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Client:	QUEENSLAND MAIN ROADS
Project:	TUGUN BYPASS GEOTECHNICAL INVESTIGATION
Borehole Location:	Noise Structure
Project Number:	2134070C

Date Commenced: 11/5/05
Date Completed: 11/5/05
Recorded By: HEB
Log Checked By: *Don*

Drill Model/Mounting: LEWIS 350 TRACKED RIG

Hole Angle: 90°

Surface RL: 27.2 m AHD

Borehole Diameter: 100 mm

Bearing: ---

Co-ords: E 47701.1 N 89459.8 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	HAND PENETROMETER (kPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
VS	FB	VL	SL	MD	ST	D	VS	D	H	VS	D	H	
WB	M							CH	CLAY: high plasticity, orange-brown.			500-600	RESIDUAL SOIL
				27									
				1									
				26									
				1.50									
				30		SPT			Interbedded ARGILLITE and GREYWACKE: fine to medium grained, grey, orange and red-orange mottling, extremely to highly weathered, extremely low to very low strength.				WEATHERED ROCK
				60mm					fine to medium grained, grey, orange and red-orange mottling, extremely to highly weathered, extremely low to very low strength.				SPT hammer bouncing.
				2									
				25					... becoming mottled pale orange and grey.				
				3									
				25.20		SPT			... becoming orange, red-orange, cream and brown mottled.				SPT hammer bouncing after 20 blows.
				80mm									
				24									
				4									
				23									
				19.20		SPT			... becoming mottled pale grey and pale red.				
				100mm									

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH29

SHEET 3 OF 3

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Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Date Completed: 11/5/05

Borehole Location: Noise Structure

Recorded By: HEB

Project Number: 2134070C

Log Checked By: *DAW*

Drill Model/Mounting: LEWIS 350 TRACKED RIG

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Bearing: ---

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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 L ST MD SST H VD	HAND PENETROMETER (kPa)	
				25 17 11 16 12 15 13 14 14 13					END OF BOREHOLE AT 10.06 m			
This borehole log should be read in conjunction with Parsons Brinckerhoff's accompanying standard notes.												