Queensland Government
Department of Main Roads

ENGINEERING BOREHOLE

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/3-2005

BOREHOLE No **AH46**
SHEET 1 of 1
REFERENCE No **H9712**

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION
LOCATION Ipswich Motorway. About Chainage 13048m, 14m right of control MC20. COORDINATES 28418.7 E; 146954.3 N
PROJECT No FG5404 SURFACE R.L. 11.38 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 (EH VH H M L VL EL)	DEFECT SPACING (mm) (20 60 200 600 2000)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES	TESTS
0	11.38												
	11.23				**ASPHALT**						Based on drillers log.		
	10.98				**ROAD BASE**								
					SILTY CLAY (Alluvium) Brown, minor iron staining in parts, medium plasticity, moist, soft - very stiff.	CI					2,2,2 N=4		SPT
1											Su (pp) = 200kPa		U48
											4,7,7 N=14		SPT
	9.38				Coarse grained sand band at base.								
2	9.15				**SILTY CLAY** (Residual) Grey, stiff.	CI					2,5,10 N=15		SPT
					CLAYEY SANDSTONE Grey to pale orange, fine to medium grained, low plasticity, moist, very low strength.	XW					30/110 N>50		SPT
3					Exhibits engineering properties of very stiff - hard Sandy Clay.						5,10,17 N=27		SPT
	7.62										12,30/110 N>50		SPT
4					Borehole terminated at 3.76m								
5													
6													
7													
8													
9													
10													

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
J. Kleindienst

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