



EARTH TESTING SERVICES

EST 1996

NATA accredited facility to ISO/IEC17025

Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 20' Homestead Crescent

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 20' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 89.45 (front elevation), R.L 89.57 (centre), R.L 89.65 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 89.53 (front elevation), R.L 89.59 (centre), R.L. 89.65 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

1. *Levels taken are in reference to existing surrounding surface levels and relative to the AHD and provided by contractor.*

Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 19' Aravalle Way

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 19' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 89.50 (front elevation), R.L 89.80 (centre), R.L 90.05 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 89.53 (front elevation), R.L 90.07 (centre), R.L. 90.60 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

1. *Levels taken are in reference to existing surrounding surface levels and relative to the AHD and provided by contractor.*

Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 18' Aravalle Way

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 18' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 89.65 (front elevation), R.L 89.80 (centre), R.L 90.00 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 89.59 (front elevation), R.L 90.15 (centre), R.L. 90.66 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

1. *Levels taken are in reference to existing surrounding surface levels and relative to the AHD and provided by contractor.*

Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 17' Aravalle Way

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 17' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 89.50 (front elevation), R.L 90.05 (centre), R.L 90.15 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 89.65 (front elevation), R.L 90.20 (centre), R.L. 90.75 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

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Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 16' Aravalle Way

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 16' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 90.10 (front elevation), R.L 90.15 (centre), R.L 90.40 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 89.90 (front elevation), R.L 90.40 (centre), R.L. 90.85 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- Any topsoil placed after filling is not included in this summary.
- Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.
- Does not imply any satisfaction of environmental requirements.

Note:

1. Levels taken are in reference to existing surrounding surface levels and relative to the AHD and provided by contractor.

Yours faithfully,



George Hatzi
Director.



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 15' Irvine Drive

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 15' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 90.15 (front elevation), R.L 90.40 (centre), R.L 90.50 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 90.07 (front elevation), R.L 90.50 (centre), R.L. 90.95 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
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Note:

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Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 14' Irvine Drive

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 14' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 90.65 (front elevation), R.L 90.50 (centre), R.L 90.55 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 91.12 (front elevation), R.L 91.10 (centre), R.L. 91.10 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

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- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
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Note:

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Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 12' Irvine Drive

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 12' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 90.50 (front elevation), R.L 90.70 (centre), R.L 90.70 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 90.51 (front elevation), R.L 90.92 (centre), R.L. 91.32 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

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Yours faithfully,



**George Hatzi
Director.**



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Allotment Fill Summary

Date: 18.12.23

Client: Civil Allied Technical Construction (CATCON) Pty Ltd
Job Site: Williams Lakes Stage 1A, Gawler Belt, SA 5118
Job No: 23-211
RE: Allotment Fill - 'Lot 11' Talbot Close

Earth Testing Services (ETS) was engaged by 'CATCON Pty Ltd' to undertake site inspection services and testing to comply with the requirements of AS 3798-2007 'Guidelines for Earthworks',

Level 1- Supervision and Certification.

Site Preparation with Works Beginning: ... 21.9.23

The area, 'Lot 11' had all existing topsoil & fill material removed to enable observation and verification of firm 'undisturbed natural ground'.

Post verification (as noted above), the area was compacted, proof rolled and tested to achieve,

Minimum 95% in accordance AS1289 5.1.1 (Standard).

Site Filling:

Post preparation, suitable site won material (Clay –sandy, trace silt) was conditioned (where required), placed and compacted under the supervision of (ETS) to meet the requirements of, AS 3798, 2007 "Guidelines for Earthworks".

Frequency of testing as per Table 8.1.

All Density Tests achieved minimum 95% in accordance AS 1289 5.1.1 (Standard).

Works completed on ... 18.12.23.

Reduced Levels (average) were recorded and noted as follows,

Initial (NS) Level: R.L 90.85 (front elevation), R.L 90.80 (centre), R.L 91.10 (rear elevation) – 'Natural Surface'

Final (Fill) Level: R.L. 91.18 (front elevation), R.L 91.22 (centre), R.L. 91.25 (rear elevation) – 'Bench Level'

*The filling has been deemed "**Controlled Fill**" meeting the requirements of AS 2870, 2011 "Residential Slabs & Footings".

Exclusions:

- *Any topsoil placed after filling is not included in this summary.*
- *Any filling greater than fill levels shown on drawings or outside of defined area is not included in this summary.*
- *Does not imply any satisfaction of environmental requirements.*

Note:

1. *Levels taken are in reference to existing surrounding surface levels and relative to the AHD and provided by contractor.*

Yours faithfully,



**George Hatzi
Director.**