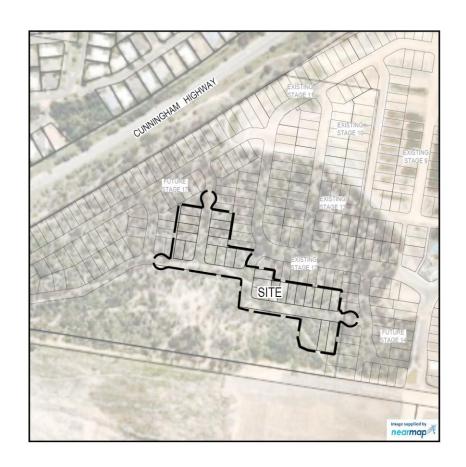


13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16

## REPORT ON LEVEL 1 EARTHWORKS INSPECTION AND TESTING



PROJECT: Bellevue Stage 16 – 357 Ripley Road

CONTRACTOR: SEE Civil Pty Ltd



### **TABLE OF CONTENTS**

- 1 INTRODUCTION
  - 1.0 General
  - 1.1 Site Description
  - 1.2 Site Geology
- 2 WORKS AND SPECIFICATIONS
- 3 PREVIOUS EARTHWORKS
- 4 FILL FOUNDATION
- 5 COMPLIANCE TESTING
- 6 CONCLUSION
- 7 LIMITATIONS

Appendix A – Bulk Earthworks Drawing

Appendix B - Test Reports

Appendix C - Individual Lot Certificates



#### 1 INTRODUCTION

### 1.0 GENERAL

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with Clause 8.2 of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

The fill placed on the site between the 24/02/2025 and 18/03/2025 as detailed in this report is considered to be Controlled Fill as defined in AS2870 – 2011 'Residential Slabs & Footings'.

### 1.1 SITE DESCRIPTION

The site is located at 357 Ripley Road in Ripley, Queensland shown below.



### 1.2 SITE GEOLOGY



Marburg Formation

Sandstone, siltstone, shale, conglomerate, coal, oolitic ironstone

Source: Moreton Geology Map

### 2 WORKS AND SPECIFICATIONS

The earthworks generally comprised of Level 1 filling placed across the site. Filling was conducted by using site won materials. The fill materials were placed in layers not exceeding 200mm and moisture conditioned. Compaction equipment was then utilised to compact the fill until the required density specifications were achieved.

Filling was carried out in accordance with AS3798-2007 'Guidelines on earthworks for commercial and residential developments' and with the project specification prepared for the project.

The specification requirements were that all fill was to be placed and compacted in layers to a density ratio of not less than 95% (standard compaction).



### 3 PREVIOUS EARTHWORKS

No previous earthworks have been conducted on the site.

### 4 FILL FOUNDATION

The stripped surfaces of proposed fill areas were inspected, and proof rolled prior to placement of fill. In general, the proof rolling was carried out with the equipment used to compact the fill and water truck. Compliance of the fill foundation and approval to commence filling was on the basis of:

- Adequate removal of topsoil and organics
- Soundness (minimum deflection) under proof rolling

### 5 COMPLIANCE TESTING

Test locations were randomly selected by the Geotechnical Testing Authority (GTA) Australian Soil and Concrete Testing. Compaction control tests were carried out at regular intervals throughout the placement of fill and after completion in accordance with the minimum test frequency recommendations included in the specifications. The table below summarises the test results. The test locations were not professionally surveyed and should be considered approximate.

All field density tests carried out on the structural fill meet the minimum specification requirements of 95% Standard Compaction (AS 1289 5.8.1, 5.7.1 & 2.1.1).

### SUMMARY OF FIELD DENSITY TEST RESULTS

Test No					
	Test Date	Test Location		Test Depth	Density Ratio %
128207	24/02/2025	E: 7567.68	N: 40256.78	RL: 60.34	99.0
128208	24/02/2025	E: 7571.03	N: 40250.76	RL: 60.20	98.5
128209	24/02/2025	E: 7565.30	N: 40249.39	RL: 60.05	97.0
128210	24/02/2025	E: 7569.33	N: 40236.57	RL: 59.81	98.5
128211	24/02/2025	E: 7575.36	N: 40227.82	RL: 59.91	96.0
128212	24/02/2025	E: 7585.96	N: 40224.33	RL: 60.17	97.0
128213	24/02/2025	E: 7600.41	N: 40222.14	RL: 61.19	98.0
128214	24/02/2025	E: 7610.41	N: 40220.53	RL: 61.68	96.0
128215	24/02/2025	E: 7613.15	N: 40213.44	RL: 61.75	98.0
128216	24/02/2025	E: 7611.53	N: 40198.29	RL: 61.69	96.5
128217	26/02/2025	E: 7569.91	N: 40266.54	RL: 61.69	103.5
128218	26/02/2025	E: 7564.91	N: 40271.62	RL: 61.67	103.0
128219	26/02/2025	E: 7550.12	N: 40270.72	RL: 60.73	103.0
128220	26/02/2025	E: 7539.93	N: 40275.48	RL: 60.66	99.5
128221	26/02/2025	E: 7530.36	N: 40274.64	RL: 60.31	101.5
128222	26/02/2025	E: 7520.74	N: 40280.40	RL: 60.30	103.0
130277	18/03/2025	LOT: 401	8.0m S / 3m W	RL: 66.50	96.0

No. of Tests: 17 Mean: 99.1 %



#### 6 CONCLUSION

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction, as far as we have been able to determine, the structural fill placed on the site between the 24/02/2025 and 18/03/2025 is considered to have been carried out in general accordance with AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

### 7 LIMITATIONS

Unless otherwise stated in this report, this report does not include: Backfill behind retaining structures, Backfill to service trenches, Road Pavements, Any Topsoil placed on the site, Slope Stability or Site Drainage.

The following should also be considered:

- a. This report is not a SITE CLASS REPORT as per AS2870-2011 and not a Geotechnical Site Investigation Report as per AS1726-2017.
- b. The shrink/swell movements which can occur in the residual silty clays due to weather related natural moisture changes by the reduction in surface evaporation subsequent to covering the site with buildings and pavements. As outlined in AS2870-2011 ("Residential Slabs and Footings Constructions").
- c. It should be noted that there is a possibility that compaction levels may have increased during placement of subsequent layers especially when there have been fully laden earthmoving equipment frequently travel across the fill areas exerting high traffic loads.
- d. All compacted filling is subject to decompaction phenomenon.
- e. Compacted FILL usually experiences secondary settlement at a rate of about 1% x depth.

Please do not hesitate to contact me if you have any queries.

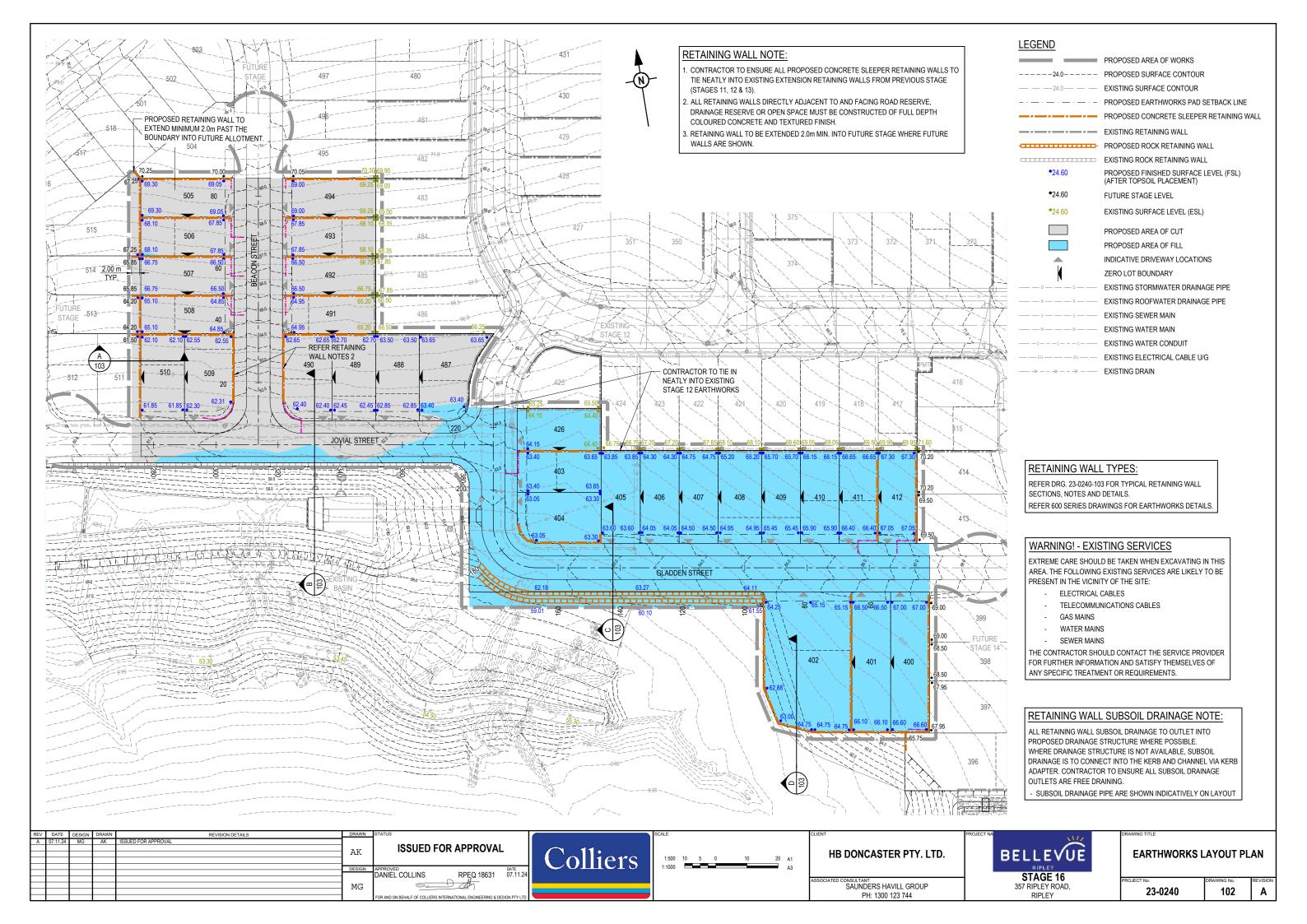
Yours faithfully

Jason Mckenna Laboratory Manager ASCT Brisbane South

jason.mckenna@asct.com.au



# Appendix A Bulk Earthworks Drawings





# Appendix B Test Reports



Postal: PO Box 1232 Park Ridge QLD 4125 Laboratory: 15 Elliott Court Hillcrest, QLD 4118

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Mobile: 0437 776 582

A.B.N. 28 608 830 306

### Compaction Control Test Report (Nuclear Gauge & Hilf)

Client: See Civil Pty Ltd

Client Address: 108 Siganto Drive, Helensvale QLD 4210

Project: Bellevue - Stage 16
Component: Bulk Earthworks - Level 1

Lot Number:

Page: 1 of 2

Report No: **12** 

Report Date: 6/03/2025

2233

Project No: Test Request:

ITP/PCP:

### Sample Information & Location

Sample Number:		128207	128208	128209	128210	128211
Field Test Number:		1	2	3	4	5
Date - Field Tested:		24/02/2025	24/02/2025	24/02/2025	24/02/2025	24/02/2025
Time - Field Tested:		1400	1405	1410	1415	1420
Material Source / Type:		On Site - General Fill				1
Remarks / Notes:						
Control Line:		-	-	-	-	-
Location/Chainage/Easting:	(m)	E: 7567.68	E: 7571.03	E: 7565.30	E: 7569.33	E: 7575.36
Position/Offset/Northing:	(m)	N: 40256.78	N: 40250.76	N: 40249.39	N: 40236.57	N: 40227.82
Level/Layer/R.L.		RL: 60.34	RL: 60.20	RL: 60.05	RL: 59.81	RL: 59.91
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	150	150
Field & Laboratory Results						
Field Wet Density:	(t/m³)	2.14	2.15	2.08	2.15	2.09
Field Dry Density:	(t/m <sup>3</sup> )	1.97	1.99	1.93	1.95	1.88
Retained Oversize (Wet basis):	(%)	1% on 19.0mm	2% on 19.0mm	2% on 19.0mm	2% on 19.0mm	3% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	8.5	8.0	7.5	10.0	11.0
Adjusted Lab OMC:	(%)	9.7	9.6	8.8	11.5	12.7
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m <sup>3</sup> )	2.16	2.18	2.14	2.17	2.17
Adjusted Lab Max CWD:	(t/m <sup>3</sup> )	2.16	2.18	2.15	2.18	2.19
Compactive Effort:		Standard	Standard	Standard	Standard	Standard
Relative Compaction & Moisture	e					
Moisture Variation	(%)	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OM
Moisture Ratio	(%)	86.5	85.0	86.0	88.5	88.5
Density Ratio	(%)	99.0	98.5	97.0	98.5	96.0
Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	96.9	10	97.38	1.09	0.405
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio	)	Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k

AS1289.1.1 (Prep), AS1289.5.4.1 - (Moisture Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), , AS 1289.1.2.1, CI 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

### Remarks Regarding the Lot.

Minimum (%) Maximum (%)

Laboratory testing 24/02/2025



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By:

A.Lenkeit Approved Signatory

WB101 - Rev 15, 13/05/2024



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Mobile:0437 776 582A.B.N.28 608 830 306

### Compaction Control Test Report (Nuclear Gauge & Hilf)

Client: See Civil Pty Ltd

Client Address: 108 Siganto Drive, Helensvale QLD 4210

Project: Bellevue - Stage 16
Component: Bulk Earthworks - Level 1

Lot Number:

 Page:
 2 of 2

 Report No:
 12

Report Date: 6/03/2025 Project No: 2233

Project No: Test Request: ITP/PCP:

Sample Information & Lo	cation					
Sample Number:		128212	128213	128214	128215	128216
Field Test Number:		6	7	8	9	10
Date - Field Tested:		24/02/2025	24/02/2025	24/02/2025	24/02/2025	24/02/2025
Time - Field Tested:		1425	1430	1435	1440	1445
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		0	0	0	0	0
Location/Chainage/Easting:	(m)	E: 7585.96	E: 7600.41	E: 7610.41	E: 7613.15	E: 7611.53
Position/Offset/Northing:	(m)	N: 40224.33	N: 40222.14	N: 40220.53	N: 40213.44	N: 40198.29
Level/Layer/R.L.		RL: 60.17	RL: 61.19	RL: 61.68	RL: 61.75	RL: 61.69
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	150	150
Field & Laboratory Result	:s					
Field Wet Density:	(t/m³)	2.16	2.11	2.07	2.09	2.11
Field Dry Density:	(t/m³)	1.94	1.89	1.92	1.97	1.96
Retained Oversize (Wet basi	is): (%)	3% on 19.0mm	2% on 19.0mm	2% on 19.0mm	1% on 19.0mm	2% on 19.0mm
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	11.5	12.0	8.0	6.5	7.5
Adjusted Lab OMC:	(%)	13.0	13.2	9.3	7.7	9.2
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Der	nsity: (t/m³)	2.21	2.15	2.14	2.14	2.19
Adjusted Lab Max CWD:	(t/m³)	2.22	2.16	2.15	2.14	2.20
Compactive Effort:		Standard	Standard	Standard	Standard	Standard
Relative Compaction & M	loisture					
Moisture Variation	(%)	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMC	1.5% Dryer than OMO
Moisture Ratio	(%)	88.0	90.0	86.5	84.0	83.5
Density Ratio	(%)	97.0	98.0	96.0	98.0	96.5
Chasified Danait	, Datio	Characteristic Value	Number of Tests	Moon	Standard Davistics	Constant k
Specified Density Minimum (%)	95	Characteristic Value 96.9	Number of Tests	Mean 97.38	Standard Deviation	Constant k
<del></del>	95	90.9	10	97.38	1.09	0.405
Maximum (%)	- Duti-	Characteristic V. I	Non-bound To 1		Chandrad Daviett	-
Specified Moisture	e Katio	Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-

#### Test Methods Used

AS1289.1.1 (Prep), AS1289.5.4.1 - (Moisture Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), , AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

### Remarks Regarding the Lot.

Laboratory testing 24/02/2025



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

WB101 - Rev 15, 13/05/2024



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Mobile: 0437 776 582 28 608 830 306 A.B.N.

Compaction Control Test Report (Nuclear Gauge & Hilf)

See Civil Pty Ltd Client Address: 108 Siganto Drive, Helensvale QLD 4210

Project: Bellevue - Stage 16 Component: Bulk Earthworks - Level 1

Lot Number:

Page: 1 of 2 Report No: 13

Report Date: 6/03/2025 Project No: 2233

Test Request: ITP/PCP:

Sam	ріє	e in	TOTH	nation	δ.	Locatio	n
							_
_							

Client:

Sample Number:		128217	128218	128219	128220	128221
Field Test Number:		1	2	3	4	5
Date - Field Tested:		26/02/2025	26/02/2025	26/02/2025	26/02/2025	26/02/2025
Time - Field Tested:		1000	1005	1010	1015	1020
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		-	-	-	-	-
Location/Chainage/Easting:	(m)	E: 7569.91	E: 7564.91	E: 7550.12	E: 7539.93	E: 7530.36
Position/Offset/Northing:	(m)	N: 40266.54	N: 40271.62	N: 40270.72	N: 40275.48	N: 40274.64
Level/Layer/R.L.		RL: 61.69	RL: 61.67	RL: 60.73	RL: 60.66	RL: 60.31
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	150	150
Field & Laboratory Results						
Field Wet Density:	(t/m <sup>3</sup> )	2.13	2.12	2.20	2.11	2.12
Field Dry Density:	(t/m <sup>3</sup> )	1.95	1.94	2.01	1.92	1.95
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	1% on 19.0mm	2% on 19.0mm	2% on 19.0mm	1% on 19.0mm
Material Description:		-	-	1	1	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven
Field Moisture Content:	(%)	9.0	9.0	9.0	10.5	9.0
Adjusted Lab OMC:	(%)	11.1	11.3	11.4	12.5	10.8
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m <sup>3</sup> )	2.04	2.05	2.13	2.11	2.08
Adjusted Lab Max CWD:	(t/m <sup>3</sup> )	2.06	2.06	2.14	2.13	2.08
Compactive Effort:		Standard	Standard	Standard	Standard	Standard
Relative Compaction & Moisture						
Moisture Variation	(%)	2.0% Dryer than OMC	2.0% Dryer than OMC	2.0% Dryer than OMC	2.0% Dryer than OMC	2.0% Dryer than OMC
Moisture Ratio	(%)	82.0	81.0	81.0	82.5	81.0
Density Ratio	(%)	103.5	103.0	103.0	99.5	101.5
Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k

#### Maximum (%) Test Methods Used.

Minimum (%)

Maximum (%)

Minimum (%)

AS1289.1.1 (Prep), AS1289.5.4.1 - (Moisture Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), , AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

Number of Tests

### Remarks Regarding the Lot.

Laboratory testing 03/02/2025 to 05/03/2025

Specified Moisture Ratio



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

101.4

Characteristic Value

Approved By:

102.15

Mean

B. Wild Approved Signatory

B. Wiles

1.49

Standard Deviation

WB101 - Rev 15, 13/05/202

0.523

Constant k



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### Compaction Control Test Report (Nuclear Gauge & Hilf)

Client: See Civil Pty Ltd Client Address: 108 Siganto Drive, Helensvale QLD 4210

Bellevue - Stage 16 Project: Component: Bulk Earthworks - Level 1

Lot Number:

Page: 2 of 2 Report No: 13

6/03/2025 Report Date: Project No: 2233

Test Request: ITP/PCP:

Sample	e Information	1 &	Location
Sample	Number		

Sample Information & Lo	ocation					
Sample Number:		128222	•	-	-	-
Field Test Number:		6	1	-	-	-
Date - Field Tested:		26/02/2025	1	-	-	-
Time - Field Tested:		1025	1	-	-	-
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		0	-	-	-	-
Location/Chainage/Easting:	: (m)	E: 7520.74	-	-	-	-
Position/Offset/Northing:	(m)	N: 40280.40	-	-	-	-
Level/Layer/R.L.		RL: 60.30	-	-	-	-
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	-	-	-	-
Field & Laboratory Resul	lts					
Field Wet Density:	(t/m <sup>3</sup> )	2.12	-	-	-	-
Field Dry Density:	(t/m <sup>3</sup>	1.94	-	-	-	-
Retained Oversize (Wet bas	sis): (%)	3% on 19.0mm	•	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	-	-	-	-
Field Moisture Content:	(%)	9.5	-	-	-	-
Adjusted Lab OMC:	(%)	11.5	-	-	-	-
Fraction Tested:		Passing 19.0mm	-	-	-	-
Lab Max Converted Wet De	ensity: (t/m³	2.05	-	-	-	-
Adjusted Lab Max CWD:	(t/m <sup>3</sup>	2.06	-	-	-	-
Compactive Effort:		Standard	-	-	-	-
Relative Compaction & N	Moisture					
Moisture Variation	(%)	2.0% Dryer than OMC	•	-	-	-
Moisture Ratio	(%)	81.5	•	-	-	-
Density Ratio	(%)	103.0	-	-	-	-
Specified Densit	ty Ratio	Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	101.4	6	102.15	1.49	0.523
Maximum (%)	33	-	-	-	-	-
Specified Moistu	ıre Ratio	Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	ii c natio	-	-	-	-	-
Maximum (%)		-	-	-	-	-
				1	l	<u> </u>

#### Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Moisture Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), , AS 1289.1.2.1, Cl 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

### Remarks Regarding the Lot.

Laboratory testing 03/02/2025 to 05/03/2025



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902



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Compaction Control Test Report (Nuclear Gauge & Hilf)

Client: See Civil Pty Ltd Client Address: 108 Siganto Drive, Helensvale QLD 4210

Bellevue - Stage 16 Project: Allotment Fill

Component: Lot Number: Page: Report No: 1 of 1 14

Report Date: 27/03/2025 Project No:

2233

Test Request:

ITP/PCP:

Sample Information & Location						
Sample Number:		130277	-	-	-	-
Field Test Number:		1	-	-	-	-
Date - Field Tested:		18/03/2025	-	-	-	-
Time - Field Tested:		1300	-	-	-	-
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		LOT: 401				
Location/Chainage/Easting:	(m)	8.0m From Back Of Lot	-	-	=	=
Position/Offset/Northing:	(m)	3.0m From E Boundary	-	-	=	=
Level/Layer/R.L.		RL: 66.50	-	-	-	-
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	-	-	-	-
Field & Laboratory Results						
Field Wet Density:	(t/m <sup>3</sup> )	2.10	-	-	-	-
Field Dry Density:	(t/m <sup>3</sup> )	1.97	-	-	-	-
Retained Oversize (Wet basis):	(%)	2% on 19.0mm	-	-	-	-
Material Description:		=	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	-	-	-	-
Field Moisture Content:	(%)	6.5	-	-	-	-
Adjusted Lab OMC:	(%)	8.0	-	-	-	-
Fraction Tested:		Passing 19.0mm	-	-	-	-
Lab Max Converted Wet Density:	(t/m <sup>3</sup> )	2.18	-	-	-	-
Adjusted Lab Max CWD:	(t/m <sup>3</sup> )	2.19	-	-	-	-
Compactive Effort:		Standard	-	-	-	-
Relative Compaction & Moisture						
Moisture Variation	(%)	1.5% Dryer than OMC	-	-	-	-
Moisture Ratio	(%)	81.5	-	-	-	-
Density Ratio	(%)	96.0	-	-	-	-
Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-
Specified Moisture Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)		-	-	-	-	-
Maximum (%)		-	-	-	-	-
· · · · · ·		•				

#### Test Methods Used.

AS1289.1.1 (Prep), AS1289.5.4.1 - (Moisture Ratio), AS1289.5.7.1 - (Hilf Density/Moisture Ratio (Rapid Method)), AS1289.5.8.1 (Nuclear Gauge, Direct Transmission), , AS 1289.1.2.1, Cl 6.4(b) (Sampling),

### Remarks Regarding the Lot.

Laboratory testing 18/03/2025



Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.

Accreditation number: 19902

Approved By:

B. Wild Approved Signatory

B. Willer

WB101 - Rev 15, 13/05/2024



# Appendix C Individual Lot Certificates



PO Box 1232 PARK RIDGE QLD 4125 ABN: 28 608 830 306 ACN: 608 830 306

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Web: www.asct.com.au

13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 400

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 400 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **400** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 401

## CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 401 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **401** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

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Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 402

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 402 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **402** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 403

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 403 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **403** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 404

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

### LOT 404 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **404** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 405

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 405 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **405** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 406

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 406 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **406** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 407

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 407 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **407** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 408

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 408 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **408** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 409

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 409 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **409** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 410

## CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 410 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **410** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 411

## CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 411 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **411** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 412

## CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 412 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **412** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 426

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 426 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **426** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager



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13th June 2025

Ref No: 2233\_Level 1\_Bellevue Stage 16 \_Lot 487

### CERTIFICATE OF CONTROLLED LEVEL 1 FILLING LOT 487 – Bellevue Stage 16

Australian Soil and Concrete Testing was commissioned by SEE Civil Pty Ltd to provide earthworks inspection and testing services on a 'Level 1' basis in accordance with the requirements of AS 3798-2007 'Guidelines on earthworks for commercial and residential developments'.

Fill was placed on the site between the 24/02/2025 and 18/03/2025.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **487** is considered to have been carried out in accordance with AS3798-2007 and is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

Full details of the inspection and testing conducted is included in our Level 1 report Ref No: **2233\_Level 1\_Bellevue Stage 16** Dated 13<sup>th</sup> June 2025.

Please do not hesitate to contact me if you have any queries.

Yours faithfully

Jason Mckenna Laboratory Manager