

Ref: SRE/1205/BG/23

28th December 2023

Attn: Mr. Richard Mann

U1 6 Jackson Street,
Balgowlah, NSW 2093

Dear Richard,

**RE: PRELIMINARY GEOTECHNICAL ASSESSMENT FOR PROPOSED DEVELOPMENT AT
U1 6 JACKSON STREET, BALGOWLAH NSW 2093 - PRELIMINARY GEOTECHNICAL
ASSESSMENT**

Further to the email received on the 21st of December 202, 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 present report describes the geotechnical assessment carried following the requirements of Northern Beach Council - Warringah, according with Clause E10 of Warringah Development Control Plan (DCP 2011), 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 type="checkbox"/>	A Geotechnical Report not normally required
<input 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

Accordingly with the Manly Development Control Plan (MDCP 2013) and Manly LEP 2013 Map indicates that the site it's not located within a landslide risk area.

However, as requested by the Council, a site geotechnical inspection and a geotechnical preliminary assessment was undertaken to determine whether a full Geotechnical Report is required.

The site inspection was carried on 22nd of December 2023 to access existing site conditions. Details of the proposed development are shown on the architectural drawings prepared by “Connect Drafting” Rev. A dated 22 June 2023, which are part of the DA submission.

- Drawing Sheet 1 of 4 - “SITE PLAN ANALYSES”
- Drawing Sheet 2 of 4 - “FLOOR PLAN/SECTION”
- Drawing Sheet 3 of 4 - “ELEVATIONS”
- Drawing Sheet 4 of 4 “ELEVATIONS-2”

2. SITE LOCATION

The subject site is situated in U1 6 Jackson Street, Balgowlah, surrounded by houses No. 8 and 2 Jackson Street to its North and South, 151A, 151 and 149 Condamine Street to the East and 5 and 7 Jackson Street to the West.

3. PROPOSED DEVELOPMENT

The development proposes to construct and install a proposed reduced pergola partially above the existing balcony, located on the level 3 of the building.

4. EXISTING SITE DESCRIPTION

The subject site is in a rectangular shape with approximately 841.63m² in total site area.

The residential dwelling is an existing three-storey brick house in good conditions for its age. The house is located on a slope, the East side down slope has trees and grass area considerable away from the house. All whole property area is a stabilised ground covered by trees and grass.

From the analyses of Sydney 1:100 000 Geological Map, it is indicated the site is underlain by medium to coarse-grained quartz sandstone, (Rh) which can be described as very minor shale and laminate lenses.

The site is slopping down from West to East, no evidence of important cracks and/or settlements were observed, no evidence of slope instability was identified at the time of the inspection and no

geotechnical hazards that could impact on the subject property were observed on the surrounding neighbouring properties by external cursory visual inspection.

5. RECOMENDATIONS

Further to the analyses of the Council Checklist Flowchart attached on the **Appendix 1** and on this preliminary assessment, for the proposed pergola addition partially to the existing balcony, it is 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

BEng MEng MIEAust CPEng RPEQ NER

Principal Geotechnical Engineer

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CHARTERED ENGINEER | NER NATIONAL ENGINEERS REGISTRATION No. 3789414

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

