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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 AH11

SHEET 1 of 1

REFERENCE No H9678

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Brisbane Road near Retaining Wall 14. About Chainage 13035m, 14m left of control MC20. COORDINATES 28428.6 E; 146927.2 N

PROJECT No FG5404 SURFACE R.L. 10.99 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	IM	JL	VL				
0	10.99															
	10.89					ASPHALT										
	10.74			100		CONCRETE Auger refusal.									Concrete from old pavement or easement.	
						SILTY GRAVEL (Fill)										
						Grey - orange, mottled, fine grained, moist. Contains some weathered rock fragments. Clayey in parts. Loose / Firm.										2,1,4 N=5 SPT
1																1,2,3 N=5 SPT
																U48
2	8.99					PEAT										2,1,2 N=3 SPT
						Black, moist, earthy, no cohesive properties, highly organic. Soft - firm.	PT								Su (pp) = 100kPa	U48
3	7.99					SILTY CLAY (Alluvium)										2,4,5 N=9 SPT
						Brown to faint yellow brown, moist, stiff, medium plasticity.										3,4,6 N=10 SPT
4																2,4,6 N=10 SPT
																1,4,5 N=9 SPT
5							CI									2,4,6 N=10 SPT
																3,6,7 N=13 SPT
6																2,4,6 N=10 SPT
	4.54					Borehole terminated at 6.45m										
7																
8																
9																
10																

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
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