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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

MB2

SHEET 1 OF 1

Client: QUEENSLAND MAIN ROADS

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Borehole Location: North-east of tunnel

Project Number: 2134070C

Date Commenced: 6/6/05

Date Completed: 7/6/05

Recorded By: MCM

Log Checked By: *dan*

Drill Model/Mounting: LEWIS 350 TRACKED RIG

Hole Angle: 90°

Surface RL: 2.4 m AHD

Borehole Diameter: 100 mm

Bearing: —

Co-ords: E 50726.9 N 87129.4 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 VL SL ST MD VST D H VD	HAND PENETROMETER (kPa)	
TC	Nil	M	0.30	2				SW	Gravelly SAND: medium grained, pale yellow-orange, fine to medium grained gravel.	D		FILL
								SP	SAND: medium grained, dark grey.			
WB	M		1	1	5.6.7 N=13	SPT				M		ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
			0	3	3.8,10 N=18	SPT		SM	Cemented Silty SAND (Coffee Rock): medium grained, dark brown.	W		
			-1	4	13,14,12 N=26	SPT						
			-2	5	15,13,17 N=30	SPT						
			-3	6								
			-4	7								
			-5	8								
			-6	9								
			-7									
END OF BOREHOLE AT 6.45 m												

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