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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH602

SHEET 1 of 3

REFERENCE No 11571

PROJECT Townsville Ring Road Section 4 Dalrymple Overpass

LOCATION Dalrymple Overpass COORDINATES 467151.0 E; 7867010.6 N

PROJECT No FG 6020 SURFACE R.L. 16.61m PLUNGE _____ DATE STARTED 17/9/13 GRID DATUM MGA94 Zone 55

JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 18/9/13 DRILLER Cairns Drilling Pty Ltd

2013 TMR LIBRARY.GLB Log A. ENGINEERING BOREHOLE LOG W LITHOLOGY TOWNVILLE RING ROAD 4 DALRYMPLE OVERPASS BH601 - BH606.GPJ -<<DrawingFile>> D:\tagel\CPT Tool\gINT Add-In 26/11/2013 14:43

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH							DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS					
										EH	VH	H	M	J	VL	EL					20	60	200	600	2000
0	16.61																								
0	16.31					Sandy SILT (Topsoil): Pale grey to brown, dry, firm. Some tree roots.																			
1			(0)			Sandy SILT: Grey, brown, moist, hard.																			
1.4-1.8m						1.4-1.8m: Fine to medium grained, dense, Silty SAND bed.																			
2				85																					
3			(0)																						
4				100																					
5			(0)																						
6				100																					
7	10.21					Silty SAND: Pale grey, brown, moist, dense. Fine to coarse grained sand.																			
8	9.01			100																					
8					A																			8, 18, 24 N=42	
9	7.41					Sandy SILT: Pale grey to brown, moist, hard.																			
9					B																				
9						Silty SAND: Grey brown, moist, dense. Fine to medium grained sand.																			
10	6.61																								
10																									14, 18, 17 N=35

REMARKS _____

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MS

ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH602
SHEET 2 of 3
REFERENCE No 11571

PROJECT Townsville Ring Road Section 4 Dalrymple Overpass
LOCATION Dalrymple Overpass COORDINATES 467151.0 E; 7867010.6 N
PROJECT No FG 6020 SURFACE R.L. 16.61m PLUNGE DATE STARTED 17/9/13 GRID DATUM MGA94 Zone 55
JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 18/9/13 DRILLER Cairns Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)			GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
										EH	VH	H	M	J	VL	EL	20	60				200	600
10	6.61					Sandy SILT: Pale grey to brown, moist, hard.																	
11					C																11,21,27 N=48	SPT	
12																							
13					D																12,23,30/130 N>50	SPT	
14					E	Low content of sand.															8,18,29 N=47	SPT	
15							(ML)																
16					F	15.5-17.5m: Becoming very stiff, Clayey Sandy SILT.															7,12,17 N=29	SPT	
17					G	Becoming hard.															10,22,24 N=46	SPT	
18																							
19					H																13,30/140 N>50	SPT	
20																							

REMARKS _____

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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/6-2010

BOREHOLE No BH602
 SHEET 3 of 3
 REFERENCE No 11571

PROJECT Townsville Ring Road Section 4 Dalrymple Overpass
 LOCATION Dalrymple Overpass COORDINATES 467151.0 E; 7867010.6 N
 PROJECT No FG 6020 SURFACE R.L. 16.61m PLUNGE DATE STARTED 17/9/13 GRID DATUM MGA94 Zone 55
 JOB No HEIGHT DATUM AHD BEARING DATE COMPLETED 18/9/13 DRILLER Cairns Drilling Pty Ltd

2013 TMR LIBRARY:GLB Log A. ENGINEERING BOREHOLE LOG W LITHOLOGY TOWNSVILLE RING ROAD 4 DALRYMPLE OVERPASS BH601 - BH606.GPJ <<DrawingFile>> DatgeolCPT Tool.gINT Add-In 26/11/2013 14:43

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	H	M	J	VL				
20	-3.39																	
	-3.81				J	Sandy SILT: (Cont'd)		(ML)									11,22,30/120 N>50	
						Borehole terminated at 20.42m												
21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		

REMARKS _____

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CORE PHOTO LOG

DEPARTMENT OF TRANSPORT & MAIN ROADS
 Geotechnical Branch
 35 Butterfield Street, HERSTON Qld 4006
 Phone 07 3066 3336



Department of
 Transport and Main Roads

Project Name	Townsville Ring Road Section 4		
Project No	FG 6020	Date	17/09/13
Borehole No	BH 602	TMR H No	11571
Location	Dalrymple Overpass	Start Depth (m)	1.00
Detail		Finish Depth (m)	7.00
Chainage		Submitted By	J. Lopez
Remarks			

