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**Queensland  
Government**

**GEOTECHNICAL  
BOREHOLE LOG**

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

BOREHOLE No **BH207**

Sheet 1 of 1

REFERENCE No **H12152**

PROJECT	Ipswich Motorway Upgrade - Rocklea to Darra		
LOCATION	Gantry Sign	COORDINATES 499104.5 E; 6951154.6 N	
PROJECT No	FG6202	SURFACE RL 7.47m	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
7.17					Sandy CLAY (Top Soil) Brown grey, moist, soft. Medium plasticity.	(CI)							
6.47				A	Gravelly CLAY (Fill) Yellow brown, moist, soft to firm. High plasticity, fine sub angular gravel.	(CH)				1, 2, 2 N=4	SPT		
5.67				B	Silty CLAY (Residual) grey brown, moist, soft. High plasticity.	(CH)				18, 27, 30 N=57	SPT		
4.47				C	SANDSTONE (Tod) XW: Recovered as pale brown pale grey, moist, very dense Silty Sand with HW rock fragments. Fine grained sand, fine to coarse rock fragments.	XW				30/80mm	SPT		
				D	SANDSTONE (Tod) HW: Dark purple grey, fine grained, bedded, extremely low to medium strength. Some Siltstone beds (<500mm). - BP; 0-5° (6/m) Pl/Ro, TI-OP, Cly Ct	HW				30/130mm	SPT		
2.17			(0) 100 (0)		SILTSTONE (Tod) HW: Pale grey yellow brown, fine grained, thinly laminated, extremely low to very low strength. Thin bands of siltstone. (<100mm) Defects: LP at 0-5°- 7/m Generally defects are Pl, Ro, Fe St, Cly Vr.	HW				Is(50)=0.33 MPa Is(50)=0.34 MPa Is(50)=0.91 MPa	A (4.40m) A (4.80m) A (5.30m)		
0.31			100							Is(50)=0.11 MPa Is(50)=0.08 MPa Is(50)=0.65 MPa Is(50)=0.39 MPa	D (6.10m) D (6.40m) A (6.55m) D (6.65m)		
										Is(50)=0.08 MPa Is(50)=0.16 MPa	D (7.05m) A (7.10m)		

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

Project Name	<b>Ipswich Motorway Upgrade – Rocklea to Darra</b>		
Project No.	FG6202	Date Completed	06/05/2015
Borehole No.	BH207	Reference Number	H12152
Location	37228.3 E; 152024.0 N	Start Depth (m)	4.20
Submitted By	DP	Finish Depth (m)	7.16
Remarks	-		

