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CONSULTING CIVIL, GEOTECHNICAL AND STRUCTURAL ENGINEERS

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Page 2

The existing residence is sited near the crest of the slope which falls from the north west to the south east. This area is gentle to moderate slope. No evidence of significant slope instability was identified during our inspection. The road batter slope created when the road was constructed is the reason for the H2 geotechnical classification due to the slight increase in the steepness of the slope.

The proposed development is to be constructed with minor excavations for footings and in our opinion requires no detailed geotechnical assessment provided any new foundations required are taken to underlying stiff clays or better of the natural profile. Materials of this kind will provide an approximate allowable bearing pressure of 300 kPa. All new footings are to be inspected and approved by the geotechnical engineer before concrete is placed so that the final 'Form 3' can be issued as per Councils' requirements.

The property appears stable by inspection and accordingly the proposed development will have an Acceptable Risk Level in accordance with the 2009 Geotechnical Risk Management Policy for Northern Beaches Council - Pittwater subject to good engineering practice for the structural design and construction methods.

JACK HODGSON CONSULTANTS PTY. LIMITED.

Peter Thompson MIE Aust CPEng

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Civil/Geotechnical Engineer