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**Queensland  
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**GEOTECHNICAL  
BOREHOLE LOG**

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

BOREHOLE No **BH22**

Sheet 1 of 1

REFERENCE No **H12286**

PROJECT	Veloway 1 Stage E: Birdwood to Gaza Road		
LOCATION	Embankment	COORDINATES 505662.3 E; 6954653.3 N	
PROJECT No	FG6253	SURFACE RL 27.85m	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
1				A	Silty CLAY (Alluvium) Brown, moist, firm to stiff. Trace fine gravel. Trace organics.	(CI)					3, 5, 4 N=9	SPT	
2	25.95			B	Clayey SAND (Alluvium) Orange brown to mottled grey brown, moist to wet, loose to medium dense. Trace gravel <20mm. Fine to medium grained sand.	(SC)				1.90m: Water table.	1, 3, 4 N=7	SPT	
3				C	From 2.0m: Clay fraction decreasing. Gravel fraction increasing in parts. Becoming Sandy CLAY. Clay fraction increasing.	(SC)					5, 9, 9 N=18	SPT	
4	23.85			D	Clayey Gravelly SAND (Residual?) Orange brown, moist, dense. Gravel is fine to medium grained, subangular to subrounded. Sand is fine to medium grained.	(SP)					7, 16, 17 N=33	SPT	
5	23.25			E	METAGREYWACKE (Dcf) XW: Recovered as a orange brown to grey brown, moist, hard, Silty CLAY.	XW					30/100mm hb	SPT	
6	22.25			F	Trace sand and gravel. Borehole completed at 5.60m					5.60m: Auger Refusal	10/0mm hb	SPT	

REMARKS: BH drilled using 4WD mounted auger rig. Dcf - Neranleigh Fernvale Beds. Soil samples taken from 0.0-0.5m for environmental testing.	<b>LOGGED BY</b>	<b>REVIEWED BY</b>
	D.Colborne	S.Foley