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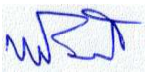
Dry Density Ratio Report

Client :	**Roberts Bros.**	Report Number:	**G17058 - 14/1**
Address:	**123 Maple St Cooroy Qld 4563**		
Job Number :	**G17058**	Report Date :	**12/09/2017**
Project :	**Field & Laboratory Testing**	Order Number:	
Location :	**Stage 2 , Chatsworth**	Test Method:	**AS1289.5.4.1**

Lab No :	**109725**	**109726**	**109727**	**109728**
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 / 9.05**	**7/9/2017 / 9.15**	**7/9/2017 / 9.25**	**7/9/2017 / 9.35**
Material Source :	**Site**	**Site**	**Site**	**Site**
For Use As :	**Fill**	**Fill**	**Fill**	**Fill**
Sample Location :	Lot 27 O/S S.E. Cnr. Building Pad 4m Nth,17m West Final Fill Lvl	Lot 27 O/S S.W.Cnr.Building Pad 4m Nth,12m East Approx 0.3m < Final Lvl	Lot 26 O/S S.E. Cnr. Building Pad 0.5m Nth,13m West Approx 0.3m < Final Lvl	Lot 26 O/S S.W. Cnr. Building Pad 4m Nth,10m 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 (%) :	**3**	**-**	**-**	**-**
Oversize Dry (%) :	**4**	**-**	**-**	**-**
Field Moisture (%) :	**12.1**	**21.8**	**28.2**	**28.2**
MDR No :	**109725**	**109726**	**109727**	**109728**
Assigned MDR :	**No**	**No**	**No**	**No**
Field Dry Density (t/m³)	**1.81**	**1.60**	**1.40**	**1.44**
MDD (t/m³) :	**1.88***	**1.67**	**1.47**	**1.51**
OMC (%) :	**15.0**	**19.5**	**27.0**	**24.5**
Variation from OMC	**3% dry of omc**	**2% wet of omc**	**1.5% wet of omc**	**3.5% wet 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(%) :	**81 / -**	**111.5 / -**	**105 / -**	**115 / -**
Dry Density Ratio (%) :	**97.0**	**96.0**	**95.0**	**95.5**
Min Dry Dens Ratio (%)	**95**	**95**	**95**	**95**

Remarks :

*** - Denotes corrected for oversize**

NATA WORLD RECOGNISED ACCREDITATION	**Accredited for compliance with ISO/IEC 17025-Testing**	APPROVED SIGNATORY  Mel Burnett NATA Accred No:1551	FORM NUMBER **REP ANUC-1-3**