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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH27

SHEET 1 OF 3

Client: QUEENSLAND MAIN ROADS

Date Commenced: 11/5/05

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Date Completed: 12/5/05

Borehole Location: Noise Structure

Recorded By: DAW

Project Number: 2134070C

Log Checked By: JAW

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 18.4 m AHD

Borehole Diameter: 100 mm

Bearing: —

Co-ords: E 47631.1 N 89663.9 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	SOIL/ROCK MATERIAL FIELD DESCRIPTION	MOISTURE	RELATIVE DENSITY / CONSISTENCY	HAND PENETROMETER (MPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
VS	FB	VL	ST	NO	VS	FB	VL		VS	FB	VL	
RAB	C		18					GREYWACKE: fine to medium grained, grey-brown, highly weathered, very low strength.				WEATHERED ROCK
								... as above, grey, moderately weathered, low to medium strength.				
				1	SPT 10 /10mm	SPT		... as above, dark grey, moderate to slightly weathered, low to medium strength.				1.01m, Hammer bouncing No sample recovered.
			17					... as above, high strength.				
			2					REFER TO CORED BOREHOLE LOG				
			16									
			3									
			15									
			4									
			14									

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

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CORED BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH27

SHEET 3 OF 3

Client:

Project:

Borehole Location:

Project Number:

QUEENSLAND MAIN ROADS

TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Noise Structure

2134070C

Date Commenced:

Date Completed:

Recorded By:

Log Checked By:

11/5/05

12/5/05

DAW

Drill Model/Mounting:

Hole Angle:

Surface RL:

Borehole Diameter:

Bearing:

Co-ords:

HYDRAPOWER SCOUT 250

90°

18.4 m AHD

100 mm

E 47631.1 N 89663.9 PMG

Borehole Information						Field Material Description					
1	2	3	4	5	6	7	8	9	10	11	12
METHOD	SUPPORT	WATER	CORE RECOVERY	RQD	RL(m) AHD	DEPTH(m)	SOIL/ROCK MATERIAL FIELD DESCRIPTION	WEATHERING	INFERRED STRENGTH ln(50) MPa	AVERAGE DEFECT SPACING mm	STRUCTURE AND ADDITIONAL OBSERVATIONS
NMLC			95	0			GREYWACKE: fine grained, grey-brown, iron stained.(continued)	MW			5.17m, J, 20°, rough, planar.
			73	29		13		HW			
						6					
			100	24		12		MW			
							END OF BOREHOLE AT 6.63 m				
						7					
						11					
						8					
						10					
						9					
						9					

This borehole log should be read in conjunction with Parsons Brinckerhoffs accompanying standard notes.

Project: **Tugun Bypass Geotechnical Investigation**
Borehole: **BH27**
Start Depth: 2.00m
Finish Depth: 6.63m

