

10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 840

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 840 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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 SGS Australia Pty Ltd on 3481 9444.

Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

encl. Drawing showing lateral extent of controlled filling

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 841

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 841 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 842

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 842 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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SGS AUSTRALIA PTY LTD

Gavin Kosanovic

Project Leader

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Sam Jeyan RPEQ 13339

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 843

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 843 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Project Leader

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 844

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 844 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 845

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 845 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gavin Kosanovic

Project Leader

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 846

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 846 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 847

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 847 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 848

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 848 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 849

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 849 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 850

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 850 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gavin Kosanovic

Project Leader

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 860

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 860 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Gavin Kosanovic

Project Leader

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 861

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 861 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Project Leader

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 862

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 862 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 863

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 863 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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 SGS Australia Pty Ltd on 3481 9444.

Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic

Project Leader

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Sam Jeyan RPEQ 13339

encl. Drawing showing lateral extent of controlled filling

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 864

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 864 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 865

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 865 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 866

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 866 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 867

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 867 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic

Project Leader

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Sam Jeyan RPEQ 13339

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 868

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 868 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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 SGS Australia Pty Ltd on 3481 9444.

Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 869

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 869 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader** SGSL-18-051-LC-10.01.2019.docx Sam Jevan

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 870

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 870 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (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.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 871

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 871 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic

Project Leader

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Sam Jeyan RPEQ 13339

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 872

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 872 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

encl. Drawing showing lateral extent of controlled filling

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

RE: CERTIFICATE OF CONTROLLED FILLING

LOCATION: RIVERBANK STAGE 7B

LOT NO. 873

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 873 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic

Project Leader

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Sam Jeyan RPEQ 13339

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 874

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 874 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 875

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 875 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

Gavin Kosanovic **Project Leader** SGSL-18-051-LC-10.01.2019.docx Sam Jevan

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10 January 2019 Project No. SGS/18/051

NARIC CIVIL

CERTIFICATE OF CONTROLLED FILLING RE:

LOCATION: **RIVERBANK STAGE 7B**

LOT NO. 876

Fill was placed on the above allotment during the construction of the above mentioned estate, and during the construction of Riverbank Southern Precinct.

SGS Australia 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 SGS Australia Pty Ltd report (Project No. SGS/18/051 dated 10/01/2019.

Based on the test results and site inspections, SGS Australia Pty Ltd concludes that the fill foundation to a depth of not less than 150mm and placement of compacted fill on Lot 876 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, within the time frame of our inspection and testing programme between 10/08/2017 and 20/11/2018 (excluding topsoil placed subsequent to completion of controlled filling) is considered to be "Controlled Fill" in accordance with AS 2870 "Residential Slabs and Footings" (Clause 6.4.2 (a)) and AS 3798.

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Yours faithfully,

SGS AUSTRALIA PTY LTD

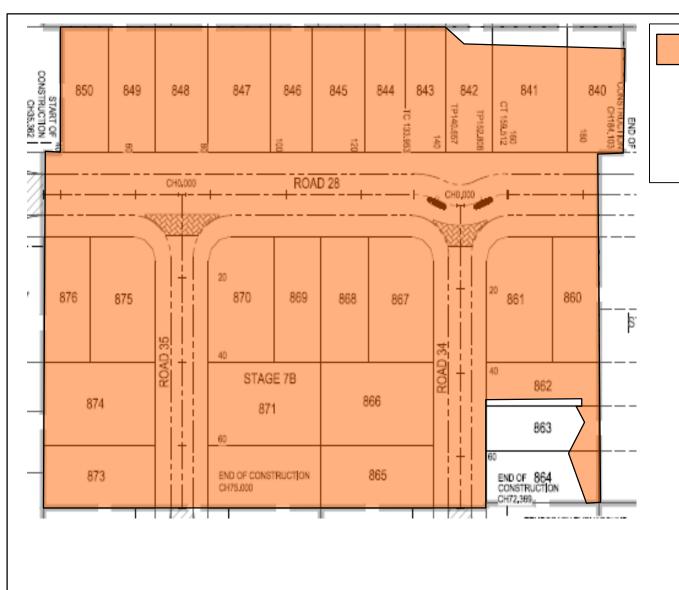
Gavin Kosanovic **Project Leader**

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Sam Jevan **RPEQ 13339**

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SGS Australia Pty Ltd ABN 44 000 964 278 Approximate lateral extent of Level 1 fill (controlled filling).

Controlled fill certification is limited to within this area. Unless specifically stated in the report, level 1 compaction control and certification does not address or include:

- backfill to service trenches and/or retaining walls (including boulder walls); and
- topsoil placed subsequent to completion of controlled filling.



SGS

1/18 Leanne Crescent, Lawnton QLD 4501

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+61 (7) 3881 3511 f +61 (7	') 3881 3513	www.au.sgs.com				

TITLE			DRAWING NO.		
Level 1 Filling			SGS/18/051		
JOB LOCATION	Riverbank Stage 7B	Scale Not Shown		ot Shown	
CLIENT	Naric Civil	09/01/19	DRAWN GK	SIZE A4	