

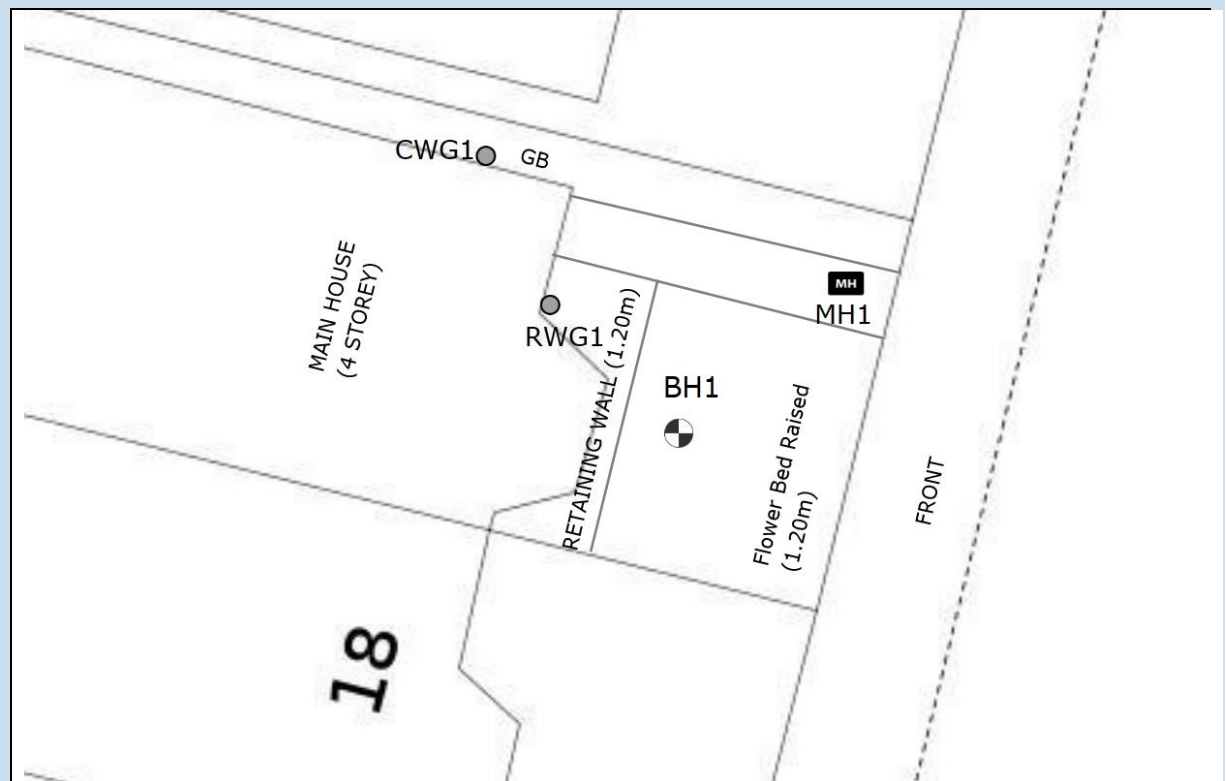
GEOTECHNICAL

for Subsidence Management Services

16 Goldhurst Terrace, London, NW6 3HU

Client: Subsidence Management Services
 Client Contact: Vicki Baxter
 Client Ref: IFS-COV-SUB-17-0068212
 Policy Holder: Nainesh Jain
 Report Date: 25 August 2017
 Our Ref: C34832G16135

Site Plan



	Borehole		Foul Water Drain		Foul Manhole		Foul Rodding Point		Foul Vent Pipe
	Trial Pit / Borehole		Surface Water Drain		Rain Water Manhole		Surface Rodding Point		Rain Water Gully
	Trial Pit		Combined Drain		Combined Manhole				

BH1 Borehole Log

WS	Samples		Tests		Legend	Stratum Description and Observations
	Type	Depth (m)	Type	Depth (m)		
						0.0 TOPSOIL. ...at 0.10m to 1.20m bgl occasional roots of live appearance encountered.
						0.5 MADE GROUND: Firm brown gravelly CLAY. Gravel is fine to medium.
						1.0
	R D	1.20 - 1.70 1.20	PEN	1.20	HP=5.0 (5.0,5.0,5.0,5.0,5.0)	MADE GROUND: Soft to firm brown slightly sandy slightly gravelly CLAY including brick fragments. Gravel is fine to medium. ...at 1.20m to 1.70m bgl occasional roots of live appearance encountered and sampled.
						1.5
	D R	1.70 1.70 - 2.70	PEN	1.70	HP=5.0 (5.0,5.0,5.0,5.0,5.0)	Firm brown slightly sandy CLAY with rare fine gravel. ...at 1.70m to 2.70m bgl occasional roots of live appearance encountered and sampled.
						2.0
	D	2.20	PEN	2.20	HP=5.0 (5.0,5.0,5.0,5.0,5.0)	
						2.5
	R D	2.70 - 3.70 2.70	PEN	2.70	HP=4.2 (4.0,4.5,4.0,4.0,4.5)	...at 2.70m to 3.70m bgl numerous roots of live appearance encountered and sampled.
						3.0
	D	3.20	PEN	3.20	HP=4.0 (4.0,4.0,4.0,4.0,4.0)	...at 3.20m bgl becoming soft.
						3.5
	D	3.70	PEN	3.70	HP=4.0 (4.0,4.0,4.0,4.0,4.0)	...at 3.70m to 4.00m bgl no roots encountered. Extensive inspection of soil samples encountered no roots.
						4.0

-- End of borehole at 4.00m --
Borehole completed by hand held percussive window sampler. Roots encountered to 3.70m bgl.
Groundwater strikes not encountered.

Site Observations

GENERAL:

Site Investigation works (BH 1) were undertaken on 11 August 2017 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) (BH1).

DRAINS:

A CCTV survey of the drainage was undertaken prior to the geotechnical investigation, the results of which can be found in the Drainage Investigation Report.

SOILS:

Made Ground deposits were encountered at 0.00m bgl extending to a depth of 1.70m bgl in BH 1.

Sampled at 1.20m bgl (TP/BH 4), thereafter at maximum 0.50m intervals and dispatched to the soils laboratory for analysis. The full details of the laboratory analysis can be found within the Soils Analysis Report.

ROOTS:

Roots encountered to 3.70m bgl (BH 1).

IN SITU TESTING:

Hand Penetrometer (PEN) undertaken at 1.20m bgl (BH 1) within the window sampler and thereafter in the window sampler at maximum 0.50m intervals.

WATER STRIKES:

No water strikes (NWS) encountered (BH 1).

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.