

— Approximate Site Boundary

NOT TO SCALE

Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX

Figure 1

Client: Mr and Mrs Freedman c/o Vincent and Rymill

Date: February 2017



Site Location Plan

Ref: GWPR1761



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Project:		28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:	February 2017
Site Development Area		Ref:	GWPR1761

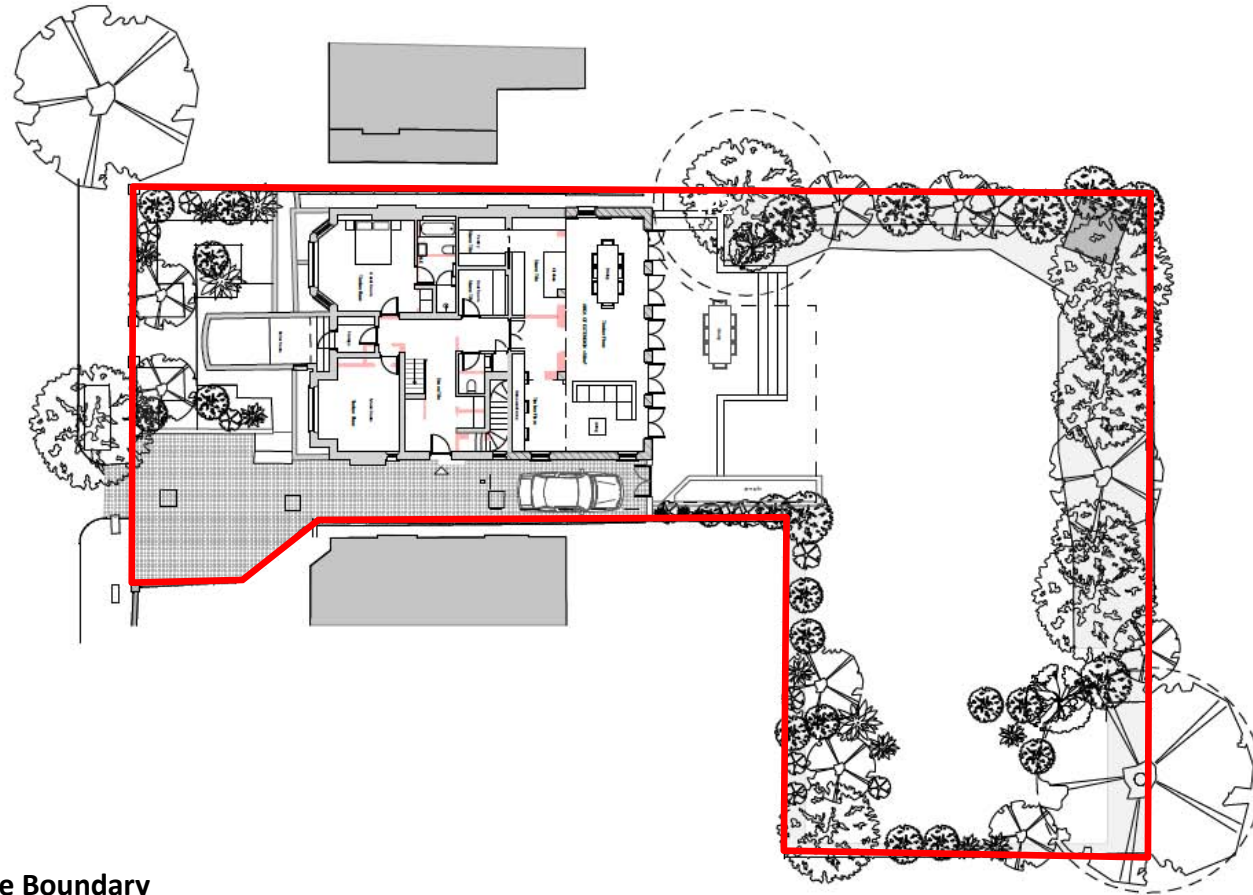
Figure 2



 **Approximate Site Boundary**

NOT TO SCALE

Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX		Figure 3 
Client: Mr and Mrs Freedman c/o Vincent and Rymill	Date: February 2017	
Aerial View of the Site	Ref: GWPR1761	



— Approximate Site Boundary

NOT TO SCALE

Project:

28 Maresfield Gardens, South Hampstead, London NW3 5SX

Figure 4

Client:

Mr and Mrs Freedman c/o Vincent and Rymill

Date:

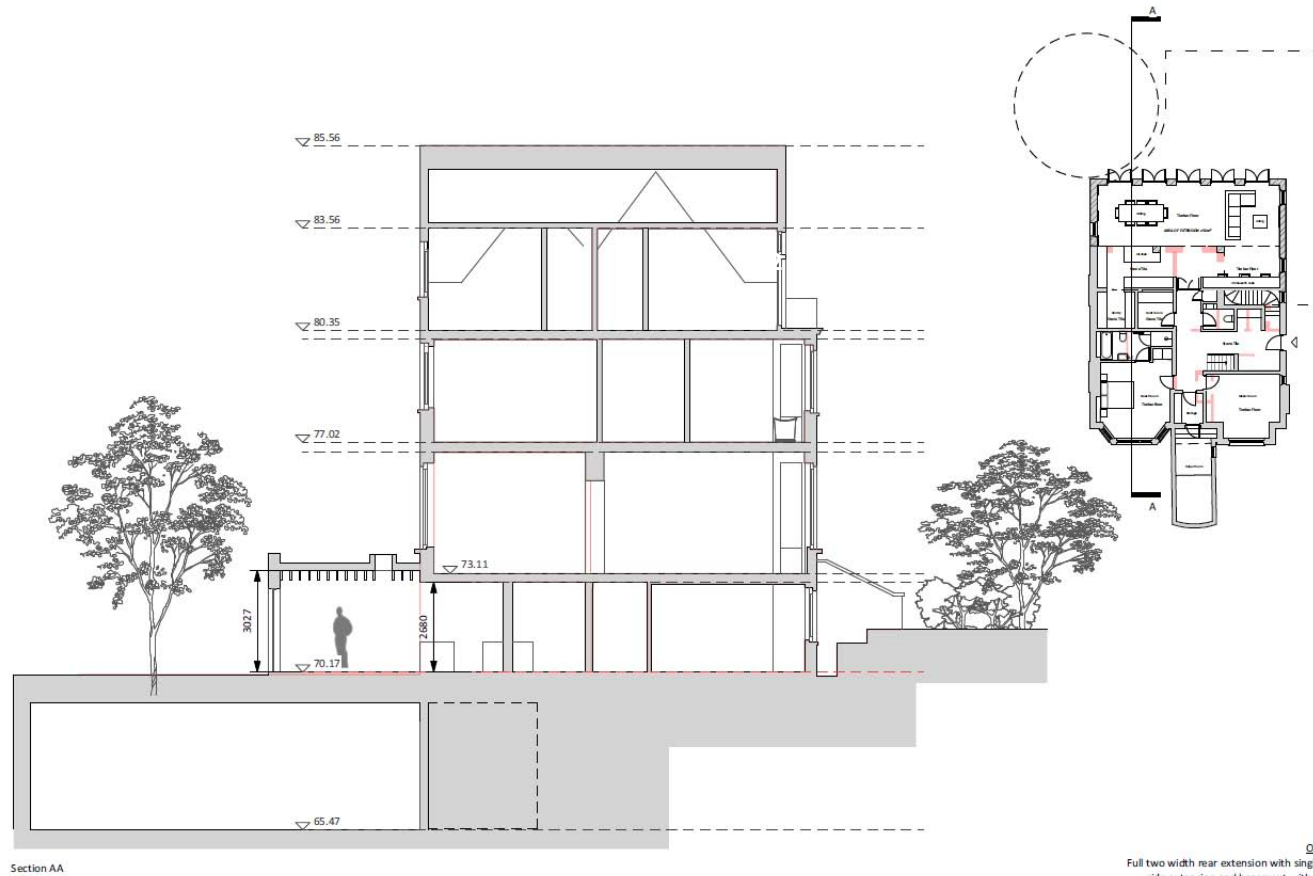
February 2017

ground&water

Proposed Development Plan – Plan View

Ref:

GWPR1761



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Project:

28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client:

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Date:

February 2017

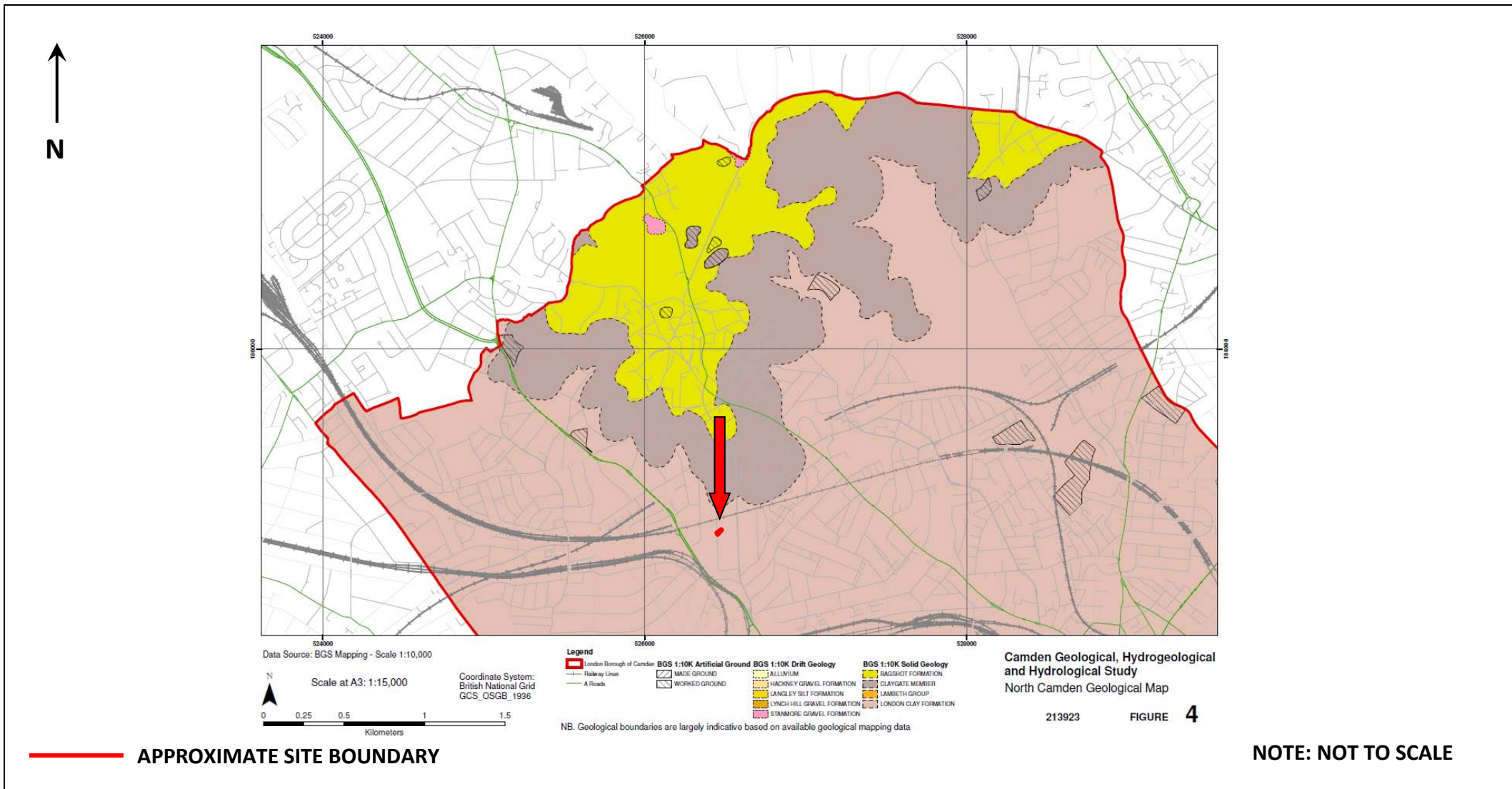
Proposed Development – Section View

Ref:

GWPR1761


Figure 5

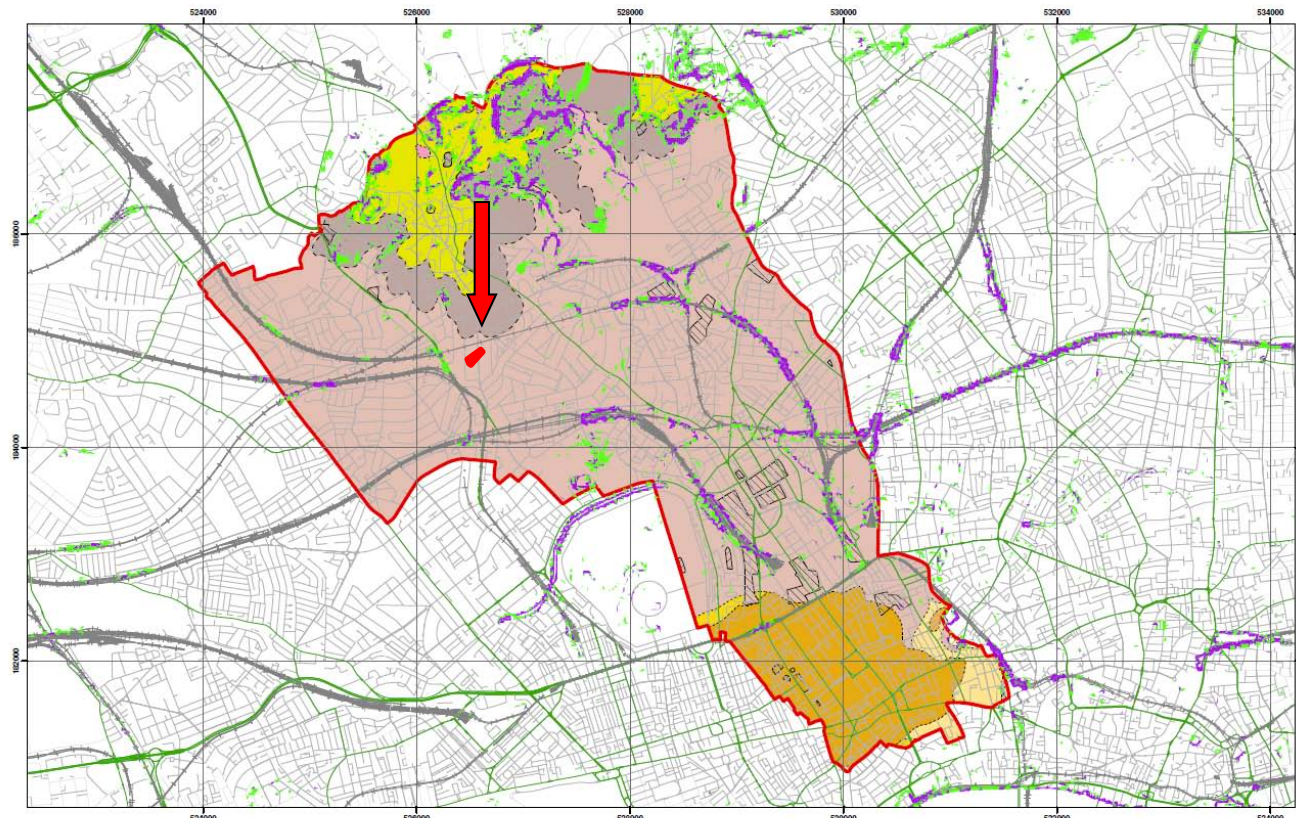
ground&water



Project:		28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:	February 2017
	North Camden Geological, Hydrogeological and Hydrological Study - Figure 4	Ref:	GWPR1761

Figure 6





Slope Angles calculated from Digital Terrain Model Provided By Camden Borough Council

Scale at A3: 1:30,000

1:10,000 BGS Mapping
Coordinate System:
British National Grid
GCS_OSGB_1936

- Legend**
- London Borough of Camden
 - Railway Lines
 - A Roads
 - B Roads
 - MADE GROUND
 - WORKED GROUND
 - ALLUVIUM
 - LACKNEY GRWEL FORMATION
 - LANGLEY SILT FORMATION
 - LONDON CLAY FORMATION
 - STAMFORD GRWEL FORMATION
 - BGS 1:10K Artificial Ground
 - BGS 1:10K Drift Geology
 - BGS 1:10K Solid Geology
 - BARKING FORMATION
 - CLAYGATE MEMBER
 - LAMBETH GROUP
 - LONDON CLAY FORMATION

NB. Geological boundaries are largely indicative based on available geological mapping data

Camden Geological, Hydrogeological
and Hydrological Study
Slope Angle Map

213923 **FIGURE 16**

— **APPROXIMATE SITE BOUNDARY**

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Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:
		February 2017
Camden Geological, Hydrogeological and Hydrological Study - Figure 16	Ref:	GWPR1810

Figure 7



Areas of greatest potential for slope instability

The assessment of the potential for slope instability

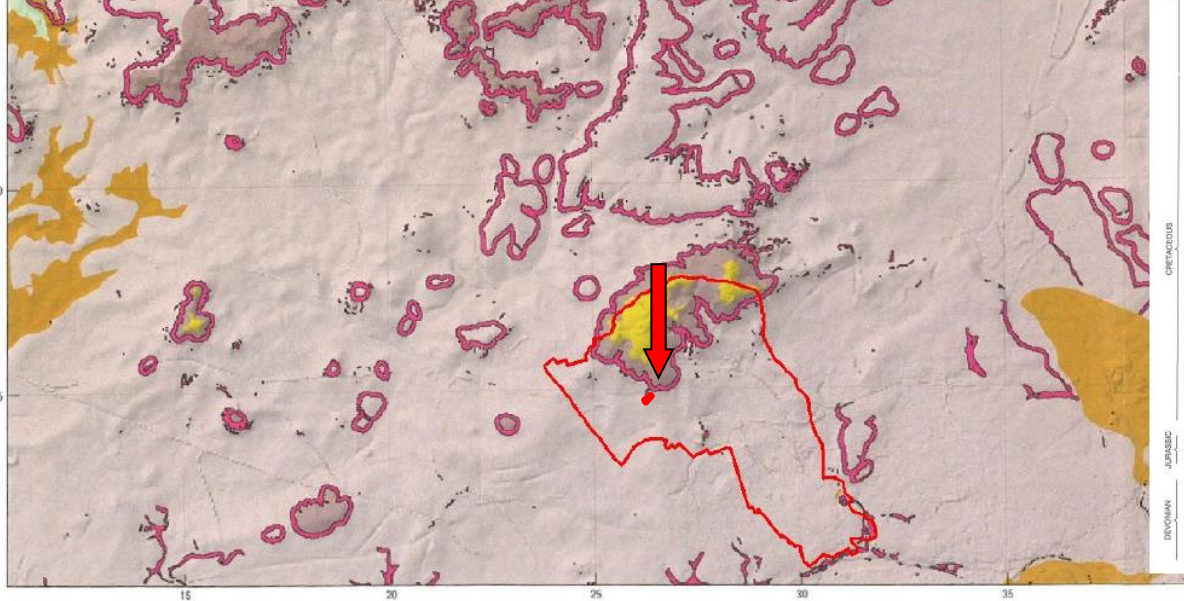
Due to a long history of intensive landuse and urban development it has only been possible to recognise and map, with confidence, a few areas of past landslide activity. However, beyond the north London district, areas of similar bedrock geology and topography contain significant areas of mapped landslides. Therefore, a slope instability assessment has been made to act as a guide to where areas of significant landslide potential are present, but obscured, and where further information regarding their stability are needed before development or major changes in landuse are made (Forster et al. 2003).

The assessment used a deterministic approach that looks at the presence at a site of landslide causative factors, such as slope angle, lithology and groundwater conditions that increase the susceptibility of a site to landslide activity. The causative factors were weighted according to their relative importance in promoting landslides and combined in a Geographical Information System to produce a computer-generated map of the relative susceptibility to landslide activity across the area. It does not necessarily mean that landslides have happened in the past or will do so in the future but if conditions change through natural or artificial means and a causative factor increases, then slope instability may be triggered.

This assessment gave a measure of the potential landslide activity divided into five classes ranging from zero to very high. For clarity the two highest classes, HIGH and VERY HIGH have been combined on this map to give a single rating to indicate the presence of a significant potential. More detailed information about particular locations may be obtained through the BGS Enquiry Service enquiries@bgs.ac.uk, Telephone 0115 936 3143.

The shaded relief image is derived from NEXTMap™ Digital Elevation Model (DEM) data gridded at 10 m intervals. Illumination is from the north-west and vertical exaggeration is x10. Artificial artefacts such as buildings have been removed from this dataset using smoothing algorithms. The geology of the district can be related to the topography as revealed by the image. The hill tops capped by the Claygate Member and Bagshot Formation are clearly identifiable. The watersheds dividing the Thames, Lea and Colne river valleys are visible, as are the large reservoirs on the floor of the Lea valley.

FORSTER A, WILDMAN G AND POULTON C. 2003. Landslide potential modelling of North London. British Geological Survey Internal Report, IR/03/122R.

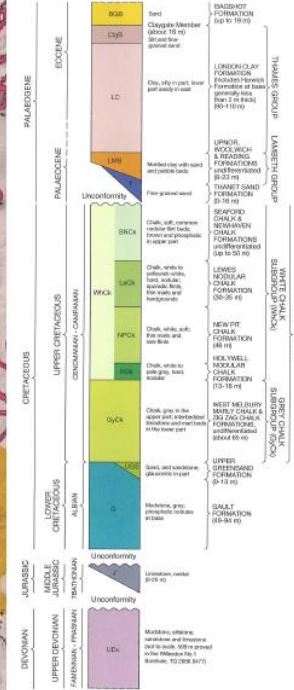


Source - British Geological Society, 1:50,000 Series
England and Wales Sheet 256 – North London

Areas of significant landslide potential

GENERALIZED VERTICAL SECTION

Scale 1:2500 (1 cm to 25 m)



Camden Geological, Hydrogeological
and Hydrological Study
Areas of landslide potential

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FIGURE 17

NOTE: NOT TO SCALE

Project:

28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client:

Mr and Mrs Freedman c/o Vincent and Rymill

Date:

February 2017

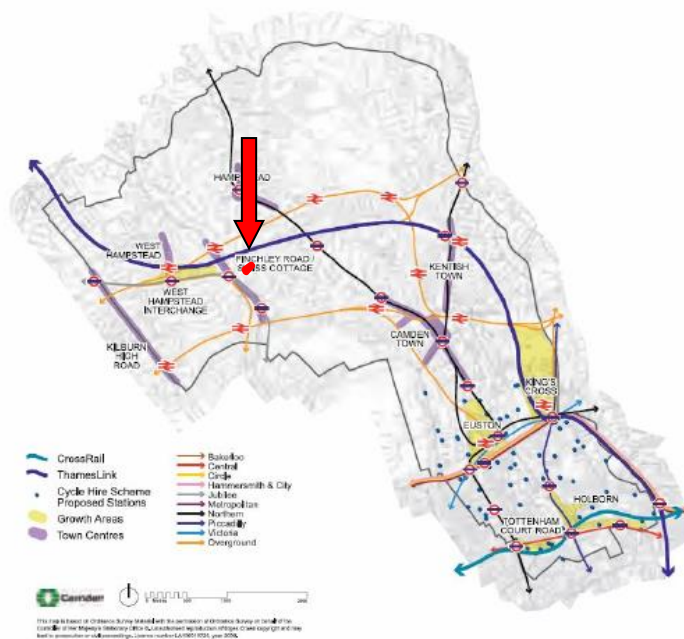
Camden Geological, Hydrogeological and Hydrological
Study - Figure 17

Ref:

GWPR1810

Figure 8

ground&water



Source - London Borough of Camden, January 2010. *Camden Core Strategy Proposed Submission*.

**Camden Geological, Hydrogeological
and Hydrological Study
Transport Infrastructure**

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FIGURE 18

— APPROXIMATE SITE BOUNDARY

NOTE: NOT TO SCALE

Project:
28 Maresfield Gardens, South Hampstead, London NW3 5SX

Figure 9

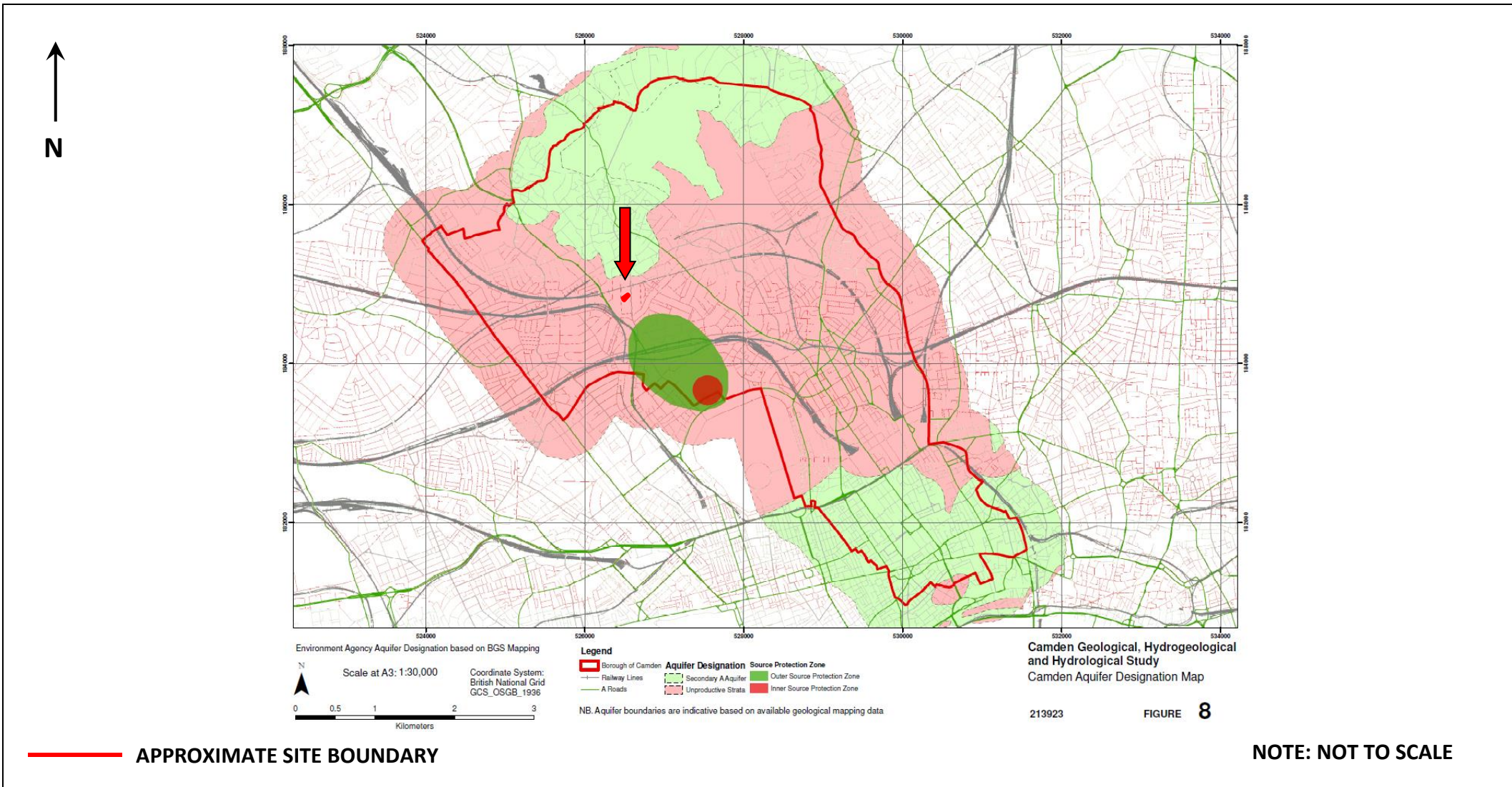
Client:
Mr and Mrs Freedman c/o Vincent and Rymill

Date:
February 2017

**Camden Geological, Hydrogeological and Hydrological
Study - Figure 18**

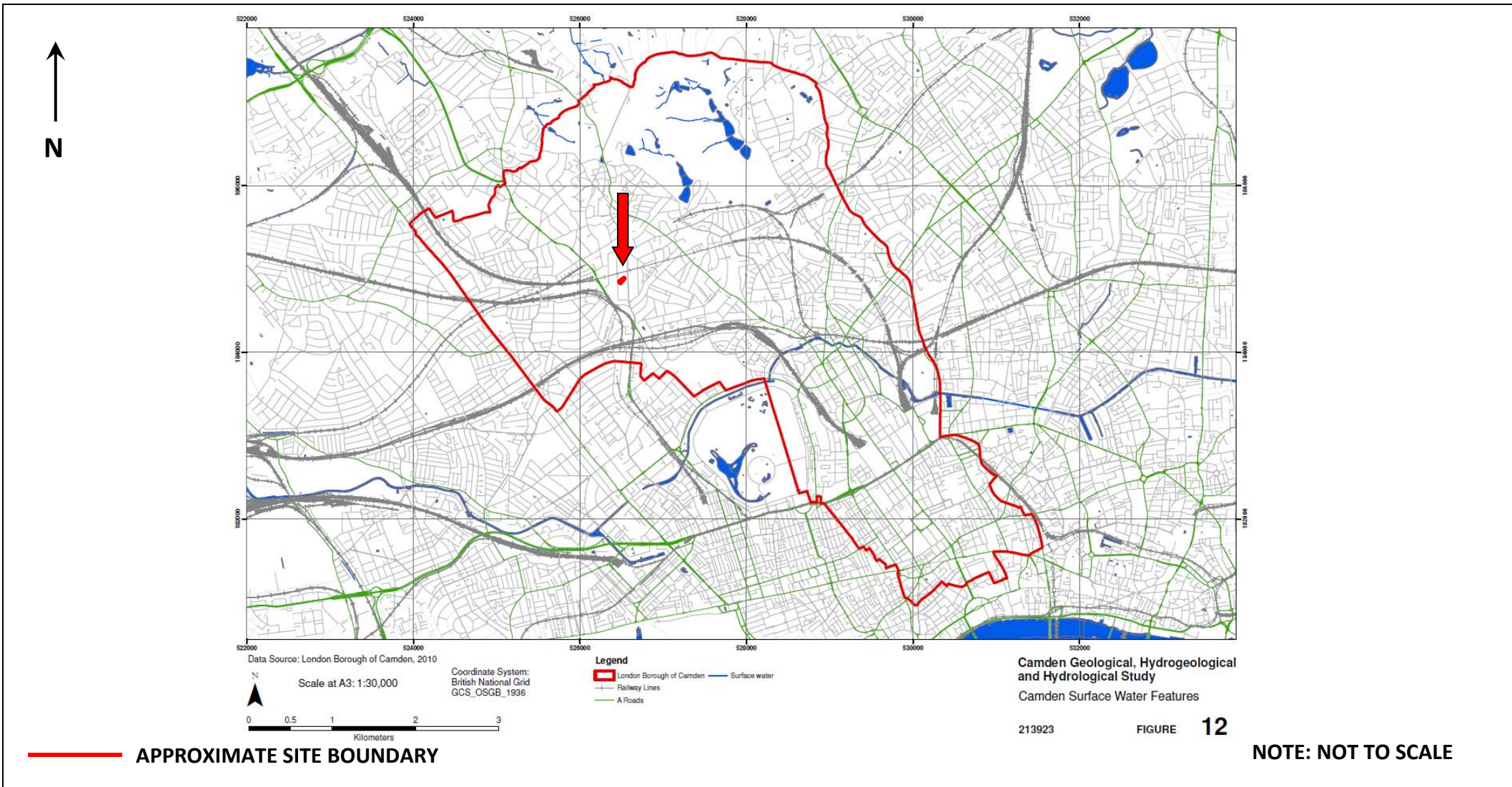
Ref:
GWPR1810






Project:		28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:	February 2017
Camden Geological, Hydrogeological and Hydrological Study - Figure 8		Ref:	GWPR1810

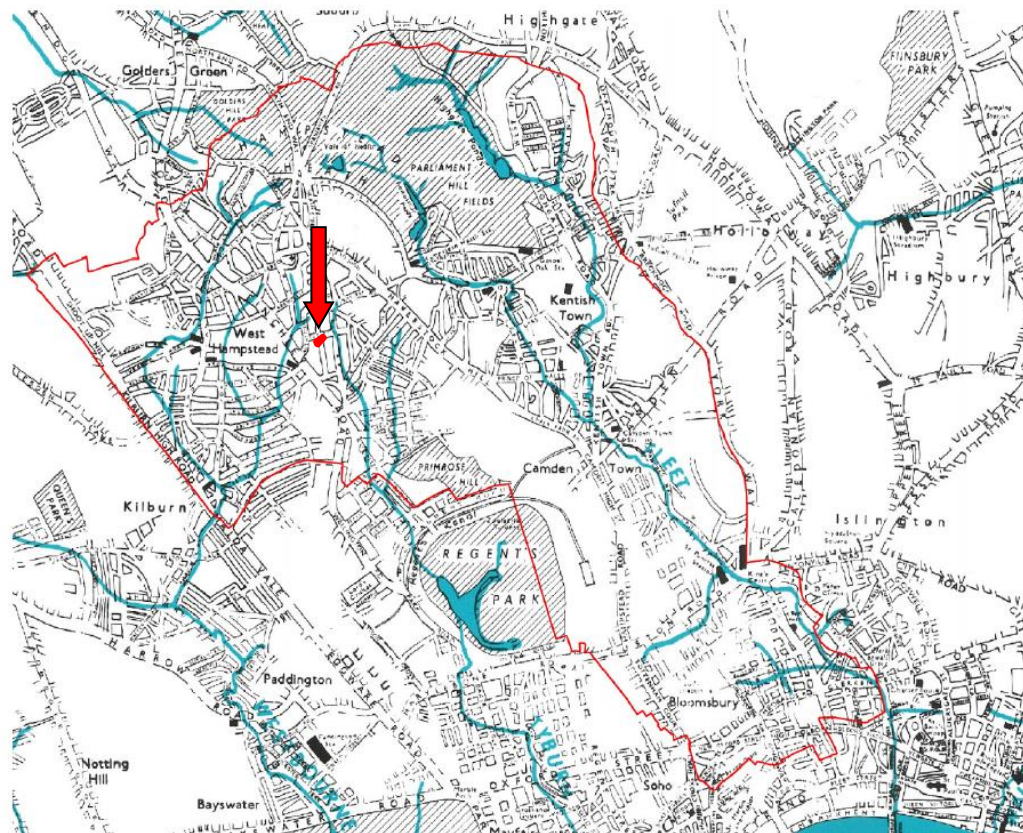
Figure 10



Project:		28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:	February 2017
Camden Geological, Hydrogeological and Hydrological Study - Figure 12		Ref:	GWPR1810

Figure 11





Source – Barton, Lost Rivers of London

Camden Geological, Hydrogeological
and Hydrological Study
Watercourses

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FIGURE 11

 APPROXIMATE SITE BOUNDARY

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Project:

28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client:

Mr and Mrs Freedman c/o Vincent and Rymill

Date:

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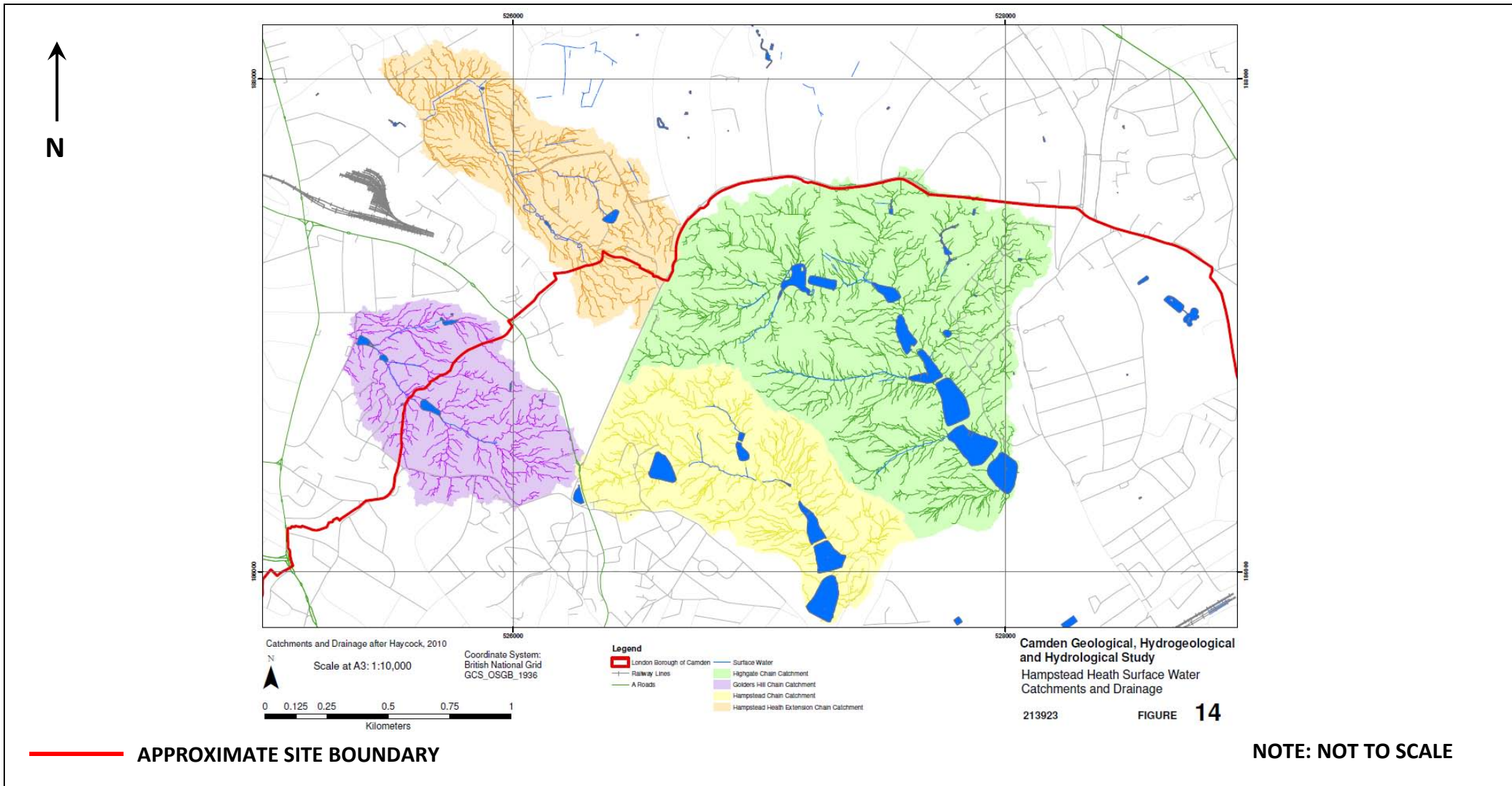
Camden Geological, Hydrogeological and Hydrological
Study - Figure 11

Ref:

GWPR1810

Figure 12

ground&water



Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client: Mr and Mrs Freedman c/o Vincent and Rymill	Date: February 2017
Camden Geological, Hydrogeological and Hydrological Study - Figure 14	Ref: GWPR1810

Figure 13

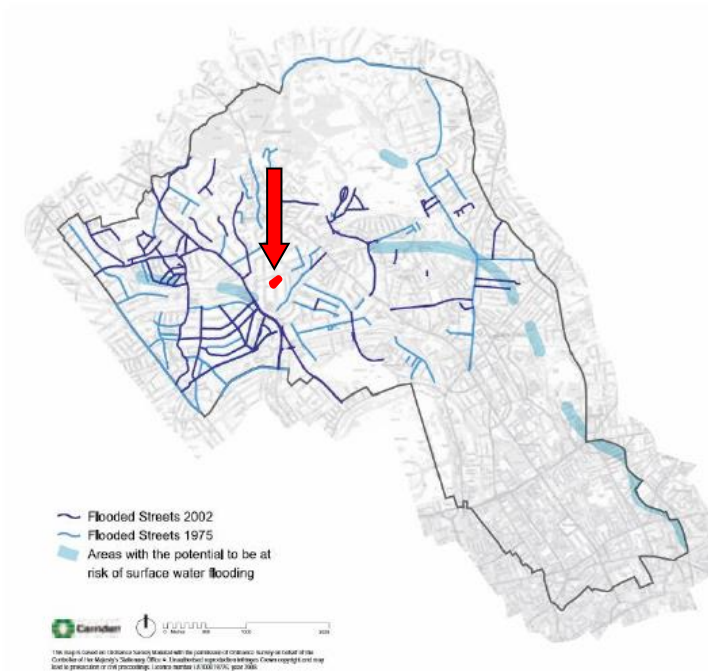


Figure 5 from Core Strategy, London Borough of Camden

Camden Geological, Hydrogeological
and Hydrological Study
Flood Map

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FIGURE 15

NOTE: NOT TO SCALE

— APPROXIMATE SITE BOUNDARY

Project:
28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client:
Mr and Mrs Freedman c/o Vincent and Rymill

Date:
February 2017

Camden Geological, Hydrogeological and Hydrological
Study - Figure 15

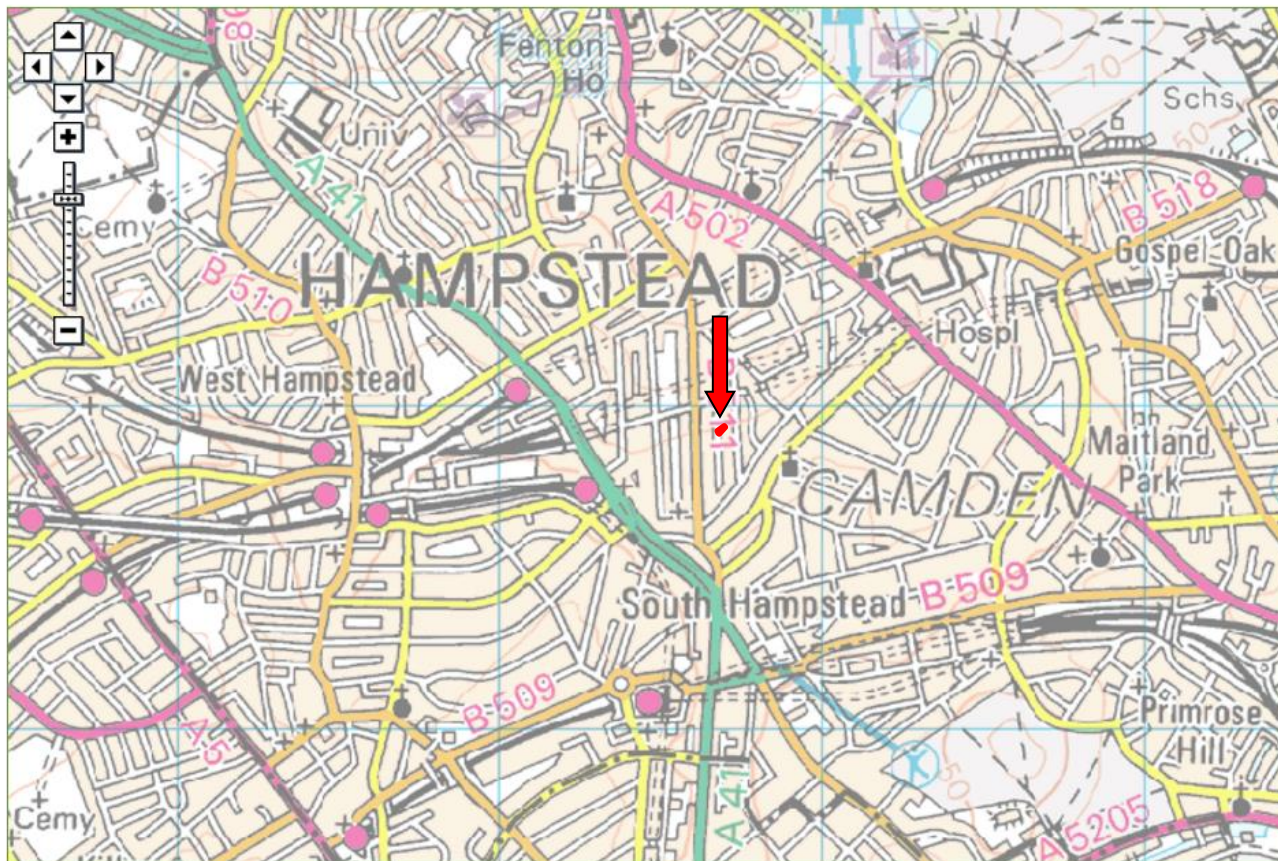
Ref:
GWPR1810

Figure 14

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Map of NW3 5SX at scale 1:20,000

Other maps [Data search](#) [Text only version](#)



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Project: **28 Maresfield Gardens, South Hampstead, London NW3 5SX**

Figure 15

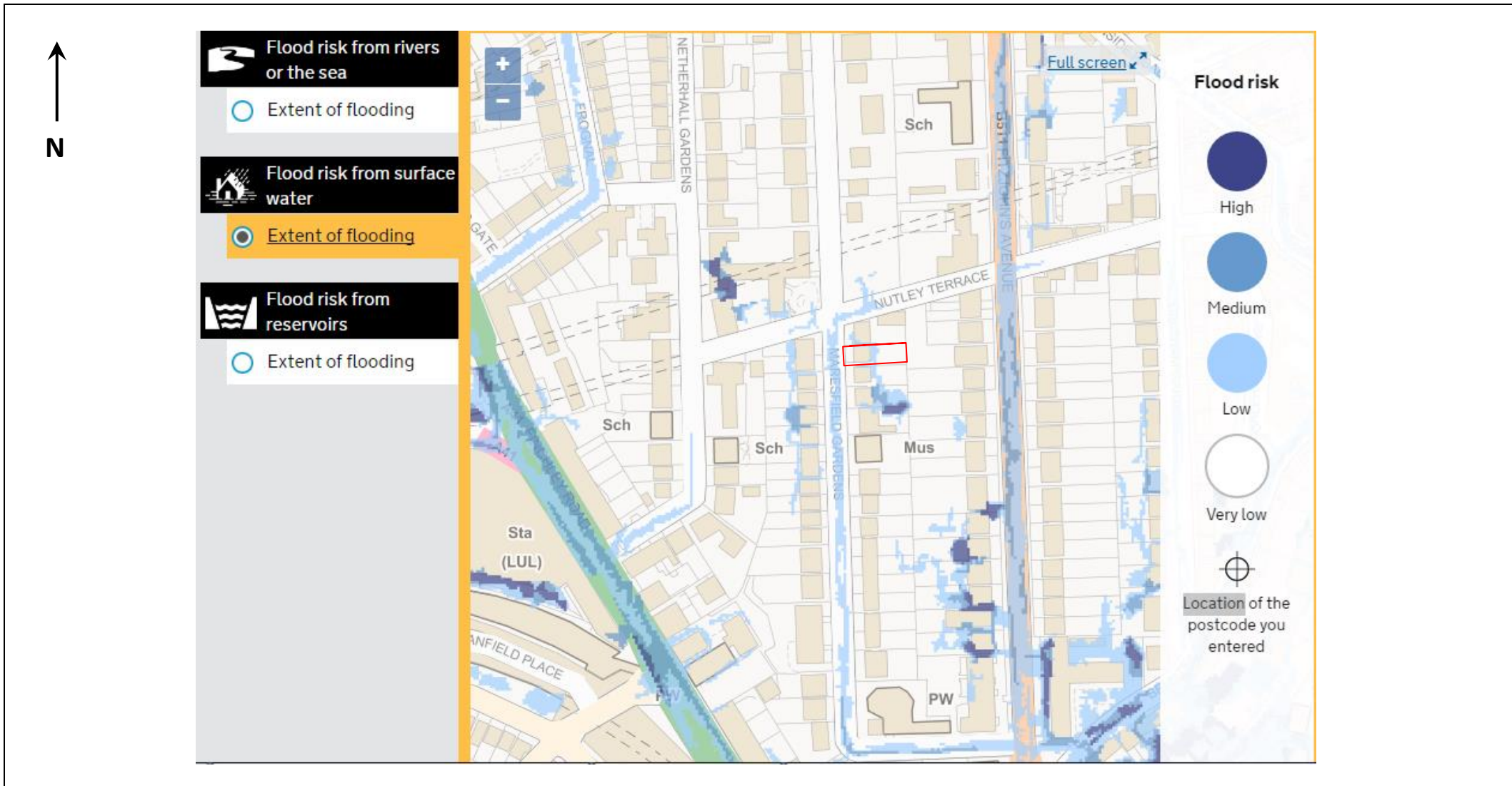
Client: **Mr and Mrs Freedman c/o Vincent and Rymill**

Date: **February 2017**

Flood Map for Planning

Ref: **GWPR1810**





Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client: Mr and Mrs Freedman c/o Vincent and Rymill

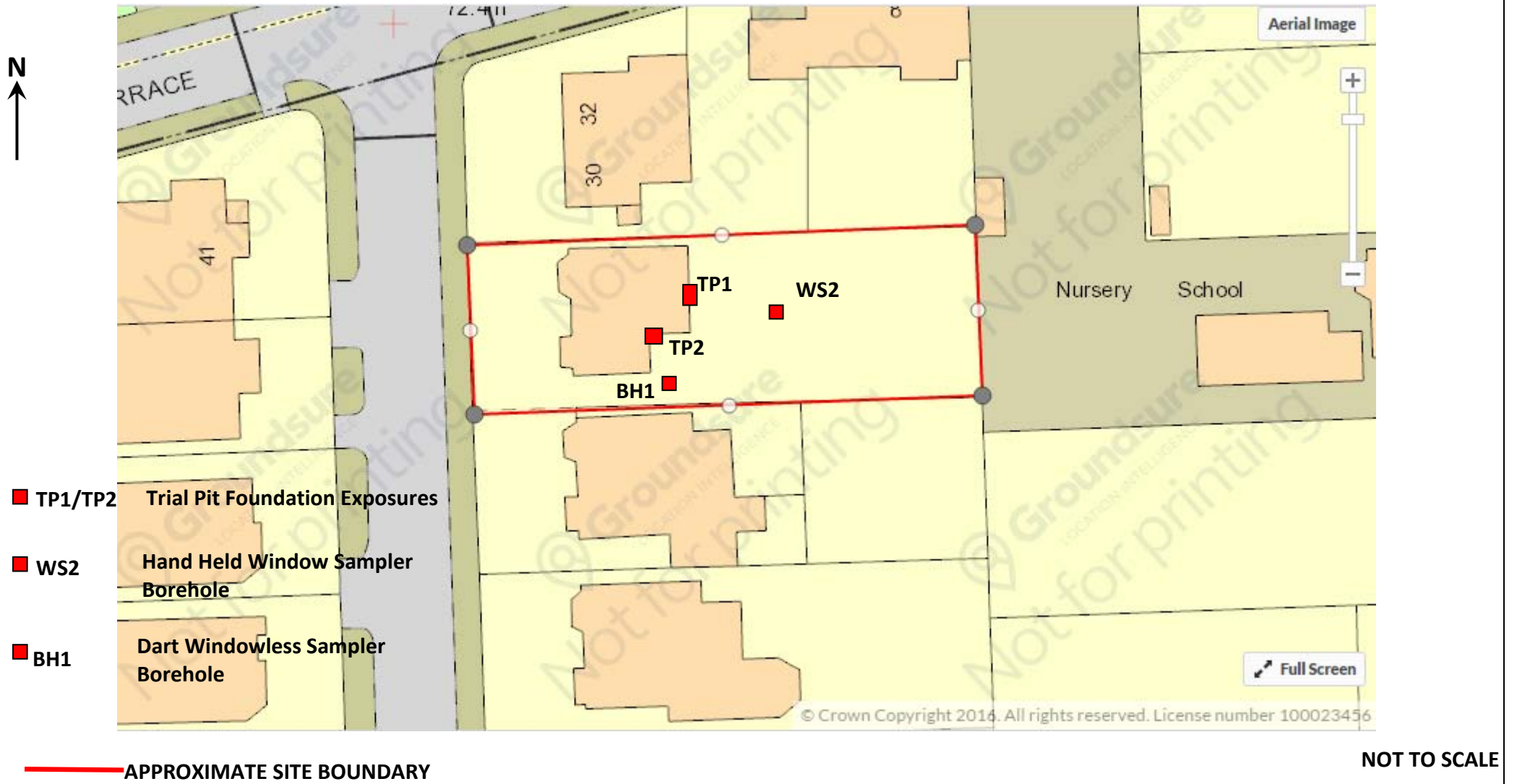
Date: February 2017

Surface Water Flooding Map

Ref: GWPR1810

Figure 16

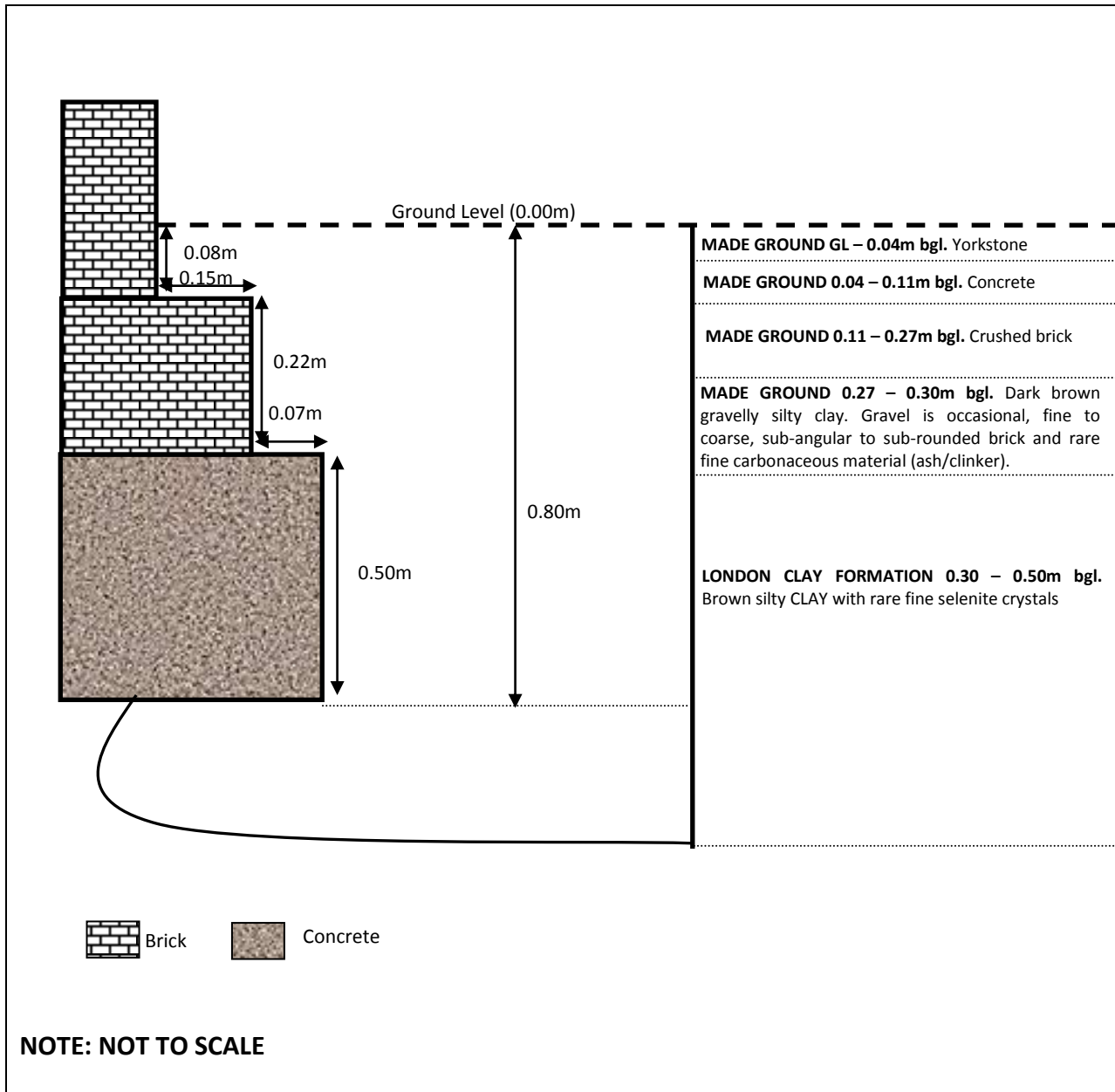
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Project:		28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client:	Mr and Mrs Freedman c/o Vincent and Rymill	Date:	February 2017
Trial Hole Location Plan		Ref:	GWPR1761

Figure 17

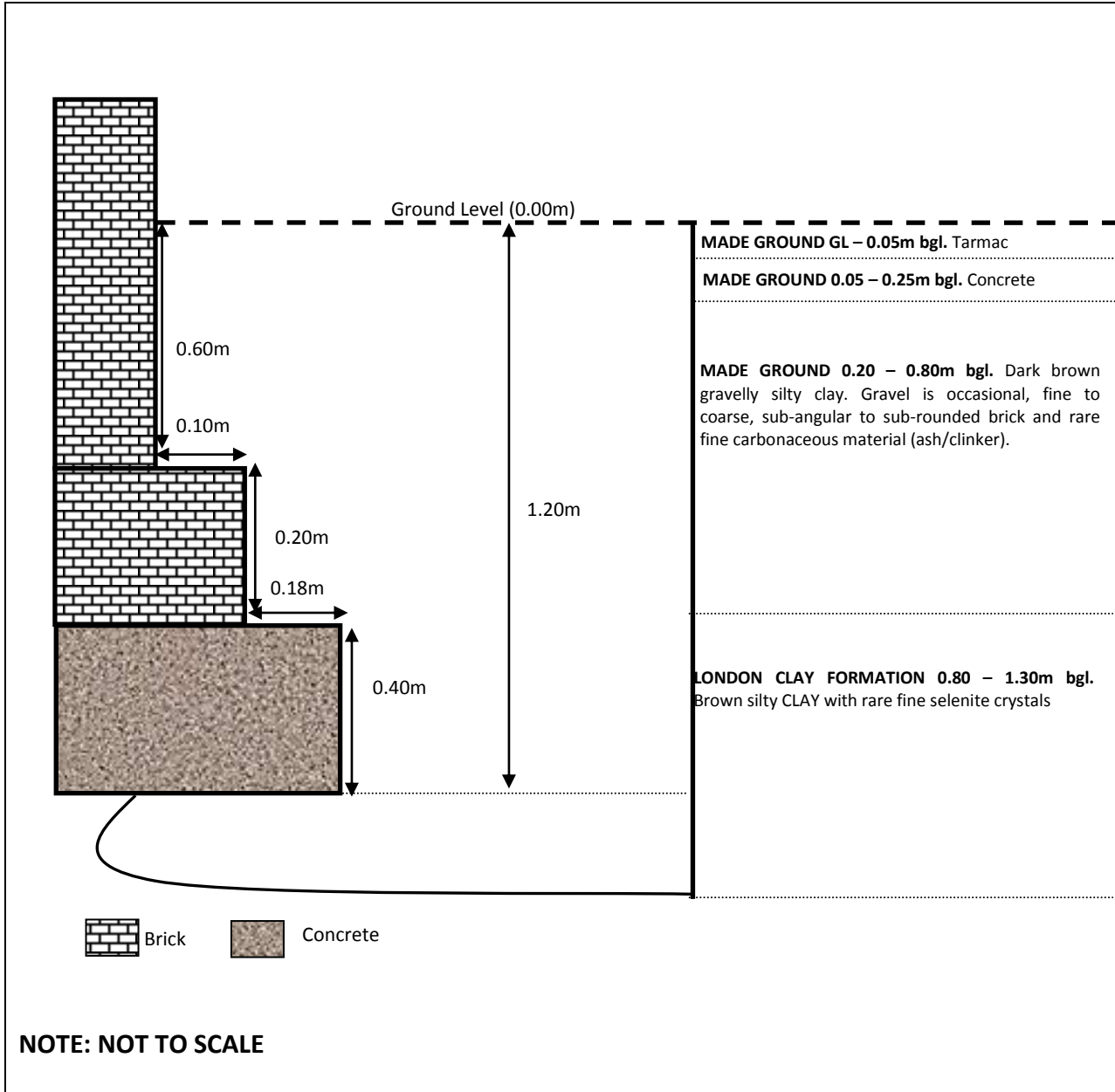
ground&water



Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client: Mr and Mrs Freedman c/o Vincent and Rymill	Date: February 2017
Section Drawing: Foundation Exposure TP/FE1	Ref: GWPR1761

Figure 18

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Project: 28 Maresfield Gardens, South Hampstead, London NW3 5SX	
Client: Mr and Mrs Freedman c/o Vincent and Rymill	Date: February 2017
Section Drawing: Foundation Exposure TP/FE2	Ref: GWPR1761

Figure 19

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Figure 20: Change in Moisture Content With Depth Within BH1

