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**Queensland
Government**

GEOTECHNICAL BOREHOLE LOG

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

BOREHOLE No **BH21**

Sheet 1 of 1

REFERENCE No **H12285**

PROJECT Veloway 1 Stage E: Birdwood to Gaza Road

LOCATION Embankment/RS Wall

COORDINATES 505625.6 E; 6954860.0 N

PROJECT No FG6253 SURFACE RL 27.56m PLUNGE 90° DATE STARTED 15/06/2015 GRID DATUM MGA94 Zone 56

JOB No 201/C001/4 HEIGHT DATUM AHD BEARING ° DATE COMPLETED 15/06/2015 DRILLER Contract 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
								EH	VH	H	M	J	VI	EL	EC	VC	C	M	W	VW	EW								
	26.96				Sandy SILT (Fill) Brown, moist, firm to stiff. Sand is fine grained. Rootlets throughout. Trace fine gravel.		(SM)																						
1	26.41			A B	Sandy SILT (Residual) Orange brown to brown grey, dry, very stiff to hard. Sand is fine grained. Trace fine gravel. Grading into XW material with depth.		(SM)																				1.10m: Auger refusal.	9, 12/30mm hb	SPT SPT
2					Borehole completed at 1.16m																							30/55mm hb	
3																													
4																													
5																													
6																													
7																													
8																													
9																													

REMARKS: BH completed using 4WD mounted auger rig. Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental testing.

LOGGED BY

D.Colborne

REVIEWED BY

S.Foley