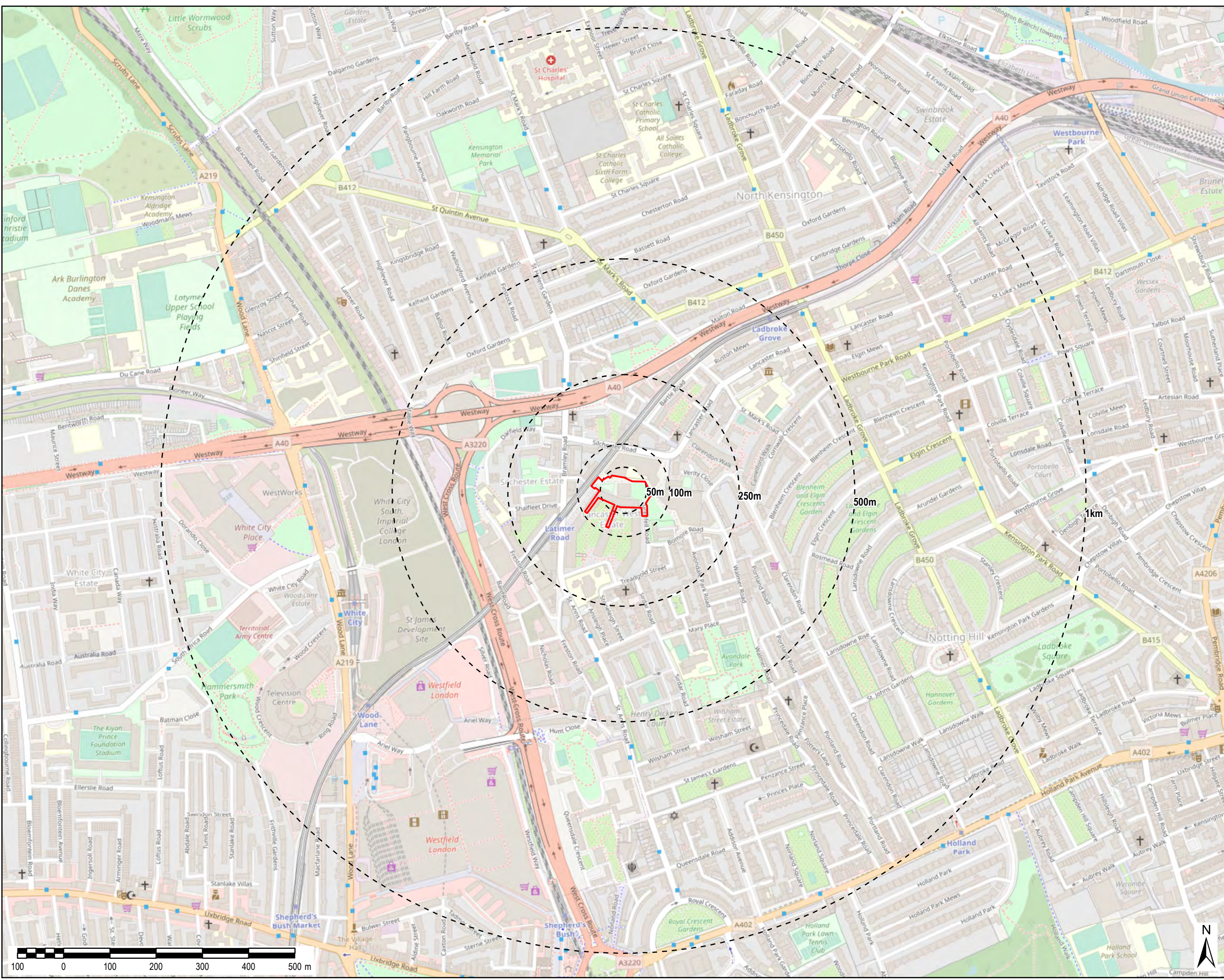


Appendix A – Figures

- A1 - Grenfell Tower Site Location Map
- A2 - Grenfell Tower Sampling Areas for Stages 1 and 2
- A3 - Sampling Areas for Stages 1 and 2 with Historical Potentially Contaminative Land Uses
- A4 - Average Antimony Concentrations
- A5 - Average Dioxin-like PCB Concentrations
- A6a - Average Chlorinated Dioxins and Furans Concentrations – Shallow samples on Grass/Turf and Bare Soil
- A6b - Average Chlorinated Dioxins and Furans Concentrations – Shallow samples on Bare Soil only
- A7a - Individual Chlorinated Dioxins and Furans Concentrations – Shallow samples on Grass/Turf and Bare Soil
- A7b - Individual Chlorinated Dioxins and Furans Concentrations – Shallow samples on Bare Soil only
- A8a - Lead Concentrations with GSC and Background Data – Shallow samples up to 5km
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- A8c - Chlorinated Dioxins and Furans Concentrations – Shallow samples up to 5km
- A8d - Chlorinated Dioxins and Furans Concentrations – Shallow samples up to 500m
- A8e - BaP Concentrations with GSC and Background Data – Shallow samples up to 5km
- A8f - BaP Concentrations with GSC and Background Data – Shallow samples up to 500m
- A8g - Dioxin-like PCB Concentrations with GSC and Background Data – Shallow samples up to 5km
- A8h - Dioxin-like PCB Concentrations with GSC and Background Data – Shallow samples up to 500m
- A8i - Antimony Concentrations with GSC and Background Data – Shallow samples up to 5km
- A8j - Antimony Concentrations with GSC and Background Data – Shallow samples up to 500m
- A9a - Box and whisker plots of chlorinated dioxins and furans summary statistics
- A9b - Box and whisker plots of lead summary statistics
- A9c - Box and whisker plots of benzo(a)pyrene summary statistics
- A9d - Box and whisker plots of antimony summary statistics
- A9e - Box and whisker plots of dioxin-like PCB summary statistics

File Name: \\aecom.com\EMIA\UK\CRD\Jobs\PR-458020_Grenfell_Tower_Stage_2_GIS\02_Maps\Figure A1 - Location Plan.mxd



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LEGEND

- Tower Cordon
- Radial Distance from Tower

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ROYAL BOROUGH OF KENSINGTON & CHELSEA

Project Title
GRENFELL STAGE 2 ASSESSMENT

Drawing Title
GRENFELL TOWER SITE LOCATION MAP

Drawn GM	Checked GC	Approved DD	Date 18/03/2021
AECOM Internal Project No. 60632092		Scale @ A3 1:7,500	

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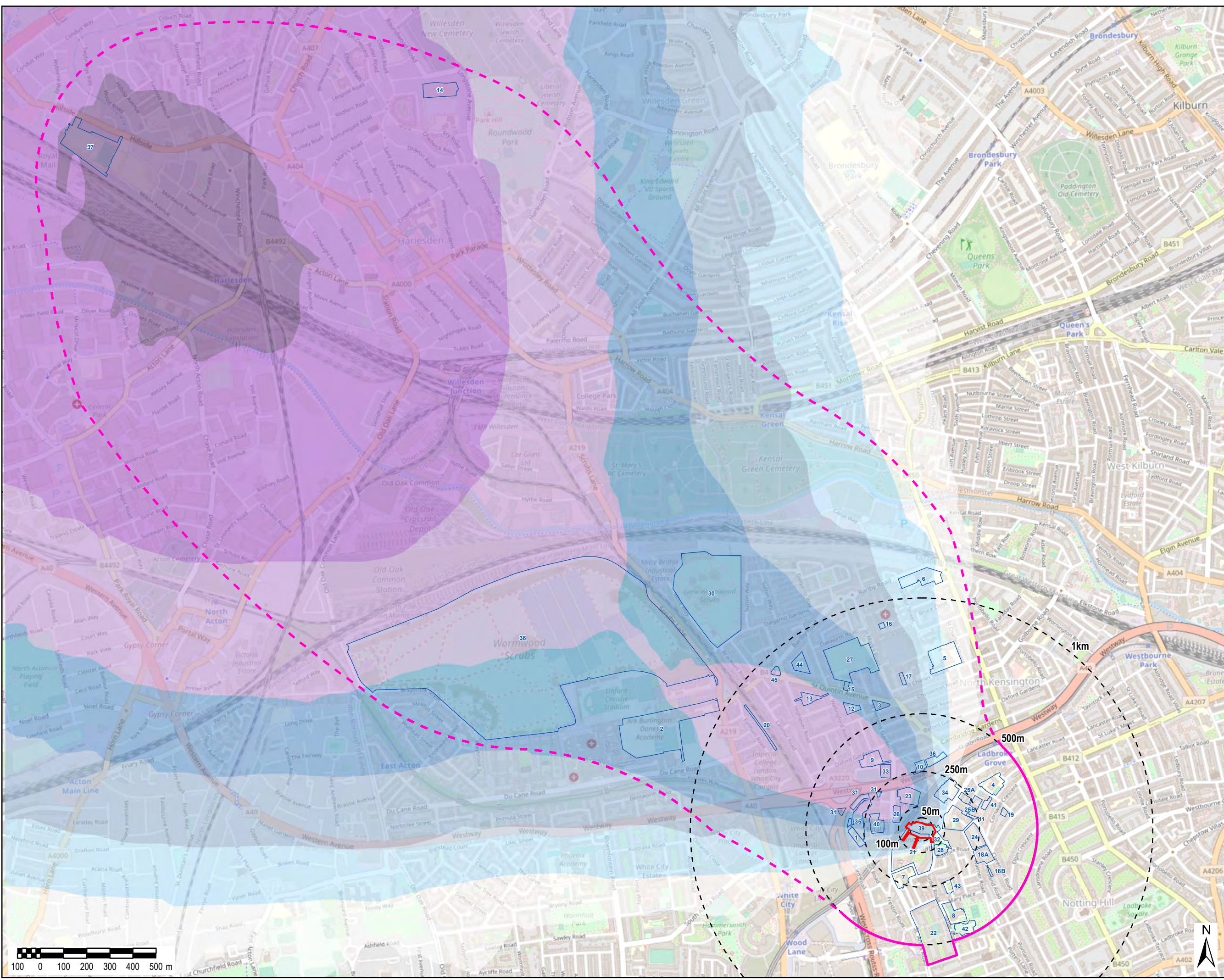
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FIGURE A1

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LEGEND

- Tower Cordon
- Sample Areas
- Radial Distance from Tower
- Investigation area indicative boundary

Indicative Plume Extent

Deposition (gm²)

- 1.0e+00 - 3.2e+00
- 3.2e-01 - 1.0e+00
- 1.0e-01 - 3.2e-01
- 3.2e-02 - 1.0e-01
- 1.0e-02 - 3.2e-02
- 3.2e-03 - 1.0e-02
- 1.0e-03 - 3.2e-03

Solid investigation area indicative boundary delimits a 500m radius from Grenfell Tower

Dashed investigation area indicative boundary shows area encompassing core of modelled plume and specific sites identified for sampling in the Stage 2 detailed design

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Project Title
GRENFELL STAGE 2 ASSESSMENT

Drawing Title
GRENFELL TOWER SAMPLING AREAS FOR STAGES 1 AND 2

Drawn GM	Checked GC	Approved DD	Date 05/05/2021
AECOM Internal Project No. 60632092		Scale @ A3 1:15,000	

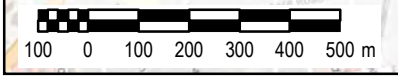
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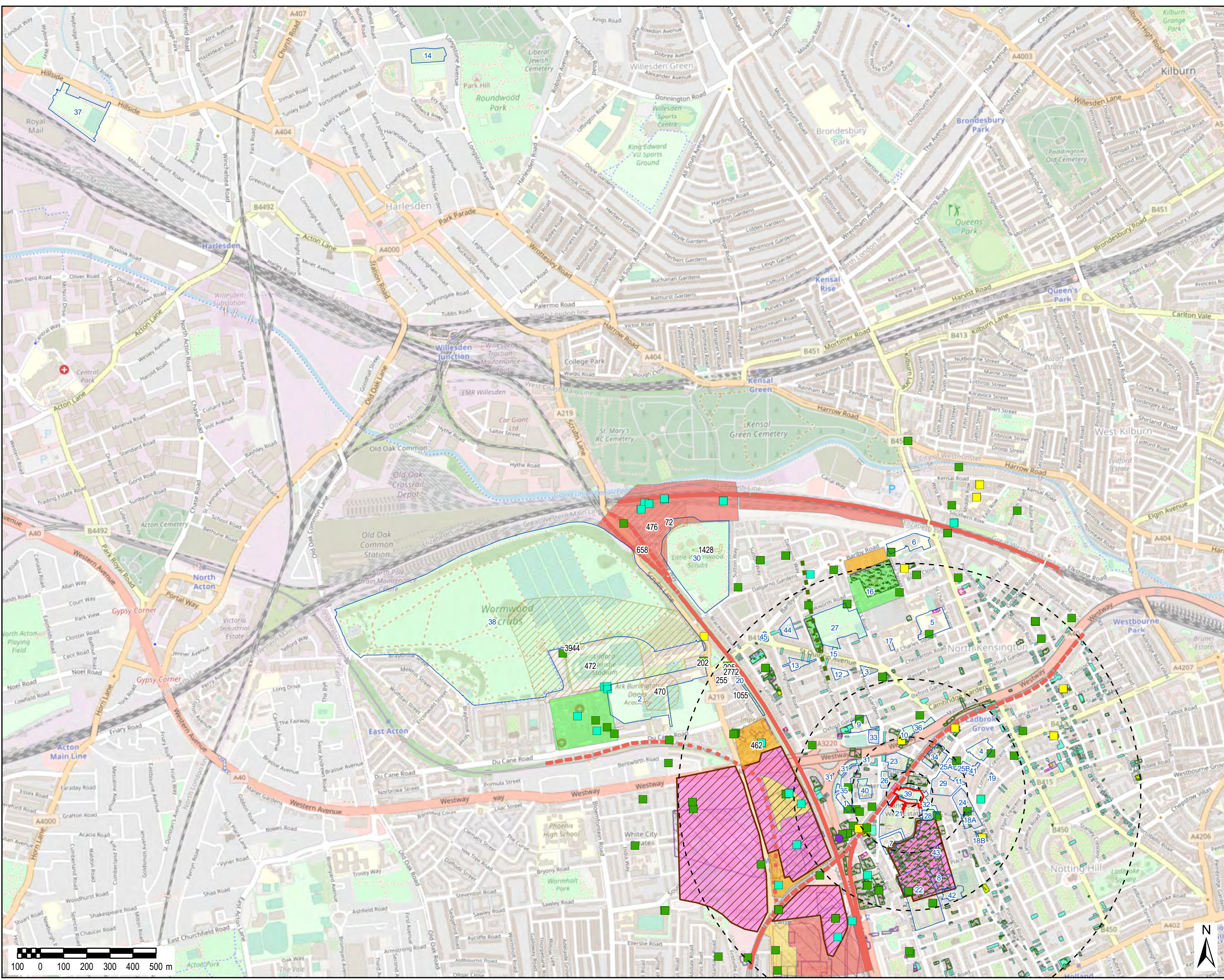


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FIGURE A2

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LEGEND

- Tower Cordon
- Sample
- Radial Distance from Tower
- Landmark Envirocheck data information**
 - Above Ground Storage Tanks
 - Historical Map Interpretation
 - Trade Directory Information
 - Below Ground Storage Tanks
- Historic Tanks**
 - Electrical Sub Station Facilities
 - Potential Tanks
 - Tanks
- Potentially Infilled Land (Non-Water)**
 - Unknown Filled Ground (Pit, quarry etc)
- Potentially Contaminative Industrial Uses (Past Land Use) - Point Features**
 - Coal storage and depot
 - Metal casting/foundries
 - Railways
 - Sewage
 - Clay bricks & tiles [manufacture]
 - Factory or works - use not specified
 - Hospitals
 - Railways
 - Road haulage
 - RBKC identified potentially contaminated land
 - LBHF identified potential contaminated sites
 - RBKC identified areas of Geoenvironmental interest
 - RBKC registered trade directory entries
 - RBKC Sites of Geoenvironmental Interest based on Historic Maps

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Project Title
GRENFELL STAGE 2 ASSESSMENT

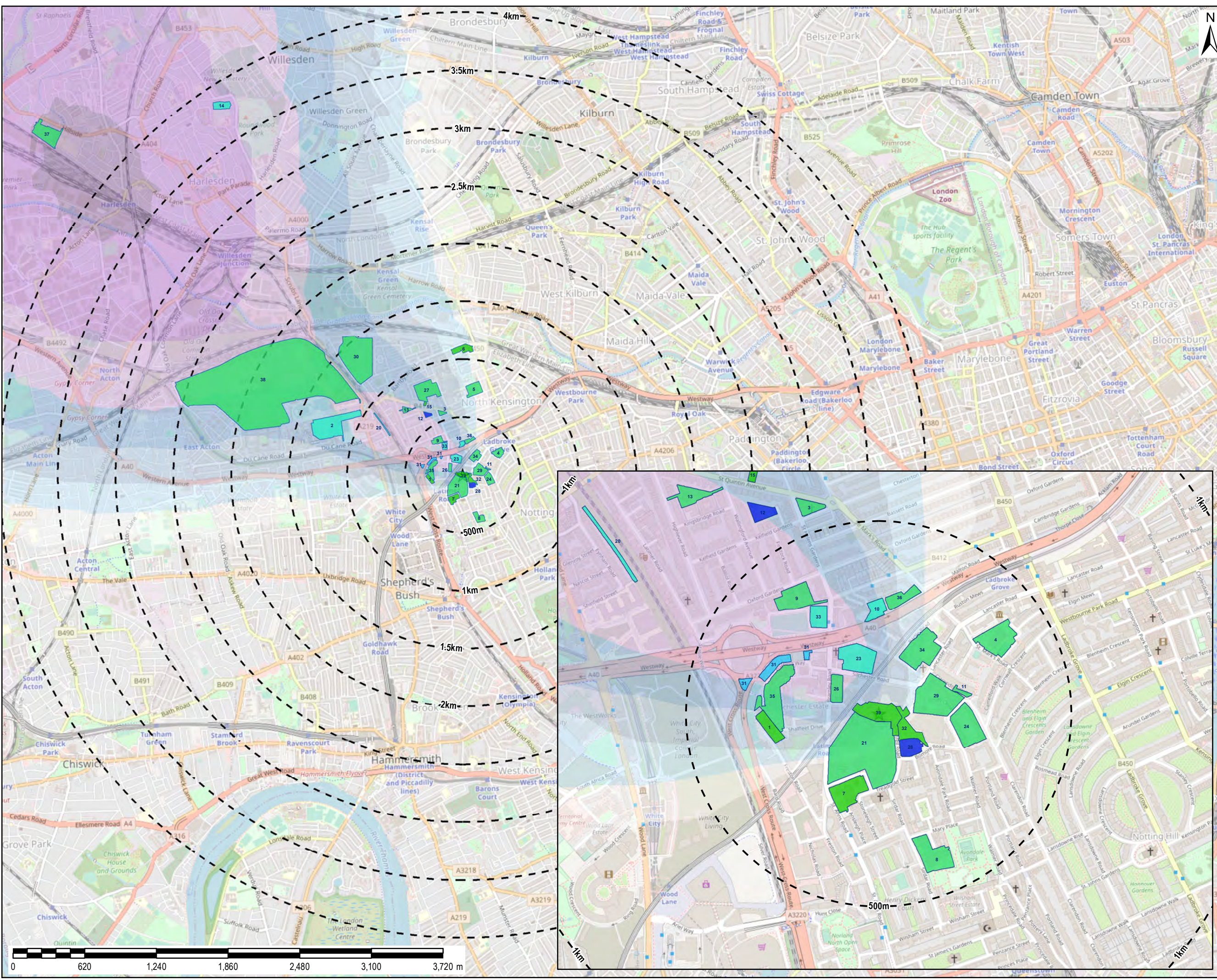
Drawing Title
SAMPLING AREAS FOR STAGES 1 AND 2 WITH HISTORICAL POTENTIALLY CONTAMINATIVE LAND USES

Drawn GM	Checked GC	Approved DD	Date 18/03/2021
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File Name: \\eu.aecomnet.com\EMIA\UK\CRD1\Jobs\PR-458020_Grenfell_Tower_Stage_2\GIS\950_Stage2_GIS\02_Maps\Figure A4 - Average Antimony.mxd



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LEGEND

- ★ Grenfell Tower
- - - 500m Buffer Intervals

Mean antimony concentration (mg/kg)

- 0-2
- 2-4
- 4-6
- 6-8
- 8-10
- 10-12

Indicative Plume Extent

Deposition (g/m²)

- 1.0e+00 - 3.2e+00
- 3.2e-01 - 1.0e+00
- 1.0e-01 - 3.2e-01
- 3.2e-02 - 1.0e-01
- 1.0e-02 - 3.2e-02
- 3.2e-03 - 1.0e-02
- 1.0e-03 - 3.2e-03

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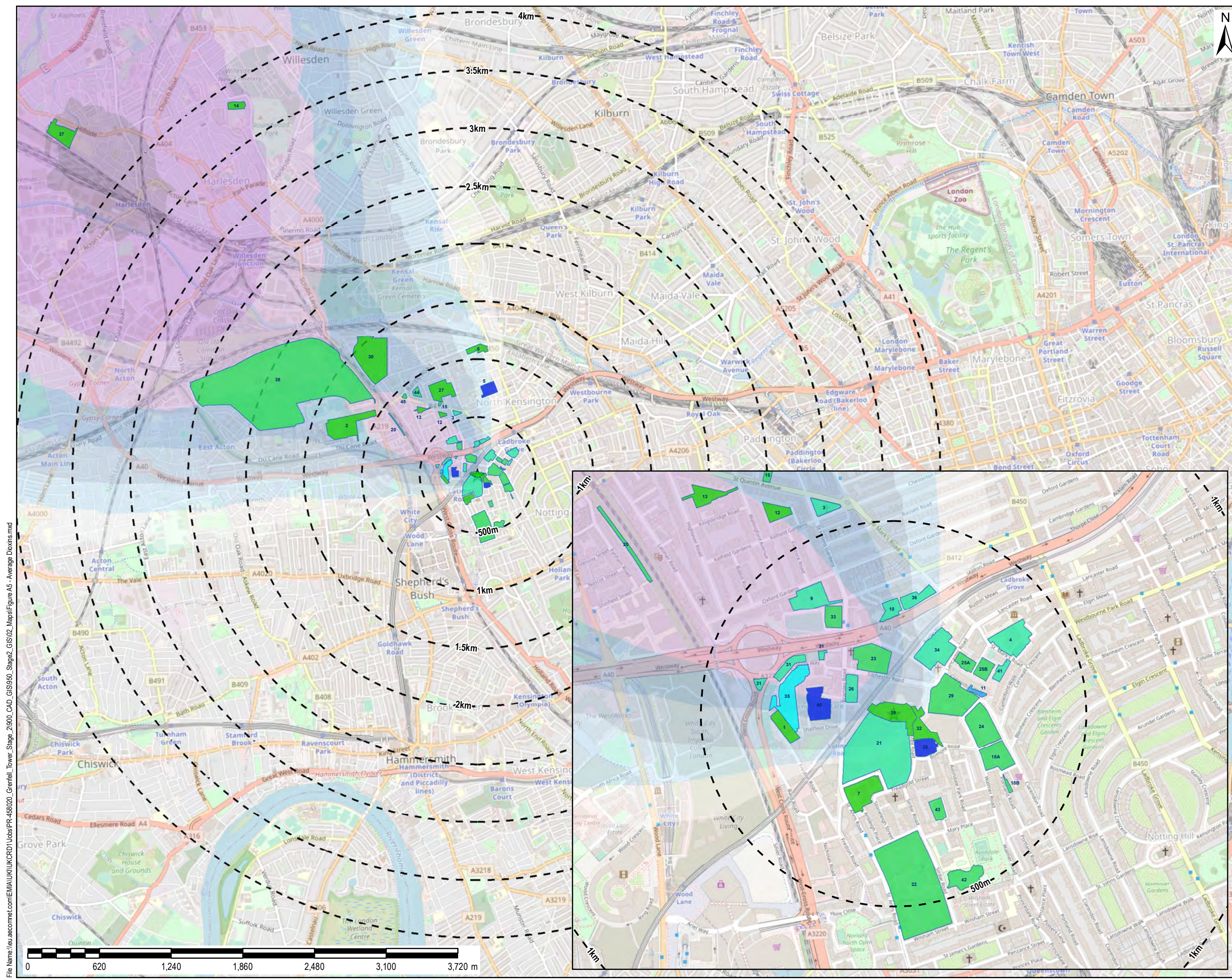
Drawing Title
STAGE 2 AVERAGE ANTIMONY CONCENTRATIONS

Drawn GM	Checked GC	Approved DD	Date 01/06/2021
AECOM Internal Project No. 60632092		Scale @ A3 1:9,000	

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LEGEND

- ★ Grenfell Tower
- 500m Buffer Intervals
- Stage 1 and Stage 2 Site Average Dioxin like PCBs (µg/kg)**
- 0.4 - 1.0
- 1.0 - 2.0
- 2.0 - 3.0
- 3.0 - 4.0
- 4.0 - 5.0
- 6.0 - 33.0
- Indicative Plume Extent**
- Deposition (g/m²)**
- 1.0e+00 - 3.2e+00
- 3.2e-01 - 1.0e+00
- 1.0e-01 - 3.2e-01
- 3.2e-02 - 1.0e-01
- 1.0e-02 - 3.2e-02
- 3.2e-03 - 1.0e-02
- 1.0e-03 - 3.2e-03

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Drawing Title
STAGE 1 AND 2 AVERAGE DIOXIN-LIKE PCBs TOPSOIL CONCENTRATIONS

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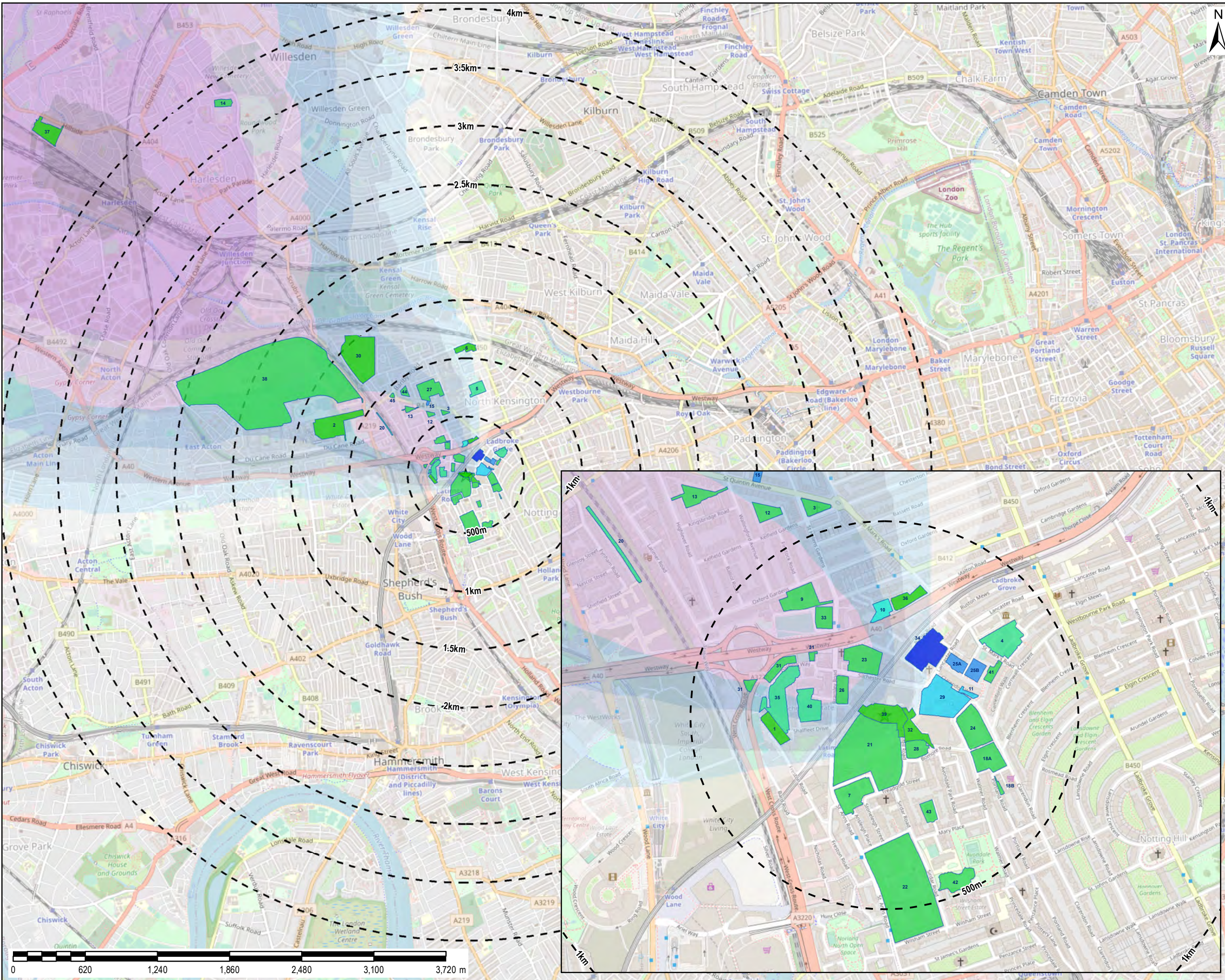
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File Name: \\eu.aecomnet.com\EMIA\UK\CRD1\Jobs\PR-458020_Grenfell_Tower_Stage_2_GIS\950_Stage2_GIS\950_Map\Figure A5 - Average Dioxins.mxd

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LEGEND

- Grenfell Tower
- 500m Buffer Intervals
- Concentration range (ng/kg)**
- <math><500</math>
- 500-1500
- 1500-3000
- 3000-4500
- 4500-6000
- 6000-7500
- >9000
- Indicative Plume Extent**
- Deposition (g/m²)**
- 1.0e+00 - 3.2e+00
- 3.2e-01 - 1.0e+00
- 1.0e-01 - 3.2e-01
- 3.2e-02 - 1.0e-01
- 1.0e-02 - 3.2e-02
- 3.2e-03 - 1.0e-02
- 1.0e-03 - 3.2e-03

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GRENFELL PHASE 2 ASSESSMENT

Drawing Title
STAGE 1 & STAGE 2 AVERAGE SUM OF 17 CHLORINATED DIOXINS & FURANS CONCENTRATION

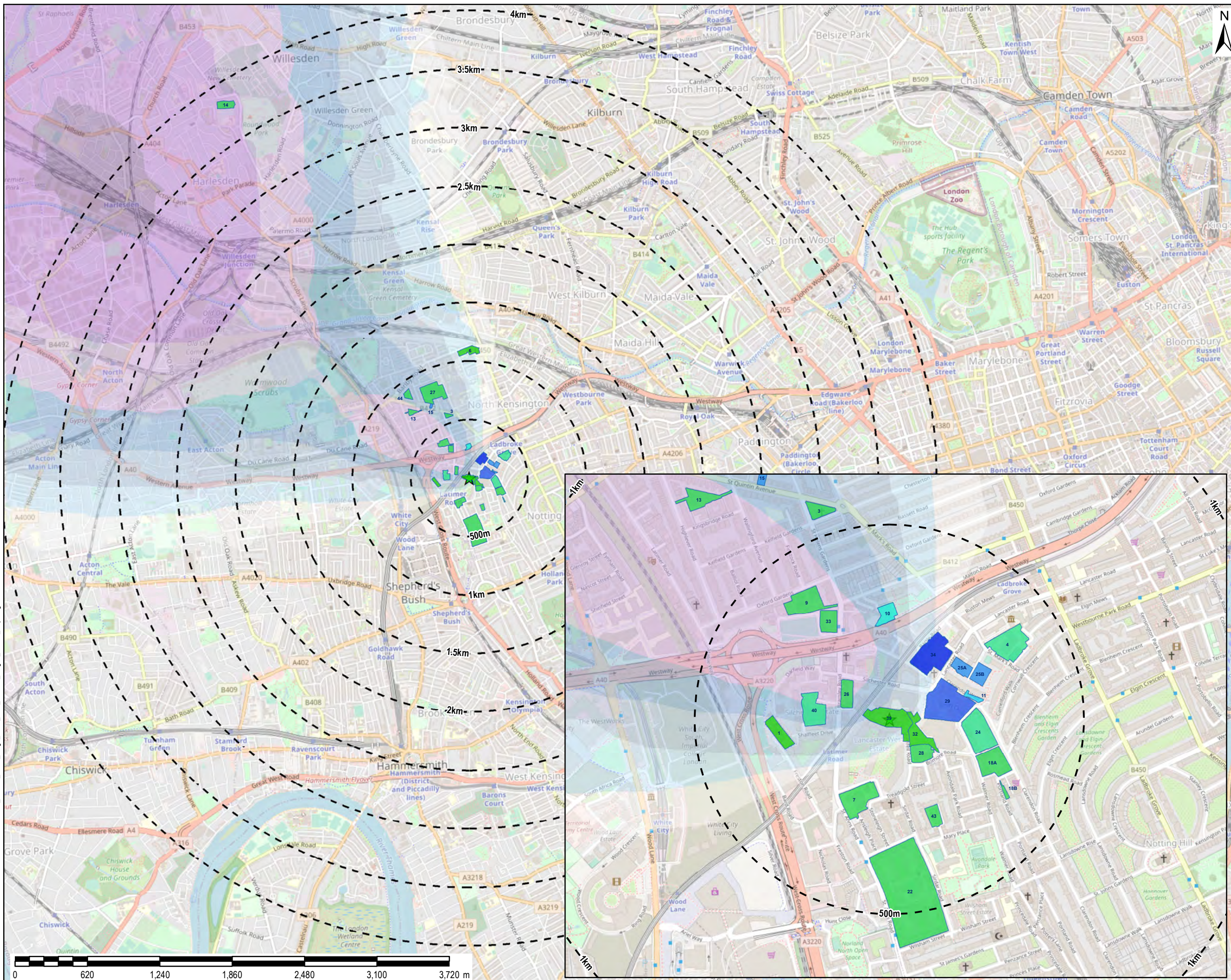
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LEGEND

- ★ Grenfell Tower
- - - 500m Buffer Intervals

Concentration range (ng/kg)

- <500
- 500-1500
- 1500-3000
- 3000-4500
- 4500-6000
- 6000-7500
- 7500-9000
- >9000

Indicative Plume Extent

Deposition (g/m²)

- 1.0e+00 - 3.2e+00
- 3.2e-01 - 1.0e+00
- 1.0e-01 - 3.2e-01
- 3.2e-02 - 1.0e-01
- 1.0e-02 - 3.2e-02
- 3.2e-03 - 1.0e-02
- 1.0e-03 - 3.2e-03

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GRENFELL PHASE 2 ASSESSMENT

Drawing Title
STAGE 1 & STAGE 2 AVERAGE SUM OF 17 CHLORINATED DIOXINS & FURANS CONCENTRATION, BARE SOIL ONLY

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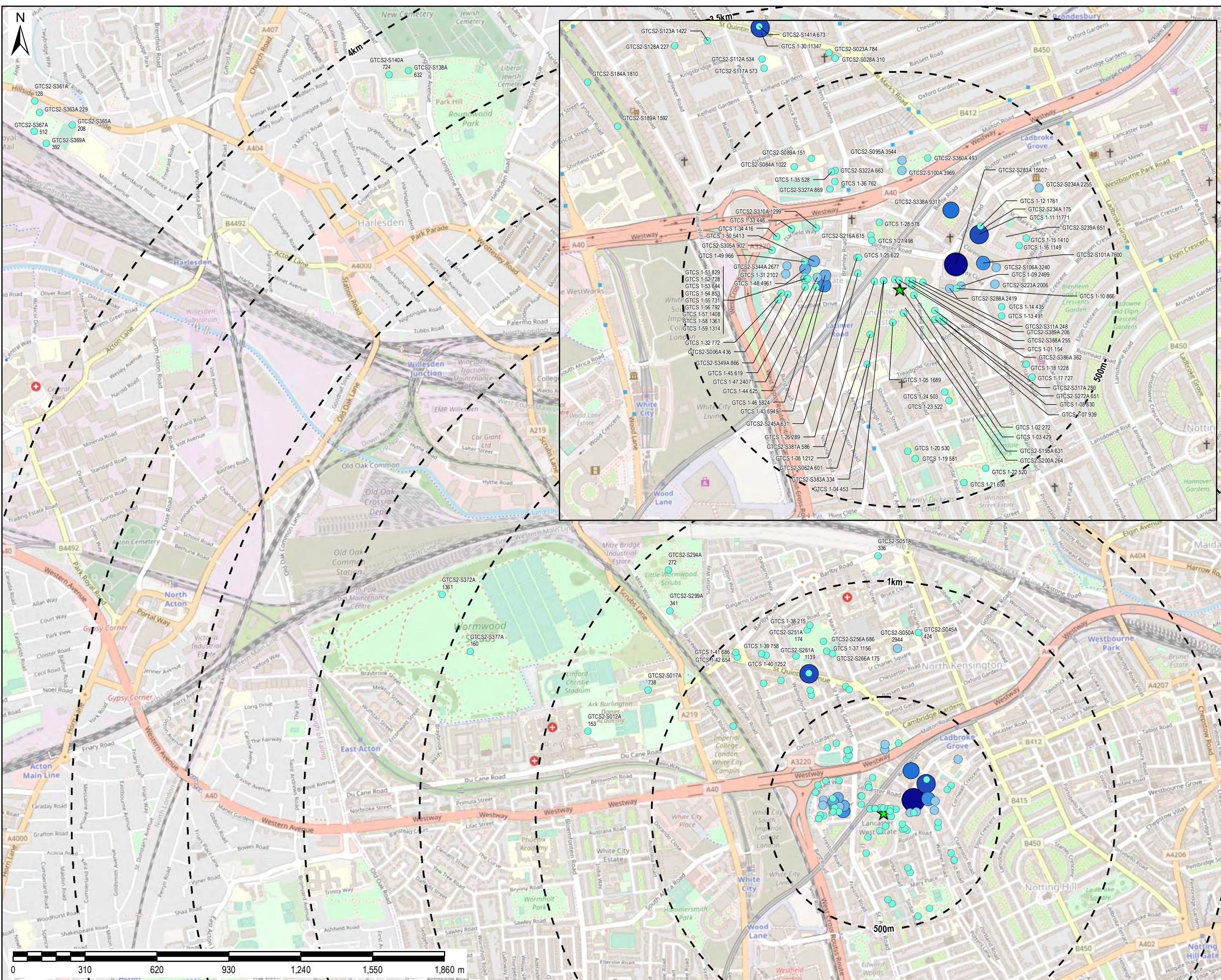
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FIGURE A6B

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LEGEND

- Grenfell Tower
- 500m Buffer Intervals

Sum 17 Chlorinated dioxins & furans (ng/kg)

- >2000
- 2000-4000
- 4000-6000
- 6000-8000
- 8000-10000
- 10000-12000
- >14000

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Project Title
GRENELL PHASE 2 ASSESSMENT

Drawing Title
SOIL SAMPLE RESULTS SUM OF 17 CHLORINATED DIOXINS & FURANS CONCENTRATION

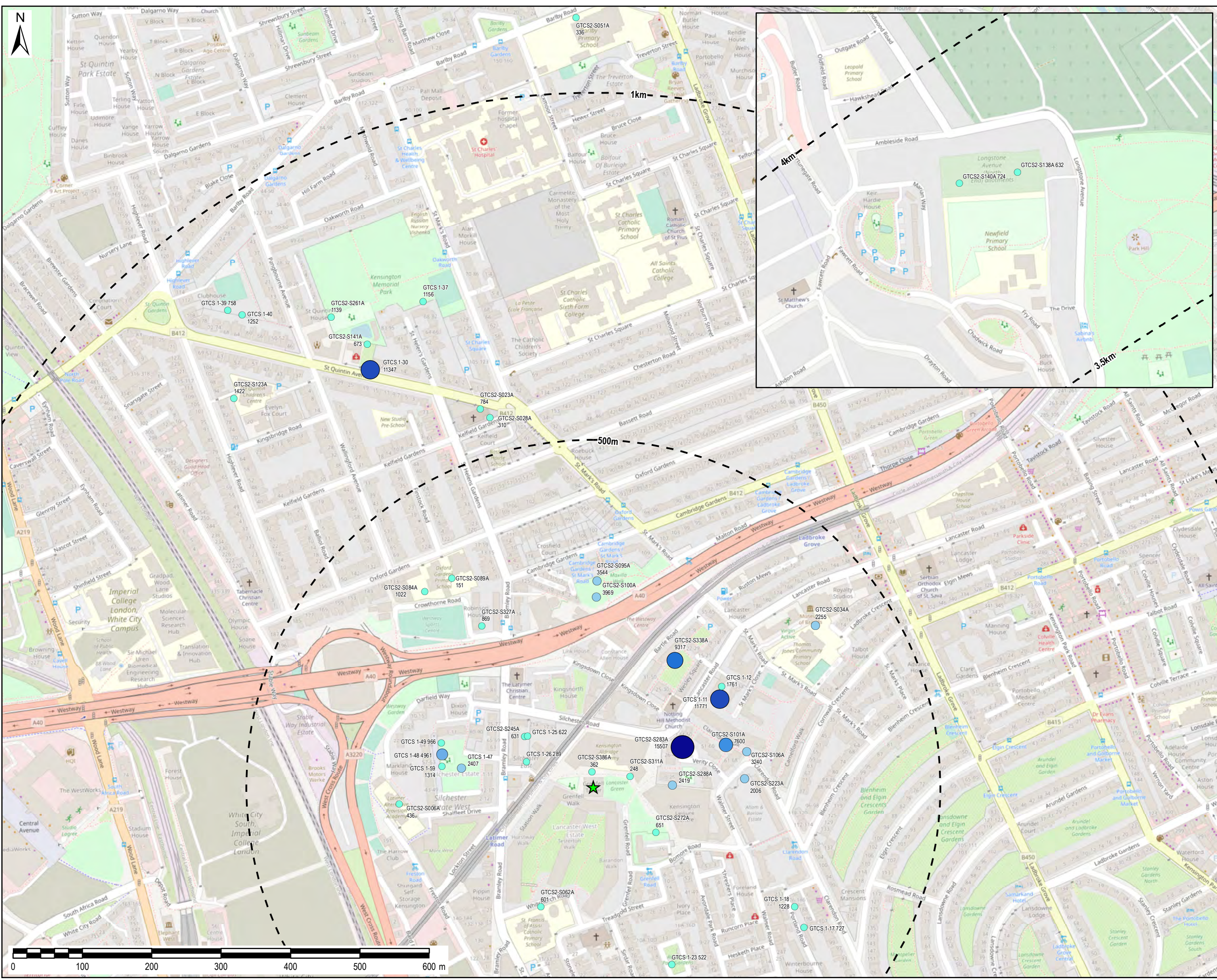
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LEGEND

- Grenfell Tower
- 500m Buffer Intervals

Sum 17 Chlorinated dioxins & furans (ng/kg) - Bare Soil

- >2000
- 2000-4000
- 4000-6000
- 6000-8000
- 8000-10000
- 10000-12000
- >14000

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GRENFELL PHASE 2 ASSESSMENT

Drawing Title
SOIL SAMPLE RESULTS SUM OF 17 CHLORINATED DIOXINS & FURANS CONCENTRATION, BARE SOIL ONLY

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