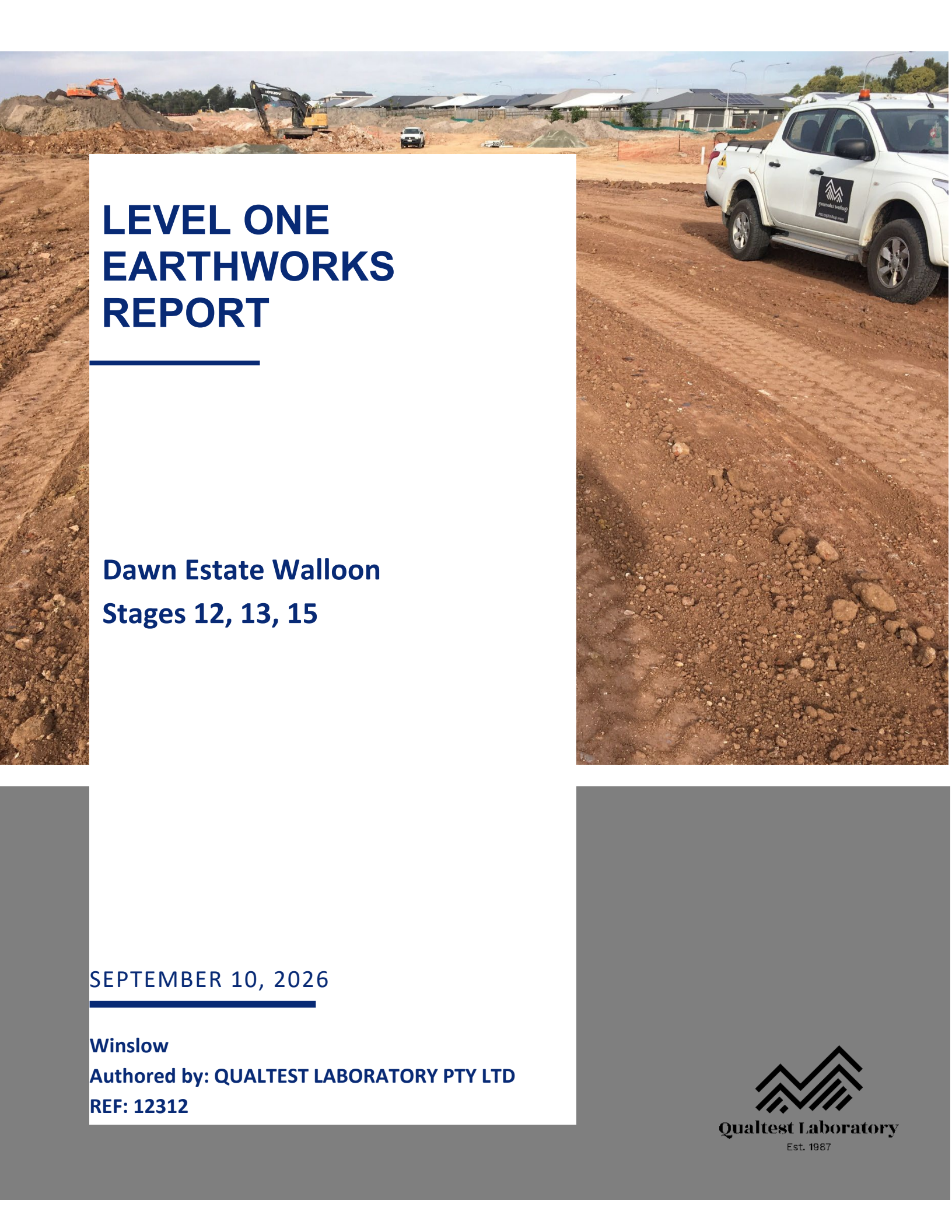




LEVEL ONE EARTHWORKS REPORT

**Dawn Estate Walloon
Stages 12, 13, 15**

SEPTEMBER 10, 2026

Winslow

Authored by: QUALTEST LABORATORY PTY LTD

REF: 12312

Our Ref: 12312
Job No: 26-230
Author: J. Fowler

10th September 2026

Winslow,
1587 Ipswich Road,
Rocklea QLD 4106.

ATTENTION: **MR KIERAN HOY**
Email: kieranh@winslow.com.au
Cc: haydnl@winslow.com.au

Dear Sir

RE: **LEVEL ONE EARTHWORKS REPORT
DAWN ESTATE 12,13,15**

PROJECT: **DAWN - STAGES 12,13,15**

CLIENT: **WINSLOW**

SUPERINTENDANT: **EGIS**

CONTRACTOR: **WINSLOW**

Revision	Date	Author	Reviewer	Description
0	10-9.2026	J. Fowler	M. Morrison	Issue

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www.qualtestgeo.com

1.0 INTRODUCTION

1.1 General

This report presents results and documentation for the Level One Inspection and Testing of earthworks filling operations at Dawn, Stage 12, 13, 15 - Walloon (The Site).

Qualtest Laboratory Pty Ltd was commissioned by CCA Winslow (The Client) to provide Level 1 Earthworks Inspection and Testing services as defined in Section 8 of AS3798.

Filling operations covered by this report were constructed between 13th May 2026 and 2nd July 2026.

The purpose of the Level 1 commission and this report is to provide an opinion that the earthwork operations carried out by the Contractor have been carried out in accordance with AS3798, relevant project specifications and Local Authority requirements as appropriate.

This report has been carried out in general accordance with the following:

- AS3798-2007 - Guidelines on Earthwork for Commercial and Residential Developments.
- AS1289 – Testing of Soils for Engineering Purposes.
- AS2870-2011 – Residential Slabs and Footings.
- Ipswich City Council Requirements; and
- Egis Drawings and Notes on Drawings.

This report does not cover underground services, pavements, retaining walls, or any other works after the 2nd of July 2026.

