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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 AH27

SHEET 1 of 1

REFERENCE No H9695

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Ipswich Motorway. About Chainage 10978m, 4m left of control MC20. COORDINATES 30219.0 E; 147739.2 N

PROJECT No FG5404 SURFACE R.L. 23.18 DATE STARTED 08/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 08/06/05 DRILLER Drillsure

DEPTH (m)	R.L. (m)	RQD (%)	CORE REC %	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	IM	JL	VL				
0	23.18														
	22.88				SANDY SILT (Topsoil) Pale grey.									From drillers logs only.	
					SANDSTONE										
					Pale brown-grey with minor orange iron staining, fine grained, moist, medium dense. Exhibits properties of Clayey Sand. Varies to very stiff Sandy Clay in parts.									8,10,8 N=18 MC=8.2%	SPT
1														5,6,8 N=14 MC=10.4%	SPT
					Becoming pale grey with orange iron staining.									6,8,7 N=15 MC=12%	SPT
2					Possible faint structure / fabric visible in parts.	XW								4,7,11 N=18 MC=14.4%	SPT
														8,9,11 N=20 MC=20%	SPT
3														5,9,13 N=22 MC=19.4%	SPT
	19.73														
					Borehole terminated at 3.45m										
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