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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

MB12

SHEET 1 OF 1

Client: QUEENSLAND MAIN ROADS

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Borehole Location: Boyd Street track

Project Number: 2134070C

Date Commenced: 21/6/05

Date Completed: 21/6/05

Recorded By: HEB

Log Checked By:

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 3.7 m AHD

Borehole Diameter: 120 mm

Bearing: —

Co-ords: E 49053 N 88468.8 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	STRUCTURE AND ADDITIONAL OBSERVATIONS
									VS FB SL ST H	VL J MD VST D	H VD	
TC	C		0.10						Clayey SAND: dark brown to black, with rootlets and organics. Clayey SAND: pale orange to grey, sub-angular, with medium grained sand and gravel.	M		TOPSOIL FILL
			3									
			1									
			1.20					SC	Clayey SAND: fine to medium grained sand, grey-brown with organic matter.	W		ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
			2		SPT 4,5,5 N=10	SPT						
WB	M		2.00-2					SM	Cemented Silty SAND (Coffee Rock): medium to fine grained sand, dark brown.			
			1									
			3		SPT 11,12,11 N=23	SPT						
			0									
			4									
			-1		SPT 20 (150mm)	SPT						Hammer bouncing.
			5									
			-2									
			4.00-6		SPT 8,14,15 N=29	SPT			... becoming brown.			
			-3						END OF BOREHOLE AT 6.45 m			
			7									
			-4									
			8									
			-5									
			9									
			-6									

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