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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 AH24

SHEET 1 of 1

REFERENCE No H9691

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 11. About Chainage 12521m, about 22m left of control MC20. COORDINATES 28944.6 E; 146940.9 N

PROJECT No FG5404 SURFACE R.L. 8.71 DATE STARTED 07/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 07/06/02 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	VH	IN	ML	VL				
0	8.71															
						SANDY SILT (Topsoil)									From drillers logs only.	
	8.21					CLAYEY SAND and GRAVEL (Fill) Brown, fine grained, slightly moist, medium dense. Minor iron staining and organics. Contains gravel up to 20mm size.										4,6,7 N=13
1	7.71					CLAYEY SILT (Alluvium) Grey- brown, minor orange iron staining throughout, moist, medium dense. Varies to stiff Silty Clay in parts.	ML-CL									5,6,7 N=13
	7.21					SILTY CLAY (Alluvium) Grey - brown, minor orange and brown iron staining throughout, low plasticity, moist, very stiff - stiff. Trace fine sand.										5,6,7 N=13
2																5,8,12 N=20
																4,7,11 N=18
3						Slightly more clayey and low - medium plasticity.										5,6,8 N=14
							CL-CL									3,4,7 N=11
4																3,5,7 N=12
						Pale brown-grey, trace fine sand throughout, medium plasticity.										3,5,7 N=12
5						Trace gravel up to 15mm size. Very stiff.										3,6,9 N=15
	3.21															
6	2.71					SILTY / SANDY CLAY (Alluvium) Pale brown, trace iron staining, fine grained, moist, stiff.	CL-CL									3,6,8 N=14
						SANDY CLAY (Alluvium) Pale brown-grey, trace iron staining, fine grained, stiff.	CL									3,5,7 N=12
	2.26															
						Borehole terminated at 6.45m										
7																
8																
9																
10																

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
JML