

APPENDIX 4
ENVIRONMENTAL MAPS



Groundwater Vulnerability

General

- Specified Site
- Specified Buffer(s)
- Map ID
- Bearing Reference Point

Agency and Hydrological

Geological Classes

- Major Aquifer (Highly Permeable)
- Minor Aquifer (Variably Permeable)
- Non Aquifer (Negligibly Permeable)
- Water or Sea
- Drift Deposit

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low
- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
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- High (H) 1, 2, 3, U
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- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
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- Intermediate (I) 1, 2
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- High (H) 1, 2, 3, U
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- High (H) 1, 2, 3, U
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- Intermediate (I) 1, 2
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- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
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- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
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- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

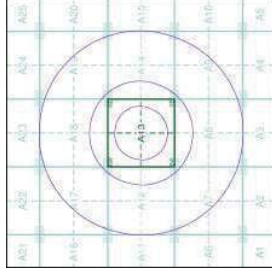
- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

- High (H) 1, 2, 3, U
- Intermediate (I) 1, 2
- Low

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 71053485_1_1
Customer Ref: 2801
National Grid Reference: 383520, 398070
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Flix, Invoice House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Bedrock Aquifer Designation

General

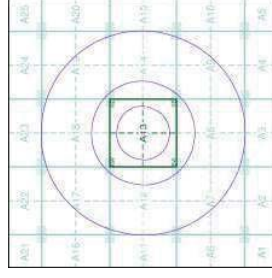
- Specified Site
- Specified Buffer(s)
- Map ID
- Bearing Reference Point

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

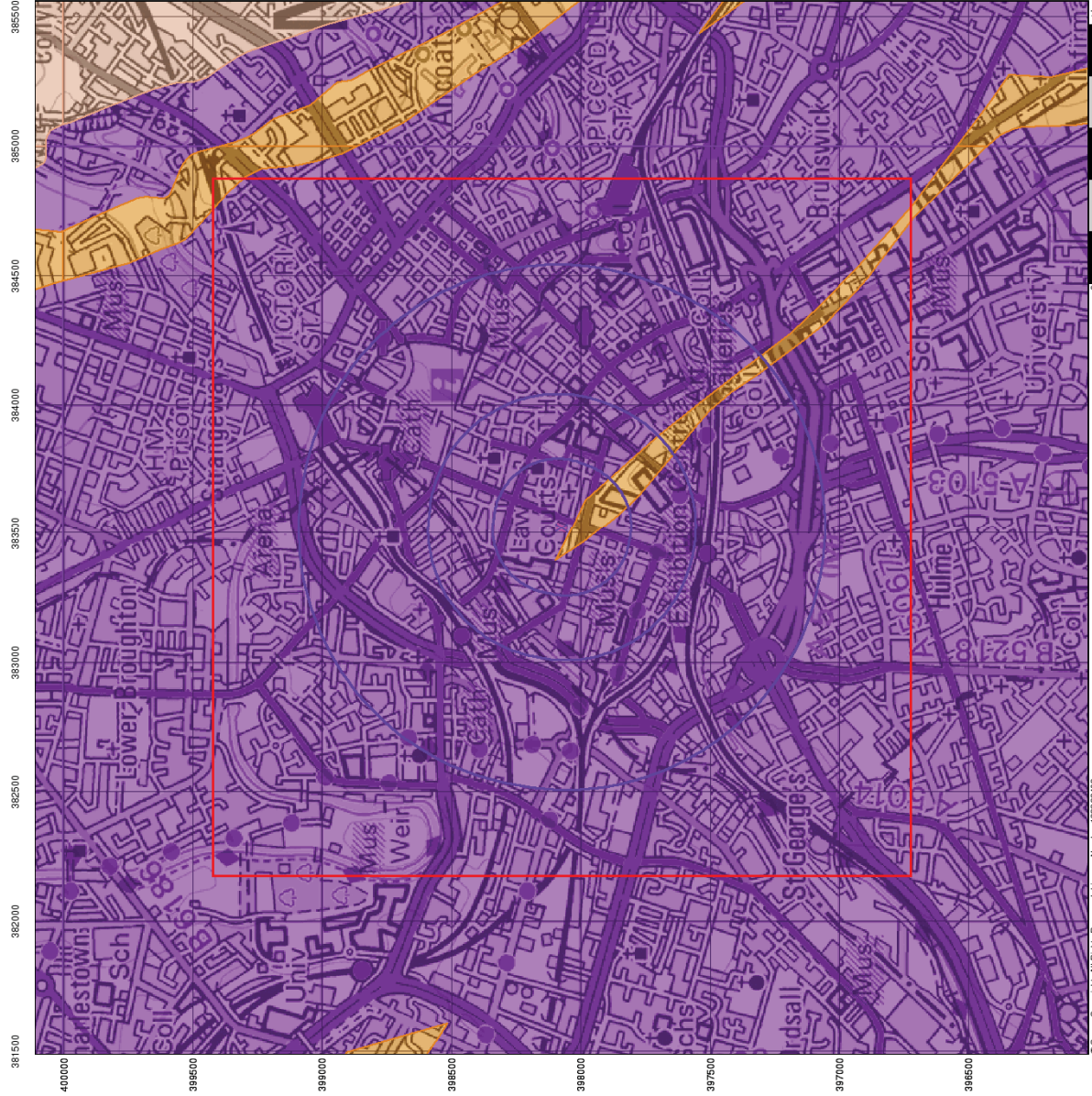
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Customer Ref: 2801
National Grid Reference: 383520, 398070
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

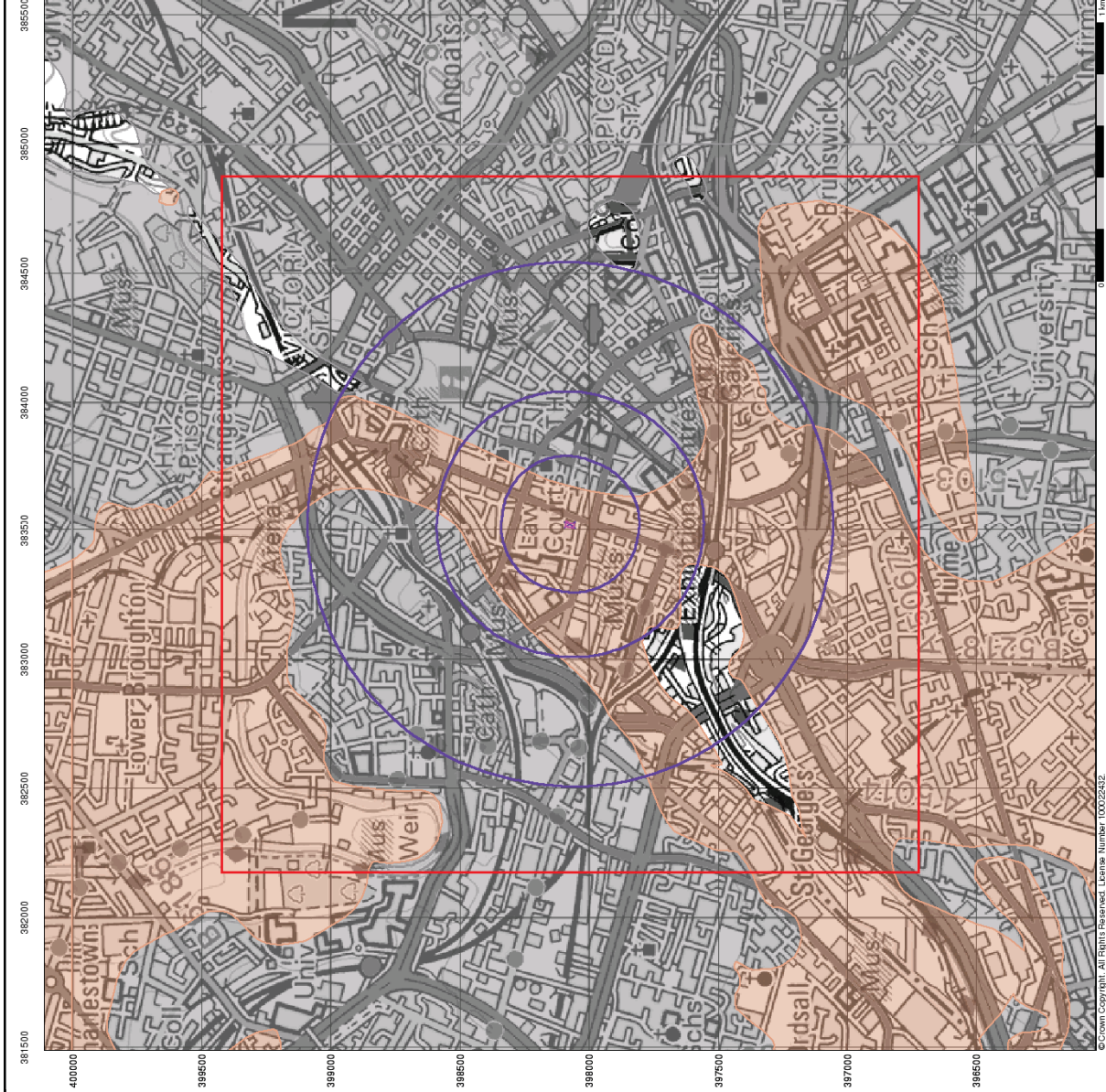
Site Details

Flix, Invicta House, 24 Atkinson Street, MANCHESTER, M3 3HH



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk





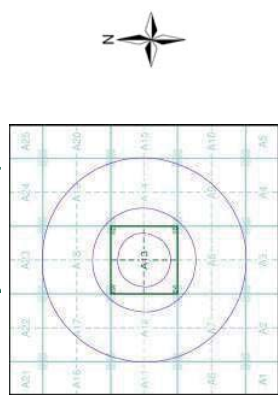
Superficial Aquifer Designation

- General**
- Specified Site
 - Specified Buffer(s)
 - Map ID
 - Bearing Reference Point

Agency and Hydrological

- Geological Classes**
- Principal Aquifer
 - Secondary A Aquifer
 - Secondary B Aquifer
 - Secondary Undifferentiated
 - Unproductive Strata
 - Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 71053485_1_1
Customer Ref: 2801
National Grid Reference: 383520, 398070
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Flix, Invicta House, 24 Atkinson Street, MANCHESTER, M3 3HH



Tel: 0844 844 9552
Fax: 0844 844 9551
Web: www.envirocheck.co.uk



Source Protection Zones

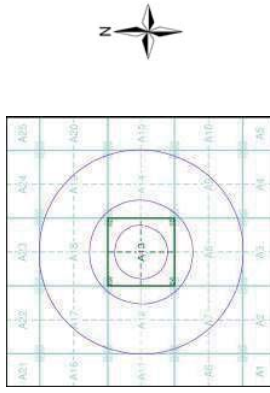
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 71053485_1_1
Customer Ref: 2801
National Grid Reference: 383520, 398070
Slice: A
Site Area (Ha): 0.08
Search Buffer (m): 1000

Site Details

Flix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Sensitive Land Uses

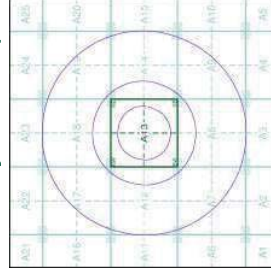
General

-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point
-  Slice
-  Map ID

Sensitive Land Uses

-  Area of Adopted Green Belt
-  Area of Unadopted Green Belt
-  Area of Outstanding Natural Beauty
-  Environmentally Sensitive Area
-  Forest Park
-  Local Nature Reserve
-  Marine Nature Reserve
-  National Nature Reserve
-  National Park
-  Nitrate Sensitive Area
-  Nitrate Vulnerable Zone
-  Ramsar Site
-  Site of Special Scientific Interest
-  Special Area of Conservation
-  Special Protection Area

Site Sensitivity Context Map - Slice A

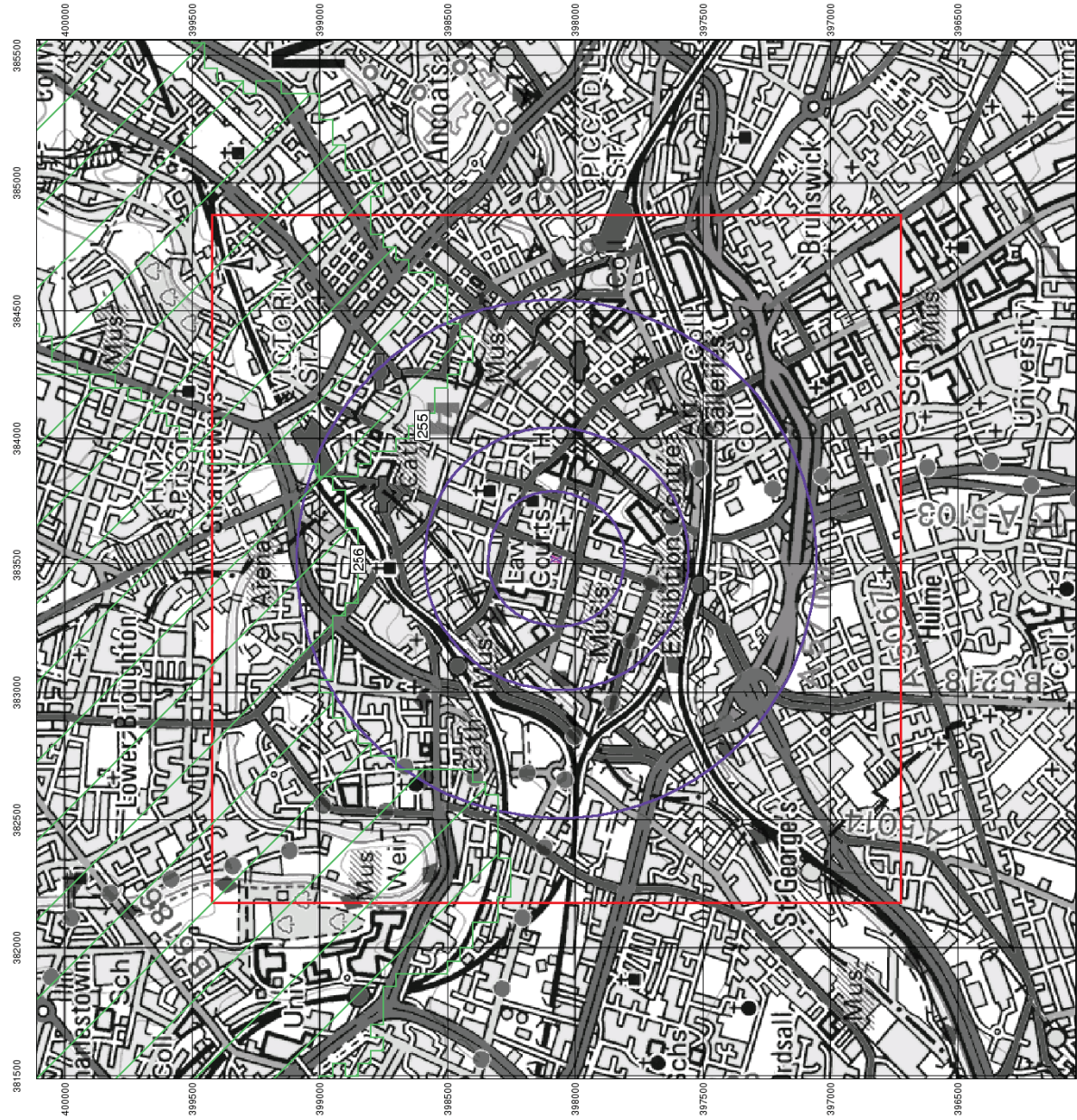


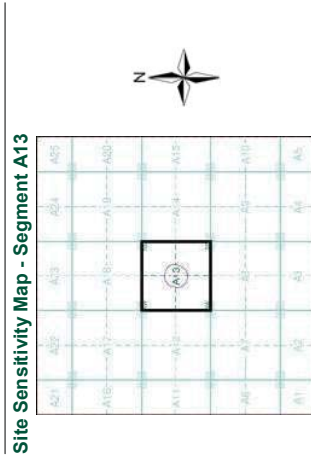
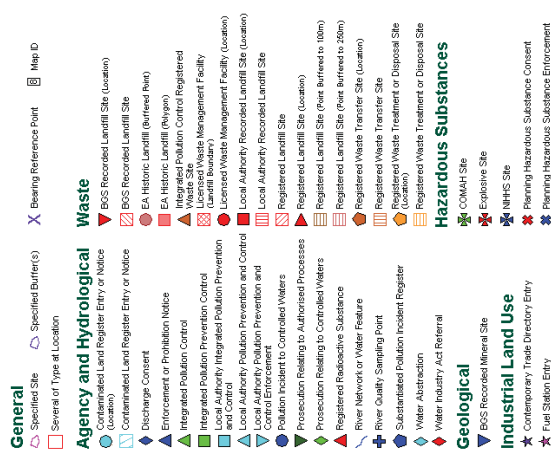
Order Details

Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

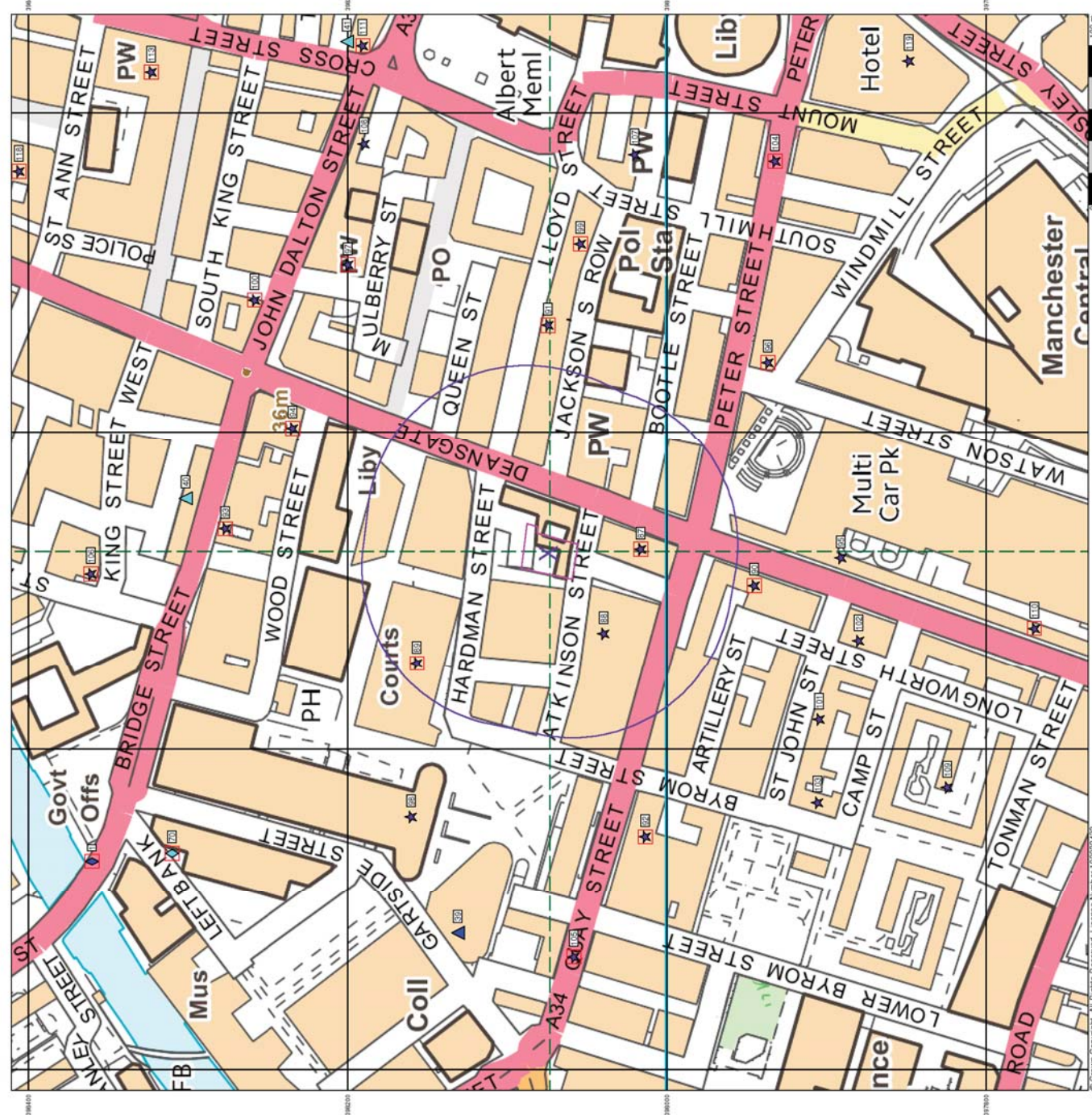
Flix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH





Order Details
 Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Site: A
 Site Area (Ha): 0.08

Site Details
 Site: 3H1
 Plot: 1
 Address: 2.4 Atkinson Street, MANCHESTER, M3



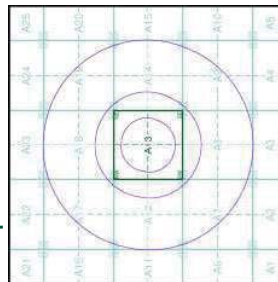
General

- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

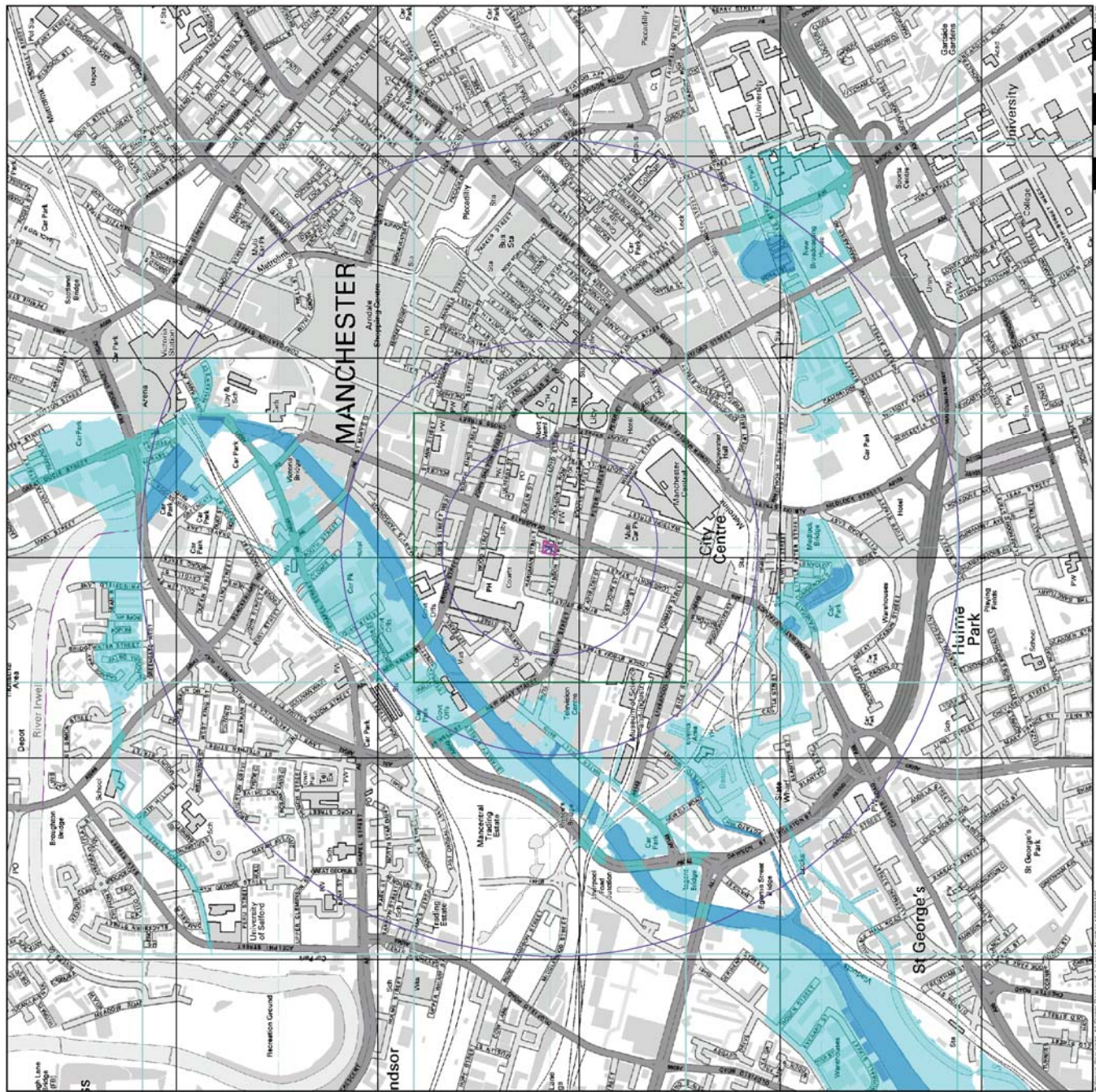


Order Details

Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Flix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type & Location

