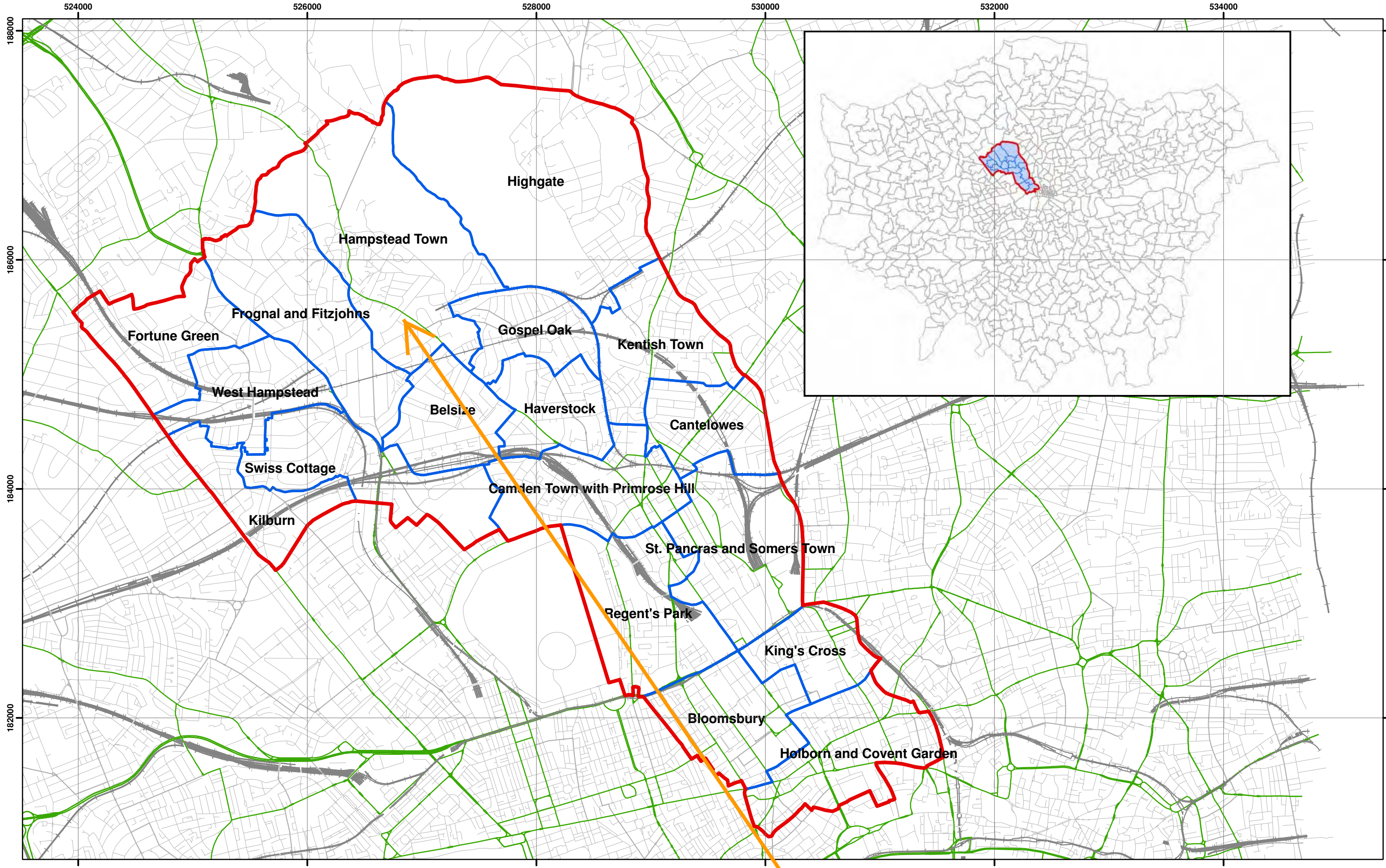


39 ROSSLYN HILL

APPENDIX A – MARK UP HYDRO-GEOLOGICAL FIGURES.

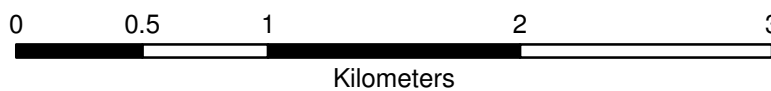


Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

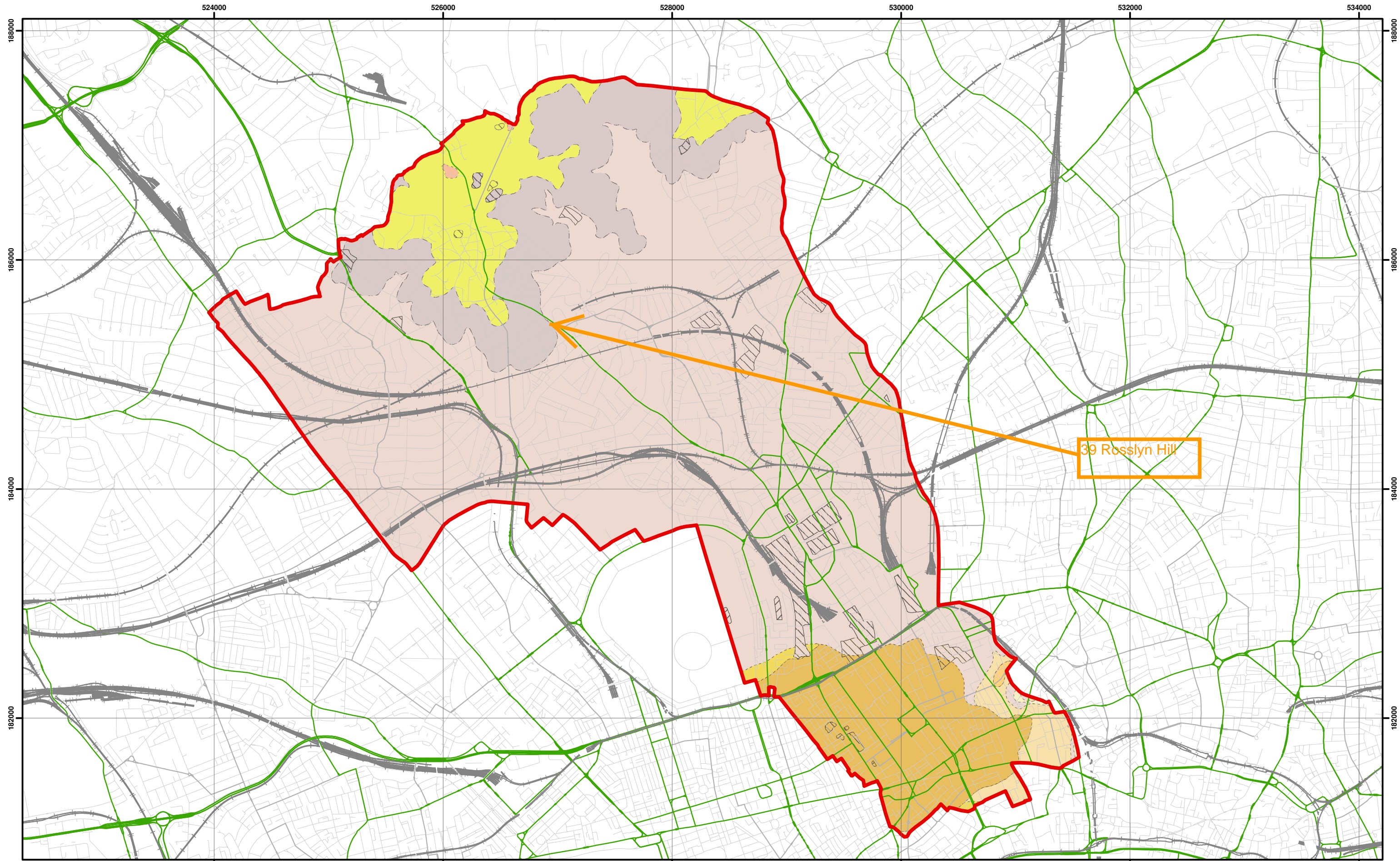
Legend

- London Borough of Camden
- Camden Wards
- Railway Lines
- A Roads



39 Rosslyn Hill

**Camden Geological, Hydrogeological
and Hydrological Study**
Camden Administrative Boundaries



Data source - BGS Mapping - Scale 1:10,000



Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

Legend

- London Borough of Camden
- Railway Lines
- A Roads

- #### BGS 1:10K Artificial Ground
- MADE GROUND
 - WORKED GROUND

- #### BGS 1:10K Drift Geology
- ALLUVIUM
 - HACKNEY GRAVEL FORMATION
 - LANGLEY SILT FORMATION
 - LYNCH HILL GRAVEL FORMATION
 - STANMORE GRAVEL FORMATION

- #### BGS 1:10K Solid Geology
- BAGSHOT FORMATION
 - CLAYGATE MEMBER
 - LAMBETH GROUP
 - LONDON CLAY FORMATION

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

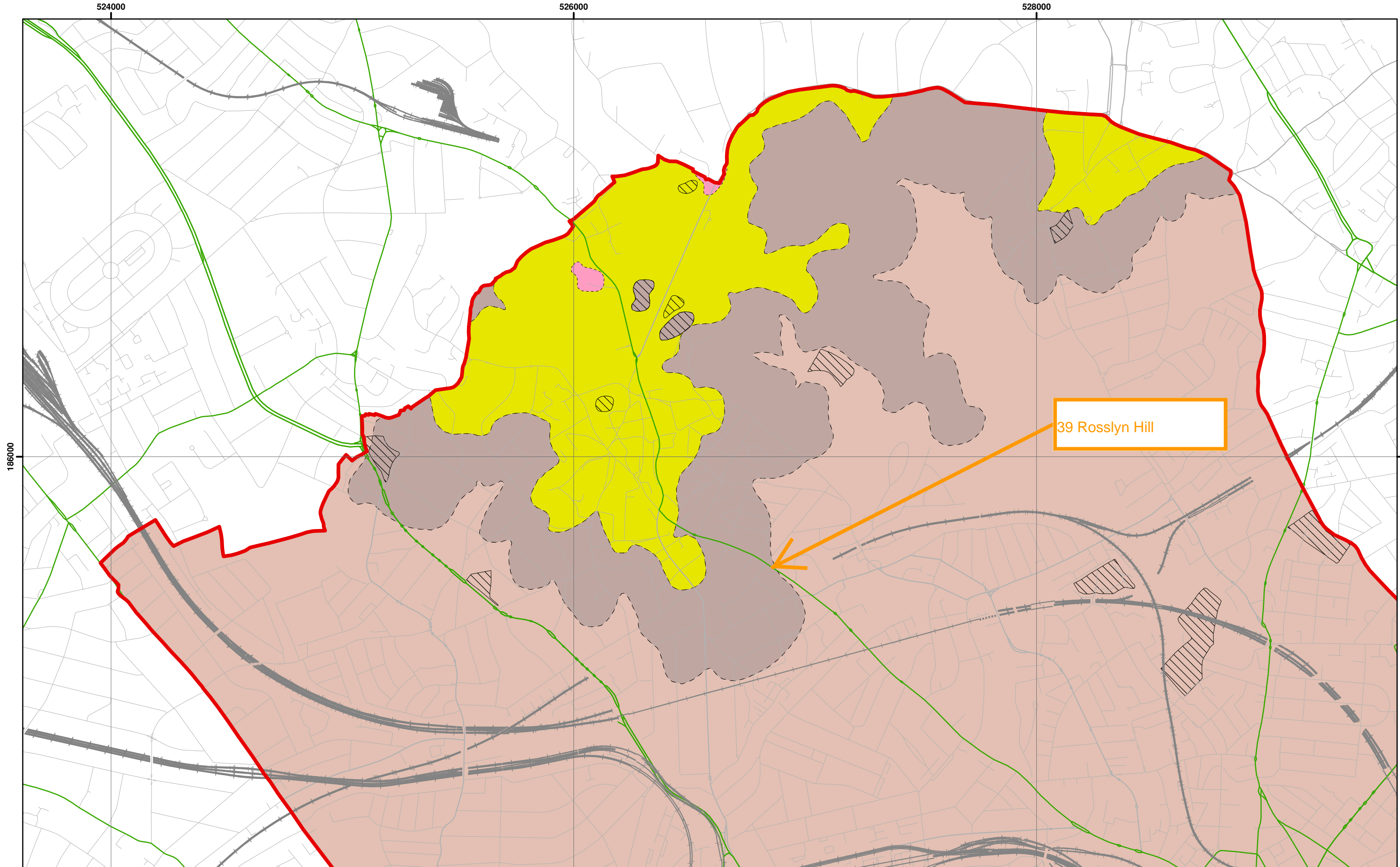
Camden Geological, Hydrogeological and Hydrological Study

Camden Geological Map

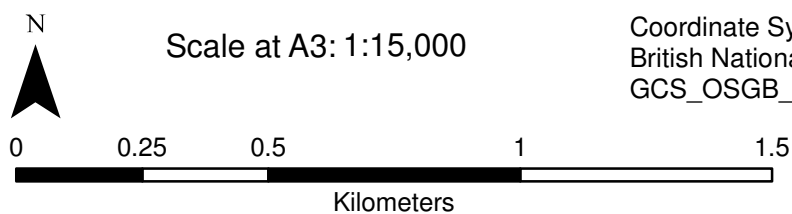
213923

FIGURE

3



Data Source: BGS Mapping - Scale 1:10,000



Scale at A3: 1:15,000

Coordinate System:
British National Grid
GCS_OSGB_1936

Legend



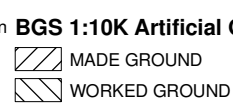
London Borough of Camden



Railway Lines



A Roads



MADE GROUND

WORKED GROUND

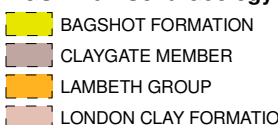
BGS 1:10K Artificial Ground



BGS 1:10K Drift Geology

ALLUVIUM
HACKNEY GRAVEL FORMATION
LANGLEY SILT FORMATION
LYNCH HILL GRAVEL FORMATION
STANMORE GRAVEL FORMATION

BGS 1:10K Solid Geology



BGS 1:10K Solid Geology

BAGSHOT FORMATION
CLAYGATE MEMBER
LAMBETH GROUP
LONDON CLAY FORMATION

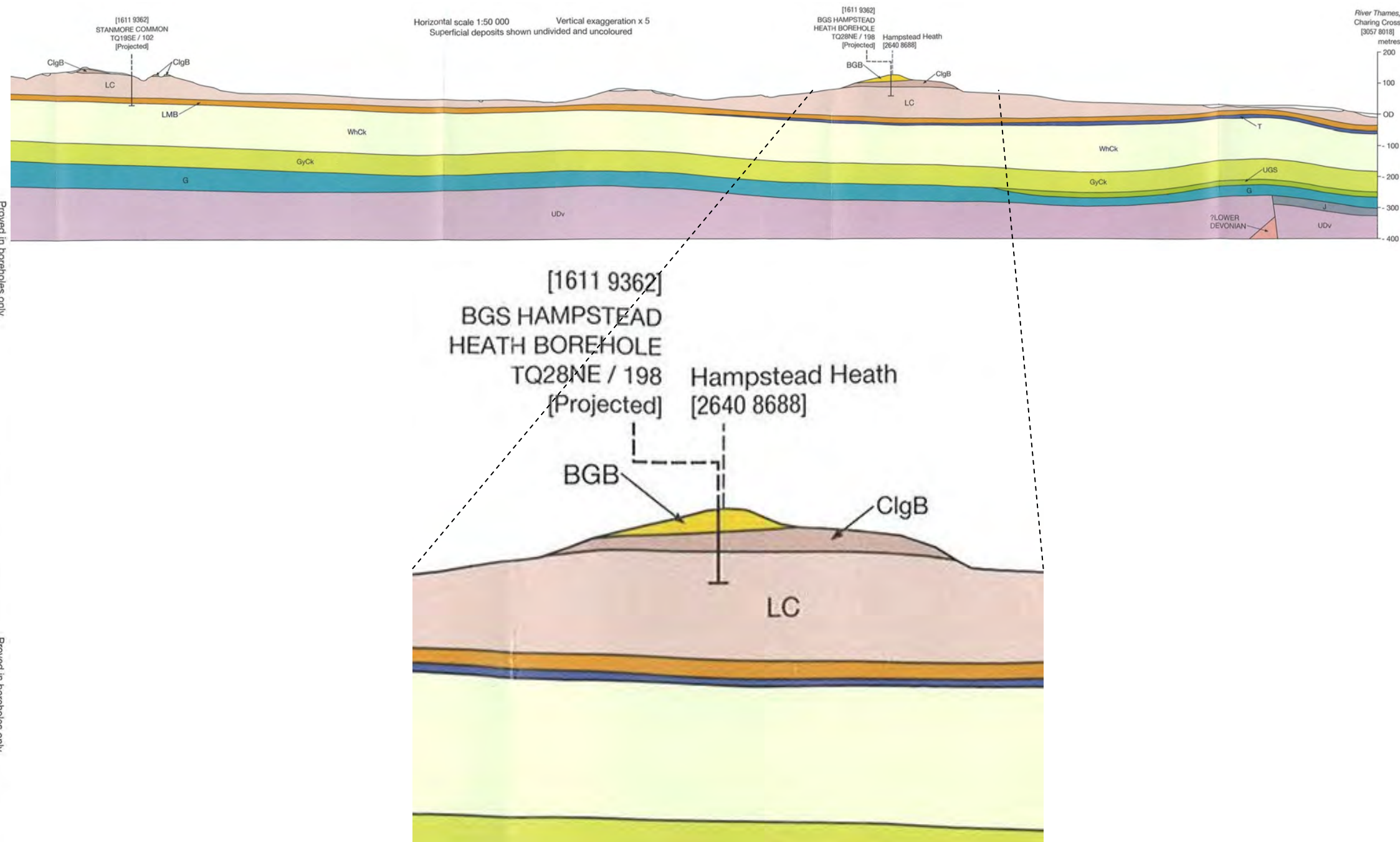
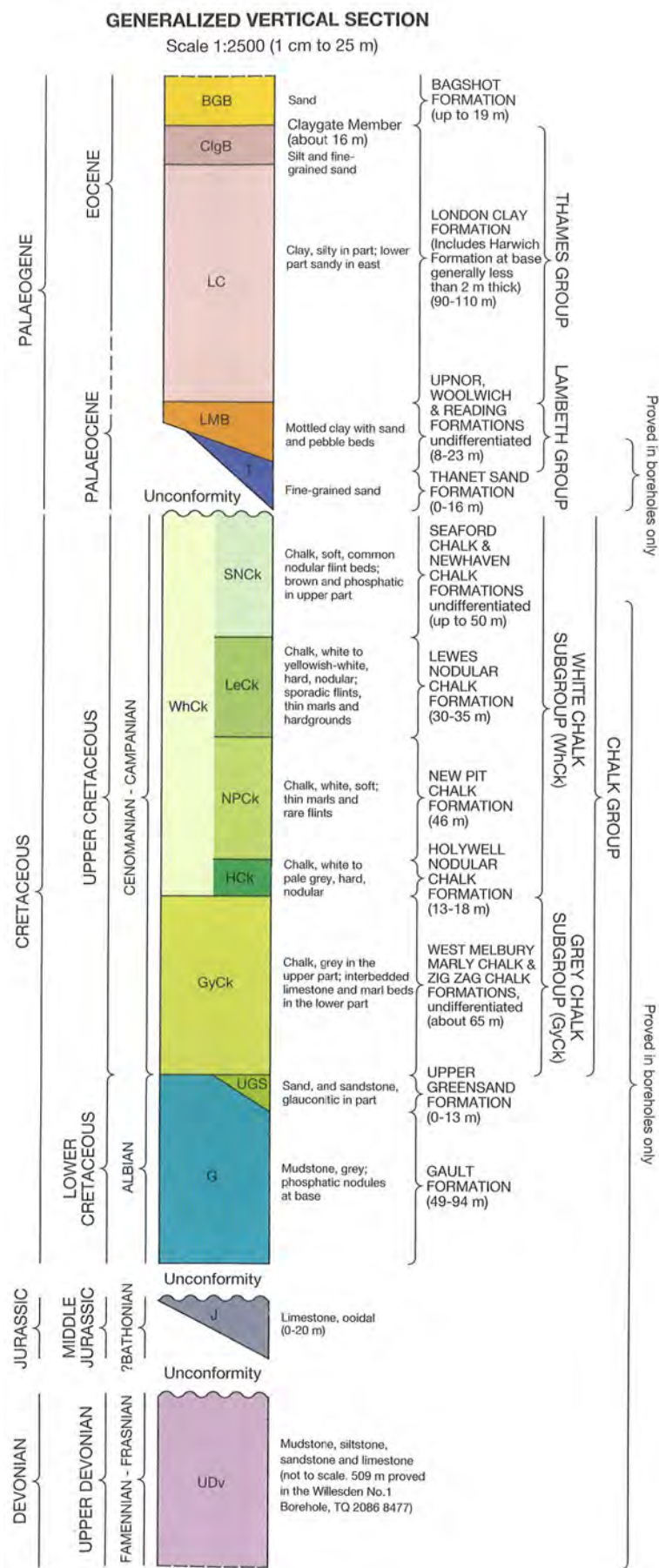
**Camden Geological, Hydrogeological
and Hydrological Study**
North Camden Geological Map

213923

FIGURE

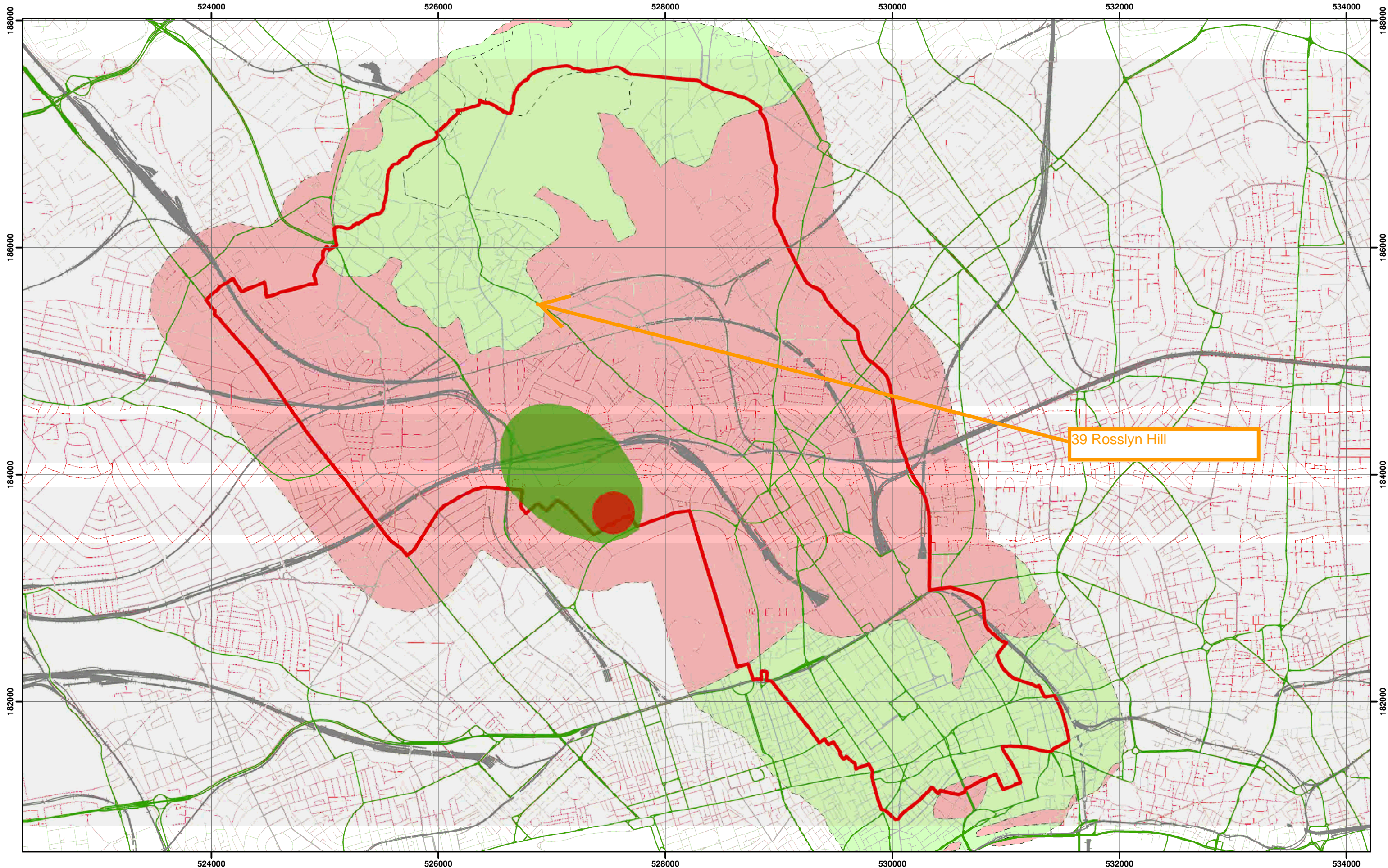
4

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



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

**Camden Geological, Hydrogeological
and Hydrological Study**
Geological Long Section (NW – SE)



Environment Agency Aquifer Designation based on BGS Mapping

N

Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

0 0.5 1 2 3
Kilometers

Legend

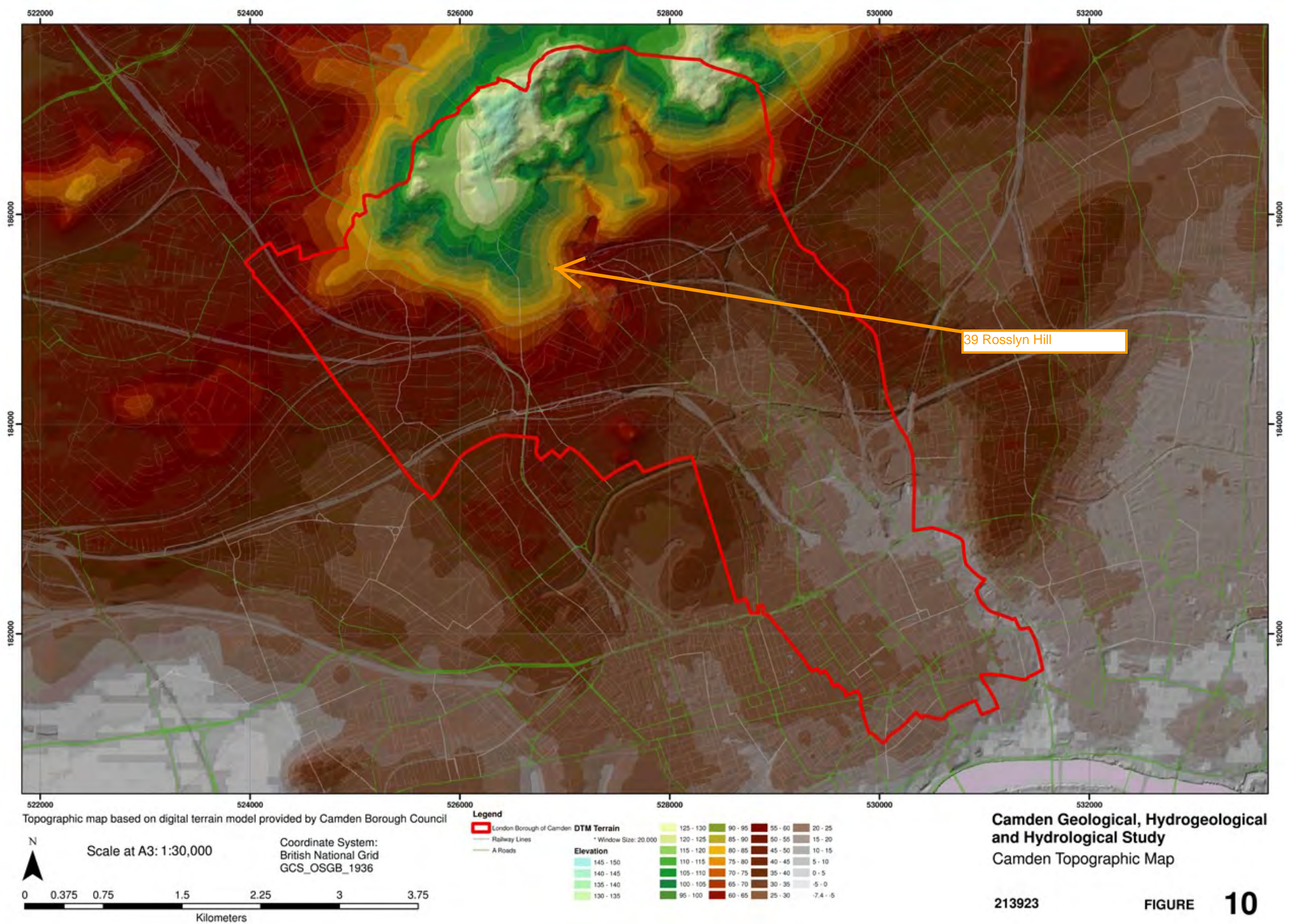
Borough of Camden	Aquifer Designation	Source Protection Zone
Railway Lines	Secondary A Aquifer	Outer Source Protection Zone
A Roads	Unproductive Strata	Inner Source Protection Zone

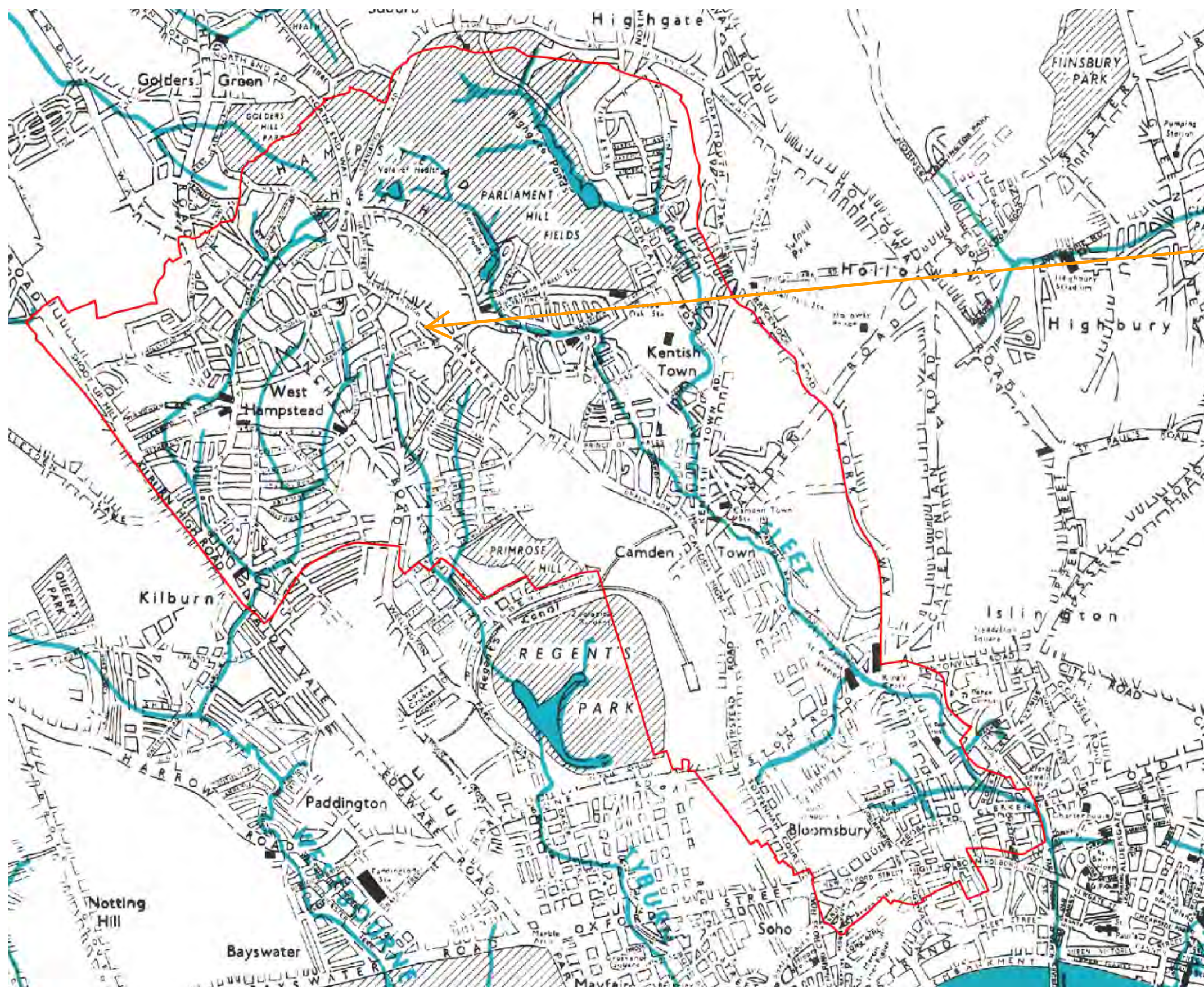
NB. Aquifer boundaries are indicative based on available geological mapping data

**Camden Geological, Hydrogeological
and Hydrological Study**
Camden Aquifer Designation Map

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FIGURE **8**

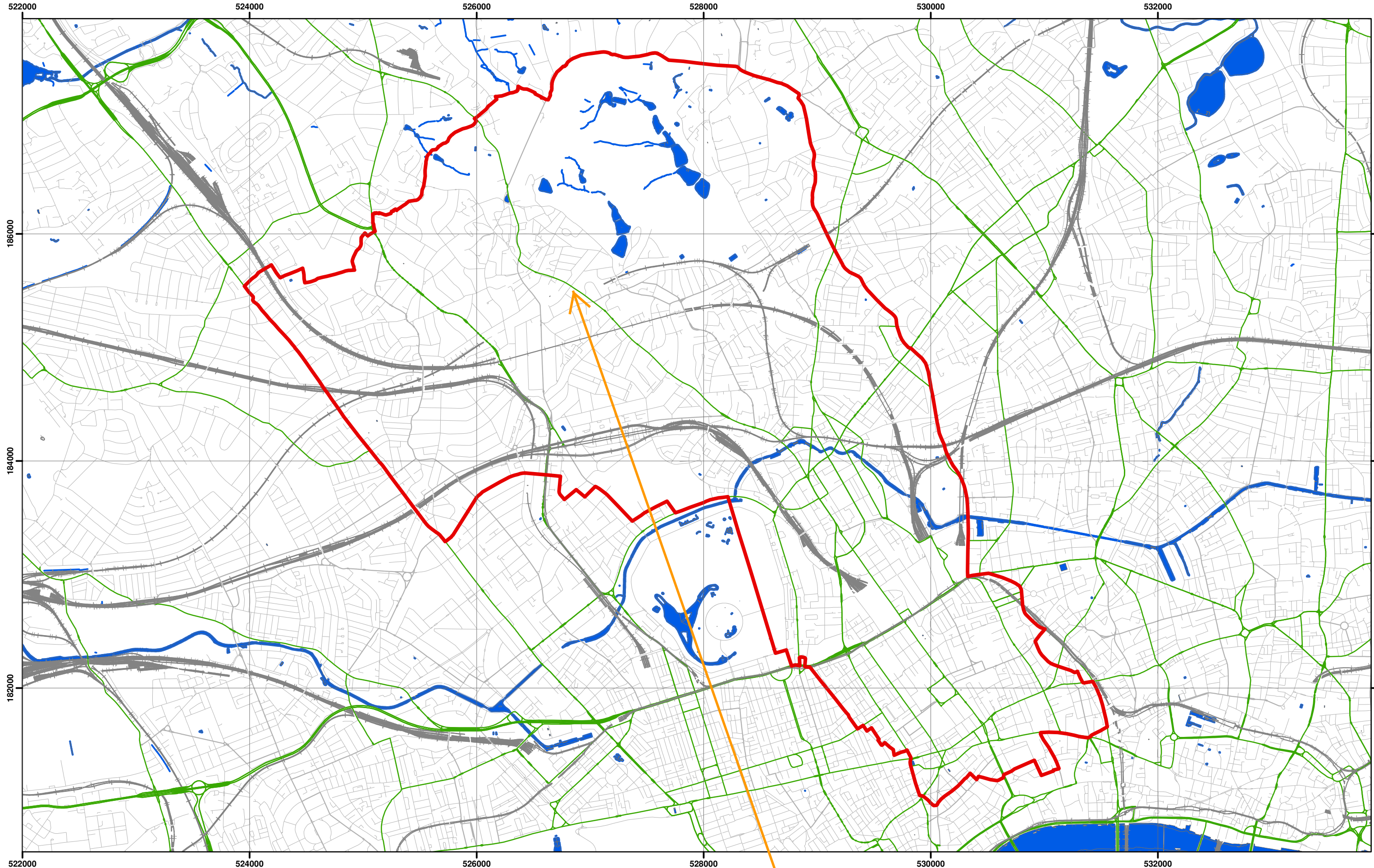




39 Rosslyn Hill

Camden Geological, Hydrogeological and Hydrological Study
Watercourses

Source – Barton, Lost Rivers of London



Data Source: London Borough of Camden, 2010



Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

Legend

- London Borough of Camden
- Surface water
- Railway Lines
- A Roads

39 Rosslyn Hill

Camden Geological, Hydrogeological and Hydrological Study

Camden Surface Water Features

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FIGURE

12

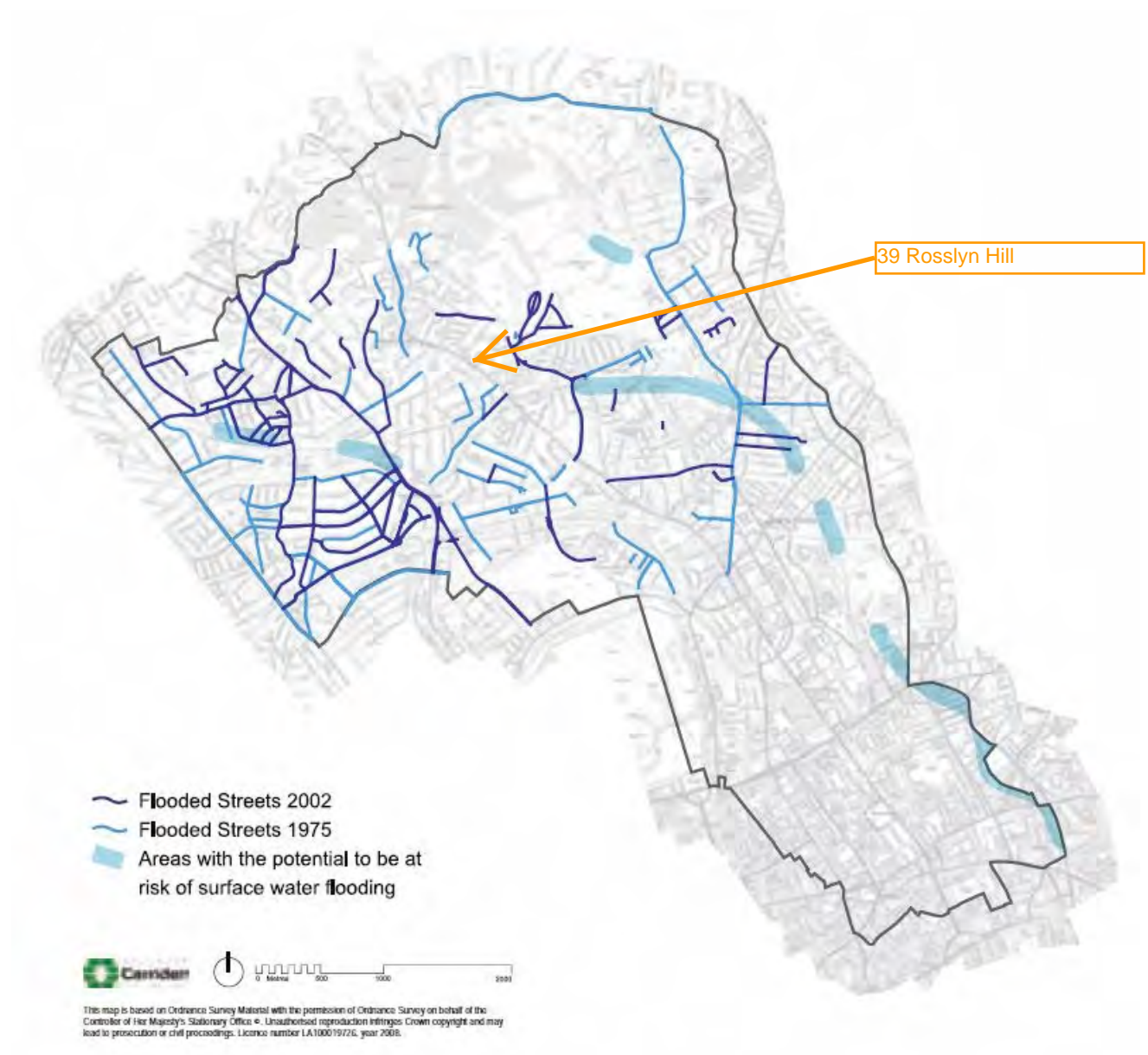
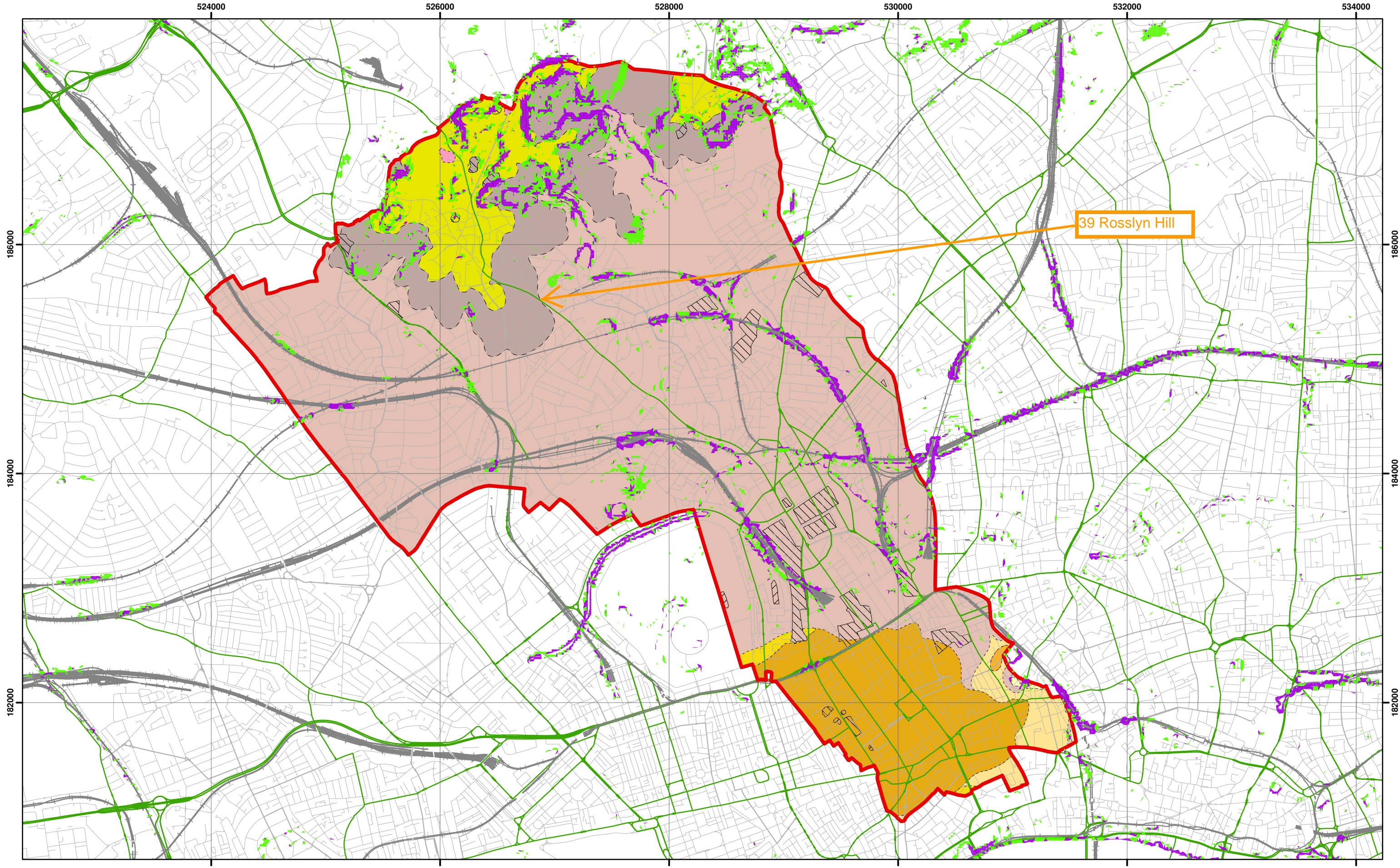


Figure 5 from Core Strategy, London Borough of Camden

Camden Geological, Hydrogeological and Hydrological Study Flood Map

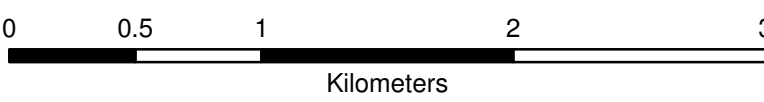


Slope Angles calculated from Digital Terrain Model Provided By Camden Borough Council



Scale at A3: 1:30,000

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



- Legend**
- | | | | | |
|--------------|--------------------------|------------------------------------|--------------------------------|--------------------------------|
| Slope | London Borough of Camden | BGS 1:10K Artificial Ground | BGS 1:10K Drift Geology | BGS 1:10K Solid Geology |
| 0° - 7° | Railway Lines | MADE GROUND | ALLUVIUM | BAGSHOT FORMATION |
| 7° - 10° | A Roads | WORKED GROUND | HACKNEY GRAVEL FORMATION | CLAYGATE MEMBER |
| > 10° | | | LANGLEY SILT FORMATION | LAMBETH GROUP |
| | | | LYNCH HILL GRAVEL FORMATION | LONDON CLAY FORMATION |
| | | | STANMORE GRAVEL FORMATION | |

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

Camden Geological, Hydrogeological and Hydrological Study

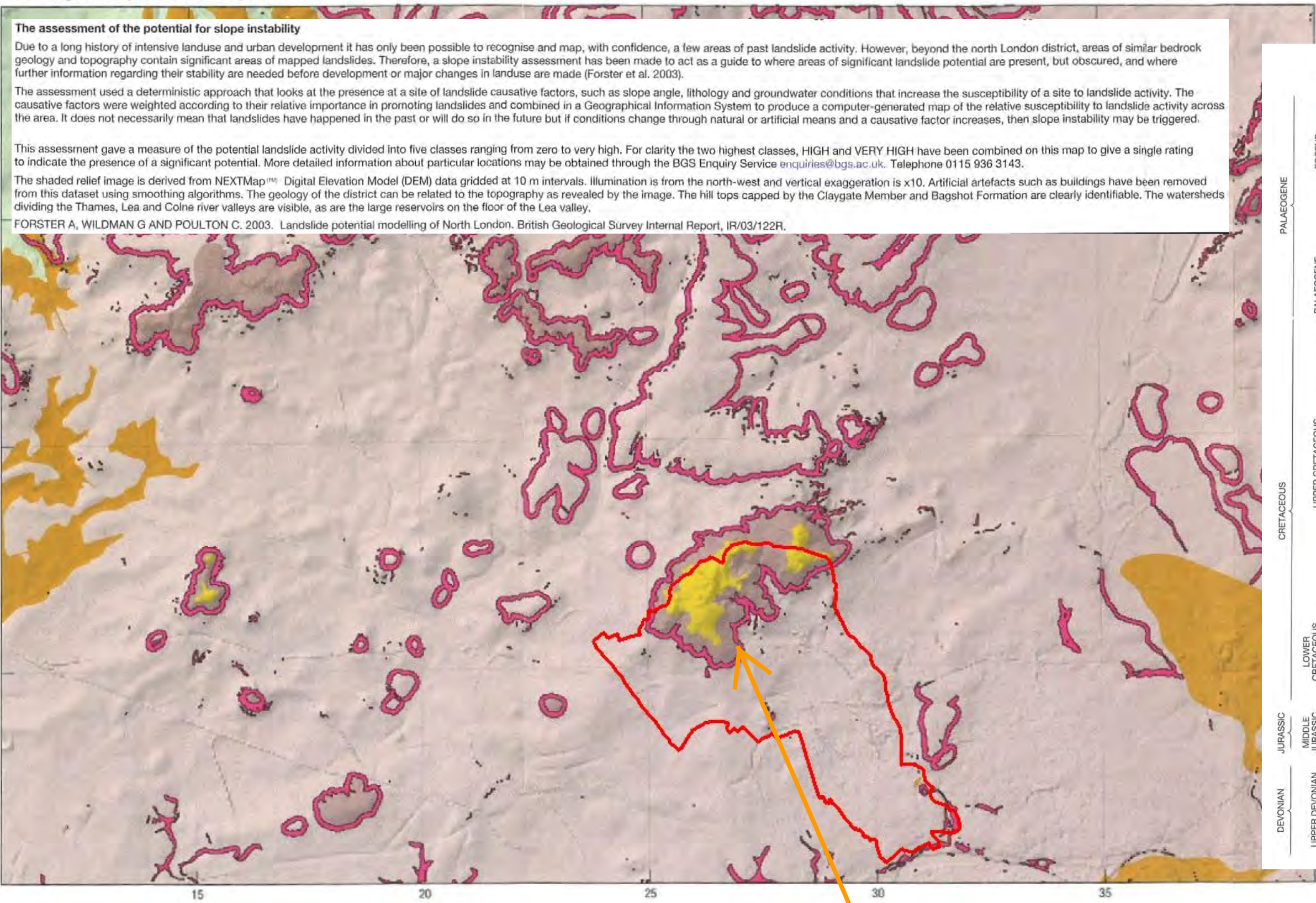
Slope Angle Map

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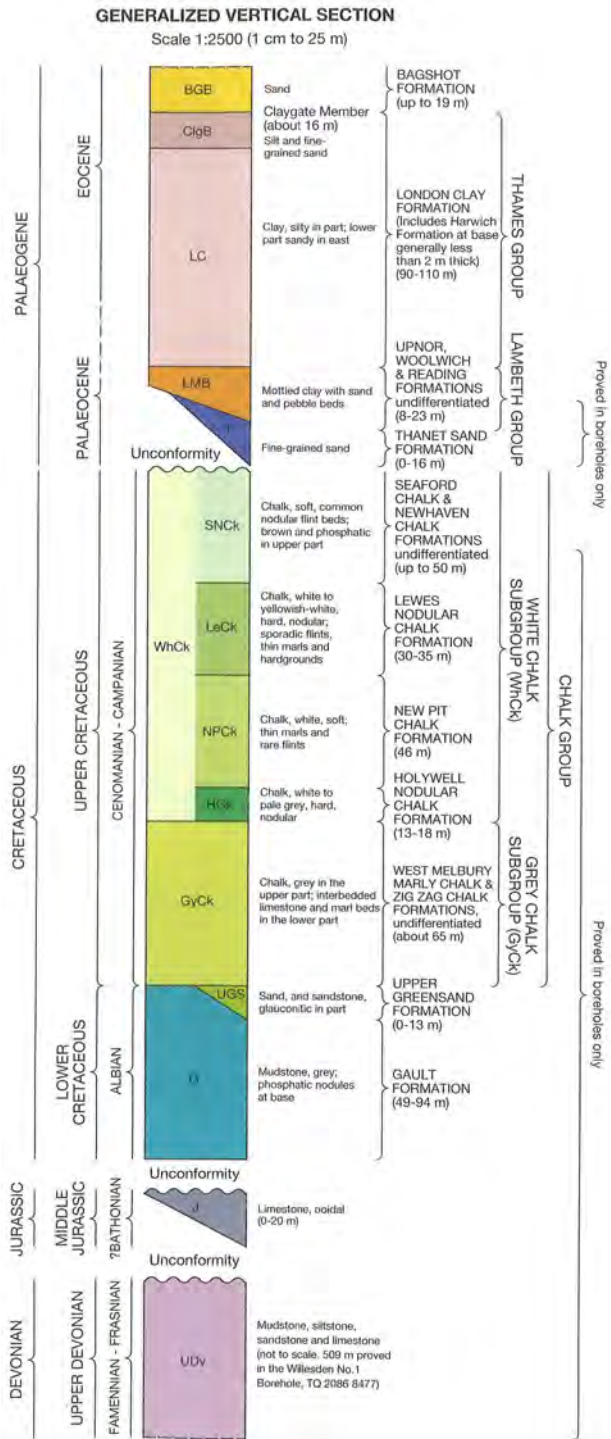
FIGURE

16

Areas of greatest potential for slope instability



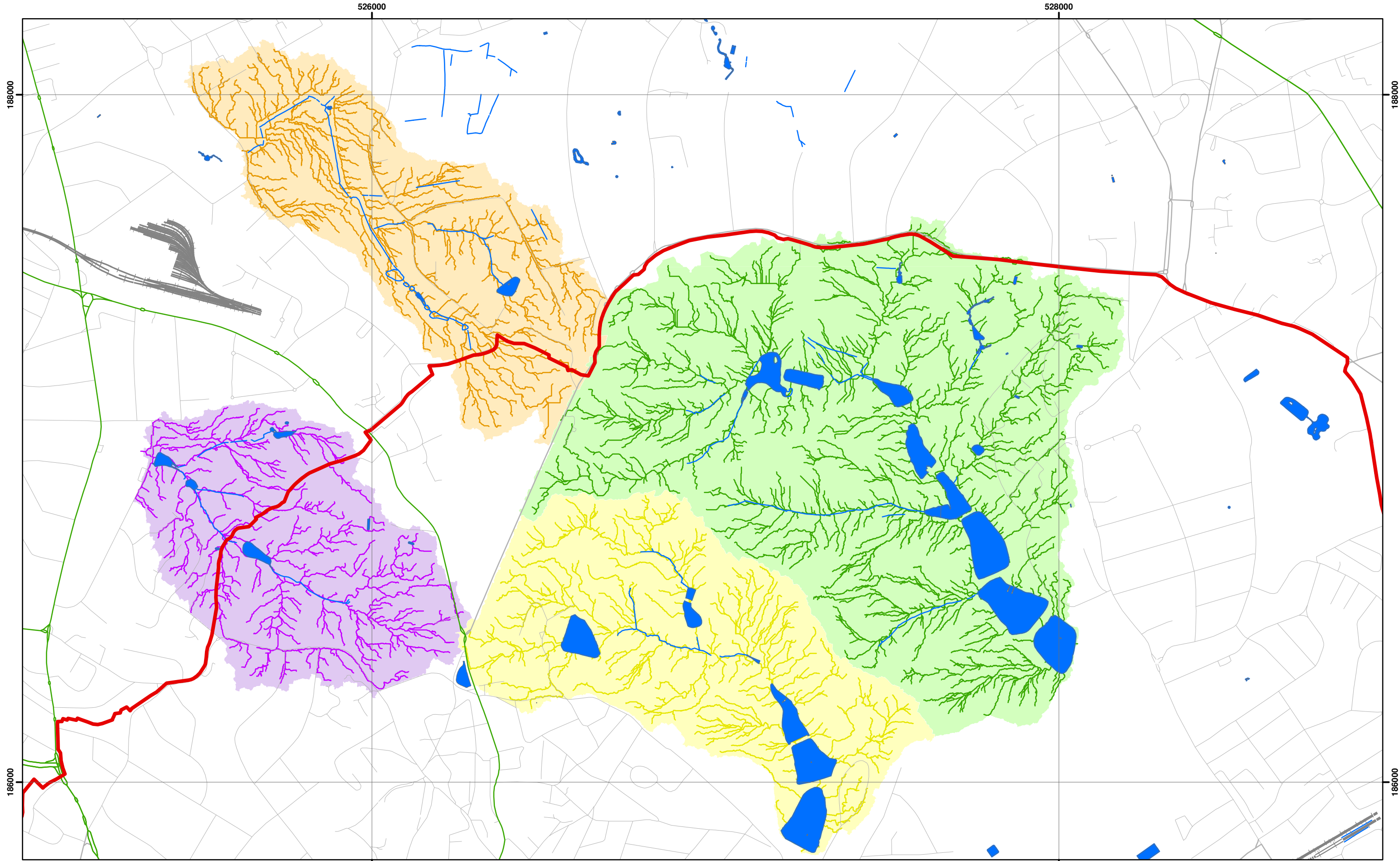
Areas of significant landslide potential



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

39 Rosslyn Hill

Camden Geological, Hydrogeological
and Hydrological Study
Areas of landslide potential



Catchments and Drainage after Haycock, 2010



Scale at A3: 1:10,000

Coordinate System:
British National Grid
GCS_OSGB_1936

Legend

- London Borough of Camden
- Surface Water
- Railway Lines
- A Roads
- Highgate Chain Catchment
- Golders Hill Chain Catchment
- Hampstead Chain Catchment
- Hampstead Heath Extension Chain Catchment

Camden Geological, Hydrogeological and Hydrological Study

Hampstead Heath Surface Water
Catchments and Drainage

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FIGURE **14**

