

A LEVEL 1 REPORT

ON THE FILLING

AT

HONOUR VILLAGE ESTATE

STAGE 4

CLYDE NORTH

2210348-96

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APPENDIX A

TEST REPORTS & PLANS

REPORT No : 2210348-96

CLIENT : Todd Hyland
Senior Development Manager
todd.hyland@frasersproperty.com.au
c/- Australand Residential No 156 Pty Ltd
PO Box 3307
Rhodes NSW 2138

AUTHORIZED BY : Mr Todd Hyland

PROJECT LOCATION : Honour Village Estate – Stage 4, CLYDE NORTH

COMMISSION : Carry out all appropriate inspections and testing at the site to ensure that the fill is placed in accordance with the project specifications. At the end of the works, compile a report – LEVEL ONE TYPE REPORT AS PER SECTION 8 OF AS3798 – setting out the findings of all inspections, instructions issued and test results, including any failure results and what action was taken to rectify any failure.

1. SITE DESCRIPTION:

Stripping and placement of compacted fill in Stage 4.

2. PREVIOUS GEOTECHNICAL INVESTIGATIONS ON THE SITE:

Not Supplied

3. DOCUMENTS SUPPLIED:

Reeds Consulting - Site Plan - Ref: 22344P, Version N

4. SITE PREPARATION REQUIREMENTS:

4.1 Site Stripping Requirements

Fill area to be stripped of vegetation and topsoil prior to filling.

4.2 Subgrade Assessment Requirements

Any soft, weak or unstable areas of subgrade exposed to be removed.

5. REQUIREMENTS FOR THE PLACEMENT OF COMPACTED EARTH FILL:

5.1 Layer Thickness

Fill shall be placed in 300mm compacted layers.

5.2 Density Requirements

95% Standard compaction

5.3 Moisture Content Requirements

No moisture requirements specified.

5.4 Type of Tests Required

Compaction (AS1289 5.7.1 & 2.1.1)

5.5 Number of Test Required

Compaction: Minimum of 1 test per 500m³.

6. THE PERIOD OVER WHICH THE WORK WAS CARRIED OUT

Inspections and testing of the project was carried out between 29/10/2019 to 02/12/2021.

7. EQUIPMENT USED:

Excavator
Pad Foot Roller
Compactor
Dump Truck
Water Cart

8. EARTHWORKS SUMMARY:

8.1 Description of Earthworks Undertaken

Fill area was backfilled and compacted with onsite Pad Foot Roller or Compactor in 300mm layers.

8.2 Observation of Stripping and Site Preparation

Fill areas observed were excavated to the naturally occurring silty CLAY prior to the placement of fill.

8.3 Observation of Fill Materials

The fill material was a site derived silty CLAY

8.4 Tests Carried Out

A total of 21 compaction tests (Hilf Rapid Method) were undertaken on the compacted earth fill of which no test failed to achieve the specified compaction requirements.

8.5 Results of Testing

The compaction results show that compacted fill was placed and compacted at a density between 97.0% and 106.5% of AS1289 5.7.1 Standard Compaction.

9. CONCLUSION:

Civiltest carried out supervision, inspections and testing on this project in a manner that would allow this level one type report to be completed as set out in Section 8 of AS3798 "Guidelines on earthworks for commercial and residential developments".

With the observations made during the works and the results of tests carried out, it has been concluded, as far as can be determined, that the contractor Bayport Civil Pty Ltd has met the requirements of the project.



Phil Morgans
CIVILTEST PTY LTD

15 June 2022

REF: PM/ik

APPENDIX A

TEST REPORTS & PLAN

Material Test Report

Report Number: 1190228-114
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 01/11/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4589
Date Sampled: 29/10/2019 7:30
Dates Tested: 29/10/2019 - 30/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

Accredited for compliance with ISO/IEC 17025 - Testing



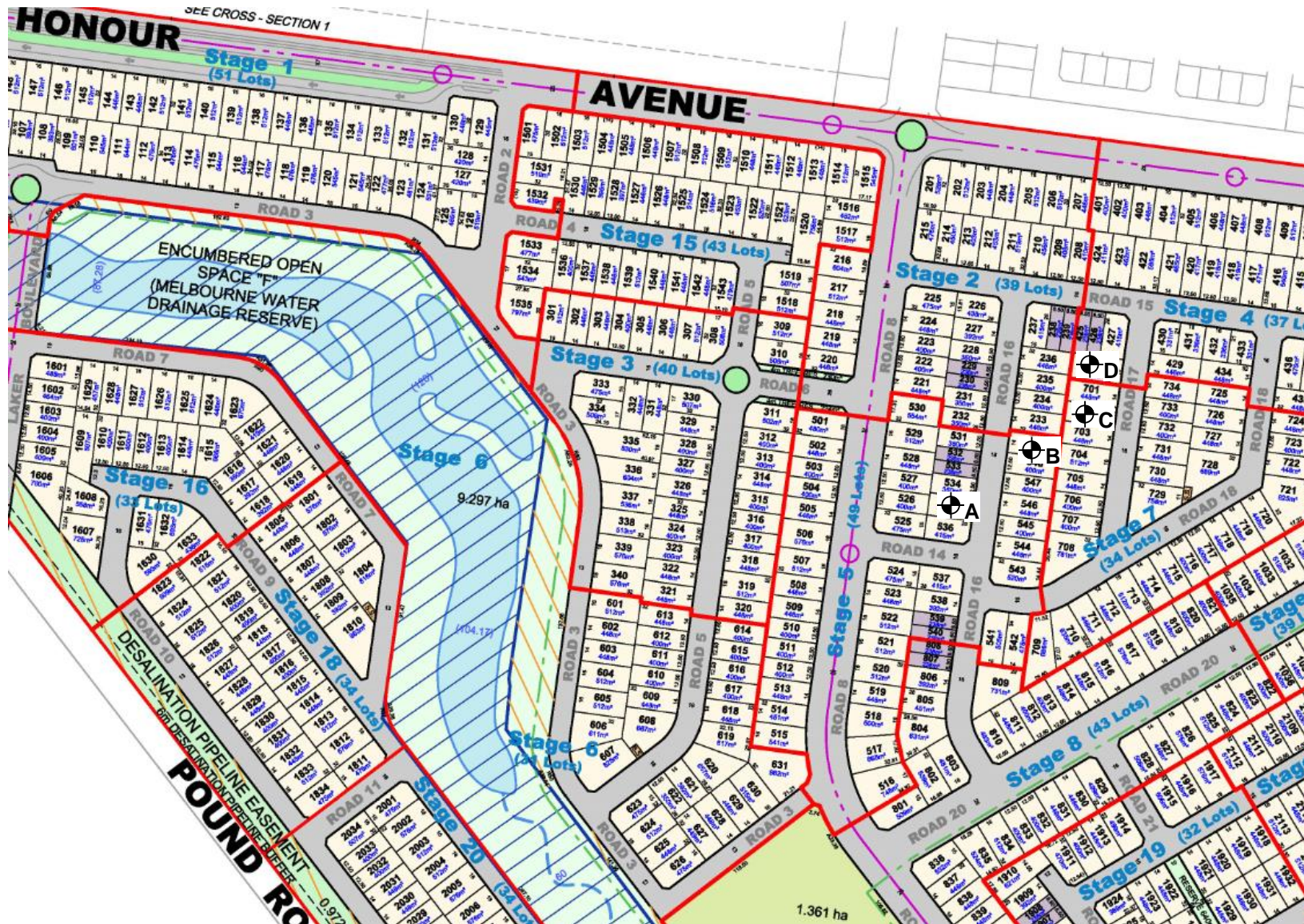
Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	192-4589A	192-4589B	192-4589C	192-4589D
Date Tested	29/10/2019	29/10/2019	29/10/2019	29/10/2019
Time Tested	08:00	08:20	08:25	08:30
Test Request #/Location	Lot 535	Lot 549	Lot 702	Lot 428
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	F/L	750mm Below F.S	1.9m Below F.S	1.9m Below F.S
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	37.5	37.5	37.5	37.5
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.99	1.98	1.99	2.00
Field Moisture Content %	28.7	31.7	26.1	29.2
Field Dry Density (FDD) t/m ³	1.55	1.50	1.58	1.55
Peak Converted Wet Density t/m ³	2.01	2.01	2.01	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	99.5	99.0	98.5	98.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**
Moisture Variation (Wv) %	0.0	0.5	0.5	0.5
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	99.5	98.5	99.0	99.0
Compaction Method	Standard	Standard	Standard	Standard