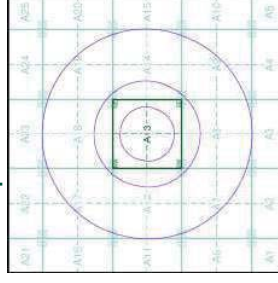
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A

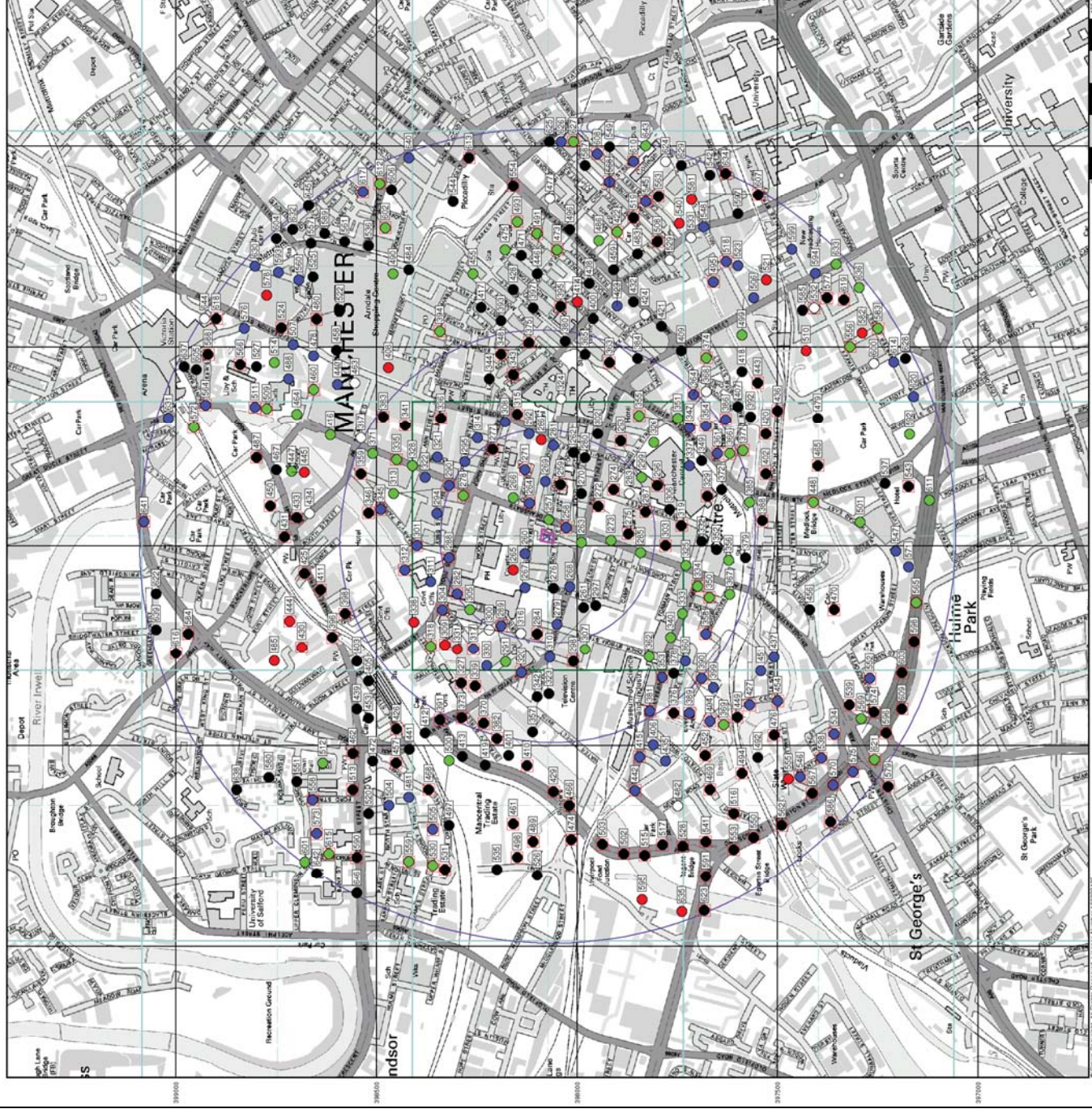


Order Details

Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Flux, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID

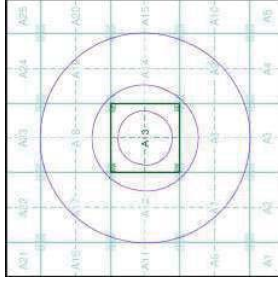
Detailed River Network Data

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Offline Drainage Feature
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature

Contours (height in metres)

- Standard Contour
- Master Contour
- Spot Height
- Mean Low Water
- Mean High Water

EANRW Detailed River Network Map - Slice A

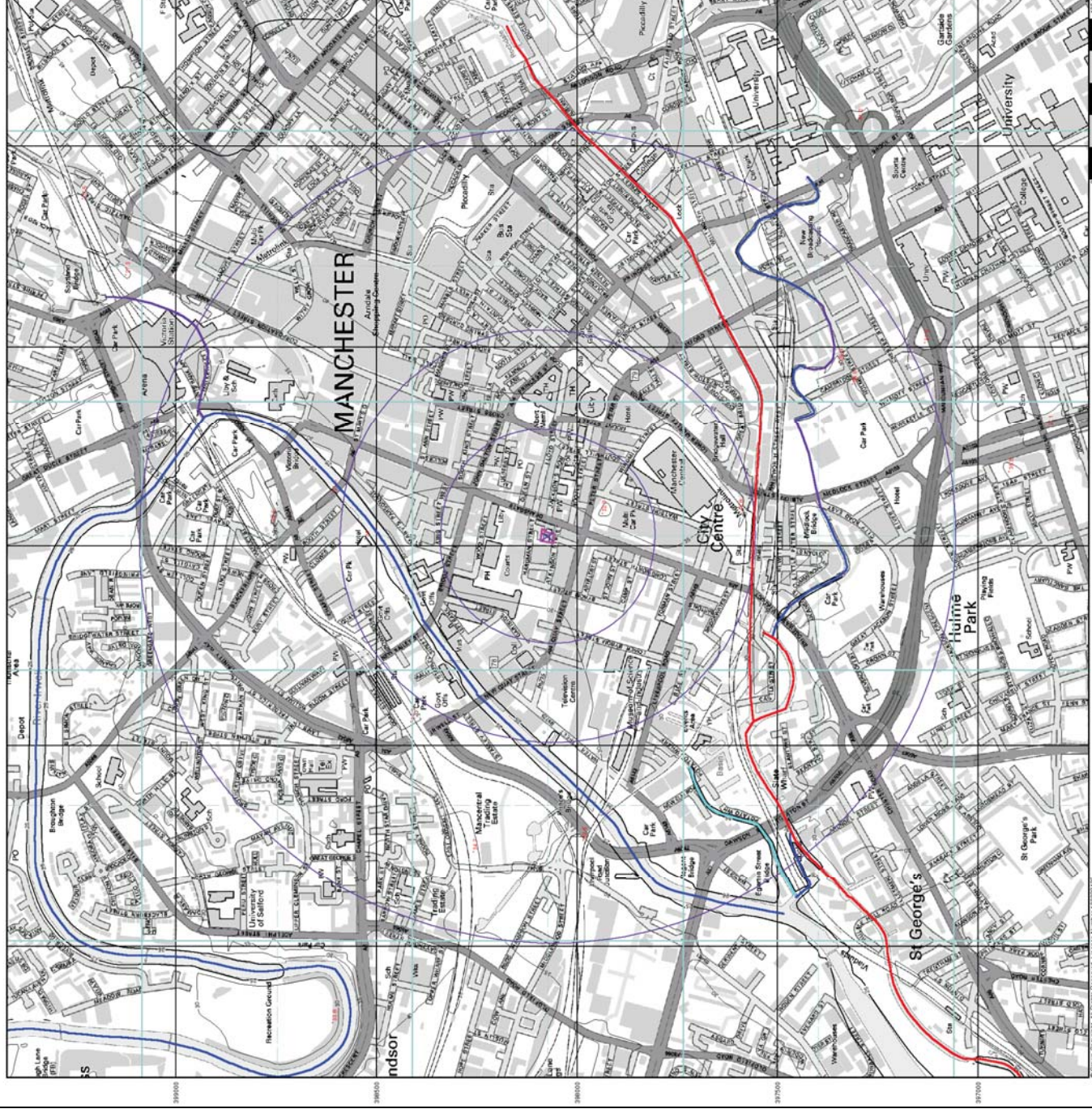


Order Details

Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Flix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



General

- Specified Site
- Specified Buffer(s)
- Boiling Reference Point

Risk of Flooding from Surface Water

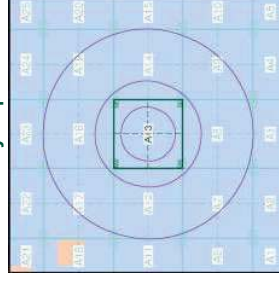
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EANRW Suitability Map - Slice A

