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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 AH13

SHEET 1 of 1

REFERENCE No H9680

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Ipswich Motorway. About Chainage 12829m, 35m right of control MC20. COORDINATES 28634.5 E; 146977.4 N

PROJECT No FG5404 SURFACE R.L. 10.03 DATE STARTED 27/05/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 27/05/05 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	J	VL	EL				
0	10.03													20			
														60			
														200			
														600			
														2000			
1	9.53					CLAYEY SILT (Topsoil)											
						Grey.											
	9.03					SILTY CLAY (Residual)	CL- CI										6,7,11 N=18
						Pale grey-yellow, moist, trace fine sand. Very stiff.											SPT
						SILTSTONE	XW										7,12,16 N=28
						Pale grey-yellow, minor iron staining, relict rock structure visible. Exhibits engineering properties of medium dense - dense Clayey Silt or Silty Clay in parts. Occasional thin bands of fine grained, XW Sandstone.											SPT
2							XW- HW										20,18,24 N=42
																	14,20,23 N=43
	7.58																
						Borehole terminated at 2.45m											
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
JML

ENGINEERING BOREHOLE FG5404 - AUGER 6.9.05.GPJ QLD MAIN ROADS GDT 16/11/05