Wedge Road Stage 4

GITA Inspection Verification Report

Prepared For:	Streetworks Pty Ltd
Report Number	P252163A V1
Version Release Date	30 Jan 2026
Report Released By	C Caulfield
Title	Lab Manager
Signature	

Table of Contents

Appendices

1 Introduction

Terra Firma Laboratories was engaged by Streetworks Pty Ltd as the Geotechnical Inspection and Testing Authority (GITA) to provide Level 1 supervision and testing works on the earthworks component for Wedge Road Stage 4. This work was conducted over the period of 27/03/2025 to 11/12/2025.

This report presents that the allotment earthworks was carried out in accordance with AS3798-2007 *Guidelines for Earthworks for Commercial and Residential Development* and in compliance with the compaction control specifications established by the contractor.

2 Scope of Work

2.1 Area of Work

The areas of work included lots 401, 406 to 422, 428 to 439, 441 to 443, 447 to 449, bounded by streets Seaberry Promenade, Montalto Street, Greycliffe Avenue, Pumpkin Road, Glynella Crescent and Northampton Street. The site will be a Residential development.

The area on which fill was placed is shown on site plan (Appendix 1: *Test Location Plan*) based on drawings prepared by Spiire (Drawing Reference: 320977-04BCR200 C) and provided by Streetworks Pty Ltd.

The supervision work by the GITA involved both inspection of sub grade preparation work and full time inspection and testing of fill placement.

2.2 Specification

The technical specification (Reference from Drawings) for compaction control requirements was provided by Streetworks Pty Ltd and established that:

Test Rolling is required for all layers of structural fill and materials within 150mm of permanent subgrade level so as to withstand test rolling without visible deformation or springing. Corrective action is required where unstable areas exceed 20% of the area being considered by test rolling.

Section 5.2 of AS3798-2007 (Section 5.2) establishes a specification requirement for a minimum density ratio of not less than 95% noting that soils containing more than 20% of particles coarser than 37.5mm cannot be tested for relative compaction using the procedures of AS1289 5.1.1 and AS1289 5.2.1.

In accordance with Table 8.1 (AS3798), for large scale operations, (greater than 1500m^2), the minimum testing frequency is 1 test per layer per material type per 2500m^2 or 1 test per 500m^3 distributed reasonable evenly throughout full depth and area or 3 tests per lot. AS3798 defines a lot as "an area of work that is essentially homogenous in relation to material type and moisture condition, rolling response and compaction technique, and which has been used for the assessment of the relative compaction of an area of work". All three of these test frequencies must be achieved and this is typically confirmed to have been achieved when 3 tests per visit (day) have been completed.

2.3 Limitations

Terra Firma Laboratories cannot verify any works completed by others outside of the time period specified in the introduction. Uncontrolled works may include, but are not limited to trenching for services, cut and fill works for slab preparation or subsequent removal of vegetation and back fill of holes unless specified in section 2.1 of this report.

Terra Firma Laboratories cannot verify that the material used as a filling medium is free from chemical or other contamination. The scope and the period of Terra Firma Laboratories as described in the introduction are subject to restrictions and limitations. Terra Firma Laboratories did not perform a complete assessment of all possible conditions and circumstances that may exist at the site. If a service is not expressly indicated, do not assume it has been provided. If a matter is not addressed, do not assume that any determination has been made by Terra Firma Laboratories.

Verification of finished surface level to design levels is outside of the scope of the GITA report.

Any drawings or marked locations presented in this report should be considered only as pictorial evidence of our work. Therefore, unless otherwise stated, any dimensions should not be used for accurate calculations or dimensioning.

Where data has been supplied by the client or a third party, it is assumed that the information is correct unless otherwise stated. No responsibility is accepted by Terra Firma Laboratories for incomplete or inaccurate data supplied by others.

3 Construction Method

3.1 Subgrade Preparation

At the time of subgrade inspection the following was observed:

- Subgrade preparation involved stripping the site of topsoil, vegetation and organic matter to a depth of approximately 200mm below existing levels.
- The site was cleared of all trees and stumps to the extent necessary for the fill placement to proceed
- The roots of all trees and any debris was removed from site prior to any fill placement

An old drain running from East to West across the site was cleaned out and the subgrade was inspected.

The sub-grade area was then proof-rolled to confirm it was capable of withstanding test rolling without visible deformation or springing and any areas observed to be soft or otherwise unsuitable were rectified. The sub-grade was watered and scarified prior to fill placement to aid layer bonding.

3.2 Fill Placement

The contractor was observed to have suitable construction equipment and plant available on-site during the construction period for use in the fill placement.

All fill was placed in layers of thicknesses not exceeding 300mm. At the completion of a placed layer, compaction testing was performed to confirm appropriate compaction had been achieved and supported the observations made. It should be noted that the compaction tests are representative samples of the fill placed and support the visual assessment of the works completed. Each house lot does not necessarily require a compaction test to to have been conducted within the house allotment but may have been verified by testing conducted within up to a 2500m^2 area of the house lot.

Final fill placement levels were verified against design level by others. For the purposes of this report, it was observed that finished levels were in accordance with levels marked on site by survey markers.

The final 200mm of material placed across the site was placed as a topsoil layer or growing medium and should be considered as non-structural, as it was placed in an uncontrolled manner, as allowed by specifications and placement of the final 200mm of material was not observed by the GITA.

4 Construction Verification

Compaction Verification testing is summarized in a detailed test register with test certificates attached provided in Appendix 2: *Compaction Test Register and Test Certificates*. A test location plan (P252163D1, Appendix 1) providing a schematic of test locations across the extent of scope of works for every placed layer of fill is also documented.

A total of 177 density tests (Hilf method in accordance with 1289 5.7.1) were undertaken with 10 failed results. The contractor was notified of any failed tests and the failed areas were ripped, watered, compacted and then re-tested to confirm compliance with the specification. The results summarised in the compaction test register (Appendix 2) confirm that for every layer of fill placed in a specific work area, satisfactory testing was completed.

