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# ENGINEERING BOREHOLE LOG

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

BOREHOLE No   BH603    
SHEET   1   of   3    
REFERENCE No   11572  

PROJECT   Townsville Ring Road Section 4 Dalrymple Overpass    
LOCATION   Dalrymple Overpass   COORDINATES   467165.9 E; 7867028.2 N    
PROJECT No   FG 6020   SURFACE R.L.   16.55m   PLUNGE            DATE STARTED   16/9/13   GRID DATUM   MGA94 Zone 55    
JOB No            HEIGHT DATUM   AHD   BEARING            DATE COMPLETED   17/9/13   DRILLER   Cairns Drilling Pty Ltd  

DEPTH (m)	R.L. (m)	AUGER WASH BORING	RQD ( ) %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USC	WEATHERING						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
									EH	VH	H	M	J	VL				
0	16.55																	
0.25						<b>Sandy SILT (Topsoil):</b> Pale brown, dry, firm. Some tree and grass roots.												
0.5					A	<b>Sandy SILT:</b> Pale brown to grey, moist, hard.											13,23,29 N>50	SPT
1.5					B	Some fine to medium gravel.											9,17,22 N=39	SPT
2.5					C		(ML)										16,30/130 N>50	SPT
3.5					D												30/60 N>50	SPT
4.5					E												30/70 N>50	SPT
6.5	10.05				F	<b>Silty SAND:</b> Pale brown, yellow, moist, dense.  Fine to coarse grained sand.											12,21,26 N=47	SPT
7.5					G	Becoming very dense.	(SM)										15,27,30/110 N>50	SPT
9.5					H	Becoming dense. Colour change to pale grey-brown. Fine to medium grained sand.											9,16,25 N=41	SPT

REMARKS \_\_\_\_\_

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# ENGINEERING BOREHOLE LOG

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

BOREHOLE No   BH603    
SHEET   2   of   3    
REFERENCE No   11572  

PROJECT   Townsville Ring Road Section 4 Dalrymple Overpass    
LOCATION   Dalrymple Overpass   COORDINATES   467165.9 E; 7867028.2 N    
PROJECT No   FG 6020   SURFACE R.L.   16.55m   PLUNGE            DATE STARTED   16/9/13   GRID DATUM   MGA94 Zone 55    
JOB No            HEIGHT DATUM   AHD   BEARING            DATE COMPLETED   17/9/13   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 - BH606.GPJ <<DrawingFile>> Datagel CPT Tool gINT Add-In 26/11/2013 14:43

DEPTH (m)	R.L. (m)	AUGER WASH BORING	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				
10	6.55					<b>Silty SAND:</b> (Cont'd)												
11	5.55				J	<b>Sandy CLAY:</b> Pale grey to brown, moist, hard. Low plasticity.	(SM)									7,16,25 N=41	SPT	
12					K	High content of sand.	(CL)									10,22,27 N=49	SPT	
13					L	Becoming Silty CLAY.										9,17,26 N=43	SPT	
14					M	<b>Sandy SILT:</b> Pale grey, brown, moist, very stiff.										6,10,14 N=24	SPT	
15	1.45				N	Becoming hard. Low sand content.	(ML)									8,20,30/140 N>50	SPT	
16					P											10,21,30/130 N>50	SPT	
17																		
18																		
19																		
20																		

REMARKS \_\_\_\_\_

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# ENGINEERING BOREHOLE LOG

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

BOREHOLE No	<u>BH603</u>
SHEET	<u>3</u> of <u>3</u>
REFERENCE No	<u>11572</u>

PROJECT Townsville Ring Road Section 4 Dalrymple Overpass

LOCATION Dalrymple Overpass COORDINATES 467165.9 E; 7867028.2 N

PROJECT No FG 6020 SURFACE R.L. 16.55m PLUNGE \_\_\_\_\_ DATE STARTED 16/9/13 GRID DATUM MGA94 Zone 55

JOB No \_\_\_\_\_ HEIGHT DATUM AHD BEARING \_\_\_\_\_ DATE COMPLETED 17/9/13 DRILLER Cairns Drilling Pty Ltd

DEPTH (m)	R.L. (m)	AUGER WASH BORING	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			
20	-3.45					<b>Sandy SILT: (Cont'd)</b>		(ML)											10,16,26 N=42	SPT
	-3.90				Q															
21						Borehole terminated at 20.45m														
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				

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REMARKS \_\_\_\_\_

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