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**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH20**

Sheet 1 of 1

REFERENCE No **H12207**

PROJECT	Veloway 1 Stage E: Birdwood to Gaza Road				
LOCATION	Bridge over Steculia Avenue			COORDINATES 505609.9 E; 6954935.2 N	
PROJECT No	FG6253	SURFACE RL	26.34m	PLUNGE	90°
				DATE STARTED	18/06/2015
JOB No	201/C001/4	HEIGHT DATUM	AHD	BEARING	°
				DATE COMPLETED	18/06/2015
				DRILLER	North Coast Drilling

DEPTH (m)	R.L. (m)	AUGER CASING WASHBORING CORE DRILLING	RQD (%) CORE REC %	SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	USCS WEATHERING	INTACT STRENGTH	DEFECT SPACING	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
	25.94				Gravelly Sandy CLAY (Fill) Mottled yellow brown, moist, firm. Low plasticity. Trace organic material.	(CL)					
1	25.24				Silty CLAY (Residual) Pale grey mottled yellow brown, moist, firm. Intermediate plasticity. Trace fine sand.	(CI)					
2				A	Clayey SILT (Residual) Pale grey, moist, very stiff.					6, 7, 11 N=18	SPT
3				B	Becoming hard.	(ML)				13, 22, 20 N=42	SPT
4	21.94										
5			(15)		METAGREYWACKE (Dcf) MW: Brown to grey brown, fine to medium grained, weakly foliated, generally low to medium strength.	HW				4.40m-4.83m: Cly Zone	
6			100 (0)		Argillite beds throughout <50mm.	MW				4.97m-5.04m: Cly Zone 5.08m-5.24m: DI BZ	Is(50)=1.10 MPa Is(50)=0.47 MPa
7			100 (0)		Defects: J's: 20°-40° (2-3/m), Pl-Ir/Ro, TI, Cly Vr, FeSt FP: 60°-80° (1-2/m), Pl/Sm-Ro, TI, Cly Vr, FeSt or FL	HW				5.84m-5.94m: Cly Zone	Is(50)=0.40 MPa
8	17.94		100 (0)			MW					Is(50)=0.22 MPa
9											Is(50)=0.64 MPa Is(50)=0.67 MPa
					Borehole completed at 8.40m						

REMARKS: Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental testing.

LOGGED BY

REVIEWED BY

JL/DC

SF

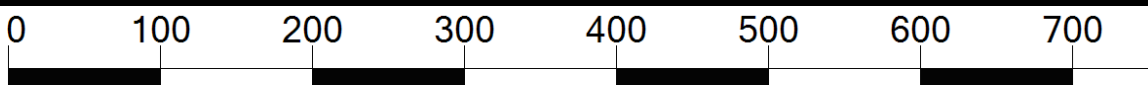
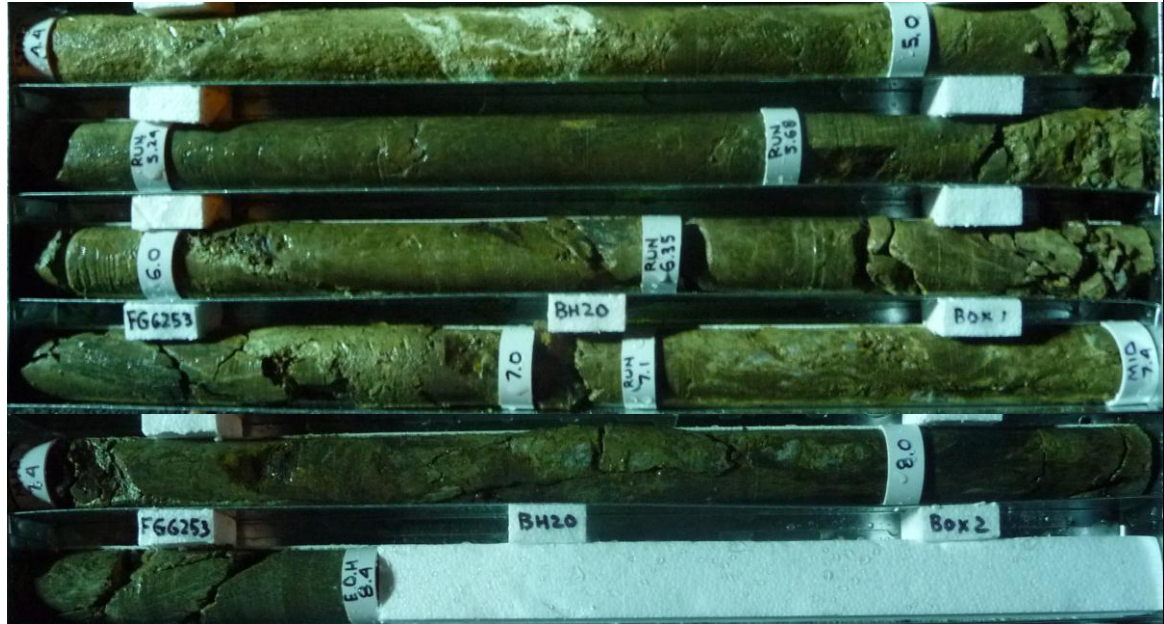
CORE PHOTO LOG

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	18/06/15
Borehole No	BH20	TMR H No	12207
Location	Bridge over Sterculia Avenue	Start Depth (m)	4.4
Detail		Finish Depth (m)	8.4
Chainage		Submitted By	J. Lopez
Remarks			



SCALE 1:5