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Queensland Government

GEOTECHNICAL BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014 FINAL 30/06/2015

BH07

Sheet 1 of 1

BOREHOLE No

H12195

REFERENCE No Veloway 1 Stage E: Birdwood to Gaza Road PROJECT Bridge over Marshall Rd and Bapaume Rd. COORDINATES 505505.2 E; 6955301.6 N LOCATION FG6253 SURFACE RL 22.70m PLUNGE 90° DATE STARTED 23/06/2015 GRID DATUM MGA94 Zone 56 PROJECT No DRILLER North Coast Drilling 201/C001/4 height datum AHD DATE COMPLETED 23/06/2015 JOB No BEARING ° USCS WEATHERING ADDITIONAL DATA INTACT DEFECT SPACING SAMPLES TESTS LITHOLOGY AND TEST RESULTS SAMPLE STRENGTH RΙ DEPTH MATERIAL DESCRIPTION CORE REC % ᅾᆍᆂᆂᄝᅼᅿᅖᆝᇛᇰᆟᇎᇂᆘᇰᇕ Silty SAND (Topsoil) (SM Dark brown, fine to coarse 22.30 grained, dry. Rootlets hroughout Sandy CLAY (Fill) Brown, fine to medium grained, 6, 3, 4 N=7 moist, firm. SPT Medium plasticity. Trace fine to (CI) medium gravel. 20.20 3, 4, 4 N=8 Sandy CLAY (Residual) SPT Dark brown, wet, stiff. Fine grained. (CI) 18.70 30/100 METAGREYWACKE (Dcf) hb XW: Recovered as grey brown, fine to medium grained, Clayey SAND. xw Trace fine gravel. 17.20 (100) METAGREYWACKE (Dcf) D (5.55m) A (5.68m) SW: Grey, fine to medium Is(50)=2.00 MPa Is(50)=1.70 MPa grained, weakly foliated, high to very high strength. Defects: 6.40m: Qz Vn, 75° J's/FP's: 25°-30° (3/m), PI/Sm, TI, FeSt Is(50)=3.20 MPa Is(50)=3.30 MPa D (6.82m) A (6.85m) SW 7.20m-8.10m: Qz FL Foliation 7.24m: J, 75°, Un/Ro, TI, FeSt Becoming fine grained. Is(50)=1.00 MPa Is(50)=2.10 MPa D (8.07m) A (8.10m) Is(50)=1.10 MPa D (8.40m) 14.10 100 Borehole completed at 8.60m REMARKS: Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental **LOGGED BY REVIEWED BY** testing. TJG TMR GEOTECHNICAL BOREHOLE LOG - CREATED WITH HOLEBASE S

CORE PHOTO LOG

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



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			
FGS	15	V.WA)	
		60	
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