Material Test Report

Report Number: **P18088-2**
Issue Number: 1
Date Issued: 01/11/2018
Client: CV Civil Pty Ltd

Contact: Graeme Cahill
Project Number: P18088
Project Name: Lucas Estate
Project Location: Alfredton
Work Request: 662
Date Sampled: 24/10/2018
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 97% Modified

Geotechnical Testing Services (Southern)
Ballarat Soil and Concrete Testing Laboratory
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Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Bryan Mott
NATA Accredited Laboratory Number: 19506

Compaction Control AS 1289 5.2.1 & 5.4.1 & 5.8.1 & 2.1.1			
Sample Number	D18-662A	D18-662B	D18-662C
Date Tested	24/10/2018	24/10/2018	24/10/2018
Time Tested	08:00	08:14	08:23
Test Request #/Location	Beaston Way	Beaston Way	Beaston Way
Easting	54H 745436	54H 745454	54H 745497
Northing	5841227	5841215	5841227
Elevation (m)	300mm BFSL	300mm BFSL	300mm BFSL
Layer / Reduced Level	Subbase	Subbase	Subbase
Thickness of Layer (mm)	200	200	200
Soil Description	20mm Class 3 Walsh Learmonth	20mm Class 3 Walsh Learmonth	20mm Class 3 Walsh Learmonth
Test Depth (mm)	175	175	175
Oversize (wet basis) %	0	0	0
Oversize (dry basis) %	0	0	0
Fraction Tested (mm)	19.0	19.0	19.0
Field Wet Density t/m^3	2.37	2.42	2.43
Field Moisture Content %	8.7	8.4	8.9
Field Dry Density t/m^3	2.18	2.23	2.23
Maximum Dry Density t/m^3	2.23	2.26	2.26
Adjusted Maximum Dry Density t/m^3	**	**	**
Optimum Moisture Content (OMC) %	8.0	8.0	8.0
Adjusted Optimum Moisture Content (OMC) %	**	**	**
Moisture Variation %	-1.0	-0.5	-1.0
Moisture Ratio %	110.0	103.5	112.5
Density Ratio %	**97.5**	**98.5**	**98.5**
Compaction Method	**Modified**	**Modified**	**Modified**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC