

Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Martin Cook

NATA Accredited Laboratory Number: 828

Report Number: 677094.00-1
Issue Number: 1
Date Issued: 16/04/2019
Client: Roberts Bros
 123 Cooroy Belli Creek Road, Cooroy 4563
Contact: John Roberts
Project Number: 677094.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 4, Pie Creek
Work Request: 5780
Date Sampled: 09/04/2019
Dates Tested: 10/04/2019 - 15/04/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Hilf Density Ratio
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1				
Sample Number	19-5780A	19-5780B	19-5780C	19-5780D
Date Tested	09/04/2019	09/04/2019	09/04/2019	09/04/2019
Time Tested	11:05	11:15	11:25	11:35
Test Request #/Location	Lot 84	Lot 84	Lot 85	Lot 85
Easting	461999	462004	462059	462037
Northing	7096454	7096431	7096436	7096436
Elevation (m)	0.5 < F.L.	F.L.	0.5 < F.L.	F.L.
Soil Description	Sandy Gravelly Clay	Sandy Gravelly Clay	Sandy Gravelly Clay	Sandy Gravelly Clay
Test Depth (mm)	150	150	150	150
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.93	2.04	1.97	2.04
Field Dry Density (FDD) t/m ³	**	**	**	**
Peak Converted Wet Density t/m ³	1.90	2.02	1.98	1.98
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Variation (Wv) %	4.0	3.0	3.0	3.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	101.5	100.5	99.5	103.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC