

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

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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: 212940.00-4
Issue Number: 1
Date Issued: 04/05/2022
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: David Roberts
Project Number: 212940.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 6, Pie Creek QLD
Work Request: 17573
Date Sampled: 12/04/2022
Dates Tested: 12/04/2022 - 28/04/2022
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: 130
Material Source: Onsite

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-17573A	SS-17573B	
Date Tested	12/04/2022	12/04/2022	
Time Tested	13:18	13:25	
Test Request #/Location	Lot 130	Lot 130	
Easting	462028	462032	
Northing	7096141	7096146	
Elevation (m)	0.3 < F.L.	0.6 < 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	2.05	2.05	
Field Dry Density (FDD) t/m ³	**	**	
Peak Converted Wet Density t/m ³	1.99	1.97	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Moisture Variation (Wv) %	2.5	2.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	103.5	104.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC