

## FILL CERTIFICATE

PROJECT: Lot No 1801 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1801

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1801 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1802 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1802

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1802 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1803 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1803

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1803 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1804 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1804

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1804 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1805 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1805

DATE: 29/08/16

### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1805 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1806 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1806

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1806 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1807 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1807

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1807 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1808 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1808

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1808 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1809 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1809

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1809 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1810 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1810

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1810 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1811 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1811

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1811 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1812 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1812

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1812 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1813 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1813

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1813 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1823 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1823

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1823 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1824 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1824

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1824 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1829 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1829

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1829 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1830 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1830

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1830 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1831 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1831

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1831 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1832 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1832

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1832 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1833 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1833

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1833 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1834 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1834

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1834 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1835 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1835

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1835 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1836 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1836

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1836 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1837 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1837

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1837 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1838 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1838

DATE: 29/08/16

### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1838 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1839 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1839

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1839 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1840 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1840

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1840 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1841 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1841

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1841 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1842 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1842

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1842 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1843 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1843

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1843 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1844 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1844

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1844 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1845 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1845

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1845 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1846 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1846

DATE: 29/08/16

### SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1846 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1847 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1847

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1847 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



## FILL CERTIFICATE

PROJECT: Lot No 1848 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1848

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1848 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



### FILL CERTIFICATE

PROJECT: Lot No 1849 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1849

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1849 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1850 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1850

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1850 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1851 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1851

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1851 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1852 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1852

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1852 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1853 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1853

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1853 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1854 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1854

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1854 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1855 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1855

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1855 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1856 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1856

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1856 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1857 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1857

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1857 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



#### FILL CERTIFICATE

PROJECT: Lot No 1858 (as per Drawing No 102419-18 C100 & C101)

Aston Estate (Stage 18), Craigieburn

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 16024\_1858

DATE: 29/08/16

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 1858 of Aston Estate (Stage 18), Craigieburn, 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 Lot. On the completion of earthworks and after examining the test results and the materials used, we are of the opinion that the filling procedure conducted by Winslow Constructors Pty Ltd satisfied the requirements of AS 3798 in regard to the placement of fill on a Type 1/2 Project under Level 1 Supervision.

Accordingly, 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 Winslow Constructors 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 5<sup>th</sup> April 2016.

Griffin Brown



# CIVIL GEOTECHNICAL SERVICES ABN 26 474 013 724

# PO Box 678 Croydon Vic 3136 Telephone: 9723 0744 Facsimile: 9723 0799

16<sup>th</sup> January 2017

Our Reference: 16024:GB100

Winslow Constructors Pty Ltd 50 Barry Road CAMPBELLFIELD VIC 3061

Dear Sirs,

RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING ASTON ESTATE – STAGE 18, CRAIGIEBURN

Please find attached our Report Nos 16024/R001 to 16024/R006 that relate to the field density testing that was conducted within the filled allotments at the above subdivision. The level 1 inspections and associated field density testing commenced in late January 2016 and was completed in early April 2016.

The inspections and testing of the earthworks was undertaken in general accordance with the Level 1 requirements of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments.

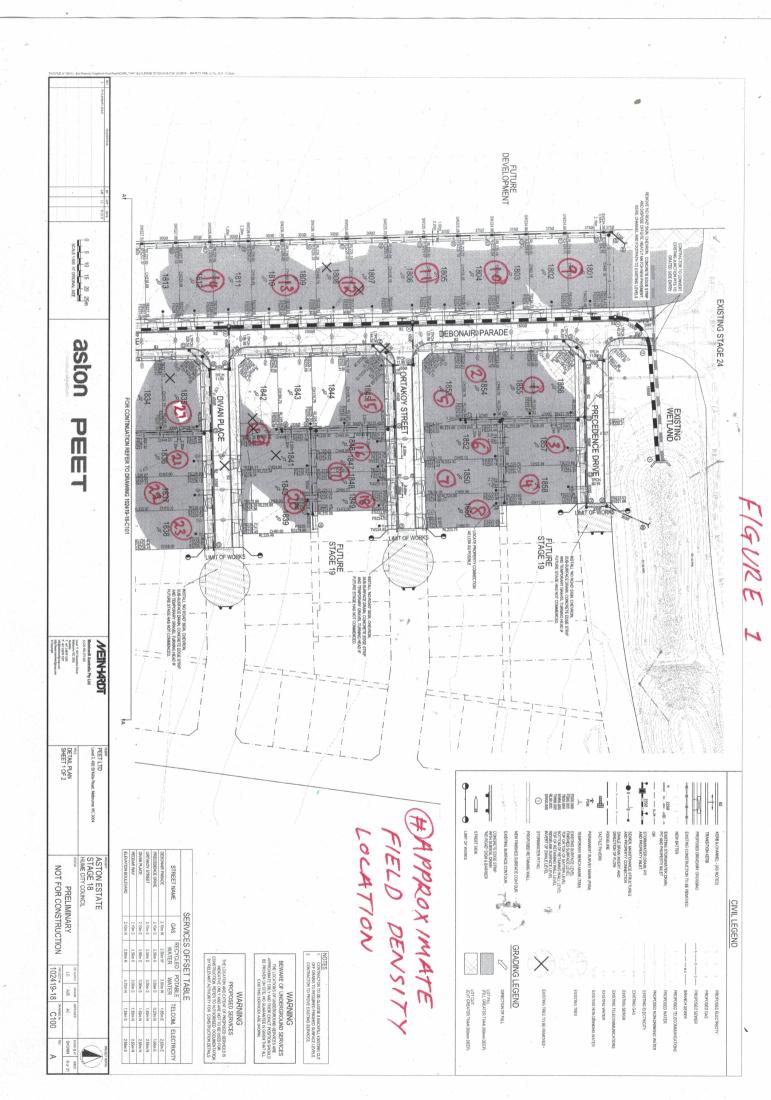
The site inspection and testing was performed by experienced geotechnicians from this office. Any areas that were deemed unsatisfactory were reworked and retested under their supervision. The testing was performed to the relevant Australian Standards and the accompanying test reports carry NATA endorsement. The attached compaction results, which were located randomly throughout the fill profile, are considered to be representative of the bulk fill materials that were placed across the reported allotments by Winslow Constructors during the aforementioned period. The approximate locations of the field density tests can be seen on the attached plan (Figure 1).

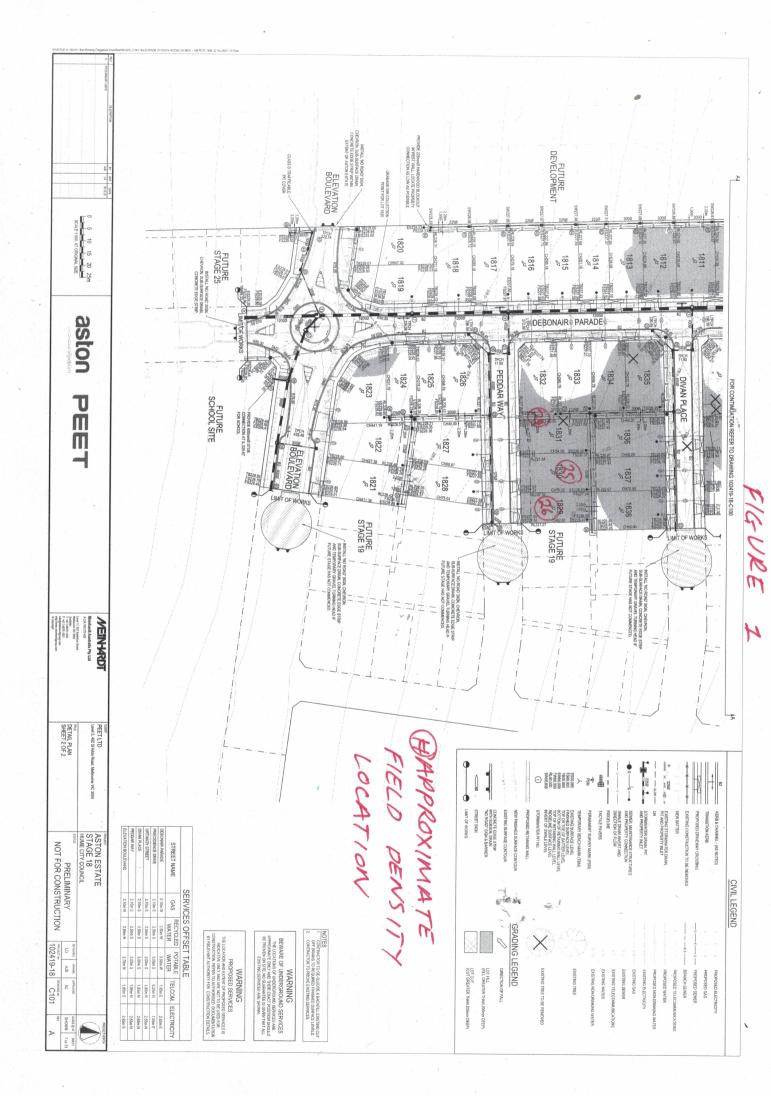
We are of the view that the bulk fill materials that have been placed across the reported allotments by Winslow Constructors during the aforementioned period can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

Griffin Brown







 CIVIL GEOTECHNICAL SERVICES
 Job No
 16024

 6 - 8 Rose Avenue, Croydon 3136
 Report No
 16024/R001

 Date Issued
 28/01/16

ClientWINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)Tested byZMProjectASTON - STAGE 18Date tested21/01/16LocationCRAIGIEBURNChecked byJHF

Feature EARTHWORKS Layer thickness 200 mm Time: 10:40

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		1	2	3	4	5	6
		REFER TO FIGURE 1					
Approximate depth below FSL							
Measurement depth	mm	175	175	175	175	175	175
Field wet density	t/m³	1.92	1.96	1.88	1.90	2.01	1.98
Field moisture content	%	18.6	20.9	20.8	26.7	19.4	16.9

Test procedure AS 1289.5.7.1

Test No		1	2	3	4	5	6
Compactive effort			•	Stan	dard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	0	0	0	5
Peak Converted Wet Density	t/m³	1.94	1.93	1.87	1.95	2.04	2.07
Adjusted Peak Converted Wet Density	t/m³		-	-	-	-	2.08
Optimum Moisture Content	%	21.0	23.0	23.0	24.5	19.5	19.0

Moisture Variation From	2.5%	2.0%	2.5%	2.0%	0.0%	2.0%
Optimum Moisture Content	dry	dry	dry	wet		dry

Density Ratio (R <sub>HD</sub> ) %	99.0	101.5	101.0	97.5	98.5	95.5	
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Material description

No 1 - 6 Clay Fill



Approved Signatory: Justin Fry



Job No 16024 CIVIL GEOTECHNICAL SERVICES Report No 16024/R002 Date Issued 6 - 8 Rose Avenue, Croydon 3136 15/04/16 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by NB Project **ASTON - STAGE 18** Date tested 04/04/16 Location **CRAIGIEBURN** Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 11:00

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		7	8	9	-	-	-
		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	1.87	1.90	1.92	-	-	-
Field moisture content	%	22.2	15.7	14.2	-	-	-

Test procedure AS 1289.5.7.1

Test No		7	8	9	-	-	-
Compactive effort				Stan	dard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-	-
Percent of oversize material	wet	0	0	0	-	-	-
Peak Converted Wet Density	t/m³	1.87	1.88	1.89	-	-	-
Adjusted Peak Converted Wet Density	t/m³	1	-	-	-	-	-
Optimum Moisture Content	%	24.0	18.0	16.0	-	-	-

Moisture Variation From	2.0%	2.5%	2.0%	-	-	-
Optimum Moisture Content	dry	dry	dry			

Density Ratio (R <sub>HD</sub> )	%	100.0	101.0	101.5	-	-	-

Material description

No 7 - 9 Clay Fill



Approved Signatory: Justin Fry



Job No 16024 CIVIL GEOTECHNICAL SERVICES Report No 16024/R003 Date Issued 6 - 8 Rose Avenue, Croydon 3136 18/04/16 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD) Client Tested by NB Project **ASTON - STAGE 18** Date tested 05/04/16 Location **CRAIGIEBURN** Checked by JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 10:05

<b>T</b> , ,	40	40000		4 0	1
Test procedure	AS	1289.2.	7.	7 &	5.8.1

Test No		10	11	12	-	-	-
		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	1.88	2.00	1.95	•	-	-
Field moisture content	%	12.8	10.1	10.7	-	-	-

Test procedure AS 1289.5.7.1

Test No		10	11	12	-	-	-	
Compactive effort		Standard						
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-	-	
Percent of oversize material	wet	1	0	0	-	-	-	
Peak Converted Wet Density	t/m³	1.93	1.96	1.97	-	-	-	
Adjusted Peak Converted Wet Density	t/m³	1.96	-	-	-	-	-	
Optimum Moisture Content	%	14.5	12.0	12.5	-	-	-	

Moisture Variation From	2.0%	2.0%	2.0%	-	-	-
Optimum Moisture Content	dry	dry	dry			

Density Ratio (R <sub>HD</sub> )	%	96.0	102.0	99.0	-	-	_

# Material description

No 10 - 12 Clay Fill



Approved Signatory: Justin Fry



 CIVIL GEOTECHNICAL SERVICES
 Job No
 16024

 6 - 8 Rose Avenue, Croydon 3136
 Report No
 16024/R004

 Date Issued
 18/04/16

 Client
 WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)
 Tested by
 NB

 Project
 ASTON - STAGE 18
 Date tested
 05/04/16

 Location
 CRAIGIEBURN
 Checked by
 JHF

Feature EARTHWORKS Layer thickness 200 mm Time: 10:03

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		13	14	15	16	17	18
		REFER TO FIGURE 1					
Approximate depth below FSL							
Measurement depth	mm	175	175	175	175	175	175
Field wet density	t/m³	1.87	1.98	1.88	1.87	1.98	1.87
Field moisture content	%	14.2	12.7	17.1	14.3	13.3	15.1

Test procedure AS 1289.5.7.1

Test No		13	14	15	16	17	18
Compactive effort				Stan	dard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	2	0	0	0
Peak Converted Wet Density	t/m³	1.93	1.98	1.90	1.89	1.93	1.92
Adjusted Peak Converted Wet Density	t/m³	-	-	1.93	-	-	-
Optimum Moisture Content	%	15.5	15.0	19.5	16.5	15.0	17.0

Moisture Variation From	1.5%	2.0%	2.5%	2.0%	2.0%	2.0%
Optimum Moisture Content	dry	dry	dry	dry	dry	dry

Density Ratio (R <sub>HD</sub> ) %	97.5	100.0	97.5	99.0	103.0	97.5	
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Material description

No 13 - 18 Clay Fill



Approved Signatory: Justin Fry



 CIVIL GEOTECHNICAL SERVICES
 Job No
 16024

 6 - 8 Rose Avenue, Croydon 3136
 Report No
 16024/R005

 Date Issued
 18/04/16

ClientWINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)Tested byNBProjectASTON - STAGE 18Date tested06/04/16LocationCRAIGIEBURNChecked byJHF

Feature EARTHWORKS Layer thickness 200 mm Time: 13:22

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		19	20	21	22	23	24
		REFER TO FIGURE 1					
Approximate depth below FSL							
Measurement depth	mm	175	175	175	175	175	175
Field wet density	t/m³	1.84	1.95	1.92	1.89	1.94	1.92
Field moisture content	%	15.2	13.7	17.6	14.3	14.3	14.6

Test procedure AS 1289.5.7.1

Test No		19	20	21	22	23	24
Compactive effort				Star	ndard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	wet	0	0	2	0	0	0
Peak Converted Wet Density	t/m³	1.93	1.98	1.90	1.89	1.93	1.92
Adjusted Peak Converted Wet Density	t/m³	-	-	1.93	-	-	-
Optimum Moisture Content	%	15.5	15.0	19.5	16.5	15.0	17.0

Moisture Variation From	0.5%	1.0%	2.0%	2.0%	1.0%	2.5%
Optimum Moisture Content	dry	dry	dry	dry	dry	dry

Density Ratio (R <sub>HD</sub> )	%	95.5	98.5	99.0	100.0	100.5	100.0

Material description

No 19 - 24 Clay Fill



Approved Signatory : Justin Fry



 CIVIL GEOTECHNICAL SERVICES
 Job No
 16024

 6 - 8 Rose Avenue, Croydon 3136
 Report No
 16024/R006

 Date Issued
 18/04/16

ClientWINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)Tested byNBProjectASTON - STAGE 18Date tested06/04/16LocationCRAIGIEBURNChecked byJHF

Feature EARTHWORKS Layer thickness 200 mm Time: 13:48

Test procedure	4.5	1289 2	1	1 &	581	1
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Test No		25	26	27			
		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1			
Approximate depth below FSL							
Measurement depth	mm	175	175	175	-	-	-
Field wet density	t/m³	1.89	1.94	1.90	-	-	-
Field moisture content	%	14.2	12.7	18.6		-	-

# Test procedure AS 1289.5.7.1

Test No		25	26	27			
Compactive effort				Star	dard		
Oversize rock retained on sieve	mm	19.0	19.0	19.0	-	-	-
Percent of oversize material	wet	0	0	2	-	-	-
Peak Converted Wet Density	t/m³	1.93	1.98	1.90	-	-	-
Adjusted Peak Converted Wet Density	t/m³	-	-	1.93	-	-	-
Optimum Moisture Content	%	15.5	15.0	19.5	-	-	-

Moisture Variation From	1.5%	2.0%	1.0%	-	-	-
Optimum Moisture Content	dry	dry	dry			

Density Ratio (R <sub>HD</sub> )	%	98.0	98.0	98.5	-	-	-

Material description

No 25 - 27 Clay Fill



Approved Signatory : Justin Fry