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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

MB8

SHEET 1 OF 2

Client: QUEENSLAND MAIN ROADS

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Borehole Location: West of tunnel

Project Number: 2134070C

Date Commenced: 3/8/05

Date Completed: 3/8/05

Recorded By: DM/DAW

Log Checked By:

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 0.4 m AHD

Borehole Diameter: 100 mm

Bearing: —

Co-ords: E 50822.1 N 86737.4 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	LD	ST	VD	VS	FB	VL	LD	ST	VD	
TC	C							SM	Silty SAND: medium grained, dark brown.	M		TOPSOIL
								SP	SAND: fine to medium grained, pale grey.	W		ESTUARINE/ FLOODPLAIN/TIDAL DELTA DEPOSITS
	M				SPT 2.2,1 N=3	SPT						
WB												
					SPT 2.1,1 N=2	SPT		CH	sandy CLAY: high plasticity, pale grey. fine grained sand			
					SPT 3.5,8 N=11	SPT		SP	Cemented Silty SAND (Coffee Rock): medium grained, dark brown.			
					SPT 3.8,11 N=19	SPT						
					SPT 8.8,6 N=14	SPT						
					SPT 20,16,13 N=29	SPT						

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

MB8

SHEET 2 OF 2

Client: QUEENSLAND MAIN ROADS

Date Commenced: 3/8/05

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Date Completed: 3/8/05

Borehole Location: West of tunnel

Recorded By: DM/DAW

Project Number: 2134070C

Log Checked By: JAW

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 0.4 m AHD

Borehole Diameter: 100 mm

Bearing: —

Co-ords: E 50822.1 N 86737.4 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	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
WB								SP	Cemented Silty SAND (Coffee Rock): medium grained, dark brown. (continued)	W			
			-10		SPT 7,9,10 N=19	SPT							
			-11						END OF BOREHOLE AT 10.95 m				
			-12										
			-13										
			-14										
			-15										
			-16										
			-17										
			-18										
			-19										

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