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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 AH34

SHEET 1 of 1

REFERENCE No H9703

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Logan Motorway, About Chainage 292m, 12m right of control MCJ1-C. COORDINATES 30248.1 E; 147326.4 N

PROJECT No FG5404 SURFACE R.L. 20.11 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	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS	
								EH	EH	EH	EH	EH					
0	20.11																
0	20.01					SILT (Topsoil) Grey.								Based on drillers log.			
	19.61					SILTY CLAY (Alluvium) Mottled grey brown.											
1						SAND (Alluvium) Grey with very minor orange iron staining, fine to medium grained, moist, medium dense. Very slight clay fraction.	SP-SM									4,4,14 N=18	SPT
2	18.11														7,9,13 N=22	SPT	
															5,11,13 N=24	SPT	
						SANDSTONE Grey, orange iron staining in parts, medium to coarse grained, moist, medium dense. Exhibits properties of a Clayey Sand. Red iron staining.	XW								7,13,14 N=27	SPT	
3	17.16														9,17,20 N=37	SPT	
3						Borehole terminated at 2.95m											
4																	
5																	
6																	
7																	
8																	
9																	
10																	

REMARKS No standing groundwater encountered at time of drilling

LOGGED BY
J. Kleindienst