

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

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Report Number: 217466.00-30
Issue Number: 1
Date Issued: 22/03/2023
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: 22746
Date Sampled: 09/03/2023
Dates Tested: 09/03/2023 - 21/03/2023
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: 23
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-22746A		
Date Tested	09/03/2023		
Time Tested	10:05		
Test Request #/Location	Lot 23		
Easting	0464168		
Northing	7095884		
Elevation (m)	0.3 <F.L		
Thickness of Layer (mm)	150		
Soil Description	Clayey Sandy Gravel		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	17		
Field Wet Density (FWD) t/m ³	2.19		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	**		
Adjusted Peak Converted Wet Density t/m ³	2.12		
Moisture Variation (Wv) %	**		
Adjusted Moisture Variation %	3.5		
Hilf Density Ratio (%)	103.5		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC