

# 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 <sup>3</sup>	1.99		
Field Dry Density (FDD) t/m <sup>3</sup>	**		
Peak Converted Wet Density t/m <sup>3</sup>	1.96		
Adjusted Peak Converted Wet Density t/m <sup>3</sup>	**		
Moisture Variation (Wv) %	2.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	<b>101.5</b>		
Compaction Method	<b>Standard</b>		
Report Remarks	**		

## Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC