

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

1/28 Kessling Avenue Kunda Park QLD 4556

Phone: (07) 5351 0400

Email: martin.cook@douglaspartners.com.au



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Martin Cook

Assistant Laboratory Manager

Laboratory Accreditation Number: 828

Report Number: 217466.00-12
Issue Number: 1
Date Issued: 09/01/2023
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: 21332
Date Sampled: 08/12/2022
Dates Tested: 08/12/2022 - 22/12/2022
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: 41
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-21332A	SS-21332B	
Date Tested	08/12/2022	08/12/2022	
Time Tested	12:06	12:22	
Test Request #/Location	Lot 41	Lot 41	
Easting	464023	464008	
Northing	7096095	7096068	
Elevation (m)	0.4 <F.L.	0.8 <F.L.	
Thickness of Layer (mm)	150	150	
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	2.19	2.11	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	2.11	2.10	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	0.0	-0.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	104.0	100.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC