



3rd September 2021

Ref No: 946_SEE Civil_Level 1_Flagstone City Stage 2F

REPORT ON LEVEL 1 EARTHWORKS INSPECTION AND TESTING



PROJECT: FLAGSTONE CITY STAGE 2F

CONTRACTOR: SEE CIVIL PTY LTD

TABLE OF CONTENTS

1 INTRODUCTION

1.0 General

1.1 Site Description

2 WORKS AND SPECIFICATIONS

3 PREVIOUS EARTHWORKS

4 FILL FOUNDATION

5 COMPLIANCE TESTING

6 CONCLUSION

7 LIMITATIONS

Appendix A – Test Reports

Appendix B – 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 development between 8/06/2021 and 26/06/2021 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 the Flagstone City Residential Estate off Flagstonian Drive in Queensland. The Stage 2F site is a 25 lot residential subdivision.

Drawing showing the Site Location.



LOCALITY PLAN
NOT TO SCALE

2 WORKS AND SPECIFICATIONS

The earthworks generally comprised of Level 1 filling placed across the site. The remainder of the site earthworks consisted of leveling and trimming of allotments. Filling was conducted by using site won materials. The fill materials were placed in layers not exceeding 200mm and moisture conditioned as required. Pad foot rollers were then utilized 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% of the maximum dry density as determined by AS1289.5.4.1 (Standard Compaction).

3 PREVIOUS EARTHWORKS

Earthworks have previously been carried out at the site. The previous earthworks were carried out between the 12/01/2021 and 21/05/2021. The Level 1 inspection and testing services were carried out by ASCT Brisbane South and is detailed our report, **Reference No: 664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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
- adequate removal of soft compressible soils
- soundness (minimum deflection) under proof rolling
- Adequate benching into existing slopes/batters

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 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, 5.1.1, 5.7.1 & 2.1.1).

SUMMARY OF FIELD DENSITY TEST RESULTS

SAMPLE NUMBER	SAMPLE DATE	SAMPLE LOCATION				DENSITY RATIO %
50623	8/06/2021	Fill Area	E: 35037.745	N: 74131.697	RL: 50.675	101.5
50624	8/06/2021	Fill Area	E: 35029.230	N: 74116.261	RL: 52.151	98.0
50625	8/06/2021	Fill Area	E: 35159.813	N: 74143.521	RL: 49.83	101.0
50626	8/06/2021	Fill Area	E: 35140.512	N: 74150.932	RL: 50.42	98.5
50627	8/06/2021	Fill Area	E: 35161.423	N: 74151.632	RL: 50.23	99.0
50628	8/06/2021	Fill Area	E: 35037.511	N: 741122.614	RL: 50.611	100.0
50629	8/06/2021	Fill Area	E: 35149.611	N: 74147.629	RL: 50.261	99.5
50630	8/06/2021	Fill Area	E: 35016.461	N: 74029.611	RL: 52.021	99.5
51746	7/07/2021	Lot 901	From NW corner	17m East, 10m South	Finish Level	99.0
51747	7/07/2021	Lot 922	From NW corner	20m East, 5m South	Finish Level	97.5
51748	7/07/2021	Lot 921	From NW corner	10m East, 10m South	Finish Level	99.0
51749	7/07/2021	Lot 924	From NW corner	10m East, 12m South	Finish Level	98.5
51750	7/07/2021	Lot 919	From NW corner	5m East, 15m South	Finish Level	99.5
51751	7/07/2021	Lot 926	From NW corner	10m East, 10m South	Finish Level	99.0

No. of Tests: 14

Mean: 99.3 %

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 between the 8/06/2021 and 7/07/2021 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.

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

Yours faithfully



Jason Mckenna
Laboratory Manager

ASCT Brisbane South

Appendix A

Test Reports



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	1
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	21/06/2021
Project:	Stage 2F - Flagstone	Project No:	946
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	-

Sample Information & Location

Sample Number:	50623	50624	50625	50626	50627
Field Test Number:	-	-	-	-	-
Date - Field Tested:	8/06/2021	8/06/2021	8/06/2021	8/06/2021	8/06/2021
Time - Field Tested:	1130	1135	1140	1145	1150
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E: 35037.745	E: 35029.230	E: 35159.813	E: 35140.512	E: 35161.423
Position/Offset/Northing:	(m) N: 74131.697	N: 74116.261	N: 74143.521	N: 74150.932	N: 74151.632
Level/Layer/R.L.	RL: 50.675	RL: 52.151	RL: 49.83	RL: 50.42	RL: 50.23
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.19	2.12	2.18	2.14	2.13
Field Dry Density:	(t/m ³)	2.03	1.96	2.01	1.97	1.91
Retained Oversize (Wet basis):	(%)	1% on 19.0mm	2% on 19.0mm	1% on 19.0mm	2% on 19.0mm	1% 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:	(%)	8.0	8.0	8.5	8.5	11.0
Adjusted Lab OMC:	(%)	10.1	10.1	10.3	10.2	12.5
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density:	(t/m ³)	2.16	2.16	2.15	2.17	2.15
Adjusted Lab Max CWD:	(t/m ³)	2.16	2.16	2.15	2.17	2.15
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Drier than OMC	2.0% Drier than OMC	2% Drier than OMC	2% Drier than OMC	1.5% Drier than OMC
Moisture Ratio	(%)	79.5	80.5	83.0	82.0	89.5
Density Ratio	(%)	101.5	98.0	101.0	98.5	99.0

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.1	8	99.64	1.21	0.453
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 - (Dry Density Ratio, Moisture Variation & 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 endorsement)

Remarks Regarding the Lot.

Laboratory testing 17/06/2021

	Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.	
	Accreditation number: 19902	



ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	1
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	21/06/2021
Project:	Stage 2F - Flagstone	Project No:	946
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	-

Sample Information & Location

	50628	50629	50630	-	-
Sample Number:	-	-	-	-	-
Field Test Number:	-	-	-	-	-
Date - Field Tested:	8/06/2021	8/06/2021	8/06/2021	-	-
Time - Field Tested:	1155	1200	1205	-	-
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	-	-	-	-	-
Location/Chainage/Easting:	(m) E: 35037.511	E: 35149.611	E: 35016.461	-	-
Position/Offset/Northing:	(m) N: 741122.614	N: 74147.629	N: 74029.611	-	-
Level/Layer/R.L.	RL: 50.611	RL: 50.261	RL: 52.021	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	150	150	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.14	2.12	2.14	-	-
Field Dry Density:	(t/m ³)	1.93	1.91	1.92	-	-
Retained Oversize (Wet basis):	(%)	1% on 19.0mm	2% 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	-	-
Field Moisture Content:	(%)	11.0	11.0	11.5	-	-
Adjusted Lab OMC:	(%)	11.4	11.6	11.4	-	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.15	2.13	2.14	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.15	2.13	2.15	-	-
Compactive Effort:		Standard	Standard	Standard	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	0.5% Drier than OMC	0.5% Drier than OMC	At OMC	-	-
Moisture Ratio	(%)	97.0	96.0	99.0	-	-
Density Ratio	(%)	100.0	99.5	99.5	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.1	8	99.64	1.21	0.453
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 - (Dry Density Ratio, Moisture Variation & 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 endorsement)

Remarks Regarding the Lot.

Laboratory testing 17/06/2021

	Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested. Accreditation number: 19902
--	---



ASCT Brisbane South
 Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 1 of 2

Client:	See Civil Pty Ltd	Report No:	11
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	16/07/2021
Project:	Stage 2F - Flagstone	Project No:	946
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	-

Sample Information & Location

Sample Number:	51746	51747	51748	51749	51750
Field Test Number:	-	-	-	-	-
Date - Field Tested:	7/07/2021	7/07/2021	7/07/2021	7/07/2021	7/07/2021
Time - Field Tested:	1230	1235	1240	1245	1250
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	Lot 901	Lot 922	Lot 921	Lot 924	Lot 919
Location/Chainage/Easting: (m)	From NW corner	From NW corner	From NW corner	From NW corner	From NW corner
Position/Offset/Northing: (m)	17m East, 10m South	20m East, 5m South	10m East, 10m South	10m East, 12m South	5m East, 15m South
Level/Layer/R.L.	Finish Level	Finish Level	Finish Level	Finish Level	Finish Level
Layer Depth: (mm)	-	-	-	-	-
Depth Tested: (mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density: (t/m ³)	2.14	2.08	2.12	2.07	2.15
Field Dry Density: (t/m ³)	1.94	1.90	1.92	1.88	1.95
Retained Oversize (Wet basis): (%)	1% on 19.0mm	2% on 19.0mm	1% on 19.0mm	2% 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: (%)	10.0	9.5	10.5	10.0	10.5
Adjusted Lab OMC: (%)	12.0	11.1	11.8	11.9	12.3
Fraction Tested:	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	Passing 19.0mm
Lab Max Converted Wet Density: (t/m ³)	2.16	2.13	2.14	2.10	2.15
Adjusted Lab Max CWD: (t/m ³)	2.16	2.13	2.14	2.10	2.16
Compactive Effort:	Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation (%)	2.0% Drier than OMC	2.0% Drier than OMC	1.5% Drier than OMC	2% Drier than OMC	2% Drier than OMC
Moisture Ratio (%)	85.5	84.5	88.0	83.5	85.5
Density Ratio (%)	99.0	97.5	99.0	98.5	99.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.3	6	98.78	0.86	0.523
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 - (Dry Density Ratio, Moisture Variation & 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 endorsement)

Remarks Regarding the Lot.

Laboratory testing 14/07/2021



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

Accreditation number: 19902

A. Lenkeit

Approved By: A. Lenkeit
 Approved Signatory



**AUSTRALIAN
SOIL AND
CONCRETE
TESTING**

ASCT Brisbane South

Postal: PO Box 1232 Park Ridge QLD 4125
 Laboratory: 4/31 Tradelink Road Hillcrest Q 4118
 Telephone: 0437 776 582
 E-Mail: brisbane.south@asct.com.au
 Mobile: 0437 776 582
 A.B.N. 28 608 830 306

Compaction Control Test Report (Nuclear Gauge & Hilf) Page: 2 of 2

Client:	See Civil Pty Ltd	Report No:	11
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	16/07/2021
Project:	Stage 2F - Flagstone	Project No:	946
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	-

Sample Information & Location

Sample Number:	51751	-	-	-	-
Field Test Number:	-	-	-	-	-
Date - Field Tested:	7/07/2021	-	-	-	-
Time - Field Tested:	1255	-	-	-	-
Material Source / Type:	On Site - General Fill				
Remarks / Notes:					
Control Line:	Lot 926	-	-	-	-
Location/Chainage/Easting:	(m) From NW corner	-	-	-	-
Position/Offset/Northing:	(m) 10m East, 10m South	-	-	-	-
Level/Layer/R.L.	Finish Level	-	-	-	-
Layer Depth:	(mm) -	-	-	-	-
Depth Tested:	(mm) 150	-	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.13	-	-	-	-
Field Dry Density:	(t/m ³)	1.93	-	-	-	-
Retained Oversize (Wet basis):	(%)	2% on 19.0mm	-	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	-	-	-	-
Field Moisture Content:	(%)	10.0	-	-	-	-
Adjusted Lab OMC:	(%)	11.8	-	-	-	-
Fraction Tested:		Passing 19.0mm	-	-	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.14	-	-	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.14	-	-	-	-
Compactive Effort:		Standard	-	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	1.5% Drier than OMC	-	-	-	-
Moisture Ratio	(%)	87.0	-	-	-	-
Density Ratio	(%)	99.0	-	-	-	-


Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	98.3	6	98.78	0.86	0.523
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 - (Dry Density Ratio, Moisture Variation & 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 endorsement)

Remarks Regarding the Lot.

Laboratory testing 14/07/2021

	<p>Accredited for compliance with ISO/IEC 17025 - Testing. The results relate only to the items sampled/tested.</p> <p>Accreditation number: 19902</p>
---	--

Appendix B

Individual Lot Reports

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 808

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 808 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **808** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 900

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 900 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **900** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 901

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 901 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **901** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 911

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 911 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **911** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 912

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 912 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **912** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 913

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 913 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **913** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 914

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 914 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **914** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 915

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 915 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **915** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 916

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 916 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **916** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 917

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 917 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **917** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 918

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 918 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **918** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 919

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 919 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **919** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 920

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 920 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **920** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 921

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 921 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **921** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 922

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 922 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **922** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 923

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 923 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **923** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 924

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 924 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **924** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 925

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 925 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **925** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 926

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 926 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **926** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 927

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 927 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **927** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 928

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 928 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **928** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 929

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 929 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **929** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 930

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 930 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **930** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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



ASCT Brisbane South

PO Box 1232
PARK RIDGE QLD 4125
ABN: 28 608 830 306
ACN: 608 830 306
Mobile: 0437 776 582 or 0439 776 589
Email: brisbane.south@asct.com.au
Web: www.asct.com.au

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 931

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 931 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **931** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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

3rd September 2021
Ref No: Flagstone City Stage 2F_Lot 932

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4210

CERTIFICATE OF CONTROLLED LEVEL 1 FILLING

LOT 932 – FLAGSTONE CITY STAGE 2F

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*'.

Earthworks were conducted on the site between 8/06/2021 and 7/07/2021. We have issued this letter to cover any filling placed on the lot and any re-compaction of loosened materials across any cutting area of the allotment.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on allotment **932** is considered to have been carried out in general 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 previously conducted is included in our report Reference No: **664_SEE Civil_Flagstone City Stage 2 Bulk Earthworks_Level 1** dated 24th June 2021.

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