

LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-23084-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9394
Component:	Riverbed Dr, Blackbuck Rd, Goldridge Rd	Client Reference/s:	Compaction Testing Construction La
Area Description:	Refer To Map	Report Date / Page:	1/08/2025 Page 1 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-67034	14874/S/25-67035	14874/S/25-67036	14874/S/25-67037
ID / Client ID	Compaction Testing Construction	Compaction Testing Construction	Compaction Testing Construction	Compaction Testing Construction
Lot Number	n/a	n/a	n/a	n/a
Date / Time Tested	30/07/2025 13:00	30/07/2025 13:00	30/07/2025 13:00	30/07/2025 13:00
Material Source	Imported	Imported	Imported	Imported
Material Type	Type A	Type A	Type A	Type A
Sampling Method	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b
Depths: Test / Nom / Actual (mm)	125 / 150 / 150	125 / 150 / 150	125 / 150 / 150	125 / 150 / 150
Standard or Modified	Standard	Standard	Standard	Standard
Stabilised Material Curing Time	-	-	-	-
Layer Number	Construction Layer	Construction Layer	Construction Layer	Construction Layer
Location Number	1	2	3	4
Test Fraction (mm)	< 19.0 mm	< 19.0 mm	< 19.0 mm	< 19.0 mm
Sample Oversize Wet / Dry (%)	15 / 15	19 / 20	19 / 20	17 / 17
MDR Sample Number	14874/S/25-67034	14874/S/25-67035	14874/S/25-67036	14874/S/25-67037
MDR Sample Date / Update	30/07/2025	30/07/2025	30/07/2025	30/07/2025
Assigned MDR (Yes / No)	No	No	No	No
Moisture Test Results:				
Field Moisture Content (%)	8.3	8.4	9.2	9.0
Optimum Moisture Content (%)	9.0	8.5	9.5	9.5
Variation from OMC (%)	0.5% Drier than OMC	0.0% Wetter than OMC	0.5% Drier than OMC	0.5% Drier than OMC
Moisture Ratio (%)	93.5	101.5	97.0	93.5
Density Test Results:				
Field Wet Density (t/m³)	2.24	2.26	2.26	2.26
Field Dry Density (t/m³)	2.07	2.08	2.07	2.08
Maximum Dry Density (t/m³)	2.04	2.05	2.04	2.04
Dry Density Ratio Required (%)	100	100	100	100
Dry Density Ratio (%)	101.5	101.5	101.5	101.5

Remarks

 Accredited for compliance with ISO/IEC 17025 – Testing Accreditation Number: 1986 Corporate Site Number: 14874	 Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3
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LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-23084-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9394
Component:	Riverbed Dr, Blackbuck Rd, Goldridge Rd	Client Reference/s:	Compaction Testing Construction La
Area Description:	Refer To Map	Report Date / Page:	1/08/2025 Page 2 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-67038	14874/S/25-67039		
ID / Client ID	Compaction Testing Construction	Compaction Testing Construction		
Lot Number	n/a	n/a		
Date / Time Tested	30/07/2025 13:00	30/07/2025 13:00		
Material Source	Imported	Imported		
Material Type	Type A	Type A		
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b		
Depths: Test / Nom / Actual (mm)	125 / 150 / 150	125 / 150 / 150		
Standard or Modified	Standard	Standard		
Stabilised Material Curing Time	-	-		
Layer Number	Construction Layer	Construction Layer		
Location Number	5	6		
Test Fraction (mm)	< 19.0 mm	< 19.0 mm		
Sample Oversize Wet / Dry (%)	20 / 20	18 / 18		
MDR Sample Number	14874/S/25-67038	14874/S/25-67039		
MDR Sample Date / Update	30/07/2025	30/07/2025		
Assigned MDR (Yes / No)	No	No		
Moisture Test Results:				
Field Moisture Content (%)	10.0	10.6		
Optimum Moisture Content (%)	10.5	11.0		
Variation from OMC (%)	0.5% Drier than OMC	0.5% Drier than OMC		
Moisture Ratio (%)	95.0	97.0		
Density Test Results:				
Field Wet Density (t/m³)	2.25	2.27		
Field Dry Density (t/m³)	2.05	2.05		
Maximum Dry Density (t/m³)	2.02	2.00		
Dry Density Ratio Required (%)	100	100		
Dry Density Ratio (%)	101.5	102.5		

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986
Corporate Site Number: 14874



Approved Signatory: Nawin Dahal
Form ID: W27ASRepSum Rev 3

LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

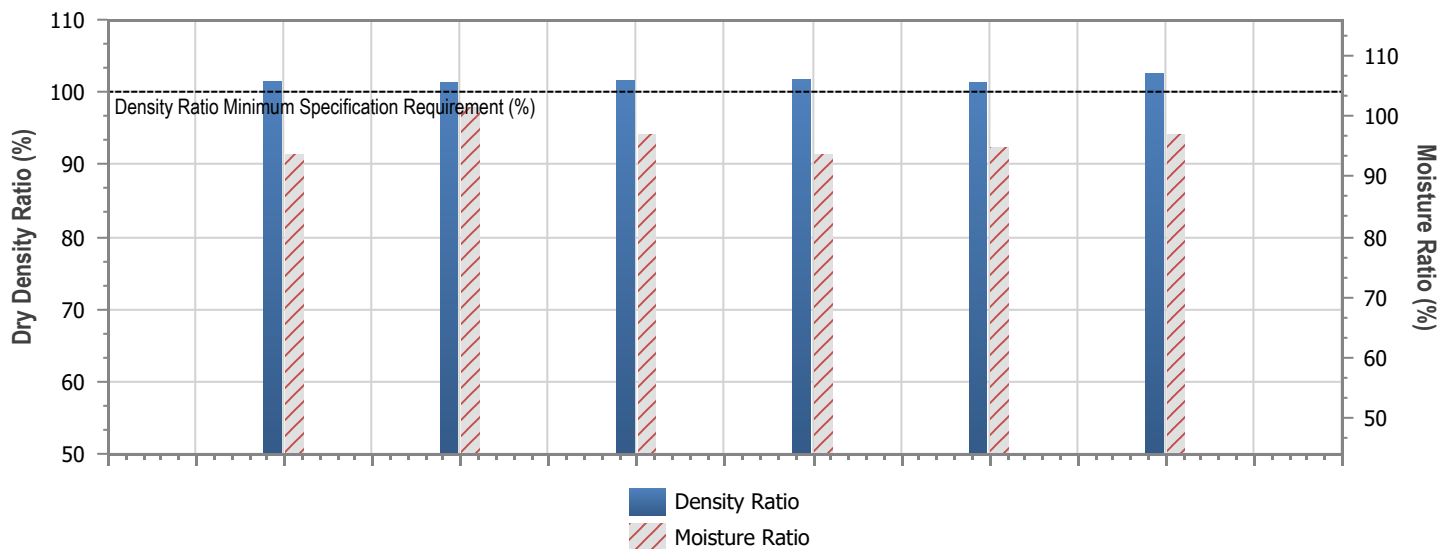
Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-23084-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9394
Component:	Riverbed Dr, Blackbuck Rd, Goldridge Rd	Client Reference/s:	Compaction Testing Construction La
Area Description:	Refer To Map	Report Date / Page:	1/08/2025 Page 3 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
Statistical Analysis Test Method:	Vic Roads RC316.00

Nuclear Gauge Calibration Details

Calibration Number	-	Material Source	-
Calibration Last Updated	-	Material Type	-
Nominated Calibration Layer Depth (mm)	-		-

LOT TEST RESULT SUMMARY



Tests in Lot = 6	Lot Minimum	Lot Maximum	Lot Mean	Standard Deviation
Moisture Ratio (%)	93.7	101.4	96.3	2.919
Dry Density Ratio (%)	101.3	102.6	101.7	0.464

Lot Number: n/a

Characteristic Moisture Ratio (%): 93.6

Characteristic Density Ratio (%): 101.2

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986

Corporate Site Number: 14874



Approved Signatory: Nawin Dahal

Form ID: W27ASRepSum Rev 3

Site Location Sketch

Client: Winslow Constructors

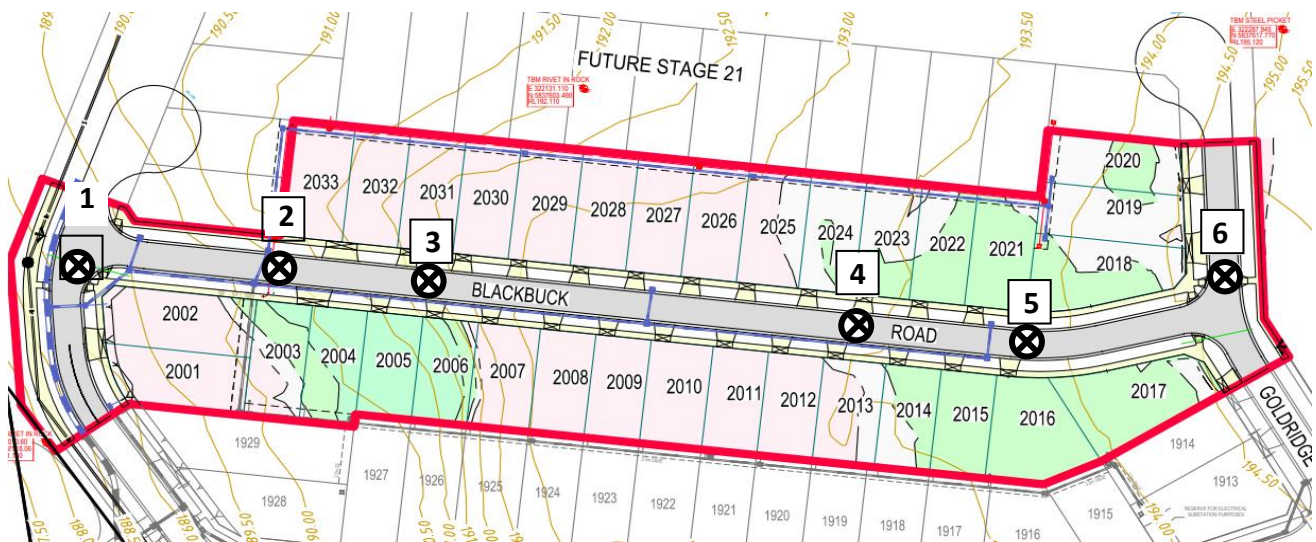
Job No. P/3155

Test Request No. T/25-9394

Date Tested: 30/07/2025

Test site locations only

NOT TO SCALE



LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-22926-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9297
Component:	Capping Layer	Client Reference/s:	Capping Layer
Area Description:	RTM	Report Date / Page:	31/07/2025 Page 1 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-66079	14874/S/25-66080	14874/S/25-66081	14874/S/25-66082
ID / Client ID	Capping Layer	Capping Layer	Capping Layer	Capping Layer
Lot Number	n/a	n/a	n/a	n/a
Date / Time Tested	29/07/2025 12:30	29/07/2025 12:30	29/07/2025 12:30	29/07/2025 12:30
Material Source	Imported	Imported	Imported	Imported
Material Type	Mudstone	Mudstone	Mudstone	Mudstone
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b
Depths: Test / Nom / Actual (mm)	125 / 150 / 150	125 / 150 / -	125 / 150 / -	125 / 150 / -
Standard or Modified	Standard	Standard	Standard	Standard
Stabilised Material Curing Time	-	-	-	-
Layer Number	1	2	3	4
Location Number	Capping	Capping	Capping	Capping
Test Fraction (mm)	< 19.0 mm	< 19.0 mm	< 19.0 mm	< 19.0 mm
Sample Oversize Wet / Dry (%)	9 / 9	11 / 11	19 / 19	10 / 11
MDR Sample Number	14874/S/25-66079	14874/S/25-66080	14874/S/25-66081	14874/S/25-66082
MDR Sample Date / Update	29/07/2025	29/07/2025	29/07/2025	29/07/2025
Assigned MDR (Yes / No)	No	No	No	No
Moisture Test Results:				
Field Moisture Content (%)	9.1	9.2	9.0	9.4
Optimum Moisture Content (%)	10.0	10.0	9.0	10.0
Variation from OMC (%)	0.5% Drier than OMC	0.5% Drier than OMC	0.0% Drier than OMC	0.5% Drier than OMC
Moisture Ratio (%)	92.5	93.5	99.0	93.5
Density Test Results:				
Field Wet Density (t/m³)	2.26	2.27	2.30	2.28
Field Dry Density (t/m³)	2.07	2.08	2.11	2.09
Maximum Dry Density (t/m³)	2.03	2.07	2.11	2.04
Dry Density Ratio Required (%)	100	100	100	100
Dry Density Ratio (%)	102.0	100.0	100.0	102.0

Remarks

Accredited for compliance with ISO/IEC 17025 – Testing		
	Accreditation Number: 1986 Corporate Site Number: 14874	
		Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3

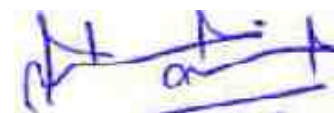
LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-22926-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9297
Component:	Capping Layer	Client Reference/s:	Capping Layer
Area Description:	RTM	Report Date / Page:	31/07/2025 Page 2 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-66083	14874/S/25-66084		
ID / Client ID	Capping Layer	Capping Layer		
Lot Number	n/a	n/a		
Date / Time Tested	29/07/2025 12:30	29/07/2025 12:30		
Material Source	Imported	Imported		
Material Type	Mudstone	Mudstone		
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b		
Depths: Test / Nom / Actual (mm)	125 / 150 / -	125 / 150 / -		
Standard or Modified	Standard	Standard		
Stabilised Material Curing Time	-	-		
Layer Number	5	6		
Location Number	Capping	Capping		
Test Fraction (mm)	< 19.0 mm	< 19.0 mm		
Sample Oversize Wet / Dry (%)	12 / 12	13 / 14		
MDR Sample Number	14874/S/25-66083	14874/S/25-66084		
MDR Sample Date / Update	29/07/2025	29/07/2025		
Assigned MDR (Yes / No)	No	No		
Moisture Test Results:				
Field Moisture Content (%)	9.2	9.3		
Optimum Moisture Content (%)	9.5	9.5		
Variation from OMC (%)	0.0% Drier than OMC	0.5% Drier than OMC		
Moisture Ratio (%)	97.5	95.5		
Density Test Results:				
Field Wet Density (t/m³)	2.20	2.31		
Field Dry Density (t/m³)	2.02	2.11		
Maximum Dry Density (t/m³)	1.98	2.06		
Dry Density Ratio Required (%)	100	100		
Dry Density Ratio (%)	102.0	102.5		

Remarks

Accredited for compliance with ISO/IEC 17025 – Testing		
	Accreditation Number: 1986 Corporate Site Number: 14874	
		Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3

LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

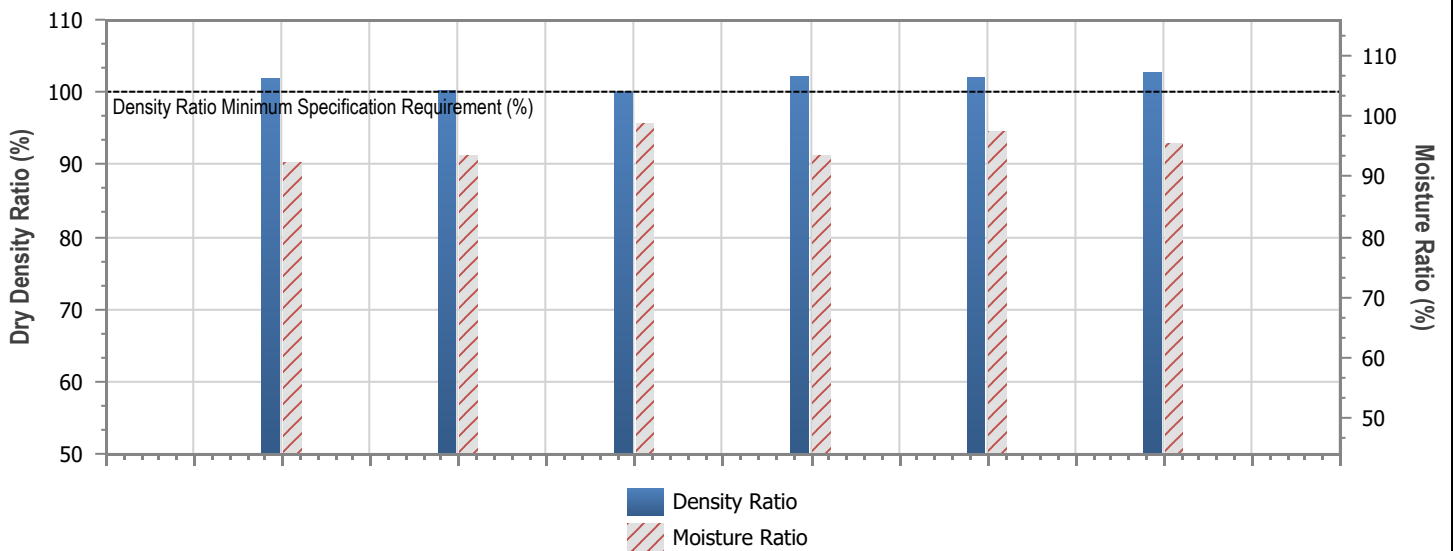
Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-22926-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9297
Component:	Capping Layer	Client Reference/s:	Capping Layer
Area Description:	RTM	Report Date / Page:	31/07/2025 Page 3 of 3

Test Procedures:	AS1289.5.4.1, RC301.01, AS1289.5.1.1, AS1289.5.8.1, AS1289.2.1.1
Statistical Analysis Test Method:	Vic Roads RC316.00

Nuclear Gauge Calibration Details

Calibration Number	-	Material Source	-
Calibration Last Updated	-	Material Type	-
Nominated Calibration Layer Depth (mm)	-		-

LOT TEST RESULT SUMMARY



Tests in Lot = 6	Lot Minimum	Lot Maximum	Lot Mean	Standard Deviation
Moisture Ratio (%)	92.4	98.8	95.2	2.553
Dry Density Ratio (%)	100.1	102.7	101.5	1.099

Lot Number: n/a
Characteristic Moisture Ratio (%): 92.8
Characteristic Density Ratio (%): 100.5

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986
Corporate Site Number: 14874

Approved Signatory: Nawin Dahal
Form ID: W27ASRepSum Rev 3

Site Location Sketch

Client: Winslow Constructors

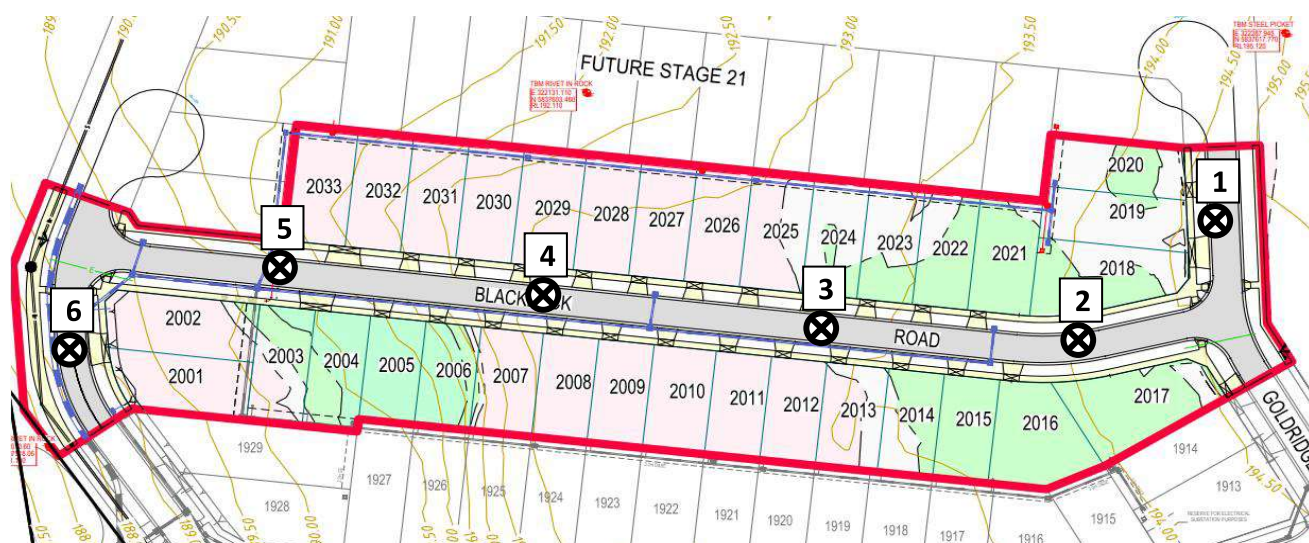
Job No. P/3155

Test Request No. T/25-9297

Date Tested: 29/07/2025

Test site locations only

NOT TO SCALE



LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24058-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9843
Component:	BlackBuck Road	Client Reference/s:	Compaction Testing subbase - 7/8/2
Area Description:	R.T.M	Report Date / Page:	8/08/2025 Page 1 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-70398	14874/S/25-70399	14874/S/25-70400	14874/S/25-70401
ID / Client ID	Compaction Testing subbase - 7/8	Compaction Testing subbase - 7/8	Compaction Testing subbase - 7/8	Compaction Testing subbase - 7/8
Lot Number	n/a	n/a	n/a	n/a
Date / Time Tested	7/08/2025 10:30	7/08/2025 10:30	7/08/2025 10:30	7/08/2025 10:30
Material Source	Aurora Construction Materials, Be	Aurora Construction Materials, Be	Aurora Construction Materials, Be	Aurora Construction Materials, Be
Material Type	Class 3, 20mm, Crushed Rock	Class 3, 20mm, Crushed Rock	Class 3, 20mm, Crushed Rock	Class 3, 20mm, Crushed Rock
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b
Depths: Test / Nom / Actual (mm)	75 / 100 / 100	75 / 100 / -	75 / 100 / -	75 / 100 / -
Standard or Modified	Modified	Modified	Modified	Modified
Stabilised Material Curing Time	-	-	-	-
Layer Number	Subbase	Subbase	Subbase	Subbase
Location Number	1	2	3	4
Test Fraction (mm)	< 19.0 mm	< 19.0 mm	< 19.0 mm	< 19.0 mm
Sample Oversize Wet / Dry (%)	0 / 0	0 / 0	0 / 0	0 / 0
MDR Sample Number	14874/A/1190-1	14874/A/1190-1	14874/A/1190-1	14874/A/1190-1
MDR Sample Date / Update	4/08/2025	4/08/2025	4/08/2025	4/08/2025
Assigned MDR (Yes / No)	Yes	Yes	Yes	Yes
Moisture Test Results:				
Field Moisture Content (%)	5.9	5.8	6.2	5.9
Optimum Moisture Content (%)	6.5	6.5	6.5	6.5
Variation from OMC (%)	0.5% Drier than OMC	0.5% Drier than OMC	0.5% Drier than OMC	0.5% Drier than OMC
Moisture Ratio (%)	90.5	88.5	95.5	90.5
Density Test Results:				
Field Wet Density (t/m³)	2.43	2.41	2.45	2.43
Field Dry Density (t/m³)	2.29	2.28	2.31	2.30
Maximum Dry Density (t/m³)	2.32	2.32	2.32	2.32
Dry Density Ratio Required (%)	98	98	98	98
Dry Density Ratio (%)	99.0	98.0	99.5	99.0

Remarks

Accredited for compliance with ISO/IEC 17025 – Testing		
	Accreditation Number: 1986 Corporate Site Number: 14874	
		Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3

LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24058-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9843
Component:	BlackBuck Road	Client Reference/s:	Compaction Testing subbase - 7/8/2
Area Description:	R.T.M	Report Date / Page:	8/08/2025 Page 2 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1, AS1289.2.1.1
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Sample Number	14874/S/25-70402	14874/S/25-70403		
ID / Client ID	Compaction Testing subbase - 7/8	Compaction Testing subbase - 7/8		
Lot Number	n/a	n/a		
Date / Time Tested	7/08/2025 10:30	7/08/2025 10:30		
Material Source	Aurora Construction Materials, Be	Aurora Construction Materials, Be		
Material Type	Class 3, 20mm, Crushed Rock	Class 3, 20mm, Crushed Rock		
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b		
Depths: Test / Nom / Actual (mm)	75 / 100 / -	75 / 100 / -		
Standard or Modified	Modified	Modified		
Stabilised Material Curing Time	-	-		
Layer Number	Subbase	Subbase		
Location Number	5	6		
Test Fraction (mm)	< 19.0 mm	< 19.0 mm		
Sample Oversize Wet / Dry (%)	0 / 0	0 / 0		
MDR Sample Number	14874/A/1190-1	14874/A/1190-1		
MDR Sample Date / Update	4/08/2025	4/08/2025		
Assigned MDR (Yes / No)	Yes	Yes		
Moisture Test Results:				
Field Moisture Content (%)	6.3	5.8		
Optimum Moisture Content (%)	6.5	6.5		
Variation from OMC (%)	0.0% Drier than OMC	0.5% Drier than OMC		
Moisture Ratio (%)	96.5	89.5		
Density Test Results:				
Field Wet Density (t/m³)	2.47	2.47		
Field Dry Density (t/m³)	2.32	2.34		
Maximum Dry Density (t/m³)	2.32	2.32		
Dry Density Ratio Required (%)	98	98		
Dry Density Ratio (%)	100.0	100.5		

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986
Corporate Site Number: 14874



Approved Signatory: Nawin Dahal
Form ID: W27ASRepSum Rev 3

LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

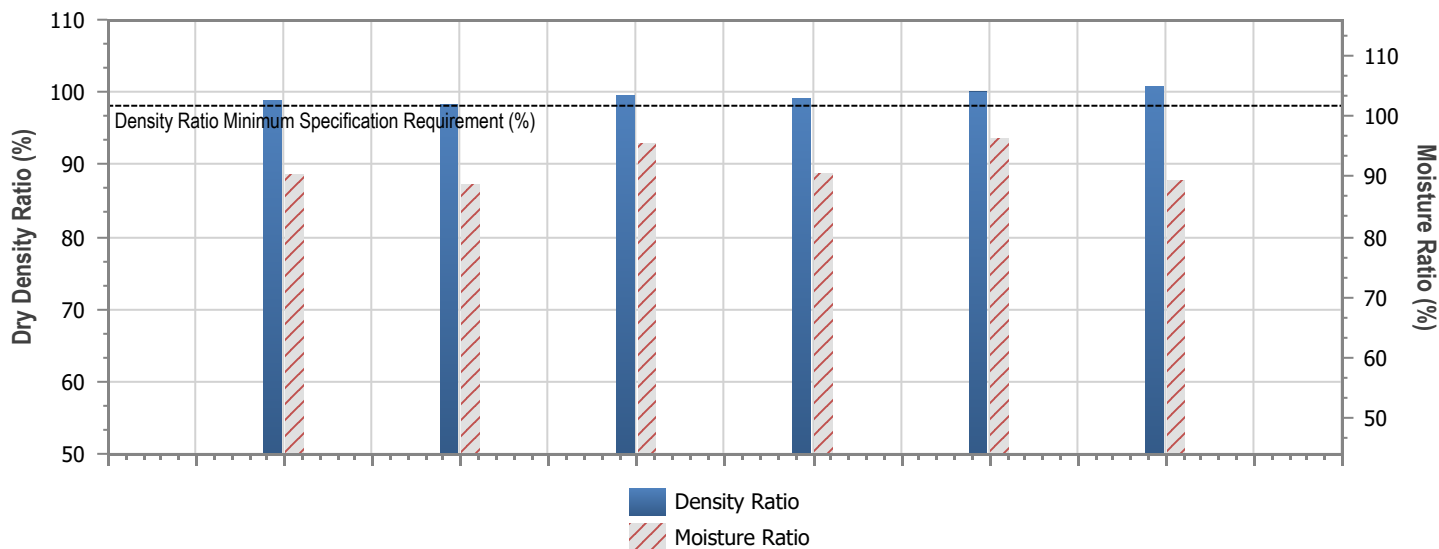
Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24058-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	n/a
Location:	Various	Internal Test Request:	14874/T/25-9843
Component:	BlackBuck Road	Client Reference/s:	Compaction Testing subbase - 7/8/2
Area Description:	R.T.M	Report Date / Page:	8/08/2025 Page 3 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1, AS1289.2.1.1
Statistical Analysis Test Method:	Vic Roads RC316.00

Nuclear Gauge Calibration Details

Calibration Number	-	Material Source	-
Calibration Last Updated	-	Material Type	-
Nominated Calibration Layer Depth (mm)	-		-

LOT TEST RESULT SUMMARY



Tests in Lot = 6	Lot Minimum	Lot Maximum	Lot Mean	Standard Deviation
Moisture Ratio (%)	88.7	96.3	91.8	3.247
Dry Density Ratio (%)	98.2	100.7	99.4	0.910

Lot Number: n/a

Characteristic Moisture Ratio (%): 88.8

Characteristic Density Ratio (%): 98.6

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986
Corporate Site Number: 14874



Approved Signatory: Nawin Dahal
Form ID: W27ASRepSum Rev 3

T/25-9843'



**Construction
Sciences**

Not to Scale
Dimensions in Approx. Metres

Site Location Sketch

Client: Winslow Constructors

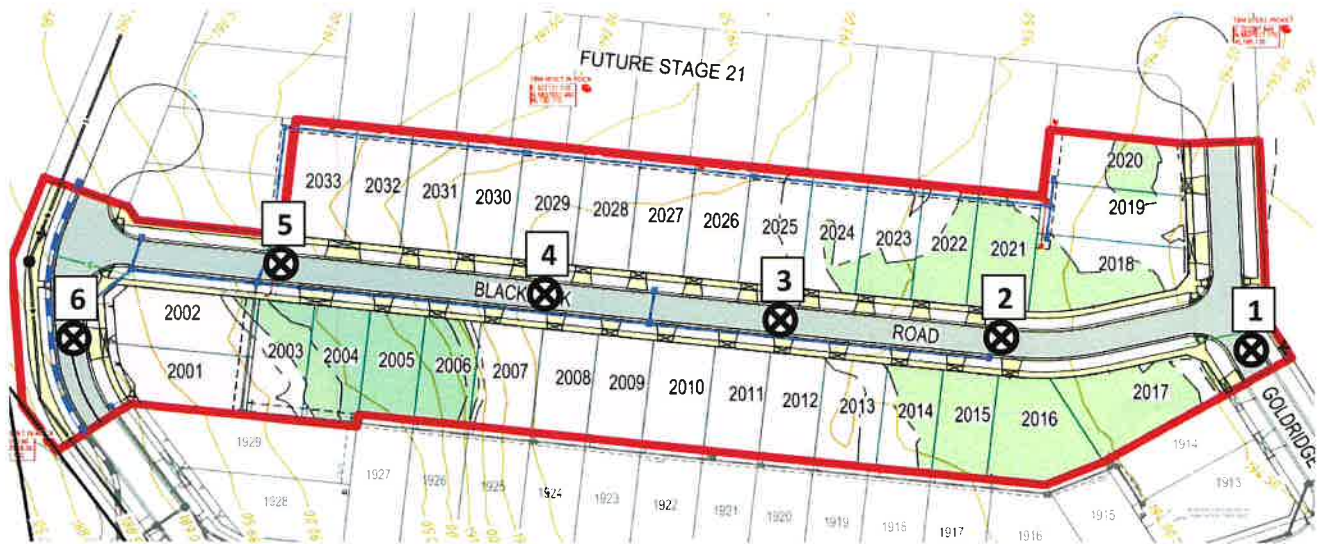
Job No. P/3155

Test Request No. T/

Date Tested: 07/08/2025

Test site locations only

NOT TO SCALE



LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24640-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	-
Location:	Various	Internal Test Request:	14874/T/25-10076
Component:	Blackbuck Rd	Client Reference/s:	Compaction Testing Basecourse 12/
Area Description:	Refer To Map	Report Date / Page:	13/08/2025 Page 1 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1
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Sample Number	14874/S/25-72237	14874/S/25-72238	14874/S/25-72239	14874/S/25-72240
ID / Client ID	Compaction Testing Basecourse 1	Compaction Testing Basecourse 1	Compaction Testing Basecourse 1	Compaction Testing Basecourse 1
Lot Number	-	-	-	-
Date / Time Tested	12/08/2025 08:30	12/08/2025 08:30	12/08/2025 08:30	12/08/2025 08:30
Material Source	Aurora Construction Materials, Be	Aurora Construction Materials, Be	Aurora Construction Materials, Be	Aurora Construction Materials, Be
Material Type	Class 2, 20mm Crushed Rock	Class 2, 20mm Crushed Rock	Class 2, 20mm Crushed Rock	Class 2, 20mm Crushed Rock
Sampling Method	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b	AS1289.1.2.1 CI 6.4b
Depths: Test / Nom / Actual (mm)	125 / 140 / 140	125 / 140 / -	125 / 140 / -	125 / 140 / -
Standard or Modified	Modified	Modified	Modified	Modified
Stabilised Material Curing Time	-	-	-	-
Layer Number	Base Course	Base Course	Base Course	Base Course
Location Number	1	2	3	4
Test Fraction (mm)	< 19.0 mm	< 19.0 mm	< 19.0 mm	< 19.0 mm
Sample Oversize Wet / Dry (%)	0 / 0	0 / 0	0 / 0	0 / 0
MDR Sample Number	14874/A/1177-3	14874/A/1177-3	14874/A/1177-3	14874/A/1177-3
MDR Sample Date / Update	31/07/2025	31/07/2025	31/07/2025	31/07/2025
Assigned MDR (Yes / No)	Yes	Yes	Yes	Yes
Moisture Test Results:				
Field Moisture Content (%)	5.7	6.0	5.1	5.9
Optimum Moisture Content (%)	6.5	6.5	6.5	6.5
Variation from OMC (%)	1.0% Drier than OMC	0.5% Drier than OMC	1.5% Drier than OMC	0.5% Drier than OMC
Moisture Ratio (%)	87.5	92.5	78.5	91.0
Density Test Results:				
Field Wet Density (t/m³)	2.45	2.44	2.42	2.43
Field Dry Density (t/m³)	2.32	2.30	2.30	2.30
Maximum Dry Density (t/m³)	2.27	2.27	2.27	2.27
Dry Density Ratio Required (%)	100	100	100	100
Dry Density Ratio (%)	102.0	101.5	101.5	101.0

Remarks

 Accredited for compliance with ISO/IEC 17025 – Testing Accreditation Number: 1986 Corporate Site Number: 14874	 Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3
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LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24640-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	-
Location:	Various	Internal Test Request:	14874/T/25-10076
Component:	Blackbuck Rd	Client Reference/s:	Compaction Testing Basecourse 12/
Area Description:	Refer To Map	Report Date / Page:	13/08/2025 Page 2 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1
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Sample Number	14874/S/25-72241	14874/S/25-72242		
ID / Client ID	Compaction Testing Basecourse 1	Compaction Testing Basecourse 1		
Lot Number	-	-		
Date / Time Tested	12/08/2025 08:30	12/08/2025 08:30		
Material Source	Aurora Construction Materials, Be	Aurora Construction Materials, Be		
Material Type	Class 2, 20mm Crushed Rock	Class 2, 20mm Crushed Rock		
Sampling Method	AS1289.1.2.1 Cl 6.4b	AS1289.1.2.1 Cl 6.4b		
Depths: Test / Nom / Actual (mm)	125 / 140 / -	125 / 140 / -		
Standard or Modified	Modified	Modified		
Stabilised Material Curing Time	-	-		
Layer Number	Base Course	Base Course		
Location Number	5	6		
Test Fraction (mm)	< 19.0 mm	< 19.0 mm		
Sample Oversize Wet / Dry (%)	0 / 0	0 / 0		
MDR Sample Number	14874/A/1177-3	14874/A/1177-3		
MDR Sample Date / Update	31/07/2025	31/07/2025		
Assigned MDR (Yes / No)	Yes	Yes		
Moisture Test Results:				
Field Moisture Content (%)	5.6	5.7		
Optimum Moisture Content (%)	6.5	6.5		
Variation from OMC (%)	1.0% Drier than OMC	1.0% Drier than OMC		
Moisture Ratio (%)	86.0	87.5		
Density Test Results:				
Field Wet Density (t/m³)	2.44	2.44		
Field Dry Density (t/m³)	2.31	2.31		
Maximum Dry Density (t/m³)	2.27	2.27		
Dry Density Ratio Required (%)	100	100		
Dry Density Ratio (%)	101.5	102.0		

Remarks

 Accredited for compliance with ISO/IEC 17025 – Testing Accreditation Number: 1986 Corporate Site Number: 14874	 Approved Signatory: Nawin Dahal Form ID: W27ASRepSum Rev 3
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LOT REPORT - DRY DENSITY RATIO / MOISTURE RATIO

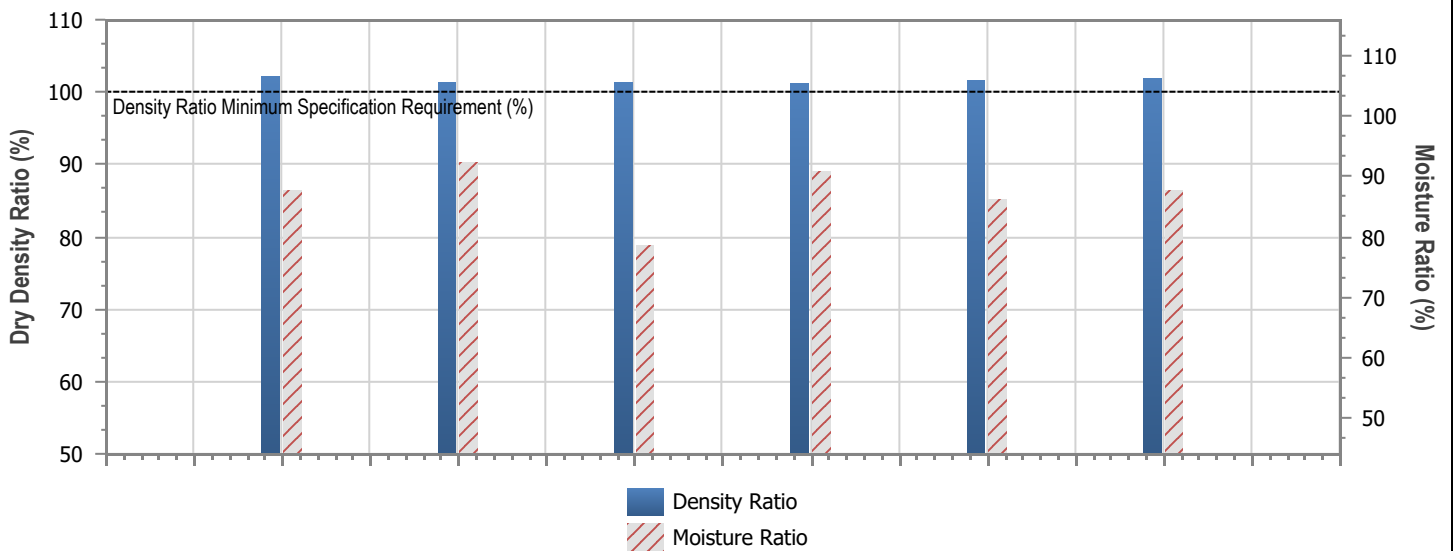
Client:	Winslow Infrastructure Pty Ltd	Report Number:	14874/R/25-24640-1
Client Address:	2 Central Blvd, Port Melbourne	Project Number:	14874/P/3155
Project:	Rathdowne Stage 20	Lot Number:	-
Location:	Various	Internal Test Request:	14874/T/25-10076
Component:	Blackbuck Rd	Client Reference/s:	Compaction Testing Basecourse 12/
Area Description:	Refer To Map	Report Date / Page:	13/08/2025 Page 3 of 3

Test Procedures:	AS1289.5.4.1, AS1289.5.2.1, AS1289.5.4.2, AS1289.5.8.1
Statistical Analysis Test Method:	Vic Roads RC316.00

Nuclear Gauge Calibration Details

Calibration Number	14874/N/818-1	Material Source	Aurora Construction Materials, Be
Calibration Last Updated	7/08/2025	Material Type	Class 2, 20mm Crushed Rock
Nominated Calibration Layer Depth (mm)	200	Moisture Bias	-0.018

LOT TEST RESULT SUMMARY



Tests in Lot = 6	Lot Minimum	Lot Maximum	Lot Mean	Standard Deviation
Moisture Ratio (%)	78.5	92.3	87.2	4.820
Dry Density Ratio (%)	101.1	102.2	101.6	0.418

Lot Number: -

Characteristic Moisture Ratio (%): 82.8

Characteristic Density Ratio (%): 101.2

Remarks



Accredited for compliance with ISO/IEC 17025 – Testing

Accreditation Number: 1986
Corporate Site Number: 14874

Approved Signatory: Nawin Dahal
Form ID: W27ASRepSum Rev 3



**Construction
Sciences**

Not to Scale
Dimensions in Approx. Metres

Site Location Sketch

Client: Winslow Constructors

Job No. P/3155

Test Request No. T/

Date Tested: 12/08/2025

Test site locations only
NOT TO SCALE

