

Material Test Report

Report Number: 217466.00-23
Issue Number: 1
Date Issued: 02/03/2023
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: 22296
Date Sampled: 14/02/2023
Dates Tested: 14/02/2023 - 28/02/2023
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: 25
Material Source: Onsite



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-22296A	SS-22296B	
Date Tested	14/02/2023	14/02/2023	
Time Tested	12:00	12:09	
Test Request #/Location	Lot 25	Lot 25	
Easting	0464103	0464118	
Northing	7095782	7095809	
Elevation (m)	0.3 <F.L	0.8 <F.L	
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 (%)	11	0	
Field Wet Density (FWD) t/m ³	2.36	2.12	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	**	2.14	
Adjusted Peak Converted Wet Density t/m ³	2.30	**	
Moisture Variation (Wv) %	**	2.0	
Adjusted Moisture Variation %	2.0	**	
Hilf Density Ratio (%)	103.0	99.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC