

Dry Density Ratio Report



Client : Roberts Bros.	Report Number: G17058 - 7/1
Address: 123 Maple St Cooroy Qld 4563	Report Date : 22/08/2017
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 :	109493	109494	109495	109496
ID No :	-	-	-	-
Lot No :	-	-	-	-
Item No :	-	-	-	-
Date Sampled :	16/8/2017	16/8/2017	16/8/2017	16/8/2017
Date/Time Tested :	16/8/2017 / 2.00	16/8/2017 / 2.10	16/8/2017 / 2.20	16/8/2017 / 2.30
Material Source :	Site	Site	Site	Site
For Use As :	Fill	Fill	Fill	Fill
Sample Location :	Lot 34 E 0462495 N 7108337 Approx 0.8m < Final Lvl	Lot 34 E 0462498 N 7108323 Approx 0.2m < Final Lvl	Lot 57 E 0462474 N 7108413 Approx 0.5m < Final Lvl	Lot 57 E 0462477 N 7108399 Final Fill Lvl
Test/Layer Depth (mm)	150 /	150 /	150 /	150 /
Max Size (mm) :	19.0	19.0	19.0	19.0
Oversize Wet (%) :	8	3	-	9
Oversize Dry (%) :	9	4	-	10
Field Moisture (%) :	15.8	11.7	14.4	19.3
MDR No :	109493	109494	109495	109496
Assigned MDR :	No	No	No	No
Field Dry Density (t/m ³)	1.73	1.74	1.63	1.64
MDD (t/m ³) :	1.75*	1.82*	1.70	1.65*
OMC (%) :	17.5	15.0	17.0	21.0
Variation from OMC	1.5% dry of omc	3.5% dry of omc	2.5% 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(%) :	90.5 / -	78 / -	85.5 / -	91 / -
Dry Density Ratio (%) :	100.0	96.0	95.5	101.0
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
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