

Material Test Report

Report Number: 212940.00-3
Issue Number: 1
Date Issued: 02/03/2022
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: 16990
Date Sampled: 21/02/2022
Dates Tested: 22/02/2022 - 25/02/2022
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: Roadworks
Material Source: Onsite



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Martin Cook
Assistant Laboratory Manager
Laboratory Accreditation Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1

Sample Number	SS-16990A		
Date Tested	21/02/2022		
Time Tested	13:25		
Test Request #/Location	Lot 124		
Easting	0462104		
Northing	7096256		
Elevation (m)	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	1.99		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	1.96		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	2.5		
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