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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 AH25

SHEET 1 of 1

REFERENCE No H9692

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Retaining Wall 11. About Chainage 12410m, about 15m left of control MC20. COORDINATES 29056.2 E; 146960.1 N

PROJECT No FG5404 SURFACE R.L. 13.87 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
0	13.87				SILTY GRAVEL (Topsoil) Grey.					From drillers logs only.	
	13.37										
1	12.87				SILTY SAND (Alluvium) Pale brown, fine grained, slightly moist, medium dense - dense. Contains some slightly cemented fragments up to 10mm size.	SM				9,12,17 N=29 MC=7.8%	SPT
					CLAYEY SANDSTONE					10,12,12 N=24 MC=8.2%	SPT
2					Pale brown-grey, orange iron staining and some mottling throughout, fine grained, slightly moist. Slightly cemented in parts.	XW				11,13,11 N=24 MC=8.8%	SPT
					Grey with red iron staining and some mottling.					11,15,14 N=29 MC=10.8%	SPT
					Fine - medium grained, friable.					8,11,13 N=24 MC=11.6%	SPT
3	10.92				Borehole terminated at 2.95m						
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