

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: 681742.00-26
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: 11428
Date Sampled: 26/11/2020
Dates Tested: 26/11/2020 - 02/12/2020
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: 20
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11428A	SS-11428B	
Date Tested	26/11/2020	26/11/2020	
Time Tested	12:58	13:02	
Test Request #/Location	Lot 20	Lot 20	
Easting	5008642	5004256	
Northing	2144235	2149998	
Elevation (m)	0.3 < F.L	1.1 < 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	3	
Field Wet Density (FWD) t/m ³	2.09	2.00	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.98	**	
Adjusted Peak Converted Wet Density t/m ³	**	1.97	
Moisture Variation (Wv) %	5.0	**	
Adjusted Moisture Variation %	**	5.0	
Hilf Density Ratio (%)	105.5	101.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC