

Dry Density Ratio Report



Client : Roberts Bros.	Report Number: G17058 - 15/1
Address: 123 Maple St Cooroy Qld 4563	Report Date : 12/09/2017
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 :	109729	109730	109731	109732
ID No :	-	-	-	-
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	7/9/2017	7/9/2017	7/9/2017	7/9/2017
Date/Time Tested :	7/9/2017 / 9.45	7/9/2017 / 9.55	7/9/2017 / 10.05	7/9/2017 / 10.15
Material Source :	Site	Site	Site	Site
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 25 O/S S.W. Cnr. Building Pad 7m East,7m Nth Approx 0.3m < Final Lvl	Lot 25 O/S N.W. Cnr. Building Pad 10m Sth,5m East Final Fill Lvl	Lot 24 O/S S.E. Cnr. Building Pad 5m Nth,18m West Approx 0.3m < Final Lvl	Lot 24 O/S S.W. Cnr. Building Pad 3m Nth,15m East Final Fill Lvl
Test/Layer Depth (mm)	150 /	150 /	150 /	150 /
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	7	-	-	12
Oversize Dry (%) :	8	-	-	14
Field Moisture (%) :	20.4	21.8	21.0	17.4
MDR No :	109729	109730	109731	109732
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.63	1.59	1.53	1.69
MDD (t/m ³) :	1.64*	1.63	1.59	1.72*
OMC (%) :	20.5	21.5	23.0	18.0
Variation from OMC	0% dry of omc	0.5% wet of omc	2% dry of omc	1% 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(%) :	99 / -	101.5 / -	91.5 / -	95.5 / -
Dry Density Ratio (%) :	100.5	97.5	96.0	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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