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## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH235**

Sheet 1 of 3

REFERENCE No **H12169**

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

LOCATION **Oxley Creek Overflow Bridge**

COORDINATES **498780.3 E; 6950975.6 N**

PROJECT No **FG6202**

SURFACE RL **3.04m**

PLUNGE **90°**

DATE STARTED **17/04/2015**

GRID DATUM **MGA94 Z56**

JOB No **201/416/003**

HEIGHT DATUM **AHD**

BEARING **°**

DATE COMPLETED **21/04/2015**

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
1	2.04				Silty CLAY (Fill) Pale brown, dry to moist, stiff. Medium plasticity.	(CI)					
2				U100	Silty CLAY (Alluvium) Grey mottled orange brown, moist, very stiff. High plasticity.	(CH)				1.55m: PP 250kPa	U100
3	0.24			A	Clayey SAND (Alluvium) Grey mottled brown, moist, medium dense.						20/04/2015 4, 6, 6 N=12
4											
5				B	Becomes loose.						3, 3, 4 N=7
6				C	Becomes medium dense.	(SC)					6, 8, 12 N=20
7											
8				D							8, 11, 12 N=23
9				E	Becomes Gravelly Sand.						12, 5, 4 N=9
	-6.96										

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REMARKS: **Tod - Darra formation.**

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## GEOTECHNICAL BOREHOLE LOG

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BOREHOLE No **BH235**

Sheet 2 of 3

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	-7.26				Clayey SAND (Alluvium) (Contd')		(SC)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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REMARKS: Tod - Darra formation.

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Sheet 3 of 3

REFERENCE No **H12169**

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

LOCATION **Oxley Creek Overflow Bridge**

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PROJECT No **FG6202**

SURFACE RL **3.04m**

PLUNGE **90°**

DATE STARTED **17/04/2015**

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DATE COMPLETED **21/04/2015**

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
21	-17.96			M	SILTSTONE (Tod) XW: (Contd')	X	XW				
22				N	SANDSTONE (Tod) XW: Recovered as grey, moist, very dense Clayey Sand. Fine grained. Low to medium plasticity clay fraction.	X	XW				22, HB hb SPT
23	-19.76		(0)		SILTSTONE (Tod) XW: Recovered as grey brown, moist, hard, Silty Clay. High plasticity. Occasional Sandy Clay bands <250mm.	X	XW			UCS=1.29 MPa	(23.33m)
24			100 (0)		Trace Sand.	X	XW				
25			100 (0)			X	XW			25.30m-25.60m: Sandy CLAY band.	
26			100 (0)			X	XW			UCS=0.92 MPa	(25.80m)
27	-23.86		100 (0)		SANDSTONE (Tod) XW: Recovered as pale grey brown, moist, very dense, Clayey Sand. Fine grained.	X	XW			26.20m: J, 45°, Pl/Sm, TI, Cn. 26.46m: J, 45°, Pl/Sm, TI, Cn. 26.85m: J, 60°, Pl/Sm, TI, Cn. 27.55m: J, 50°, Pl/Sm, TI, Cn.	
28			100 (0)			X	XW				
29	-25.76				Borehole completed at 28.80m						

REMARKS: Tod - Darra formation.

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Project Name	Ipswich Motorway Upgrade – Rocklea to Darra		
Project No.	FG6202	Date Completed	21/04/2015
Borehole No.	BH235	Reference Number	H12169
Location	36903.9 E; 151845.1 N	Start Depth (m)	22.8
Submitted By	DP	Finish Depth (m)	28.8
Remarks	-		

