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**Queensland  
Government**

## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH30**

Sheet 1 of 2

REFERENCE No **H12293**

PROJECT **Veloway 1 Stage E: Birdwood to Gaza Road**

LOCATION **M3 Offramp Overpass**

COORDINATES **505712.1 E; 6954227.0 N**

PROJECT No **FG6253** SURFACE RL **44.20m** PLUNGE **90°** DATE STARTED **23/06/2015** GRID DATUM **MGA94 Zone 56**

JOB No **201/C001/4** 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		
1	43.06				Silty SAND (Residual) Brown, dry. Fine to medium grained. Rootlets throughout.						
				A	ARGILLITE (Dcf) XW: Grey brown to orange, fine grained, foliated, extremely low to low strength.						
2							XW				
			(0)							2.50m-2.56m: Clay Seam 2.59m-2.64m: Clay Sea 2.67m-2.70m: Clay Seam 2.80m-2.95m: Clay Seam	
3	40.90		100 (0)								
					ARGILLITE (Dcf) HW: Red brown to orange grey, fine grained, weakly foliated, very low to low strength. Ironstaining throughout.					3.47m-3.62m: Cly zone.	
4							HW				
			94 100 (0)							4.46m-4.49m: Qz Vn, BZ 4.70m-4.80m: Cly Zone. 4.85m: Minor Qz Vn	
5											
	38.48									5.67m-5.72m: Qz Vn, 35°	
6			100 (0)		METAGREYWACKE (Dcf) HW: Brown orange grey, fine to medium grained, weakly foliated, extremely low to low strength. Extremely weathered zones throughout.						
										Is(50)=0.07 MPa D (6.16m) Is(50)=0.16 MPa A (6.20m)	
7							HW			6.48m-6.60m: XW, Clayey SAND 6.72m-6.79m: XW, Clayey SAND 6.89m-6.94m: XW Zone, Clayey SAND 7.00m-7.05m: XW Zone, Clayey SAND 7.10m-7.25m: XW Zone, Clayey SAND 7.31m-7.37m: XW Zone, Clayey SAND 7.62m-7.90m: XW Zone, Clayey SAND	
8			100 (42)								
	35.60						MW				
9			100 (14)		ARGILLITE (Dcf) MW: Pale grey with dark grey, fine grained, foliated, low to medium strength. Minor alteration zones. With minor metagreywacke beds. Defects:					8.80m-8.95m: BZ,	
										Is(50)=0.17 MPa D (8.53m) Is(50)=0.31 MPa A (8.57m) Is(50)=0.35 MPa D (8.90m) Is(50)=0.59 MPa A (8.93m)	
	34.20		100 (27)				MW			9.75m-9.80m: BZ, DI	

Continued on next sheet

REMARKS: Dcf - Neranleigh Fernvale Beds.

LOGGED BY

REVIEWED BY

T.Goosey

S.Foley



**Queensland  
Government**

## GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH30**

Sheet 2 of 2

REFERENCE No **H12293**

PROJECT **Veloway 1 Stage E: Birdwood to Gaza Road**

LOCATION **M3 Offramp Overpass**

COORDINATES **505712.1 E; 6954227.0 N**

PROJECT No **FG6253**

SURFACE RL **44.20m**

PLUNGE **90°**

DATE STARTED **23/06/2015**

GRID DATUM **MGA94 Zone 56**


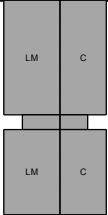

JOB No **201/C001/4**

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		
11	32.70		100 (0)		-FP: 25°-35° (8/m), Pl/Ro, TI, FeSt, Cly Vr. -J's: 40°-50° (3-4/m), Pl/Ri, TI, FeSt, Cly Vr. ARGILLITE (Dcf) MW: Cont'd. Defects (from 10.0m): -FP's: 50°-60° (4-5/m), Pl/Ro, TI, FeSt, some Cly Vr. -J's: 15°-25° (4-5/m), Pl/Ro-Sm, TI, FeSt, Cly Vr		MW															
12			100		Borehole completed at 11.50m																	
13																						
14																						
15																						
16																						
17																						
18																						
19																						

REMARKS: Dcf - Neranleigh Fernvale Beds.

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REVIEWED BY

T.Goosey

S.Foley

# CORE PHOTO LOG

DEPARTMENT OF TRANSPORT & MAIN ROADS  
Geotechnical Branch  
35 Butterfield Street, HERSTON Qld 4006  
Phone 07 3066 3336



Department of  
Transport and Main Roads

Project Name	Veloway (V1), Section E: Birdwood to Gaza Road		
Project No	FG6253	Date	24/06/15
Borehole No	BH 30	TMR H No	12293
Location	M3 Offramp Overpass	Start Depth (m)	2.5
Detail		Finish Depth (m)	11.5
Chainage		Submitted By	TJG
Remarks			

