

Material Test Report

Report Number: 202810.00-2
Issue Number: 1
Date Issued: 30/04/2021
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: 12606
Date Sampled: 23/04/2021
Dates Tested: 23/04/2021 - 29/04/2021
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-12606A | SS-12606B | SS-12606C |
| Date Tested | 23/04/2021 | 23/04/2021 | 23/04/2021 |
| Time Tested | 08:45 | 08:50 | 08:58 |
| Test Request #/Location | Lot 43 | Lot 43 | Lot 43 |
| Easting | 462868 | 462881 | 462884 |
| Northing | 7108388 | 7108394 | 7108413 |
| Elevation (m) | 0.3 < F.L | 1.2 < F.L | 0.8 < F.L |
| Soil Description | Gravelly Sandy Clay | Gravelly Sandy Clay | Gravelly Sandy Clay |
| Test Depth (mm) | 150 | 150 | 150 |
| Sieve used to determine oversize (mm) | 19.0 | 19.0 | 19.0 |
| Percentage of Wet Oversize (%) | 0 | 0 | 0 |
| Field Wet Density (FWD) t/m ³ | 2.12 | 2.10 | 2.06 |
| Field Dry Density (FDD) t/m ³ | ** | ** | ** |
| Peak Converted Wet Density t/m ³ | 2.09 | 2.08 | 2.08 |
| Adjusted Peak Converted Wet Density t/m ³ | ** | ** | ** |
| Moisture Variation (Wv) % | 0.0 | 0.0 | 0.0 |
| Adjusted Moisture Variation % | ** | ** | ** |
| Hilf Density Ratio (%) | 101.5 | 101.0 | 99.0 |
| Compaction Method | Standard | Standard | Standard |
| Report Remarks | ** | ** | ** |

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC