

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

1/28 Kessling Avenue Kunda Park QLD 4556

Phone: (07) 5351 0400

Fax: (07) 5351 0499

Email: Shae.Harry@douglaspartners.com.au

Report Number: 681742.00-34
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: 11957
Date Sampled: 08/02/2021
Dates Tested: 09/02/2021 - 12/02/2021
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-11957A	SS-11957B	SS-11957C
Date Tested	08/02/2021	08/02/2021	08/02/2021
Time Tested	03:07	03:12	03:20
Test Request #/Location	Bulk Earthworks Lot 22	Bulk Earthworks Lot 22	Bulk Earthworks Lot 22
Easting	461705	461704	461725
Northing	7096568	7096552	7096562
Layer / Reduced Level	0.3 < F.L.	1.0 < F.L.	1.5 < F.L.
Soil Description	**	**	**
Test Depth (mm)	150	150	150
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Field Wet Density (FWD) t/m ³	2.05	2.02	2.02
Field Dry Density (FDD) t/m ³	**	**	**
Peak Converted Wet Density t/m ³	1.97	2.01	1.95
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Moisture Variation (Wv) %	1.0	-0.5	-0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	104.0	100.5	103.5
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

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