

Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



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NATA Accredited Laboratory Number: 828

Report Number: 681704.00-3
Issue Number: 1
Date Issued: 22/07/2020
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy 4563
Contact: David Roberts
Project Number: 681704.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 4, Pie Creek
Work Request: 9864
Date Sampled: 14/07/2020
Dates Tested: 14/07/2020 - 22/07/2020
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Hilf Density Ratio
Lot Number: 27
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-9864A	SS-9864B	
Date Tested	14/07/2020	14/07/2020	
Time Tested	09:55	10:00	
Test Request #/Location	Lot 27	Lot 27	
Easting	461903	461888	
Northing	7096610	7096605	
Elevation (m)	1.0 < F.L.	F.L.	
Soil Description	Sandy Clay	Sandy Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0.0	0.0	
Field Wet Density (FWD) t/m ³	1.89	1.83	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.90	1.90	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	3.0	1.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	99.5	96.5	
Compaction Method	Standard	Standard	

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC