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## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH283**

Sheet 1 of 2

REFERENCE No **H12435**

PROJECT Mackay Ring Road

LOCATION Lagoon Creek COORDINATES 721033.6 E; 7658369.1 N

PROJECT No FG6184 SURFACE RL 7.04m PLUNGE 90° DATE STARTED 08/10/2015 GRID DATUM GDA 94 / MGA Z55

JOB No 242/10G/906 HEIGHT DATUM A.H.D. BEARING ° DATE COMPLETED 09/10/2015 DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CORE DRILLING	RQD ( ) % CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH										DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS			
								EH	VH	EH	EH	EH	EH	EH	EH	EH	EH				EH	EH	
	6.64				Silty CLAY (Topsoil) Dark brown, dry, firm. Medium plasticity.		(CI)																
1				A	Silty CLAY (Alluvium) Grey mottled orange brown, moist, stiff. Medium plasticity, trace rootlets.		(CI)															5, 7, 7 N=14	SPT
2	4.74			B	Sandy CLAY (Alluvium) Grey, moist, firm to stiff. Fine grained sand, low to medium plasticity.		(CI)															3, 4, 4 N=8	SPT
3	3.84			C	CLAY (Alluvium) Dark grey, moist, very soft. High plasticity, trace roots (mangroves).		(CH)															LL=50% PI= 27% MC=50% LS= 11% 1, hw, 1 N=1	SPT
4	2.84			D	Clayey SAND (Alluvium) Pale grey, wet, loose. Medium grained sand.		(SC)															1, 3, 5 N=8	SPT
5	2.44			E	Silty SAND (Alluvium) Grey, wet, medium dense. Medium grained sand.		(SM)															4, 8, 5 N=13	SPT
6	0.64			F	6.00m: becoming loose. Fine to coarse grained sand.																	1, 3, 5 N=8	SPT
7				G	Silty CLAY trace sand (Alluvium) Pale grey mottled orange brown, moist, stiff. Fine grained sand, low plasticity.		(CL)															4, 5, 6 N=11	SPT
8	-0.46			H	GRANODIORITE (Kgwu) XW: Recovered as pale grey, moist, dense, silty SAND trace clay. Fine to coarse grained sand.																	9, 19, 19 N=38	SPT
9				I	9.00m: becoming very dense.																	19, 29, 30/135	SPT
	-2.96																						

Continued on next sheet

10.00m: No sample recovery

hb

REMARKS: Kgwu = Wundaru Granodiorite

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REVIEWED BY

C.Boyes

S.Foley

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# GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH283**

Sheet 2 of 2

REFERENCE No **H12435**

PROJECT Mackay Ring Road

LOCATION	Lagoon Creek
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COORDINATES 721033.6 E; 7658369.1 N

PROJECT No	FG6184	SURFACE RL	7.04m	PLUNGE	90°	DATE STARTED	08/10/2015	GRID DATUM	GDA 94 / MGA Z55
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JOB No 242/10G/906 HEIGHT DATUM A.H.D. BEARING ° DATE COMPLETED 09/10/2015 DRILLER Saxon Drilling

REMARKS: Kgwu = Wundaru Granodiorite

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# CORE PHOTO LOG

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