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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   AH8  

SHEET   1   of   1  

REFERENCE No   H9675  

PROJECT   IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION  

LOCATION   Near Brisbane Road. About Chainage 12453m, about 27m left of control MC20.   COORDINATES   29013.8 E; 146942.4 N  

PROJECT No   FG5404   SURFACE R.L.   11.43   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
								EH	EH	EH	EH	EH	EH				
0	11.43					<b>SILT</b> (Topsoil) Grey.											
	11.23					<b>CLAYEY SAND</b> (Alluvium) Pale brown, fine grained, moist, loose. Minor fine gravel and organics.	SC								From drillers logs only.	6,5,4 N=9	SPT
	10.13					Grey-orange. <b>SILTY CLAY</b> (Alluvium) Brown, minor iron staining throughout, moist, firm - stiff. Trace organics. Grey-brown, medium plasticity, stiff.	CI									4,4,4 N=8	SPT
	8.43					<b>SANDY CLAY</b> (Residual) Grey with minor orange iron staining, moist, fine grained, low - medium plasticity. Very stiff.	CL-CI									5,7,8 N=15	SPT
	7.93					<b>SHALE</b> Pale grey with minor orange staining, moist. Relict structure and kernels of less weathered rock visible in parts.	XW									2,4,6 N=10	SPT
	6.98					Exhibits engineering properties of very stiff - hard Clay with a trace of Silt.										3,5,6 N=11	SPT
						Borehole terminated at 4.45m										5,9,12 N=21	SPT
																6,11,18 N=29	SPT
																10,14,21 N=35	SPT

REMARKS   No standing groundwater encountered at time of drilling.  

LOGGED BY  
**JML**