

Material Test Report

Report Number: 202810.00-1
Issue Number: 1
Date Issued: 20/04/2021
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy QLD 4563
Contact: John Roberts
Project Number: 202810.00
Project Name: Proposed Subdivision
Project Location: Chatsworth Estate, Stage 3A, Chatsworth
Work Request: 12471
Date Sampled: 13/04/2021
Dates Tested: 14/04/2021 - 16/04/2021
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-12471A	SS-12471B	SS-12471C
Date Tested	13/04/2021	13/04/2021	13/04/2021
Time Tested	10:25	10:35	10:45
Test Request #/Location	Lot 42	Lot 42	Lot 42
Easting	462869	462869	462860
Northing	7108266	7108257	7108257
Elevation (m)	1.5 < F.L	1.0 < F.L	0.4 < F.L
Soil Description	Gravelly Clay	Gravelly Clay	Gravelly Clay
Test Depth (mm)	150	150	150
Sieve used to determine oversize (mm)	19.0	37.5	19.0
Percentage of Wet Oversize (%)	19	19	19
Field Wet Density (FWD) t/m ³	2.11	2.20	2.11
Field Dry Density (FDD) t/m ³	**	**	**
Peak Converted Wet Density t/m ³	**	**	**
Adjusted Peak Converted Wet Density t/m ³	2.15	2.15	2.17
Moisture Variation (Wv) %	**	**	**
Adjusted Moisture Variation %	1.5	2.0	2.0
Hilf Density Ratio (%)	98.5	102.5	97.5
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC