

Material Test Report



Report Number: 205535.00-1
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Client request for lots to be on separate reports
Date Issued: 30/06/2021
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: 13092
Date Sampled: 03/06/2021
Dates Tested: 03/06/2021 - 04/06/2021
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

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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-13092A	SS-13092B	
Date Tested	03/06/2021	03/06/2021	
Time Tested	10:55	11:04	
Test Request #/Location	Lot 81	Lot 81	
Easting	0462608	0462620	
Northing	7108097	7108107	
Elevation (m)	1.6 < F.L	1.0 < F.L	
Soil Description	Gravelly Clay	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	2.08	1.94	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.03	1.97	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	-0.5	-2.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	102.5	98.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

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