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

Date Commenced: 13/5/05
Date Completed: 13/5/05
Recorded By: DAW
Log Checked By: *[Signature]*

Drill Model/Mounting:	HYDRAPOWER SCOUT 250	Hole Angle:	90°	Surface RL:	8.7 m AHD
Borehole Diameter:	100 mm	Bearing:	---	Co-ords:	E 47569.6 N 89707.4 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	
RAB	Nil							CL	Silty CLAY: low to medium plasticity, brown mottled dark grey and dark red, with coarse angular gravel.	MC>PL			ESTUARINE/FLOODPLAIN/TIDAL DELTA DEPOSITS	
				8										
				1	SPT 3,5,7 N=12	SPT						320 330 340		% passing 0.425mm=93% % passing 0.075mm=73%
				7										
				2					... with fine grained sand.	MC<PL				
				6	SPT 5,8,7 N=15	SPT						340 360 340	MC=14.8% LL=38% PI=22% LS=9.5%	
				3										
				5				SW	Sandy SILT: low plasticity, grey with fine to coarse grained sand.	M			Noticable change with cuttings.	
				4	SPT 4,6,8 N=14	SPT							% passing 0.425mm=94% % passing 0.075mm=63%	
				4										

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH26

SHEET 2 OF 2

Client: QUEENSLAND MAIN ROADS

Project: TUGUN BYPASS GEOTECHNICAL INVESTIGATION

Borehole Location: Noise Structure

Project Number: 2134070C

Date Commenced: 13/5/05

Date Completed: 13/5/05

Recorded By: DAW

Log Checked By:

Drill Model/Mounting: HYDRAPOWER SCOUT 250

Hole Angle: 90°

Surface RL: 8.7 m AHD

Borehole Diameter: 100 mm

Bearing: ---

Co-ords: E 47569.6 N 89707.4 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 VS VL SL FL ST MD VST D H VD	HAND PENETROMETER (kPa)	
RAB				3	SPT 5,8,12 N=20	SPT		SW	Sandy SILT: low plasticity, grey with fine to coarse grained sand. (continued)	M		
				6								
				8.40								
				2				CL	Silty CLAY: low to medium plasticity, grey mottled brown, fine to coarse angular gravels of Greywacke.	MC<PL		
				7	SPT 11,14,16 N=30	SPT						
				1								
				8								
				0								
				9								
				11	SPT 11 150mm	SPT			END OF BOREHOLE AT 9.55 m			Hammer Bouncing.

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