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**Queensland  
Government**

**GEOTECHNICAL  
BOREHOLE LOG**

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

BOREHOLE No **BH229**

Sheet 1 of 2

REFERENCE No **H12163**

PROJECT **Ipswich Motorway Upgrade - Rocklea to Darra**

LOCATION **Boundary Road Connection**

COORDINATES **498680.4 E; 6950690.7 N**

PROJECT No **FG6202**

SURFACE RL **3.40m**

PLUNGE **90°**

DATE STARTED **28/04/2015**

GRID DATUM **MGA94 Z56**

JOB No **201/416/003**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **29/04/2015**

DRILLER **North Coast**

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
3.14					Sandy CLAY (Top Soil) Brown - dark brown, moist, soft. Low plasticity, tree roots.	(CL)							
2.64					Clayey SAND (Fill) Grey brown, moist, loose.	(SC)							
1				A	Fine to medium grained sand; minor organic matter. Silty CLAY (Fill) Grey dark brown, wet, firm to stiff.	CH				LL=52% PI= 29% MC=24% LS= 14% <75µm= 100%	U100		
2	1.40			B	High plasticity. Some organic matter. Clayey SAND (Alluvium) Pale grey pale brown, moist, medium dense.	(SC)				7, 11, 13 N=24	SPT		
3				C	Fine to medium grained sand, some tree roots.	(SC)				8, 12, 13 N=25	SPT		
4	-0.10			D	CLAY with Sand (Alluvium) Pale grey brown, moist, stiff to very stiff. Medium to high plasticity.	(CI)				7, 8, 11 N=19	SPT		
5				E						3, 6, 7 N=13	SPT		
6	-2.10			F	Sandy CLAY (Alluvium) Grey brown, moist, stiff. Medium plasticity.	(CI)				3, 4, 5 N=9	SPT		
7	-3.10			G	Clayey SAND (Alluvium) Pale grey, moist, medium dense. Fine grained sand.	(SC)				11, 10, 13 N=23	SPT		
8	-4.20			H	Some coarse sand and fine gravel. Silty CLAY (Residual) Pale brown grey yellow mottled, moist, stiff. High plasticity.	(CH)				3, 6, 8 N=14	SPT		
9				J						4, 7, 7 N=14	SPT		
-6.60													

Continued on next sheet

REMARKS:

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REVIEWED BY

MS

SF



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REFERENCE No **H12163**

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PROJECT No FG6202 SURFACE RL 3.40m PLUNGE 90° DATE STARTED 28/04/2015 GRID DATUM MGA94 Z56

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												EH YH H M L VL EL
	-7.06			K	Silty CLAY (Residual) (Contd')	(CH)				4, 5, 8 N=13	SPT	
					Borehole completed at 10.45m							
11												
12												
13												
14												
15												
16												
17												
18												
19												

REMARKS:	<b>LOGGED BY</b>	<b>REVIEWED BY</b>
	MS	SF