

# FILL CERTIFICATE

PROJECT: Lot No 1201 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1201

DATE: 11 November 2020

### **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 1201 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1202 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1202

DATE: 11 November 2020

### **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 1202 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1203 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1203

DATE: 11 November 2020

### **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 1203 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1204 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1204

DATE: 11 November 2020

### **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 1204 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1205 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1205

DATE: 11 November 2020

### **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 1205 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1206 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1206

DATE: 11 November 2020

### **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 1206 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1207 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1207

DATE: 11 November 2020

### **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 1207 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1208 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1208

DATE: 11 November 2020

### **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 1208 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1209 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1209

DATE: 11 November 2020

### **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 1209 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1210 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1210

DATE: 11 November 2020

### **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 1210 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1211 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1211

DATE: 11 November 2020

### **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 1211 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1212 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1212

DATE: 11 November 2020

### **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 1212 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



### FILL CERTIFICATE

PROJECT: Lot No 1213 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1213

DATE: 11 November 2020

### **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 1213 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1214 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1214

DATE: 11 November 2020

### **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 1214 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1215 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1215

DATE: 11 November 2020

### **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 1215 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1216 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1216

DATE: 11 November 2020

### **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 1216 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1217 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1217

DATE: 11 November 2020

### **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 1217 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1218 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1218

DATE: 11 November 2020

### **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 1218 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1219 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1219

DATE: 11 November 2020

### **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 1219 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1220 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1220

DATE: 11 November 2020

### **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 1220 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1221 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1221

DATE: 11 November 2020

### **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 1221 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1222 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1222

DATE: 11 November 2020

### **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 1222 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1223 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1223

DATE: 11 November 2020

### **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 1223 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock



# FILL CERTIFICATE

PROJECT: Lot No 1224 (as per Drawing No 12332-12-E-106)

Emerald Park Estate (Stage 12), Tarneit

CLIENT: Winslow Constructors Pty Ltd

50 Barry Road

CAMPBELLFIELD VIC 3061

REPORT NO: 20158 1224

DATE: 11 November 2020

### **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 1224 of the Emerald Park Estate (Stage 12), Sunbury 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 10 July 2020.

Nick Brock