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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 AH41

SHEET 1 of 1

REFERENCE No H9708

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Ipswich Motorway, About Chainage 12508m, 17m right of control MC20 COORDINATES 28956.3 E; 146980.6 N

PROJECT No FG5404 SURFACE R.L. 10.42 DATE STARTED 08/08/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 08/08/05 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
0	10.42											
0	10.32					ASPHALT ROAD BASE					Based on drillers log.	
1	9.92					GRAVELLY SANDY CLAY (Fill) Brown with some orange iron staining, low plasticity, moist, firm. Fine gravel and fine sand fraction.					2,2,4 N=6	SPT
2	8.42					SANDY CLAY / CLAYEY SAND (Fill) Grey to pale brown or mottled grey and orange, variable, medium plasticity, moist, firm.					2,2,2 N=4	SPT
3	7.17					SILTY CLAY (Alluvium) Dark grey brown, medium plasticity, moist, stiff. Becomes slightly iron stained with depth and some mottling.					3,3,5 N=8	SPT
4											4,5,7 N=12	SPT
5											4,5,7 N=12	SPT
6											2,4,7 N=11	SPT
7	3.47					Borehole terminated at 6.95m					3,3,5 N=8	SPT
8												
9												
10												

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
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