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Queensland Government

GEOTECHNICAL BOREHOLE LOG

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

FINAL 21/07/2015

BOREHOLE No BH29

Sheet 1 of 1

REFERENCE No H12292

Veloway 1 Stage E: Birdwood to Gaza Road PROJECT M3 Offramp Overpass COORDINATES 505709.3 E; 6954253.6 N LOCATION SURFACE RL 37.49m FG6253 PLUNGE 90° DATE STARTED 26/06/2015 GRID DATUM MGA94 Zone 56 PROJECT No DRILLER North Coast Drilling 201/C001/4 DATE COMPLETED 26/06/2015 JOB No HEIGHT DATUM AHD BEARING ° USCS WEATHERING ADDITIONAL DATA INTACT DEFECT SPACING SAMPLES TESTS LITHOLOGY AND TEST RESULTS SAMPLE STRENGTH RΙ MATERIAL DESCRIPTION CORE REC % ᅾᆍᆂᆂᄝᅼᅿᅖᆝᇛᇰᆟᇎᇂᆘᇰᇕ (ML SILT (Topsoil) Pale brown, dry, soft. Trace sand (GM 36.99 and gravel. Silty GRAVEL Pale orange brown to pale grey, dry, (CL) 5, 12, 18 N=30 36.34 Sandy CLAY (Residual) SPT Orange brown, dry, firm. Sand is fine to coarse. ΧW ARGILLITE (Dcf) XW: Recovered as a grey to orange 30/145 brown, dry, hard, Silty CLAY. 35.29 (0) rom 1.6m: Sand content ncreasing. Trace gravel <10mm METAGREYWACKE (Dcf) ☐ 2.60m-2.81m: Cly zone HW: Pale green grey, fine to MW medium grained, bedded to weakly HW foliated, generally low to medium ___ 3.19m-3.25m: BZ DI HW strength. 3.37m-3.38m: J, 70°, PI/Ro, TI-OP, HW 100 Highly fractured throughout. 3.46m-3.47m: J, 70°, PI/Ro, OP, Cly (9) Defects: MW -J's: 70°-80° (3/m), PI/Sm-Ro, TI, Cly ХW 4.05m-4.06m: J, 70°, PI/Ro, OP, Cly -J's: 25°-30° (15/m), PI/Sm-Ro, TI, 4.29m: J, 30°, Un/Ro, TI, Cly Vi нw Cly Vr -J's: 60° (5/m), PI/Sm, TI, Cly Vr 32.81 METAGREYWACKE (Dcf) MW 4.93m: J, 30°, PI/Sm-Ro, TI, Cly MW: Pale green grey to red brown, MW <10mm. D (5.15m) 32.29 100 fine to medium grained, bedded to Is(50)=0.83 MPa Is(50)=0.56 MPa A (5.17m) _ weakly foliated, generally medium to high strength. Defects: tJ's: 20°-30° (2/m), PI/Sm-Ro, Cly Vr -J's: 70°-85° (2/m), PI/Sm-Ro, TI-OP, Cly Vr, some FeSt Borehole completed at 5.20m REMARKS: Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental **LOGGED BY REVIEWED BY** testing. C.Boyes S.Foley TMR GEOTECHNICAL BOREHOLE LOG - CREATED WITH HOLEBASE SI

CORE PHOTO LOG

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



Project Name	↓ Veloway (V1), 3	Section E: Birav	vood to Gaza Ro	ad	
Project No	FG6253		Date		26/06/15
Borehole No	BH 29		TMF	R H No	12292
Location	M3 Offramp Ov	erpass		t Depth (m)	2.2
Detail				sh Depth (m)	5.2
Chainage			Subi	mitted By	C.B
Remarks					
NONE OF THE PROPERTY OF THE PR	30 WO (1)		and the second s	So of the second	

SCALE 1:5