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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   AH36  

SHEET   1   of   1  

REFERENCE No   H9705  

PROJECT   IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION  

LOCATION   Logan Motorway, About Chainage 133m, 5m left of control MCJ1-C.   COORDINATES   30394.0 E; 147259.2 N  

PROJECT No   FG5404   SURFACE R.L.   21.00   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
0	21.00					CLAYEY SILT (Topsoil) Mottled grey / brown.					Based on drillers log.	
20.50						SHALE Grey with yellow iron stains, low to medium plasticity, moist, stiff. Exhibits properties of Silty Clay.					3,3,5 N=8	SPT
19.50						Contains some gravel inclusions up to 25mm size.					3,6,7 N=13	SPT
18.05						SANDSTONE Grey, medium grained, moist, dense. Exhibits properties of Clayey Sand.	XW				7,17,22 N=39	SPT
13,16,17											N=33	SPT
13,16,20											N=36	SPT
3						Borehole terminated at 2.95m						
4												
5												
6												
7												
8												
9												
10												

REMARKS   No standing groundwater encountered at time of drilling.  

LOGGED BY  
**J. Kleindienst**