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Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/3-2005

BOREHOLE No BH30

SHEET 1 of 2

REFERENCE No H9734

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY GEOTECHNICAL INVESTIGATION

LOCATION Woogaroo Creek, Abutment A, Approximate Chainage 12540m, 30m right of Control MC20. COORDINATES 28923.6 E; 146991.4 N

PROJECT No FG5404 SURFACE R.L. 6.90 DATE STARTED 19/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 19/08/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	ALGER CASING WASH BORING CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
0	6.90					ASPHALT & ROADBASE						
	6.55					SILTY CLAY (Alluvium)						
						Grey with organics - driller's log.						
1	5.90					SILTY CLAY (Alluvium)	CL				2,3,4 N=7	SPT
						Brown, moist, firm, low to medium plasticity.						
2	4.90					SLIGHTLY CLAYEY SAND (Alluvium)					2,4,4 N=8	SPT
						Yellow brown, moist, loose to medium dense.						
3												
4							SC				5,6,9 N=15	SPT
5												
6											2,6,2 N=8	SPT
7	-0.10					SANDY CLAY (Alluvium)	CH				RW,1,RW N<1	SPT
						Dark grey, moist, very soft, high plasticity, probably due to high organic content. Possibly old swampy ground.						
8						SAND (Alluvium)						
	-1.60					Grey, moist, medium to coarse grainsize, medium dense.						
9						Fairly 'clean' sand, with very little clay or fines.	SW				Sewerage odour.	U48
10												

REMARKS See Additional Descriptive Coding sheet for abbreviations.

LOGGED BY
J. Kleindienst



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ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/3-2005

BOREHOLE No BH30

SHEET 2 of 2

REFERENCE No H9734

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY GEOTECHNICAL INVESTIGATION

LOCATION Woogaroo Creek. Abutment A. Approximate Chainage 12540m, 30m right of Control MC20. COORDINATES 28923.6 E; 146991.4 N

PROJECT No FG5404 SURFACE R.L. 6.90 DATE STARTED 19/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 19/08/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD () %	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	IM	J	VL	EL				
10	-3.10													20 60 200 600 2000			
11						Sand Cont'd. As above.	SW									6,7,8 N=15	SPT
12																5,6,9 N=15	SPT
	-5.60																
13	-6.10		(80)			SANDSTONE Grey - orange. Drillers logs only.	XW-HW									Clay seam 20mm thick Jt, subhorizontal	3/0mm HB N>50
14						Grey to pale yellow, medium grained, few defects, massive, medium to high strength.	MW-SW									Is(50)=1.20 MPa Is(50)=1.40 MPa	x o
	-7.60					Grey, fine grained, massive.										Jt, subhorizontal, clayey Jt, subhorizontal 1cm soft clay infill	
	-7.87					SANDSTONE and SILTSTONE Interbeds Bands 1-2cm coarse sandstone, fine grained siltstone.	SW									Coarse grained	
15						SANDSTONE Grey, fine grained, massive. As before.	SW									Jt, 70°. Jt, subhorizontal	
16	-9.10		100			Borehole terminated at 16m										Is(50)=0.80 MPa Is(50)=1.10 MPa Carbonaceous inclusions Jt, subhorizontal	x o
17																	
18																	
19																	
20																	

REMARKS See Additional Descriptive Coding sheet for abbreviations.

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Project: **Ipswich Motorway / Logan Motorway Interchange**
Borehole No: **BH30**
Start Depth: 13.00m
Finish Depth: 16.00m
Project No: FG5404
H No: 9734

