

FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/1
Date: 20/10/2014

PROJECT: SITE FILL TESTING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 1 of 1

TEST NUMBER	1	2	3	4	5			
DATE TESTED	29/09/2014			30/09/2014				
RESULTS								
Hilf Density Ratio	Standard	%	97	100.5	100.5	100.5	100.5	
Moisture Variation from OMC (-Drier/+Wetter)		%	-1.5	-0.5	-0.5	-1.5	-1.5	
Specification	Density Ratio (Standard)	≥95%	Specification Moisture Variance from OMC				±2%	
TEST LOCATION								
Chainage (Carriageway L/R)	m	-	-	-	-	-		
Shown on Drawing No		8223/1-1						
Retested by Test		-	-	-	-	-		
Reduced Level	m	74.23	72.94	73.33	74.63	74.73		
FIELD & LABORATORY DATA								
Field Wet Density	t/m ³	1.95	2.03	2.06	2.04	2.04		
Field Moisture Content	%	17.5	18.0	20.0	17.5	17.5		
Material retained on 19mm Sieve (wet)	%	<5	<5	<5	<5	<5		
Lab Compaction result from test number		1	2	3	4	5		
Peak Converted Wet Density	t/m ³	2.01	2.02	2.05	2.03	2.03		
Apparent Optimum Moisture Content	%	19.0	18.5	20.5	19.0	18.5		
Number of Compaction Points		3	3	3	3	3		
Test Procedures - See Note Number		12	12	12	12	12		
Material Description - see below		2	2	2-3	2	2		
Notes								
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734			10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1					
2: Assigned Values have been obtained from our Prestons laboratory – Accreditation No 14234			11: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.7.1					
3: Results have been calculated using infinite decimal places. Therefore, calculated values may vary from those shown			12: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.7.1, 5.8.1					
4: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.3.1, 5.4.1			13: RMS T111, T119, T120, T166					
5: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.3.1, 5.4.1			14: RMS T111, T120, T166, T173					
6: AS 1289 1.2.1 clause 6.4 (b),			15: RMS T120, T119, T162					
7: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.4.1, 5.8.1			16: RMS T120, T162, T173					
8: AS 1289 1.2.1 clause 6.4 (b), 2.1.1., 5.5.1, 5.6.1, 5.8.1			17: RMS T120, T164, T173					
9: Full details of Test Procedure 5.8.1 available on request								
Material Description								
1. CL-Clays of low plasticity, gravelly clays, sandy clays, silty clays			11. DGS40			* Cement Stabilised		
2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays			12. FCR20			# Lime Stabilised		
3. CH-Clays of high plasticity			13. FCR40			\$ Gypsum Stabilised		
4. SC-Clayey sands, sand-clay mixtures			14. RC - Recycled Concrete					
5. SM-Silty sands, sand-silt mixtures			15. Recycled Roadbase					
6. GC-Clayey gravels, gravel-sand-clay mixtures			16. RSB - Recycled Sub-base					
7. SP-Sand, crushed dust, filling sand, washed sand			17. CSS - Crushed Sandstone					
8. DGB20			18. RSS - Ripped Sandstone					
9. DGB40			19. Cowels Brown					
10. DGS20								

Form No R 020 Version 09/06/13 - issued by ER



Accreditation Number 2734
Corporate Site Number 2727

Accredited for compliance with ISO/IEC 17025.

A Kench 20/10/2014

Approved Signatory



Head Office:
34 Borec Road, Penrith NSW 2750
P O Box 880 Penrith NSW 2751
Telephone: (02) 4722 21

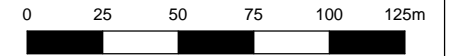
Prestons Laboratory:
Unit 4, 18-20 Whyalla Place, Prestons NSW 2170
Telephone: (02) 9607 6111 Facsimile: (02) 9607 6200

email: info@geotech.com.au www.geotech.com.au



LEGEND

● Density Test



Scale 1:2500



34 Borec Road
Penrith
NSW 2750
ABN 71 076 676 321

Ph: 02 4722 2744
Fx: 02 4722 2777
www.geotech.com.au
e-mail: info@geotech.com.au

NOTES

1. Site features are indicative and are not to scale.
2. This drawing has been produced using a base plan provided by others to which additional information e.g test pits, borehole locations or notes have been added. Some or all of the plan may not be relevant at the time of producing this drawing

J Wyndham Prince Pty Ltd
Proposed Caddens Knoll Subdivision
Caddens Road
Kingswood

Locations of Field Density Tests

Drawing No: 8223/1-1
Job No: 8223/1
Drawn By: MH
Date: 8 October 2014
Checked By: ER/EVN

File No: 8223-1
Layers: 0, Lay1

FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/1
Date: 20/11/2014

PROJECT: SITE FILL TESTING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 1 of 1

TEST NUMBER	6	7	8					
DATE TESTED	29/10/2014							
RESULTS								
Hilf Density Ratio	Standard	%	98	99	100			
Moisture Variation from OMC (-Drier/+Wetter)		%	0.0	0.0	-1.0			
Specification	Density Ratio (Standard)	≥95%	Specification Moisture Variance from OMC			±2%		
TEST LOCATION								
Chainage (Carriageway L/R)	m	-	-	-				
Shown on Drawing No		8223/1-2						
Retested by Test		-	-	-				
Reduced Level	m	83.38	84.43	84.12				
FIELD & LABORATORY DATA								
Field Wet Density	t/m ³	2.07	2.10	2.08				
Field Moisture Content	%	16.5	16.0	16.5				
Material retained on 19mm Sieve (wet)	%	<5	<5	<5				
Lab Compaction result from test number		6	7	8				
Peak Converted Wet Density	t/m ³	2.11	2.12	2.08				
Apparent Optimum Moisture Content	%	16.5	16.5	17.5				
Number of Compaction Points		3	3	3				
Test Procedures - See Note Number		12	12	12				
Material Description - see below		2	2	2				
Notes								
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9: Full details of Test Procedure 5.8.1 available on request								
Material Description								
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2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays			12. FCR20			# Lime Stabilised		
3. CH-Clays of high plasticity			13. FCR40			\$ Gypsum Stabilised		
4. SC-Clayey sands, sand-clay mixtures			14. RC - Recycled Concrete					
5. SM-Silty sands, sand-silt mixtures			15. Recycled Roadbase					
6. GC-Clayey gravels, gravel-sand-clay mixtures			16. RSB - Recycled Sub-base					
7. SP-Sand, crushed dust, filling sand, washed sand			17. CSS - Crushed Sandstone					
8. DGB20			18. RSS - Ripped Sandstone					
9. DGB40			19. Cowels Brown					
10. DGS20								

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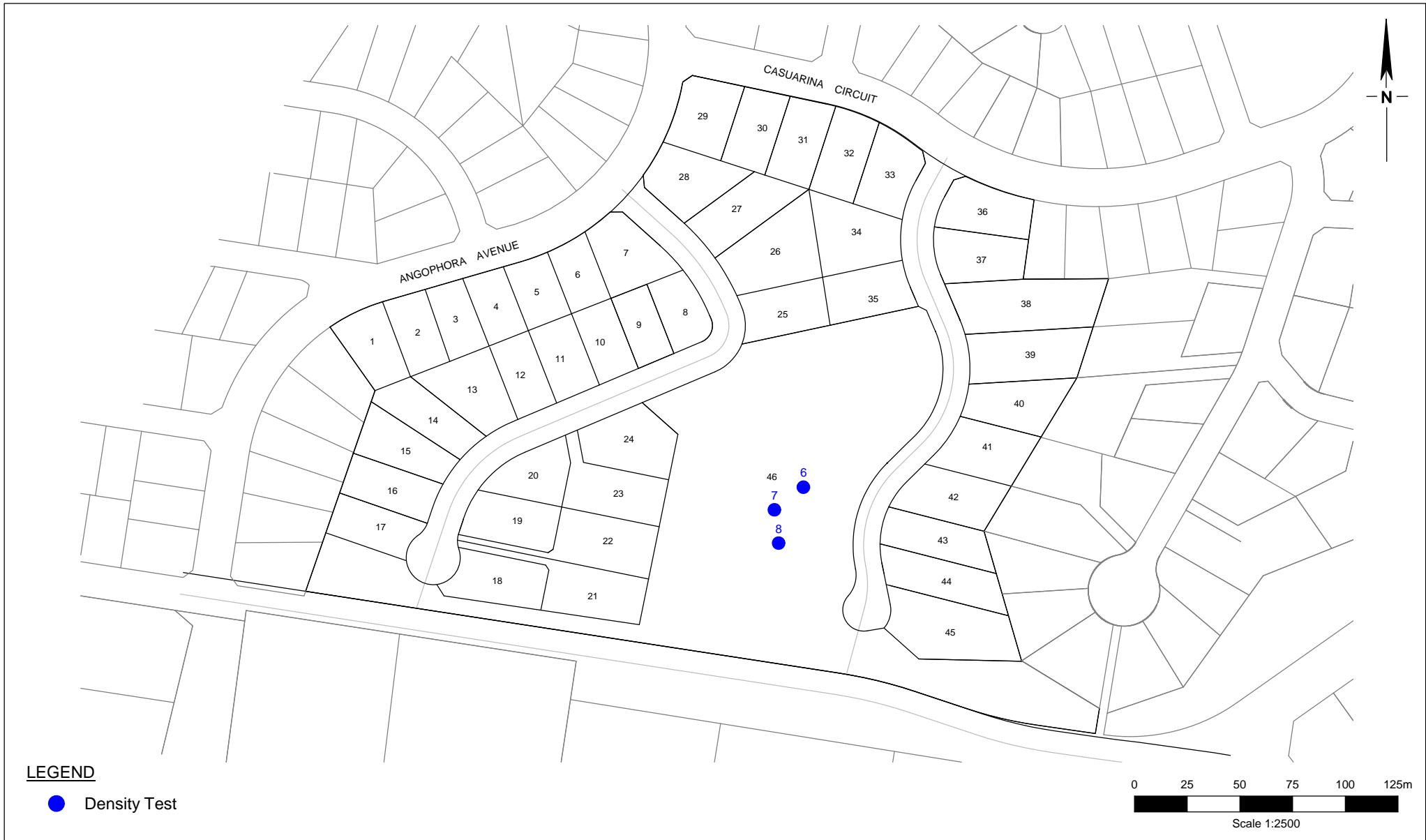
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34 Borec Road, Penrith NSW 2750
P O Box 880 Penrith NSW 2751
Telephone: (02) 4722 21

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● Density Test



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J Wyndham Prince Pty Ltd
Proposed Caddens Knoll Subdivision
Caddens Road
Kingswood

Locations of Field Density Tests

Drawing No: 8223/1-2
Job No: 8223/1
Drawn By: MH
Date: 20 November 2014
Checked By: AK

File No: 8223-1
Layers: 0, Lay2

FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/2
Date: 25/11/2014

PROJECT: PAVEMENT TESING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 1 of 2

TEST NUMBER	1	2	3	4	5	6	7	8		
DATE TESTED	29/10/2014					05/11/2014		14/05/2014		
RESULTS										
Density Ratio	Standard	%	106	102.5	111	111	108.5	106	105.5	109
Moisture Variation from OMC (-Drier/+Wetter)	%	- 2.0	- 3.5	- 3.0	- 3.5	- 4.5	- 4.0	- 2.0	- 2.5	
Specification	Density Ratio (Standard)	≥100%	Specification Moisture Variance from OMC				N/A%			
TEST LOCATION										
Chainage	(Carriageway L/R)	m	45	95	145	195	245	160	110	210
Road Name/Number	Road 1					Road 2				
Retested by test	-	-	-	-	-	-	-	-	-	
Level	Subgrade									
FIELD & LABORATORY DATA										
Field Dry Density	t/m ³	2.00	1.95	2.11	2.08	2.02	2.00	2.00	2.07	
Field Moisture Content	%	10.5	9.4	9.1	9.9	9.3	9.3	8.9	10.3	
Material retained on 19 mm Sieve	%	<5	<5	<5	<5	<5	<5	<5	<5	
Lab compaction result from test number		1	2	3	4	5	6	7	8	
Maximum Dry Density	t/m ³	1.89	1.90	1.90	1.87	1.86	1.89	1.90	1.90	
Number of Compaction Points		4	4	4	4	4	4	4	4	
Optimum Moisture Content	%	12.5	13.0	12.0	13.5	14.0	13.5	11.0	13.0	
Test Procedures - See Notes		6	6	6	6	6	6	6	6	
Material Description - see below		1	1	1	1	2	1	1	1	
Notes										
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734					10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1					
2: Assigned Values have been obtained from our Prestons laboratory – Accreditation No 14234					11: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.7.1					
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8: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.5.1, 5.6.1, 5.8.1					17: RMS T120, T164, T173					
9: Full details of Test Procedure 5.8.1 available on request										
Material Description										
1. CL-Clays of low plasticity, gravelly clays, sandy clays, silty clays			11. DGS40			* Cement Stabilised				
2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays			12. FCR20			# Lime Stabilised				
3. CH-Clays of high plasticity			13. FCR40			\$ Gypsum Stabilised				
4. SC-Clayey sands, sand-clay mixtures			14. RC - Recycled Concrete							
5. SM-Silty sands, sand-silt mixtures			15. Recycled Roadbase							
6. GC-Clayey gravels, gravel-sand-clay mixtures			16. RSB - Recycled Sub-base							
7. SP-Sand, crushed dust, filling sand, washed sand			17. CSS - Crushed Sandstone							
8. DGB20			18. RSS - Ripped Sandstone							
9. DGB40			19. Cowels Brown							
10. DGS20										

Form No R022 Version 18 06/13 - Issued by ER



Accreditation Number 2734
Corporate Site Number 2727

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25/11/2014

Head Office:
34 Borec Road, Penrith NSW 2750
P O Box 880 Penrith NSW 2751
Telephone: (02) 4722 2744 Facsimile: (02) 4722 2777

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FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/2
Date: 25/11/2014

PROJECT: PAVEMENT TESING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 2 of 2

TEST NUMBER	9	10						
DATE TESTED	14/05/2014							
RESULTS								
Density Ratio	Standard	%	111	108				
Moisture Variation from OMC (-Drier/+Wetter)		%	- 3.0	- 3.0				
Specification	Density Ratio (Standard)	≥100%	Specification Moisture Variance from OMC			N/A%		
TEST LOCATION								
Chainage	(Carriageway L/R)	m	60	10				
Road Name/Number			Road 2					
Retested by test			-	-				
Level			Subgrade					
FIELD & LABORATORY DATA								
Field Dry Density		t/m ³	2.06	2.06				
Field Moisture Content		%	10.7	9.5				
Material retained on 19 mm Sieve		%	<5	<5				
Lab compaction result from test number			9	10				
Maximum Dry Density		t/m ³	1.86	1.91				
Number of Compaction Points			4	4				
Optimum Moisture Content		%	13.5	12.5				
Test Procedures - See Notes			6	6				
Material Description - see below			1	1				
Notes								
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734			10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1					
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6: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.4.1, 5.8.1			15: RMS T120, T119, T162					
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9: Full details of Test Procedure 5.8.1 available on request								
Material Description								
1. CL-Clays of low plasticity, gravelly clays, sandy clays, silty clays	11. DGS40	* Cement Stabilised						
2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays	12. FCR20	# Lime Stabilised						
3. CH-Clays of high plasticity	13. FCR40	\$ Gypsum Stabilised						
4. SC-Clayey sands, sand-clay mixtures	14. RC - Recycled Concrete							
5. SM-Silty sands, sand-silt mixtures	15. Recycled Roadbase							
6. GC-Clayey gravels, gravel-sand-clay mixtures	16. RSB - Recycled Sub-base							
7. SP-Sand, crushed dust, filling sand, washed sand	17. CSS - Crushed Sandstone							
8. DGB20	18. RSS - Ripped Sandstone							
9. DGB40	19. Cowels Brown							
10. DGS20								

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FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/2
Date: 08/01/2015

PROJECT: PAVEMENT TESING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 1 of 2

TEST NUMBER	11	12	13	14	15	16	17	18	
DATE TESTED	15/12/2014								
RESULTS									
Density Ratio Modified	%	100	100.5	101	100.5	100	100	100.5	100.5
Moisture Variation from OMC (-Drier/+Wetter)	%	0.0	- 0.5	- 0.5	- 0.5	0.0	- 0.5	- 0.5	0.0
Specification Density Ratio (Modified)	≥95%	Specification Moisture Variance from OMC						N/A%	
TEST LOCATION									
Chainage (Carriageway L/R)	m	160	210	110	60	10	45	95	145
Road Name/Number		Road 2				Road 1			
Retested by test		-	-	-	-	-	-	-	-
Level		Sub-base							
FIELD & LABORATORY DATA									
Field Dry Density	t/m ³	2.15	2.16	2.17	2.16	2.15	2.15	2.16	2.16
Field Moisture Content	%	6.6	5.8	6.1	6.2	6.5	6.2	5.9	6.4
Material retained on 37.5 mm Sieve	%	<5	<5	<5	<5	<5	<5	<5	<5
Assigned Value Number		HQW75CSS-51							
Maximum Dry Density	t/m ³	2.15	2.15	2.15	2.15	2.15	2.15	2.15	2.15
Number of Compaction Points		4	4	4	4	4	4	4	4
Optimum Moisture Content	%	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
Test Procedures - See Notes		7	7	7	7	7	7	7	7
Material Description - see below		17	17	17	17	17	17	17	17
Notes									
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9. DGB40		19. Cowels Brown							
10. DGS20									

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Corporate Site Number 2727

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Unit 4, 18-20 Whyalla Place, Prestons NSW 2170
Telephone: (02) 9607 6111 Facsimile: (02) 9607 6200

Approved Signatory

FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/2
Date: 08/01/2015

PROJECT: PAVEMENT TESING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 2 of 2

TEST NUMBER	19	20						
DATE TESTED	15/12/2014							
RESULTS								
Density Ratio	Modified	%	100.5	101				
Moisture Variation from OMC (-Drier/+Wetter)		%	- 0.5	0.0				
Specification	Density Ratio (Modified)	≥95%	Specification Moisture Variance from OMC			N/A%		
TEST LOCATION								
Chainage	(Carriageway L/R)	m	195	245				
Road Name/Number			Road 1					
Retested by test			-	-				
Level			Sub-base					
FIELD & LABORATORY DATA								
Field Dry Density		t/m ³	2.16	2.17				
Field Moisture Content		%	5.8	6.5				
Material retained on	37.5 mm Sieve	%	<5	<5				
Assigned Value Number			HQW75CSS-51					
Maximum Dry Density		t/m ³	2.15	2.15				
Number of Compaction Points			4	4				
Optimum Moisture Content		%	6.5	6.5				
Test Procedures - See Notes			7	7				
Material Description - see below			17	17				
Notes								
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734			10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1					
2: Assigned Values have been obtained from our Prestons laboratory – Accreditation No 14234			11: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.7.1					
3: Results have been calculated using infinite decimal places. Therefore, calculated values may vary from those shown			12: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.7.1, 5.8.1					
4: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.3.1, 5.4.1			13: RMS T111, T119, T120, T166					
5: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.3.1, 5.4.1			14: RMS T111, T120, T166, T173					
6: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.4.1, 5.8.1			15: RMS T120, T119, T162					
7: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.4.1, 5.8.1			16: RMS T120, T162, T173					
8: AS 1289 1.2.1 clause 6.4 (b), 2.1.1., 5.5.1, 5.6.1, 5.8.1			17: RMS T120, T164, T173					
9: Full details of Test Procedure 5.8.1 available on request								
Material Description								
1. CL-Clays of low plasticity, gravelly clays, sandy clays, silty clays			11. DGS40				* Cement Stabilised	
2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays			12. FCR20				# Lime Stabilised	
3. CH-Clays of high plasticity			13. FCR40				\$ Gypsum Stabilised	
4. SC-Clayey sands, sand-clay mixtures			14. RC - Recycled Concrete					
5. SM-Silty sands, sand-silt mixtures			15. Recycled Roadbase					
6. GC-Clayey gravels, gravel-sand-clay mixtures			16. RSB - Recycled Sub-base					
7. SP-Sand, crushed dust, filling sand, washed sand			17. CSS - Crushed Sandstone					
8. DGB20			18. RSS - Ripped Sandstone					
9. DGB40			19. Cowels Brown					
10. DGS20								

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08/01/2015



Accreditation Number 2734
Corporate Site Number 2727

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34 Borec Road, Penrith NSW 2750
P O Box 880 Penrith NSW 2751
Telephone: (02) 4722 2744 Facsimile: (02) 4722 2777

Prestons Laboratory:
Unit 4, 18-20 Whyalla Place, Prestons NSW 2170
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Approved Signatory

FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
PO BOX 308
PENRITH NSW 2751

Laboratory: Penrith
Job No: 8223/2
Date: 14/01/2014

PROJECT: PAVEMENT TESTING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 1 of 2

TEST NUMBER	21	22	23	24	25	26	27	28		
DATE TESTED	12/12/2014									
RESULTS										
Density Ratio	Modified	%	99	98.5	100	98	99	98.5	98	98
Moisture Variation from OMC (-Drier/+Wetter)		%	+ 0.5	+ 0.5	0.0	+ 0.5	0.0	+ 0.5	+ 0.5	+ 0.5
Specification	Density Ratio (Modified)	≥98%	Specification Moisture Variance from OMC						N/A%	
TEST LOCATION										
Chainage	(Carriageway L/R)	m	10	60	110	160	210	45	95	145
Road Name/Number	Road 2				Road 1					
Retested by test	-	-	-	-	-	-	-	-	-	
Level	Basecourse									
FIELD & LABORATORY DATA										
Field Dry Density		t/m ³	1.99	1.98	2.01	1.97	1.99	1.98	1.97	1.97
Field Moisture Content		%	11.4	11.3	11.1	11.7	11.1	11.6	11.3	11.5
Material retained on	19 mm Sieve	%	<5	<5	<5	<5	<5	<5	<5	<5
Assigned Value Number	BRDGB20-77									
Maximum Dry Density		t/m ³	2.01	2.01	2.01	2.01	2.01	2.01	2.01	2.01
Number of Compaction Points			4	4	4	4	4	4	4	4
Optimum Moisture Content		%	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Test Procedures - See Notes			7	7	7	7	7	7	7	7
Material Description - see below			15	15	15	15	15	15	15	15
Notes										
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734			10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1							
2: Assigned Values have been obtained from our Prestons laboratory – Accreditation No 14234			11: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.7.1							
3: Results have been calculated using infinite decimal places. Therefore, calculated values may vary from those shown			12: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.7.1, 5.8.1							
4: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.3.1, 5.4.1			13: RMS T111, T119, T120, T166							
5: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.3.1, 5.4.1			14: RMS T111, T120, T166, T173							
6: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.1.1, 5.4.1, 5.8.1			15: RMS T120, T119, T162							
7: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.2.1, 5.4.1, 5.8.1			16: RMS T120, T162, T173							
8: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.5.1, 5.6.1, 5.8.1			17: RMS T120, T164, T173							
9: Full details of Test Procedure 5.8.1 available on request										
Material Description										
1. CL-Clays of low plasticity, gravelly clays, sandy clays, silty clays			11. DGS40			* Cement Stabilised				
2. CI-Clay of medium plasticity, gravelly clays, sandy clays, silty clays			12. FCR20			# Lime Stabilised				
3. CH-Clays of high plasticity			13. FCR40			\$ Gypsum Stabilised				
4. SC-Clayey sands, sand-clay mixtures			14. RC - Recycled Concrete							
5. SM-Silty sands, sand-silt mixtures			15. Recycled Roadbase							
6. GC-Clayey gravels, gravel-sand-clay mixtures			16. RSB - Recycled Sub-base							
7. SP-Sand, crushed dust, filling sand, washed sand			17. CSS - Crushed Sandstone							
8. DGB20			18. RSS - Ripped Sandstone							
9. DGB40			19. Cowels Brown							
10. DGS20										

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FIELD DENSITY RESULTS

J K WILLIAMS CONTRACTING PTY LTD
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Laboratory: Penrith
Job No: 8223/2
Date: 14/01/2014

PROJECT: PAVEMENT TESTING
PROPOSED CADDENS KNOLL RESIDENTIAL SUBDIVISION - CADDENS ROAD, KINGSWOOD

Page 2 of 2

TEST NUMBER	29	30						
DATE TESTED	12/12/2014							
RESULTS								
Density Ratio	Modified	%	99.5	99.5				
Moisture Variation from OMC (-Drier/+Wetter)		%	0.0	+ 0.5				
Specification	Density Ratio (Modified)	≥98%	Specification Moisture Variance from OMC			N/A%		
TEST LOCATION								
Chainage	(Carriageway L/R)	m	195	240				
Road Name/Number			Road 1					
Retested by test			-	-				
Level			Basecourse					
FIELD & LABORATORY DATA								
Field Dry Density		t/m ³	2.00	2.00				
Field Moisture Content		%	10.8	11.5				
Material retained on	19 mm Sieve	%	<5	<5				
Assigned Value Number			BRDGB20-77					
Maximum Dry Density		t/m ³	2.01	2.01				
Number of Compaction Points			4	4				
Optimum Moisture Content		%	11.0	11.0				
Test Procedures - See Notes			7	7				
Material Description - see below			15	15				
Notes								
1: Assigned Values have been obtained from our Penrith laboratory – Accreditation No 2734			10: AS 1289 1.2.1 clause 6.4 (b), 2.1.1, 5.3.1, 5.5.1, 5.6.1					
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