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Queensland Government

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH03**

Sheet 1 of 1

REFERENCE No **H12192**

PROJECT	Veloway 1 Stage E: Birdwood to Gaza Road		
LOCATION	Bridge over Marshall Rd and Bapaume Rd.		COORDINATES 505453.9 E; 6955397.0 N
PROJECT No	FG6253	SURFACE RL 19.48m	PLUNGE 90°
			DATE STARTED 10/06/2015
			GRID DATUM MGA94 Zone 56
JOB No	201/C001/4	HEIGHT DATUM AHD	BEARING °
			DATE COMPLETED 10/06/2015
			DRILLER North Coast Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASH BORING CORE DRILLING	ROD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS			
												EH	VH	H
19.18					Silty Clayey SAND (Topsoil) Brown, moist.		(SC)							
1				A	Silty Clayey SAND (Alluvium) Brown mottled grey, dry, fine to coarse grained, medium dense.		(SC)				8, 14, 7 N=21 SPT			
17.08				B	Becoming Silty Gravelly SAND: Grey, wet. Fine to coarse grained.						3, 2, 10 N=12 SPT			
3				C	ARGILLITE (Dcf) XW: Recovered as dark grey, moist, hard, Silty CLAY. Trace gravel (HW rock fragments).		XW				30/140 hb SPT			
15.98				(0)	METAGREYWACKE (Dcf) MW: Orange brown, fine to medium grained, weakly foliated, medium to high strength.		MW							
4			100		Defects: -FP: 50°-65° (10-12/m) Pl/Ro, FL, Cly Vr/Ct		HW							
			(0)				MW							
			100				HW							
			(0)				MW							
13.98			100		METAGREYWACKE (Dcf) SW: Blue grey, fine to medium grained, weakly foliated, high to very high strength.		SW							
6			(60)		Defects: -FP: 45°-50° (4-5/m) Pl/Ro, TI, Cly Vr or Cn.									
			100		-J's: 10°-15° (6/m) Pl/Ro, TI, Cn.									
12.88					Borehole completed at 6.60m									
7														
8														
9														

REMARKS: Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental testing.	LOGGED BY	REVIEWED BY
	TJG	SF

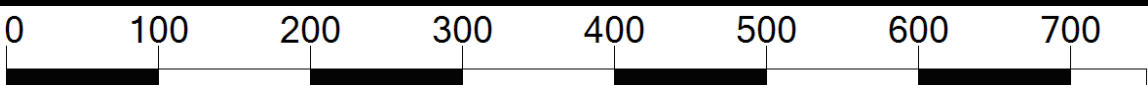
CORE PHOTO LOG

DEPARTMENT OF TRANSPORT & MAIN ROADS
 Geotechnical Branch
 35 Butterfield Street, HERSTON Qld 4006
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Department of
 Transport and Main Roads

Project Name	Velway (V1), Section E: Birdwood to Gaza Road		
Project No	FG6253	Date	10/06/15
Borehole No	BH03	TMR H No	12192
Location	Bridge over Marshall Rd and Bapaume Rd	Start Depth (m)	3.5
Detail		Finish Depth (m)	6.5
Chainage		Submitted By	TJG
Remarks			



SCALE 1:5