



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling Lot 1161
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1161 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1161 of The Surrounds – Stage One – 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 on the attached lot location plan, within the time frame of our inspection and testing programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-01	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1162
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1162 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1162 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



<div></div> <div>SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers</div>								
Drawn BI	Project:	Certification Of Earthwork		Drawing No. 2-11753-02	A4			
Date December 2016	Location:	Stage One, The Surrounds						
Checked CS	Client:	Villawood Developments						



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1163
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1163 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1163 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1164
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1164
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1164 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers	Project: Certification Of Earthwork		Drawing No. 2-11753-02	A4
	Date December 2016	Location: Stage One, The Surrounds		
	Checked CS	Client: Villawood Developments		



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1165
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1165 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1165 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER




P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				
Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-02	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1166
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1166 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1166 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1167
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1167
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1167 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1168
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1168 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1168 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork		Drawing No. 2-11753-02	A4
	Date December 2016	Location:	Stage One, The Surrounds		
	Checked CS	Client:	Villawood Developments		



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1169
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1169 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1169 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1170
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1170
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1170 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER




P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				
Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-02	A4
Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments		



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1171
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1171
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1171 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No. 2-11753-02 A4
	Client:	Villawood Developments	



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1172
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1172 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1172 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers	Project: Certification Of Earthwork		Drawing No.	A4
	Date December 2016	Location: Stage One, The Surrounds		
	Checked CS	Client: Villawood Developments	2-11753-02	



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1173
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1173 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1173 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No. A4
	Client:	Villawood Developments	2-11753-02



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1174
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1174 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1174 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1175
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1175 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1175 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No. 2-11753-02 A4
	Client:	Villawood Developments	



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1176
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1176 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1176 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				Drawing No. 2-11753-02		A4
Drawn BI	Project:	Certification Of Earthwork				
Date December 2016	Location:	Stage One, The Surrounds				
Checked CS	Client:	Villawood Developments				



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1177
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1177
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1177 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				Drawing No. 2-11753-02		A4
Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork				
	Location:	Stage One, The Surrounds				
	Client:	Villawood Developments				



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1178
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1178 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1178 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER




P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				Drawing No. 2-11753-02		A4
Drawn BI	Project:	Certification Of Earthwork				
Date December 2016	Location:	Stage One, The Surrounds				
Checked CS	Client:	Villawood Developments				



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1179
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1179 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1179 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers		Project: Certification Of Earthwork		Drawing No. 2-11753-02	A4
Drawn BI	Date December 2016	Location:	Stage One, The Surrounds		
Checked CS	Client:	Villawood Developments			



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1180
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1180
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1180 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No. 2-11753-02 A4
	Client:	Villawood Developments	



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1181
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1181 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1181 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



<div></div> <div>SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers</div>								
Drawn BI	Project:	Certification Of Earthwork			Drawing No. 2-11753-02	A4		
Date December 2016	Location:	Stage One, The Surrounds						
Checked CS	Client:	Villawood Developments						



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1182
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1182 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1182 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	
	Client:	Villawood Developments	
Drawing No.		2-11753-02	
A4			



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753

Ref: Certificate Of Controlled Filling - Lot 1183

Author: Curtis Skinner

16th December, 2016

Villawood Developments

Country Club Drive

Helensvale QLD 4212

Email: michaelw@villawoodproperties.com

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1183 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1183 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



<div></div> <div>SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers</div>								
Drawn BI	Project:	Certification Of Earthwork	Drawing No. 2-11753-02		A4			
Date December 2016	Location:	Stage One, The Surrounds						
Checked CS	Client:	Villawood Developments						



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1184
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1184 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1184 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	Drawing No. 2-11753-02 A4
	Client:	Villawood Developments	



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1185
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1185 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1185 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1186
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1186 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1186 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI	Project:	Certification Of Earthwork		Drawing No. 2-11753-02	A4
	Date December 2016	Location:	Stage One, The Surrounds		
	Checked CS	Client:	Villawood Developments		



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

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ
Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1187
Author: Curtis Skinner

16th December, 2016

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

**RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1187
THE SURROUNDS – STAGE ONE – 1A - 1F
CERTIFICATION OF EARTHWORKS**

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1187 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



SOIL SURVEYS ENGINEERING PTY LIMITED
A.C.N. 054 043 631
Consulting Geotechnical Engineers

Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork	
	Location:	Stage One, The Surrounds	
	Client:	Villawood Developments	
		Drawing No.	A4
		2-11753-02	



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1188
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1188 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1188 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot



 SOIL SURVEYS ENGINEERING PTY LIMITED A.C.N. 054 043 631 Consulting Geotechnical Engineers				Drawing No. 2-11753-02		A4
Drawn BI Date December 2016 Checked CS	Project:	Certification Of Earthwork				
	Location:	Stage One, The Surrounds				
	Client:	Villawood Developments				



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

www.soilsurveys.com.au

Directors	
PJ Dixon	BE(Hons) RPEQ
NT Perkins	BAppSC(AppGeol) BEng(Hons1) RPEQ
MV Geale	BEng(Civil) MBA CPEng MIE Aust RPEQ
GEJ Gray	
P Elkington	BE(Civil) MIE Aust RPEQ

Associates	
CP Johnson	BEng(Civil) RPEQ

Gold Coast Office

Job No: 214-11753
Ref: Certificate Of Controlled Filling - Lot 1189
Author: Curtis Skinner

16th December, 2016

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

RE: CERTIFICATE OF CONTROLLED FILLING – LOT 1189 THE SURROUNDS – STAGE ONE – 1A - 1F CERTIFICATION OF EARTHWORKS

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 on a Level 1 basis as detailed in clause 8.2 of 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, 2016-10-28, BR VER 1).

Soils Surveys Engineering Pty Limited certify that the fill placed in Lot 1189 of The Surrounds – Stage One – 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 programme between 16/05/2016 and 24/06/2016 (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, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

A full geotechnical site investigation/classification and foundation design for the specific ground conditions should be carried out by suitably qualified and experienced personnel, prior to building when the house type and location is known. This service can be provided if required, by contacting Soil Surveys Engineering on (07) 5500 0465.

Celebrating over 40 years in Geotechnics

Brisbane, Level 2, 19 Finchley Street, Milton QLD, PO Box 317, Paddington, QLD, 4064, Australia
Ph +617 3369 6000, Fax +617 3369 6660, brisbane@soilsurveys.com.au

Gold Coast, Unit 8, 140 Millaroo Drive, Helensvale, QLD, PO Box 3429, Helensvale, QLD, 4212, Australia
Ph +617 5500 0465, Fax +617 5500 0462, goldcoast@soilsurveys.com.au

Yours faithfully,



C SKINNER



P.J DIXON (RPEQ 4150)

for and on behalf of

SOIL SURVEYS ENGINEERING PTY LIMITED

Attached: Drawing showing location of lot

