

Pinnacle Construction Group
Shop 2, 5-11 Meriton Street,
Gladesville, NSW 2111

ATTENTION: Leon Kmita/Joe Bechara

Dear Sirs,

RE: EFFECT OF TREE REMOVAL ON SLOPE STABILITY
PROPOSED RESIDENTIAL DEVELOPMENT
89 JOHN WHITEWAY DRIVE, GOSFORD NSW

JK Geotechnics were commissioned by Pinnacle Construction Group to assess the impact of the proposed tree removal on the stability of the land around the proposed residential development on the site. The trees proposed for removal are detailed in the plans and tables attached to the Vegetation Management Plan prepared by Conacher Consulting, Reference 9049, dated May 2019.

Our assessment of the site has comprised:

- establishing a Principal level Geotechnical Engineer to the site to walk over the areas containing proposed tree removal;
- to identify a number of trees in each area by their numbered tags;
- assess whether the removal of those trees would result in an increase in landslide risk; and
- Inspect the general landform in those areas to assess whether the removal of other trees would likely result in increased slope stability issues.

During our several hours on site, we walked around the general tree removal areas, with the exception of the 10m wide strip on the low side of the elevated driveway accessing 80 John Whiteway Drive where access could not be gained due to the presence of fences and security gates. In our assessments at that time, there were no ideas identified where the removal of trees would be considered to result in an increased landslide risk.

We understand that there may be some modification of the surface profile to allow for mowing or slashing of the ground cover in accordance with the vegetation management plan. The disturbed surface must then be protected against soil erosion by the planting of ground cover vegetation or other erosion control measures.

Therefore we do not consider the removal of the proposed trees would produce an increased landslide risk. Notwithstanding, we recommend the site be inspected periodically by a geotechnical engineer during the removal and any reshaping works in the areas which will not be covered by buildings or hard landscaping, so that if there are any unexpected localised issues, recommendations can be provided for their rehabilitation.





Should you have any queries about any matter relating to this issue, please do not hesitate contact the undersigned.

Yours faithfully
For and on behalf of
JK GEOTECHNICS

Peter Wright
Principal I Geotechnical Engineer

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