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ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No BH123
SHEET 1 of 2
REFERENCE No 12069

PROJECT Mackay Ring Road Geotechnical Investigation - Stage 1
LOCATION Embankment; CH: 5882m; COORDINATES 720995.1 E; 7658236.2 N
PROJECT No FG6184 SURFACE R.L. 13.66m PLUNGE _____ DATE STARTED 24/9/14 GRID DATUM GDA 94 /MGA Zone 55
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 25/9/14 DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	AUGER CASING 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
0	13.66												
0.50	13.16					Clayey Sandy SILT (ALLUVIUM) Dark brown, moist, soft. Low plasticity.	(ML)						
1					A	Silty CLAY (ALLUVIUM) Brown, moist, stiff to very stiff. Medium to mainly high plasticity.						3,7,7 N=14	SPT
2					B		(CI-CH)					4,7,9 N=16	SPT
3	10.66				C	Silty SAND (ALLUVIUM) Brown, moist, medium dense to mainly dense. Fine to medium grained.						5,5,8 N=13	SPT
4					D	4.00m: Becoming fine to coarse grained.						8,18,18 N=36	SPT
5					E		(SM)					8,13,28 N=41	SPT
6					F	6.00m: Mainly coarse grained. Trace fine gravel.						7,17,28 N=45	SPT
6.80	6.86				G	Sandy CLAY (ALLUVIUM) Brown, moist, very stiff. Low plasticity.	(CL)					6,7,12 N=19	SPT
7.70	5.96				H	Silty CLAY (ALLUVIUM) Dark grey, moist, very stiff. High plasticity.						7,11,18 N=29	SPT
9					J		(CH)					6,8,14 N=22	SPT
10													

REMARKS _____

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**ENGINEERING
BOREHOLE LOG**

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SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No BH123

SHEET 2 of 2

REFERENCE No 12069

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