

FORM CQA/CF/09G

7 January 2010  
Job No. CQA/09/291

Brown Consulting (Qld) Pty Ltd  
PO Box 10349  
Adelaide Street  
BRISBANE QLD 4001

**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1200 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1200 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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**CIVIL  
QUALITY  
ASSURANCE**  
(QLD) PTY LTD

ABN 52 058 855 431

GEOTECHNICAL  
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ENVIRONMENTAL  
CONSULTANTS

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**PO BOX 370  
LAWNTON, QLD, 4501**

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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1201 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1201 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1202 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1202 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1203 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1203 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1204 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1204 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1205 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1205 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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for and on behalf of  
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"SERVING  
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Brown Consulting (Qld) Pty Ltd  
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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1206 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1206 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

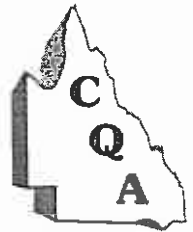
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**D WILSON**  
for and on behalf of  
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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1207 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1207 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**RE: CERTIFICATE OF CONTROLLED FILLING:  
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**LOT NO. 1208 (STAGE 117)**

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

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Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1208 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

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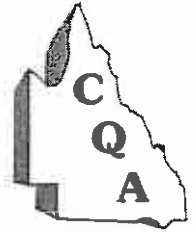
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ABN 52 058 855 431

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FORM CQA/CF/09G

7 January 2010  
Job No. CQA/09/291

Brown Consulting (Qld) Pty Ltd  
PO Box 10349  
Adelaide Street  
BRISBANE QLD 4001

**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1209 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1209 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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7 January 2010  
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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1218 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1218 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

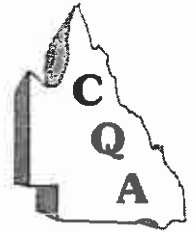
Unless otherwise stated, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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Brown Consulting (Qld) Pty Ltd  
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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1219 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1219 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1220 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1220 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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BRISBANE QLD 4001

**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1221 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1221 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

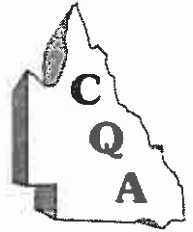
Unless otherwise stated, Level 1 certification does not address any other geotechnical issues which may be relevant to building construction and serviceability.

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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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7 January 2010  
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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1222 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1222 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

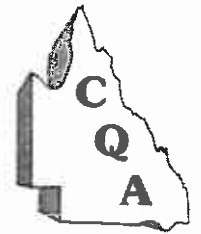
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**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1223 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1223 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1224 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1224 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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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**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

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**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1225 (STAGE 117)**

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

Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1225 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

Enc. Drawing showing lateral extent of controlled filling  
dw0002ab.doc



**CIVIL  
QUALITY  
ASSURANCE**  
(QLD) PTY LTD  
ABN 52 058 855 431

GEOTECHNICAL  
AND  
ENVIRONMENTAL  
CONSULTANTS

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"SERVING  
QUEENSLAND  
SINCE 1993"

FORM CQA/CF/09G

7 January 2010  
Job No. CQA/09/291

Brown Consulting (Qld) Pty Ltd  
PO Box 10349  
Adelaide Street  
BRISBANE QLD 4001

**RE: CERTIFICATE OF CONTROLLED FILLING:  
WARNER LAKES ESTATE, STAGES 116 & 117 – BULK EARTHWORKS**

**LOT NO. 1226 (STAGE 117)**

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


Civil Quality Assurance (Qld) Pty Ltd (CQA) 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 CQA report (form CQA/CF/10), Job No. CQA/09/291 dated 07/01/10.

Based on the test results and site inspections, CQA concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 1226 (Stage 117) as defined laterally in the attached drawing is considered to comply with the requirements of Table 5.1 of AS 3798 and the project specification.

All fill in the areas defined in the attached drawing, placed within the time frame of our inspection and testing programme between 15/09/09 and 27/11/09 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 Civil Quality Assurance (Qld.) Pty. Ltd. on 3881 3511.



**D WILSON**  
for and on behalf of  
**CIVIL QUALITY ASSURANCE (Q) P/L**

Enc. Drawing showing lateral extent of controlled filling  
dw0002ab.doc



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