

Material Test Report

Report Number: 217466.00-16
Issue Number: 1
Date Issued: 20/02/2023
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: John Roberts
Project Number: 217466.00
Project Name: Proposed Subdivision
Project Location: Mcintosh Park, Stage 3 & 4, Mcintosh Creek QLD
Work Request: 21840
Date Sampled: 20/01/2023
Dates Tested: 20/01/2023 - 07/02/2023
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: 29
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-21840B	SS-21840C	
Date Tested	20/01/2023	20/01/2023	
Time Tested	11:06	11:14	
Test Request #/Location	Lot 29	Lot 29	
Layer / Reduced Level	0.3<F.L.	0.6<F.L.	
Thickness of Layer (mm)	150	150	
Soil Description	Gravelly Sandy Clay	Gravelly Sandy Clay	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	20	16	
Field Wet Density (FWD) t/m ³	2.15	2.16	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	**	**	
Adjusted Peak Converted Wet Density t/m ³	2.11	2.12	
Moisture Variation (Wv) %	**	**	
Adjusted Moisture Variation %	1.0	2.0	
Hilf Density Ratio (%)	102.0	102.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC