

Dry Density Ratio Report

Client :	Roberts Bros.	Report Number:	G17058 - 25/1
Address:	123 Maple St Cooroy Qld 4563	Report Date :	13/11/2017
Job Number :	G17058	Order Number:	
Project :	Field & Laboratory Testing	Test Method:	AS1289.5.4.1
Location :	Stage 4, Chatsworth		

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Lab No :	110290	110291	110292	110293
ID No :	-	-	-	-
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	8/11/2017	8/11/2017	8/11/2017	8/11/2017
Date/Time Tested :	8/11/2017 / 2.40	8/11/2017 / 2.50	8/11/2017 / 3.00	8/11/2017 / 3.10
Material Source :	Site	Site	Site	Site
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 82 E 0462576 N 7108126 Approx 0.5m < Final Lvl	Lot 82 E 0462584 N 7108117 Final Fill Lvl	Lot 63 E 0462603 N 7108193 Approx 0.5m < Final Lvl	Lot 63 E 0462617 N 7108182 Final Fill Lvl
Test/Layer Depth (mm)	150 /	150 /	150 /	150 /
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	10	12	13	9
Oversize Dry (%) :	11	14	15	10
Field Moisture (%) :	12.7	11.4	10.9	11.0
MDR No :	110290	110291	110292	110293
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.83	1.85	1.76	1.82
MDD (t/m ³) :	1.84*	1.89*	1.83*	1.90*
OMC (%) :	14.5	14.0	15.0	14.5
Variation from OMC	2% dry of omc	2.5% dry of omc	4% dry of omc	3.5% 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(%) :	86.5 / -	81.5 / -	73 / -	75 / -
Dry Density Ratio (%) :	101.0	99.5	98.0	97.0
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

Mel Burnett

NATA Accred No:1551

FORM NUMBER

REP ANUC-1-3