

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: 681742.00-24
Issue Number: 1
Date Issued: 10/12/2020
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: 11425
Date Sampled: 26/11/2020
Dates Tested: 26/11/2020 - 03/12/2020
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: 10
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11425A	SS-11425B	
Date Tested	26/11/2020	26/11/2020	
Time Tested	12:34	12:38	
Test Request #/Location	Lot 10	Lot 10	
Easting	5310262	5325263	
Northing	2302022	2303494	
Elevation (m)	0.3 < F.L	0.7 < F.L	
Soil Description	Sandy Gravelly Clay	Sandy Gravelly Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	4	
Field Wet Density (FWD) t/m ³	1.98	1.97	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.93	**	
Adjusted Peak Converted Wet Density t/m ³	**	2.07	
Moisture Variation (Wv) %	3.5	**	
Adjusted Moisture Variation %	**	2.5	
Hilf Density Ratio (%)	102.5	95.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC