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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH36

SHEET 1 OF 3

Client:	QUEENSLAND MAIN ROADS	Date Commenced:	25/5/05
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION	Date Completed:	25/5/05
Borehole Location:	Property Access Bridge over Cut; Abutment A RHS;	Recorded By:	AO
Project Number:	2134070C	Log Checked By:	DAW

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 51.7 m AHD

Borehole Diameter: 100 mm

Bearing: ---

Co-ords: E 48194.6 N 89239.5 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 (NPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
RAB	Nit	OVERFLOW						ARGILLITE: light grey with orange iron staining, highly weathered, very low strength, some fine to coarse grained greywacke interbeds throughout, thinly foliated, highly fractured throughout.	D			WEATHERED ROCK
			51									
			1									
			50		SPT 5 /20mm	SPT						
			2									
			49									
			3		SPT 5 /0mm	SPT						No penetration / no recovery.
			48									
			4									
			47		SPT 30 /120mm	SPT						
			5									
			46									
			6		SPT 30 /110mm	SPT						
			45									
			7									
			44		SPT 30 /90mm	SPT		... no greywacke interbeds or laminae.				
			8									
			43									
			0					REFER TO CORED BOREHOLE LOG				No penetration / no recovery.
			42									

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



CORED BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH36

SHEET 2 OF 3

Client: QUEENSLAND MAIN ROADS

Date Commenced: 25/5/05

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Date Completed: 25/5/05

Borehole Location: Property Access Bridge over Cut; Abutment A RHS;

Recorded By: AO

Project Number: 2134070C

Log Checked By: *AO*

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 51.7 m AHD

Borehole Diameter: 100 mm

Bearing: ---

Co-ords: E 48194.6 N 89239.5 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)	GRAPHIC LOG	SOIL/ROCK MATERIAL FIELD DESCRIPTION	WEATHERING	INFERRED STRENGTH (MPa)	AVERAGE DEFECT SPACING (mm)	STRUCTURE AND ADDITIONAL OBSERVATIONS
									EL 0.03 VL 0.3 JL 0.3 ML 1 NL 3 HT 10 UT	30 100 300 1000 3000		
					51	1						
					50	2						
					49	3						
					48	4						
					47	5						
					46	6						
					45	7						
					44	8						
					43							
NMLC	Nil		0	0		0		COMMENCE CORING AT 9 m CORE LOSS				
					42							

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

Project: Tugun Bypass Geotechnical Investigation
Borehole: BH36
Start Depth: 9.00m
Finish Depth: 14.50m

