

Dry Density Ratio Report



Client : Roberts Bros.	Report Number: G17058 - 18/1
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 :	109914	109915	109916	109917
ID No :	-	-	-	-
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	25/9/2017	25/9/2017	25/9/2017	25/9/2017
Date/Time Tested :	25/9/2017 / 2.10	25/9/2017 / 2.20	25/9/2017 / 2.30	25/9/2017 / 2.40
Material Source :	Site	Site	Site	Site
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 58 O/S N.E. Cnr. Pad 15m Sth,15m West Approx 0.5m < Final Lvl	Lot 58 O/S S.E. Cnr. Pad 4m Nth,4m West Final Fill Lvl	Lot 17 O/S N.E. Cnr Pad 12m Sth,4m West Approx 0.5m < Final Lvl	Lot 17 O/S N.E. Cnr. Pad 16m Sth,12m West Final Fill Lvl
Test/Layer Depth (mm)	150 /	150 /	150 /	150 /
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	1	4	9	9
Oversize Dry (%) :	1	4	11	10
Field Moisture (%) :	14.2	10.0	13.4	11.4
MDR No :	109914	109915	109916	109917
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.60	1.85	1.87	1.91
MDD (t/m ³) :	1.69*	1.87*	1.87*	1.92*
OMC (%) :	19.0	14.0	14.5	13.5
Variation from OMC	4.5% dry of omc	4% dry of omc	1% dry of omc	2% dry of omc
Field Density Method :	AS1289.5.8.1	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	AS 1289.2.1.1
Compactive Effort :	Standard	Standard	Standard	Standard
Moisture Ratio / Spec(%) :	75 / -	71 / -	92 / -	84 / -
Dry Density Ratio (%) :	95.0	99.0	101.5	100.5
Min Dry Dens Ratio (%)	95	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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