

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1128  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1128 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1128 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1128 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

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Job Number: PTP/09495  
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99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1129  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1129 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1129 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1129 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1130  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1130 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1130 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1130 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1131  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1131 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1131 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1131 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1132  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1132 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1132 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1132 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1133  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1133 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1133 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1133 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1134  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1134 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
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Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1134 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1134 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

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8 December 2022

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1135  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1135 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1135 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1135 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1139  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1139 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1139 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1139 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1140  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1140 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1140 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1140 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

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**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1141  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1141 at the above development to form a working platform to support a future residential building.

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- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1141 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1141 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', with a vertical line extending upwards and a horizontal line extending to the right.

**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1142  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1142 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1142 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1142 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1143  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1143 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1143 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1143 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1144  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1144 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1144 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1144 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1145  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1145 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1145 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1145 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1146  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1146 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1146 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1146 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', written over a horizontal line.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1147  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1147 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1147 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1147 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1148  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1148 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1148 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1148 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1149  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1149 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1149 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1149 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1150  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1150 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
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- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1150 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1150 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1151  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1151 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
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- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1151 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1151 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1152  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1152 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1152 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1152 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', with a vertical line extending upwards and a horizontal line extending to the right.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1202  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1202 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1202 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1202 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1203  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1203 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1203 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1203 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1204  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1204 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1204 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1204 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1205  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1205 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1205 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1205 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1206  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1206 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1206 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1206 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1207  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1207 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1207 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1207 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1208  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1208 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1208 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1208 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1209  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1209 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1209 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1209 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1210  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1210 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1210 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1210 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

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**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1211  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1211 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1211 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1211 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', written over a horizontal line.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1212  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1212 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1212 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1212 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', with a vertical line extending upwards and a horizontal line extending to the right.

**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
Ref No: DL22/003  
Author: N Dobson

8 December 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane, Forest Glen, QLD, 4560

**ATTENTION: Mr Riley Brooks**  
Email: [Riley.Brooks@shadcivil.com.au](mailto:Riley.Brooks@shadcivil.com.au)

Dear Cameron,

**RE: Lot 1201  
Eden's Crossing  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1201 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil Pty Ltd (The Client) between 11th February 2022 and 8th April 2022. We produced a separate Level One Compliance Report for this stage.

This report should be read in conjunction with the following report:

Morrison Geotechnic Level One Compliance Report Ref: DL22/003, Job No. PTP/09495, Eden's Crossing Dated 17th November 2022.

Our Brief from the Client for work during our engagement was limited to:

- Level One Inspection of the placement and compaction of fill materials in accordance with AS3798 2007 – “Guidelines on Earthworks for Commercial and Residential Developments”
- Relative Density Control Testing in accordance with AS1289 – Testing of Soils for Engineering Purposes and at frequencies required in AS3798 Table 8.1.
- Ipswich City Council Specifications.
- Notes on KN Group Earthworks Drawings.

Level One Inspections and Testing was carried out on the stripped ground surfaces and during the placement and compaction of fill materials. Field and laboratory testing included proof roll testing of the stripped surface and compaction testing of the placed fill material.

Compaction testing at the Eden's Crossing, development was carried out at a frequency of 1 test per 500m<sup>3</sup> of placed and compacted fill as specified in AS3798 Table 8.1. Compaction testing was carried out at frequencies representative of the fill volume as a mass. On this basis, compaction testing was not necessarily carried out on each individual Lot.



A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1201 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1201 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

This statement does not include any topsoil, which may have been placed for use as Lot dressing, trench backfill, or any other subsequent earthworks after 8th April 2022.

If there are any queries concerning the above, please do not hesitate to contact this office, or alternatively send to my email at [nick.dobson@protestengineering.com](mailto:nick.dobson@protestengineering.com).

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'N. Dobson', with a vertical line extending upwards and a horizontal line extending to the right.

**NICHOLAS DOBSON**  
For and on Behalf of  
**MORRISON GEOTECHNIC**