Material Test Report

Douglas Partners
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: martin.cook@douglaspartners.com.au

Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Martin Cook
Assistant Laboratory Manager
NATA Accredited Laboratory Number: 828

Report Number: **681704.00-5**
Issue Number: 1
Date Issued: 22/07/2020
Client: Roberts Bros Pty Ltd
123 Cooroy Belli Creek Road, Cooroy 4563
Contact: David Roberts
Project Number: 681704.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 4, Pie Creek
Work Request: 9866
Date Sampled: 14/07/2020
Dates Tested: 14/07/2020 - 21/07/2020
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: 29
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-9866A	SS-9866B	
Date Tested	14/07/2020	14/07/2020	
Time Tested	10:15	10:20	
Test Request #/Location	Lot 29	Lot 29	
Easting	461928	461910	
Northing	7096458	7096455	
Elevation (m)	1.0 < F.L.	0.2 < F.L.	
Soil Description	Sandy Clay	Sandy Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0.0	0.0	
Field Wet Density (FWD) t/m^3	1.93	2.15	
Field Dry Density (FDD) t/m^3	**	**	
Peak Converted Wet Density t/m^3	2.02	1.99	
Adjusted Peak Converted Wet Density t/m^3	**	**	
Moisture Variation (Wv) %	3.0	2.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	**96.0**	**108.0**	
Compaction Method	**Standard**	**Standard**	

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC