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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 AH30

SHEET 1 of 1

REFERENCE No H9699

PROJECT IPSWICH MOTORWAY / LOGAN MOTORWAY INTERCHANGE GEOTECHNICAL INVESTIGATION

LOCATION Logan Motorway, About Chainage 1194m, 8m right of control MCB1-C. COORDINATES 30454.1 E; 147248.5 N

PROJECT No FG5404 SURFACE R.L. 22.21 DATE STARTED 09/06/05 DATUM Ipswich Motorway

JOB No 148/17A/57 DATUM AHD DATE COMPLETED 09/06/05 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	22.21					SILTY GRAVEL (Fill) Grey.					From drillers logs only.	
1	21.71					CLAYEY SAND and GRAVEL (Fill) Pale grey, mottled orange - brown, fine grained, moist, loose. Contains gravel up to 30mm size. Varies to Sandy Clay and Gravel in parts.					7,5,4 N=9 MC=13.6%	SPT
1	20.71					SANDSTONE Pale grey, minor yellow - brown iron staining, fine grained, moist, loose. Exhibits properties of Clayey Sand. Varies to firm - stiff Sandy Clay in parts.					1,3,6 N=9 MC=13%	SPT
2						Resembles pale grey sandy clay, minor orange iron staining, moist, stiff. Possible faint fabric and occasional kernels of XW Clayey Sandstone 5mm size.					2,2,6 N=8 MC=15.8%	SPT
3						Mottled grey / brown, moist. Gravelly in parts. Medium dense.					4,5,6 N=11 MC=13.2%	SPT
4							XW				3,5,8 N=13 MC=18.4%	SPT
5											3,5,7 N=12 MC=22%	SPT
6											3,4,6 N=10 MC=24.4%	SPT
6											4,6,8 N=14 MC=23.6%	SPT
6											3,6,5 N=11 MC=25%	SPT
6											3,3,7 N=10 MC=27%	SPT
6											3,6,8 N=14 MC=29.6%	SPT
6											3,9,17 N=26 MC=25.6%	SPT
6	15.76					Engineering properties of medium dense Clayey Silty Sand.						
7						Borehole terminated at 6.45m						
8												
9												
10												

REMARKS _____

LOGGED BY
JML