

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

2 May 2023

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

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

Dear Michael,

**RE: Lot 1301
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1301 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 1301 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1301 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
183 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1302
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1302 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 1302 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1302 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
184 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1303
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1303 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 1303 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1303 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
185 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1304
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1304 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 1304 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1304 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
186 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1305
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1305 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 1305 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1305 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
187 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1306
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1306 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 1306 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1306 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
188 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1307
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1307 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 1307 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1307 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
189 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1308
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1308 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 1308 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1308 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
190 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1309
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1309 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 1309 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1309 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
191 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1310
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1310 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 1310 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1310 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
192 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1311
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1311 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 1311 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1311 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
193 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1312
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1312 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.
- 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 1312 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1312 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
194 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1313
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1313 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 1313 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1313 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
195 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1314
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1314 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 1314 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1314 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
196 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1323
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1323 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 1323 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1323 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
197 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1324
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1324 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 1324 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1324 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
198 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1325
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1325 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 1325 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1325 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
199 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1326
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1326 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 1326 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1326 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
200 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1327
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1327 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 1327 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1327 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
201 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1328
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1328 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 1328 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1328 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
202 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1329
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1329 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 1329 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1329 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
203 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1330
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1330 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 1330 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1330 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
204 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1331
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1331 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 1331 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1331 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
205 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1332
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1332 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 1332 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1332 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
206 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1333
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1333 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 1333 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1333 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
207 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1334
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1334 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 1334 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1334 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
208 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1335
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1335 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 1335 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1335 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
209 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1336
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1336 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 1336 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1336 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
210 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1337
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1337 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 1337 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1337 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
211 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1338
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1338 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 1338 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1338 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
212 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1339
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1339 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 1339 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1339 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
213 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1340
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1340 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 1340 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1340 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
214 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1341
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1341 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 1341 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1341 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
215 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1342
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1342 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 1342 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1342 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
216 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1343
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1343 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 1343 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1343 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
217 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1344
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1344 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 1344 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1344 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
218 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1345
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1345 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 1345 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1345 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
219 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1346
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1346 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 1346 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1346 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
220 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1347
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1347 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 1347 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1347 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
221 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1348
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1348 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 1348 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1348 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
222 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1349
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1349 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 1349 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1349 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
223 Sandalwood Lane, Forest Glen, QLD, 4556

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

Dear Michael,

**RE: Lot 1350
Ripley Valley Stage 9, 10 & 13
Level One Compliance Report For
Earthworks Fill Construction**

Earthworks filling operations were carried out on Lot 1350 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 1350 has been observed to be placed and compacted in accordance with the Brief. The fill placed during our engagement on Lot 1350 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