

# FILL CERTIFICATE

PROJECT: Lot No 801 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 801

DATE: 28 October 2019

### **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 801 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 802 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 802

DATE: 28 October 2019

### **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 802 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 803 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 803

DATE: 28 October 2019

### **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 803 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 804 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 804

DATE: 28 October 2019

### **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 804 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 805 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 805

DATE: 28 October 2019

### **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 805 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 806 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 806

DATE: 28 October 2019

### **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 806 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 807 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 807

DATE: 28 October 2019

### **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 807 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 808 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 808

DATE: 28 October 2019

### **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 808 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 809 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 809

DATE: 28 October 2019

### **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 809 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 811 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 811

DATE: 28 October 2019

### **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 811 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 812 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 812

DATE: 28 October 2019

### **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 812 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 813 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 813

DATE: 28 October 2019

### **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 813 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 814 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 814

DATE: 28 October 2019

### **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 814 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 829 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 829

DATE: 28 October 2019

### **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 829 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 830 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 830

DATE: 28 October 2019

### **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 830 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 831 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 831

DATE: 28 October 2019

### **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 831 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 832 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 832

DATE: 28 October 2019

### **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 832 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 833 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 833

DATE: 28 October 2019

### **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 833 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 834 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 834

DATE: 28 October 2019

### **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 834 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 835 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 835

DATE: 28 October 2019

### **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 835 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 836 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 836

DATE: 28 October 2019

### **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 836 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 837 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 837

DATE: 28 October 2019

### **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 837 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 838 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 838

DATE: 28 October 2019

### **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 838 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 839 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 839

DATE: 28 October 2019

### **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 839 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 840 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 840

DATE: 28 October 2019

### **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 840 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 841 (as per Drawing No 12332-8-E-110)

Emerald Park Estate (Stage 8), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 18760 841

DATE: 28 October 2019

### **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 841 of the Emerald Park Estate (Stage 8), 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 23 October 2019.

Nick Brock