

Kingfisher Properties Pty Ltd  
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POTTS POINT NSW 1335

Attention: Mr Geoff Fisher  
Email: kingfisherproperties@yahoo.com

**GEOTECHNICAL ASSESSMENT  
GARAGE ON PACIFIC ROAD FRONTAGE  
163 PACIFIC ROAD, PALM BEACH, NSW**

We previously completed a geotechnical slope stability risk assessment for proposed alterations and additions to 163 Pacific Road, Palm Beach, NSW as detailed in our report dated 23 February 2011, Ref: 24701LBrpt. Following that we reviewed structural drawings for a lift at the based of the sandstone cliff on the southern side of the house, completed inspections for that during construction and provided Pittwater Council's Form 3 for the lift dated 2 February 2012.

More recently, we inspected the site on 21 January 2021 in relation to a proposed walk in robe attached to the house and provided a letter dated 27 January 2021 (Ref: 24701BYlet).

We understand that a garage/carport was constructed in 2020 above the cliff next to the previously constructed lift. This area was inspected during our visit on 21 January 2021, and during construction of the lift and various photos of the constructed garage/carport were reviewed. From this available information the garage/carport has been constructed directly off the top of the sandstone cliff on site and we have been advised that all footings were founded within the sandstone.

Based on the above information we consider that the constructed garage/carport will not affect our assessed slope stability risk to both property and life as detailed on our report dated 23 February 2011 (Ref: 24701LBrpt). Therefore, as detailed in our previous report, we consider that the risk to both property and life for the site is 'acceptable' in accordance with the Geotechnical Risk Management Policy for Pittwater (2009) and the Australian Geomechanics Society (2007c) *'Practice Note Guidelines for Landslide Risk Management'*, Australian Geomechanics, Vol 42, No 1, March 2007, pp63-114.

We do not consider that preparation of an updated geotechnical slope stability risk assessment is warranted for the garage/carport and this would not alter the assessed risk to both property and life.



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Should you require any further information regarding the above, please do not hesitate to contact the undersigned.

Yours faithfully  
For and on behalf of  
JK GEOTECHNICS

A handwritten signature in black ink, appearing to read 'D. Bliss'.

**Daniel Bliss**  
Principal | Geotechnical Engineer