Material Test Report

Douglas Partners
Geotechnics / Environment / Groundwater
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Report Number:	**205535.00-1**
Issue Number:	3 - *This version supersedes all previous issues*
Reissue Reason:	*Client request for lots to be on separate reports*
Date Issued:	30/06/2021
Client:	Roberts Bros Pty Ltd
	123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact:	John Roberts
Project Number:	205535.00
Project Name:	Proposed Subdivision
Project Location:	Chatsworth Estate, Stage 4, Chatsworth QLD
Work Request:	13092
Date Sampled:	03/06/2021
Dates Tested:	03/06/2021 - 07/06/2021
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: Martin Cook
Assistant Laboratory Manager
Laboratory Accreditation Number: 828

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	SS-13092C	SS-13092D	
Date Tested	03/06/2021	03/06/2021	
Time Tested	11:16	11:22	
Test Request #/Location	Lot 67	Lot 67	
Easting	0462804	0462788	
Northing	7108189	7108193	
Elevation (m)	1.5 < F.L	0.7 < F.L	
Soil Description	Sandy Clay	Sandy 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	2.15	
Field Dry Density (FDD) t/m^3	**	**	
Peak Converted Wet Density t/m^3	2.07	2.06	
Adjusted Peak Converted Wet Density t/m^3	**	**	
Moisture Variation (Wv) %	0.0	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	**99.0**	**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