

Material Test Report

Report Number: 202810.00-15
Issue Number: 1
Date Issued: 28/05/2021
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: 12906
Date Sampled: 20/05/2021
Dates Tested: 20/05/2021 - 26/05/2021
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
Material Source: Onsite



Accredited for compliance with ISO/IEC 17025 - Testing

 Approved Signatory: Shae Harry
 Laboratory Manager

Laboratory Accreditation Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-12906A	SS-12906B	
Date Tested	20/05/2021	20/05/2021	
Time Tested	11:52	12:03	
Test Request #/Location	Lot 53	Lot 53	
Easting	462543	462535	
Northing	7108633	7108617	
Elevation (m)	1.2 < F.L.	0.25 < F.L.	
Soil Description	Silty Clay	Gravelly Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	37.5	
Percentage of Wet Oversize (%)	0	18	
Field Wet Density (FWD) t/m ³	1.96	2.19	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.99	**	
Adjusted Peak Converted Wet Density t/m ³	**	2.14	
Moisture Variation (Wv) %	-3.5	**	
Adjusted Moisture Variation %	**	2.0	
Hilf Density Ratio (%)	98.5	102.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC