

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

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Report Number: 681742.00-33
Issue Number: 1
Date Issued: 18/02/2021
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: 11956
Date Sampled: 08/02/2021
Dates Tested: 09/02/2021 - 11/02/2021
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



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Shae Harry
 Laboratory Manager

Laboratory Accreditation Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11956A	SS-11956B	
Date Tested	08/02/2021	08/02/2021	
Time Tested	02:45	02:50	
Test Request #/Location	Bulk Earthworks Lot 19	Bulk Earthworks Lot 19	
Easting	461550	461533	
Northing	7096456	7096449	
Layer / Reduced Level	1.0 < F.L.	0.3 < F.L.	
Soil Description	**	**	
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	2.10	2.21	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.01	2.09	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	1.0	0.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	104.5	105.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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