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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 AH48

SHEET 1 of 1

REFERENCE No H9714

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Brisbane Road, About Chainage 13118m, 12m left of control MC20. COORDINATES 28345.3 E; 146939.1 N

PROJECT No FG5404 SURFACE R.L. 13.47 DATE STARTED 10/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 10/08/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH						DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VH	I	M	J	V				
0	13.47																
	13.46		(100)			ASPHALT											
	13.17		100			CONCRETE											
	12.97					SILTY GRAVEL (Fill) Road base.											
						SILTSTONE											
1						Light grey, fine grained, some relict structure visible. Exhibits engineering properties of dense - very dense Clayey Silt or hard Silty Clay in parts.	XW										10,17,20 N=37
						Some patchy iron staining.											18,30/120 N>50
2	11.47					Grey, fine grained, fissile.	HW										30/150 N>50
	11.17																Subhorizontal bedding visible. 23
						Borehole terminated at 2.3m											
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
J. Kleindienst