Material Test Report

Douglas Partners
Geotechnics / Environment / Groundwater
Douglas Partners Pty Ltd
Sunshine Coast Laboratory
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Report Number:	**217466.00-4**
Issue Number:	1
Date Issued:	21/10/2022
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:	20384
Date Sampled:	13/10/2022
Dates Tested:	13/10/2022 - 19/10/2022
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
Material Source:	Onsite

Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Craig Camm
dp-craig.camm
Laboratory Accreditation Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-20384A		
Date Tested	13/10/2022		
Time Tested	13:39		
Test Request #/Location	Lot 31		
Easting	464054		
Northing	7096005		
Elevation (m)	0.85 < F.L.		
Thickness of Layer (mm)	150		
Soil Description	Clayey Gravel		
Test Depth (mm)	150		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m^3	2.09		
Field Dry Density (FDD) t/m^3	**		
Peak Converted Wet Density t/m^3	1.98		
Adjusted Peak Converted Wet Density t/m^3	**		
Moisture Variation (Wv) %	-0.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	**105.5**		
Compaction Method	**Standard**		
Report Remarks	**		

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC