

Material Test Report

Report Number: 205535.00-26
Issue Number: 1
Date Issued: 27/08/2021
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: 14074
Date Sampled: 11/08/2021
Dates Tested: 11/08/2021 - 21/08/2021
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: 83
Material Source: Onsite

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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-14074A	SS-14074B	
Date Tested	11/08/2021	11/08/2021	
Time Tested	11:50	12:00	
Test Request #/Location	Lot 83	Lot 83	
Easting	462649	462658	
Northing	7107800	7107791	
Elevation (m)	0.8 < F.L	1.3 < 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 (%)	0	0	
Field Wet Density (FWD) t/m ³	2.16	2.11	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.07	2.08	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	2.0	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	104.0	101.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:
 Positive values = test is dry of OMC
 Negative values = test is wet of OMC