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## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH02**

Sheet 1 of 3

REFERENCE No **H12324**

PROJECT Veloway (V1) Section D: Stage 2 (Juliette Street)

LOCATION \_\_\_\_\_ COORDINATES 503900.1 E; 6957702.2 N

PROJECT No FG6253b SURFACE RL 11.10m PLUNGE 90° DATE STARTED 23/06/2015 GRID DATUM MGA Zone 56

JOB No \_\_\_\_\_ HEIGHT DATUM AHD BEARING ° DATE COMPLETED 24/06/2015 DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH					DEFECT SPACING					ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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	10.60				Clayey SILT (Fill) Brown, dry, soft. Trace gravel, subrounded.		(ML)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

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REMARKS: Ri = Ipswich Coal Measures

LOGGED BY

REVIEWED BY

C. Boyes

S. Foley



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## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH02**

Sheet 2 of 3

REFERENCE No **H12324**

PROJECT **Veloway (V1) Section D: Stage 2 (Juliette Street)**

LOCATION \_\_\_\_\_ COORDINATES **503900.1 E; 6957702.2 N**

PROJECT No **FG6253b** SURFACE RL **11.10m** PLUNGE **90°** DATE STARTED **23/06/2015** GRID DATUM **MGA Zone 56**

JOB No \_\_\_\_\_ HEIGHT DATUM **AHD** BEARING **°** DATE COMPLETED **24/06/2015** DRILLER **North Coast Drilling**

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE 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	EL	EC	VC	C	M				W	VW	EW	
11				G	SILTSTONE (Ri) XW: Recovered as grey mottled red brown, moist, hard, Silty CLAY. Trace medium to coarse sand, and organic material. High plasticity.																		SPT		
12				H	Becoming dark grey mottled brown. Organic fraction increasing. Sand fraction decreasing.																		14, 23, 30/140	SPT	
13				I	Becoming pale grey. Trace angular gravel.																		15, 24, 30/120	SPT	
14				J	Becoming dark grey.																		18/70mm hb	SPT	
15	-3.50			(0)	TUFFACEOUS SILTSTONE (Ri) HW: Brown grey, laminated to thinly bedded, generally extremely low to low strength. XW Cly zones throughout. Defects: -LP: 5°-10° (1-2/m), Pl/Ro, TI, Cly Vr -J's: 25°-30° (3/m), Pl/Sm, TI, Cly -J's: 80°-90° (<1/m), Pl-Un/Sm, Cly Vr		HW																		
16				100 (26)			XW																15.14m-15.34m: BZ Cly 15.74m-15.76m: XW Cly Zone 15.80m-15.81m: XW Cly	Is(50)=0.20 MPa Is(50)=0.15 MPa	A (16.10m) D (16.12m)
17				100 (17)			HW																16.45m-16.49m: BZ 16.52m-16.65m: BZ		
18				100 (90)	From 17.0m: Becoming interbedded with fine to medium Sandstone.		HW																17.50m-17.63m: Sandstone Interbed, medium grained.	Is(50)=0.06 MPa Is(50)=0.19 MPa	D (17.50m) A (17.56m)
19				100 (92)	Defects: -LP/BP: 5°-10° (5-6/m), Pl/Ro, TI, Cly Vr		XW																18.42m-18.43m: BZ Cly, DI 18.82m-18.83m: XW Cly 19.22m-19.23m: DI BZ 19.64m-19.66m: Cly Zone	Is(50)=0.12 MPa Is(50)=0.32 MPa	D (18.80m) A (18.85m)
	-8.90			100 (87)			HW																		

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REMARKS: Ri = Ipswich Coal Measures

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BOREHOLE No **BH02**  
Sheet 3 of 3  
REFERENCE No **H12324**

PROJECT Veloway (V1) Section D: Stage 2 (Juliette Street)

LOCATION \_\_\_\_\_ COORDINATES 503900.1 E; 6957702.2 N

PROJECT No FG6253b SURFACE RL 11.10m PLUNGE 90° DATE STARTED 23/06/2015 GRID DATUM MGA Zone 56

JOB No \_\_\_\_\_ HEIGHT DATUM AHD BEARING ° DATE COMPLETED 24/06/2015 DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE 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	VL	EL	EC	VC	C	M	W			VW	EW	
	-9.40		100		TUFFACEOUS SILTSTONE (Ri) HW: Cont'd	...	HW									LM			M				Is(50)=0.09 MPa Is(50)=0.23 MPa	D (20.10m) A (20.16m)
					Borehole completed at 20.50m																		20.47m: Becoming sandy. Coarse grained.	
21																								
22																								
23																								
24																								
25																								
26																								
27																								
28																								
29																								

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