



Soil Surveys Engineering Pty Limited
Specialists in Applied Geotechnics
A.B.N. 70 054 043 631

www.soilsurveys.com.au

Principals

PJ Dixon
NT Perkins
MV Geale
GEJ Gray
CP Johnson

BE(Hons) RPEQ
BAppSc(AppGeol) BEng(Hons1) RPEQ
BEng(Civil) MBA CPEng MIE Aust RPEQ
BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2071
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2071
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2071 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

Celebrating over 40 years in Geotechnics

Ph +617 3369 6000 Fax +617 3369 6660
PO Box 317, Milton, QLD, 4064, Australia
info@soilsurveys.com.au
Brisbane, Level 2, 19 Finchley Street, Milton, QLD, 4064
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SOIL SURVEYS ENGINEERING PTY LIMITED
 A.C.N. 054 043 631
 Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2072
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2072
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2072 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2124
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2124
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2124 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2125
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2125
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2125 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2126
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2126
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2126 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2127
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2127
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2127 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2128
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2128
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2128 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2129
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2129
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2129 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2130
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2130
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2130 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2131
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2131
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2131 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Checked CS	Client:	Villawood Developments		



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2132
Author: Curtis Skinner

15 May 2017

Villawood Developments
Country Club Drive
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**RE: CONTROLLED FILLING – LOT 2132
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2132 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

Celebrating over 40 years in Geotechnics

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info@soilsurveys.com.au
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SOIL SURVEYS ENGINEERING PTY LIMITED
 A.C.N. 054 043 631
 Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



Soil Surveys Engineering Pty Limited
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NT Perkins
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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2144
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2144
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2144 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2145
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2145
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2145 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2146
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2146
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2146 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Job No: 214-11753
Ref: Controlled Filling - Lot 2147
Author: Curtis Skinner

16 May 2017

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Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2147
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2147 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2148
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2148
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2148 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2149
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2149
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2149 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2150
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2150
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2150 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2151
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2151
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2151 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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Job No: 214-11753
Ref: Controlled Filling - Lot 2152
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2152
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2152 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

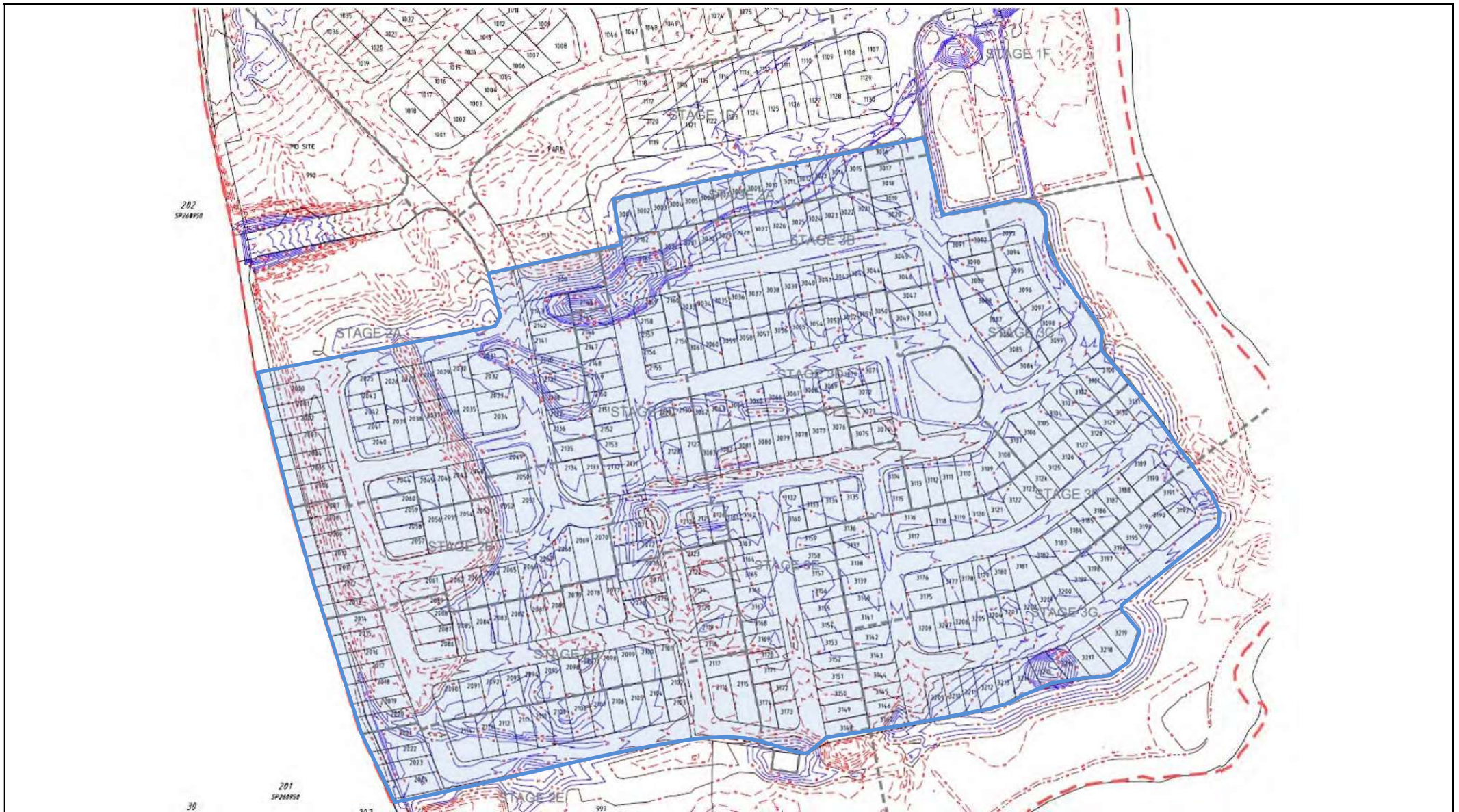
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Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2153
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2153
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2153 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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SOIL SURVEYS ENGINEERING PTY LIMITED
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 Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2154
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2154
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2154 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2155
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2155
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2155 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2156
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2156
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2156 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Job No: 214-11753
Ref: Controlled Filling - Lot 2157
Author: Curtis Skinner

16 May 2017

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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2157
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2157 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
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Job No: 214-11753
Ref: Controlled Filling - Lot 2158
Author: Curtis Skinner

16 May 2017

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Country Club Drive
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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2158
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 “Guidelines on earthworks for commercial and residential developments”. Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2158 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be “controlled fill” in accordance with AS 2870 “Residential Slabs and Footings” (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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Attached: Drawing Showing Location of Lot

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Job No: 214-11753
Ref: Controlled Filling - Lot 2159
Author: Curtis Skinner

16 May 2017

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Country Club Drive
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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2159
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2159 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Job No: 214-11753
Ref: Controlled Filling - Lot 2160
Author: Curtis Skinner

16 May 2017

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Country Club Drive
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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2160
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2160 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/site classification and foundation design should be carried out by suitably qualified and experienced personnel for the proposed residential construction.

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2161
Author: Curtis Skinner

16 May 2017

Villawood Developments
Country Club Drive
Helensvale QLD 4212
Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2161
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2161 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

Unless otherwise stated, this earthworks assessment does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing Showing Location of Lot

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Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-03	A4
Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		



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Gold Coast Office

Job No: 214-11753
Ref: Controlled Filling - Lot 2162
Author: Curtis Skinner

16 May 2017

Villawood Developments
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Email: michaelw@villawoodproperties.com

**RE: CONTROLLED FILLING – LOT 2162
THE SURROUNDS – STAGE TWO – 2A – 2E**

Fill was placed on this lot during the construction of this estate.

Soil Surveys Engineering Pty Ltd was commissioned on this project to provide earthworks inspection and testing services in general accordance with AS 3798-2007 "Guidelines on earthworks for commercial and residential developments". Full details of the inspection and testing program are provided in the Soil Surveys Engineering report (ref 2-11753, 2017-05-04, BR VER 1).

Based on the inspection and testing services carried out by Soils Surveys Engineering Pty Limited, it is considered that the fill placed at Lot 2162 of The Surrounds – Stage Two – as shown on all attached plans, has been carried out in a responsible manner and in accordance with table 5.1.1 AS 3798 and the project specifications.

All fill in the areas defined in the attached lot location plan, within the time frame of our inspection and testing program between 16/08/2016 and 12/05/2017 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "controlled fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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SOIL SURVEYS ENGINEERING PTY LIMITED

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Date May 2017	Location:	Stage Two (A-E) and Three (A-G), The Surrounds		
Checked CS	Client:	Villawood Developments		