

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1001
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1001 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1001 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1001 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 31st March 2023.

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.

Yours faithfully,

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

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1002
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1002 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 27th April 2021 and 31st March 2023. 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1002 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1002 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards from the 'S'.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1003
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1003 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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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 1003 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1003 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 31st March 2023.

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Yours faithfully,

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For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1004
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1004 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 27th April 2021 and 31st March 2023. We produced a separate Level One Compliance Report for this stage.

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

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Compaction testing at the Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1004 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1004 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 31st March 2023.

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Yours faithfully,

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For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1005
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1005 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 27th April 2021 and 31st March 2023. 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1005 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1005 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1006
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1006 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 27th April 2021 and 31st March 2023. 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1006 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1006 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1007
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1007 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1007 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1007 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1008
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1008 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1008 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1008 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1009
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1009 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 27th April 2021 and 31st March 2023. 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 1009 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1009 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 31st March 2023.

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1010
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1010 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 27th April 2021 and 31st March 2023. 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 1010 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1010 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 31st March 2023.

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1011
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1011 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 27th April 2021 and 31st March 2023. 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 1011 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1011 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

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1012
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1012 at the above development to form a working platform to support a future residential building.

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- Ipswich City Council Specifications.
- Notes on Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1012 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1012 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 31st March 2023.

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.

Yours faithfully,

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

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1013
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1013 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1013 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1013 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1014
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1014 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1014 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1014 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1015
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1015 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1015 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1015 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1016
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1016 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1016 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1016 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1017
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1017 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1017 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1017 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1018
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1018 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1018 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1018 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1019
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1019 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1019 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1019 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1020
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1020 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1020 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1020 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, 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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1025
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1025 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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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Compaction testing at the Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1025 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1025 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1026
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1026 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 1026 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1026 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 31st March 2023.

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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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1027
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1027 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 1027 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1027 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1028
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1028 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1028 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1028 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1029
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1029 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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

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- 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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Compaction testing at the Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1029 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1029 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1030
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1030 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1030 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1030 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1031
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1031 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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

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- Ipswich City Council Specifications.
- Notes on Colliers Earthworks Drawings.

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Compaction testing at the Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1031 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1031 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards from the 'S'.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1032
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1032 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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

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- Ipswich City Council Specifications.
- Notes on Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1032 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1032 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1033
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1033 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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

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- Notes on Colliers Earthworks Drawings.

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Compaction testing at the Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1033 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1033 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1034
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1034 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1034 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1034 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1035
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1035 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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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- Notes on Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1035 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1035 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1036
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1036 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1036 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1036 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1037
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1037 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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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A marked-up site plan showing the approximate extents of the supervised controlled fill operations is attached.

Fill constructed on Lot 1037 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1037 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1038
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1038 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 2023.

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

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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 1038 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1038 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1039
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1039 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1039 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1039 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 31st March 2023.

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.

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/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1040
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1040 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1040 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1040 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1041
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1041 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1041 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1041 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1042
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1042 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1042 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1042 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 31st March 2023.

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.

Yours faithfully,

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THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC

Gold Coast Office
Job Number: PTP/11174
Ref No: DL21/121
Author: T Hoskins

2 May 2023

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

ATTENTION: Mr Michael Coleman
Email: michael.coleman@shadcivil.com.au

Dear Michael,

**RE: Lot 1043
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1043 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 27th April 2021 and 31st March 2023. 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: DL21/121, Job No. PTP/11174, Ripley Valley Dated 26th April 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 Colliers 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 Ripley Valley, development was carried out at a frequency of 1 test per 500m³ 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 1043 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1043 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 31st March 2023.

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.

Yours faithfully,

A handwritten signature in blue ink, appearing to be 'THOS' or similar, with a vertical line extending upwards from the 'S'.

THOMAS HOSKINS

For and on Behalf of

MORRISON GEOTECHNIC