

Material Test Report

Report Number: 205535.00-10
Issue Number: 1
Date Issued: 19/07/2021
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: John Roberts
Project Number: 205535.00
Project Name: Proposed Subdivision
Project Location: Chatsworth Estate, Stage 4, Chatsworth QLD
Work Request: 13597
Date Sampled: 14/07/2021
Dates Tested: 15/07/2021 - 16/07/2021
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: 70
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-13597A	SS-13597B	
Date Tested	14/07/2021	14/07/2021	
Time Tested	13:04	13:10	
Test Request #/Location	Lot 70	Lot 70	
Easting	462794	462815	
Northing	7108022	7108043	
Layer / Reduced Level	0.2 < F.L	0.45 < F.L	
Soil Description	Gravelly Clay	Gravelly Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	10	8	
Field Wet Density (FWD) t/m ³	2.14	2.04	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.09	2.09	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	4.0	2.0	
Hilf Density Ratio (%)	102.5	97.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC