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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 AH45

SHEET 1 of 1

REFERENCE No H9704

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 12. About Chainage 12511m, 36m left of control MC20. COORDINATES 28955.5 E; 146927.8 N

PROJECT No FG5404 SURFACE R.L. 8.97 DATE STARTED 11/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 11/08/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	AUGER	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)			GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	EH	EH	EH	EH	20	60	200			
0	8.97					ASPHALT												
	8.92					SILTY CLAY - Alluvium Dark brown - black, medium to high plasticity, moist, firm. Minor organic matter.										1,2,5 N=7	SPT	
1																2,3,4 N=7	SPT	
2							CI-CH									1,4,4 N=8	SPT	
3																2,3,4 N=7	SPT	
4	4.97					SILTY CLAY - Alluvium Dark brown, medium to high plasticity, moist, stiff. Minor gravel inclusions up to 15mm size.										3,6,6 N=12	SPT	
5																2,4,6 N=10	SPT	
6							CI-CH									2,5,6 N=11	SPT	
7	2.02															4,6,7 N=13	SPT	
8																3,5,7 N=12	SPT	
9																4,7,9 N=16	SPT	
10						Borehole terminated at 6.95m										3,6,10 N=16	SPT	

REMARKS No standing groundwater encountered at time of drilling

LOGGED BY
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