

**Date:** 26 June 2023  
**No. Pages:** 2  
**Project No.:** 2019-150.1

Development Officer  
Northern Beaches Council.

**Geotechnical Assessment for Development Application for alterations and additions to existing dwelling at No. 190 Barrenjoey Road, Newport**

We understand the client would like to submit a Development Application for the site, 190 Barrenjoey Road, Newport, for alterations and additions to the existing structure. Previously approved alterations and additions have been recently completed and were reviewed and approved by CGC to meet the Council's Geotechnical Risk Management Policy requirements.

For the new DA we have reviewed the following documents:

1. Geotechnical Report titled "Risk Analysis & Management for proposed new garage and entrance at 190 Barrenjoey Road, Newport", Project No.: MS3132IC Jack Hodgson Consultants PTY LTD, Dated.: 29/03/2018
2. Coastal Assessment by Horton Costal Engineering Pty Ltd, Coastal Engineering Advice on 190 Barrenjoey Road, Newport, Reference: Irj0157, Dated: 28 March 2018.
3. "Geotechnical Assessment and Design recommendations for Stormwater Management plan for 190 Barrenjoey Road, Newport" by Crozier Geotechnical Consultants, Project No.: 2019-150, Dated: 9<sup>th</sup> January 2020
4. Architectural Design Drawings by A Studio Architecture, Project No.: 2107, Drawing No.: DA-0.0, DA1.1 to DA1.3, DA2.1 to DA2.3, DA-3.1 to DA3.2; Issue: a; Dated: 29/05/2023

It is understood that the proposed alterations and additions involve extending the existing glass roof between the existing garage and house structures, with the roof extending to the south and entirely supported by existing structures. A new pergola and privacy screen are also proposed to the existing suspended deck at the rear north-east corner of the block.

The proposed works are considered separate from and not affected by a geotechnical hazard, with all previously completed structures considered designed and constructed to provide the required "Acceptable" risk management criteria for the design life of the development, as per the Councils Geotechnical Risk Management Policy for Pittwater - 2009.

All new proposed works are additions to the existing structures and involve no further excavation, fill or geotechnical component, therefore further geotechnical reporting is not required. Form 1 of Councils policy is supplied with this letter.

We trust the above comments meet Council's requirements, if we can be of further assistance in regard to this matter please don't hesitate to contact the undersigned.

Yours faithfully,



Troy Crozier  
Principal  
MAIG. RPGeo.: Geotechnical and Engineering  
Reg. No.: 10197

**GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER  
FORM NO. 1 – To be submitted with Development Application**

Development Application for _____	Name of Applicant _____
Address of site <u>190 Barrenjoey Road, Newport</u>	

**Declaration made by geotechnical engineer or engineering geologist or coastal engineer (where applicable) as part of a geotechnical report**

I, Troy Crozier on behalf of Crozier Geotechnical Consultants on this the 26 June 2023 certify that I am a geotechnical engineer or engineering geologist or coastal engineer as defined by the Geotechnical Risk Management Policy for Pittwater - 2009 and I am authorised by the above organisation/company to issue this document and to certify that the organisation/company has a current professional indemnity policy of at least \$2million.

I:

- have prepared the detailed Geotechnical Report referenced below in accordance with the Australia Geomechanics Society's Landslide Risk Management Guidelines (AGS 2007) and the Geotechnical Risk Management Policy for Pittwater - 2009
- am willing to technically verify that the detailed Geotechnical Report referenced below has been prepared in accordance with the Australian Geomechanics Society's Landslide Risk Management Guidelines (AGS 2007) and the Geotechnical Risk Management Policy for Pittwater - 2009
- have examined the site and the proposed development in detail and have carried out a risk assessment in accordance with Section 6.0 of the Geotechnical Risk Management Policy for Pittwater - 2009. I confirm that the results of the risk assessment for the proposed development are in compliance with the Geotechnical Risk Management Policy for Pittwater - 2009 and further detailed geotechnical reporting is not required for the subject site.
- have examined the site and the proposed development/alteration in detail and I am of the opinion that the Development Application only involves Minor Development/Alteration that does not require a Geotechnical Report or Risk Assessment and hence my Report is in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009 requirements.
- have examined the site and the proposed development/alteration is separate from and is not affected by a Geotechnical Hazard and does not require a Geotechnical Report or Risk Assessment and hence my Report is in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009 requirements.
- have provided the coastal process and coastal forces analysis for inclusion in the Geotechnical Report

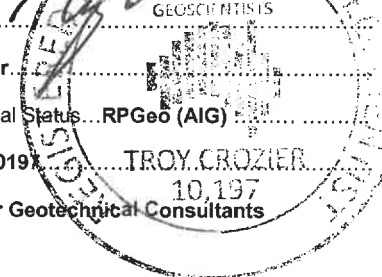
**Geotechnical Report Details:**

<b>Report Title:</b> Geotechnical Assessment for Development Application	
<b>Report Date:</b> 26 June 2023	<b>Project No.:</b> 2019 - 150.1
<b>Author:</b> T. Crozier	
<b>Author's Company/Organisation:</b> Crozier Geotechnical Consultants	

**Documentation which relate to or are relied upon in report preparation:**

Geotechnical Report titled "Risk Analysis & Management for proposed new garage and entrance at 190 Barrenjoey Road, Newport", Project No.: MS31321C Jack Hodgson Consultants PTY LTD, Dated.: 29/03/2018
Architectural Design Drawings by A Studio Architecture, Project No.: 2107, Drawing No.: DA-0.0, DA1.1 to DA1.3, DA2.1 to DA2.3, DA-3.1 to DA3.2; Issue: a; Dated: 29/05/2023
"Geotechnical Assessment and Design recommendations for Stormwater Management plan for 190 Barrenjoey Road, Newport" by Crozier Geotechnical Consultants, Project No.: 2019-150, Dated: 9 <sup>th</sup> January 2020

I am aware that the above Geotechnical Report, prepared for the abovementioned site is to be submitted in support of a Development Application for this site and will be relied on by Pittwater Council as the basis for ensuring that the Geotechnical Risk Management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure, taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk.

Signature ..... 

Name ... **Troy Crozier** .....

Chartered Professional Status... **RPGeo (AIG)** .....

Membership No. ... **10197** .....

Company... **Crozier Geotechnical Consultants** .....

