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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH607
SHEET 1 of 3
REFERENCE No H11576

PROJECT Townsville Ring Road Section 4
LOCATION Dalrymple Overpass COORDINATES 467195.9 E; 7867044.8 N
PROJECT No FG6020 SURFACE R.L. 16.61m PLUNGE DATE STARTED 9/10/13 GRID DATUM MGA94 Zone 55
JOB No 268/10M/5 HEIGHT DATUM AHD BEARING DATE COMPLETED 10/10/13 DRILLER Saxon

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				
0	16.61					Sandy SILT (Topsoil): Brown, dry, soft-firm. Some tree roots.												
16.31						Sandy SILT Pale brown, moist, hard.												
1					A											6,15,18 N=33	SPT	
2					B	Becoming very stiff.	(ML)									7,13,16 N=29	SPT	
3					C	Becoming hard.										10,27,30/70 N>50	SPT	
4	12.61				D	Silty SAND Brown, moist, very dense. Fine to medium grained sand.	(SM)									29,30/50 N>50	SPT	
5	11.71				E	Sandy SILT Brown to pale brown, moist, hard.										17,29,30/80 N>50	SPT	
6					F		(ML)									13,22,26 N=48	SPT	
7																		
8	8.46				G	Clayey SAND Grey brown, moist, very dense. Fine to coarse grained sand. Some fine medium gravel.										8,20,30/110 N>50	SPT	
9							(SC)											
10	6.61				H	Becoming dense.										14,19,21 N=40	SPT	

REMARKS _____

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BOREHOLE No BH607
SHEET 2 of 3
REFERENCE No H11576

PROJECT Townsville Ring Road Section 4
LOCATION Dalrymple Overpass COORDINATES 467195.9 E; 7867044.8 N
PROJECT No FG6020 SURFACE R.L. 16.61m PLUNGE DATE STARTED 9/10/13 GRID DATUM MGA94 Zone 55
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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
10	6.61					Sandy SILT Pale brown, moist, very stiff.													
11					J		(ML)										8,12,16 N=28	SPT	
12	4.61					Sandy CLAY Pale grey brown, moist, very stiff. Mainly intermediate plasticity.													
13					K													6,12,10 N=22	SPT
14					L	High content of sand. Becoming low plasticity												4,10,15 N=25	SPT
15					M	Low content of sand. Becoming intermediate to high plasticity.												5,8,8 N=16	SPT
16							(CI)												
17	0.11				N	Clayey SAND Yellow brown, moist, very dense. Fine to coarse grained sand.												23,30/90 N>50	SPT
18							(SC)												
19	-2.59				P	18.50-19.00m: Layer of hard, Sandy SILT.												14,20,27 N=47	SPT
20						Silty SAND Pale brown, moist, medium dense. Fine to medium grained sand.													
							(SM)												

REMARKS _____

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BOREHOLE No	<u>BH607</u>
SHEET	<u>3</u> of <u>3</u>
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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	-3.39					Silty SAND: (Cont'd)		(SM)										10,15,15 N=30	SPT
	-3.84				Q														
21						Borehole terminated at 20.45m													
22																			
23																			
24																			
25																			
26																			
27																			
28																			
29																			
30																			

2013 TMR LIBRARY:GLB Log A:ENGINEERING BOREHOLE LOG W LITHOLOGY TOWNSVILLE RING ROAD 4 DALRYMPLE OVERPASS BH607 - BH610.GPJ <<DrawingFile>> DatgeolCPT Tool.gINT Add-In 27/11/2013 09:03

REMARKS _____

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