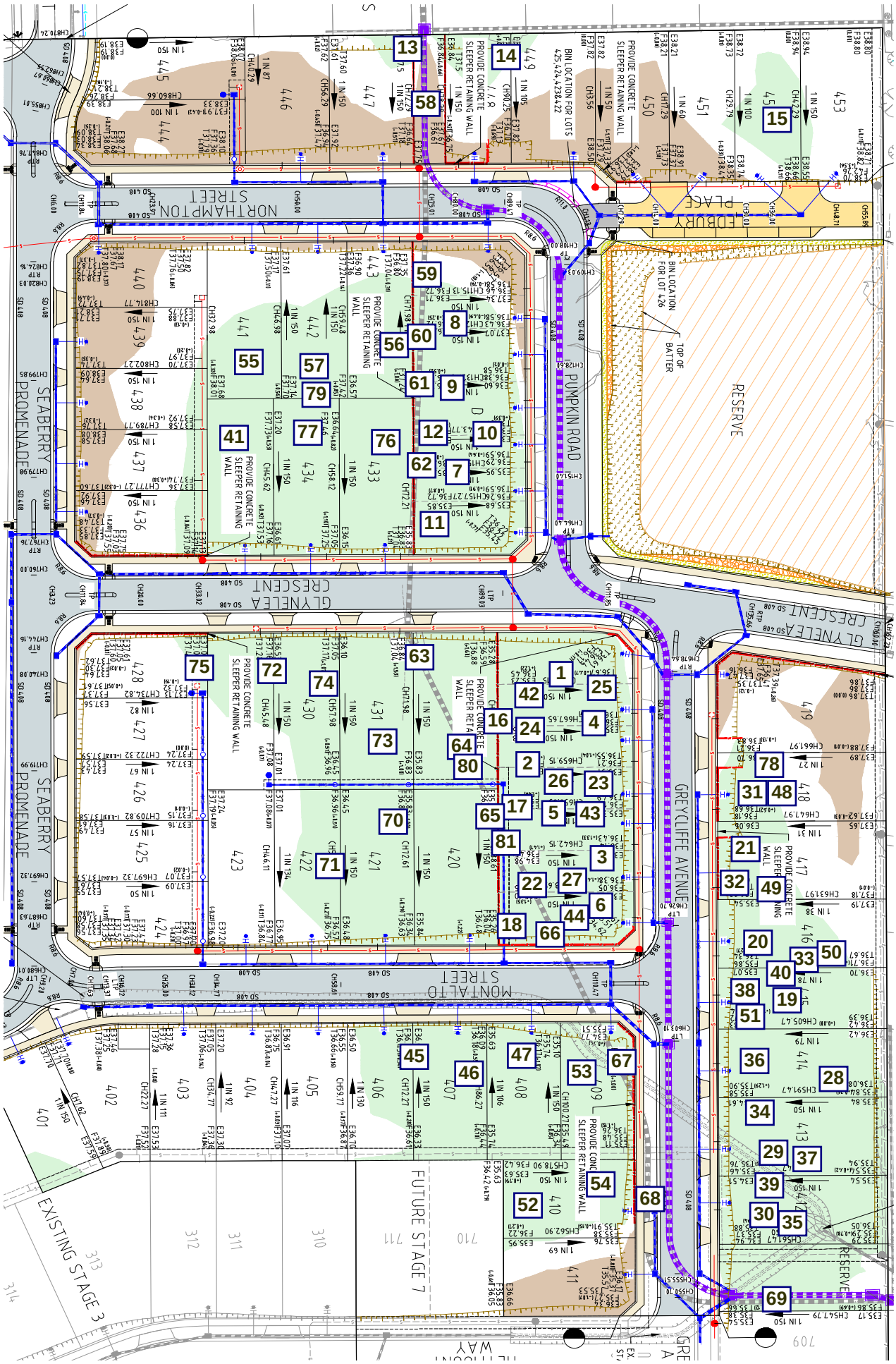
5 Statement of Compliance

The intention of this report is to provide a description of the earthworks construction for Stage 4 at Wedge Road. For completed fill areas of greater than 300mm, and for works completed between 27/03/2025 and 11/12/2025, earthworks construction activities were conducted under the full time supervision of the Geotechnical Inspection and Testing Authority. Inspections and testing of the fill areas at this site indicate that both sub grade preparation and fill placement have been conducted in accordance with the specification. The earthworks construction for Stage 4 of Wedge Road was observed to be constructed in compliance with the requirements of the Technical Specification.

Appendix 1: Test Location Plan

Our Head Office
47 National Ave
Pakenham, VIC 3810

Our Laboratories
Pakenham 03 9769 5799
Deer Park 03 8348 5596
Bibra Lake 08 9395 7220



terra firma laboratories

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47 National Ave
Pakenham, VIC 3810

Our Laboratories
Pakenham 03 9769 5799
Deer Park 03 8348 5596
Bibra Lake 08 9395 7220

Test Location Plan

not to scale

Client: Streetworks Pty Ltd

Project: Wedge Road Stage 4

Reference: P252163 D1

Appendix 2: Compaction Test Register and Test Certificates

Compaction Test Register

Client: Streetworks Pty Ltd
Project: Wedge Road Stage 4
Project No: P252163
Specification: 95%

Date:	Test No:	Layer:	Retest of:	Density:	Pass/Fail:	Lot No:	Report No:
27/03/2025	1	Layer 1		102.5%	Pass	Lot E	P252163-1
27/03/2025	2	Layer 1		101.5%	Pass	Lot E	P252163-1
27/03/2025	3	Layer 1		98.5%	Pass	Lot E	P252163-1
27/03/2025	4	Layer 2		95.5%	Pass	Lot E	P252163-1
27/03/2025	5	Layer 2		96.5%	Pass	Lot E	P252163-1
27/03/2025	6	Layer 2		96.5%	Pass	Lot E	P252163-1
31/03/2025	7	Layer 1		101.0%	Pass	Lot D	P252163-2
31/03/2025	8	Layer 1		98.0%	Pass	Lot D	P252163-2
31/03/2025	9	Layer 2		100.5%	Pass	Lot D	P252163-2
1/04/2025	10	Layer 2		97.0%	Pass	Lot D	P252163-3
1/04/2025	11	Layer 2		99.0%	Pass	Lot D	P252163-3
1/04/2025	12	Layer 3		99.5%	Pass	Lot D	P252163-3
2/04/2025	13	FSL		95.0%	Pass	Lot 447	P252163-4
2/04/2025	14	FSL		97.0%	Pass	Lot 448	P252163-4
2/04/2025	15	FSL		99.5%	Pass	Lot 452	P252163-4
16/06/2025	16	Layer 1		104.5%	Pass	Lot E	P252163-5
16/06/2025	17	Layer 1		101.0%	Pass	Lot E	P252163-5
16/06/2025	18	Layer 2		108.0%	Pass	Lot E	P252163-5
17/06/2025	19	Layer 1		99.5%	Pass	Lot 415	P252163-6
17/06/2025	20	Layer 1		99.5%	Pass	Lot 416	P252163-6
17/06/2025	21	Layer 1		98.5%	Pass	Lot 417	P252163-6
18/06/2025	22	Layer 2		99.5%	Pass	Lot E	P252163-7
18/06/2025	23	Layer 3		98.0%	Pass	Lot E	P252163-7
18/06/2025	24	Layer 3		101.5%	Pass	Lot E	P252163-7
24/06/2025	25	Layer 4		102.0%	Pass	Lot E	P252163-8
24/06/2025	26	Layer 4		101.5%	Pass	Lot E	P252163-8
24/06/2025	27	Layer 4		102.5%	Pass	Lot E	P252163-8
27/06/2025	28	Layer 1		95.5%	Pass	Lot 414	P252163-9
27/06/2025	29	Layer 1		94.5%	Fail	Lot 413	P252163-9
27/06/2025	30	Layer 1		93.0%	Fail	Lot 412	P252163-9
30/06/2025	31	Layer 1		89.5%	Fail	Lot 418	P252163-10
30/06/2025	32	Layer 2		92.0%	Fail	Lot 417	P252163-10
30/06/2025	33	Layer 2		92.0%	Fail	Lot 416	P252163-10
1/07/2025	34	Layer 3		96.5%	Pass	Lot 413	P252163-11
1/07/2025	35	Layer 1	Test #30	98.0%	Pass	Lot 412	P252163-11
1/07/2025	36	Layer 3		96.5%	Pass	Lot 414	P252163-11
1/07/2025	37	Layer 1	Test #29	96.0%	Pass	Lot 414	P252163-11
1/07/2025	38	Layer 2		93.5%	Fail	Lot 415	P252163-11
7/07/2025	39	Layer 3		112.5%	Pass	Lot 412	P252163-12
7/07/2025	40	Layer 3		103.0%	Pass	Lot 415	P252163-12
7/07/2025	41	Layer 1		117.0%	Pass	Lot 435	P252163-12

Compaction Test Register

Client: Streetworks Pty Ltd
Project: Wedge Road Stage 4
Project No: P252163
Specification: 95%

Date:	Test No:	Layer:	Retest of:	Density:	Pass/Fail:	Lot No:	Report No:
25/08/2025	42	layer 5		101.5%	Pass	Lot E	P252163-13
25/08/2025	43	layer 5		100.5%	Pass	Lot E	P252163-13
25/08/2025	44	FSL		98.0%	Pass	Lot E	P252163-13
29/08/2025	45	Layer 1		96.0%	Pass	Lot 407	P252163-14
29/08/2025	46	Layer 2		101.5%	Pass	Lot 407	P252163-14
29/08/2025	47	Layer 3		98.5%	Pass	Lot 408	P252163-14
1/09/2025	48	Layer 1	Test #31	90.5%	Fail	Lot 418	P252163-15
1/09/2025	49	Layer 3	Test #32	99.5%	Pass	Lot 417	P252163-15
1/09/2025	50	Layer 3	Test #33	98.0%	Pass	Lot 416	P252163-15
1/09/2025	51	Layer 2	Test #38	98.5%	Pass	Lot 415	P252163-15
1/09/2025	52	Layer 3		100.5%	Pass	Lot 410	P252163-15
1/09/2025	53	Layer 3		100.0%	Pass	Lot 409	P252163-15
1/09/2025	54	FSL		98.5%	Pass	Lot 410	P252163-15
2/09/2025	55	Layer 1		101.0%	Pass	Lot 441	P252163-16
2/09/2025	56	Layer 2		100.0%	Pass	Lot 443	P252163-16
2/09/2025	57	Layer 3		94.5%	Fail	Lot 442	P252163-16
5/09/2025	58	FSL		104.0%	Pass	Trench	P252163-17
5/09/2025	59	FSL		95.5	Pass	Trench	P252163-17
9/5/2025	60	FSL		97	Pass	Trench	P252163-17
9/8/2025	61	FSL		97.5	Pass	Trench	P252163-18
9/8/2025	62	FSL		100.5	Pass	Trench	P252163-18
9/8/2025	63	FSL		105	Pass	Trench	P252163-18
9/10/2025	64	FSL		92.5	Pass	Trench	P252163-19
9/10/2025	65	FSL		92	Pass	Trench	P252163-19
9/10/2025	66	FSL		97.5	Pass	Trench	P252163-19
9/11/2025	67	FSL		95	Pass	Trench	P252163-20
9/11/2025	68	FSL		98.5	Pass	Trench	P252163-20
9/11/2025	69	FSL		95	Pass	Trench	P252163-20
12/5/2025	70	Layer 1		98	Pass	Lot 421	P252163-21
12/5/2025	71	Layer 2		100	Pass	Lot 422	P252163-21
12/5/2025	72	Layer 1		99.5	Pass	Lot 430	P252163-21
12/8/2025	73	FSL		99	Pass	Lot 431	P252163-25
12/8/2025	74	FSL		95	Pass	Lot 430	P252163-25
12/9/2025	75	FSL		96.5	Pass	Lot 428	P252163-22
12/9/2025	76	Layer 2		99.5	Pass	Lot 433	P252163-22
12/9/2025	77	FSL		97	Pass	Lot 434	P252163-22
12/11/2025	78	Layer 1	Test #48	96	Pass	Lot 418	P252163-23
12/11/2025	79	Layer 3	Test #57	98.5	Pass	Lot 442	P252163-23
12/11/2025	80	FSL	Test #64	96.5	Pass	Trench	P252163-23
12/11/2025	82	FSL	Test #65	99	Pass	Trench	P252163-24

Material Test Report

Report Number: **P252163-1**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 17496
Date Sampled: 27/03/2025
Dates Tested: 27/03/2025 - 31/03/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye
Material: SAND
Material Source: Onsite

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NATA WORLD RECOGNISED ACCREDITATION
Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	P25-17496A	P25-17496B	P25-17496C	P25-17496D	P25-17496E	P25-17496F
Test Number	1	2	3	4	5	6
Date Tested	27/03/2025	27/03/2025	27/03/2025	27/03/2025	27/03/2025	27/03/2025
Time Tested	**	**	**	**	**	**
Test Request #/Location	Lot E	Lot E	Lot E	Lot E	Lot E	Lot E
Layer / Reduced Level	Layer 1	Layer 1	Layer 1	Layer 2	Layer 2	Layer 2
Thickness of Layer (mm)	250	250	250	250	250	250
Soil Description	SAND	SAND	SAND	SAND	SAND	SAND
Test Depth (mm)	225	225	225	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	0	0	0	0	0	0
Field Wet Density (FWD) t/m^3	1.86	1.88	1.88	1.77	1.80	1.81
Field Moisture Content %	7.3	10.7	12.5	8.9	9.9	9.2
Field Dry Density (FDD) t/m^3	1.74	1.70	1.67	1.62	1.64	1.66
Peak Converted Wet Density t/m^3	1.82	1.85	1.91	1.85	1.87	1.88
Adjusted Peak Converted Wet Density t/m^3	**	**	**	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	7.6	10.3	12.4	9.4	11.3	11.5
Adj. Field Moisture Content % (AS1289.5.4.1)	7.3	10.7	12.5	8.9	9.9	9.2
Moisture Ratio % (AS1289.5.4.1)	96.0	104.0	101.0	95.0	87.5	79.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.5	-0.5	0.0	0.5	1.5	2.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	**102.5**	**101.5**	**98.5**	**95.5**	**96.5**	**96.5**
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: P252163-2
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 17539
Date Sampled: 31/03/2025
Dates Tested: 31/03/2025 - 02/04/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road - Level One
Material: clay

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-17539A	P25-17539B	P25-17539C
Test Number	7	8	9
Date Tested	31/03/2025	31/03/2025	31/03/2025
Time Tested	**	**	**
Test Request #/Location	Lot D	Lot D	Lot D
Layer / Reduced Level	Layer 1	Layer 1	Layer 2
Thickness of Layer (mm)	300	300	300
Soil Description	SAND	SAND	SAND
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	0	0	0
Field Wet Density (FWD) t/m^3	1.83	1.85	1.78
Field Moisture Content %	6.1	10.9	6.1
Field Dry Density (FDD) t/m^3	1.72	1.67	1.68
Peak Converted Wet Density t/m^3	1.81	1.88	1.78
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	5.4	9.1	6.6
Adj. Field Moisture Content % (AS1289.5.4.1)	6.1	10.9	6.1
Moisture Ratio % (AS1289.5.4.1)	115.0	120.0	91.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-1.0	-2.0	0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**101.0**	**98.0**	**100.5**
Compaction Method	**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: **P252163-3**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 17550
Date Sampled: 01/04/2025
Dates Tested: 01/04/2025 - 02/04/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road Skye - Level One
Material: SAND

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-17550A	P25-17550B	P25-17550C
Test Number	10	11	12
Date Tested	01/04/2025	01/04/2025	01/04/2025
Time Tested	09:54	09:54	09:54
Test Request #/Location	Lot D	Lot D	Lot D
Layer / Reduced Level	Layer 2	Layer 2	Layer 3
Thickness of Layer (mm)	300	300	300
Soil Description	SAND	SAND	SAND
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	0	0
Field Wet Density (FWD) t/m^3	1.86	1.91	1.96
Field Moisture Content %	11.1	13.2	11.3
Field Dry Density (FDD) t/m^3	1.67	1.69	1.76
Peak Converted Wet Density t/m^3	1.91	1.94	1.96
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	13.1	10.4
Adj. Field Moisture Content % (AS1289.5.4.1)	11.1	13.2	11.3
Moisture Ratio % (AS1289.5.4.1)	84.5	100.5	108.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	2.0	0.0	-1.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**97.0**	**99.0**	**99.5**
Compaction Method	**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: **P252163-4**
Issue Number: 1
Date Issued: 06/04/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 17566
Date Sampled: 02/04/2025
Dates Tested: 02/04/2025 - 03/04/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road - Level One
Material: SAND
Material Source: Onsite

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Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Chris Caulfield
Laboratory Manager
NATA Accredited Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-17566A	P25-17566B	P25-17566C
Test Number	13	14	15
Date Tested	02/04/2025	02/04/2025	02/04/2025
Time Tested	**	**	**
Test Request #/Location	Lot 447	Lot 448	Lot 452
Layer / Reduced Level	Surface	Surface	Surface
Thickness of Layer (mm)	300	300	300
Soil Description	Sand	Sand	Sand
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	**	**	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.89	1.81	1.89
Field Moisture Content %	13.1	7.8	12.0
Field Dry Density (FDD) t/m^3	1.67	1.68	1.69
Peak Converted Wet Density t/m^3	1.99	1.86	1.90
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	**	**	12.0
Moisture Ratio % (AS1289.5.4.1)	124.0	120.5	132.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-2.5	-1.5	-3.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**95.0**	**97.0**	**99.5**
Compaction Method	**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: P252163-5
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18197
Date Sampled: 16/06/2025
Dates Tested: 16/06/2025 - 19/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road - Level One
Material: CLAY
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager

Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18197A	P25-18197B	P25-18197C
Test Number	16	17	18
Date Tested	16/06/2025	16/06/2025	16/06/2025
Time Tested	**	**	**
Test Request #/Location	Lot E	Lot E	Lot E
Layer / Reduced Level	Layer 1	Layer 1	Layer 2
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY	CLAY	CLAY
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.09	2.10	2.12
Field Moisture Content %	18.8	19.3	24.0
Field Dry Density (FDD) t/m^3	1.76	1.76	1.71
Peak Converted Wet Density t/m^3	2.00	2.07	1.96
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	18.8	19.3	24.0
Moisture Ratio % (AS1289.5.4.1)	89.0	95.5	90.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	2.0	1.0	2.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**104.5**	**101.0**	**108.0**
Compaction Method	**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: P252163-6
Issue Number: 1
Date Issued: 02/07/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18206
Date Sampled: 17/06/2025
Dates Tested: 17/06/2025 - 19/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road Stage 4 - Skye
Material: SAND
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
NATA Accredited Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18206A	P25-18206B	P25-18206C
Test Number	19	20	21
Date Tested	17/06/2025	17/06/2025	17/06/2025
Time Tested	**	**	**
Test Request #/Location	Lot 415	Lot 416	Lot 417
Layer / Reduced Level	Layer 1	Layer 1	Layer 1
Thickness of Layer (mm)	300	300	300
Soil Description	SAND	SAND	SAND
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.87	1.88	1.87
Field Moisture Content %	7.5	8.5	7.6
Field Dry Density (FDD) t/m^3	1.74	1.73	1.74
Peak Converted Wet Density t/m^3	1.87	1.88	1.90
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	7.5	8.5	7.6
Moisture Ratio % (AS1289.5.4.1)	72.5	76.0	67.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	3.0	3.0	4.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**99.5**	**99.5**	**98.5**
Compaction Method	**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: P252163-7
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18217
Date Sampled: 18/06/2025
Dates Tested: 18/06/2025 - 19/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 230 Wedge Road Stage 4, Sky- Level one
Material: Gravelly CLAY
Material Source: Onsite

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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18217A	P25-18217B	P25-18217C
Test Number	22	23	24
Date Tested	18/06/2025	18/06/2025	18/06/2025
Time Tested	**	**	**
Test Request #/Location	Lot E	Lot E	Lot E
Layer / Reduced Level	Layer 2	Layer 3	Layer 3
Thickness of Layer (mm)	300	300	300
Soil Description	Gravelly CLAY	Gravelly CLAY	Gravelly CLAY
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.20	2.31	2.19
Field Moisture Content %	23.2	15.2	24.5
Field Dry Density (FDD) t/m^3	1.79	2.01	1.76
Peak Converted Wet Density t/m^3	2.22	2.36	2.16
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	23.2	15.2	24.5
Moisture Ratio % (AS1289.5.4.1)	102.0	102.0	105.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-0.5	-0.5	-1.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**99.5**	**98.0**	**101.5**
Compaction Method	**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: P252163-8
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18269
Date Sampled: 24/06/2025
Dates Tested: 24/06/2025 - 26/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye
Material: CLAY
Material Source: Onsite

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Approved Signatory: Chris Caulfield
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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18269A	P25-18269B	P25-18269C
Test Number	25	26	27
Date Tested	24/06/2025	24/06/2025	24/06/2025
Time Tested	**	**	**
Test Request #/Location	Lot E	Lot E	Lot E
Easting	342413.1	342399.9	342410.4
Northing	5782224.9	5782215.2	5782212.1
Layer / Reduced Level	Layer 4	Layer 4	Layer 4
Thickness of Layer (mm)	300	300	300
Soil Description	CLAY	CLAY	CLAY
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.88	1.87	1.97
Field Moisture Content %	26.6	25.5	22.3
Field Dry Density (FDD) t/m^3	1.48	1.49	1.61
Peak Converted Wet Density t/m^3	1.84	1.84	1.93
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	26.6	25.5	22.3
Moisture Ratio % (AS1289.5.4.1)	84.5	90.0	86.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	4.5	2.5	3.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**102.0**	**101.5**	**102.5**
Compaction Method	**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: **P252163-9**
Issue Number: 1
Date Issued: 02/07/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18295
Date Sampled: 27/06/2025
Dates Tested: 27/06/2025 - 30/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye - Level One
Material: Sand
Material Source: Onsite

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Laboratory Manager
NATA Accredited Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18295A	P25-18295C	
Test Number	28	30	
Date Tested	27/06/2025	27/06/2025	
Time Tested	**	**	
Test Request #/Location	Lot 414	Lot 412	
Layer / Reduced Level	Layer 1	Layer 1	
Thickness of Layer (mm)	300	300	
Soil Description	Sand	Sand	
Test Depth (mm)	275	275	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	0	
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	
Field Wet Density (FWD) t/m^3	1.93	1.84	
Field Moisture Content %	7.2	5.2	
Field Dry Density (FDD) t/m^3	1.80	1.75	
Peak Converted Wet Density t/m^3	2.02	1.98	
Adjusted Peak Converted Wet Density t/m^3	**	**	
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	
Adj. Field Moisture Content % (AS1289.5.4.1)	7.2	**	
Moisture Ratio % (AS1289.5.4.1)	65.0	52.5	
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	
Moisture Variation (Wv) %	4.0	5.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	**95.5**	**93.0**	
Compaction Method	**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: **P252163-9**
Issue Number: 1
Date Issued: 02/07/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18295
Date Sampled: 27/06/2025
Dates Tested: 27/06/2025 - 30/06/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye - Level One
Material: Sand
Material Source: Onsite

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Compaction Control AS 1289 5.1.1 & 5.4.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18295B		
Test Number	29		
Date Tested	27/06/2025		
Time Tested	**		
Test Request #/Location	Lot 413		
Layer / Reduced Level	Layer 1		
Thickness of Layer (mm)	300		
Soil Description	Sand		
Test Depth (mm)	275		
Fraction Tested (mm)	19.0		
Oversize (wet basis) %	0		
Oversize (dry basis) %	0		
Curing Hours	**		
Method used to Determine Plasticity	Visual Assessment		
Field Wet Density (FWD) t/m^3	1.86		
Field Moisture Content %	4.6		
Field Dry Density t/m^3	1.77		
Maximum Dry Density t/m^3	1.88		
Adjusted Maximum Dry Density t/m^3	**		
Optimum Moisture Content (OMC) %	10.5		
Adjusted Optimum Moisture Content (OMC) %	**		
Moisture Variation %	6.0		
Moisture Ratio %	43.0		
Density Ratio %	**94.5**		
Compaction Method	**Standard**		

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC

Material Test Report

Report Number: **P252163-10**
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Layer Added*
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18310
Date Sampled: 30/06/2025
Dates Tested: 30/06/2025 - 01/07/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye - Level One
Material: SAND
Material Source: Onsite

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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18310A	P25-18310B	P25-18310C
Test Number	31	32	33
Date Tested	30/06/2025	30/06/2025	30/06/2025
Time Tested	**	**	**
Test Request #/Location	Lot 418	Lot 417	Lot 416
Layer / Reduced Level	Layer 1	Layer 2	Layer 2
Thickness of Layer (mm)	300	300	300
Soil Description	SAND	SAND	SAND
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	**
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.84	1.88	1.89
Field Moisture Content %	9.0	4.4	6.1
Field Dry Density (FDD) t/m^3	1.69	1.80	1.78
Peak Converted Wet Density t/m^3	2.05	2.04	2.05
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	9.0	4.4	**
Moisture Ratio % (AS1289.5.4.1)	67.0	51.5	60.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	4.5	4.5	4.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**89.5**	**92.0**	**92.0**
Compaction Method	**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: P252163-11
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Layer added*
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18321
Date Sampled: 01/07/2025
Dates Tested: 01/07/2025 - 02/07/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye - Level One
Material: SAND
Material Source: Onsite

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Approved Signatory: Chris Caulfield
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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	P25-18321A	P25-18321B	P25-18321C	P25-18321D	P25-18321E
Test Number	34	35	36	37	38
Date Tested	01/07/2025	01/07/2025	01/07/2025	01/07/2025	01/07/2025
Time Tested	**	**	**	**	**
Test Request #/Location	Lot 413	Lot 412 Retest of 30	Lot 414	Lot 414 Retest of 29	Lot 415
Layer / Reduced Level	Layer 3	Layer 1	Layer 3	Layer 1	Layer 2
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	SAND	SAND	SAND	SAND	SAND
Test Depth (mm)	275	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**	**	**
Field Wet Density (FWD) t/m^3	1.94	1.95	1.98	1.94	1.94
Field Moisture Content %	4.2	4.5	-22.3	5.9	-17.2
Field Dry Density (FDD) t/m^3	1.87	1.87	2.55	1.83	2.35
Peak Converted Wet Density t/m^3	2.01	1.99	2.05	2.02	2.08
Adjusted Peak Converted Wet Density t/m^3	**	**	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	4.2	4.5	-22.3	5.9	-17.2
Moisture Ratio % (AS1289.5.4.1)	48.5	51.5	114.0	64.0	128.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**	**	**
Moisture Variation (Wv) %	4.5	4.5	4.0	3.5	5.0
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	**96.5**	**98.0**	**96.5**	**96.0**	**93.5**
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: **P252163-12**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18344
Date Sampled: 07/07/2025
Dates Tested: 07/07/2025 - 08/07/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: Wedge Road Stage 4 - Level One
Material: Sandy CLAY

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18344A	P25-18344B	P25-18344C
Test Number	39	40	41
Date Tested	07/07/2025	07/07/2025	07/07/2025
Time Tested	**	**	**
Test Request #/Location	Lot 412	Lot 415	Lot 435
Layer / Reduced Level	layer 3	layer 3	layer 1
Thickness of Layer (mm)	300	300	300
Soil Description	Sandy silty CLAY	Sandy silty CLAY	Sandy silty CLAY
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.06	1.98	2.10
Field Moisture Content %	8.1	11.3	7.1
Field Dry Density (FDD) t/m^3	1.90	1.78	1.96
Peak Converted Wet Density t/m^3	1.95	1.93	1.93
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	8.1	11.3	7.1
Moisture Ratio % (AS1289.5.4.1)	75.5	81.5	108.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	3.0	2.5	-0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**105.0**	**103.0**	**108.5**
Compaction Method	**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: P252163-13
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18647
Date Sampled: 25/08/2025
Dates Tested: 25/08/2025 - 26/08/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Clayey GRAVEL
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18647A	P25-18647B	P25-18647C
Test Number	42	43	44
Date Tested	25/08/2025	25/08/2025	25/08/2025
Time Tested	**	**	**
Test Request #/Location	E Block	E Block	E Block
Layer / Reduced Level	Layer 5	Layer 5	FSL
Thickness of Layer (mm)	300	300	300
Soil Description	Clayey GRAVEL	Clayey GRAVEL	Sandy silty CLAY
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.95	1.92	2.14
Field Moisture Content %	22.3	25.8	13.9
Field Dry Density (FDD) t/m^3	1.59	1.53	1.88
Peak Converted Wet Density t/m^3	1.92	1.91	2.18
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	22.3	25.8	13.9
Moisture Ratio % (AS1289.5.4.1)	89.0	95.5	103.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	2.5	1.0	-0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**101.5**	**100.5**	**98.0**
Compaction Method	**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: **P252163-14**
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Layer Added*
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18703
Date Sampled: 29/08/2025
Dates Tested: 29/08/2025 - 02/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye
Material: SAND
Material Source: Onsite

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Laboratory Manager

Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18703A	P25-18703B	P25-18703C
Test Number	45	46	47
Date Tested	29/08/2025	29/08/2025	29/08/2025
Time Tested	**	**	**
Test Request #/Location	Lot 407	Lot 407	Lot 408
Layer / Reduced Level	Layer 1	Layer 2	Layer 3
Thickness of Layer (mm)	250	250	250
Soil Description	SAND	SAND	SAND
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.08	1.83	2.15
Field Moisture Content %	17.6	6.6	13.2
Field Dry Density (FDD) t/m^3	1.76	1.71	1.90
Peak Converted Wet Density t/m^3	2.16	1.80	2.18
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	17.6	6.6	13.2
Moisture Ratio % (AS1289.5.4.1)	102.5	70.0	105.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-0.5	3.0	-0.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**96.0**	**101.5**	**98.5**
Compaction Method	**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: P252163-15
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Layer Added*
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18717
Date Sampled: 01/09/2025
Dates Tested: 01/09/2025 - 02/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye
Material: SAND
Material Source: Onsite

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Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	P25-18717A	P25-18717B	P25-18717C	P25-18717D
Test Number	48	49	50	51
Date Tested	01/09/2025	01/09/2025	01/09/2025	01/09/2025
Time Tested	**	**	**	**
Test Request #/Location	Lot 418 Retest of 31	Lot 417 Retest of 32	Lot 416 Retest of 33	Lot 415 Retest of 38
Layer / Reduced Level	Layer 1	Layer 3	Layer 3	Layer 2
Thickness of Layer (mm)	250	250	250	250
Soil Description	SAND	SAND	SAND	SAND
Test Depth (mm)	225	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	3	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**	**
Field Wet Density (FWD) t/m^3	1.95	2.16	2.14	2.14
Field Moisture Content %	9.0	12.1	12.4	15.7
Field Dry Density (FDD) t/m^3	1.79	1.92	1.91	1.85
Peak Converted Wet Density t/m^3	2.16	2.17	**	2.18
Adjusted Peak Converted Wet Density t/m^3	**	**	2.19	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	11.5	**
Adj. Field Moisture Content % (AS1289.5.4.1)	9.0	12.1	12.1	15.7
Moisture Ratio % (AS1289.5.4.1)	98.5	103.0	**	113.5
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	105.5	**
Moisture Variation (Wv) %	0.0	-0.5	**	-2.0
Adjusted Moisture Variation %	**	**	-0.5	**
Hilf Density Ratio (%)	**90.5**	**99.5**	**98.0**	**98.5**
Compaction Method	**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: P252163-15
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Layer Added*
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18717
Date Sampled: 01/09/2025
Dates Tested: 01/09/2025 - 02/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road, Skye
Material: SAND
Material Source: Onsite

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Laboratory Manager

Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	P25-18717E	P25-18717F	P25-18717G	
Test Number	52	53	54	
Date Tested	01/09/2025	01/09/2025	01/09/2025	
Time Tested	**	**	**	
Test Request #/Location	Lot 410	Lot 409	Lot 410	
Layer / Reduced Level	Layer 3	Layer 3	FSL	
Thickness of Layer (mm)	250	250	250	
Soil Description	Sandy CLAY	Sandy CLAY	Sandy CLAY	
Test Depth (mm)	225	225	225	
Sieve used to determine oversize (mm)	19.0	19.0	19.0	
Percentage of Wet Oversize (%)	0	0	0	
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**	
Field Wet Density (FWD) t/m^3	2.15	2.13	2.08	
Field Moisture Content %	15.7	16.3	19.0	
Field Dry Density (FDD) t/m^3	1.85	1.83	1.75	
Peak Converted Wet Density t/m^3	2.14	2.13	2.11	
Adjusted Peak Converted Wet Density t/m^3	**	**	**	
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**	
Adj. Field Moisture Content % (AS1289.5.4.1)	15.7	16.3	19.0	
Moisture Ratio % (AS1289.5.4.1)	111.5	110.0	109.5	
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**	
Moisture Variation (Wv) %	-1.5	-1.5	-1.5	
Adjusted Moisture Variation %	**	**	**	
Hilf Density Ratio (%)	**100.5**	**100.0**	**98.5**	
Compaction Method	**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: **P252163-16**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18731
Date Sampled: 02/09/2025
Dates Tested: 02/09/2025 - 03/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Sandy Clay
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager

Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18731A	P25-18731B	P25-18731C
Test Number	55	56	57
Date Tested	02/09/2025	02/09/2025	02/09/2025
Time Tested	**	**	**
Test Request #/Location	Lot 441	Lot 443	Lot 442
Layer / Reduced Level	Layer 1	Layer 2	Layer 3
Thickness of Layer (mm)	250	250	250
Soil Description	Sandy Clay	Sandy Clay	Sandy Clay
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	7	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.08	2.18	2.00
Field Moisture Content %	17.3	14.3	17.1
Field Dry Density (FDD) t/m^3	1.77	1.93	1.70
Peak Converted Wet Density t/m^3	2.06	**	2.12
Adjusted Peak Converted Wet Density t/m^3	**	2.18	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	13.4	**
Adj. Field Moisture Content % (AS1289.5.4.1)	17.3	13.3	17.1
Moisture Ratio % (AS1289.5.4.1)	107.0	**	105.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	99.0	**
Moisture Variation (Wv) %	-1.0	**	-1.0
Adjusted Moisture Variation %	**	0.0	**
Hilf Density Ratio (%)	**101.0**	**100.0**	**94.5**
Compaction Method	**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: P252163-17
Issue Number: 1
Date Issued: 10/09/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18784
Date Sampled: 05/09/2025
Dates Tested: 05/09/2025 - 08/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Clay
Material Source: Onsite

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Laboratory Manager
NATA Accredited Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18784A	P25-18784B	P25-18784C
Test Number	58	59	60
Date Tested	05/09/2025	05/09/2025	05/09/2025
Time Tested	**	**	**
Test Request #/Location	Drainage backfill	Drainage backfill	Drainage backfill
Easting	342411.8	342413.9	342415.9
Northing	5782279.0	5782267.9	5782266.6
Layer / Reduced Level	Final Layer	Final Layer	Final Layer
Thickness of Layer (mm)	250	250	250
Soil Description	CLAY	CLAY	CLAY
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.11	2.02	2.08
Field Moisture Content %	18.4	15.3	14.5
Field Dry Density (FDD) t/m^3	1.79	1.75	1.82
Peak Converted Wet Density t/m^3	2.03	2.12	2.14
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	18.4	15.3	14.5
Moisture Ratio % (AS1289.5.4.1)	101.5	103.5	100.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-0.5	-0.5	0.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**104.0**	**95.5**	**97.0**
Compaction Method	**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: **P252163-18**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18814
Date Sampled: 08/09/2025
Dates Tested: 08/09/2025 - 16/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Sandy CLAY
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18814A	P25-18814B	P25-18814C
Test Number	61	62	63
Date Tested	08/09/2025	08/09/2025	08/09/2025
Time Tested	**	**	**
Test Request #/Location	Drainage backfill	Drainage backfill	Drainage backfill
Easting	342418.3	342426.9	342362.6
Northing	5782237.2	5782237.4	5782276.8
Layer / Reduced Level	Final Layer	Final Layer	Final Layer
Thickness of Layer (mm)	250	250	250
Soil Description	Sandy Clay	Sandy Clay	Sandy Clay
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.98	1.92	2.04
Field Moisture Content %	20.1	12.5	24.5
Field Dry Density (FDD) t/m^3	1.65	1.71	1.64
Peak Converted Wet Density t/m^3	2.03	1.91	1.95
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	20.1	12.5	24.5
Moisture Ratio % (AS1289.5.4.1)	97.5	94.0	96.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.5	1.0	1.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**97.5**	**100.5**	**105.0**
Compaction Method	**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: **P252163-19**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18855
Date Sampled: 10/09/2025
Dates Tested: 10/09/2025 - 16/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Sandy Clay
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18855A	P25-18855B	P25-18855C
Test Number	64	65	66
Date Tested	10/09/2025	10/09/2025	10/09/2025
Time Tested	**	**	**
Test Request #/Location	Trench Backfill	Trench Backfill	Trench Backfill
Easting	342437.6	342425.0	342392.6
Northing	5782154.3	5782151.9	5782188.0
Layer / Reduced Level	Final Layer	Final Layer	Final Layer
Thickness of Layer (mm)	250	250	250
Soil Description	Sandy Clay	Sandy Clay	Sand
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.99	1.94	1.89
Field Moisture Content %	15.3	15.6	11.8
Field Dry Density (FDD) t/m^3	1.72	1.67	1.69
Peak Converted Wet Density t/m^3	2.15	2.10	1.94
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	15.3	15.6	11.8
Moisture Ratio % (AS1289.5.4.1)	96.0	103.0	85.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.5	-0.5	2.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**92.5**	**92.0**	**97.5**
Compaction Method	**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: P252163-20
Issue Number: 1
Date Issued: 30/09/2025
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 18878
Date Sampled: 11/09/2025
Dates Tested: 11/09/2025 - 23/09/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Rd, Skye
Material: Sand
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
NATA Accredited Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-18878A	P25-18878B	P25-18878C
Test Number	67	68	69
Date Tested	11/09/2025	11/09/2025	11/09/2025
Time Tested	**	**	**
Test Request #/Location	Drainage Backfill	Drainage Backfill	Drainage Backfill
Easting	342432.2	342435.1	342434.4
Northing	5782141.7	5782128.1	5782123.2
Layer / Reduced Level	Final Layer	Final Layer	Final Layer
Thickness of Layer (mm)	250	250	250
Soil Description	SAND	SAND	SAND
Test Depth (mm)	225	225	225
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.88	1.80	1.92
Field Moisture Content %	9.3	6.9	12.6
Field Dry Density (FDD) t/m^3	1.72	1.68	1.71
Peak Converted Wet Density t/m^3	1.98	1.83	2.03
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	9.3	6.9	12.6
Moisture Ratio % (AS1289.5.4.1)	84.5	78.0	88.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	2.0	2.0	1.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**95.0**	**98.5**	**95.0**
Compaction Method	**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: P252163-21
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Contact: Rod
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 19772
Date Sampled: 05/12/2025
Dates Tested: 05/12/2025 - 08/12/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road Stage 4B - Skye
Material: Clay
Material Source: Onsite

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Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1 & RC 330.04			
Sample Number	P25-19772A	P25-19772B	P25-19772C
Test Number	70	71	72
Date Tested	05/12/2025	05/12/2025	05/12/2025
Time Tested	15:10	15:15	15:25
Test Request #/Location	Lot 421	Lot 422	Lot 430
Layer / Reduced Level	Layer 1	Layer 2	Layer 1
Thickness of Layer (mm)	300	300	300
Soil Description	Clay	Clay	Clay
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	2.01	2.07	1.98
Field Moisture Content %	19.4	20.9	22.5
Field Dry Density (FDD) t/m^3	1.69	1.71	1.62
Peak Converted Wet Density t/m^3	2.05	2.07	1.99
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	19.4	20.9	22.5
Moisture Ratio % (AS1289.5.4.1)	100.0	100.0	99.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	0.0	0.0	0.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**98.0**	**100.0**	**99.5**
Compaction Method	**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: P252163-22
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 19808
Date Sampled: 09/12/2025
Dates Tested: 09/12/2025 - 10/12/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: Wedge Rd, Skye - Level One
Material: SAND
Material Source: Onsite

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Approved Signatory: Chris Caulfield
Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1			
Sample Number	P25-19808A	P25-19808B	P25-19808C
Test Number	7	8	9
Date Tested	09/12/2025	09/12/2025	09/12/2025
Time Tested	**	**	**
Test Request #/Location	Lot 428	Lot 433	Lot 434
Layer / Reduced Level	Final layer	Layer 2	Final layer
Thickness of Layer (mm)	300	300	300
Soil Description	Sand	Sand	Sand
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Field Wet Density (FWD) t/m^3	2.06	2.16	2.10
Field Moisture Content %	**	14.3	17.8
Field Dry Density (FDD) t/m^3	**	1.89	1.78
Peak Converted Wet Density t/m^3	2.13	2.17	2.16
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Moisture Variation (Wv) %	-1.5	-2.5	-2.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**96.5**	**99.5**	**97.0**
Compaction Method	**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: **P252163-23**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 19825
Date Sampled: 10/12/2025
Dates Tested: 10/12/2025 - 11/12/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: 250 Wedge Road Stage 4B
Material: SAND
Material Source: Onsite

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Laboratory Manager
Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-19825A	P25-19825B	P25-19825C
Test Number	78	79	80
Date Tested	11/12/2025	11/12/2025	11/12/2025
Time Tested	**	**	**
Test Request #/Location	10 Lot 418 Retest #48	11 Lot 442 Retest #57	12 Trench Backfill Retest #64
Easting	342387	342389	342380
Northing	5782293	5782298	5782302
Layer / Reduced Level	Layer 1	Layer 3	FSL
Thickness of Layer (mm)	300	300	300
Soil Description	SAND	Sandy Clay	Sandy Clay
Test Depth (mm)	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	**
Field Wet Density (FWD) t/m^3	1.91	1.91	1.87
Field Moisture Content %	15.6	9.4	9.9
Field Dry Density (FDD) t/m^3	1.65	1.75	1.70
Peak Converted Wet Density t/m^3	1.99	1.94	1.93
Adjusted Peak Converted Wet Density t/m^3	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	**
Adj. Field Moisture Content % (AS1289.5.4.1)	15.6	9.4	9.9
Moisture Ratio % (AS1289.5.4.1)	88.0	82.5	83.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	2.0	2.0	2.0
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	**96.0**	**98.5**	**96.5**
Compaction Method	**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: **P252163-24**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 19842
Date Sampled: 11/12/2025
Dates Tested: 11/12/2025 - 16/12/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: Wedge Road Stage 4
Material: SAND
Material Source: Onsite

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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-19842B		
Test Number	81		
Date Tested	11/12/2025		
Time Tested	**		
Test Request #/Location	14 Trench BAckfill Retest #65		
Layer / Reduced Level	FSL		
Thickness of Layer (mm)	300		
Soil Description	SAND		
Test Depth (mm)	275		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**		
Field Wet Density (FWD) t/m^3	2.05		
Field Moisture Content %	17.4		
Field Dry Density (FDD) t/m^3	1.74		
Peak Converted Wet Density t/m^3	2.07		
Adjusted Peak Converted Wet Density t/m^3	**		
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**		
Adj. Field Moisture Content % (AS1289.5.4.1)	17.4		
Moisture Ratio % (AS1289.5.4.1)	100.5		
Adjusted Moisture Ratio % (AS1289.5.4.1)	**		
Moisture Variation (Wv) %	0.0		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	**99.0**		
Compaction Method	**Standard**		
Remarks	**		

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC

Material Test Report

Report Number: **P252163-25**
Issue Number: 1
Date Issued: 30/01/2026
Client: Street Works Pty Ltd
45 Commercial Drive, Pakenham Vic 3810
Project Number: P252163
Project Name: 250 Wedge Road Stage 4
Project Location: Skye
Work Request: 19788
Date Sampled: 08/12/2025
Dates Tested: 08/12/2025 - 09/12/2025
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: 95%
Site Selection: Selected by Client
Location: Wedge Rd, Skye - Level One
Material: Clay
Material Source: Onsite - Stockpile

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Approved Signatory: Chris Caulfield
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Laboratory Number: 15357

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	P25-19788B	P25-19788C	
Test Number	73	74	
Date Tested	08/12/2025	08/12/2025	
Time Tested	**	**	
Test Request #/Location	Lot 431	Lot 430	
Layer / Reduced Level	Final layer	Final layer	
Thickness of Layer (mm)	300	300	
Soil Description	Clay	Clay	
Test Depth (mm)	275	275	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	0	
Percentage of Dry Oversize (%) (AS1289.5.4.1)	**	**	
Field Wet Density (FWD) t/m^3	2.18	2.03	
Field Moisture Content %	16.0	18.8	
Field Dry Density (FDD) t/m^3	1.88	1.71	
Peak Converted Wet Density t/m^3	2.20	2.14	
Adjusted Peak Converted Wet Density t/m^3	**	**	
Adj. Optimum Moisture Content % (AS1289.5.4.1)	**	**	
Adj. Field Moisture Content % (AS1289.5.4.1)	16.0	18.8	
Moisture Ratio % (AS1289.5.4.1)	112.0	114.0	
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	
Moisture Variation (Wv) %	-1.5	-2.5	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	**99.0**	**95.0**	
Compaction Method	**Standard**	**Standard**	
Remarks	**	**	

Moisture Variation Note:
Positive values = test is dry of OMC
Negative values = test is wet of OMC