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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   AH2  

SHEET   1   of   1  

REFERENCE No   H9668  

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Logan Motorway. About Chainage 883m, 20m right of control MCB1-C. COORDINATES 30172.2 E; 147377.4 N

PROJECT No FG5404 SURFACE R.L. 20.25 DATE STARTED 26/05/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 26/05/05 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	VH	H	M	L	VL	EL	20	60	200		600	2000			
0	20.25																							
	20.15					SILT (Topsoil) Grey.																		
						SAND (Alluvium) Pale grey - brown.																		
	19.75																							
						SILTY SAND (Alluvium) Pale grey - brown, fine grained, moist, medium dense. Minor iron staining and trace clay in parts.	SM															21,16,10 N=26 SPT		
1	19.25					CLAYEY SAND (Alluvium)  Pale grey with yellow-brown iron staining throughout, fine grained, moist, medium dense. Grey, minor iron staining, fine grained, medium dense. Trace organics.																About 5% Clay.  About 15% Clay.  7,11,12 N=23 SPT		
							SC															7,13,13 N=26 SPT		
																						8,17,19 N=36 SPT		
	17.75					SAND (Alluvium) Pale grey, medium grained, very moist, dense.																11,18,16 N=34 SPT		
3						As above. Medium - coarse grained.	SP															16,19,30 N=49 SPT		
						Pale grey-brown, medium grained, very moist, very dense. Varies to Clayey Sand in parts.																		
4	16.30																							
						Borehole terminated at 3.95m																		
5																								
6																								
7																								
8																								
9																								
10																								

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY  
**JML**