

Stage 1 Screening Report – Camden Geological, hydrogeological and hydrological study: Guidance for subterranean development



CLIENT	Eli Nathenson c/o Martin Evans Architects
SITE ADDRESS	3 Burghley Road, Kentish Town, Camden, London NW5 1UH
REPORT REFERENCE	GWPR1006/GIR/October 2014

SLOPE STABILITY SCREENING CHART:

1. Does the existing site include slopes, natural or manmade greater than 7°?	No.
2. Will the proposed re-profiling of landscaping at the site change slopes at the boundary to more than 7°?	No.
3. Does the development neighbour land, including railway cuttings and the like, with a slope greater than 7°?	Yes A localised slope on Burghley Road to the north-east of the site was shown to have a slope greater than 7°
4. Is the site within a wide hillside setting in which the general slope is greater than 7°?	No
5. Is the London Clay the shallowest strata at the site?	Yes
6. Will any tree/s be felled as part of the proposed development and/or are any works proposed within any tree protection zones where trees are to be retained.	No.
7. Is there a history of seasonal shrink-swell subsidence in the local area, and/or evidence of such effects at the site?	Client to confirm. No however underlying geology is susceptible to shrink/swell.
8. Is the site within 100m of a watercourse or a potential spring line?	Yes. Southerly flowing “lost” River Fleet shown in the vicinity to the site
9. Is the site within an area of previously worked ground?	No.
10. Is the site within an aquifer? Is so, will the proposed basement extent beneath the water table such that dewatering may be required during construction?	No. Site overlies Unproductive Strata of the London Clay Formation.
11. Is the site within 50m of the Hampstead Heath Ponds?	No.
12. Is the site within 5m of a highway or pedestrian right of way?	Yes.
13. Will the proposed basement significantly increase differential depths of foundations relative to neighbouring properties?	Yes.

14. Is the site over (or within the exclusion zone of) any tunnels, e.g. railway lines?

No.

Prepared By:	Verified By:
	
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