

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: 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: 681704.00-27
Issue Number: 1
Date Issued: 21/08/2020
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: 10196
Date Sampled: 12/08/2020
Dates Tested: 12/08/2020 - 18/08/2020
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: 37
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-10196A		
Date Tested	12/08/2020		
Time Tested	09:40		
Test Request #/Location	Lot 37		
Easting	461899		
Northing	7096365		
Elevation (m)	0.3 < F.L.		
Soil Description	Sandy Clay		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m ³	2.01		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	1.94		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	2.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	103.5		
Compaction Method	Standard		

Moisture Variation Note:

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