

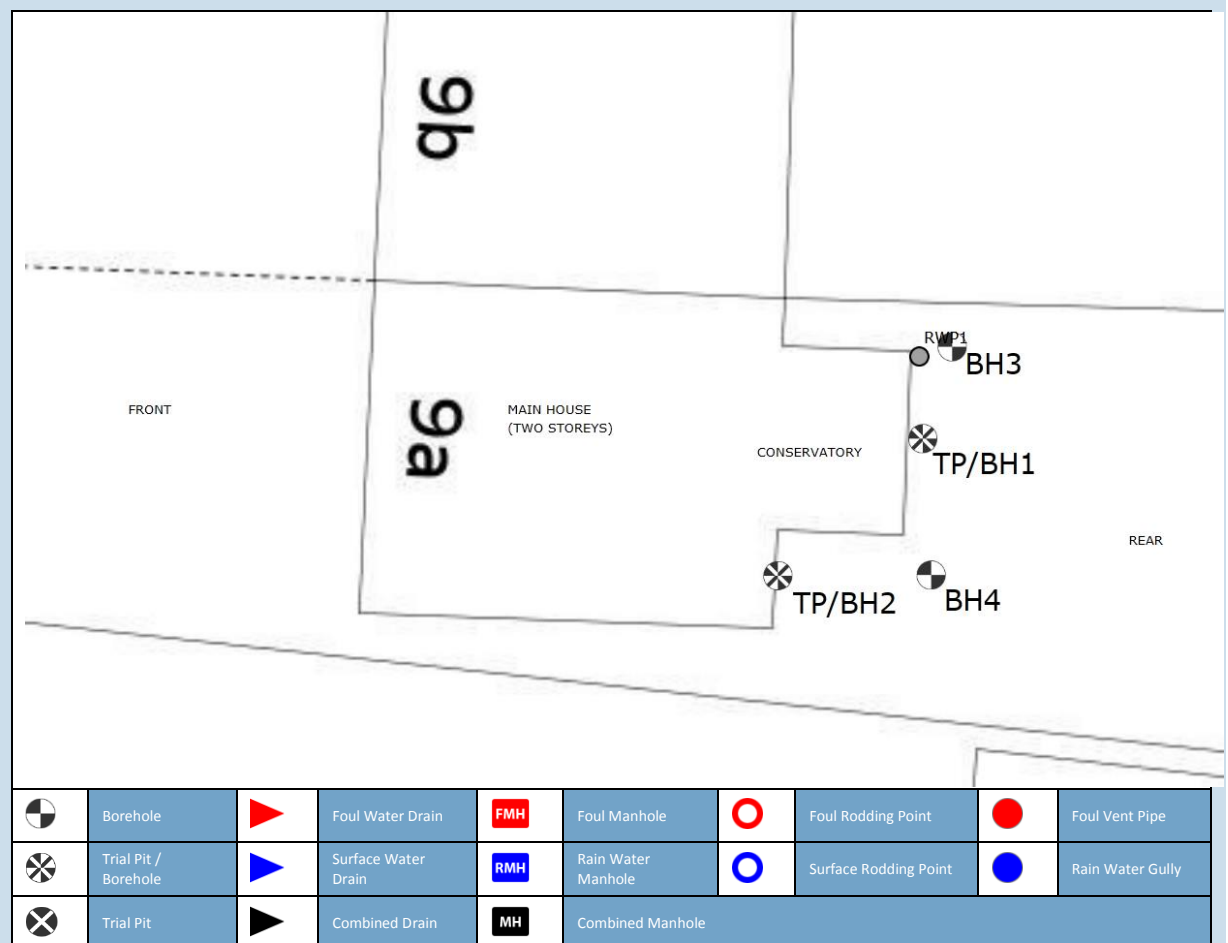
GEOTECHNICAL

for Subsidence Management Services

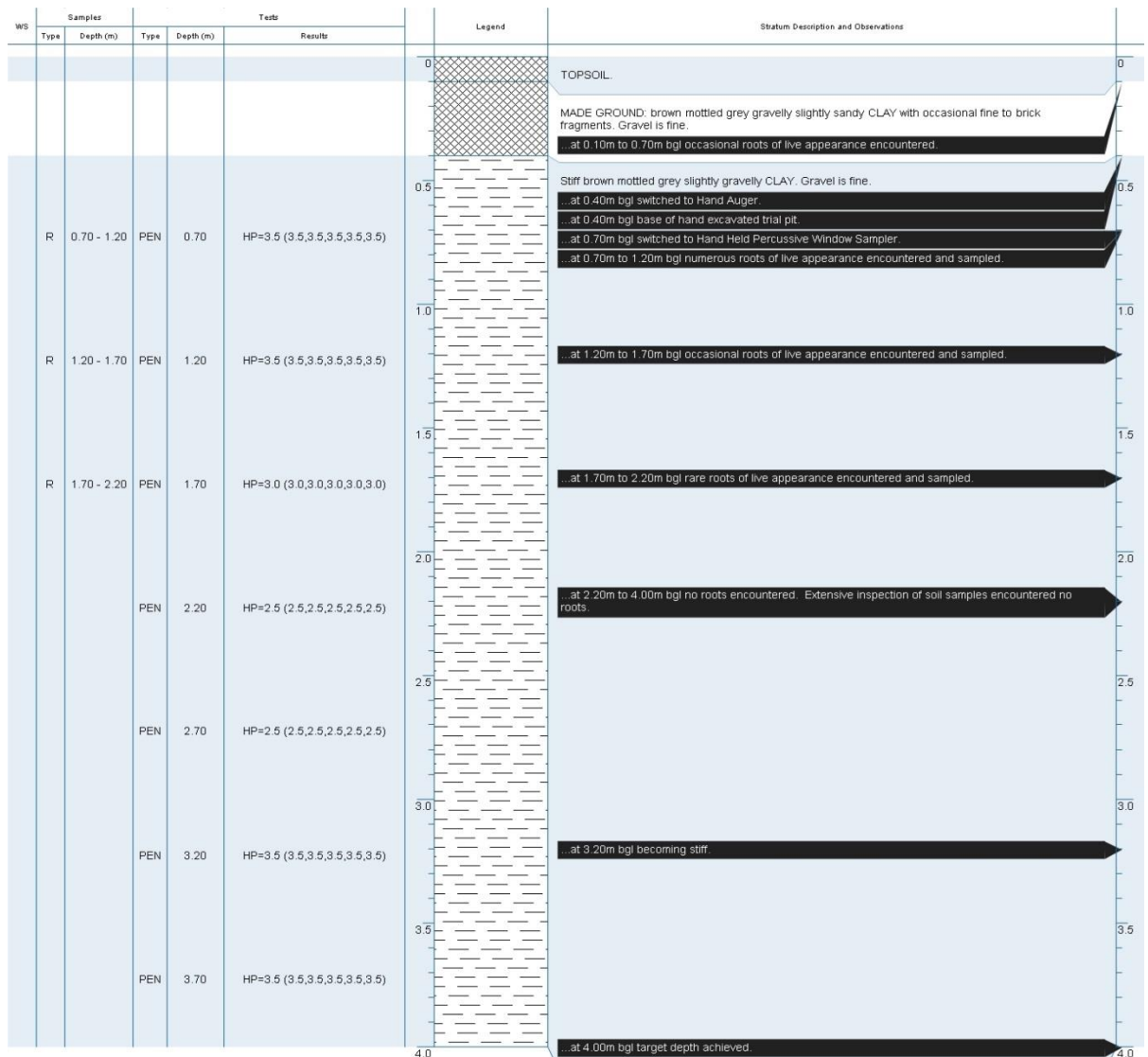
9A Rofant Road, North Wood, HA6 3BD

Client: Subsidence Management Services
Client Contact: Douglas Johnson
Client Ref: IFS-LBG-SUB-18-0078577
Policy Holder: Mrs D Daupias-Green
Report Date: 3 September 2019
Our Ref: C42528G22440

