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BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH74

SHEET 1 OF 2

Client: QUEENSLAND DEPARTMENT OF MAIN ROADS
Project: TUGUN BYPASS
Borehole Location: WEST ABUTMENT - NORTH; STEWART ROAD, CURRUMBIN
Project Number: 2134070A-1352

Date Commenced: 6/5/03
Date Completed: 6/5/03
Recorded By: JM
Log Checked By: *[Signature]*

Drill Model/Mounting: H/POWER SCOUT

Hole Angle: 90°

Surface RL: 2.4 m

Borehole Diameter: 100 mm

Bearing: —

Co-ords: E 47533 N 90182

Borehole Information						Field Material Description						
1	2	3	4	5	6	7	8	9	10	11	12	13
METHOD	SUPPORT	WATER	RL(m)	DEPTH(m)	FIELD TEST	SAMPLE	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL FIELD DESCRIPTION	MOISTURE	RELATIVE DENSITY / CONSISTENCY	STRUCTURE AND ADDITIONAL OBSERVATIONS
TC	NH											
				0.30					TOPSOIL (CLAYEY SAND): fine grained, dark grey.	M		TOPSOIL
				2				SW	SILTY SAND: fine grained, pale grey with brown mottling, well graded.	W		ESTUARINE SEDIMENT
				1.70	2,3,3 N=6	SPT		SW	CLAYEY SAND: fine grained, pale grey, well graded.			
				3	4,5,8 N=13	SPT						
				4.00				SW	SILTY SAND: fine grained, pale brown, well graded.			
				5	3,5,7 N=12	SPT						
				6	11,R /150mm	SPT						11, 30 blows/150mm
				7								
				10,20,27 N=47	SPT				... colour change to pale grey.			

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



BOREHOLE ENGINEERING LOG

BOREHOLE NO.

BH74

SHEET 2 OF 2

Client: QUEENSLAND DEPARTMENT OF MAIN ROADS
Project: TUGUN BYPASS
Borehole Location: WEST ABUTMENT - NORTH; STEWART ROAD, CURRUMBIN
Project Number: 2134070A-1352

Date Commenced: 6/5/03
Date Completed: 6/5/03
Recorded By: JM
Log Checked By: *[Signature]*

Drill Model/Mounting: H/POWER SCOUT
Borehole Diameter: 100 mm

Hole Angle: 90° Surface RL: 2.4 m
Bearing: — Co-ords: E 47533 N 90182

Borehole Information						Field Material Description							
1	2	3	4	5	6	7	8	9	10	11	12	13	
METHOD	SUPPORT	WATER	RL(m)	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
TC								SW	SILTY SAND: fine grained, pale brown, well graded. (continued)	VS FB VL L MO ST D H VO			
				6									
				6.70									
				9	2,3,4 N=7	SPT		SC	SANDY CLAY: medium plasticity, grey with yellow-brown mottling.				RESIDUAL SOIL
				7									
				10									
				8					... colour change to pale grey.				
				11	8,9,13 N=22	SPT							
				12									
				10	7,13,14 N=27	SPT							
									END OF BOREHOLE AT 12.45 m				
				13									
				11									
				14									
				12									
				15									
				13									

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