Moisture Variation Note:

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

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

THIS SKETCH IS NOT INTENDED TO BE AN ACCURATE DEPICTION OF THE NUMBER, SIZE OR LOCATION OF TREES AND/OR SHRUBS

NOT TO SCALE

Material Test Report

Report Number: 1190228-115
Issue Number: 2 - This version supersedes all previous issues
Reissue Reason: Plan Added
Date Issued: 01/11/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4590
Date Sampled: 30/10/2019 7:30
Dates Tested: 30/10/2019 - 31/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: scott.flood@civilttest.com.au

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Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1						
Sample Number	192-4590A	192-4590B	192-4590C	192-4590D	192-4590E	192-4590F
Date Tested	30/10/2019	30/10/2019	30/10/2019	30/10/2019	30/10/2019	30/10/2019
Time Tested	07:45	07:50	08:10	08:16	03:00	15:09
Test Request #/Location	Lot 701	Lot 235	Lot 424	Lots 401/402	Lot 329	Lot 327
Chainage (m)	**	**	**	**	**	**
Location Offset (m)	**	**	**	**	**	**
Layer / Reduced Level	1.1m Below F.S	1.2m Below F.S	1.9m Below F.S	1.9m Below F.S	F/L	F/L
Thickness of Layer (mm)	300	300	300	300	300	300
Soil Description	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty	CLAY sandy silty
Test Depth (mm)	275	275	275	275	275	275
Sieve used to determine oversize (mm)	37.5	37.5	37.5	37.5	37.5	37.5
Percentage of Wet Oversize (%)	0.0	0.0	0.0	0.0	0.0	0.0
Field Wet Density (FWD) t/m ³	1.99	1.99	2.00	1.98	1.97	1.97
Field Moisture Content %	22.4	25.5	23.1	24.9	28.0	29.7
Field Dry Density (FDD) t/m ³	1.62	1.58	1.63	1.59	1.54	1.52
Peak Converted Wet Density t/m ³	2.01	2.01	2.02	2.01	2.01	2.00
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**	**
Moisture Ratio % (AS 1289.5.4.1)	97.0	97.5	98.5	97.5	102.5	101.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**	**	**	**	**	**
Moisture Variation (Wv) %	0.5	0.5	0.5	0.5	-0.5	-0.5
Adjusted Moisture Variation %	**	**	**	**	**	**
Hilf Density Ratio (%)	99.0	99.0	99.0	99.0	98.0	98.0
Compaction Method	Standard	Standard	Standard	Standard	Standard	Standard

Moisture Variation Note:

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

Material Test Report

Report Number: 1190228-115
Issue Number: 2 - *This version supersedes all previous issues*
Reissue Reason: *Plan Added*
Date Issued: 01/11/2019
Client: Australand Residential No 156 Pty Ltd
 Level 9, 484 St Kilda Road, MELBOURNE, VIC 3004,
Project Number: 1190228
Project Name: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Project Location: HONOUR VILLAGE WETLANDS STAGE 2, CLYDE NORTH
Work Request: 4590
Date Sampled: 30/10/2019 7:30
Dates Tested: 30/10/2019 - 31/10/2019
Sampling Method: AS1289 1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction

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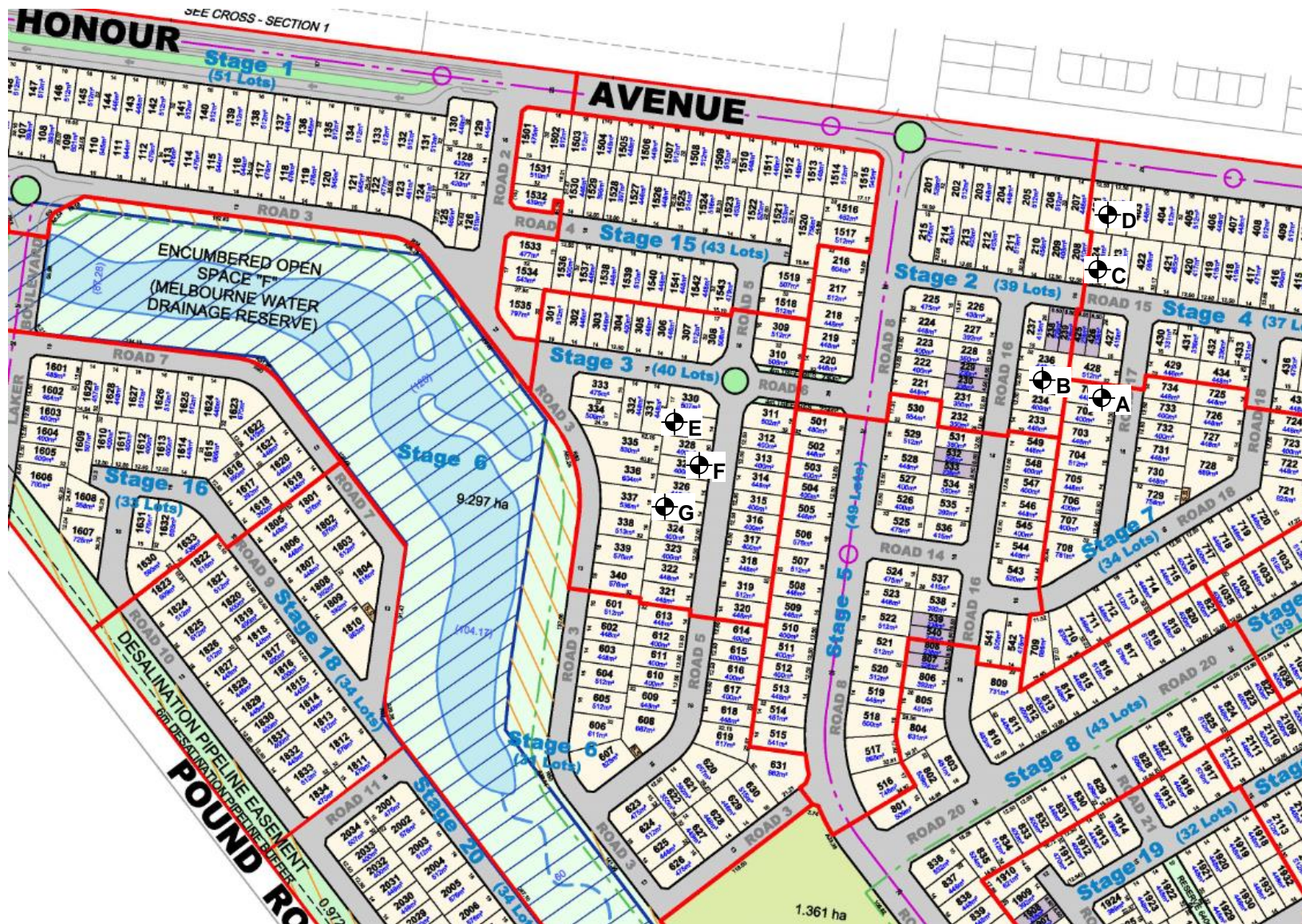


Approved Signatory: Scott Flood
 Laboratory Manager
 NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1	
Sample Number	192-4590G
Date Tested	30/10/2019
Time Tested	15:32
Test Request #/Location	Lot 325
Chainage (m)	**
Location Offset (m)	**
Layer / Reduced Level	F/L
Thickness of Layer (mm)	300
Soil Description	CLAY sandy silty
Test Depth (mm)	275
Sieve used to determine oversize (mm)	37.5
Percentage of Wet Oversize (%)	0.0
Field Wet Density (FWD) t/m ³	1.98
Field Moisture Content %	28.0
Field Dry Density (FDD) t/m ³	1.55
Peak Converted Wet Density t/m ³	2.00
Adjusted Peak Converted Wet Density t/m ³	**
Moisture Ratio % (AS 1289.5.4.1)	98.5
Adjusted Moisture Ratio % (AS 1289.5.4.1)	**
Moisture Variation (Wv) %	0.5
Adjusted Moisture Variation %	**
Hilf Density Ratio (%)	99.0
Compaction Method	Standard

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

LOCATION OF TEST SITES: HONOUR VILLAGE STAGE 2, CLYDE NORTH



⊕ Denotes Test Locations

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NOT TO SCALE

Material Test Report



Report Number: 2210348-3
Issue Number: 1
Date Issued: 10/06/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 9866
Date Sampled: 01/06/2021 7:00
Dates Tested: 01/06/2021 - 03/06/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Location: Honour Village Estate, CLYDE NORTH
Material: Silty CLAY

Civiltest Pty Ltd
 Mitcham Laboratory
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 Phone: (03) 9874 5844
 Email: Phil.morgans@civilttest.com.au

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Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-9866A	212-9866B	212-9866C
Date Tested	03/06/2021	03/06/2021	03/06/2021
Time Tested	09:30	12:30	15:00
Test Request #/Location	Lot 732	Lot 429	Lot 431
Chainage (m)	**	**	**
Location Offset (m)	**	**	**
Layer / Reduced Level	Final layer	-600 FSL	-800 FSL
Thickness of Layer (mm)	200	200	200
Soil Description	Silty Clay	Silty Clay	Silty Clay
Test Depth (mm)	175	175	175
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	2.07	1.99	1.98
Field Moisture Content %	23.8	20.3	22.9
Field Dry Density (FDD) t/m ³	1.67	1.65	1.61
Peak Converted Wet Density t/m ³	2.04	2.03	2.01
Adjusted Peak Converted Wet Density t/m ³	**	**	**
Adj. Optimum Moisture Content % (AS1289.5.4.1)	21.3	20.0	20.5
Adj. Field Moisture Content % (AS1289.5.4.1)	23.8	20.3	22.9
Moisture Ratio % (AS1289.5.4.1)	112.0	102.0	112.0
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	**
Moisture Variation (Wv) %	-2.5	-0.5	-2.5
Adjusted Moisture Variation %	**	**	**
Hilf Density Ratio (%)	101.0	98.0	98.0
Compaction Method	Standard	Standard	Standard
Report Remarks	**	**	**

Moisture Variation Note:

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

Material Test Report



Report Number: 2210348-4
Issue Number: 1
Date Issued: 11/06/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 9903
Date Sampled: 03/06/2021 10:00
Dates Tested: 03/06/2021 - 10/06/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Remarks: Sites selected by Civiltest
Specification: Minimum 95% Standard Compaction
Location: Honour Village Estate, CLYDE NORTH
Material: CLAY, Silty Brown
Material Source: Site Derived

Civiltest Pty Ltd
 Mitcham Laboratory
 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: Phil.morgans@civilttest.com.au

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Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1					
Sample Number	212-9903A	212-9903B	212-9903C	212-9903D	212-9903E
Date Tested	03/06/2021	03/06/2021	03/06/2021	03/06/2021	03/06/2021
Time Tested	10:40	10:31	10:23	10:09	10:01
Test Request #/Location	Lot 703	Lot 701/428	Lot 425/426	Lot 423/424	Lot 402/403
Chainage (m)	**	**	**	**	**
Location Offset (m)	**	**	**	**	**
Layer / Reduced Level	Finish Level	Finish Level	Finish Level	0.4m below F.L	0.6m below F.L
Thickness of Layer (mm)	300	300	300	300	300
Soil Description	CLAY, Silty Brown	CLAY, Silty Brown	CLAY, Silty Brown	CLAY, Silty Brown	CLAY, Silty Brown
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
Field Wet Density (FWD) t/m ³	2.01	2.05	1.96	1.96	1.96
Field Moisture Content %	22.3	18.8	17.3	21.2	22.1
Field Dry Density (FDD) t/m ³	1.64	1.73	1.67	1.62	1.60
Peak Converted Wet Density t/m ³	2.03	2.04	1.96	1.99	1.97
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**	**
Moisture Variation (Wv) %	-1.0	0.0	1.5	0.0	0.5
Adjusted Moisture Variation %	**	**	**	**	**
Hilf Density Ratio (%)	99.0	100.5	100.0	98.0	99.5
Compaction Method	Standard	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-5
Issue Number: 1
Date Issued: 10/06/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 9920
Date Sampled: 03/06/2021 8:00
Dates Tested: 03/06/2021 - 03/06/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 98% Standard Compaction
Location: Honour Village Estate, CLYDE NORTH
Material: Silty CLAY



Civiltest Pty Ltd
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 Phone: (03) 9874 5844
 Email: Phil.morgans@civilttest.com.au

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-9920A	212-9920B	
Date Tested	03/06/2021	03/06/2021	
Time Tested	14:00	14:10	
Test Request #/Location	Lot 429	Lot 430	
Layer / Reduced Level	-400 FSL	-200 FSL	
Thickness of Layer (mm)	200	200	
Soil Description	Silty CLAY	Silty CLAY	
Test Depth (mm)	175	175	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	0	0	
Percentage of Dry Oversize (%) (AS1289.5.4.1)	0	0	
Field Wet Density (FWD) t/m ³	2.07	2.07	
Field Moisture Content %	24.4	24.7	
Field Dry Density (FDD) t/m ³	1.66	1.66	
Peak Converted Wet Density t/m ³	2.06	2.05	
Adjusted Peak Converted Wet Density t/m ³	**	**	
Adj. Optimum Moisture Content % (AS1289.5.4.1)	24.2	24.6	
Adj. Field Moisture Content % (AS1289.5.4.1)	24.4	24.7	
Moisture Ratio % (AS1289.5.4.1)	100.5	100.0	
Adjusted Moisture Ratio % (AS1289.5.4.1)	**	**	
Moisture Variation (Wv) %	0.0	0.0	
Adjusted Moisture Variation %	**	**	
Hilf Density Ratio (%)	100.5	101.0	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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

Material Test Report



Report Number: 2210348-11
Issue Number: 1
Date Issued: 09/08/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10577
Date Sampled: 29/07/2021 10:37
Dates Tested: 29/07/2021 - 02/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived

Civiltest Pty Ltd
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 Unit 7/38 Thornton Crescent Mitcham Vic 3132
 Phone: (03) 9874 5844
 Email: Phil.morgans@civilttest.com.au

Accredited for compliance with ISO/IEC 17025 - Testing



Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	212-10577A	212-10577B	212-10577C	212-10577D
Date Tested	29/07/2021	29/07/2021	29/07/2021	29/07/2021
Time Tested	11:21	11:30	11:40	11:49
Test Request #/Location	Chainage 365	Chainage 400	Chainage 600	Lot 1502
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	1st layer	1st layer	1st layer	Retest fill layer
Thickness of Layer (mm)	300	300	300	300
Soil Description	Mudstone	Mudstone	Mudstone	Mudstone
Test Depth (mm)	275	275	275	275
Sieve used to determine oversize (mm)	19.0	19.0	19.0	19.0
Percentage of Wet Oversize (%)	6	0	0	0
Field Wet Density (FWD) t/m ³	2.21	2.21	2.30	2.09
Field Moisture Content %	14.9	14.2	14.9	21.6
Field Dry Density (FDD) t/m ³	1.92	1.93	2.01	1.72
Peak Converted Wet Density t/m ³	**	2.21	2.18	2.05
Adjusted Peak Converted Wet Density t/m ³	2.18	**	**	**
Moisture Variation (Wv) %	**	1.5	2.0	0.0
Adjusted Moisture Variation %	2.5	**	**	**
Hilf Density Ratio (%)	101.5	99.5	105.5	102.0
Compaction Method	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**

Moisture Variation Note:

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

Material Test Report

Report Number: 2210348-13
Issue Number: 1
Date Issued: 27/08/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10962
Date Sampled: 25/08/2021 08:40
Dates Tested: 25/08/2021 - 26/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived



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Approved Signatory: Phil Morgans
 Branch Manager

NATA Accredited Laboratory Number: 790

Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	212-10962A	212-10962B	212-10962C	212-10962D
Date Tested	25/08/2021	25/08/2021	25/08/2021	25/08/2021
Time Tested	08:45	09:00	09:06	09:11
Test Request #/Location	Lot 1511	Lot 237	Lot236	Lot 233/234
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	800 Below Fs	Finished Surface	Finished Surface	Finished Surface
Thickness of Layer (mm)	300	300	300	300
Soil Description	Mudstone	Mudstone	Mudstone	Mudstone
Test Depth (mm)	275	275	275	275
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	2.03	2.08	2.16	2.05
Field Moisture Content %	25.4	18.1	16.3	15.6
Field Dry Density (FDD) t/m ³	1.62	1.76	1.86	1.77
Peak Converted Wet Density t/m ³	2.03	2.04	2.11	2.08
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Variation (Wv) %	-1.0	0.0	-0.5	0.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	100.0	102.0	102.5	98.5
Compaction Method	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-13
Issue Number: 1
Date Issued: 27/08/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 10962
Date Sampled: 25/08/2021 08:40
Dates Tested: 25/08/2021 - 26/08/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

	212-10962E	212-10962F	212-10962G	
Sample Number	212-10962E	212-10962F	212-10962G	
Date Tested	25/08/2021	25/08/2021	25/08/2021	
Time Tested	09:21	09:29	09:38	
Test Request #/Location	Lot 548	Lot 703	Lot 428	
Chainage (m)	**	**	**	
Location Offset (m)	**	**	**	
Layer / Reduced Level	Finished Surface	Finished Surface	Finished Surface	
Thickness of Layer (mm)	300	300	300	
Soil Description	Mudstone	Mudstone	Mudstone	
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	2.02	2.06	2.10	
Field Moisture Content %	19.7	21.6	18.6	
Field Dry Density (FDD) t/m ³	1.69	1.70	1.77	
Peak Converted Wet Density t/m ³	2.04	2.02	2.04	
Adjusted Peak Converted Wet Density t/m ³	**	**	**	
Moisture Variation (Wv) %	1.5	-0.5	0.0	
Adjusted Moisture Variation %	**	**	**	
Hilf Density Ratio (%)	99.5	102.0	103.0	
Compaction Method	Standard	Standard	Standard	
Report Remarks	**	**	**	

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-24
Issue Number: 1
Date Issued: 24/11/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 11733
Date Sampled: 20/11/2021 7:30
Dates Tested: 20/11/2021 - 22/11/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: CLAY sandy
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	212-11733A		
Date Tested	20/11/2021		
Time Tested	12:04		
Test Request #/Location	Lot 420		
Chainage (m)	**		
Location Offset (m)	**		
Layer / Reduced Level	1170mm below		
Thickness of Layer (mm)	300		
Soil Description	CLAY sandy		
Test Depth (mm)	275		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m ³	2.05		
Field Moisture Content %	18.8		
Field Dry Density (FDD) t/m ³	1.72		
Peak Converted Wet Density t/m ³	2.02		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	1.5		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	101.5		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-26
Issue Number: 1
Date Issued: 26/11/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 11741
Date Sampled: 23/11/2021 8:00
Dates Tested: 23/11/2021 - 25/11/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: CLAY sandy
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1				
Sample Number	212-11741A	212-11741B	212-11741C	212-11741D
Date Tested	23/11/2021	23/11/2021	23/11/2021	23/11/2021
Time Tested	08:12	08:27	11:03	11:08
Test Request #/Location	Lot 418	Lot 420/419	Lot 430/431	Lot 429
Chainage (m)	**	**	**	**
Location Offset (m)	**	**	**	**
Layer / Reduced Level	300mm below	750mm below	100mm below	100mm below
Thickness of Layer (mm)	300	300	300	300
Soil Description	CLAY sandy	CLAY sandy	CLAY sandy	CLAY sandy
Test Depth (mm)	275	275	275	275
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	2.14	2.04	2.12	2.06
Field Moisture Content %	12.7	15.4	14.9	17.7
Field Dry Density (FDD) t/m ³	1.90	1.77	1.84	1.75
Peak Converted Wet Density t/m ³	2.05	2.10	1.99	1.98
Adjusted Peak Converted Wet Density t/m ³	**	**	**	**
Moisture Variation (Wv) %	2.5	-0.5	2.5	2.0
Adjusted Moisture Variation %	**	**	**	**
Hilf Density Ratio (%)	104.5	97.0	106.5	104.0
Compaction Method	Standard	Standard	Standard	Standard
Report Remarks	**	**	**	**

Moisture Variation Note:

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

Material Test Report

Report Number: 2210348-27
Issue Number: 1
Date Issued: 02/12/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 11823
Date Sampled: 30/11/2021 11:00
Dates Tested: 30/11/2021 - 01/12/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: Mudstone
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-11823A	212-11823B	
Date Tested	30/11/2021	30/11/2021	
Time Tested	11:03	11:09	
Test Request #/Location	Lot 417	Lot 405	
Chainage (m)	**	**	
Location Offset (m)	**	**	
Layer / Reduced Level	200mm below	300mm below	
Thickness of Layer (mm)	300	300	
Soil Description	Mudstone	Mudstone	
Test Depth (mm)	275	275	
Sieve used to determine oversize (mm)	19.0	19.0	
Percentage of Wet Oversize (%)	13	0	
Field Wet Density (FWD) t/m ³	2.06	2.12	
Field Moisture Content %	18.9	16.8	
Field Dry Density (FDD) t/m ³	1.73	1.81	
Peak Converted Wet Density t/m ³	**	2.09	
Adjusted Peak Converted Wet Density t/m ³	2.12	**	
Moisture Variation (Wv) %	**	0.5	
Adjusted Moisture Variation %	-0.5	**	
Hilf Density Ratio (%)	97.5	101.5	
Compaction Method	Standard	Standard	
Report Remarks	**	**	

Moisture Variation Note:

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

Material Test Report

Report Number: 2210348-28
Issue Number: 1
Date Issued: 06/12/2021
Client: Bayport Civil Pty Ltd
55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 11837
Date Sampled: 01/12/2021 8:00
Dates Tested: 01/12/2021 - 02/12/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: CLAY sandy silty
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1

Sample Number	212-11837A		
Date Tested	01/12/2021		
Time Tested	13:39		
Test Request #/Location	Lot 416		
Chainage (m)	**		
Location Offset (m)	**		
Layer / Reduced Level	FL		
Thickness of Layer (mm)	300		
Soil Description	Mudstone		
Test Depth (mm)	275		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	8		
Field Wet Density (FWD) t/m ³	2.13		
Field Moisture Content %	14.1		
Field Dry Density (FDD) t/m ³	1.87		
Peak Converted Wet Density t/m ³	**		
Adjusted Peak Converted Wet Density t/m ³	2.03		
Moisture Variation (Wv) %	**		
Adjusted Moisture Variation %	2.5		
Hilf Density Ratio (%)	105.0		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

Positive values = test is dry of OMC

Negative values = test is wet of OMC

Material Test Report

Report Number: 2210348-29
Issue Number: 1
Date Issued: 09/12/2021
Client: Bayport Civil Pty Ltd
 55 Colemans Road, CARRUM DOWNS VIC 3201
Contact: Drew
Project Number: 2210348
Project Name: Honour Village Estate, CLYDE NORTH
Project Location: Honour Village Estate, CLYDE NORTH
Work Request: 11850
Date Sampled: 02/12/2021 9:00
Dates Tested: 02/12/2021 - 08/12/2021
Sampling Method: AS 1289.1.2.1 6.4 (b) - Sampling from layers in earthworks or pavement - compacted
Specification: Minimum 95% Standard Compaction
Site Selection: Selected by Client
Location: Honour Village Estate, CLYDE NORTH
Material: CLAY sandy silty
Material Source: Site Derived



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Compaction Control AS 1289 5.7.1 & 5.8.1 & 2.1.1			
Sample Number	212-11850A		
Date Tested	02/12/2021		
Time Tested	02:30		
Test Request #/Location	Lot 415		
Chainage (m)	**		
Location Offset (m)	**		
Layer / Reduced Level	80mm below topsoil		
Thickness of Layer (mm)	300		
Soil Description	CLAY sandy		
Test Depth (mm)	275		
Sieve used to determine oversize (mm)	19.0		
Percentage of Wet Oversize (%)	0		
Field Wet Density (FWD) t/m ³	2.03		
Field Moisture Content %	20.1		
Field Dry Density (FDD) t/m ³	1.69		
Peak Converted Wet Density t/m ³	2.05		
Adjusted Peak Converted Wet Density t/m ³	**		
Moisture Variation (Wv) %	0.0		
Adjusted Moisture Variation %	**		
Hilf Density Ratio (%)	99.0		
Compaction Method	Standard		
Report Remarks	**		

Moisture Variation Note:

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