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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 AH21

SHEET 1 of 1

REFERENCE No H9688

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 13. About Chainage 12740m, 21m left of control MC20. COORDINATES 28725.2 E; 146926.2 N

PROJECT No FG5404 SURFACE R.L. 11.55 DATE STARTED 07/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 07/06/02 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	11.55											
11.45						SILT (Topsoil) Grey.					From drillers logs only.	
11.05						GRAVELLY SILT (Residual) Mottled grey-brown. Possibly XW rock.						
10.55						SHALE Pale grey, minor red iron staining. Engineering properties of very stiff Silty Clay.	XW				Relict structure visible. 6,9,13 N=22 18/50mm HB N>50	SPT
10.00						SILTSTONE / SHALE Similar above, slightly more silty. Dark red iron cementation in parts. Very dense.	HW					SPT
						Borehole terminated at 1.55m					Trace organics (relict wood). 18/50mm HB N>50	SPT
2												
3												
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