

# Material Test Report



Geotechnics | Environment | Groundwater

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Accredited for compliance with ISO/IEC 17025 - Testing



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NATA Accredited Laboratory Number: 828

**Report Number:** 681704.00-32  
**Issue Number:** 1  
**Date Issued:** 27/08/2020  
**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:** 10224  
**Date Sampled:** 14/08/2020  
**Dates Tested:** 14/08/2020 - 26/08/2020  
**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:** 119  
**Material Source:** Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-10224A		
Date Tested	14/08/2020		
Time Tested	12:05		
Test Request #/Location	Lot 119		
Easting	462144		
Northing	7096585		
Layer / Reduced Level	F.L.		
Soil Description	Gravelly 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>	2.13		
Field Dry Density (FDD) t/m <sup>3</sup>	**		
Peak Converted Wet Density t/m <sup>3</sup>	2.08		
Adjusted Peak Converted Wet Density t/m <sup>3</sup>	**		
Moisture Variation (Wv) %	2.0		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	<b>102.5</b>		
Compaction Method	<b>Standard</b>		

**Moisture Variation Note:**

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