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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 AH32

SHEET 1 of 1

REFERENCE No H9701

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Logan Motorway Onramp, About Chainage 835m, 8m right of control MCB1-C COORDINATES 30132.9 E; 147409.1 N

PROJECT No FG5404 SURFACE R.L. 20.37 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	EH	EH				
0	20.37																	
0	20.17					SILT (Topsoil) Grey.												
0						SANDY CLAY (Alluvium) Pale orange brown, low to medium plasticity, moist, firm.	CL- CI										3,3,4 N=7	SPT
1	19.37					SILTY CLAY (Alluvium) Dark grey becoming grey with depth, moist, stiff, medium plasticity. Minor fine grained sand throughout.	CI										2,3,6 N=9	SPT
2	18.37					CLAYEY SAND / SANDY CLAY (Alluvium) Grey, all samples uniform in appearance, moist, medium dense to dense. Fine grained sand fraction.	SC- CL										4,5,4 N=9	SPT
3																	1,3,4 N=7	SPT
3																	4,5,6 N=11	SPT
3																	8,10,12 N=22	SPT
4																	9,13,15 N=28	SPT
4																	5,14,15 N=29	SPT
4	15.92					Borehole terminated at 4.45m												
5																		
6																		
7																		
8																		
9																		
10																		

REMARKS _____

LOGGED BY
J. Kleindienst