

Principal

G.D. Keighran BE MIE(Aust)

Date: 18<sup>th</sup> July 2019

Your Ref:

Our Ref: 17100/GK/5

J & J Shanahan  
Suite 1 , Level 1  
55 Grandview Street  
PYMBLE N.S.W. 2073

Attention: Mr J. Shanahan

Dear Sir,

**Re: Geotechnical Assessment  
New Double Garage and Dwelling  
145A Crescent Road - Newport**

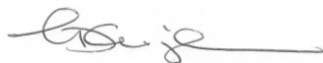
We refer to revised Dwelling Drawings 01416H Revision 4 dated 25<sup>th</sup> June 2019 which indicate that the proposed dwelling detailed in our Report No. 17100/GK/4 dated 17<sup>th</sup> October 2018 has been moved several metres to the east away from the existing sewer alignment .

The risk assessment and recommendations detailed in our Report No. 17100/GK/4 dated the 17<sup>th</sup> October 2018 remain applicable for the proposed revised development detailed in the new drawings 01416H Revision 4 dated 25<sup>th</sup> June 2019 and we attach the revised Geotechnical Risk Management Policy for Pittwater Form 1.

Yours faithfully,

**KEIGHRAN GEOTECHNICS**

per:



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**G.D. KEIGHRAN BE MIE(Aust)**  
**Director - Principal Engineer**

**Attachments**

Geotechnical Risk Management Policy for Pittwater Form No. 1 and 1(a) Revised dated 18<sup>th</sup> July 2019

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

<b>Development Application for</b>	J & J Shanahan
	Name of Applicant
<b>Address of site</b>	145A Crescent Road - Newport

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

I, **Greg Keighran** on behalf of **Keighran Geotechnics**  
(Insert Name) (Trading or Company Name)

on this the 18<sup>th</sup> July 2019 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:

**Please mark appropriate box**

- ✓ 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
- ✓ I 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 am of the opinion that the Development Application only involves Minor Development/Alterations that do not require a Detailed Geotechnical Risk Assessment and hence my report is in accordance with the Geotechnical Risk Management Policy for Pittwater - 2009 requirements for Minor Development/Alterations.
- ✓ Provided the coastal process and coastal forces analysis for inclusion in the Geotechnical Report

**Geotechnical Report Details:**

Report Title: 17100 /GK/4- Geotechnical Assessment and Recommendations – New Double Garage and Dwelling – 145A Crescent Road - Newport
Report Date: 17 <sup>th</sup> October 2018
: Author: Greg Keighran
Author's Company/Organisation: Keighran Geotechnics

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

<b>Architectural / Landscape Drawings 01416H Rev 4 by Midcoast Design and Drafting Pty Ltd</b>

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 Greg D Keighran .  
 Chartered Professional Status BE MIE(Aust)  
 Membership No. 286467  
 Company Greg D Keighran Pty Ltd T/AS Keighran Geotechnics