



G EOTECHNIQUE[®]
PTY LTD



Job No: 13262/1
Our Ref: 13262/1-AC
21 December 2015

ARN 64 002 841 063

ARH Warriewood Pty Ltd
Level 1, 76 Queen Street
WOOLLAHRA NSW 2025
Email: jonathon@ashtonrowe.com.au

Attention: Mr J Tyree

Dear Sir

re: **Proposed Residential Development
53C Warriewood Road, Warriewood
Geotechnical Investigation**

Geotechnique Pty Ltd completed a geotechnical investigation at 53C Warriewood Road, Warriewood, hereafter referred to as the site, in 2014 and prepared Report No 13262/1-AA dated 5 September 2014.

Report No 13262/1-AA provides assessments of subsurface conditions across the site and provides geotechnical recommendations on design and construction of medium density residential buildings, with two to three storeys above the ground and one level of basement. The basement excavation was anticipated to be up to about 3.0m deep. Report No 13262/1-AA was submitted with subdivision plan which has been approved.

We understand that the proposed development at the above site has now reached to Development Application (DA) stage and a geotechnical investigation report is required to accompany DA. We also understand that the site conditions across the site have not changed significantly since preparation of Report 13262/1-AA. Therefore, assessments of subsurface conditions detailed in Report No 13262/1-AA are still applicable.

Review of DA architectural drawings provided for preparation of this letter, indicates that the proposed buildings at the site will be three storeys high with one level of basement and footprints of these buildings will be consistent with those approved in subdivision stage. Therefore, we confirm that the geotechnical recommendations for design of basement excavation, retaining structures, floor slabs and footings presented in Report 13262/1-AA are also applicable for DA stage.

If you have any questions, please do not hesitate to contact the undersigned.

Yours faithfully
GEOTECHNIQUE PTY LTD

INDRA JWORCHAN
Principal Geotechnical Engineer