

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1153  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1153 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1153 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1153 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1154  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1154 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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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Compaction testing at the Eden's Crossing Estate, 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 1154 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1154 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 7th October 2022.

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

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

Dear Riley,

**RE: Lot 1155  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1155 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 1155 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1155 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1156  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1156 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 1156 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1156 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 Riley,

**RE: Lot 1157  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1157 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 1157 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1157 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 7th October 2022.

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

Yours faithfully,

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**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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Author: N Dobson

10 January 2023

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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1158  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1158 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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- Notes on KN Group Earthworks Drawings.

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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 1158 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1158 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 7th October 2022.

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

Yours faithfully,

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For and on Behalf of

**MORRISON GEOTECHNIC**

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Ref No: DL22/003  
Author: N Dobson

10 January 2023

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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1159  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1159 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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Compaction testing at the Eden's Crossing Estate, 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 1159 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1159 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', written over a horizontal line.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
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Author: N Dobson

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1160  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1160 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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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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 Estate, 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 1160 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1160 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 7th October 2022.

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

Yours faithfully,

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**THOMAS HOSKINS**  
For and on Behalf of  
**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: PTP/09495  
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10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1161  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1161 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 1161 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1161 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 7th October 2022.

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Yours faithfully,

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For and on Behalf of  
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10 January 2023

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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1162**  
**Eden's Crossing Estate**  
**Level One Compliance Report For**  
**Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1162 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 1162 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1162 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 7th October 2022.

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Yours faithfully,

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**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: PTP/09495  
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99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1163  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1163 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 2022. We produced a separate Level One Compliance Report for this stage.

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Compaction testing at the Eden's Crossing Estate, 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 1163 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1163 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', with a vertical line extending upwards and a horizontal line extending to the right.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1164  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1164 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1164 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1164 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**



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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1165  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1165 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1165 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1165 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', written over a light blue horizontal line.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1166  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1166 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1166 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1166 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', with a vertical line extending upwards and a horizontal line extending to the right.

**THOMAS HOSKINS**  
For and on Behalf of  
**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1167  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1167 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1167 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1167 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1168  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1168 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1168 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1168 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 7th October 2022.

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

Yours faithfully,

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**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**



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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1169  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1169 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1169 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1169 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', with a vertical line extending upwards and a horizontal line extending to the right.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1187  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1187 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1187 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1187 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1188  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1188 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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.

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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 1188 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1188 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', written over a horizontal line.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1189  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1189 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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.
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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 Estate, 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 1189 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1189 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', written over a light blue horizontal line.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**



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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1190  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1190 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1190 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1190 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', with a vertical line extending upwards from the top of the 'H'.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1191  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1191 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1191 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1191 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'T. Hoskins', with a vertical line extending upwards and a horizontal line extending to the right.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1192  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1192 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1192 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1192 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1193  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1193 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1193 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1193 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**



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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1194  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1194 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1194 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1194 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1197  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1197 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1197 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1197 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1198  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1198 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1198 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1198 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**

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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1199  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1199 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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 Estate, 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 1199 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1199 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**



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

10 January 2023

Shadforth Civil  
99 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Riley,

**RE: Lot 1200  
Eden's Crossing Estate  
Level One Compliance Report For  
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1200 at the above development to form a working platform to support a future residential building.

Earthworks for our engagement were constructed by Shadforth Civil (The Client) between 12th July 2022 and 7th October 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 Estate Dated 10th January 2023.

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

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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 Estate, 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 1200 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1200 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 7th October 2022.

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

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' with a stylized flourish.

**THOMAS HOSKINS**

For and on Behalf of

**MORRISON GEOTECHNIC**