Material Test Report

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Accredited for compliance with ISO/IEC 17025 - Testing

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NATA Accredited Laboratory Number: 828

Report Number: **677071.00-4**
Issue Number: 1
Date Issued: 14/02/2020
Client: Roberts Bros
123 Cooroy Belli Creek Road, Cooroy 4563
Contact: John Roberts
Project Number: 677071.00
Project Name: Proposed Subdivision
Project Location: The Grange, McIntosh Stage 2, McIntosh Creek
Work Request: 8278
Date Sampled: 30/01/2020
Dates Tested: 30/01/2020 - 31/01/2020
Sampling Method: AS1289 1.2.1 6.4 - Sampling from layers in earthworks or pavement - uncompacted/compacted
Specification: Minimum 95% Standard Hilf Density Ratio
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1						
Sample Number	SS-8278A	SS-8278B	SS-8278C	SS-8278D	SS-8278E	SS-8278F
Date Tested	30/01/2020	30/01/2020	30/01/2020	30/01/2020	30/01/2020	30/01/2020
Time Tested	10:30	10:40	10:50	11:00	11:10	11:20
Test Request #/Location	Lot 14	Lot 14	Lot 13	Lot 13	Lot 12	Lot 12
Easting	464162	464172	464213	464197	464255	464243
Northing	7095735	7095745	7095773	7095768	7095827	7095819
Elevation (m)	0.8 < F.L.	F.F.L.	1.0 < F.L.	0.4 < F.L.	0.8 < F.L.	0.3 < F.L.
Soil Description	Gravelly Clay	Gravelly Clay	Gravelly Clay	Gravelly Clay	Sandy Clay	Sandy Clay
Test Depth (mm)	150	150	150	150	150	150
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0.0	0.0	1.8	10.6	0.0	0.0
Field Wet Density (FWD) t/m^3	1.96	2.06	1.90	2.13	1.92	1.89
Field Dry Density (FDD) t/m^3	**	**	**	**	**	**
Peak Converted Wet Density t/m^3	2.06	2.06	**	**	1.98	1.96
Adjusted Peak Converted Wet Density t/m^3	**	**	2.00	2.09	**	**
Moisture Variation (Wv) %	3.0	3.0	**	**	2.0	2.0
Adjusted Moisture Variation %	**	**	2.0	2.0	**	**
Hilf Density Ratio (%)	**95.0**	**100.0**	**95.0**	**102.0**	**96.5**	**96.5**
Compaction Method	**Standard**	**Standard**	**Standard**	**Standard**	**Standard**	**Standard**

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC