



Pearce Geotech

MERRIFIELD SOUTH RESIDENTIAL STAGE 11

Level One Report

Winslow Constructors

P252488

9th April 2026

9th April 2026

Winslow Constructors
1025 Donnybrook Road,
Donnybrook, 3064, Vic

Attention: Adam Liali

Dear Adam,

RE: Merrifield South Residential Stage 11
Level 1 Report

This letter presents a report by Pearce Geotech Pty Ltd (PG) on Level 1 Testing Services undertaken for the construction of the fill at Merrifield South Residential Stage 11. One electronic copy provided.

Please do not hesitate to contact the undersigned should there be any queries regarding this report.

For and on behalf of Pearce Geotech Pty Ltd.

Regards,



Lee Christie

A 23 Nobility St Moolap VIC 3221
P (03) 5248 7887
E Leec@pgeo.com.au
W pearcegeotech.com.au

**The leading provider of construction
material testing in Australia**

CONTENTS

1	INTRODUCTION	1
2	SCOPE OF WORK	1
2.1	AREA OF WORK	1
2.2	PLACEMENT SPECIFICATION	1
3	CONSTRUCTION PLANT	1
4	INSPECTION AND TESTING	2
4.1	CONSTRUCTION MATERIALS	2
4.2	FILL PLACEMENT	2
4.2.1	TEST SUMMARY	2
5	STATEMENT OF COMPLIANCE	2

Appendices:

Appendix A: Test Results

1 INTRODUCTION

This is a Level One Report for the above-mentioned works and presents the results of compaction control and laboratory testing services provided by Pearce Geotech Pty Ltd (PG) during the construction of fill at Merrifield South Residential Stage 11.

PG was engaged by Winslow Constructors to provide Level 1 testing services for the duration of these works in accordance with the project requirements. The work was commissioned by Adam Liali of Winslow Constructors.

Level 1 testing, as defined in AS3798-2007 "Guidelines on Earthworks for Commercial and Residential Development", provides for full-time inspection of the construction of controlled fill and compaction testing in accordance with AS1289 "Methods of Testing Soils for Engineering Purposes". The Level 1 testing was undertaken by a technician from PG during 8th October 2025 and 6th February 2026.

2 SCOPE OF WORK

2.1 Area of Work

PG provided testing and supervision of fill placed for the dates shown in Appendix A. Conditioning and placement methodology was observed by experienced PG technicians during the period of works. The testing locations were chosen by a PG technician within the relevant work areas of each allotment. Additionally, spot checks for density and moisture were conducted to provide feedback to ground staff during the construction of fill.

This report does not include fill other than where-mentioned in this report or any other fill that may be placed during this period or subsequent periods at or surrounding the subject site. Maintenance and protection of the fill is the obligation of the Contractor and PG takes no responsibility for the state of works outside of the dates shown under appendix A which may be influenced by weather events or continued work on the subject site.

2.2 Placement Specification

The works complete at Merrifield South Residential Stage 11 were completed in accordance with Hume City Council Notes drawing No. 01091-11-E Section 13 *FILLING TO COMPLY WITH AS 3798-2007 LEVEL 1 UNLESS SPECIFIED OTHERWISE.*

3 CONSTRUCTION PLANT

The following construction plant was used on site as required:

- 1 x Water Cart
- 1 x Excavator
- 1 x 815 Compactor
- Truck and Trailers

4 INSPECTION AND TESTING

4.1 Construction Materials

Gravelly Clay was used as fill for this project.

Fill material was sourced from:

- Onsite

All material was tested for compliance, spread and watered to achieve the specified density and moisture specification.

4.2 Fill Placement

During the initial site inspection, a proof-roll was complete using a fully loaded water cart with a minimum weight exceeding 12t which confirmed a suitable base for placement.

Compaction tests and a proof roll were conducted on each tested layer of compacted fill to ensure compliance with the specification and samples of the fill material were tested in PG's NATA accredited laboratory at 23 Nobility Street Moolap, Vic 3221 (Accreditation Number 18877) to determine the Hilt density ratio and moisture ratio of the material. In total 40 field density tests and 40 moisture contents were conducted.

Control Fill material was placed and spread by a dozer and compactors no more than 250mm/300mm thick and loose, simultaneously water conditioned wherever required and compacted using 815 and 825 compactors. Oversize and any deleterious material was removed by Winslow Constructors if sighted.

4.2.1 Test Summary

Refer to Appendix A.

5 STATEMENT OF COMPLIANCE

PG personnel have provided Level 1 inspection and testing services during construction of the fill Merrifield South Residential Stage 11. A technician from PG was on site on a fulltime basis during fill placement and observed the construction techniques adopted.

Based on these observations made by PG personnel and the results of field and laboratory tests, we consider that the fill has been placed in accordance with the intent of the specification mentioned.

For and on behalf of Pearce Geotech Pty Ltd

Regards



Lee Christie
Coordinator

Appendix A

Test Results

Project Summary Report

Report Date: 09/04/2026
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Client Project Number: WC427419
Project Name: Merrifield South Residential Stage 11
Project Location: English Street, Mickleham
Specification: 98% Standard
Test Methods: AS 1289 5.7.1 STD & 5.8.1 & 2.1.1

Lot #	Sample #	Date Sampled	Location	Location		Elevation (m)	Layer	Relative Compaction (%)	Moisture Variation (%)	Moisture Content (%)	Field Wet Density (t/m3)
1121	25-36074A	08/10/2025	Refer to Plan	**	**	1	Lift 1	98.0	2.0	18.3	1.81
1126	25-36074B	08/10/2025	Refer to Plan	**	**	1	Lift 1	98.5	2.0	19.6	1.81
1118	25-36074C	08/10/2025	Refer to Plan	**	**	1	Lift 1	99.5	2.0	19.1	1.83
1116	25-36074D	08/10/2025	Refer to Plan	**	**	1	Lift 1	98.5	2.0	17.8	1.80
1114	25-36074E	08/10/2025	Refer to Plan	**	**	1	Lift 1	98.5	2.0	17.2	1.81
1132	25-36074F	08/10/2025	Refer to Plan	**	**	1	Lift 1	99.0	2.0	19.1	1.83
1120	25-36109A	09/10/2025	Refer to Plan	**	**	**	Lift 2	98.5	2.0	17.8	1.89
1119	25-36109B	09/10/2025	Refer to Plan	**	**	**	Lift 2	99.5	2.0	19.7	1.91
1127	25-36109C	09/10/2025	Refer to Plan	**	**	**	Lift 2	98.5	2.0	18.6	1.88
1129	25-36109D	09/10/2025	Refer to Plan	**	**	**	Lift 2	98.0	2.0	19.6	1.88
1131	25-36109E	09/10/2025	Refer to Plan	**	**	**	Lift 2	98.5	2.0	20.4	1.88
1133	25-36109F	09/10/2025	Refer to Plan	**	**	**	Lift 2	99.0	2.0	19.9	1.91
1134	25-36109G	09/10/2025	Refer to Plan	**	**	**	Lift 1	99.0	2.0	19.0	1.90
1136	25-36109H	09/10/2025	Refer to Plan	**	**	**	Lift 1	98.5	2.0	19.6	1.90
1138	25-36109I	09/10/2025	Refer to Plan	**	**	**	Lift 1	99.5	2.0	20.7	1.90
1140	25-36109J	09/10/2025	Refer to Plan	**	**	**	Lift 1	99.0	1.5	19.7	1.90
1113	25-36119A	10/10/2025	Refer to Plan	**	**	**	Lift 1	99.5	0.0	22.5	1.94
1111	25-36119B	10/10/2025	Refer to Plan	**	**	**	Lift 1	100.0	0.0	24.2	1.94
1110	25-36119C	10/10/2025	Refer to Plan	**	**	**	Lift 1	99.5	0.0	24.5	1.95
1109	25-36119D	10/10/2025	Refer to Plan	**	**	**	Lift 2	101.0	0.0	23.8	1.95
1112	25-36119E	10/10/2025	Refer to Plan	**	**	**	Lift 2	100.5	0.0	21.7	1.96
1112	25-36119F	10/10/2025	Refer to Plan	**	**	**	Lift 2	99.5	0.0	23.8	1.95
Rushall St Reserve	25-36162A	13/10/2025	Refer to plan	**	**	**	Lift 1	100.0	2.0	18.7	1.98
Rushall St Reserve	25-36162B	13/10/2025	Refer to plan	**	**	**	Lift 1	99.5	2.0	21.2	1.97
1142	25-36162C	13/10/2025	Refer to Plan	**	**	**	Lift 1	99.5	2.0	18.8	1.96
1144	25-36162D	13/10/2025	Refer to Plan	**	**	**	Lift 1	99.0	2.0	20.0	1.96
1145	25-36162E	13/10/2025	Refer to Plan	**	**	**	Lift 1	100.0	1.5	19.9	1.97
1146	25-36162F	13/10/2025	Refer to Plan	**	**	**	Lift 1	98.5	2.0	19.1	1.96
1135	26-37520A	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	100.0	2.0	17.9	1.93
1136	26-37520B	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	99.0	2.0	19.4	1.93
1137	26-37520C	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	98.5	2.0	19.0	1.92
1138	26-37520D	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	100.5	2.0	19.8	1.93
1139	26-37520E	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	99.0	1.5	21.5	1.92
1140	26-37520F	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	98.5	2.0	18.8	1.92
1148	26-37520G	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	100.5	2.0	19.4	1.94
1147	26-37520H	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	99.0	1.5	19.5	1.92
1146	26-37520I	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	99.0	2.0	18.8	1.92
1144	26-37520J	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	99.0	2.0	18.1	1.93
1143	26-37520K	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	98.5	2.0	19.7	1.93
1142	26-37520L	06/02/2026	Allotment Fill - Refer to plan	**	**	**	FSL	100.0	2.0	21.2	1.93

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: P252488-1
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Location amended
Date Issued: 11/12/2025
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: Mickleham
Client Reference: WC427419
Work Request: 36074
Date Sampled: 08/10/2025
Dates Tested: 09/10/2025 - 17/10/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 19299
Specification: 98% Standard
Location: TRN 19299
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Mitch Francis
Laboratory Manager
NATA Accredited Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	25-36074A	25-36074B	25-36074C	25-36074D	25-36074E	25-36074F
Date Tested	08/10/2025	08/10/2025	08/10/2025	08/10/2025	08/10/2025	08/10/2025
Time Tested	09:18	09:26	09:34	09:41	09:48	09:55
Test Request #/Location	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Layer / Reduced Level	Lift 1	Lift 1	Lift 1	Lift 1	Lift 1	Lift 1
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.81	1.81	1.83	1.80	1.81	1.83
Field Moisture Content %	18.3	19.6	19.1	17.8	17.2	19.1
Field Dry Density (FDD) t/m ³	1.53	1.51	1.53	1.53	1.54	1.54
Peak Converted Wet Density t/m ³	1.84	1.83	1.84	1.83	1.83	1.85
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0	2.0	2.0	2.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	98.0	98.5	99.5	98.5	98.5	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

CLIENT NAME:
Winslow Constructors Pty Ltd

PROJECT NAME:
Merrifield South - Stage 11

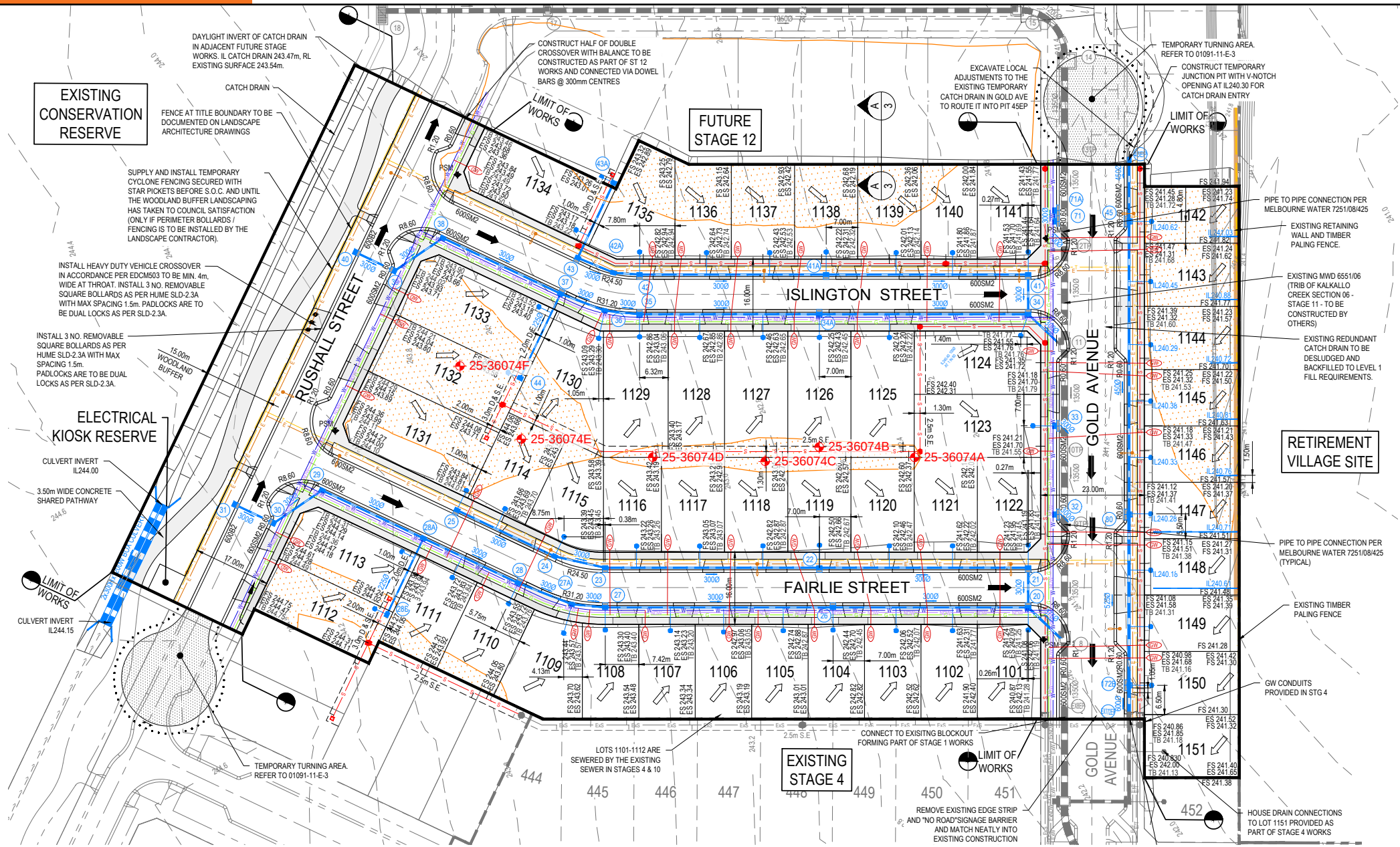
The leading provider of construction
material testing in Australia

A 23 Nobility St Moolap VIC 3221

P (03) 5248 7887

E admin@pearcegeotech.com.au

W pearcegeotech.com.au



Material Test Report

Report Number: P252488-2
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Location amended
Date Issued: 11/12/2025
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: Mickleham
Client Reference: WC427419
Work Request: 36109
Date Sampled: 09/10/2025
Dates Tested: 10/10/2025 - 13/10/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20203
Specification: 98% Standard
Location: TRN 20203
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing


Approved Signatory: Mitch Francis
Laboratory Manager
NATA Accredited Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	25-36109A	25-36109B	25-36109C	25-36109D	25-36109E
Date Tested	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025
Time Tested	10:14	10:20	10:27	10:40	10:46
Test Request #/Location	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Layer / Reduced Level	Lift 2	Lift 2	Lift 2	Lift 2	Lift 2
Thickness of Layer (mm)	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.89	1.91	1.88	1.88	1.88
Field Moisture Content %	17.8	19.7	18.6	19.6	20.4
Field Dry Density (FDD) t/m ³	1.60	1.59	1.59	1.58	1.56
Peak Converted Wet Density t/m ³	1.92	1.92	1.91	1.92	1.91
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0	2.0	2.0
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	98.5	99.5	98.5	98.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: P252488-2
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Location amended
Date Issued: 11/12/2025
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: Mickleham
Client Reference: WC427419
Work Request: 36109
Date Sampled: 09/10/2025
Dates Tested: 10/10/2025 - 13/10/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20203
Specification: 98% Standard
Location: TRN 20203
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Mitch Francis
Laboratory Manager
NATA Accredited Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	25-36109F	25-36109G	25-36109H	25-36109I	25-36109J
Date Tested	09/10/2025	09/10/2025	09/10/2025	09/10/2025	09/10/2025
Time Tested	10:54	11:10	11:18	11:30	11:41
Test Request #/Location	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Layer / Reduced Level	Lift 2	Lift 1	Lift 1	Lift 1	Lift 1
Thickness of Layer (mm)	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.91	1.90	1.90	1.90	1.90
Field Moisture Content %	19.9	19.0	19.6	20.7	19.7
Field Dry Density (FDD) t/m ³	1.59	1.60	1.59	1.58	1.59
Peak Converted Wet Density t/m ³	1.92	1.93	1.93	1.91	1.92
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0	2.0	1.5
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	99.0	99.0	98.5	99.5	99.0
Compaction Method	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

[illegible]

Material Test Report

Report Number: P252488-3
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Location amended
Date Issued: 11/12/2025
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: Mickleham
Client Reference: WC427419
Work Request: 36119
Date Sampled: 10/10/2025
Dates Tested: 11/10/2025 - 23/10/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20210
Specification: 98% Standard
Location: TRN 20210
Material: Clay
Material Source: Imported



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Mitch Francis
Laboratory Manager
NATA Accredited Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	25-36119A	25-36119B	25-36119C	25-36119D	25-36119E	25-36119F
Date Tested	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025	10/10/2025
Time Tested	10:57	11:02	11:11	11:16	11:21	11:28
Test Request #/Location	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Layer / Reduced Level	Lift 1	Lift 1	Lift 1	Lift 2	Lift 2	Lift 2
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.94	1.94	1.95	1.95	1.96	1.95
Field Moisture Content %	22.5	24.2	24.5	23.8	21.7	23.8
Field Dry Density (FDD) t/m ³	1.58	1.57	1.56	1.58	1.61	1.58
Peak Converted Wet Density t/m ³	1.95	1.94	1.96	1.94	1.95	1.97
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Variation (Wv) %	0.0	0.0	0.0	0.0	0.0	0.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.5	100.0	99.5	101.0	100.5	99.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

CLIENT NAME:
Winslow Constructors Pty Ltd

PROJECT NAME:
Merrifield South - Stage 11

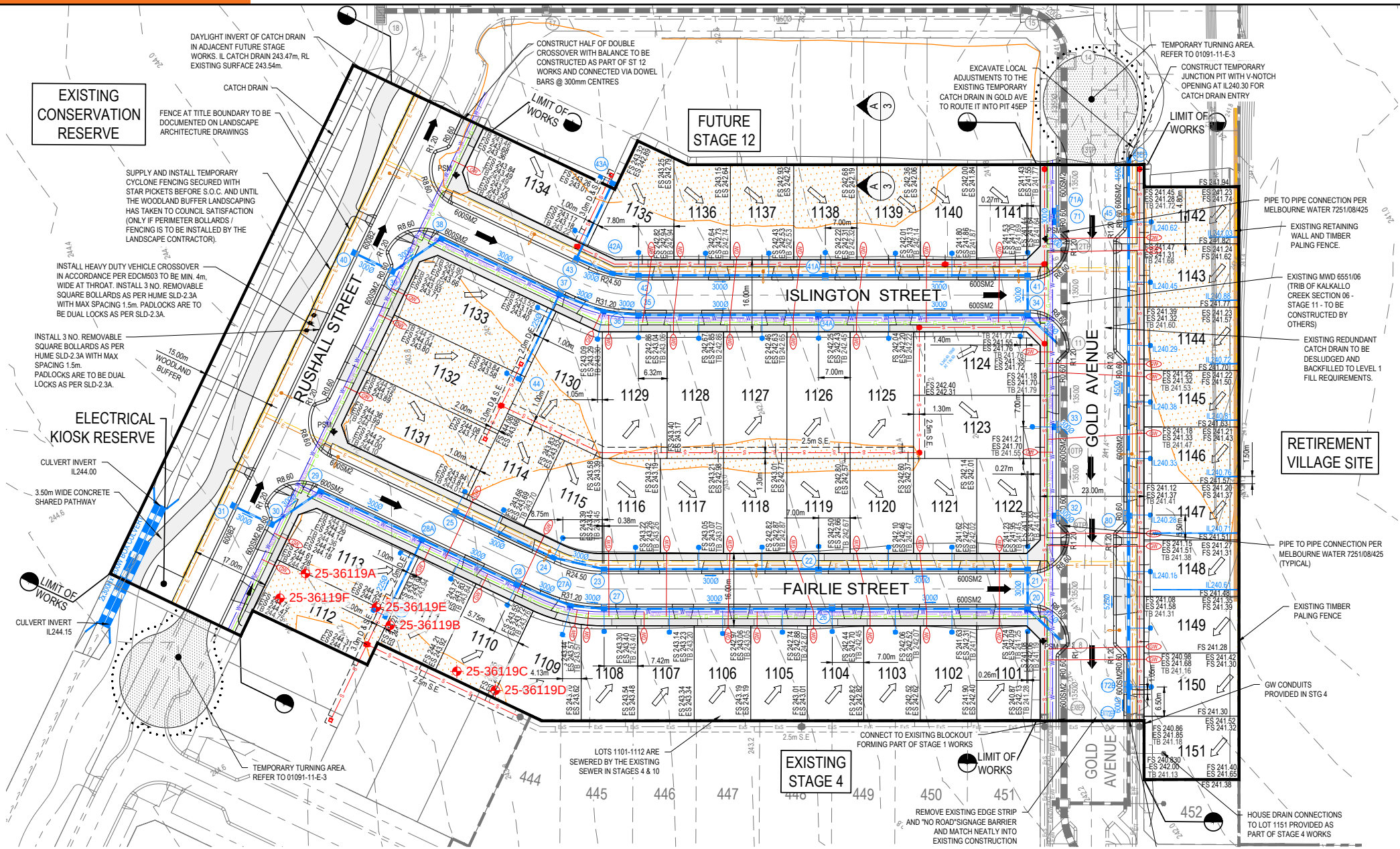
The leading provider of construction
material testing in Australia

A 23 Nobility St Moolap VIC 3221

P (03) 5248 7887

E admin@pearcegeotech.com.au

W pearcegeotech.com.au



Material Test Report

Report Number: P252488-4
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Location amended
Date Issued: 11/12/2025
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: Mickleham
Client Reference: WC427419
Work Request: 36162
Date Sampled: 13/10/2025
Dates Tested: 15/10/2025 - 22/10/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20213
Specification: 98% Standard
Location: TRN 20213
Material: Clay
Material Source: Imported



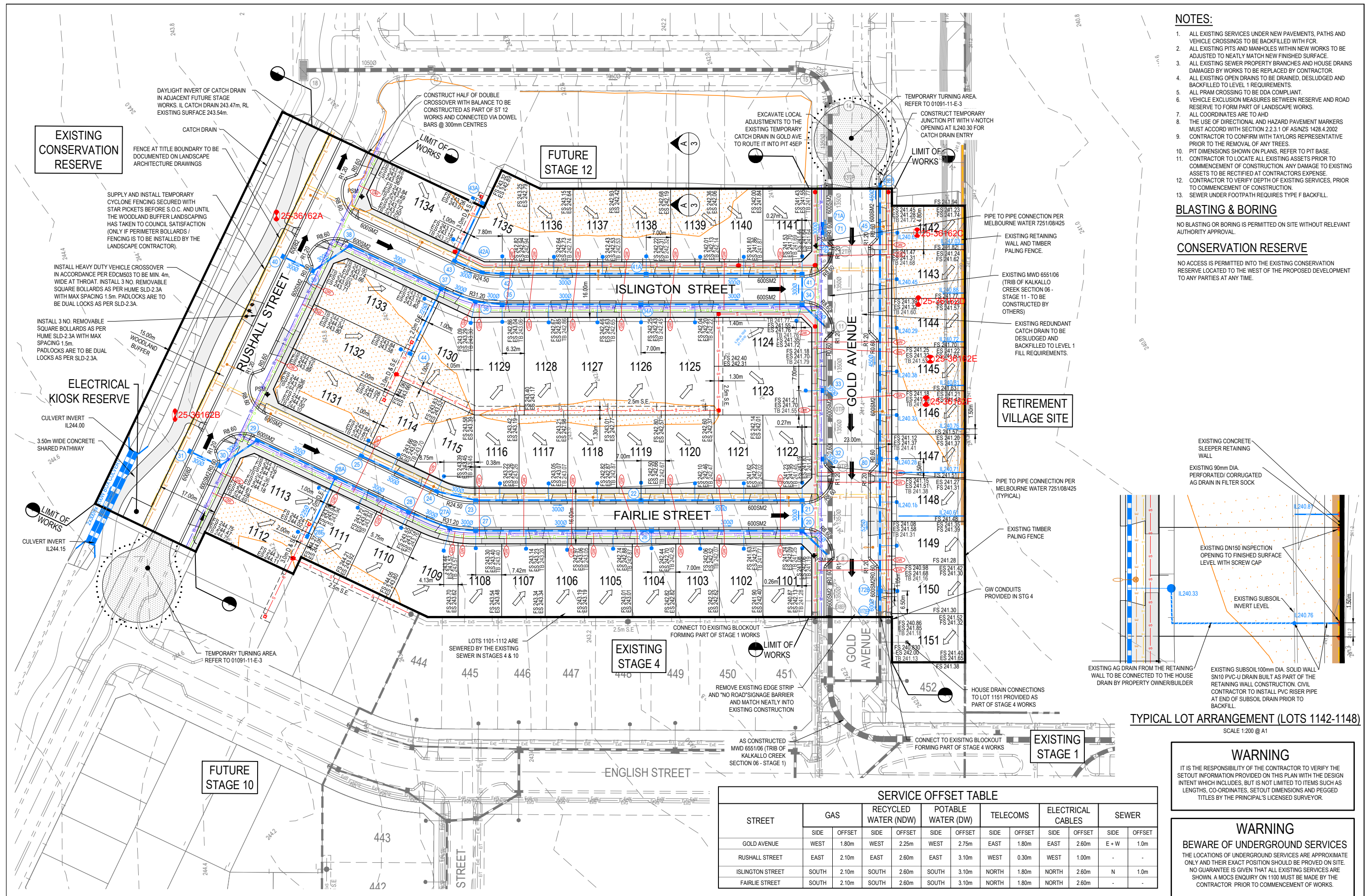
Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Mitch Francis
Laboratory Manager
NATA Accredited Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	25-36162A	25-36162B	25-36162C	25-36162D	25-36162E	25-36162F
Date Tested	13/10/2025	13/10/2025	13/10/2025	13/10/2025	13/10/2025	13/10/2025
Time Tested	12:01	12:13	12:22	12:27	12:34	12:39
Test Request #/Location	Rushall Street Reserve	Rushall Street Reserve	Refer to Plan	Refer to Plan	Refer to Plan	Refer to Plan
Layer / Reduced Level	Lift 1	Lift 1	Lift 1	Lift 1	Lift 1	Lift 1
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.98	1.97	1.96	1.96	1.97	1.96
Field Moisture Content %	18.7	21.2	18.8	20.0	19.9	19.1
Field Dry Density (FDD) t/m ³	1.67	1.63	1.65	1.63	1.64	1.65
Peak Converted Wet Density t/m ³	1.98	1.99	1.97	1.98	1.97	1.99
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0	2.0	1.5	2.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	100.0	99.5	99.5	99.0	100.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**	**

Moisture Variation Note:

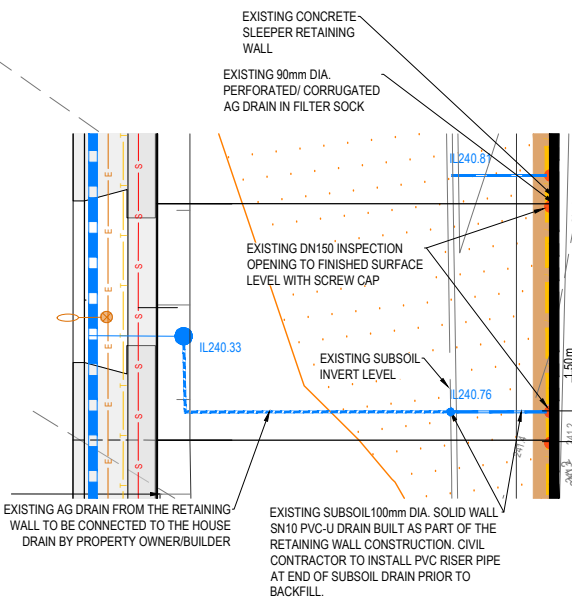
Positive values = test is dry of OMC
Negative values = test is wet of OMC



- NOTES:**
- 1. ALL EXISTING SERVICES UNDER NEW PAVEMENTS, PATHS AND VEHICLE CROSSINGS TO BE BACKFILLED WITH FOR.
 - 2. ALL EXISTING PITS AND MANHOLES WITHIN NEW WORKS TO BE ADJUSTED TO NEATLY MATCH NEW FINISHED SURFACE.
 - 3. ALL EXISTING SEWER PROPERTY BRANCHES AND HOUSE DRAINS DAMAGED BY WORKS TO BE REPLACED BY CONTRACTOR.
 - 4. ALL EXISTING OPEN DRAINS TO BE DRAINED, DESLUGGED AND BACKFILLED TO LEVEL 1 REQUIREMENTS.
 - 5. ALL PRAM CROSSING TO BE DDA COMPLIANT.
 - 6. VEHICLE EXCLUSION MEASURES BETWEEN RESERVE AND ROAD RESERVE TO FORM PART OF LANDSCAPE WORKS.
 - 7. ALL COORDINATES ARE TO AHD.
 - 8. THE USE OF DIRECTIONAL AND HAZARD PAVEMENT MARKERS MUST ACCORD WITH SECTION 2.2.3.1 OF AS/NZS 1428.4:2002.
 - 9. CONTRACTOR TO CONFIRM WITH TAYLORS REPRESENTATIVE PRIOR TO THE REMOVAL OF ANY TREES.
 - 10. PIT DIMENSIONS SHOWN ON PLANS, REFER TO PIT BASE.
 - 11. CONTRACTOR TO LOCATE ALL EXISTING ASSETS PRIOR TO COMMENCEMENT OF CONSTRUCTION. ANY DAMAGE TO EXISTING ASSETS TO BE RECTIFIED AT CONTRACTORS EXPENSE.
 - 12. CONTRACTOR TO VERIFY DEPTH OF EXISTING SERVICES, PRIOR TO COMMENCEMENT OF CONSTRUCTION.
 - 13. SEWER UNDER FOOTPATH REQUIRES TYPE F BACKFILL.

BLASTING & BORING
NO BLASTING OR BORING IS PERMITTED ON SITE WITHOUT RELEVANT AUTHORITY APPROVAL.

CONSERVATION RESERVE
NO ACCESS IS PERMITTED INTO THE EXISTING CONSERVATION RESERVE LOCATED TO THE WEST OF THE PROPOSED DEVELOPMENT TO ANY PARTIES AT ANY TIME.



TYPICAL LOT ARRANGEMENT (LOTS 1142-1148)
SCALE 1:200 @ A1

WARNING
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SETOUT INFORMATION PROVIDED ON THIS PLAN WITH THE DESIGN INTENT WHICH INCLUDES, BUT IS NOT LIMITED TO ITEMS SUCH AS LENGTHS, CO-ORDINATES, SETOUT DIMENSIONS AND PEGGED TITLES BY THE PRINCIPAL'S LICENSED SURVEYOR.

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVED ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. A MOC'S ENQUIRY ON 1100 MUST BE MADE BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORKS.

SERVICE OFFSET TABLE												
STREET	GAS		RECYCLED WATER (NDW)		POTABLE WATER (DW)		TELECOMS		ELECTRICAL CABLES		SEWER	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
GOLD AVENUE	WEST	1.80m	WEST	2.25m	WEST	2.75m	EAST	1.80m	EAST	2.60m	E + W	1.0m
RUSHALL STREET	EAST	2.10m	EAST	2.60m	EAST	3.10m	WEST	0.30m	WEST	1.00m	-	-
ISLINGTON STREET	SOUTH	2.10m	SOUTH	2.60m	SOUTH	3.10m	NORTH	1.80m	NORTH	2.60m	N	1.0m
FAIRLIE STREET	SOUTH	2.10m	SOUTH	2.60m	SOUTH	3.10m	NORTH	1.80m	NORTH	2.60m	-	-

Material Test Report

Report Number: P252488-5
Issue Number: 3 - This version supersedes all previous issues
Reissue Reason: Data entry error, test locations amended as per clients request.
Date Issued: 09/04/2026
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: English Street, Mickleham
Client Reference: WC427419
Work Request: 37520
Date Sampled: 06/02/2026
Dates Tested: 06/02/2026 - 09/02/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20939
Specification: 98% Standard
Location: TRN 20939
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing


Approved Signatory: Lee Christie
Client Manager
Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	26-37520A	26-37520B	26-37520C	26-37520D	26-37520E	26-37520F
Date Tested	06/02/2026	06/02/2026	06/02/2026	06/02/2026	06/02/2026	06/02/2026
Time Tested	09:31	09:38	09:46	09:52	10:01	10:09
Test Request #/Location	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan
Layer / Reduced Level	FSL	FSL	FSL	FSL	FSL	FSL
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.93	1.93	1.92	1.93	1.92	1.92
Field Moisture Content %	17.9	19.4	19.0	19.8	21.5	18.8
Field Dry Density (FDD) t/m ³	1.64	1.62	1.62	1.61	1.58	1.61
Peak Converted Wet Density t/m ³	1.94	1.95	1.96	1.92	1.94	1.95
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0	2.0	1.5	2.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	100.0	99.0	98.5	100.5	99.0	98.5
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: P252488-5
Issue Number: 3 - This version supersedes all previous issues
Reissue Reason: Data entry error, test locations amended as per clients request.
Date Issued: 09/04/2026
Client: Winslow Constructors Pty Ltd
Level 1, 6 English Street, Essendon Fields Vic 3041
Contact: Ali Al Musharafawi
Project Number: P252488
Project Name: Merrifield South Residential Stage 11
Project Location: English Street, Mickleham
Client Reference: WC427419
Work Request: 37520
Date Sampled: 06/02/2026
Dates Tested: 06/02/2026 - 09/02/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: TRN 20939
Specification: 98% Standard
Location: TRN 20939
Material: Clay
Material Source: Insitu



Accredited for compliance with ISO/IEC 17025 - Testing


Approved Signatory: Lee Christie
Client Manager
Laboratory Number: 18877

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	26-37520G	26-37520H	26-37520I	26-37520J	26-37520K	26-37520L
Date Tested	06/02/2026	06/02/2026	06/02/2026	06/02/2026	06/02/2026	06/02/2026
Time Tested	10:16	10:21	10:29	10:37	10:46	10:53
Test Request #/Location	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan	Allotment Fill - Refer to plan
Layer / Reduced Level	FSL	FSL	FSL	FSL	FSL	FSL
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Clay	Clay	Clay	Clay	Clay	Clay
Test Depth (mm)	175	175	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	**	**	**	**
Field Wet Density (FWD) t/m ³	1.94	1.92	1.92	1.93	1.93	1.93
Field Moisture Content %	19.4	19.5	18.8	18.1	19.7	21.2
Field Dry Density (FDD) t/m ³	1.62	1.61	1.62	1.63	1.61	1.59
Peak Converted Wet Density t/m ³	1.93	1.94	1.94	1.95	1.96	1.93
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Variation (Wv) %	2.0	1.5	2.0	2.0	2.0	2.0
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	100.5	99.0	99.0	99.0	98.5	100.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard
Remarks	**	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC
Negative values = test is wet of OMC

Sample Locations Plan

x - approximate test location



**Pearce
Geotech**

The leading provider of construction
material testing in Australia

A 23 Nobility St Moolap VIC 3221

P (03) 5248 7887

E admin@pearcegeotech.com.au

W pearcegeotech.com.au



**Pearce
Geotech**

CLIENT NAME:

Winslow Constructors Pty Ltd

PROJECT NAME:

Merrifield South - Stage 11

