



14th August 2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau

REPORT ON LEVEL 1

EARTHWORKS INSPECTION AND TESTING



PROJECT: 114 Eggersdorf Road - Ormeau

CONTRACTOR: SEE Civil Pty Ltd

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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'*.

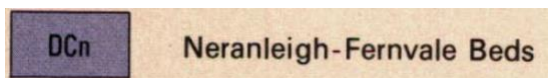
The fill placed on the development between 13/03/2024 and 11/04/2024 as detailed in this report is considered to be Controlled Fill as defined in AS2870 – 2011 *'Residential Slabs & Footings'*.

1.1 SITE DESCRIPTION

The site is located at 114 Eggersdorf Road in Ormeau, Queensland as shown below.



1.2 SITE GEOLOGY



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).

The maximum depth of filling is approximately 1m and we have included the earthworks drawing in appendix A which shows areas of cutting and filling.

3 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

4 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 on allotments (AS 1289 5.8.1, 5.7.1 & 2.1.1).

SUMMARY OF FIELD DENSITY TEST RESULTS

Test No	Test Date	Test Location			Test Level	Density Ratio %
104400	20/03/2024	Level 1 fill	E: 526407.7	N: 6926690.7	RL: 24.50	99.5
104401	20/03/2024	Level 1 fill	E: 526410.6	N: 6926678.8	RL: 24.30	100.0
104486	21/03/2024	Level 1 fill	E: 526399.93	N: 6926718.73	RL: 26.78	100.0
104487	21/03/2024	Level 1 fill	E: 526407.22	N: 6926645.11	RL: 24.05	98.5
104488	21/03/2024	Level 1 fill	E: 526402.11	N: 6926631.50	RL: 24.12	101.5
104916	2/04/2024	Level 1 Fill	E: 526405.3	N: 6926661.8	RL: 24.303	100.5
104917	2/04/2024	Level 1 Fill	E: 526409.4	N: 6926620.3	RL: 24.303	100.0
104918	2/04/2024	Level 1 Fill	E: 526405.3	N: 6926637.5	RL: 24.303	100.0
104919	2/04/2024	Level 1 Fill	E: 526377.9	N: 6926659.2	RL: 30.12	97.5
104920	2/04/2024	Level 1 Fill	E: 526374	N: 6926658.4	RL: 30.81	100.5
105383	10/04/2024	Level 1 Fill	E: 526419.5	N: 6926586.9	RL: 21.67	99.0
105404	11/04/2024	Level 1 Fill	E: 526408.3	N: 6926612.9	RL: 22.97	98.0
105405	11/04/2024	Level 1 Fill	E: 526411.8	N: 6926601.7	RL: 22.60	98.0

No. of Tests: 13

Mean: 99.5 %

5 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 13/03/2024 and 11/04/2024 is considered to have been carried out in general accordance with AS 3798-2007 '*Guidelines on earthworks for commercial and residential developments*'.

6 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

A handwritten signature in blue ink, appearing to read 'Jason Mckenna', with a long, sweeping horizontal line extending to the right.

Jason Mckenna
Laboratory Manager
ASCT Brisbane South
jason.mckenna@asct.com.au

Appendix A

Fill Area Drawing

Appendix B

Test Reports

**ASCT Brisbane South**

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Compaction Control Test Report (Nuclear Gauge & Hilf)

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Client:	See Civil Pty Ltd	Report No:	2
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	28/03/2024
Project:	114 Eggersdorf Road, Ormeau	Project No:	1796
Component:	Level 1 fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:		104400	104401	-	-	-
Field Test Number:		1	2	-	-	-
Date - Field Tested:		20/03/2024	20/03/2024	-	-	-
Time - Field Tested:		1200	1215	-	-	-
Material Source / Type:		Onsite - General Fill				
Remarks / Notes:						
Control Line:		-	-			
Location/Chainage/Easting:	(m)	E: 526407.7	E: 526410.6	-	-	-
Position/Offset/Northing:	(m)	N: 6926690.7	N: 6926678.8	-	-	-
Level/Layer/R.L.		RL-24.5	RL-24.3	-	-	-
Layer Depth:	(mm)	150	150	-	-	-
Depth Tested:	(mm)	150	150	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.15	2.17	-	-	-
Field Dry Density:	(t/m ³)	1.88	1.90	-	-	-
Retained Oversize (Wet basis):	(%)	2% on 19.0mm	3% on 19.0mm	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-	-	-
Field Moisture Content:	(%)	14.5	14.5	-	-	-
Adjusted Lab OMC:	(%)	14.5	14.2	-	-	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	-	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.16	2.16	-	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.16	2.17	-	-	-
Compactive Effort:		Standard	Standard	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	At OMC	At OMC	-	-	-
Moisture Ratio	(%)	101.5	101.5	-	-	-
Density Ratio	(%)	99.5	100.0	-	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	98	99.4	2	99.75	0.35	0.905
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), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

Remarks Regarding the Lot.

Laboratory testing 27/03/2024



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

Accreditation number: 19902

Approved By:

B. Wild

B. Wild
Approved Signatory

WB101 - Rev 14, 29/01/2024

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Client:	See Civil Pty Ltd	Report No:	3
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	28/03/2024
Project:	114 Eggersdorf Road, Ormeau	Project No:	1796
Component:	Level 1 fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:		104486	104487	104488	-	-
Field Test Number:		1	2	3	-	-
Date - Field Tested:		21/03/2024	21/03/2024	21/03/2024	-	-
Time - Field Tested:		1430	1445	1500	-	-
Material Source / Type:		On site - General Fill				
Remarks / Notes:						
Control Line:		-	-	-		
Location/Chainage/Easting:	(m)	E: 526399.93	E: 526407.22	E: 526402.11	-	-
Position/Offset/Northing:	(m)	N: 6926718.73	N: 6926645.11	N: 6926631.50	-	-
Level/Layer/R.L.		RL: 26.78	RL: 24.05	RL: 24.12	-	-
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.13	2.10	2.19	-	-
Field Dry Density:	(t/m ³)	2.01	1.95	2.04	-	-
Retained Oversize (Wet basis):	(%)	4% on 19.0mm	5% on 19.0mm	9% 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:	(%)	6.0	8.0	7.0	-	-
Adjusted Lab OMC:	(%)	8.0	9.9	8.7	-	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	Passing 19.0mm	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.12	2.12	2.13	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.13	2.14	2.15	-	-
Compactive Effort:		Standard	Standard	Standard	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	2.0% Dryer than OMC	2.0% Dryer than OMC	1.5% Dryer than OMC	-	-
Moisture Ratio	(%)	77.0	79.5	80.0	-	-
Density Ratio	(%)	100.0	98.5	101.5	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	98	98.8	3	100.00	1.65	0.739
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, CI 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

Remarks Regarding the Lot.

Laboratory testing 27/03/2024



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

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Approved By:

B. Wild
Approved Signatory

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Compaction Control Test Report (Nuclear Gauge & Hilf)

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Client:	See Civil Pty Ltd	Report No:	4
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	4/04/2024
Project:	114 Eggersdorf Road, Ormeau	Project No:	1796
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	

Sample Information & Location

Sample Number:		104916	104917	104918	104919	104920
Field Test Number:		1	2	3	4	5
Date - Field Tested:		2/04/2024	2/04/2024	2/04/2024	2/04/2024	2/04/2024
Time - Field Tested:		1415	1420	1430	1435	1440
Material Source / Type:		On Site - Genrall Fill				
Remarks / Notes:						
Control Line:		-	-	-	-	-
Location/Chainage/Easting:	(m)	E: 526405.3	E: 526409.4	E: 526405.3	E: 526377.9	E: 526374
Position/Offset/Northing:	(m)	N: 6926661.8	N: 6926620.3	N: 6926637.5	N: 6926659.2	N: 6926658.4
Level/Layer/R.L.		RL: 24.303	RL: 24.303	RL: 24.303	RL: 30.12	RL: 30.81
Layer Depth:	(mm)	-	-	-	-	-
Depth Tested:	(mm)	150	150	150	150	150

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.29	2.29	2.30	2.16	2.15
Field Dry Density:	(t/m ³)	2.13	2.11	2.10	1.88	1.87
Retained Oversize (Wet basis):	(%)	8% on 19.0mm	10% on 19.0mm	6% on 19.0mm	7% on 19.0mm	5% 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:	(%)	7.5	8.5	9.5	15.0	15.0
Adjusted Lab OMC:	(%)	9.4	10.4	11.5	15.0	15.0
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)	2.26	2.25	2.29	2.19	2.12
Adjusted Lab Max CWD:	(t/m ³)	2.28	2.28	2.30	2.21	2.14
Compactive Effort:		Standard	Standard	Standard	Standard	Standard

Relative Compaction & Moisture

Moisture Variation	(%)	1.5% Dryer than OMC	2.0% Dryer than OMC	1.5% Dryer than OMC	At OMC	At OMC
Moisture Ratio	(%)	82.0	80.5	83.5	101.0	101.5
Density Ratio	(%)	100.5	100.0	100.0	97.5	100.5

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	95	99.1	5	99.74	1.20	0.572
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), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

Remarks Regarding the Lot.

Laboratory testing 03/04/2024 to 04/04/2024



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

Accreditation number: 19902

Approved By:

B. Wild

B. Wild
Approved Signatory

WB101 - Rev 14, 29/01/2024

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Compaction Control Test Report (Nuclear Gauge & Hilf)

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Client:	See Civil Pty Ltd	Report No:	8
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	16/04/2024
Project:	114 Eggersdorf Road, Ormeau	Project No:	1796
Component:	Level 1 Fill	Test Request:	-
Lot Number:	-	ITP/PCP:	

Sample Information & Location

Sample Number:		105383	-	-	-	-
Field Test Number:		1	-	-	-	-
Date - Field Tested:		10/04/2024	-	-	-	-
Time - Field Tested:		14:30	-	-	-	-
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		-				
Location/Chainage/Easting:	(m)	E: 526419.5	-	-	-	-
Position/Offset/Northing:	(m)	N:6926586.9	-	-	-	-
Level/Layer/R.L.		RL: 21.67	-	-	-	-
Layer Depth:	(mm)	150	-	-	-	-
Depth Tested:	(mm)	150	-	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.11	-	-	-	-
Field Dry Density:	(t/m ³)	1.84	-	-	-	-
Retained Oversize (Wet basis):	(%)	6% on 19.0mm	-	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	-	-	-	-
Field Moisture Content:	(%)	14.5	-	-	-	-
Adjusted Lab OMC:	(%)	14.5	-	-	-	-
Fraction Tested:		Passing 19.0mm	-	-	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.11	-	-	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.13	-	-	-	-
Compactive Effort:		Standard	-	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	At OMC	-	-	-	-
Moisture Ratio	(%)	100.0	-	-	-	-
Density Ratio	(%)	99.0	-	-	-	-

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 15/01/2024 to 16/04/2024



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

WB101 - Rev 14, 29/01/2024

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Compaction Control Test Report (Nuclear Gauge & Hilf)

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Client:	See Civil Pty Ltd	Report No:	9
Client Address:	108 Siganto Drive, Helensvale QLD 4210	Report Date:	23/04/2024
Project:	114 Eggersdorf Road, Ormeau	Project No:	1796
Component:	Level 1 Fill	Test Request:	
Lot Number:		ITP/PCP:	

Sample Information & Location

Sample Number:		105404	105405	-	-	-
Field Test Number:		1	2	-	-	-
Date - Field Tested:		11/04/2024	11/04/2024	-	-	-
Time - Field Tested:		1205	1215	-	-	-
Material Source / Type:		On Site - General Fill				
Remarks / Notes:						
Control Line:		-	-			
Location/Chainage/Easting:	(m)	E: 526408.3	E: 526411.8	-	-	-
Position/Offset/Northing:	(m)	N: 6926612.9	N: 6926601.7	-	-	-
Level/Layer/R.L.		RL: 22.97	RL: 22.6	-	-	-
Layer Depth:	(mm)	150	150	-	-	-
Depth Tested:	(mm)	150	150	-	-	-

Field & Laboratory Results

Field Wet Density:	(t/m ³)	2.10	2.12	-	-	-
Field Dry Density:	(t/m ³)	1.92	1.92	-	-	-
Retained Oversize (Wet basis):	(%)	8% on 19.0mm	8% on 19.0mm	-	-	-
Material Description:		-	-	-	-	-
Moisture Content Method:		AS1289.2.1.1 - Oven	AS1289.2.1.1 - Oven	-	-	-
Field Moisture Content:	(%)	9.5	10.5	-	-	-
Adjusted Lab OMC:	(%)	11.5	12.3	-	-	-
Fraction Tested:		Passing 19.0mm	Passing 19.0mm	-	-	-
Lab Max Converted Wet Density:	(t/m ³)	2.11	2.14	-	-	-
Adjusted Lab Max CWD:	(t/m ³)	2.14	2.16	-	-	-
Compactive Effort:		Standard	Standard	-	-	-

Relative Compaction & Moisture

Moisture Variation	(%)	1.5% Drier than OMC	1.5% Drier than OMC	-	-	-
Moisture Ratio	(%)	84.5	85.0	-	-	-
Density Ratio	(%)	98.0	98.0	-	-	-

Specified Density Ratio		Characteristic Value	Number of Tests	Mean	Standard Deviation	Constant k
Minimum (%)	98	98.0	2	98.10	0.14	0.905
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, CI 6.4(b) (Sampling), CV calculations derived from Austroads NTR-09 publication (Not Included in Nata endosrement)

Remarks Regarding the Lot.


Laboratory testing 18/04/2024 to 22/04/2024



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

WB101 - Rev 14, 29/01/2024

Appendix C

Individual Lot Certificates



ASCT Brisbane South

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PARK RIDGE QLD 4125

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ACN: 608 830 306

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Web: www.asct.com.au

14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 1

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 1 - 114 Eggersdorf Road - Ormeau**

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 allotment between 13/03/24 and 11/04/24.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on the allotment 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 conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD

jason.mckenna@asct.com.au



ASCT Brisbane South

PO Box 1232

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 5

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 5 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Jason Mckenna', with a stylized flourish at the end.

Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 6

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 6 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 7

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 7 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
Laboratory Manager

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jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 8

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 8 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 9

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 9 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 10

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 10 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 11

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 11 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason McKenna
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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 15

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 15 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 16

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 16 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Laboratory Manager

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 17

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 17 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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Yours faithfully

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Laboratory Manager

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 18

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 18 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 20

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 20 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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Yours faithfully

Jason Mckenna
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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 25

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 25 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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Yours faithfully

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 26

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 26 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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Yours faithfully

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Laboratory Manager

ASCT Brisbane South PTY LTD
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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 27

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 27 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 28

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 28 - 114 Eggersdorf Road - Ormeau

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'.

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1796_Level 1_114 Eggersdorf Road_Ormeau

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 29

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 29 - 114 Eggersdorf Road - Ormeau

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'.

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1796_Level 1_114 Eggersdorf Road_Ormeau

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 30

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 30 - 114 Eggersdorf Road - Ormeau

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'.

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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

14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 31

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 31 - 114 Eggersdorf Road - Ormeau**

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 allotment between 13/03/24 and 11/04/24.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on the allotment 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 conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 32

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 32 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

A handwritten signature in blue ink, appearing to read 'Jason Mckenna', with a stylized flourish at the end.

Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 33

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 33 - 114 Eggersdorf Road - Ormeau**

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 34

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 34 - 114 Eggersdorf Road - Ormeau

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'.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 35

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 35 - 114 Eggersdorf Road - Ormeau**

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 allotment between 13/03/24 and 11/04/24.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 36

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING **LOT 36 - 114 Eggersdorf Road - Ormeau**

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 allotment between 13/03/24 and 11/04/24.

Based on the observations made by Australian Soil and Concrete Testing and the test results obtained during construction the structural fill placed on the allotment 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 conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

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Jason Mckenna
Laboratory Manager

ASCT Brisbane South PTY LTD
jason.mckenna@asct.com.au



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14/08/2024

Ref No: 1796_Level 1_114 Eggersdorf Road_Ormeau_Lc 37

SEE Civil Pty Ltd
108 Siganto Drive
Helensvale QLD 4212

CERTIFICATE OF CONTROLLED FILLING

LOT 37 - 114 Eggersdorf Road - Ormeau

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 allotment between 13/03/24 and 11/04/24.

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Full details of the inspection and testing conducted is included in our report Ref No:

1796_Level 1_114 Eggersdorf Road_Ormeau

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

Yours faithfully

Jason Mckenna
Laboratory Manager

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jason.mckenna@asct.com.au