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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   AH35  

SHEET   1   of   1  

REFERENCE No   H9715  

PROJECT   IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION  

LOCATION   Logan Motorway, About Chainage 213m, on control MCJ1-C.   COORDINATES   30323.4 E; 147295.9 N  

PROJECT No   FG5404   SURFACE R.L.   20.26   DATE STARTED   09/08/05   DATUM   Ipswich Motorway  

JOB No   148/17A/57   DATUM   AHD   DATE COMPLETED   09/08/05   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	
													EH
0	20.26					<b>SILT</b> (Topsoil) Grey.					Based on drillers log.		
	20.16					<b>SLIGHTLY CLAYEY SAND</b> (Alluvium) Grey, moist, fine grained, medium dense.							
	19.76					<b>SANDSTONE</b>							
1						Grey with heavy red orange iron staining and minor laterisation in parts, very fine to fine grained sand fraction, low plasticity, moist. Exhibits properties of stiff to very stiff Sandy Clay. Varies to Clayey Sand in parts.						5,6,11 N=17	SPT
												4,5,7 N=12	SPT
2												2,5,7 N=12	SPT
												3,7,7 N=14	SPT
3												3,8,7 N=15	SPT
												4,6,7 N=13	SPT
4						Hard.						5,11,21 N=32	SPT
						Grey, moist, medium dense. Resembles Clayey Sand.					▽ 9/8/05 Water table encountered.	6,12,13 N=25	SPT
	15.81					Borehole terminated at 4.45m							
5													
6													
7													
8													
9													
10													

REMARKS \_\_\_\_\_

LOGGED BY  
J. Kleindienst