

## Dry Density Ratio Report



Client : <b>Roberts Bros.</b> Address: <b>123 Maple St Cooroy Qld 4563</b> Job Number : <b>G17058</b> Project : <b>Field &amp; Laboratory Testing</b> Location : <b>Stage 2 , Chatsworth</b>	Report Number: <b>G17058 - 10/1</b>  Report Date : <b>1/09/2017</b> Order Number: Test Method: <b>AS1289.5.4.1</b>
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Lab No :	109608	109609	109610	
ID No :	-	-	-	
Lot No :	-	-	-	
Item No :	-	-	-	
Date Sampled :	<b>29/8/2017</b>	<b>29/8/2017</b>	<b>29/8/2017</b>	
Date/Time Tested :	<b>29/8/2017 / 1.35</b>	<b>29/8/2017 / 1.45</b>	<b>29/8/2017 / 1.55</b>	
Material Source :	<b>Site</b>	<b>Site</b>	<b>Site</b>	
For Use As :	<b>Fill</b>	<b>Fill</b>	<b>Fill</b>	
Sample Location :	Lot 20 E 0462363 N 7108154 Approx 1.2m < Final Lvl	Lot 20 E 0462359 N 7108155 Approx 0.6m < Final Lvl	Lot 20 E 0462360 N 7108146 Final Fill Lvl	
Test/Layer Depth (mm)	<b>150 /</b>	<b>150 /</b>	<b>150 /</b>	
Max Size (mm) :	<b>19.0</b>	<b>19.0</b>	<b>19.0</b>	
Oversize Wet (%) :	<b>11</b>	<b>7</b>	<b>8</b>	
Oversize Dry (%) :	<b>12</b>	<b>8</b>	<b>9</b>	
Field Moisture (%) :	<b>8.0</b>	<b>12.0</b>	<b>14.7</b>	
MDR No :	<b>109608</b>	<b>109609</b>	<b>109610</b>	
Assigned MDR :	<b>No</b>	<b>No</b>	<b>No</b>	
Field Dry Density (t/m <sup>3</sup> )	<b>1.90</b>	<b>1.64</b>	<b>1.60</b>	
MDD (t/m <sup>3</sup> ) :	<b>1.99*</b>	<b>1.72*</b>	<b>1.69*</b>	
OMC (%) :	<b>11.5</b>	<b>15.0</b>	<b>19.5</b>	
Variation from OMC	<b>3.5% dry of omc</b>	<b>3% dry of omc</b>	<b>4.5% dry of omc</b>	
Field Density Method :	<b>AS1289.5.8.1</b>	<b>AS1289.5.8.1</b>	<b>AS1289.5.8.1</b>	
MC Method :	<b>AS 1289.2.1.1</b>	<b>AS 1289.2.1.1</b>	<b>AS 1289.2.1.1</b>	
Compactive Effort :	<b>Standard</b>	<b>Standard</b>	<b>Standard</b>	
Moisture Ratio / Spec(%) :	<b>69.5 / -</b>	<b>79.5 / -</b>	<b>76 / -</b>	
Dry Density Ratio (%) :	<b>96.0</b>	<b>96.5</b>	<b>96.0</b>	
Min Dry Dens Ratio (%)	<b>95</b>	<b>95</b>	<b>95</b>	

Remarks :

\* - Denotes corrected for oversize

 <p style="text-align: center;">Accredited for compliance with ISO/IEC 17025-Testing</p>	APPROVED SIGNATORY  Mel Burnett NATA Accred No:1551	FORM NUMBER  <b>REP ANUC-1-3</b>
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