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## **BOREHOLE ENGINEERING LOG**

BOREHOLE NO.

**UBH01** 

SHEET 1 OF 2

22/2/10

22/2/10

DS

100 YEARS @

Borehole Location:

Client: Project: Department of Transport and Main Roads

**Gold Coast Rapid Transit** 

Project Number: 2161016A

Proposed University Hospital Station, Parklands Drive, Ch. 19307.5

90° Surface RL: 18.09 m AHD\*

Date Commenced:

Date Completed:

Log Checked By:

Recorded By:

Drill Model/Mounting: **Drillpower Hydrapower Scout** Hole Angle:

Borehole Diameter: 75 mm							n	Bearing: Co-ords: <b>E 81339.42 N 62209.95 GCCC Grid*</b>							
Borehole Information								Field Material Description							
F	1	2	3	4		5	6	7	8	9	- 1	10	11	12 °C	13
COLLEGE		SUPPORT	WATER	RL(m) AHD*	DEPTH(m)	FIELD TEST	SAMPLE	GRAPHIC LOG	USC SYMBOL	SOIL/ROCK MATERIAL FIELD DESCRIPTION		MOISTURE	RELATIVE DENSITY / CONSISTENCY  BL S S S S S S S S S S S S S S S S S S S	HAND PENETROMETER (KPa)	STRUCTURE AND ADDITIONAL OBSERVATIONS
Ī	С	Nil	z⊩0}ш	-18 - - - - -17		SPT 29,30 /50mm	SPT			META-SILTSTONE: pale grey mottled orange and brown, extremely weathered, extremely low strength  REFER TO CORED BOREHOLE LOG					WEATHERED ROCK
© Parsons Brinckerhoff Australia Pty Ltd. Version 5.1 ENGINEERING BOREHOLE LOG GCRT_BOREHOLES.GPJ GEOTECH_24-2-2006.GDT 25/5/10				- -16 - -15 - -14 - -13 - -12 - -11 - -10 - - - -	2	_/summ									
C Parsons Brincker				-	-	This b	oreho	ole log	shou	old be read in conjunction with Parsons Brinckerhoff	s ac	coi	mpanying s	tandard	notes.



Client:

Project:

## CORED BOREHOLE ENGINEERING LOG

BOREHOLE NO.

**UBH01** 

SHEET 2 OF 2

Department of Transport and Main Roads

Date Commenced: **Gold Coast Rapid Transit** Date Completed:

Borehole Location: Proposed University Hospital Station, Parklands Drive, Ch. 19307.5 Project Number: 2161016A

Recorded By: Log Checked By: 22/2/10 22/2/10 DS

My

								Hydrapower Scout Hole Angle			urface RL:	18.09 m AHD*
Bo	Borehole Diameter: 75 mm						1	Bearing:			o-ords:	E 81339.42 N 62209.95 GCCC Grid*
1	Borehole Information							8	Field N	Material D	escription	12
METHOD -	L		CORE 4		RL(m) AHD*	DEPTH(m)	GRAPHIC LOG	SOIL/ROCK MATERIAL FIELD DESCRIPTION	THERING	INFERRED STRENGTH Is(50) MPa	AVERAGE DEFECT SPACING mm	STRUCTURE AND ADDITIONAL OBSERVATIONS
5/10 NMLC	Nil	8	65	0	-18 - - - -17 - - - -16 -	1.70 - 2 - 2 15 2.20 - 2 40		COMMENCE CORING AT 1.2 m CORE LOSS  META-SANDSTONE: fine grained, grey-brown mottled red 2.15 m: quartz vein META-SILTSTONE: grey-green 2.4 m: red-brown mottled orange	Mw_xw			<ul> <li>1.7 m - 2.2 m: highly fractured</li> <li>2.05 m: J, 45°, P, S, quartz infill 5mm</li> <li>2.6 m - 2.74 m: SPT, 30/140mm, Refusal</li> </ul>
D Parsons Brinckerhoff Australia Pty Ltd. Version 5.1 ENGINEERING CORED BOREHOLE LOG GCRT_BOREHOLES.GPJ GEOTECH_24-2-2006.GDT 25/5/10					15 14 13 12 	3 - 3		END OF BOREHOLE AT 2.74 m				* Horizontal and vertical data determined by ground survey
Pars -	This borehole log should be read in conjunction with Parsons Brinckerhoff's accompanying standard notes.									ng standard notes.		

# REPORT OF PHOTOGRAPHS



Borehole number:

**UBH01** 

Sheet

of 1

Department of Client:

Transport and Main Roads

Coordinates:

E 81339.42 N 62209.95

Depth range:

1.2 m - 2.74 m

Project:

**Gold Coast** Rapid Transit

Surface RL:

18.09 m AHD

Inclined length:

Borehole location:

Ch: 19355

Hole angle:

90°

Drill model/mounting:

**Hydrapower Scout** 

Project number:

2161016A

Bearing:

Borehole diameter:

75 mm

