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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH21B

SHEET 1 OF 1

Client: QUEENSLAND DEPARTMENT OF MAIN ROADS
Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION
Borehole Location: TUGUN
Project Number: 2134070A

Date Commenced: 13/5/03
Date Completed: 15/5/03
Recorded By: MCM
Log Checked By: DAW

Drill Model/Mounting: JACRO 350
Borehole Diameter: 120 mm

Hole Angle: 90° Surface RL: 0.86 m AHD
Bearing: --- Co-ords: E 51039 N 86895 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	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
WB	M	▼						SP	Silty SAND: medium to coarse grained, grey.	W	VS FB VL SL FL ST MD VST D H VD		FILL
			0										
			1										
			-1		SPT 1,2,1 N=3	D							
			2										
			2.50					SM	Cemented Silty SAND (Coffee Rock): medium to coarse grained, dark brown to black.				ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
			-2										Strong odour
			3		SPT 14,19,21 N=40	D							
			-3										
			4										
			-4		SPT 20,30,36 N=66	D							
			5										
			-5										
			6		SPT 15,26,32 N=58	D							
			-6										
			7										
			-7		SPT 8,17,R /100mm	D							8, 17, 30 blows/100mm
			8										
			-8										
			9						Hole abandoned at 9m due to local flooding. END OF BOREHOLE AT 9.00 m				
			-9										

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

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