

Dry Density Ratio Report



Client : Roberts Bros.	Report Number: G17058 - 16/1
Address: 123 Maple St Cooroy Qld 4563	Report Date : 29/09/2017
Job Number : G17058	Order Number:
Project : Field & Laboratory Testing	Test Method: AS1289.5.4.1
Location : Stage 2 , Chatsworth	

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Lab No :	109908	109909	109910	
ID No :	-	-	-	
Lot No :	-	-	-	
Item No :	-	-	-	
Date Sampled :	25/9/2017	25/9/2017	25/9/2017	
Date/Time Tested :	25/9/2017 / 1.10	25/9/2017 / 1.20	25/9/2017 / 1.30	
Material Source :	Site	Site	Site	
For Use As :	Fill	Fill	Fill	
Sample Location :	Lot 35 E 0462551 N 7108346 Approx 0.5m < Final Lvl	Lot 35 E 0462558 N 7108346 Final Fill Lvl	Lot 36 E 0462590 N 7108366 Final Fill Lvl	
Test/Layer Depth (mm)	150 /	150 /	150 /	
Max Size (mm) :	19.0	19.0	19.0	
Oversize Wet (%) :	8	4	3	
Oversize Dry (%) :	8	4	3	
Field Moisture (%) :	10.9	11.9	13.6	
MDR No :	109908	109909	109910	
Assigned MDR :	No	No	No	
Field Dry Density (t/m ³)	1.83	1.79	1.71	
MDD (t/m ³) :	1.86*	1.87*	1.79*	
OMC (%) :	14.5	14.5	16.0	
Variation from OMC	3.5% dry of omc	2.5% dry of omc	2.5% dry of omc	
Field Density Method :	AS1289.5.8.1	AS1289.5.8.1	AS1289.5.8.1	
MC Method :	AS 1289.2.1.1	AS 1289.2.1.1	AS 1289.2.1.1	
Compactive Effort :	Standard	Standard	Standard	
Moisture Ratio / Spec(%) :	74.5 / -	82.5 / -	84 / -	
Dry Density Ratio (%) :	99.0	96.0	95.5	
Min Dry Dens Ratio (%)	95	95	95	

Remarks :

* - Denotes corrected for oversize

 Accredited for compliance with ISO/IEC 17025-Testing	APPROVED SIGNATORY  Mel Burnett NATA Accred No:1551	FORM NUMBER REP ANUC-1-3
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