

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: 681742.00-12
Issue Number: 1
Date Issued: 26/11/2020
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy 4563
Contact: David Roberts
Project Number: 681742.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 5, Pie Creek
Work Request: 11184
Date Sampled: 09/11/2020
Dates Tested: 10/11/2020 - 12/11/2020
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: 13
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11184A	SS-11184B	
Date Tested	09/11/2020	09/11/2020	
Time Tested	10:20	10:30	
Test Request #/Location	Lot 13	Lot 13	
Easting	461735	461732	
Northing	70966760	7096681	
Elevation (m)	0.8m < F.L.	0.3m < 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	
Field Wet Density (FWD) t/m ³	2.01	2.04	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.00	1.97	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	3.5	2.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	100.5	103.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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