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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 AH20

SHEET 1 of 1

REFERENCE No H9687

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Retaining Wall 13. About Chainage 12777m, 23m left of control MC20. COORDINATES 28689.0 E; 146922.1 N

PROJECT No FG5404 SURFACE R.L. 10.22 DATE STARTED 07/06/02 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 07/06/02 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	J	VL	EL	20	60				200	600	2000
0	10.22					SILT (Topsoil) Grey. SILTY SAND and Gravel (Fill) Pale grey-brown, dry, medium dense. Sand is fine-coarse grained with gravelly fragments up to 30mm size. Contains some iron cemented fragments in parts.																
	10.12																					
1																						
	8.72																					
2						CLAYEY SAND and GRAVEL (Fill?) Pale brown, mottled orange in parts, moist, medium dense. Varies to stiff Sandy Clay, is slightly cemented or has minor charcoal fragments in parts. Gravel up to 15mm size.																
	7.72																					
3	7.22					CLAYEY SAND (Residual) Pale grey, orange iron staining, fine grained, moist, medium dense. Varies to Sandy Clay in parts.	SC															
4	6.22					SANDSTONE Pale grey, minor orange iron staining throughout, fine grained, friable. Relict rock structure visible in parts. Contains some thin Shale bands in parts.	XW															
	5.77					Pale grey with minor orange iron staining.	HW															
5						Borehole terminated at 4.45m																
6																						
7																						
8																						
9																						
10																						

REMARKS No standing groundwater encountered at time of drilling.

LOGGED BY
JML