

Material Test Report

Report Number: 217466.00-22
Issue Number: 1
Date Issued: 02/03/2023
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: 22294
Date Sampled: 14/02/2023
Dates Tested: 14/02/2023 - 28/02/2023
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: 26
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-22294A | SS-22294B | |
| Date Tested | 14/02/2023 | 14/02/2023 | |
| Time Tested | 11:37 | 11:39 | |
| Test Request #/Location | Lot 26 | Lot 26 | |
| Easting | 0464018 | 0464026 | |
| Northing | 7095737 | 7094026 | |
| Elevation (m) | 0.3 <F.L | 0.8 <F.L | |
| Thickness of Layer (mm) | 150 | 150 | |
| Soil Description | Clayey Sandy Gravel | Clayey Sandy Gravel | |
| Test Depth (mm) | 150 | 150 | |
| Sieve used to determine oversize (mm) | 19.0 | 37.5 | |
| Percentage of Wet Oversize (%) | 17 | 19 | |
| Field Wet Density (FWD) t/m ³ | 2.15 | 2.14 | |
| Field Dry Density (FDD) t/m ³ | ** | ** | |
| Peak Converted Wet Density t/m ³ | ** | ** | |
| Adjusted Peak Converted Wet Density t/m ³ | 2.15 | 2.18 | |
| Moisture Variation (Wv) % | ** | ** | |
| Adjusted Moisture Variation % | 1.5 | 1.5 | |
| Hilf Density Ratio (%) | 100.0 | 98.0 | |
| Compaction Method | Standard | Standard | |
| Report Remarks | ** | ** | |

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC