

524000 526000 528000 530000 532000 534000

188000

186000

184000

182000

188000

186000

184000

182000

524000 526000 528000 530000 532000 534000



Scale at A3: 1:30,000

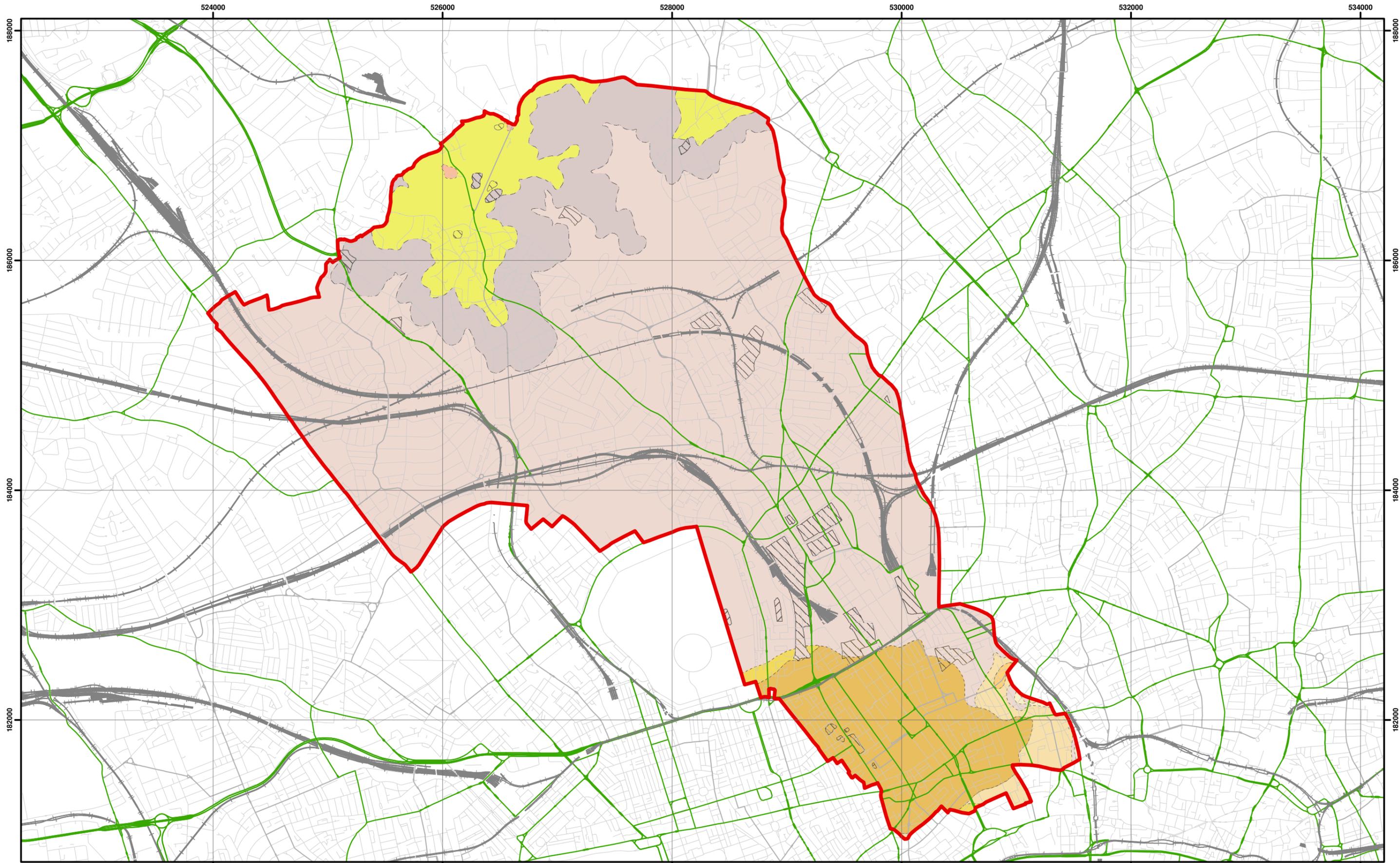
Coordinate System:
British National Grid
GCS_OSGB_1936

Legend

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



**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

- 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



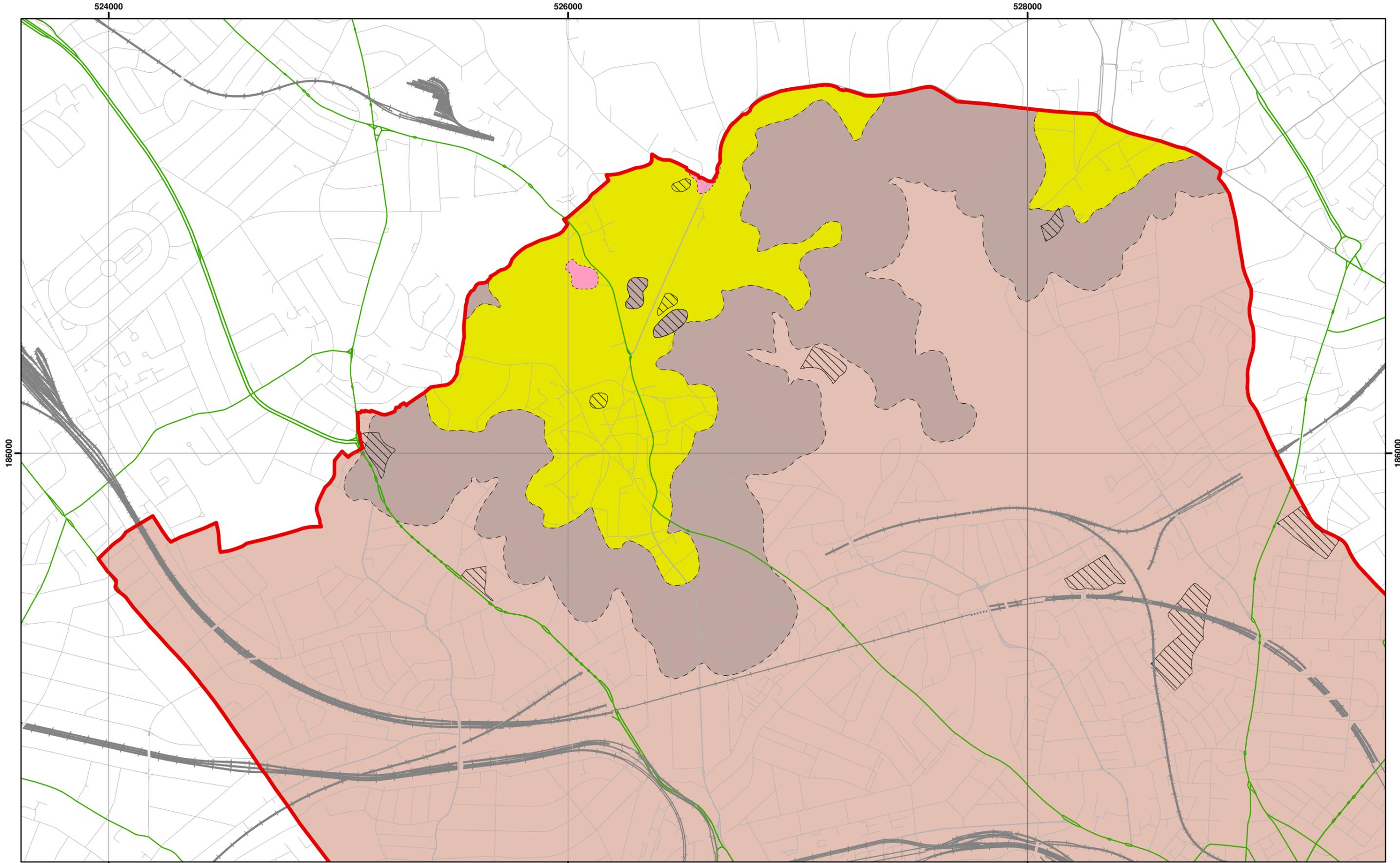
**Camden Geological, Hydrogeological
and Hydrological Study**
Camden Geological Map

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FIGURE

3

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

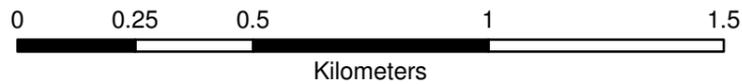


Data Source: BGS Mapping - Scale 1:10,000



Scale at A3: 1:15,000

Coordinate System:
British National Grid
GCS_OSGB_1936



Legend

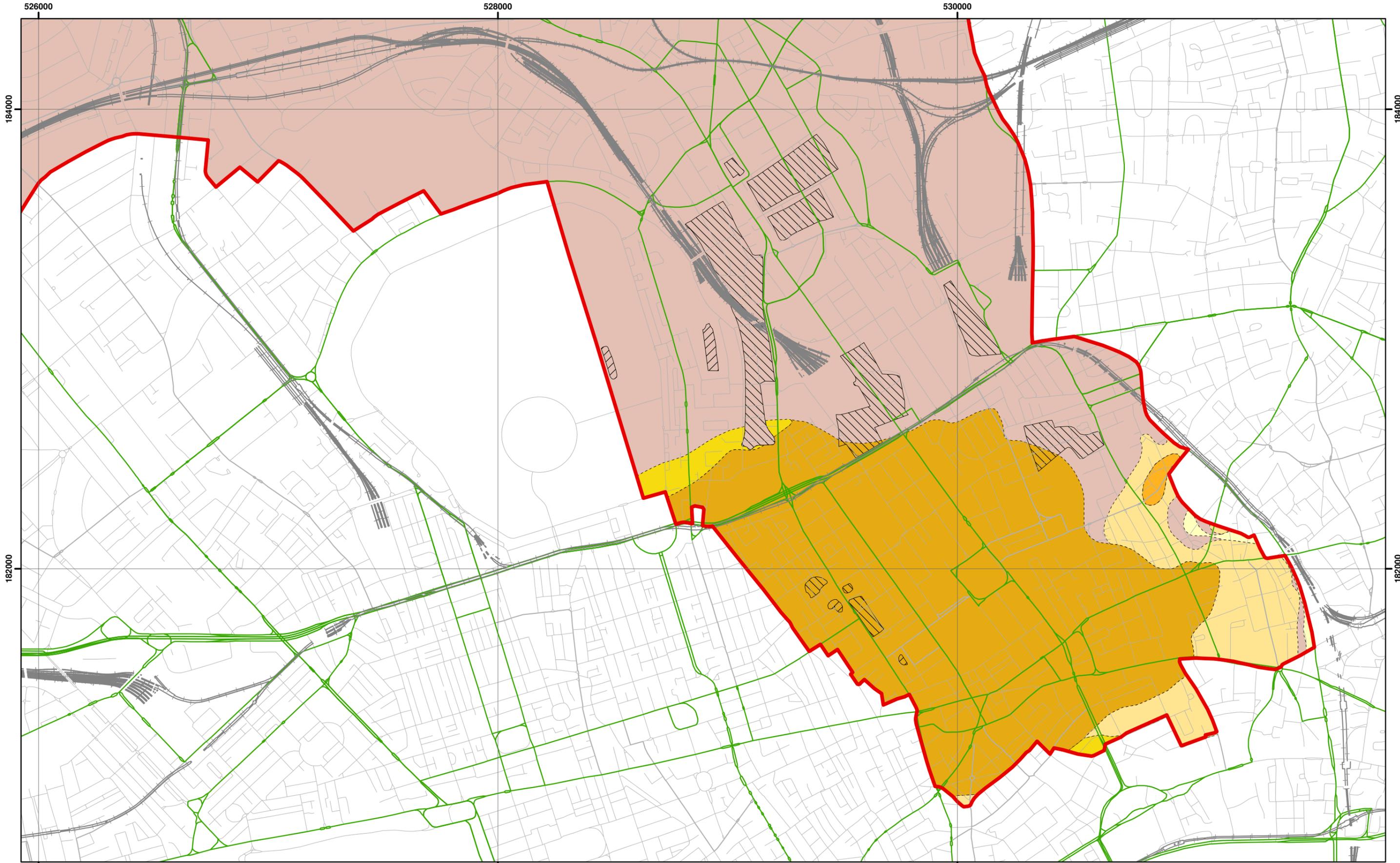
- | | | | |
|--------------------------|-----------------------------|-----------------------------|-------------------------|
| London Borough of Camden | BGS 1:10K Artificial Ground | BGS 1:10K Drift Geology | BGS 1:10K Solid Geology |
| Railway Lines | MADE GROUND | ALLUVIUM | BAGSHOT FORMATION |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

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

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FIGURE **4**

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



526000
Data source: BGS Mapping - Scale 1:10,000



Scale at A3: 1:15,000

Coordinate System:
British National Grid
GCS_OSGB_1936



528000
Legend

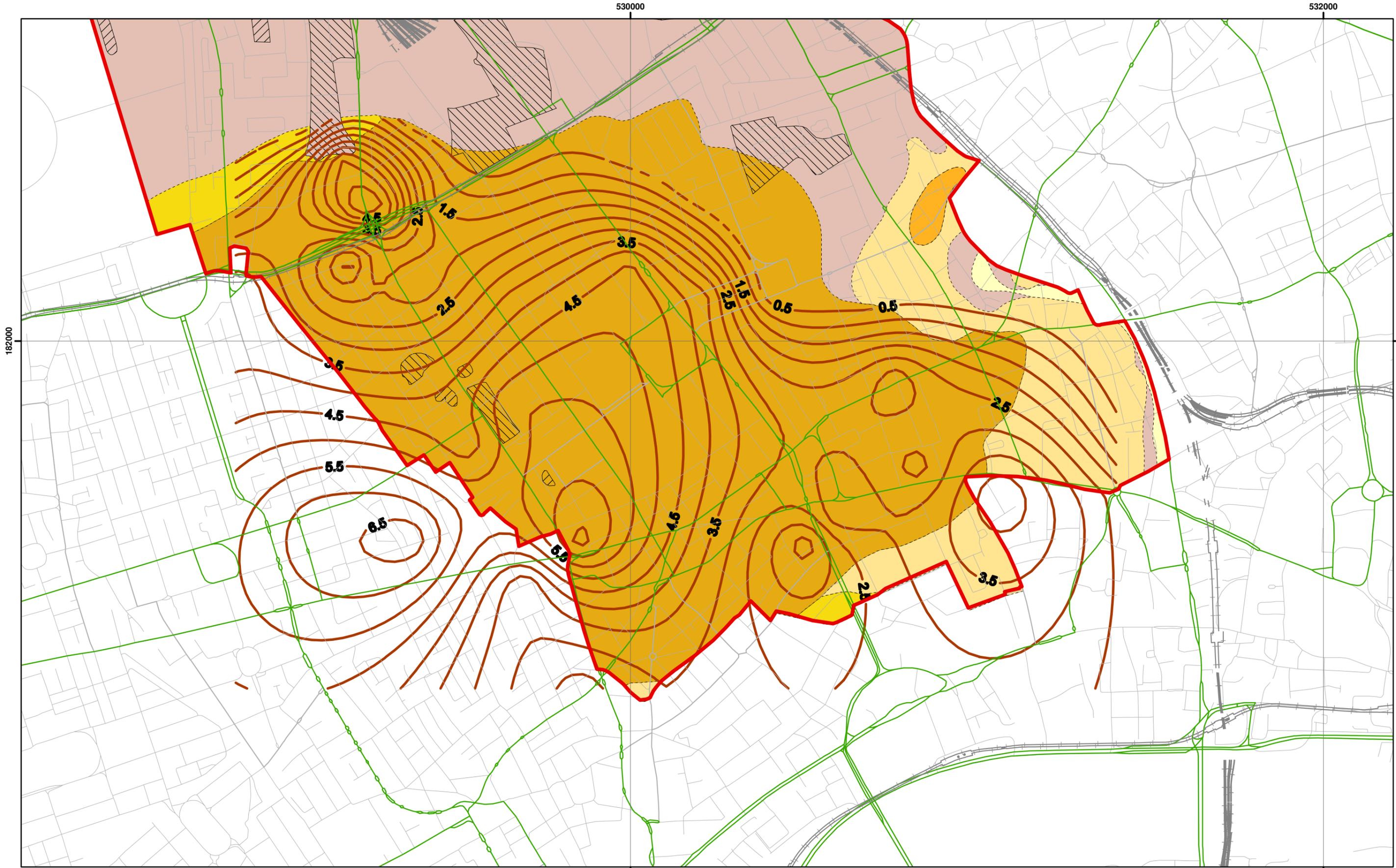
- | | | | |
|--------------------------|-----------------------------|-----------------------------|-------------------------|
| London Borough of Camden | BGS 1:10K Artificial Ground | BGS 1:10K Drift Geology | BGS 1:10K Solid Geology |
| Railway Lines | MADE GROUND | ALLUVIUM | BAGSHOT FORMATION |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

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

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FIGURE **5**

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



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



Scale at A3: 1:10,000

Coordinate System:
British National Grid
GCS_OSGB_1936



Legend

- | | | | |
|--------------------------|-----------------------------|--------------------------------|--------------------------------|
| London Borough of Camden | RTD Thickness Contours | BGS 1:10K Drift Geology | BGS 1:10K Solid Geology |
| Railway Lines | BGS 1:10K Artificial Ground | ALLUVIUM | BAGSHOT FORMATION |
| A Roads | MADE GROUND | HACKNEY GRAVEL FORMATION | CLAYGATE MEMBER |
| | WORKED GROUND | 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**
River Terrace Deposit Thickness Contours

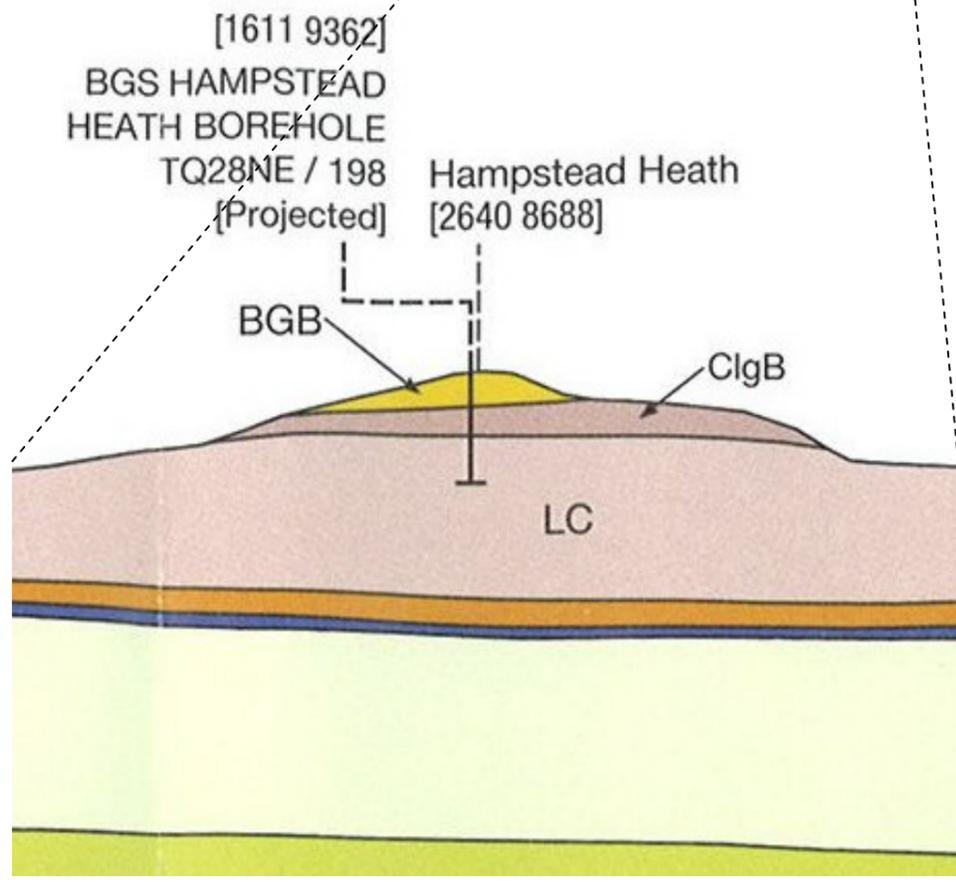
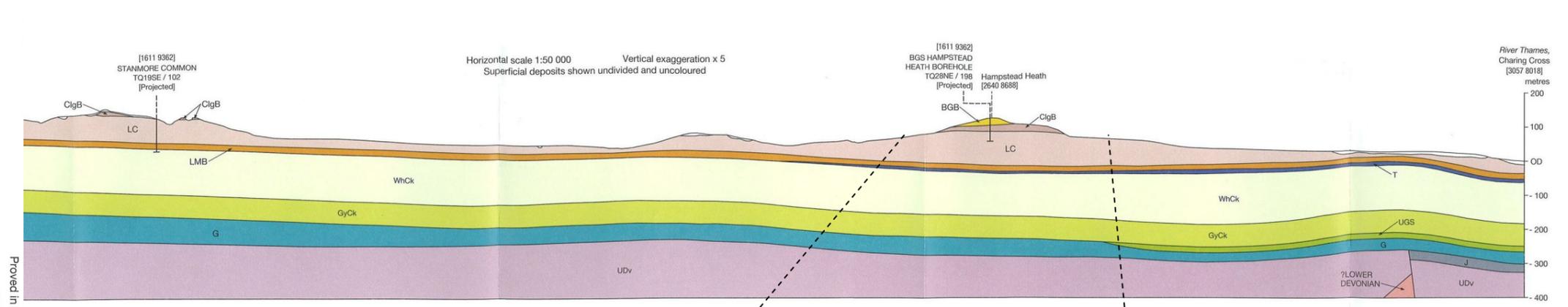
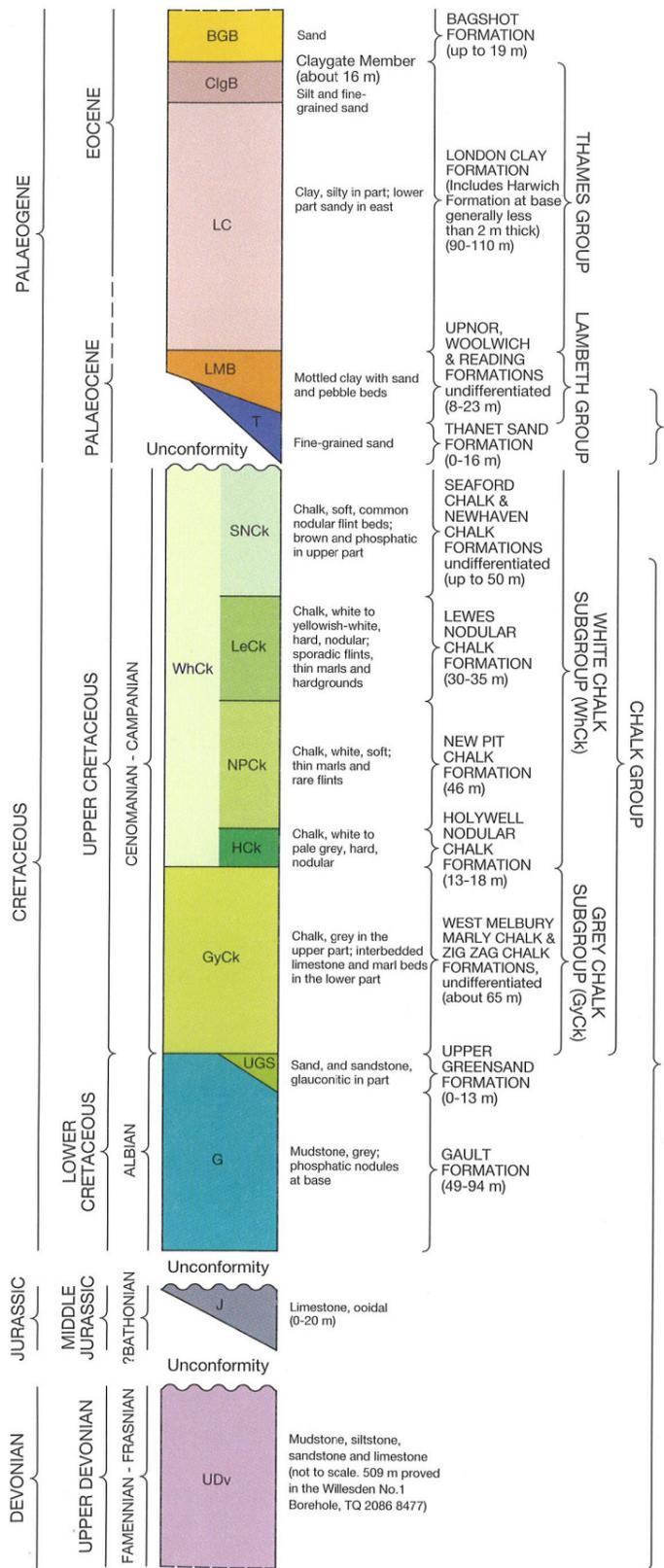
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FIGURE

6

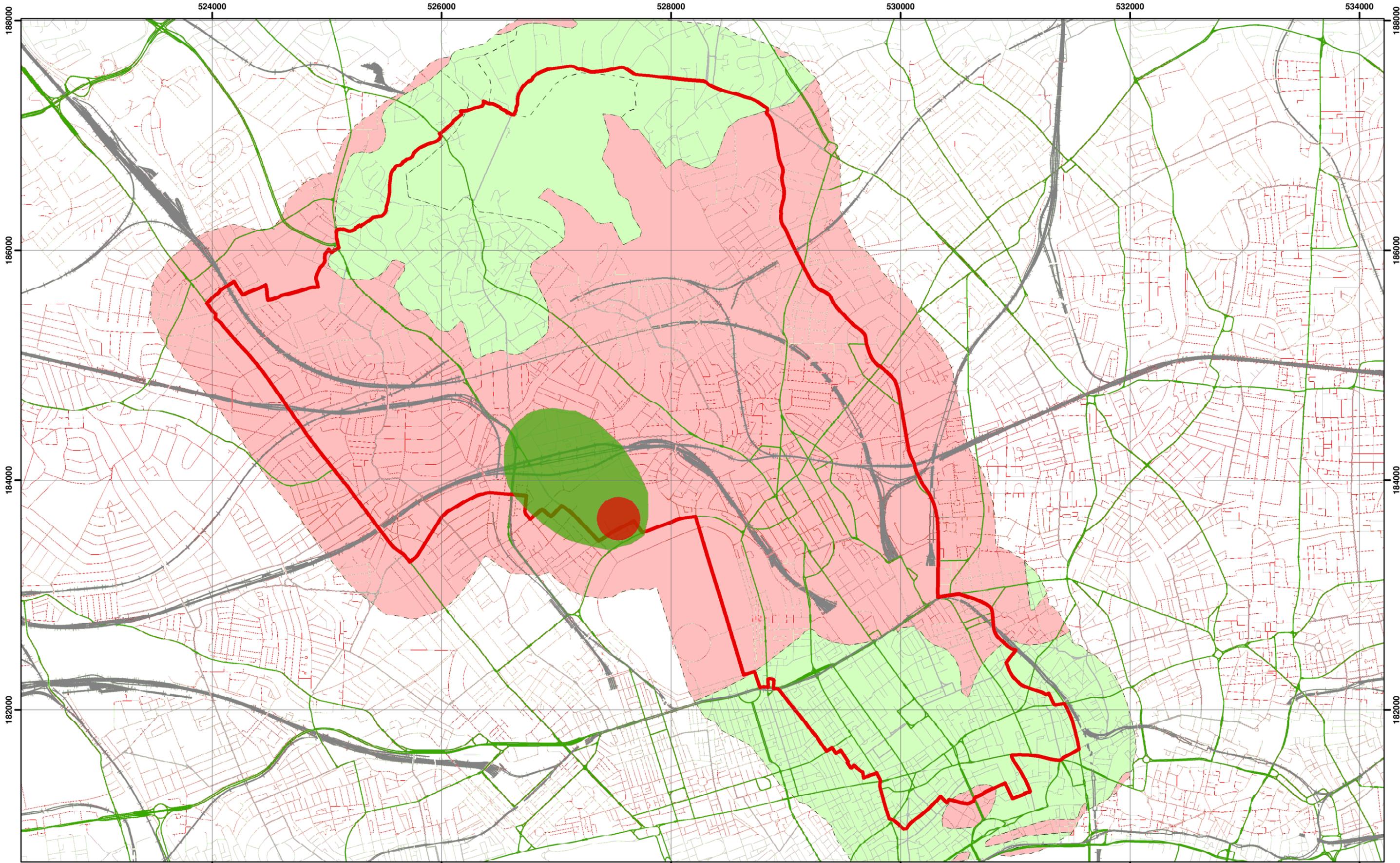
GENERALIZED VERTICAL SECTION

Scale 1:2500 (1 cm to 25 m)



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



Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

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 |

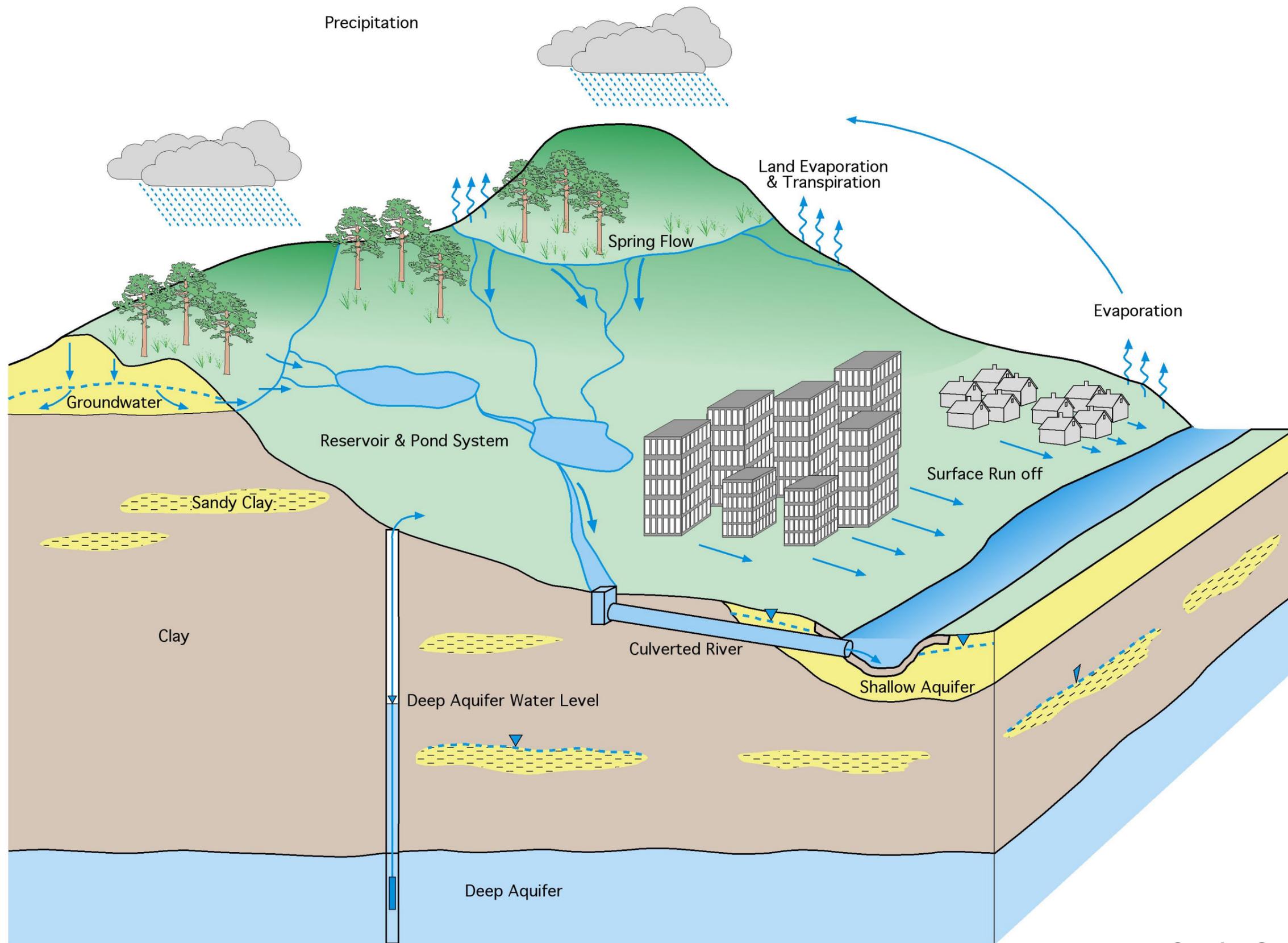
NB. Aquifer boundaries are indicative based on available geological mapping data

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

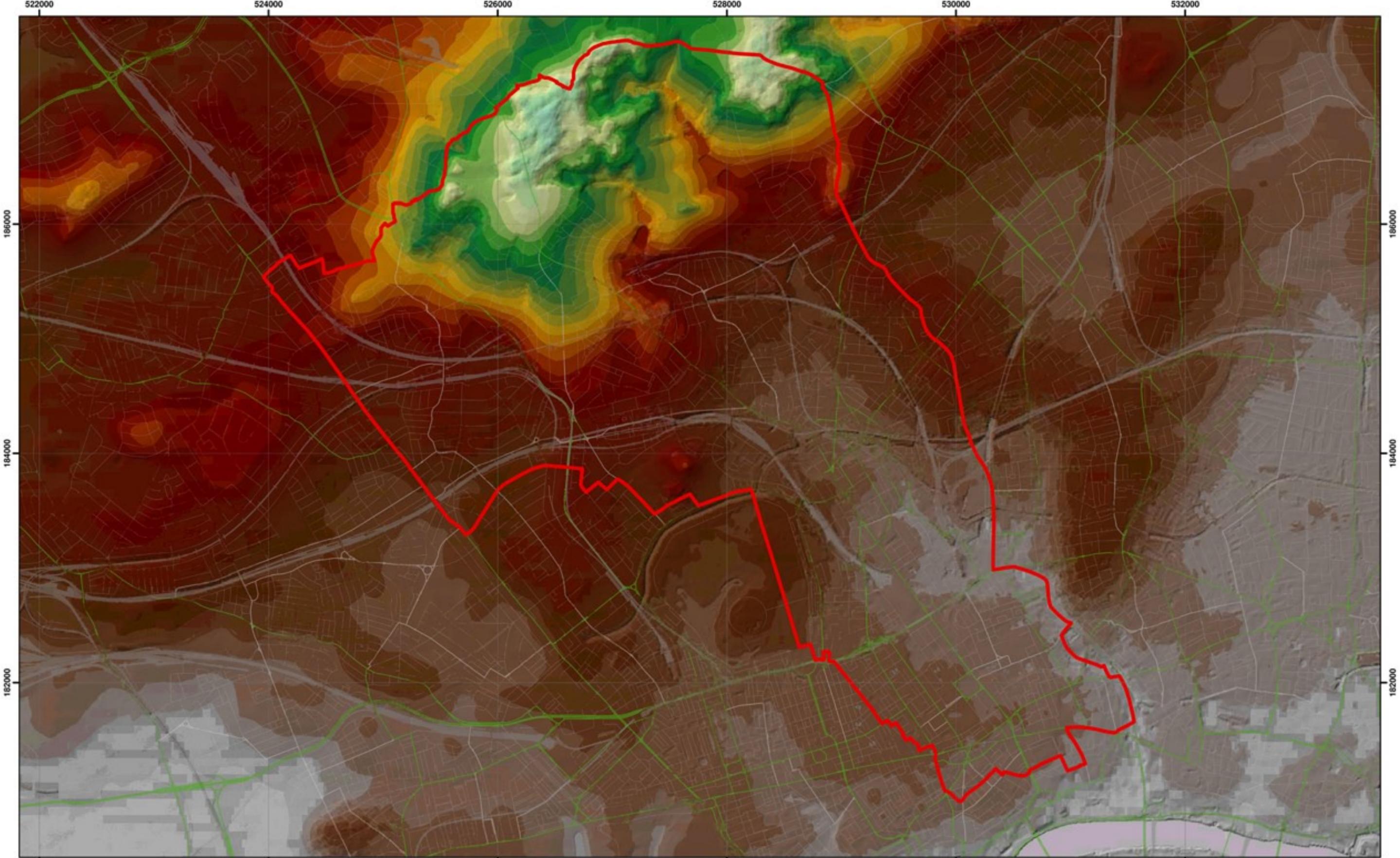


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FIGURE **8**



Camden Geological, Hydrogeological and Hydrological Study
 Conceptual Ground Model



Topographic map based on digital terrain model provided by Camden Borough Council

Scale at A3: 1:30,000

Coordinate System:
British National Grid
GCS_OSGB_1936

0 0.375 0.75 1.5 2.25 3 3.75
Kilometers

Legend

- London Borough of Camden
- Railway Lines
- A Roads

DTM Terrain
* Window Size: 20,000

125 - 130	90 - 95	55 - 60	20 - 25
120 - 125	85 - 90	50 - 55	15 - 20
115 - 120	80 - 85	45 - 50	10 - 15
110 - 115	75 - 80	40 - 45	5 - 10
105 - 110	70 - 75	35 - 40	0 - 5
100 - 105	65 - 70	30 - 35	-5 - 0
95 - 100	60 - 65	25 - 30	-7.4 - -5

Elevation

145 - 150
140 - 145
135 - 140
130 - 135

Camden Geological, Hydrogeological and Hydrological Study
Camden Topographic Map

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