1.2 The Development

The development comprises a 170-lot residential subdivision and associated infrastructure, including pavements, stormwater, water, communications, power and sewer.

The earthworks at this site generally comprised:

- Stage 12 Filling Lots and part of Lots 1201 - 1245
- Stage 13 Filling Lots and part of Lots 1302 - 1347
- *Stage 15* Filling Lots and part of Lots 1501 - 1512

Egis Earthworks Plan Drawing no.104 Rev. A, Project Number 25,1006501, indicates the approximate extent of earthworks filling to be constructed at The Site. This plan is considered to be a reasonable indication of the actual extent of the fill constructed during our involvement.

The approximate extent of earthworks covered by this report is presented as a marked-up Egis Earthworks Site Plan attached and as *Figure 1*.

A Lot Disclosure Plan should be requested from the developer to confirm the actual depth of fill at the site.

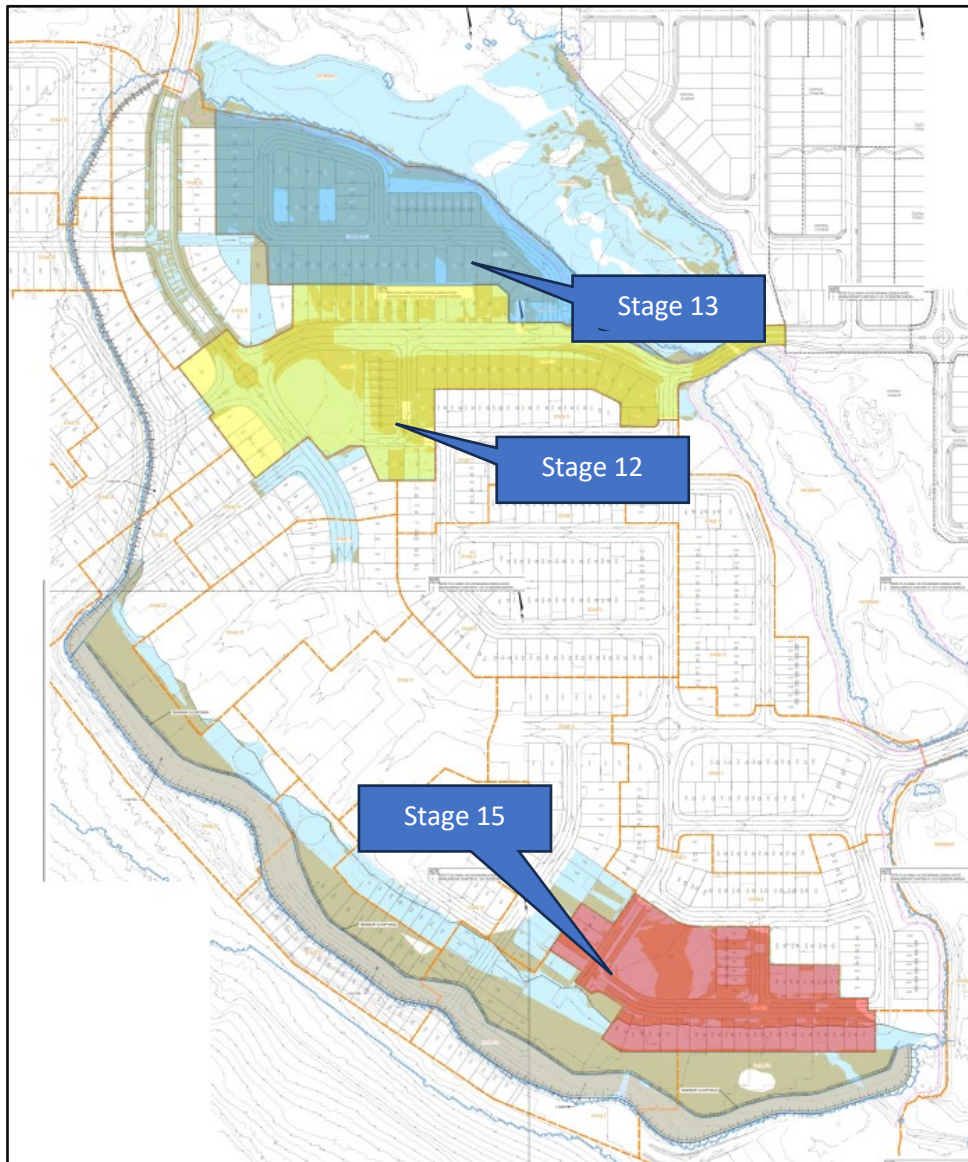


Figure 1: Extent of Fill Covered by This Report – Coloured Shade

2.0 WORKS AND SPECIFICATIONS

All filling operations at the site were placed and compacted in accordance with the following:

- AS3798 – Type 2 Earthworks Operations;
- Ipswich City Council Specifications;
- Notes on Calibre Drawings; and
- Density Ratio – 95% Standard.

3.0 FILL FOUNDATION

Areas to be filled at the site were observed to be stripped of grass and topsoil to depths exposing competent natural ground.

The stripped surface was inspected by Qualtest personnel and found suitable for commencement of earthworks and included: -.

- Adequate removal of topsoil and organics; and
- Compliant proof roll testing of the stripped surface using onsite heavy earthworks plant.

A picture of the stripped surface prior to the placement of fill is presented below as *Figure 2*.



Figure 2: View of the Stripped Surface

4.0 FILLING OPERATIONS

Fill at the site was sourced from cuts onsite.

Materials used as fill can be broadly summarised as:

- Silty Clay (CH): high plasticity, grey-brown, and moist,

Fill was constructed using the following plant:

- | | |
|-----------------------------|-------------------|
| • Pad Foot Compactor | • Cat D8-6 Dozer |
| • Articulated Trucks (Moxy) | • Body Trucks |
| • Excavators | • Cat 815 and 825 |

Fill was observed to be placed in layers within the capacity of the above plants and compacted using several passes (at least 10 passes).

To the extent that was reasonably practicable, fill materials visibly containing excessive amounts of silts or deleterious materials such as sticks, oversize particles were sorted to remove the contaminants prior to placement or rejected for use.

Some cobble-sized particles may remain in the body of the fill; however, are unlikely to be in sufficient quantities to adversely affect the performance of the new fill. Sloping areas requiring filling were benched and continually keyed into the slope prior to and during fill placement.

Pictures of the filling operations are presented below as *Figure 3*.



Figure 3: View of the Filling Operations

5.0 COMPACTION TESTING

Compaction testing was carried out on the compacted fill materials in accordance with *Table 5.1* and 8.1 of AS3798 2007 and tested to AS1289 test methods. All test locations were selected by Qualtest at random and staggered over the fill area and depth. Test locations were not obtained by survey, and on this basis, the locations should be considered as approximate only.

Compaction testing achieved the minimum required compaction specification of 95% Standard at the test locations. Areas where the compaction specification was not achieved, were reworked and re-tested using random stratified location processes.

The location of the compaction tests and area of fill covered under this report are shown on the Site Plan contained in *Appendix A*.

Compaction test reports are contained in *Appendix B*.

6.0 STATEMENT OF COMPLIANCE

Our representatives observed the relevant earthworks operations during our engagement, including the stripped surface, new fill placement / compaction operations, and compaction testing.

Compaction testing was undertaken in accordance with the minimum frequencies specified by AS3798 and all non-conforming areas identified during construction were reworked and retested prior to acceptance.

Based on our observations, testing and involvement during construction, the earthworks covered by this report have been carried out generally in accordance with AS3798-2007, the project specifications and the requirements stated herein.

The fill at The Site can be described as "Controlled" as defined in AS2870.

This certification applies only to the areas identified on the attached plans and only to the earthworks undertaken during Qualtest's period of engagement."

7.0 EXCLUSIONS

The compliance statement specifically excludes any topsoil, which may be placed for use as Lot dressing or any other subsequent earthworks after 2nd July 2026. All trench backfill, landscaping fill and other fill placed without our knowledge is also excluded.

Assessments of batter stability, global stability, and material quality, such as soaked CBR and site classifications, are excluded from this commission. The stability of any fill batters in the long term must take account of the variable materials used for the construction of the fill platforms and all surface loads, including traffic loads near the crest of all batters.

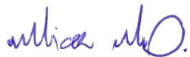
Our onsite attendance specifically excludes assessments of fill material quality and engineering properties that are outside the requirements of AS.3798 - 2007, including soil or fill reactivity and soaked CBR values. We note that the fill materials comprise clay soils, which may result in unfavourable site classifications for individual lots and low subgrade design strengths for pavements.

Footings and ground slabs for any structures constructed over natural soils or controlled fill should be designed to accommodate the characteristic ground surface movements and settlement potential. Assessments of these design parameters are beyond the scope of this report.

Controlled fill (Level 1 Fill) provides an overview that the Earthwork Specification has been met. There are instances where significant long-term settlements of controlled fill can occur. Large total and differential settlements can be expected where fill has been placed over soft and compressible soils and where the thickness of controlled fill varies significantly across a lot.

Should you require further information regarding the above, please do not hesitate to contact this office.

Yours faithfully,



MICHAEL MORRISON
For and on behalf of
QUALTEST LABORATORY PTY LTD.



DENNIS ALAZIGHA, RPEQ 22169

Appendix A - The Location of Compaction Tests and Area of Fill Covered.