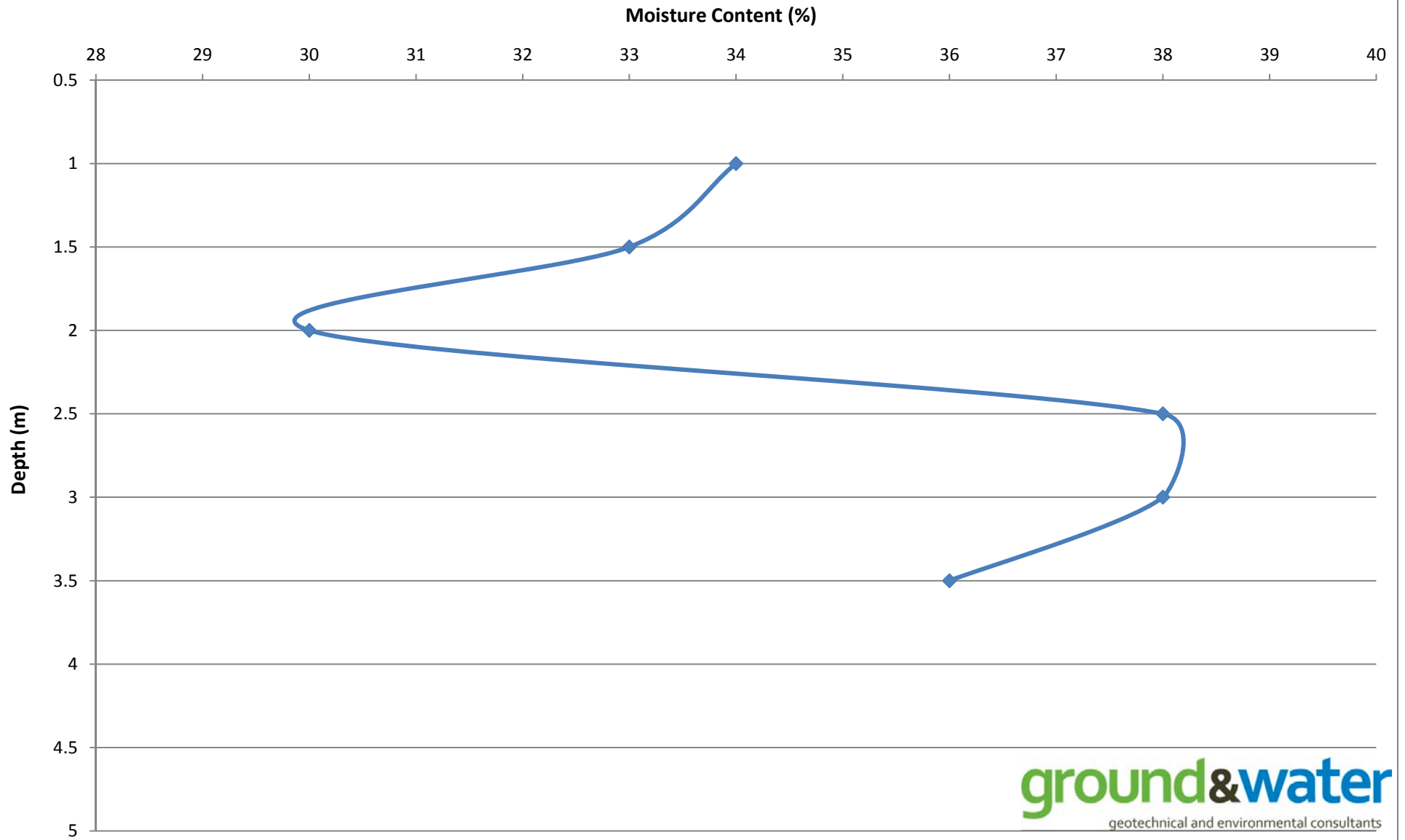
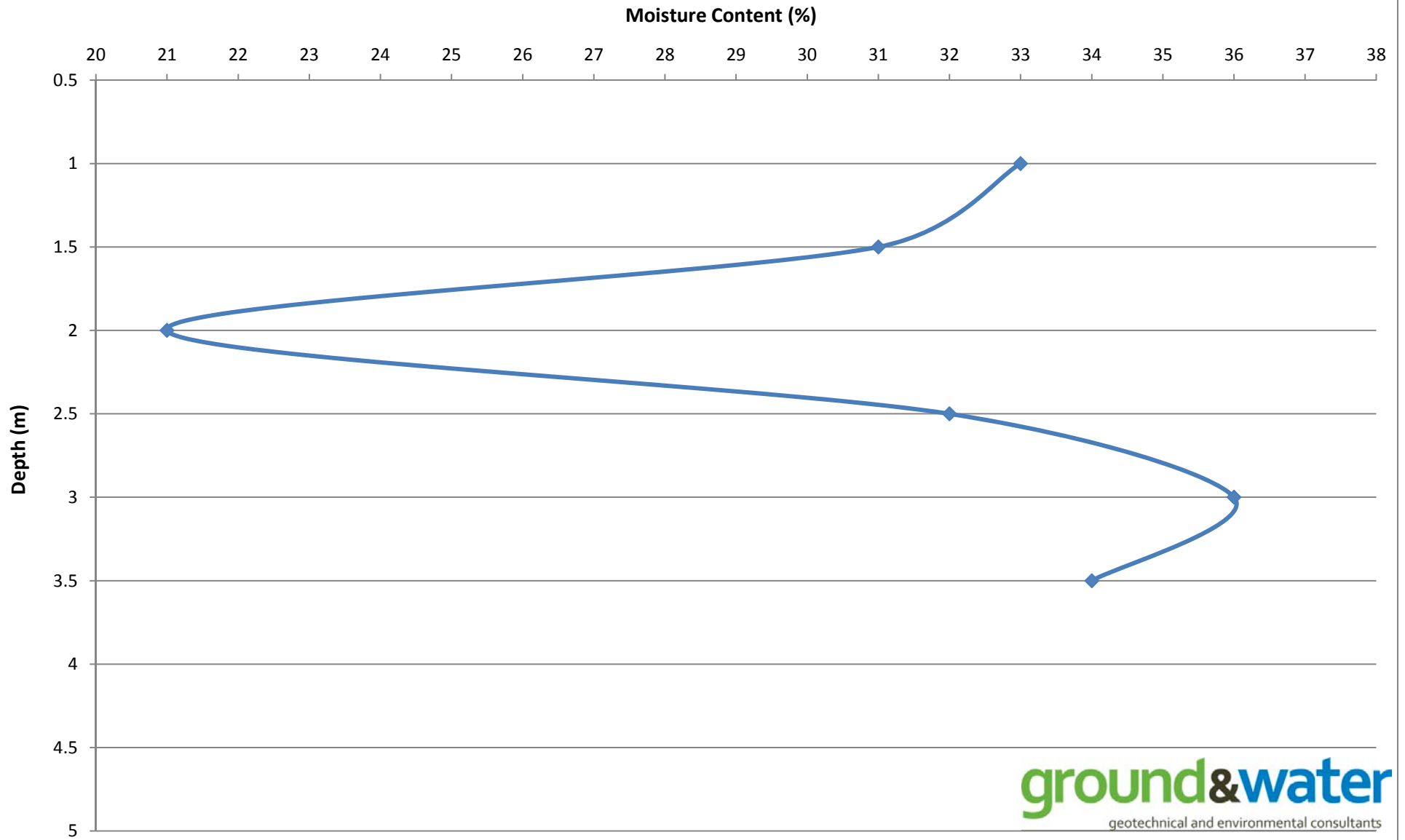
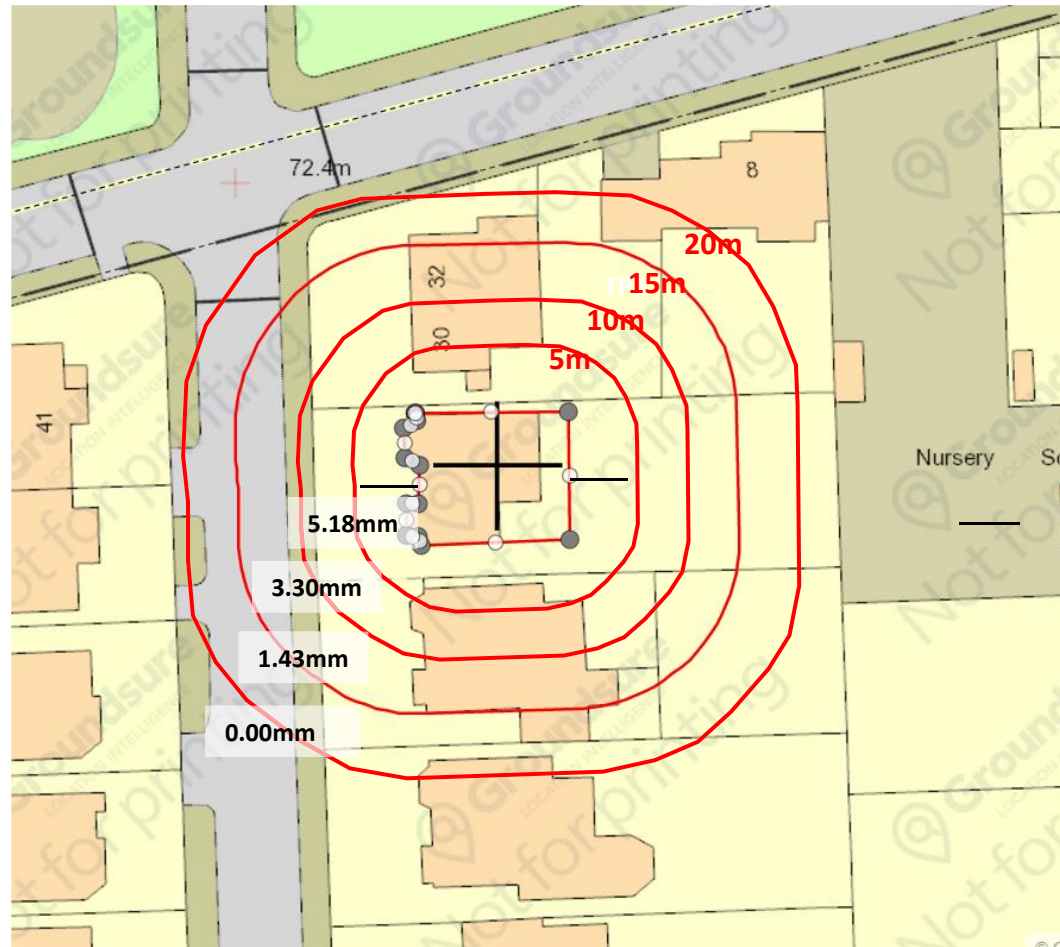


Figure 21: Change in Moisture Content With Depth Within WS2





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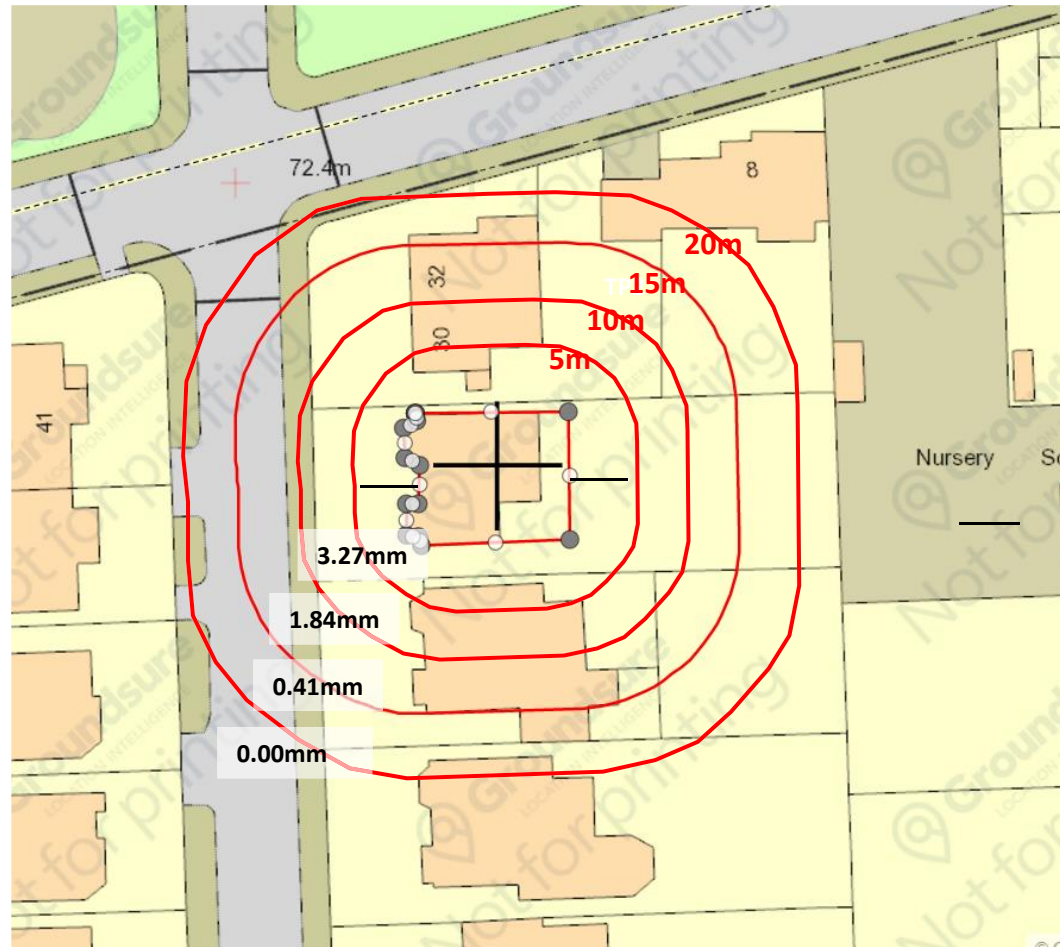
Horizontal Ground Movement – Contour Plot

Ref:

GWPR1761

Figure 22

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— Approximate Site Boundary

NOT TO SCALE

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28 Maresfield Gardens, South Hampstead, London NW3 5SX

Client:

Mr and Mrs Freedman c/o Vincent and Rymill

Date:

February 2017

Vertical Ground Movement – Contour Plot

Ref:

GWPR1761

Figure 23

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