

Material Test Report

Report Number: 217466.00-25
Issue Number: 1
Date Issued: 13/03/2023
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: 22539
Date Sampled: 27/02/2023
Dates Tested: 27/02/2023 - 08/03/2023
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: 24
Material Source: Onsite

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

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-22539A		
Date Tested	27/02/2023		
Time Tested	11:45		
Test Request #/Location	Lot 24		
Chainage (m)	0464141		
Location Offset (m)	7095841		
Elevation (m)	0.3 <F.L		
Thickness of Layer (mm)	150		
Soil Description	Gravelly Silty Clay		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m ³	2.18		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	2.13		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	2.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	102.5		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

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

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Geotechnics | Environment | Groundwater

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Approved Signatory: Martin Cook

Assistant Laboratory Manager

Laboratory Accreditation Number: 828

Report Number: 217466.00-21
Issue Number: 1
Date Issued: 01/03/2023
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: 22299
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: 24
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-22299A		
Date Tested	14/02/2023		
Time Tested	12:22		
Test Request #/Location	Lot 24		
Easting	0464146		
Northing	7095849		
Elevation (m)	0.9 <F.L		
Thickness of Layer (mm)	150		
Soil Description	Gravelly Silty Clay		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m ³	2.00		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	2.02		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	1.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	99.0		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC