parsons Brinckerhoff Australia Pty Ltd. Version 5.1 ENGINEERING BOREHOLE LOG 2134070A 2323 - BH.GPJ GEOTECH.GDT 15/8/05

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

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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH10

SHEET 2 OF 2

Client:	QUEENSLAND DEPARTNENT OF MAIN ROADS	Date Commenced:	28/8/00
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	28/8/00
Borehole Location:	TUGUN	Recorded By:	AB
Project Number:	2134070A	Log Checked By:	DAW

Drill Model/Mounting: DALY 1000 TRUCK MOUNTED Hole Angle: 90° Surface RL: 1.22 m AHD
Borehole Diameter: 100 mm Bearing: --- Co-ords: E 50770 N 86921 PMG

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 (VS FB, S VL, F L, ST MD, VST D, H VD)	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
WB			-9	12,22,26 N=48	SPT		SP	**SAND:** fine to medium grained, dark orange-brown, with cemented bands *(continued)*	W			
			11 / 11.10					... slightly cemented band.				
			-10 / 11.30				SP	**SAND:** fine grained, pale brown, slightly cemented.				
				23,10,R /45mm	SPT		SM	**Cemented Silty SAND (Coffee Rock):** fine grained, dark brown.	M			
			12 / 12.10 -11				SP	**SAND:** fine to medium grained, orange brown.	W			
			13.00 -12				SM	**Cemented Silty SAND (Coffee Rock):** fine grained, dark brown.	M			
			14 -13 / 14.40				SP	**SAND:** fine to medium grained, orange brown.	W			
				5,6,5 N=11	SPT							
			15 -14					END OF BOREHOLE AT 14.95 m				
			16 -15									
			17 -16									
			18 -17									
			19 -18									

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

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