

Table C2 – Requirements for Geotechnical Reports to support Development Applications

Development Type	Geotechnical Planning Classes						
	C1	C2	C3	C4	C5	C6	C7
	Hawkesbury & Narrabeen Slopes <5 degrees	Hawkesbury Slopes 5 to 25 degrees	Hawkesbury Slopes > 25 degrees	Narrabeen Slopes 5 to 15 degrees	Narrabeen Slopes > 15 degrees	Alluvial and Soil Deposits	Coastal Cliff Zone
Minor Development / Alterations ¹	No Geotechnical Assessment required	No Geotechnical Assessment required	No Geotechnical Assessment required	No Geotechnical Assessment required	Preliminary Geotechnical Assessment required	No Geotechnical Assessment required	Preliminary Geotechnical Assessment required
Standard development up to two storeys – all excavation <1.5 m and landfill <1 m	No Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required
Development with more than two storeys ²	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Detailed Geotechnical Report required	Detailed Geotechnical Report required	Detailed Geotechnical Report required	Detailed Geotechnical Report required
Any excavation >1 m within 1 m of site boundaries or structures	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required
Any excavation >1.5 m	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required
Any excavation with potential to destabilise trees or other structures such that they could fall onto adjoining structures or properties and cause significant damage	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required
Landfill >1 m	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required
Basement excavation to extend to within 1 m of groundwater level or lower	Preliminary Geotechnical Assessment required	Preliminary Geotechnical Assessment required	Detailed Geotechnical Report required	Detailed Geotechnical Report required	Detailed Geotechnical Report required	Detailed Geotechnical and Hydrogeological Report required ³	Preliminary Geotechnical Assessment required

Notes:

- 1 Minor Alterations and Additions to existing developments that do not affect the geotechnical conditions on or around the site.
- 2 Storey means a space within a building which is situated between one floor level and the floor level next above, or if there is no floor above, the ceiling or roof above, but not a mezzanine.
- 3 Hydrogeological reports must comply with the requirements of the NSW Water Management Act and the guidelines for hydrogeological investigations published by Water NSW and the NSW Department of Planning and Environment - Water