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**Queensland  
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**GEOTECHNICAL  
BOREHOLE LOG**

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

BOREHOLE No **BH270**

Sheet 1 of 2

REFERENCE No **H12421**

PROJECT	Mackay Ring Road		
LOCATION	Calrossie Rd - Embankment	COORDINATES 720898.7 E; 7657759.0 N	
PROJECT No	FG6184	SURFACE RL 11.85m	PLUNGE 90°
			DATE STARTED 18/08/2015
			GRID DATUM GDA 94 / MGA 255
JOB No	242/10G/906	HEIGHT DATUM A.H.D.	BEARING °
			DATE COMPLETED 18/08/2015
			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
11.55					(Topsoil)								
1				A	Sandy CLAY (Alluvium) Grey brown, dry, very stiff. Fine grained sand, medium plasticity.	(CI)					11, 10, 9 N=19	SPT	
2				B	2.00m: becomes moist, stiff to very stiff.						6, 7, 8 N=15	SPT	
3	8.85			C	SAND trace clay (Alluvium) Brown, moist, medium dense. Fine to medium grained sand.						6, 6, 7 N=13	SPT	
4				D	4.00m: becomes wet. Fine to coarse grained sand.						6, 7, 9 N=16	SPT	
5				E		(SP)					6, 7, 8 N=15	SPT	
6				F	6.00m: becomes dark brown grey.						6, 6, 8 N=14	SPT	
7	4.85			G	CLAY trace sand (Alluvium) Dark brown grey, moist, stiff. Fine grained sand, high plasticity.						3, 4, 7 N=11	SPT	
8				H	8.00m: becomes very stiff	(CH)					6, 7, 11 N=18	SPT	
9				I	9.00m: becomes stiff.						5, 5, 6 N=11	SPT	
1.85													

Continued on next sheet

REMARKS: Kgwu = Wundaru Granodiorite

<b>LOGGED BY</b>	<b>REVIEWED BY</b>
T.Goosey	S.Foley



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Sheet 2 of 2

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PROJECT	Mackay Ring Road		
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DEPTH (m)	R.L. (m)	FAUGER 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
11	0.85			J	Sandy CLAY (Alluvium) Pale grey, moist, stiff. Fine grained sand, high plasticity.	(CH)					4, 6, 8 N=14	SPT	
12				K	Clayey SAND (Alluvium) Pale brown grey, wet, medium dense. Fine to medium grained sand.	(SC)					6, 5, 6 N=11	SPT	
13	-1.25			L	12.00m: becomes pale brown. Fine to coarse grained sand. Clay content decreasing.	(SC)					6, 9, 10 N=19	SPT	
14	-2.15			M	Sandy CLAY trace gravel (Alluvium) Pale grey brown, moist, very stiff. Medium to coarse grained sand, fine grained gravel, medium plasticity.	(CI)					5, 8, 13 N=21	SPT	
15				N	Silty CLAY trace sand (Alluvium) Pale grey brown, moist, very stiff. Fine grained sand, medium to high plasticity.	CI					9, 11, 14 N=25	SPT	
16	-4.15			O							8, 10, 14 N=24	SPT	
17				P	Clayey SAND (Alluvium) Pale grey brown, wet, medium dense. Fine to medium grained sand.	(SC)					8, 10, 11 N=21	SPT	
18	-6.15			Q							8, 12, 12 N=24	SPT	
19	-6.60			R	Silty CLAY trace sand (Alluvium) Brown grey, moist, very stiff. Fine to medium grained sand, medium to high plasticity. Borehole completed at 18.45m	CI					8, 13, 15 N=28	SPT	

REMARKS: Kgwu = Wundaru Granodiorite

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