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**Queensland
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**GEOTECHNICAL
BOREHOLE LOG**

FOR GEOTECHNICAL TERMS AND
SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No **BH206**

Sheet 1 of 1

REFERENCE No **H12151**

PROJECT	Ipswich Motorway Upgrade - Rocklea to Darra		
LOCATION	Gantry Sign	COORDINATES 499123.6 E; 6951116.0 N	
PROJECT No	FG6202	SURFACE RL 8.81m	PLUNGE 90°
			DATE STARTED 06/05/2015
			GRID DATUM MGA94 Z56
JOB No	201/416/003	HEIGHT DATUM AHD	BEARING °
			DATE COMPLETED 06/05/2015
			DRILLER North Coast

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CONE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH		DEFECT SPACING		ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH VH H M J VI EI	EC VC C M W VW EW				
8.61					Sandy Silty CLAY (Top Soil) Brown, moist, soft. Low to medium plasticity.	(CL)							
1				A	Sandy Gravel with Clay (Residual) Brown yellow, moist, medium dense.	(GP)						14, 8, 6 N=14	SPT
7.21				B	Fine to coarse angular to sub angular gravel, fine to coarse sand.							25, 30/50mm	SPT
2					Sandy CLAY (Residual) Dark brown grey, moist, hard. Low plasticity, minor angular to subangular gravel.	(CL)							
3	5.81			C	SANDSTONE (Tod) HW: Grey purple yellow, fine grained, bedded, low to medium strength. Thinly laminated Siltstone bands in parts (>200mm).							Is(50)=0.20 MPa Is(50)=0.29 MPa	A (3.40m) D (3.45m)
4			100 (0)		- Js; 40° (2/m) Pl/Ro, TI, Cly Vr							Is(50)=0.51 MPa Is(50)=0.55 MPa	D (4.35m) A (4.40m)
5			100 (0)		Vr From 5.00-6.00m: BP; 0°-10° (10/m) Pl/Ro, TI, Cly Vr.	HW						Is(50)=0.81 MPa	D (4.64m)
6	2.71		100									Is(50)=0.52 MPa Is(50)=1.10 MPa Is(50)=0.92 MPa	A (5.40m) D (5.50m) A (5.54m)
					Borehole completed at 6.10m								

REMARKS: Tod - Darra formation.	LOGGED BY	REVIEWED BY
	JL/MS	SF

Project Name	Ipswich Motorway Upgrade – Rocklea to Darra		
Project No.	FG6202	Date Completed	06/05/2015
Borehole No.	BH206	Reference Number	H12151
Location	37247.4 E; 151985.3 N	Start Depth (m)	3.1
Submitted By	DP	Finish Depth (m)	6.1
Remarks	-		

