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## FILL CERTIFICATE

PROJECT: Lot No 501 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_501

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 501, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 502 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_502

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 502, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 503 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_503

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 503, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 504 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_504

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 504, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 505 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_505

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 505, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown', is written over a light blue horizontal line.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 506 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_506

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 506, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown', is written over a light blue horizontal line.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 507 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_507

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 507, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 508 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_508

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 508, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown





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## FILL CERTIFICATE

PROJECT: Lot No 509 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_509

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 509, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown', is written over a light blue horizontal line.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 510 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_510

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 510, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 511 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_511

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 511, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 512 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_512

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 512, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 513 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_513

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 513, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 514 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_514

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 514, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 515 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_515

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 515, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 516 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_516

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 516, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown', is written over a light blue horizontal line.

Griffin Brown





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## FILL CERTIFICATE

PROJECT: Lot No 517 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_517

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 517, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown', is written over a light blue horizontal line.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 518 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_518

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 518, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 519 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_519

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 519, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 520 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_520

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 520, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 521 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_521

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 521, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown



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## FILL CERTIFICATE

PROJECT: Lot No 523 (as per Drawing No 8584 E/5)  
Rothwell Estate (Stage 5), Truganina

CLIENT: Rokon Pty Ltd  
1 / 75 River Street  
RICHMOND VIC 3121

REPORT NO: 17036\_523

DATE: 24/01/17

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### SUMMARY

Civil Geotechnical Services were engaged by Rokon Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of the Rothwell Estate (Stage 5), Truganina, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

A site inspection was conducted prior to any fill being placed on the allotments. On the completion of the earthworks and after examining the materials used, we are of the opinion that the filling procedure conducted by Rokon Pty Ltd during the construction of the estate satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

With respect to Lot 523, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Rokon Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 8<sup>th</sup> November 2016.

A handwritten signature in black ink, appearing to read 'Griffin Brown'.

Griffin Brown