

e-mail

Date: 2nd October 2015
Ref: 9722/KOG
To: Jeremy Wiggins – Gpad Ltd
Thomas Fornvald – Pringuer-James Consulting Engineers Ltd
From: Keith Gibbs
Re: Water monitoring – 17 Wadham Gardens, London NW3 3DN

Dear Sirs

A ground investigation was undertaken by Soil Consultants Ltd at this site in January 2015 (Report Ref: 9722/KOG, Rev 0, dated 10/02/15). The investigation included two boreholes, both with observation pipes with BH1 located in the front garden and BH2 in the rear garden. Following publication of this report, monitoring of the installed standpipes was carried out on the 26th February and 24th August 2015.

It is noted that during our original fieldwork, ground water was not encountered in BH1. On the 26th February a water level in BH1 was measured at a depth of 5.60m. This standpipe was not visible during our visit of the 24th August.

During the drilling of BH2, a water inflow was observed at 1.10m depth, with a subsequent rest level at 1.30m depth. On the 26th February a ground water was noted at a depth of 1.78m. Attempted purging of the BH2 standpipe during this visit failed to achieve any significant lowering of the water level. On the 24th August 2015 the water level in BH2 was measured at 1.92m depth.

The ground conditions at this site comprise a small thickness of made ground overlying the London Clay. An upper layer of naturally re-worked clay was present extending to about 3.5m depth, whereupon typical 'undisturbed' London Clay was encountered. Both the re-worked and undisturbed London Clay as expected to be relatively low permeability soils. Whilst we consider that the water observed in BH2 is likely to represent a pocket of perched groundwater and that in BH1 perhaps due to downward infiltration of imperfectly sealed water in the made ground, some possible contribution from seepage at the interface of the naturally reworked and undisturbed London Clay or trapped pockets of water [albeit of limited volume] within the London Clay cannot be discounted.

We trust that this information is of assistance but please contact us if you require any queries.

Best regards

For Soil Consultants Ltd

Keith Gibbs