

1187 Barrenjoey Road, Palm Beach

Minor Works

A Geotechnical Site Inspection was carried out on the 25th February 2016.

Details of the proposed works are shown on 6 drawings prepared by Mileham Design and Build, project number PBBR1187, drawing number A001 & A101 Rev A and A102, A201 to A203 all dated 1/3/16. The work involves extending level 1 and 2 of the existing house. No excavation or filling is required to carry out the proposed works and they are considered minor in scope from a geotechnical perspective.

Geotechnical Hazards and Risk Analysis - Risk Analysis Summary

HAZARDS	Hazard One
TYPE	The large, dimensioned sandstone block retaining wall that supports the fill batter for Barrenjoey collapsing and impacting on the existing house and proposed works (Photo 1 & 2).
LIKELIHOOD	'Unlikely' (10^{-4})
CONSEQUENCES TO PROPERTY	'Medium' (25%)
RISK TO PROPERTY	'Low' (2×10^{-5})
RISK TO LIFE	4.3×10^{-7} /annum
COMMENTS	'Acceptable' level of risk.

(See Aust. Geomech. Jnl. Mar 2007 Vol. 42 No 1, for full explanation of terms)

Conclusion.

The land and dwelling achieves an 'Acceptable Level of Risk' as published by the Australian Geomechanics Society in the March 2007.

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Photo 1



Photo 2