Site Plan

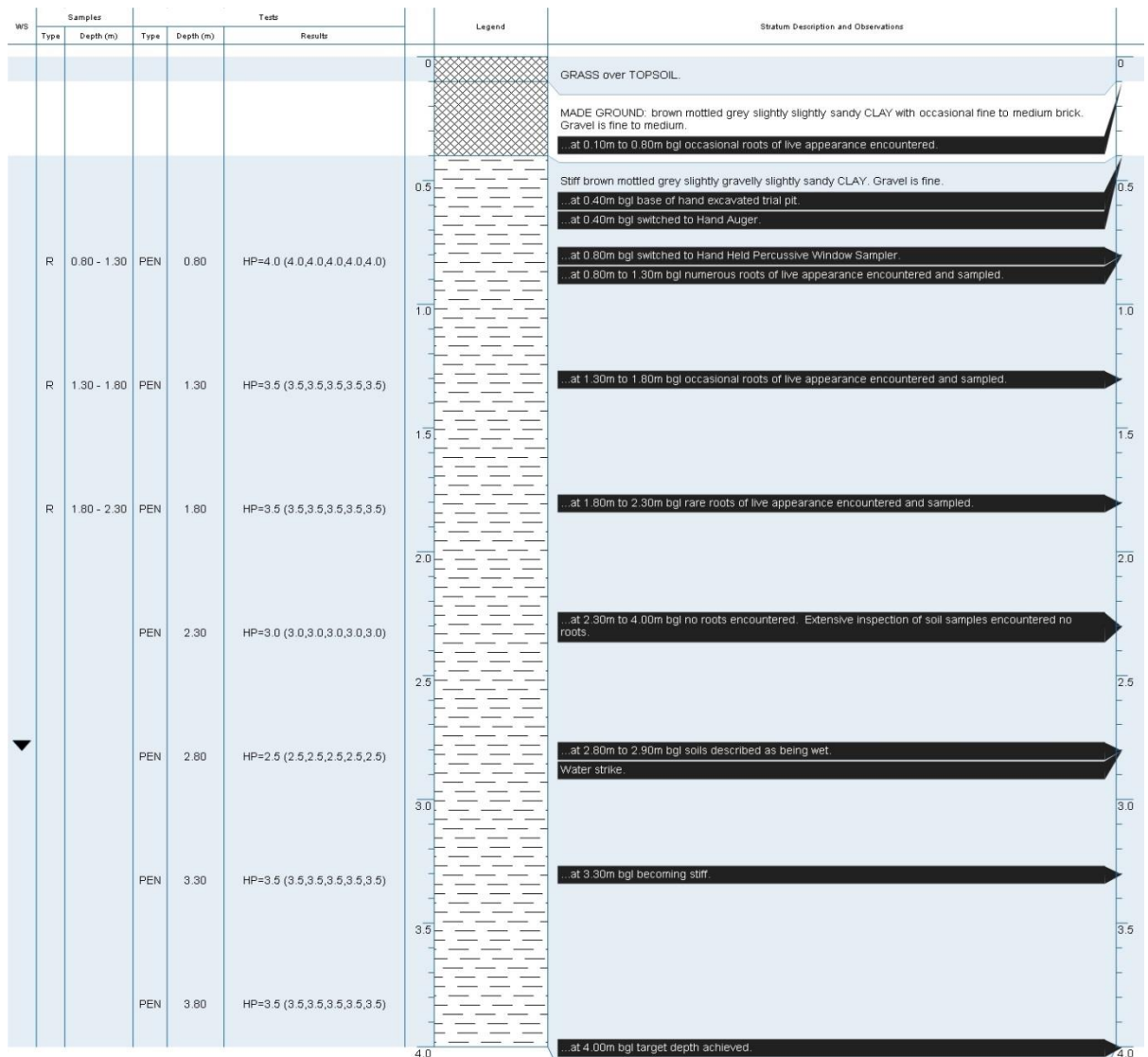


BH3 Borehole Log



-- End of borehole at 4.00m --
Borehole completed by hand held percussive window sampler. Borehole completed by hand held percussive window sampler. Roots encountered to 2.20m bgl. Groundwater strikes not encountered.
PEN = Hand Penetrometer (kg/sq cm).

BH4 Borehole Log



-- End of borehole at 4.00m --
Borehole completed by hand held percussive window sampler. Roots encountered to 2.30m bgl.
Groundwater encountered at 2.80m bgl. Standing water level within the exploratory hole at 2.80m bgl on completion. PEN = Hand Penetrometer (kg/sq cm)

Site Observations

GENERAL:

Site Investigation works (BH 3 & BH 4) undertaken on 30 July 2019 during dry weather (i.e. no rain).

HEALTH AND SAFETY:

Negative signal obtained in Power, Radio and Genny mode on the Cable Avoidance Tool (CAT) (BH3).

Negative signal obtained in Power, Radio and Genny mode on the Cable Avoidance Tool (CAT) (BH4).

BOREHOLE:

At 0.40m bgl switched to Hand Auger in BH3. At 0.40m bgl base of hand excavated trial pit in BH3. At 0.70m bgl switched to Hand Held Percussive Window Sampler in BH3. At 4.00m bgl target depth achieved in BH3.

At 0.40m bgl base of hand excavated trial pit in BH4. At 0.40m bgl switched to Hand Auger in BH4. At 0.80m bgl switched to Hand Held Percussive Window Sampler in BH4. At 4.00m bgl target depth achieved in BH4.

ROOTS:

At 0.10m to 0.70m bgl occasional roots of live appearance encountered in BH3.

At 0.70m to 1.20m bgl numerous roots of live appearance encountered and sampled in BH3.

At 1.20m to 1.70m bgl occasional roots of live appearance encountered and sampled in BH3.

At 1.70m to 2.20m bgl rare roots of live appearance encountered and sampled in BH3.

At 2.20m to 4.00m bgl no roots encountered. Extensive inspection of soil samples encountered no roots in BH3.

At 0.10m to 0.80m bgl occasional roots of live appearance encountered in BH4.

At 0.80m to 1.30m bgl numerous roots of live appearance encountered and sampled in BH4.

At 1.30m to 1.80m bgl occasional roots of live appearance encountered and sampled in BH4.

At 1.80m to 2.30m bgl rare roots of live appearance encountered and sampled in BH4.

At 2.30m to 4.00m bgl no roots encountered. Extensive inspection of soil samples encountered no roots in BH4.

IN SITU TESTING:

Hand Penetrometer (PEN) undertaken at 0.70m bgl (BH 3) within the window sampler and thereafter in the window sampler at maximum 0.50m intervals.

Hand Penetrometer (PEN) undertaken at 0.80m bgl (BH 4) within the window sampler and thereafter in the window sampler at maximum 0.50m intervals.

WATER STRIKES:

No water strikes (NWS) encountered (BH 3).

A water strike (WS) was encountered in the clay at 2.80m bgl (BH 4), with a standing water level (SWL) recorded at 2.80m bgl after 20 minutes (BH 4). Standing water level within the exploratory hole at 2.80m bgl (BH 4) on completion.

The groundwater observations do not necessarily indicate equilibrium conditions. It should be appreciated that groundwater levels are subject to both seasonal and weather induced variations. Other effects such as construction activities may also change groundwater levels.