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**Queensland
Government**

Department of
Main Roads

ENGINEERING BOREHOLE

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

BOREHOLE No AH10

SHEET 1 of 1

REFERENCE No H9677

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Brisbane Road near Retaining Wall 14. About Chainage 12969m, 13m left of control MC20. COORDINATES 28495.4 E; 146923.8 N

PROJECT No FG5404 SURFACE R.L. 10.39 DATE STARTED 31/05/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 31/05/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	AUGER 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	IN	ML	VL				
0	10.39															
	10.29			(100)		ASPHALT										
	10.09			100		CONCRETE - Auger Refusal									Concrete from old pavement or easement.	
						GRAVELLY SILTY CLAY (Fill)										
						Light grey to orange brown, moist, firm to stiff, low plasticity, with minor gravel. Slight odour.										1,2,3 N=5 SPT
1						Appears to be an XW rock used as fill.										U48
2																2,4,8 N=12 SPT
	7.89															7,9,6 N=15 SPT
3	7.39					SILTY CLAY (Alluvium) Dark brown, moist, firm, low to medium plasticity. Trace organic matter.	CL-CI									2,2,5 N=7 SPT
						SILTY CLAY (Alluvium)										
						Brown, moist, firm to stiff, medium plasticity.										3,4,6 N=10 SPT
						Slightly mottled. Minor iron staining increases with depth.										2,2,4 N=6 SPT
4																
																2,3,5 N=8 SPT
5							CI									2,4,4 N=8 SPT
						Minor fine gravel content.										2,5,5 N=10 SPT
6						Minor iron staining / mottling.										5,8,6 N=14 SPT
	3.94															3,7,9 N=16 SPT
						Borehole terminated at 6.45m										
7																
8																
9																
10																

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
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