

Ref: SRE/819/NM/21

18th June 2021

Attn: MR. HIEU NGUYEN

592 Pittwater Road
NORTH MANLY, NSW

Dear Mr. Hieu Nguyen

RE: PRELIMINARY GEOTECHNICAL ASSESSMENT FOR PROPOSED ADDITIONS & ALTERATIONS AT 592 PITTWATER ROAD, NORTH MANLY NSW 2100 - PRELIMINARY GEOTECHNICAL REPORT

Further to the email received on the 8th of June 2021, Soilsrock Engineering was commissioned to carry a preliminary geotechnical assessment of the site conditions and give recommendations regarding the proposed development above.

1. INTRODUCTION

The current report describes the geotechnical assessment carried following the requirements of the Northern Beach Council - Warringah, according with Clause E10 of the Warringah Development Control Plan (DCP 2011), and the Warringah Local Environmental Plan 2011 (LEP 2011) Map which identifies the Landslip Risk Classes as per **Table 1** below.

Table 1 – LANDSLIP RISK CLASSES A TO E

Thick Box	LANDSLIP RISK CLASS (thick box indicates Landslip Risk Class of Property)
<input checked="" type="checkbox"/>	A Geotechnical Report not normally required
<input checked="" type="checkbox"/>	B Preliminary assessment of site conditions required to determine whether a geotechnical report is required.
<input type="checkbox"/>	C Geotechnical Report required
<input type="checkbox"/>	D Preliminary assessment of site conditions required to determine whether a geotechnical report required
<input type="checkbox"/>	E Geotechnical Report required

The site inspection was carried on 12th June 2021 to access existing site conditions. No detailed drawings from the proposed development were supplied at that time. Details of the existing site conditions are shown on the Survey Drawing for DA Submission prepared by C & A

SURVEYORS, "DETAIL & IDENTIFICATION SURVEY OF LOT B IN DP 17385, LOCATED AT No. 592, PITTWATER ROAD, NORTH MANLY", Reference.14280-20, dated 10/06/2020 which are part of the DA submission.

2. SITE LOCATION

The subject site is situated at 592 Pittwater Road, North Manly NSW, surrounded by the residential properties such as 594 Pittwater Road at North side, bounded by 1 Robert Ave to the East side, 590 Pittwater Road to the South and delimited at the frontal face by Pittwater Road to the West.

3. PROPOSED DEVELOPMENT

The development proposed to change the existing garage into a living area and construction of a new carport which at the present date is already carried out and located at the south of the site.

4. EXISTING SITE DESCRIPTION

The subject site is known as Lot: B, DP17385, 592 Pittwater Road, North Manly NSW, which is in a trapezoidal shape with approximately 562.80m² in total site area, the subject site comprises a one storey brick house surrounded by paling fence, bounding the residence from nearby neighbours. The existing dwelling is a one-storey brick residential house in good condition for its age. From the analyses of Sydney 1:100 000 Geological Map, it is indicated the site is underlain by Hawkesbury Sandstone which is described as medium to coarse-grained quartz sandstone, very minor shale, and laminate lenses.

The site is slightly slopping down from East to West with approximately 0° to 5° from the beginning of the property to the backyard area. No evidence of important cracks and/or settlements were observed, no evidence of slope instability was identified at the time of the inspection.

5. CONCLUSIONS

According with the Warringah Landslip Risk Map, the site is located partially within the Areas A (Slope less than 5 degrees) and B (Flanking Slopes from 5 to 25 degrees). Sites located within area B a preliminary geotechnical Report is required (according with the Clause E10 of Warringah DCP 2011).

Further to the analyses of the Council Checklist Flowchart attached on the **Appendix 1** and on this preliminary assessment, the proposed alterations and addition, it is considered to be satisfactory from a geotechnical and landslip perspective subject to the application of good engineering practice. No further detailed geotechnical report is required.

Please do not hesitate to contact the undersigned if you have any questions regarding this letter report or if you require further assistance.

Yours faithfully,
For and on behalf of
Soilsrock Engineering Pty Ltd



Jorge Cabaco

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Principal Geotechnical Engineer

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Appendix 1 – Checklist Flow Chart for Council's Assessment of Site Conditions and Need for Geotechnical Report in Landslip Risk Classes B and D

APPENDIX 1

CHECKLIST FLOW CHART FOR COUNCIL'S ASSESSMENT OF SITE CONDITIONS AND NEED FOR GEOTECHNICAL REPORT IN LANDSLIP RISK CLASSES B AND D