Appendix B - Compaction Test Reports

APPENDIX A

The Location of Compaction Tests

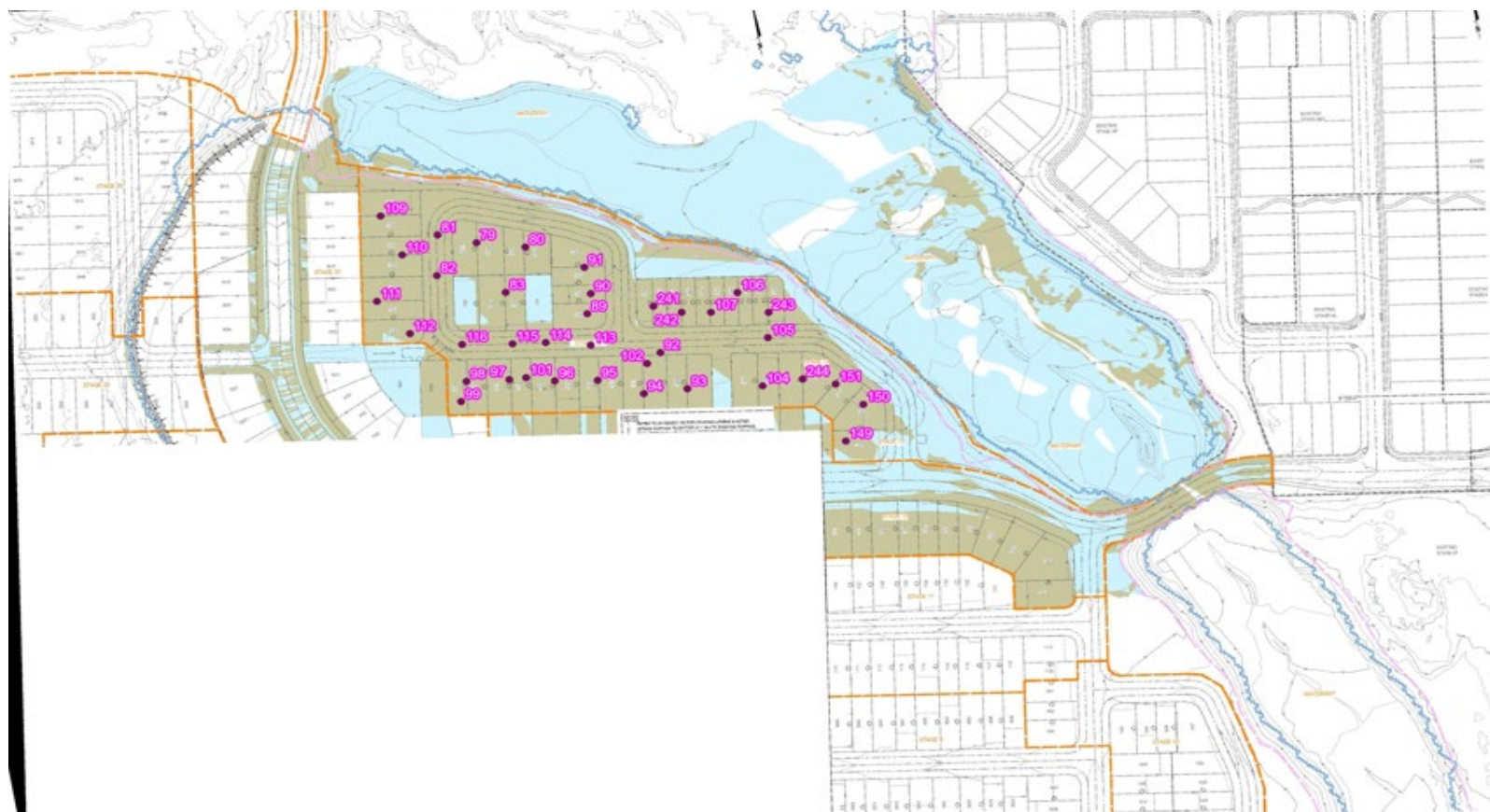


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Est. 1987



LEGEND:

Test Locations



CLIENT: Winslow

TITLE: Compaction Test Locations

DRAWING NO: 26-230-01

DATE: 10th Septembet 2026

LOCATION: Dawn Western Precinct_Phase 3

PROJECT NO: 26-230

CHECKED BY: GG



Qualtest Laboratory

Est. 1987



LEGEND:

Test Locations



CLIENT: Winslow

TITLE: Compaction Test Locations

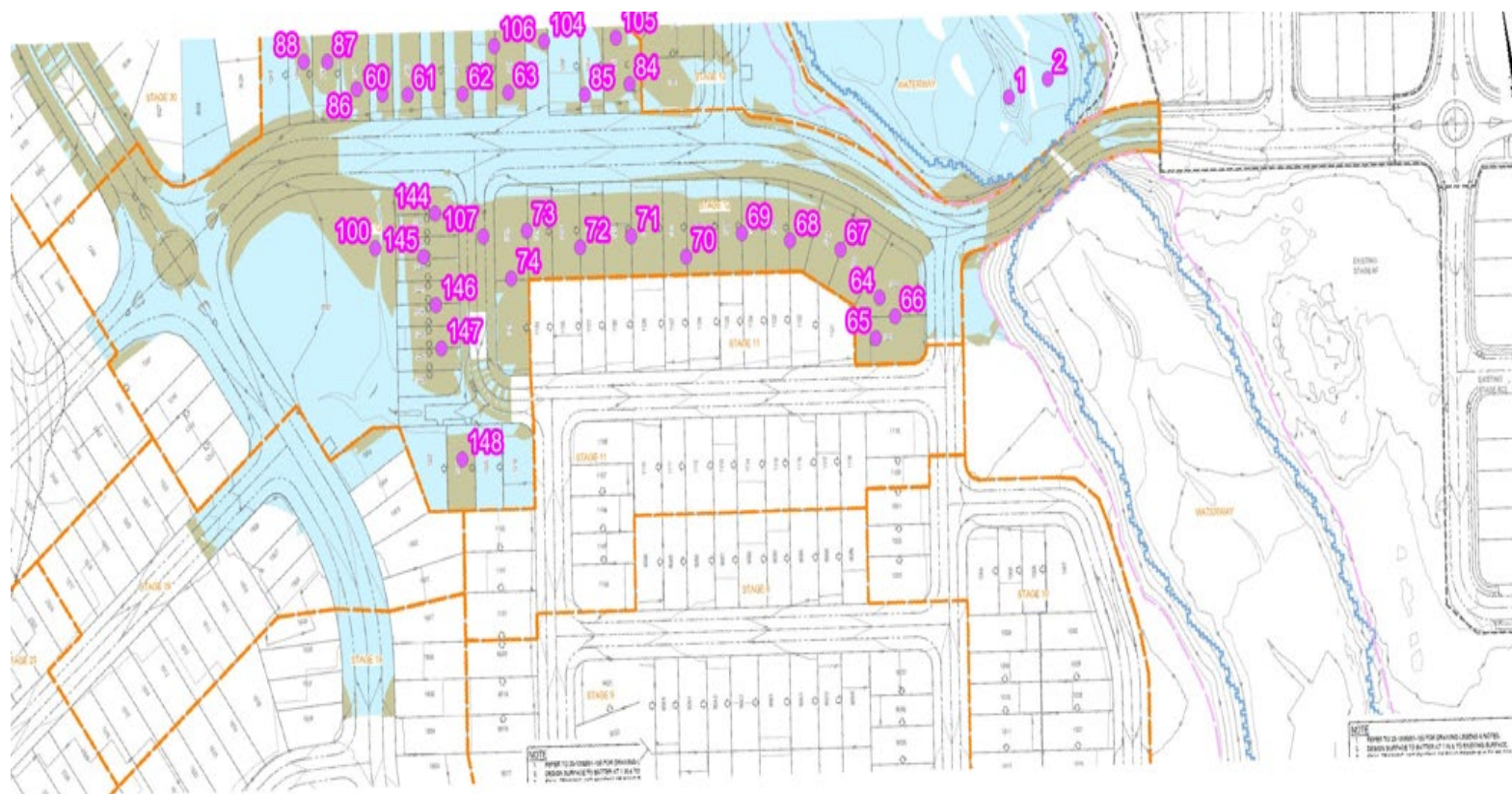
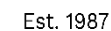
DRAWING NO: 26-230-02

DATE: 10th Septembet 2026

LOCATION: Dawn Western Precinct_Phase 3

PROJECT NO: 26-230

CHECKED BY: GG



CHECKED BY: GG



APPENDIX B

Compaction Test Reports

Material Test Report

Report Number: 26-230-1
Issue Number: 1
Date Issued: 25/05/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22256
Date Sampled: 13/05/2026
Dates Tested: 13/05/2026 - 21/05/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Walloon (Temp Access)
Material: General Fill
Material Source: Onsite



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Phone: 0417 011 515
Email: rhys@qualtestgeo.com



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Rhys Mitchell
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	S22256A	S22256B	
Test Number	1	2	
Date Tested	13/05/2026	13/05/2026	
Time Tested	10:40	10:50	
Test Request #/Location	General Fill	General Fill	
Easting	465477	465495	
Northing	6947152	6947155	
Layer / Reduced Level	1m Below FL	0.5m Below FL	
Thickness of Layer (mm)	175	175	
Soil Description	Sandy CLAY	Sandy CLAY	
Test Depth (mm)	150	150	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	0	
Field Wet Density (FWD) (t/m ³)	2.15	2.17	
Field Moisture Content (%)	17.3	17.8	
Field Dry Density (FDD) (t/m ³)	1.83	1.84	
Peak Converted Wet Density (t/m ³)	2.17	2.17	
Adjusted Peak Converted Wet Density (t/m ³)	**	**	
Moisture Variation (Wv) (%)	-0.5	-1.5	
Adjusted Moisture Variation (%)	**	**	
Hilf Density Ratio (%)	99.0	100.0	
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: 26-230-2
Issue Number: 1
Date Issued: 25/05/2026
Client: WINSLOW
 BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22314
Date Sampled: 21/05/2026
Dates Tested: 22/05/2026 - 22/05/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3 Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
 Field Technician

Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22314A	S22314B	S22314C	S22314D
Test Number	9	10	11	12
Date Tested	22/05/2026	22/05/2026	22/05/2026	22/05/2026
Time Tested	10:00	10:05	10:10	10:15
Test Request #/Location	General Fill	General Fill	General Fill	General Fill
Line / Offset	465343	465361	465383	465359
Offset	6946628	6946620	6946606	6946649
Elevation (m)	42.15	42.0	42.12	42.15
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.04	2.06	2.04	2.08
Field Moisture Content (%)	22.7	23.3	22.0	26.3
Field Dry Density (FDD) (t/m ³)	1.66	1.67	1.67	1.64
Peak Converted Wet Density (t/m ³)	2.04	2.03	2.06	2.03
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	-5.0	-2.0	-1.5	-5.0
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	100.0	101.5	99.0	102.0
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: 26-230-2
Issue Number: 1
Date Issued: 25/05/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE
PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22314
Date Sampled: 21/05/2026
Dates Tested: 22/05/2026 - 22/05/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3 Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22314E	S22314F	S22314G	S22314H
Test Number	13	14	15	16
Date Tested	22/05/2026	22/05/2026	22/05/2026	22/05/2026
Time Tested	13:00	13:05	13:10	13:15
Test Request #/Location	General Fill	General Fill	General Fill	General Fill
Line / Offset	465377	465379	465377	465369
Offset	6946635	6946619	6946635	6946652
Elevation (m)	42.23	42.25	42.27	42.26
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.04	2.04	2.00	1.95
Field Moisture Content (%)	21.4	21.0	23.1	22.4
Field Dry Density (FDD) (t/m ³)	1.68	1.69	1.63	1.60
Peak Converted Wet Density (t/m ³)	1.98	2.03	1.99	2.00
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.0	-0.5	0.0	-1.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	103.0	100.5	100.5	98.0
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: 26-230-9
Issue Number: 1
Date Issued: 19/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22658
Date Sampled: 16/06/2026
Dates Tested: 16/06/2026 - 18/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 12, 23, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
Field Technician

Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	S22658A	S22658B	S22658C	S22658D	S22658E	S22658F
Test Number	60	61	62	63	64	65
Date Tested	16/06/2026	16/06/2026	16/06/2026	16/06/2026	16/06/2026	16/06/2026
Time Tested	10:00	10:05	10:10	13:00	13:05	13:10
Test Request #/Location	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12
Easting	465204	465215	465239	465259	465409	465405
Northing	6947201	6947199	6947195	6947192	6947096	6947083
Elevation (m)	47.5	47.4	50.0	49.9	48.7	48.8
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY	Silty 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 (%)	0	0	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.95	1.94	1.97	2.06	2.03	2.01
Field Moisture Content (%)	28.4	30.9	27.9	23.7	18.9	20.6
Field Dry Density (FDD) (t/m ³)	1.52	1.48	1.54	1.67	1.71	1.67
Peak Converted Wet Density (t/m ³)	1.95	1.99	1.97	2.01	2.07	1.92
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**	**	**
Moisture Variation (Wv) (%)	-2.0	1.0	-3.0	0.0	-1.5	2.5
Adjusted Moisture Variation (%)	**	**	**	**	**	**
Hilf Density Ratio (%)	100.0	97.5	100.0	103.0	98.0	105.0
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

Material Test Report

Report Number: 26-230-10
Issue Number: 1
Date Issued: 22/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22679
Date Sampled: 17/06/2026
Dates Tested: 17/06/2026 - 18/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 12,13, Q100 Walloon
Material: General Fill
Material Source: Onsite



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Email: greg@qualtestgeo.com

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Greg Gibson
ql-greg
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	S22679A	S22679B	S22679C	S22679D	S22679E	S22679F
Test Number	66	67	68	69	70	71
Date Tested	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026
Time Tested	6:40	6:45	6:50	6:55	7:00	7:05
Test Request #/Location	General Fill Stage12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12
Easting	465414	465394	465373	465352	465327	465304
Northing	6947088	6947114	6947121	6947127	6947124	6947135
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	Finish Level	Finish Level	Finish Level
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy 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 (%)	0	0	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.94	1.94	1.92	1.96	1.94	1.99
Field Moisture Content (%)	13.0	13.4	14.9	13.5	13.9	13.3
Field Dry Density (FDD) (t/m ³)	1.72	1.71	1.67	1.72	1.70	1.75
Peak Converted Wet Density (t/m ³)	1.92	1.92	1.91	1.97	1.96	1.94
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**	**	**
Moisture Variation (Wv) (%)	2.5	2.5	2.0	0.5	0.0	0.5
Adjusted Moisture Variation (%)	**	**	**	**	**	**
Hilf Density Ratio (%)	101.5	101.0	101.0	99.5	99.5	102.5
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: 26-230-10
Issue Number: 1
Date Issued: 22/06/2026
Client: WINSLOW
 BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22679
Date Sampled: 17/06/2026
Dates Tested: 17/06/2026 - 18/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 12,13, Q100 Walloon
Material: General Fill
Material Source: Onsite



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 Email: greg@qualtestgeo.com



Accredited for compliance with ISO/IEC 17025 - Testing

Approved Signatory: Greg Gibson
 ql-greg
 Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	S22679G	S22679H	S22679I	S22679J	S22679K	S22679L
Test Number	72	73	74	75	76	77
Date Tested	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026
Time Tested	7:10	7:15	7:20	10:00	10:05	10:15
Test Request #/Location	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Q100	General Fill Q100	General Fill Q100
Easting	465281	465259	465249	465079	465074	465074
Northing	6947135	6947145	6947130	6946716	6946731	6946741
Elevation (m)	**	**	**	RL: 47.9	RL: 47.7	RL: 48.0
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	**	**	**
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy 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 (%)	0	0	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.94	1.95	1.84	1.86	1.83	1.92
Field Moisture Content (%)	13.0	13.3	22.4	22.2	22.0	13.9
Field Dry Density (FDD) (t/m ³)	1.72	1.72	1.50	1.52	1.50	1.69
Peak Converted Wet Density (t/m ³)	1.96	1.96	1.86	1.90	1.87	1.96
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**	**	**
Moisture Variation (Wv) (%)	0.5	0.5	0.5	0.0	0.5	0.5
Adjusted Moisture Variation (%)	**	**	**	**	**	**
Hilf Density Ratio (%)	99.5	99.5	99.0	98.0	98.0	98.0
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

Material Test Report

Report Number: 26-230-10
Issue Number: 1
Date Issued: 22/06/2026
Client: WINSLOW
 BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22679
Date Sampled: 17/06/2026
Dates Tested: 17/06/2026 - 18/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 12,13, Q100 Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Greg Gibson
 ql-greg
 Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	S22679M	S22679N	S22679O	S22679P	S22679Q	S22679R
Test Number	78	79	80	81	82	83
Date Tested	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026	17/06/2026
Time Tested	10:20	13:00	13:05	13:10	13:15	13:20
Test Request #/Location	General Fill Q100	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465067	465157	465188	465132	465128	465161
Northing	6946736	6947331	6947325	6947340	6947317	6947301
Elevation (m)	RL: 48.1	RL: 53.0	RL: 53.1	RL: 53.1	RL: 52.8	RL: 52.9
Thickness of Layer (mm)	200	200	200	200	200	200
Soil Description	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy CLAY	Silty CLAY & Sandy 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 (%)	0	0	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.97	1.96	1.95	1.96	1.98	1.97
Field Moisture Content (%)	13.4	12.9	13.6	12.6	13.0	13.1
Field Dry Density (FDD) (t/m ³)	1.74	1.74	1.71	1.74	1.75	1.74
Peak Converted Wet Density (t/m ³)	1.96	2.05	1.94	1.96	2.05	1.97
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**	**	**
Moisture Variation (Wv) (%)	0.5	0.5	0.5	0.5	0.5	0.5
Adjusted Moisture Variation (%)	**	**	**	**	**	**
Hilf Density Ratio (%)	100.5	95.5	100.0	100.0	96.5	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

Material Test Report

Report Number: 26-230-11
Issue Number: 1
Date Issued: 24/06/2026
Client: WINSLOW
 BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22717
Date Sampled: 18/06/2026
Dates Tested: 18/06/2026 - 22/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stages 12, 13 ,Walloon
Material: General Fill
Material Source: Onsite



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Josh Fowler

Approved Signatory: Josh Fowler
 Field Technician
 Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22717A	S22717B	S22717C	S22717D
Test Number	84	85	86	87
Date Tested	18/06/2026	18/06/2026	18/06/2026	18/06/2026
Time Tested	10:00	10:05	10:10	10:15
Test Request #/Location	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12	General Fill Stage 12
Easting	465309	465292	465193	465181
Northing	6947187	6947185	6947204	6947215
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	Finish Level
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.00	1.99	2.03	1.95
Field Moisture Content (%)	18.2	18.1	17.6	18.3
Field Dry Density (FDD) (t/m ³)	1.70	1.69	1.72	1.65
Peak Converted Wet Density (t/m ³)	1.96	1.94	1.95	1.96
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	2.5	1.0	2.5	2.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	102.5	103.0	104.0	99.5
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: 26-230-11
Issue Number: 1
Date Issued: 24/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22717
Date Sampled: 18/06/2026
Dates Tested: 18/06/2026 - 22/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stages 12, 13 ,Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Josh Fowler
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22717E	S22717F	S22717G	S22717H
Test Number	88	89	90	91
Date Tested	18/06/2026	18/06/2026	18/06/2026	18/06/2026
Time Tested	13:00	13:05	13:10	13:15
Test Request #/Location	General Fill Stage 12	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465171	465202	465205	465206
Northing	6947217	6947281	6947292	6947304
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	Finish Level
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.98	2.00	1.96	1.97
Field Moisture Content (%)	18.4	19.7	21.4	20.2
Field Dry Density (FDD) (t/m ³)	1.68	1.67	1.61	1.64
Peak Converted Wet Density (t/m ³)	1.95	1.92	2.00	2.00
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.5	1.5	0.0	0.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	102.0	104.0	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: 26-230-12
Issue Number: 1
Date Issued: 25/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22782
Date Sampled: 22/06/2026
Dates Tested: 22/06/2026 - 24/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Western Precinct - Phase 3
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
Field Technician

Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	S22782A	S22782B	S22782C	S22782D	S22782E
Test Number	104	105	106	107	108
Date Tested	22/06/2026	22/06/2026	22/06/2026	22/06/2026	22/06/2026
Time Tested	10:00	10:07	10:15	10:22	10:30
Test Request #/Location	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Q100
Easting	465285.548	465293.099	465283.955	465267.151	465192.316
Northing	6947224.783	6947251.751	6947279.824	6947271.594	6946625.952
Elevation (m)	50.271	50.287	51.311	51.352	45.758
Thickness of Layer (mm)	175	175	175	175	175
Soil Description	Clay, Brown	Clay, Brown	Clay, Brown	Clay, Brown	Clay, Brown
Test Depth (mm)	150	150	150	150	150
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
Field Wet Density (FWD) (t/m ³)	1.98	1.91	1.93	1.93	1.99
Field Moisture Content (%)	19.6	20.4	19.7	19.8	19.8
Field Dry Density (FDD) (t/m ³)	1.66	1.59	1.61	1.61	1.66
Peak Converted Wet Density (t/m ³)	1.99	1.97	1.99	2.00	1.99
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**	**
Moisture Variation (Wv) (%)	-0.5	0.0	0.5	0.5	0.0
Adjusted Moisture Variation (%)	**	**	**	**	**
Hilf Density Ratio (%)	100.0	97.0	97.0	96.5	100.0
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

Material Test Report

Report Number: 26-230-14
Issue Number: 1
Date Issued: 25/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE
PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22773
Date Sampled: 20/06/2026
Dates Tested: 20/06/2026 - 24/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by Client
Location: Dawn Phase 3, Stages 12, 13.
Material: General Fill
Material Source: Onsite



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Approved Signatory: Greg Gibson
ql-greg
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22773A	S22773B	S22773C	S22773D
Test Number	100	101	102	103
Date Tested	20/06/2026	20/06/2026	20/06/2026	20/06/2026
Time Tested	10:11	10:17	10:24	10:32
Test Request #/Location	Stage 12/13 - Lot 1230	Stage 12/13 - Lot 1316	Stage 12/13 - Lot 1311	Q100 Bund
Easting	465192	465164	465228	465165.138
Northing	6947151	6947251	6947248	6946653.622
Elevation (m)	49.8	52.0	51.6	46.37
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY, Dark Brown	Silty CLAY, Dark Brown	Silty CLAY, Dark Brown	Silty CLAY, Dark Brown
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.94	1.97	2.03	1.98
Field Moisture Content (%)	15.6	18.5	16.3	21.0
Field Dry Density (FDD) (t/m ³)	1.68	1.66	1.75	1.63
Peak Converted Wet Density (t/m ³)	1.98	1.99	1.97	1.97
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.5	1.5	3.0	0.0
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	98.0	99.0	103.5	100.0
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: 26-230-15
Issue Number: 1
Date Issued: 25/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22803
Date Sampled: 23/06/2026
Dates Tested: 23/06/2026 - 24/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase , Stage 13, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Greg Gibson
ql-greg

Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22803A	S22803B	S22803C	S22803D
Test Number	109	110	111	112
Date Tested	23/06/2026	23/06/2026	23/06/2026	23/06/2026
Time Tested	6:50	6:55	7:00	7:05
Test Request #/Location	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465104	465112	465094	465108
Northing	6947356	6947332	6947308	6947286
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	Finish Level
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.93	2.00	2.01	1.96
Field Moisture Content (%)	16.2	15.8	16.8	17.0
Field Dry Density (FDD) (t/m ³)	1.66	1.73	1.72	1.68
Peak Converted Wet Density (t/m ³)	1.99	2.02	2.04	2.02
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	1.5	1.5	2.0	2.0
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	97.0	99.0	98.5	97.0
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: 26-230-16
Issue Number: 1
Date Issued: 25/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22758
Date Sampled: 19/06/2026
Dates Tested: 19/06/2026 - 24/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 13, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22758A	S22758B	S22758C	S22758D
Test Number	92	93	94	95
Date Tested	19/06/2026	19/06/2026	19/06/2026	19/06/2026
Time Tested	10:00	10:05	10:10	10:15
Test Request #/Location	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465236	465246	465223	465200
Northing	6947253	6947229	6947231	6947243
Elevation (m)	50.9	50.9	50.8	50.9
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.98	1.99	2.01	1.94
Field Moisture Content (%)	14.2	15.1	16.2	16.4
Field Dry Density (FDD) (t/m ³)	1.73	1.73	1.73	1.67
Peak Converted Wet Density (t/m ³)	1.95	1.88	1.98	1.93
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	5.0	5.0	3.5	4.0
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	101.5	106.0	101.5	101.0
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: 26-230-16
Issue Number: 1
Date Issued: 25/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22758
Date Sampled: 19/06/2026
Dates Tested: 19/06/2026 - 24/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase 3, Stage 13, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Rhys Mitchell
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22758E	S22758F	S22758G	S22758H
Test Number	96	97	98	99
Date Tested	19/06/2026	19/06/2026	19/06/2026	19/06/2026
Time Tested	10:20	10:25	10:30	10:35
Test Request #/Location	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465178	465155	465132	465127
Northing	6947246	6947251	6947254	6947243
Elevation (m)	51.0	51.0	51.1	51.1
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	1.93	2.02	1.95	2.03
Field Moisture Content (%)	18.6	18.9	20.7	21.3
Field Dry Density (FDD) (t/m ³)	1.63	1.70	1.62	1.68
Peak Converted Wet Density (t/m ³)	1.99	2.03	2.02	2.07
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.5	-0.5	-0.5	-2.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	97.0	99.5	97.0	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: 26-230-17
Issue Number: 1
Date Issued: 26/06/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE
PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22845
Date Sampled: 24/06/2026
Dates Tested: 24/06/2026 - 25/06/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Stage Phase 3, Stage 13, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Greg Gibson
ql-greg
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S22845A	S22845B	S22845C	S22845D
Test Number	113	114	115	116
Date Tested	24/06/2026	24/06/2026	24/06/2026	24/06/2026
Time Tested	13:00	13:05	13:10	13:15
Test Request #/Location	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13	General Fill Stage 13
Easting	465200	465177	465160	465134
Northing	6947263	6947269	6947271	6947275
Layer / Reduced Level	51.8	51.9	Finish Level	Finish Level
Thickness of Layer (mm)	200	200	200	200
Soil Description	Sandy CLAY	Sandy CLAY	Sandy CLAY	Sandy CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.05	2.07	2.05	2.06
Field Moisture Content (%)	19.5	19.4	20.1	19.9
Field Dry Density (FDD) (t/m ³)	1.72	1.73	1.71	1.72
Peak Converted Wet Density (t/m ³)	2.01	2.05	2.11	2.06
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.5	0.5	0.5	0.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	102.0	101.0	97.0	100.0
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: 26-230-21
Issue Number: 1
Date Issued: 07/07/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE
PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 22888
Date Sampled: 27/06/2026
Dates Tested: 26/06/2026 - 02/07/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Bulk Earthworks Q100 Bund/STG 15 - Dawn Western Precinct Phase 3
Material: Allotment Fill/General Fill
Material Source: Onsite



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Approved Signatory: Greg Gibson
ql-greg
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	S22888A	S22888B	S22888C	S22888D
Test Number	124	125	126	127
Date Tested	26/06/2026	26/06/2026	26/06/2026	26/06/2026
Time Tested	13:04	13:11	13:19	13:26
Test Request #/Location	General Fill - Q100 Bund	General Fill - Q100 Bund	General Fill - Q100 Bund	General Fill - Q100 Bund
Easting	465075	465065	465059	465053
Northing	6946707	6946718	6946729	6946751
Layer / Reduced Level	1.4m Below FSL	1.4m Below FSL	1.4m Below FSL	1.4m Below FSL
Thickness of Layer (mm)	175	175	175	175
Soil Description	Sandy CLAY	Sandy CLAY	Sandy CLAY	Sandy CLAY
Test Depth (mm)	150	150	150	150
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.17	2.18	2.10	2.09
Field Moisture Content (%)	14.2	13.2	14.8	14.6
Field Dry Density (FDD) (t/m ³)	1.90	1.93	1.83	1.82
Peak Converted Wet Density (t/m ³)	2.06	2.05	2.10	2.13
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	1.0	1.0	1.0	1.0
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	105.0	106.0	99.5	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: 26-230-23
Issue Number: 1
Date Issued: 13/07/2026
Client: WINSLOW
BUILDING 4, G1, 107 MILES PLATTING RD, EIGHT MILE
PLAINS QLD 4113
Contact: HAYDN LANE
Project Number: 26-230
Project Name: BULK EARTHWORKS
Project Location: DAWN WESTERN PRECINCT - PHASE 3
Client Reference: 75205
Work Request: 23023
Date Sampled: 02/07/2026
Dates Tested: 02/07/2026 - 10/07/2026
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Preparation Method: AS 1289.1.1 - Sampling and Preparation of Soils
Specification: 95% Standard
Site Selection: Selected by GTA
Location: Dawn Phase3, Stage 15, Walloon
Material: General Fill
Material Source: Onsite



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Approved Signatory: Josh Fowler
Field Technician
Laboratory Number: 2316

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	S23023A	S23023B	S23023C	S23023D
Test Number	152	153	154	155
Date Tested	02/07/2026	02/07/2026	02/07/2026	02/07/2026
Time Tested	13:00	13:05	13:10	13:15
Test Request #/Location	General Fill Stage 15	General Fill Stage 15	General Fill Q100	General Fill Q100
Easting	465409	465408	465220	465214
Northing	6946596	6946594	6946609	6946636
Elevation (m)	**	**	44.8	44.6
Layer / Reduced Level	Finish Level	Finish Level	**	**
Thickness of Layer (mm)	200	200	200	200
Soil Description	Silty CLAY	Silty CLAY	Silty CLAY	Silty CLAY
Test Depth (mm)	175	175	175	175
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	0	0	0	0
Field Wet Density (FWD) (t/m ³)	2.02	1.99	1.94	1.96
Field Moisture Content (%)	20.8	23.4	24.1	23.2
Field Dry Density (FDD) (t/m ³)	1.67	1.61	1.57	1.59
Peak Converted Wet Density (t/m ³)	2.01	1.96	2.01	2.00
Adjusted Peak Converted Wet Density (t/m ³)	**	**	**	**
Moisture Variation (Wv) (%)	0.0	0.5	0.5	0.5
Adjusted Moisture Variation (%)	**	**	**	**
Hilf Density Ratio (%)	100.5	101.5	96.5	98.0
Compaction Method	Standard	Standard	Standard	Standard
Remarks	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC