

#### FILL CERTIFICATE

PROJECT: Lot No 201 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 201

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 201 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



#### FILL CERTIFICATE

PROJECT: Lot No 202 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 202

DATE: 22 March 2018

## **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 202 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 203 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 203

DATE: 22 March 2018

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 203 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 204 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 204

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 204 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 205 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 205

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 205 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 206 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 206

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 206 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 207 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 207

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 207 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 208 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 208

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 208 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 209 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 209

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 209 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 210 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 210

DATE: 22 March 2018

# **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 210 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 211 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 211

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 211 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 212 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_212

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 212 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 213 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_213

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 213 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 214 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 214

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 214 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 215 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_215

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 215 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 216 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 216

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 216 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 217 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_217

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 217 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 218 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 218

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 218 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 219 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 219

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 219 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 234 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_234

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 234 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 235 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_235

DATE: 22 March 2018

## **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 235 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### **FILL CERTIFICATE**

PROJECT: Lot No 236 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003 236

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 236 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 237 (as per Drawing No 114652-02 C100)

Grace Estate (Stage 2), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18003\_237

DATE: 22 March 2018

#### **SUMMARY**

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with the construction of Lot 237 of the Grace Estate (Stage 2), Tarneit in a manner which would satisfy the criteria for Level 1 testing and inspection services 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 areas of fill placement.

A site inspection was conducted prior to any fill being placed on the Lot. On the completion of the 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 the Level 1 criteria specified in AS 3798 in regard to the placement of fill on a Type 1/2 Project.

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential slabs and footings (2011), we are of the view that the bulk fill materials that were placed over this Lot by Winslow Constructors Pty Ltd can be considered as having been placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort). As such, the bulk fill materials would be deemed to be controlled fill that complies with Clause 1.8.13 of AS 2870. Hence, re-classification of the site to account for the fill presence is permitted under Clause 2.5.3 (c) of AS 2870.

#### **LIMITATIONS**

The use of this Certificate is only appropriate for the field conditions present up to 16 February 2018.

Nick Brock