

Material Test Report



Geotechnics | Environment | Groundwater

Douglas Partners Pty Ltd

Sunshine Coast Laboratory

1/28 Kessling Avenue Kunda Park QLD 4556

Phone: (07) 5351 0400

Fax: (07) 5351 0499

Email: martin.cook@douglaspartners.com.au

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Martin Cook
Assistant Laboratory Manager
NATA Accredited Laboratory Number: 828

Report Number: 681704.00-13
Issue Number: 1
Date Issued: 29/07/2020
Client: Roberts Bros Pty Ltd
 123 Cooroy Belli Creek Road, Cooroy 4563
Contact: David Roberts
Project Number: 681704.00
Project Name: Proposed Subdivision
Project Location: Greendale, Stage 4, Pie Creek
Work Request: 9957
Date Sampled: 21/07/2020
Dates Tested: 21/07/2020 - 24/07/2020
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
Lot Number: 117
Material Source: Onsite

| Compaction Control AS 1289 5.7.1 & 5.8.1 | | | |
|--|---------------------------|--|--|
| Sample Number | SS-9957A | | |
| Date Tested | 21/07/2020 | | |
| Time Tested | 11:35 | | |
| Test Request #/Location | Bulk Earthworks - Lot 117 | | |
| Easting | 462139 | | |
| Northing | 7096667 | | |
| Elevation (m) | 0.3 < F.L | | |
| Soil Description | Sandy Clay | | |
| Test Depth (mm) | 150 | | |
| Sieve used to determine oversize (mm) | 19.0 | | |
| Percentage of Wet Oversize (%) | 0.0 | | |
| Field Wet Density (FWD) t/m ³ | 1.96 | | |
| Field Dry Density (FDD) t/m ³ | ** | | |
| Peak Converted Wet Density t/m ³ | 1.92 | | |
| Adjusted Peak Converted Wet Density t/m ³ | ** | | |
| Moisture Variation (Wv) % | 2.5 | | |
| Adjusted Moisture Variation % | ** | | |
| Hilf Density Ratio (%) | 101.5 | | |
| Compaction Method | Standard | | |

Moisture Variation Note:

Positive values = test is dry of OMC
 Negative values = test is wet of OMC