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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 AH9

SHEET 1 of 1

REFERENCE No H9676

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 11. About Chainage 12457m, about 11m left of control MC20 COORDINATES 29008.4 E; 146957.2 N

PROJECT No FG5404 SURFACE R.L. 11.01 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
0	11.01											
10.91						SILT (Topsoil) Grey. SILTY CLAY and GRAVEL (Fill)					From drillers logs only.	
1	10.01					Brown, dry, minor iron staining and oxide stains throughout. Contains basaltic fragments. Very stiff.					7,8,9 N=17	SPT
2	8.96					SANDSTONE Pale grey-brown, fine grained, dry, dense. Relict structure visible. Exhibits engineering properties of indurated Silty Sand. Becoming less weathered with depth.	XW XW-HW				Friable, very dense. 30/150mm N>50	SPT SPT
2	8.96					Borehole terminated at 2.05m					5/0mm HB N>50	SPT
3												
4												
5												
6												
7												
8												
9												
10												

REMARKS No standing groundwater encountered at time of drilling.

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JML