

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

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|---|-------------------|
| Development Application for <u>Lightning Constructions (Aust) Pty Limited</u> | Name of Applicant |
| Address of site <u>51 Kalang Road, Elanora Heights</u>                        |                   |

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

I, David Willows on behalf of Willows Engineering Consultants Pty Ltd  
(Insert Name) (Trading or Company Name)

on this the 18 January 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:

**Please mark appropriate box**

- 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:**

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| Report Title: <u>Geotechnical Assessment for Proposed Development (ref: 2021031-R2)</u> |
| Report Date: <u>25 October 2022</u>   |
| Author: <u>David Willows</u>  |
| Author's Company/Organisation: <u>Willows Engineering Consultants Pty Ltd</u>           |

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

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| <u>Geotechnical Assessment by Willows Engineering Pty Ltd (ref: 2021031-R1, 5/07/2021)</u>             |
| <u>Geotechnical Report and Borehole Logs by Rapid Geo Pty Ltd (ref: RG412-GR-1-1, 25/20/2022)</u>      |
| <u>Drawings by Fortey + Grant Architecture Drawings No. DA-00 to DA-21 (ref. Job 2002, 28/09/2020)</u> |

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 ..... D Willows .....  
Name ... David Willows .....  
Chartered Professional Status... CPEng (civil) .....  
Membership No. ... 2417109 .....  
Company... Willows Engineering Consultants Pty Ltd .....