

Material Test Report

Report Number: 202810.00-13
Issue Number: 1
Date Issued: 24/05/2021
Client: Roberts Bros Pty Ltd
123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: John Roberts
Project Number: 202810.00
Project Name: Proposed Subdivision
Project Location: Chatsworth Estate, Stage 3A, Chatsworth
Work Request: 12824
Date Sampled: 13/05/2021
Dates Tested: 13/05/2021 - 18/05/2021
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
Lot Number: 51
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-12824A	SS-12824B	
Date Tested	13/05/2021	13/05/2021	
Time Tested	11:18	11:28	
Test Request #/Location	Lot 51	Lot 51	
Easting	462663	462646	
Northing	7108618	7108620	
Elevation (m)	0.8 < F.L.	0.3 < F.L.	
Soil Description	Gravelly Clay	Gravelly Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	37.5	19.0	
Percentage of Wet Oversize (%)	18	13	
Field Wet Density (FWD) t/m ³	2.18	2.12	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.18	2.14	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	1.5	2.0	
Hilf Density Ratio (%)	100.0	99.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC