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ENGINEERING BOREHOLE LOG

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

BOREHOLE No BH130
SHEET 1 of 2
REFERENCE No 12076

PROJECT Mackay Ring Road Geotechnical Investigation - Stage 1
LOCATION Embankment; CH: 8591m; COORDINATES 721407.8 E; 7660913.7 N
PROJECT No FG6184 SURFACE R.L. 8.90m PLUNGE _____ DATE STARTED 9/10/14 GRID DATUM GDA 94 /MGA Zone 55
JOB No _____ HEIGHT DATUM AHD BEARING _____ DATE COMPLETED 9/10/14 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	8.90					Clayey SILT (ALLUVIUM) Dark brown, dry to moist, firm. Trace fine grained sand.							
1.90	7.90				A	SAND (ALLUVIUM) Pale brown, moist, loose.	(ML)					3,2,2 N=4	SPT
2					B							2,2,3 N=5	SPT
3					C		(SP)					2,3,3 N=6	SPT
4					D							3,4,5 N=9	SPT
4.70	4.20				E	Gravelly SAND (ALLUVIUM) Pale brown, moist, medium dense to dense. Fine to coarse grained sand. Fine to medium gravel.						8,12,8 N=20	SPT
6					F							9,12,9 N=21	SPT
7					G		(SW)					11,22,14 N=36	SPT
8					H							6,10,13 N=23	SPT
9					J	9.00m: Gravel content reducing.						9,7,9 N=16	SPT
10.10	-1.10												

REMARKS _____

LOGGED BY
ME

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10	-1.10				K	SAND (ALLUVIUM) Pale brown, moist, medium dense.	(SP)					6,8,9 N=17	SPT
10.70	-1.80				L	Silty CLAY (ALLUVIUM) Pale grey, moist, very stiff to hard. High plasticity.	(CH)					6,6,12 N=18	SPT
11					M							11,15,15 N=30	SPT
12					N							13,13,15 N=28	SPT
13					P							15,11,17 N=28	SPT
14					Q							9,16,17 N=33	SPT
15	-6.55					Borehole terminated at 15.45m. .							
16													
17													
18													
19													
20													

REMARKS _____

LOGGED BY
ME