

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

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Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Martin Cook

Assistant Laboratory Manager

Laboratory Accreditation Number: 828

Report Number: 217466.00-38
Issue Number: 1
Date Issued: 03/05/2023
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: 23365
Date Sampled: 12/04/2023
Dates Tested: 12/04/2023 - 26/04/2023
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: 4
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-23365A		
Date Tested	12/04/2023		
Time Tested	11:40		
Test Request #/Location	Lot 4		
Easting	0464262		
Northing	7096272		
Elevation (m)	0.3 <F.L		
Soil Description	Silty Clay		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	4		
Field Wet Density (FWD) t/m ³	2.14		
Field Dry Density (FDD) t/m ³	**		
Peak Converted Wet Density t/m ³	**		
Adjusted Peak Converted Wet Density t/m ³	2.08		
Moisture Variation (Wv) %	**		
Adjusted Moisture Variation %	1.0		
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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Laboratory Accreditation Number: 828

Report Number: 217466.00-27
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: 22542
Date Sampled: 27/02/2023
Dates Tested: 27/02/2023 - 07/03/2023
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: 4
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-22542A		
Date Tested	27/02/2023		
Time Tested	12:04		
Test Request #/Location	Lot 4		
Easting	0464201		
Northing	7096300		
Elevation (m)	0.7 <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	2.05		
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) %	2.0		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	102.0		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC