

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1090  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1090 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 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.
- Logan 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, Stage 23 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 1090 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1090 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 22<sup>nd</sup> 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 from the 'D'.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
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13 September 2022

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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1091  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1091 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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 1091 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1091 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 22<sup>nd</sup> April 2022.

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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1092  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1092 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1092 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1092 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 22<sup>nd</sup> April 2022.

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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1093  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1093 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1093 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1093 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 22<sup>nd</sup> April 2022.

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**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1094  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1094 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1094 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1094 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 22<sup>nd</sup> April 2022.

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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1095  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1095 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1095 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1095 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 22<sup>nd</sup> April 2022.

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For and on Behalf of

**MORRISON GEOTECHNIC**

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Job Number: GL21/358  
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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1096  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1096 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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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Compaction testing at the Eden's Crossing Estate, Stage 23 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 1096 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1096 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 22<sup>nd</sup> April 2022.

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Yours faithfully,



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For and on Behalf of

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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 Sir,

**RE: LOT 1097  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1097 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1097 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1097 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 22<sup>nd</sup> April 2022.

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For and on Behalf of

**MORRISON GEOTECHNIC**



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Job Number: GL21/358  
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Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1098  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1098 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1098 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1098 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 22<sup>nd</sup> April 2022.

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**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1099  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1099 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> April 2022. We produced a separate Level One Compliance Report for this stage.

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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 1099 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1099 can be termed as "Controlled Fill" in accordance with AS 2870-2011 "Residential Slabs and Footings".

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For and on Behalf of

**MORRISON GEOTECHNIC**

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Job Number: GL21/358  
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**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1100  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JULLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1100 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 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.
- Logan 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, Stage 23 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 1100 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1100 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 22<sup>nd</sup> 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,



**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**  
Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1101  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1101 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 2022.

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- Logan 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, Stage 23 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 1101 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1101 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 22<sup>nd</sup> 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 from the 'D'.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1102  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JULLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1102 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 2022.

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

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- Logan 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, Stage 23 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 1102 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1102 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 22<sup>nd</sup> 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 from the 'N'.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1103  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JULLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1103 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 2022.

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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 Estate, Stage 23 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 1103 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1103 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 22<sup>nd</sup> 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 from the 'N'.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1104  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1104 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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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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, Stage 23 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 1104 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1104 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 22<sup>nd</sup> 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,



**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1105  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1105 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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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Compaction testing at the Eden's Crossing Estate, Stage 23 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 1105 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1105 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 22<sup>nd</sup> 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 from the 'D'.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**



Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**

Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1106  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1106 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 2022.

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, Stage 23 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 1106 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1106 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 22<sup>nd</sup> 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 from the 'N' and a horizontal line extending to the right.

**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**

Gold Coast Office  
Job Number: GL21/358  
Ref No: 18251

Author: N Dobson

13 September 2022

Shadforth Civil Pty Ltd  
99 Sandalwood Lane  
Forest Glen Qld 4556

**ATTENTION: MR RILEY BROOKS**  
Email: [riley.brooks@shadcivil.com.au](mailto:riley.brooks@shadcivil.com.au)

Dear Sir,

**RE: LOT 1107  
EDEN'S CROSSING ESTATE, STAGE 23  
MT JUILLERAT DRIVE, REDBANK PLAINS**

Earthworks filling operations were carried out on Lot 1107 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 18<sup>th</sup> November 2021 and 22<sup>nd</sup> 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: 18251, Job No. GL21/358, Eden's Crossing Estate – Stage 23 Dated 7<sup>th</sup> June 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.
- Logan 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, Stage 23 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 1107 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1107 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 22<sup>nd</sup> 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,



**NICHOLAS DOBSON**

For and on Behalf of

**MORRISON GEOTECHNIC**