

Material Test Report

Report Number: 205535.00-36
Issue Number: 1
Date Issued: 24/02/2022
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: 16882
Date Sampled: 16/02/2022
Dates Tested: 16/02/2022 - 18/02/2022
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: 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-16882A	SS-16882B	
Date Tested	16/02/2022	16/02/2022	
Time Tested	13:00	13:10	
Test Request #/Location	Bulk Earthworks Lot 87	Bulk Earthworks Lot 87	
Easting	462468	462451	
Northing	7107883	7107884	
Elevation (m)	0.3 < F.L.	0.8 < F.L.	
Thickness of Layer (mm)	150	150	
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 (%)	0	0	
Field Wet Density (FWD) t/m ³	2.18	2.21	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.05	2.20	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	2.5	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	106.5	100.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC