

Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Shae Harry
Laboratory Manager

NATA Accredited Laboratory Number: 828

Report Number: 681742.00-6
Issue Number: 1
Date Issued: 11/11/2020
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: 11090
Date Sampled: 02/11/2020
Dates Tested: 02/11/2020 - 03/11/2020
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
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11090A	SS-11090B	
Date Tested	02/11/2020	02/11/2020	
Time Tested	09:00	09:05	
Test Request #/Location	Bulk Earthworks Lot 35	Bulk Earthworks Lot 35	
Easting	461787	461787	
Northing	7096393	7096385	
Elevation (m)	0.8<F.L	0.3<F.L	
Soil Description	Clayey Sand	Clayey Sand	
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	1.80	1.75	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.79	1.90	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	3.5	2.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	100.5	92.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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