CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
PO Box 678 Croydon Vic 3136
Telephone: 9723 0744 Facsimile: 9723 0799

15th April 2016

Our Reference: 16173:DK152

Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

Dear Sirs,

RE: LEVEL 1 EARTHWORKS INSPECTION AND TESTING
ASTON ESTATE (STAGE 24) – CRAIGIEBURN

Please find attached our Report Nos 16173/R001 to 16173/R002 that relate to the field density testing that was conducted within the filled allotments at the above subdivision. The level 1 inspections and associated field density testing was performed in mid April 2016.

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

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

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

Please contact the undersigned if you require any additional information.

Civil Geotechnical Services

Dino Kondzic

FIGURE 1

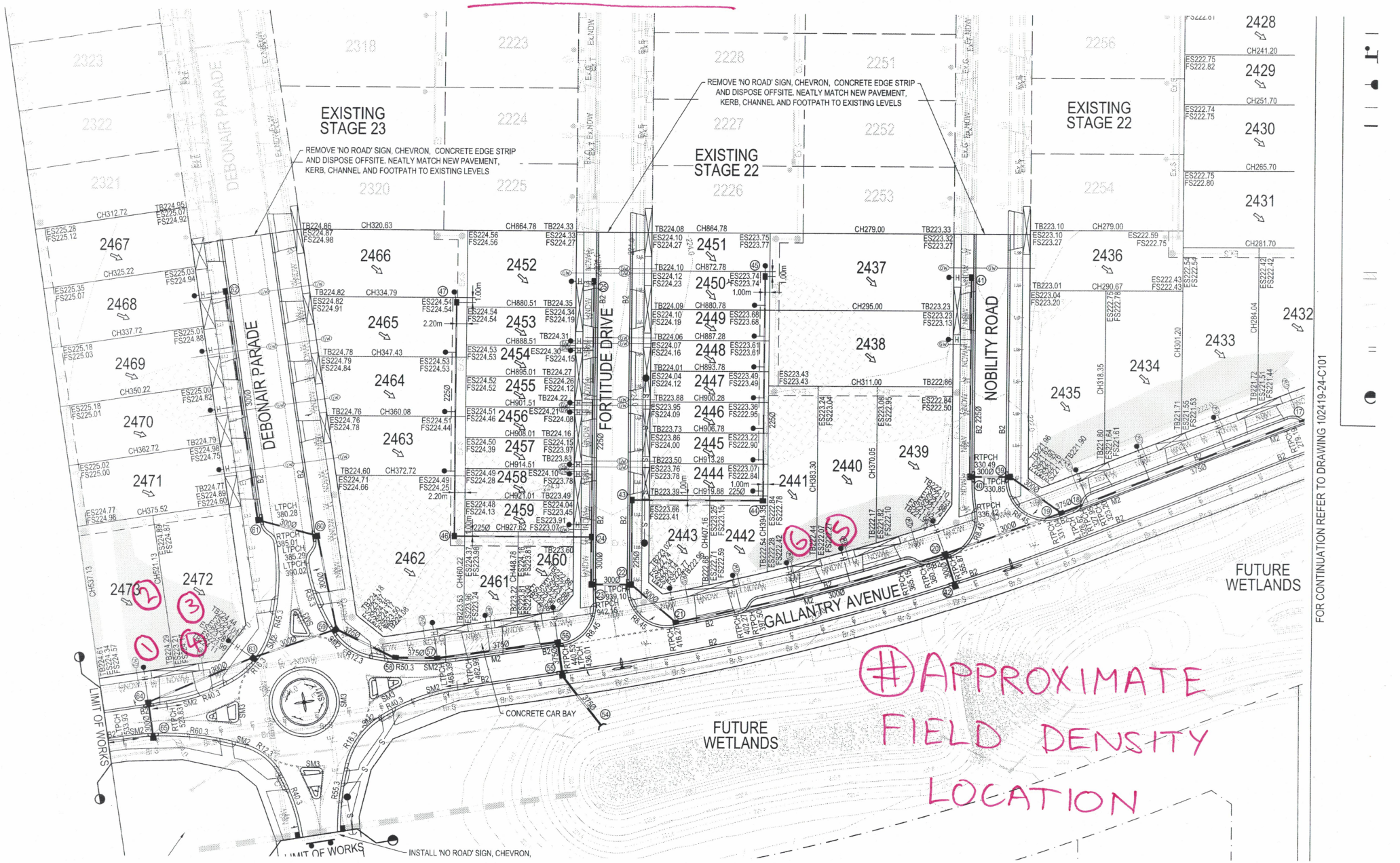
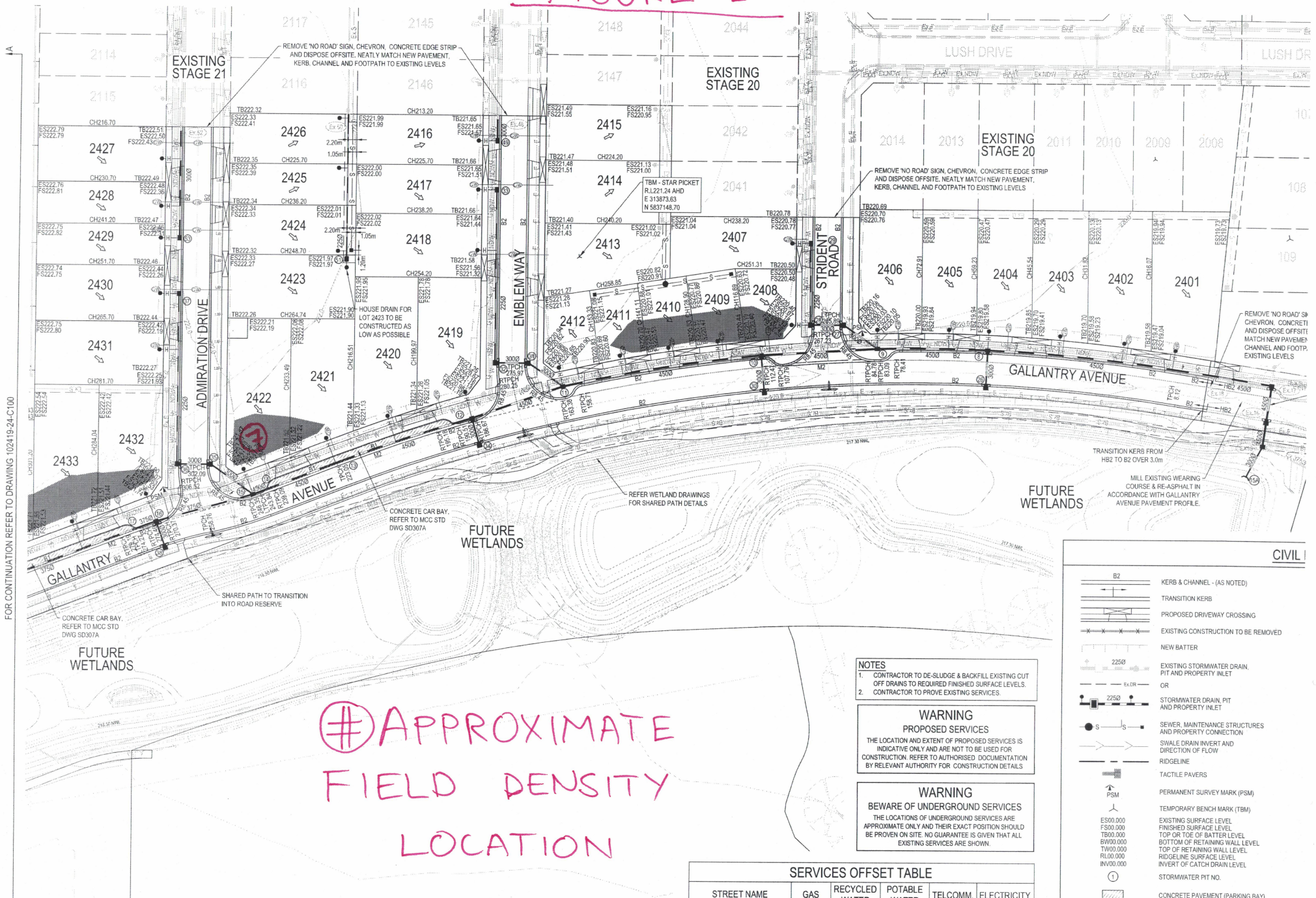

EXISTING STAGE 23
EXISTING STAGE 22
EXISTING STAGE 22
REMOVE 'NO ROAD' SIGN, CHEVRON, CONCRETE EDGE STRIP AND DISPOSE OFFSITE. NEATLY MATCH NEW PAVEMENT, KERB, CHANNEL AND FOOTPATH TO EXISTING LEVELS
REMOVE 'NO ROAD' SIGN, CHEVRON, CONCRETE EDGE STRIP AND DISPOSE OFFSITE. NEATLY MATCH NEW PAVEMENT, KERB, CHANNEL AND FOOTPATH TO EXISTING LEVELS
DEBONAIR PARADE
FORTITUDE DRIVE
NOBILITY ROAD
GALLANTRY AVENUE
FUTURE WETLANDS
FUTURE WETLANDS
CONCRETE CAR BAY
LIMIT OF WORKS
LIMIT OF WORKS
INSTALL 'NO ROAD' SIGN, CHEVRON,
FOR CONTINUATION REFER TO DRAWING 102419-24-C101
#APPROXIMATE FIELD DENSITY LOCATION

FIGURE 1



#APPROXIMATE FIELD DENSITY LOCATION

NOTES

1. CONTRACTOR TO DE-SLUDGE & BACKFILL EXISTING CUT OFF DRAINS TO REQUIRED FINISHED SURFACE LEVELS.
2. CONTRACTOR TO PROVE EXISTING SERVICES.

WARNING

PROPOSED SERVICES

THE LOCATION AND EXTENT OF PROPOSED SERVICES IS INDICATIVE ONLY AND ARE NOT TO BE USED FOR CONSTRUCTION. REFER TO AUTHORISED DOCUMENTATION BY RELEVANT AUTHORITY FOR CONSTRUCTION DETAILS

WARNING

BEWARE OF UNDERGROUND SERVICES

THE LOCATIONS OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

SERVICES OFFSET TABLE

STREET NAME	GAS	RECYCLED WATER	POTABLE WATER	TELCOMM.	ELECTRICITY

CIVIL

- B2 — KERB & CHANNEL - (AS NOTED)
- TRANSITION KERB
- PROPOSED DRIVEWAY CROSSING
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW BATTER
- 225Ø — EXISTING STORMWATER DRAIN, PIT AND PROPERTY INLET
- Ex.DR — OR
- 225Ø — STORMWATER DRAIN, PIT AND PROPERTY INLET
- S — SEWER, MAINTENANCE STRUCTURES AND PROPERTY CONNECTION
- SWALE DRAIN INVERT AND DIRECTION OF FLOW
- RIDGELINE
- TACTILE PAVERS
- PSM — PERMANENT SURVEY MARK (PSM)
- TEMPORARY BENCH MARK (TBM)
- ES00.000 — EXISTING SURFACE LEVEL
- FS00.000 — FINISHED SURFACE LEVEL
- TB00.000 — TOP OR TOE OF BATTER LEVEL
- BW00.000 — BOTTOM OF RETAINING WALL LEVEL
- TW00.000 — TOP OF RETAINING WALL LEVEL
- RL00.000 — RIDGELINE SURFACE LEVEL
- INV00.000 — INVERT OF CATCH DRAIN LEVEL
- 1 — STORMWATER PIT NO.
- CONCRETE PAVEMENT (PARKING BAY)

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

		Job No	16173
		Report No	16173/R001
		Date Issued	15/04/16
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	ZM
Project	ASTON - STAGE 24	*Date tested*	13/04/16
Location	CRAIGIEBURN	*Checked by*	JHF

Feature **EARTHWORKS** *Layer thickness* 200 mm *Time:* 08:10

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**1**	**2**	**3**	**4**	**5**	**6**
		REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1	REFER TO FIGURE 1
Approximate depth below FSL							
Measurement depth	*mm*	175	175	175	175	175	175
Field wet density	*t/m³*	1.88	1.85	1.88	1.84	1.92	1.96
Field moisture content	*%*	13.5	16.7	21.1	20.6	12.1	11.8

Test procedure AS 1289.5.7.1

Test No		1	2	3	4	5	6
Compactive effort		Standard					
Oversize rock retained on sieve	*mm*	19.0	19.0	19.0	19.0	19.0	19.0
Percent of oversize material	*wet*	0	0	0	0	0	0
Peak Converted Wet Density	*t/m³*	1.96	1.94	1.87	1.93	1.99	2.06
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	15.5	18.5	23.0	23.0	14.0	13.0

Moisture Variation From Optimum Moisture Content		2.0% dry	2.0% dry	2.0% dry	2.5% dry	2.0% dry	1.5% dry
Density Ratio (R_{HD})	*%*	**96.0**	**95.5**	**100.5**	**95.5**	**96.5**	**95.5**

Material description

No 1 - 6 Clay Fill

Approved Signatory : Justin Fry

COMPACTION ASSESSMENT

CIVIL GEOTECHNICAL SERVICES

6 - 8 Rose Avenue, Croydon 3136

		Job No	16173
		Report No	16173/R002
		Date Issued	15/04/16
Client	WINSLOW CONSTRUCTORS PTY LTD (CAMPBELLFIELD)	*Tested by*	ZM
Project	ASTON - STAGE 24	*Date tested*	13/04/16
Location	CRAIGIEBURN	*Checked by*	JHF

Feature	**EARTHWORKS**	*Layer thickness*	200 mm	*Time:*	09:04

Test procedure AS 1289.2.1.1 & 5.8.1

Test No		**7**	**-**	**-**	**-**	**-**	**-**
		REFER TO FIGURE 1					
Approximate depth below FSL							
Measurement depth	*mm*	175	-	-	-	-	-
Field wet density	*t/m³*	1.82	-	-	-	-	-
Field moisture content	*%*	18.2	-	-	-	-	-

Test procedure AS 1289.5.7.1

Test No		7	-	-	-	-	-
Compactive effort		Standard					
Oversize rock retained on sieve	*mm*	19.0	-	-	-	-	-
Percent of oversize material	*wet*	0	-	-	-	-	-
Peak Converted Wet Density	*t/m³*	1.91	-	-	-	-	-
Adjusted Peak Converted Wet Density	*t/m³*	-	-	-	-	-	-
Optimum Moisture Content	*%*	19.5	-	-	-	-	-

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

Density Ratio (R_{HD})	***%***	**95.5**	**-**	**-**	**-**	**-**	**-**

Material description

No 7 - 7 Clay Fill

Approved Signatory : Justin Fry

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2408 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2408

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2408, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2409 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2409

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2409, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2410 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2410

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2410, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2411 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2411

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2411, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2421 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2421

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2421, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2422 (as per Drawing No 102419-24 C101 04)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2422

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2422 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2432 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2432

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2432, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2433 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2433

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2433, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2434 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2434

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2434, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2435 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2435

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2435, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2439 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2439

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2439 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2440 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2440

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2440 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2441 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2441

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2441 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2442 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2442

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2442, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2471 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2471

DATE: 15/04/16

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 the Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

With respect to Lot 2471, the depth of fill materials that were placed during the current construction phase (excluding top soiling activities) was less than 0.3 metres. As a consequence of the limited depth of fill materials, field density testing was not considered warranted. However, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2472 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2472

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2472 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic

CIVIL GEOTECHNICAL SERVICES
ABN 26 474 013 724
6-8 ROSE AVENUE, CROYDON 3136
(PO BOX 678 CROYDON 3136)
TELEPHONE + 61 3 9723 0744
FACSIMILE + 61 3 9723 0799
EMAIL dino.civilgeotech@gmail.com

FILL CERTIFICATE

PROJECT: Lot No 2473 (as per Drawing No 102419-24 C100 A)
Aston Estate (Stage 24), Craigieburn

CLIENT: Winslow Constructors Pty Ltd
50 Barry Road
CAMPBELLFIELD VIC 3061

REPORT NO: 16173_2473

DATE: 15/04/16

SUMMARY

Civil Geotechnical Services were engaged by Winslow Constructors Pty Ltd to provide inspection and testing services on the earthworks associated with Lot 2473 of Aston Estate (Stage 24), Craigieburn, in a manner which would satisfy the criteria for Level 1 Supervision as specified in Section 8.2 of AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments - 2007. The project was classified as Type 1/2 requiring a minimum density ratio of 95.0% (standard compactive effort) within the area of fill placement.

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

Accordingly, when classifying the site in accordance with the procedures presented in Section 2 of AS 2870 – Residential Slabs and Footings – Construction (2011), we are of the view that the bulk fill materials that were placed on this Lot by Winslow Constructors Pty Ltd can be considered as being placed in a controlled manner to a minimum density ratio of 95% (standard compactive effort).

LIMITATIONS

The use of this Certificate is only appropriate for the field conditions present up to 13th April 2016.

Dino Kondzic