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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   AH1  

SHEET   1   of   1  

REFERENCE No   H9667  

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Retaining Wall 1. About Chainage 905m, 16m left of control MCB1-C. COORDINATES 30206.8 E; 147400.7 N

PROJECT No FG5404 SURFACE R.L. 22.08 DATE STARTED 26/05/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 26/05/05 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	VH	IN	N	J	VL	EL		
0	22.08															
	21.78					<b>SILTY SAND</b> (Topsoil) Grey.	ML								From drillers logs only.	
						<b>SANDY CLAY</b> (Alluvium)										
						Pale brown- grey, orange iron staining throughout, fine grained. Dry, very stiff.	CL									8,12,11 N=23 SPT
1																7,9,11 N=20 SPT
	20.58					<b>SILTY CLAY</b> (Alluvium) Pale grey, orange iron staining, slightly moist, very stiff. Minor calcium nodules and fine sand in parts.	CL									9,11,12 N=23 SPT
2	20.08					<b>CLAYEY SAND</b> (Alluvium)										5,13,22 N=35 SPT
						Pale grey, orange iron staining throughout, moist, dense. Fine grained, varies to sandy clay in parts.	SC									13,18,18 N=36 SPT
3						Minor orange-red mottling and slight iron cementation in parts.										7,10,17 N=27 SPT
	18.58					<b>SAND</b> (Alluvium) Pale grey, fine grained, moist, dense. Trace iron staining.	SM									9,16,17 N=33 SPT
4	18.13					Borehole terminated at 3.95m										
5																
6																
7																
8																
9																
10																

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY  
**JML**