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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 AH3

SHEET 1 of 1

REFERENCE No H9669

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Near Logan Motorway. About Chainage 440m, 37m right of control MCJ1-C. COORDINATES 30100.5 E; 147360.7 N

PROJECT No FG5404 SURFACE R.L. 20.52 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	IN	J	VL	EL			
0	20.52															
	20.12					SILTY GRAVEL / GRAVELLY SILT (Topsoil) Grey, fine grained.									From drillers logs only.	
						SILTY SAND (Fill) Brown, fine grained, slightly moist. Minor gravel up to 10mm size in parts. Very dense.									9,25,25 N=50	SPT
1	19.52					CLAYEY SAND (Fill) Grey - brown, fine grained, medium dense, moist. Trace organics.									13,17,11 N=28	SPT
	19.02					SANDY CLAY (Fill) Pale grey-brown, minor orange iron staining, fine grained, moist. Firm.									3,2,3 N=5	SPT
2															Geofabric in tube sample.	U48
	18.02					SANDY CLAY (Alluvium) Dark grey, minor orange iron staining in parts, moist, firm. Varies to fine grained Clayey Sand in parts.	CL-SC								5,2,4 N=6	SPT
3	17.52					SILTY CLAY (Alluvium) Pale grey-brown, minor orange iron staining, fine grained, moist, firm. Trace fine sand in parts.	CI								2,2,3 N=5	SPT
	17.02					SAND (Alluvium) Pale grey, coarse grained.									PP(Su) = 196 KPa	U48
4						Fine grained, very moist, medium dense. Trace iron staining in parts.	SP-SW								5,10,15 N=25	SPT
						Fine - medium grained, trace organic matter, wet.									4,9,11 N=20	SPT
5						Trace organics and minor grey clay bands.									8,17,20 N=37	SPT
	15.07					Borehole terminated at 5.45m										
6																
7																
8																
9																
10																

REMARKS No standing groundwater encountered at time of drilling.

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