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**Queensland
Government**

**GEOTECHNICAL
BOREHOLE LOG**

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

BOREHOLE No **BH07**

Sheet 1 of 1

REFERENCE No **H12195**

PROJECT	Veloway 1 Stage E: Birdwood to Gaza Road								
LOCATION	Bridge over Marshall Rd and Bapaume Rd.			COORDINATES 505505.2 E; 6955301.6 N					
PROJECT No	FG6253	SURFACE RL	22.70m	PLUNGE	90°	DATE STARTED	23/06/2015	GRID DATUM	MGA94 Zone 56
JOB No	201/C001/4	HEIGHT DATUM	AHD	BEARING	°	DATE COMPLETED	23/06/2015	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
22.30					Silty SAND (Topsoil) Dark brown, fine to coarse grained, dry. Rootlets throughout.	(SM)					
1				A	Sandy CLAY (Fill) Brown, fine to medium grained, moist, firm. Medium plasticity. Trace fine to medium gravel.	(CI)				6, 3, 4 N=7	SPT
20.20				B	Sandy CLAY (Residual) Dark brown, wet, stiff. Fine grained.	(CI)				3, 4, 4 N=8	SPT
18.70				C	METAGREYWACKE (Dcf) XW: Recovered as grey brown, fine to medium grained, Clayey SAND. Trace fine gravel.	XW				30/100 hb	SPT
17.20				(100)	METAGREYWACKE (Dcf) SW: Grey, fine to medium grained, weakly foliated, high to very high strength. Defects: J's/FP's: 25°-30° (3/m), Pl/Sm, Tl, FeSt	SW				Is(50)=2.00 MPa Is(50)=1.70 MPa	D (5.55m) A (5.68m)
7				100 (94)	Becoming fine grained.					Is(50)=3.20 MPa Is(50)=3.30 MPa	D (6.82m) A (6.85m)
8				100						Is(50)=1.00 MPa Is(50)=2.10 MPa Is(50)=1.10 MPa	D (8.07m) A (8.10m) D (8.40m)
14.10					Borehole completed at 8.60m						

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

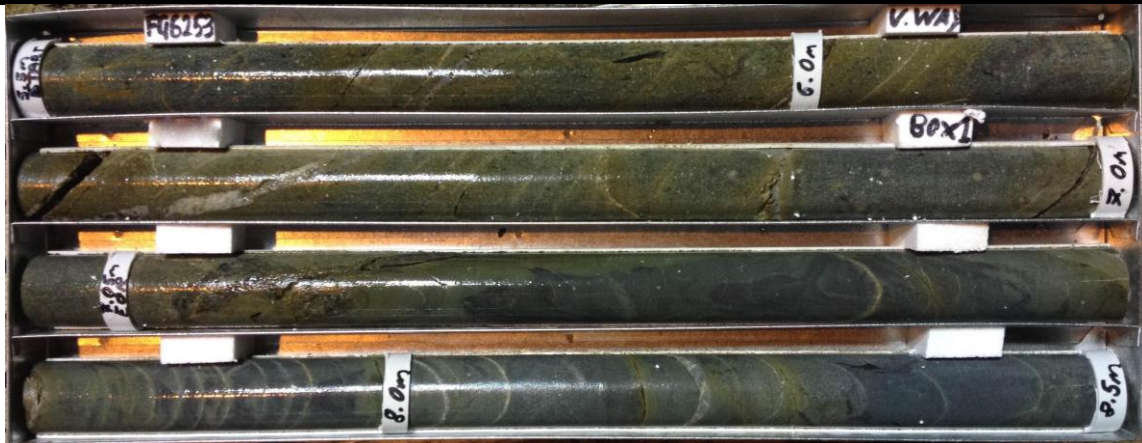
CORE PHOTO LOG

DEPARTMENT OF TRANSPORT & MAIN ROADS
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Department of
 Transport and Main Roads

Project Name	Veloway (V1), Section E: Birdwood to Gaza Road		
Project No	FG6253	Date	23/06/15
Borehole No	BH07	TMR H No	12195
Location	Bridge over Marshall Rd and Bapaume Rd	Start Depth (m)	5.5
Detail		Finish Depth (m)	8.5
Chainage		Submitted By	TJG
Remarks			



SCALE 1:5