

Dry Density Ratio Report



Client : Roberts Bros.	Report Number: G17058 - 22/1
Address: 123 Maple St Cooroy Qld 4563	Report Date : 9/10/2017
Job Number : G17058	Order Number:
Project : Field & Laboratory Testing	Test Method: AS1289.5.4.1
Location : Stage 2 , Chatsworth	

Page 1 of 1

Lab No :	110044	110045	110046	110047
ID No :	-	-	-	-
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	5/10/2017	5/10/2017	5/10/2017	5/10/2017
Date/Time Tested :	5/10/2017 / 12.20	5/10/2017 / 12.30	5/10/2017 / 12.45	5/10/2017 / 1.00
Material Source :	Site	Site	Site	Site
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 32 E 0462546 N 7108235 Approx 0.5m < Final Lvl	Lot 32 E 0462546 N 7108250 Final Fill Lvl	Lot 33 E 0462487 N 7108256 Approx 0.5m < Final Lvl	Lot 33 E 0462487 N 7108268 Final Fill Lvl
Test/Layer Depth (mm)	150 /	150 /	150 /	150 /
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	12	6	6	-
Oversize Dry (%) :	13	7	6	-
Field Moisture (%) :	12.1	13.0	11.6	14.4
MDR No :	110044	110045	110046	110047
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.90	1.75	1.79	1.65
MDD (t/m ³) :	1.96*	1.85*	1.86*	1.74
OMC (%) :	12.0	15.0	15.0	18.5
Variation from OMC	0% wet of omc	2% dry of omc	3% dry of omc	4% 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(%) :	100 / -	87 / -	78.5 / -	77.5 / -
Dry Density Ratio (%) :	98.5	95.5	97.0	95.0
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 NATA Accred No:1551	FORM NUMBER REP ANUC-1-3
--	---	------------------------------------