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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH276**

Sheet 1 of 2

REFERENCE No **H12428**

PROJECT	Mackay Ring Road		
LOCATION	Stage 2 Overpass	COORDINATES 721249.6 E; 7663233.8 N	
PROJECT No	FG6184	SURFACE RL 15.21m	PLUNGE 90°
			DATE STARTED 22/09/2015
			GRID DATUM GDA 94 / MGA Z55
JOB No	242/10G/906	HEIGHT DATUM A.H.D.	BEARING °
			DATE COMPLETED 22/09/2015
			DRILLER Saxon Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CONE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
												EH	VH
0 - 1				A	Sandy Silty CLAY (Residual) Pale brown, dry, stiff to very stiff. Low plasticity. Fine grained sand.	(CL)					3, 6, 6 N=12	SPT	
1 - 2				B							4, 6, 9 N=15	SPT	
2 - 3				C							5, 8, 10 N=18	SPT	
3 - 4	11.51			D	Silty CLAY (Residual) Grey, moist, very stiff to hard. Low to medium plasticity. Trace fine grained sand.	(CI)					7, 10, 17 N=27	SPT	
4 - 5				E							19, 30, 23 N=53	SPT	
5 - 6				F							7, 6, 18 N=24	SPT	
6 - 7				G							6, 23, 25 N=48	SPT	
7 - 8	7.51			H	MICRODIORITE (Kgwu) XW: Recovered as Sandy CLAY: Grey, moist, hard. Low plasticity. Fine grained sand.	XW					22, 30/70	SPT	
8 - 9				I							30/110	SPT	
9 - 10	5.21												

Continued on next sheet

REMARKS: Kgwu = Wundaru Granodiorite

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M.Ensor	S.Foley



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GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No BH276

Sheet 2 of 2

REFERENCE No H12428

Table with project details including Project Name (Mackay Ring Road), Location (Stage 2 Overpass), Project No (FG6184), Job No (242/10G/906), Surface RL (15.21m), Plunge (90°), Date Started (22/09/2015), Grid Datum (GDA 94 / MGA 255), Height Datum (A.H.D.), Bearing (°), Date Completed (22/09/2015), and Driller (Saxon Drilling).

Main data table with columns: Depth (m), R.L. (m), Borehole, RQD (%), Core Rec %, Sample, Material Description, Lithology, USCS Weathering, Intact Strength, Defect Spacing, Additional Data and Test Results, and Samples Tests.

REMARKS: Kgwu = Wundaru Granodiorite

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CORE PHOTO LOG

DEPARTMENT OF TRANSPORT AND MAIN ROADS
 Geotechnical Section
 35 Butterfield Street, Herston Qld 4006
 Phone 07 3066 3336



Project Name	Mackay Ring Road Stage 2		
Project No.	FG 6184	Date	22/09/15
Borehole No.	BH 276	TMR H No.	H12428
Location	Port Access Rd Overpass Abutment B	Start Depth (m)	10.00
Detail		Finish Depth (m)	18.30
Chainage		Submitted By	BW
Remarks			

