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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH11

SHEET 1 OF 2

Client:	QUEENSLAND DEPARTNENT OF MAIN ROADS	Date Commenced:	5/9/00
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	5/9/00
Borehole Location:	TUGUN	Recorded By:	AB
Project Number:	2134070A	Log Checked By:	OAW

Drill Model/Mounting: DALY 1000 TRUCK MOUNTED Hole Angle: 90° Surface RL: 0.65 m AHD

Borehole Diameter: 100 mm Bearing: --- Co-ords: E 51570 N 86797 PMG

Borehole Information / Field Material Description

1 METHOD	2 SUPPORT	3 WATER	4 RL(m) AHD / DEPTH(m)	5 FIELD TEST	6 SAMPLE	7 GRAPHIC LOG	8 USC SYMBOL	9 SOIL/ROCK MATERIAL FIELD DESCRIPTION	10 MOISTURE	11 RELATIVE DENSITY / CONSISTENCY (VS S FB VL L MD D VST VD H)	12 HAND PENETROMETER (kPa)	13 STRUCTURE AND ADDITIONAL OBSERVATIONS
TC	C		0.30 / 0.60				SP	SAND: fine to medium grained, dark brown-grey, with rootlets.	M			TOPSOIL- grass cover
		▼					SP	SAND: fine to medium grained, pale brown.				ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
			0	0,5,14 N=19	SPT		SP	SAND: fine to medium grained, grey-green, with large amounts of shells.	W			
WB	M		0.80 / 1	8,20 /N>20mm	SPT		SP	SAND: fine to medium grained, dark brown, slightly cemented.				
			-1	20,17 /N>17mm	SPT							
			1.85 / 2				SP	SAND: fine grained. dark brown.				
			-2	18,29 /N>29mm	SPT							
			3				SW	SAND: fine to coarse grained, dark brown, with cemented bands (200m).				
			-3									
			4	15,24 /N>24mm	SPT							
			-4									
			5									
			-5									
			6									
			-6									
			7	25 /N>25mm	SPT							
			-7									
			8									
			-8									
			8.00 -9				SW	SAND: fine to coarse grained. brown-orange.				
			-9									

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

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

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BOREHOLE ENGINEERING LOG

BOREHOLE NO. **BH11**

SHEET 2 OF 2

Client:	QUEENSLAND DEPARTNENT OF MAIN ROADS	Date Commenced:	5/9/00
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	5/9/00
Borehole Location:	TUGUN	Recorded By:	AB
Project Number:	2134070A	Log Checked By:	DNW

Drill Model/Mounting: DALY 1000 TRUCK MOUNTED Hole Angle: 90° Surface RL: 0.65 m AHD

Borehole Diameter: 100 mm Bearing: --- Co-ords: E 51570 N 86797 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			10.25	7,7,5 N=12	SPT		SW	SAND: fine to coarse grained, brown-orange. *(continued)*	W			
							SM	Silty SAND: fine to medium grained, green-brown.				
				3,6,10 N=16	SPT			... becoming grey.				
				2,6,10 N=16	SPT							
								END OF BOREHOLE AT 16.45 m				

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

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

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