

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

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Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Martin Cook

Assistant Laboratory Manager

Laboratory Accreditation Number: 828

Report Number: 212940.00-1
Issue Number: 1
Date Issued: 24/02/2022
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: David Roberts
Project Number: 212940.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 6, Pie Creek QLD
Work Request: 16899
Date Sampled: 16/02/2022
Dates Tested: 17/02/2022 - 18/02/2022
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
Location: Bulk Earthworks
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-16899A		
Date Tested	16/02/2022		
Time Tested	14:15		
Test Request #/Location	Lot 125		
Easting	462091		
Northing	7096230		
Layer / Reduced Level	0.3 < F.L.		
Thickness of Layer (mm)	150		
Soil Description	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	1.97		
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) %	1.0		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	101.5		
Compaction Method	Standard		
Report Remarks	**		

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