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Queensland Government

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH232**

Sheet 1 of 3

REFERENCE No **H12166**

PROJECT	Ipswich Motorway Upgrade - Rocklea to Darra		
LOCATION	Little Doris Creek Bridge	COORDINATES 498289.4 E; 6950925.5 N	
PROJECT No	FG6202	SURFACE RL 4.00m	PLUNGE 90°
			DATE STARTED 11/05/2015
			GRID DATUM MGA94 Z56
JOB No	201/416/003	HEIGHT DATUM AHD	BEARING °
			DATE COMPLETED 12/05/2015
			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
3.60					ASPHALT								
3.10					Gravelly Sandy CLAY (Fill) Yellow brown, moist, soft to firm. Low plasticity, fine to medium gravel.	(CL)							
				A	Silty CLAY with Sand & Gravel (Fill) Grey brown, moist, firm. Medium plasticity, fine grained sand, medium angular gravel.	(CI)					2, 2, 3 N=5 SPT		
1.10				B	Silty CLAY (Alluvium) Grey, moist, <del>soft</del> firm. High plasticity.	(CH)					1, 1, 2 N=3 SPT		
											inferred GWT		
											U100		
				C		(CH)					1, 2, 2 N=4 SPT		
				D		(CH)					2, 2, 3 N=5 SPT		
-3.00				E	Sandy CLAY (Alluvium) Grey, moist, <del>soft</del> firm Low plasticity.	(CL)					1, 1, 2 N=3 SPT		
-4.60				F	Silty CLAY (Residual) Grey yellow, moist, very stiff. High plasticity, trace sand.	(CH)					3, 7, 10 N=17 SPT		
-6.00													

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REMARKS:

<b>LOGGED BY</b>	<b>REVIEWED BY</b>
JL/MS	SF



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BOREHOLE No **BH232**

Sheet 2 of 3

REFERENCE No **H12166**

PROJECT Ipswich Motorway Upgrade - Rocklea to Darra  
 LOCATION Little Doris Creek Bridge COORDINATES 498289.4 E; 6950925.5 N  
 PROJECT No FG6202 SURFACE RL 4.00m PLUNGE 90° DATE STARTED 11/05/2015 GRID DATUM MGA94 Z56  
 JOB No 201/416/003 HEIGHT DATUM AHD BEARING ° DATE COMPLETED 12/05/2015 DRILLER North Coast

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
					Silty CLAY (Residual) (Contd')						
11				G	Colour changed to orange yellow. Becoming medium plasticity clay.					10, 13, 16 N=29	SPT
12				H	Colour changed to pale yellow orange grey.					8, 11, 16 N=27	SPT
13											
14				J						7, 12, 17 N=29	SPT
15				K		(CH)				6, 11, 15 N=26	SPT
16											
17				L	Colour changed to pale grey.					6, 9, 15 N=24	SPT
18				M	Colour change to dark grey. Becoming hard.					8, 17, 26 N=43	SPT
19											
	-16.00			N						12, 19, 28 N=47	SPT

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PROJECT Ipswich Motorway Upgrade - Rocklea to Darra  
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DEPTH (m)	R.L. (m)	FAUGER CASING WASHBORING CONE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
21				P	Silty CLAY (Residual) (Contd')	(CH)				30/40mm	SPT
22				Q						11, 17, 24 N=41	SPT
23				R						11, 17, 22 N=39	SPT
24				S						9, 14, 20 N=34	SPT
25				T						10, 24, 27 N=51	SPT
26				U	Clayey SAND (Residual) Grey, moist, dense. Fine to coarse grained sand.	(SC)				4, 11, 21 N=32	SPT
27				V	Becoming very dense. Trace fine gravel. Borehole completed at 29.61m					30/110mm	SPT
28	-23.70										
29	-25.61										

REMARKS:

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