

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

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Report Number: 681742.00-9
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: 11094
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

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Shae Harry
 Laboratory Manager

NATA Accredited Laboratory Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-11094A	SS-11094B	
Date Tested	02/11/2020	02/11/2020	
Time Tested	08:15	08:20	
Test Request #/Location	Bulk Earthworks Lot 34	Bulk Earthworks Lot 34	
Easting	461650	461691	
Northing	7096391	7096385	
Elevation (m)	0.6 < 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	1.87	1.99	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.97	1.95	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	1.5	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	95.0	102.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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