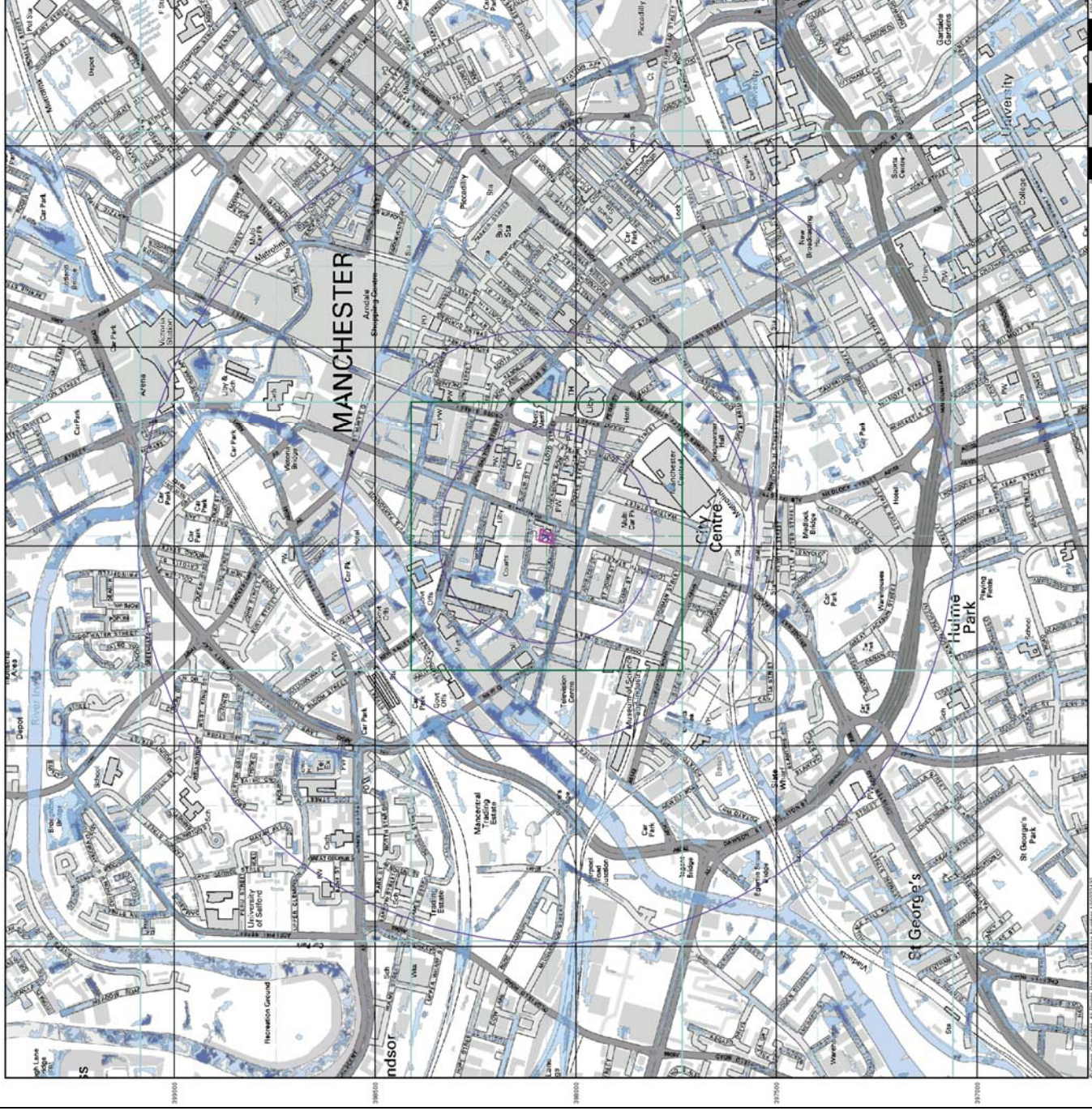


Order Details

Order Number: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search Buffer (m): 1000

Site Details

Flix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH

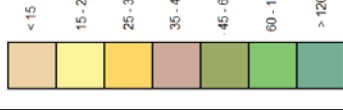


General

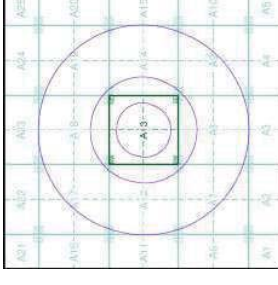
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Urban Soil Chemistry Arsenic

- BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
- Arsenic Concentrations mg/kg



Urban Soil Chemistry Arsenic - Slice A

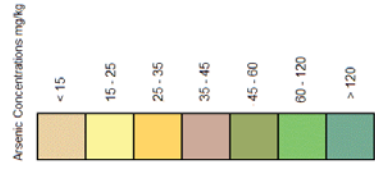


Order Details

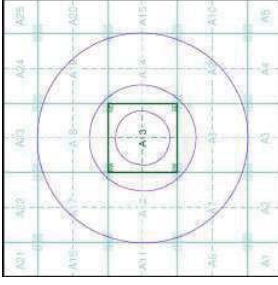
Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

Flux Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

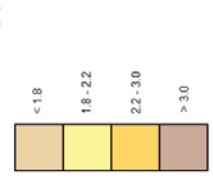
Fix Invicta House, 2-4 Atkinson Street, MANCHESTER, M3
 3HH

General

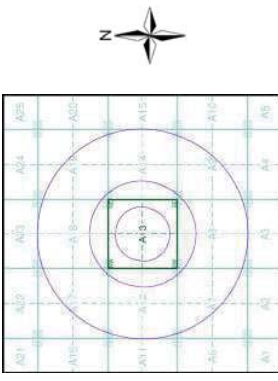
- Specified Site
- Specified Buried
- Bearing Reference Point

Urban Soil Chemistry Cadmium

- SGS Urban Soil Chemistry Measured Concentration Values (mg/kg)



Urban Soil Chemistry Cadmium - Slice A

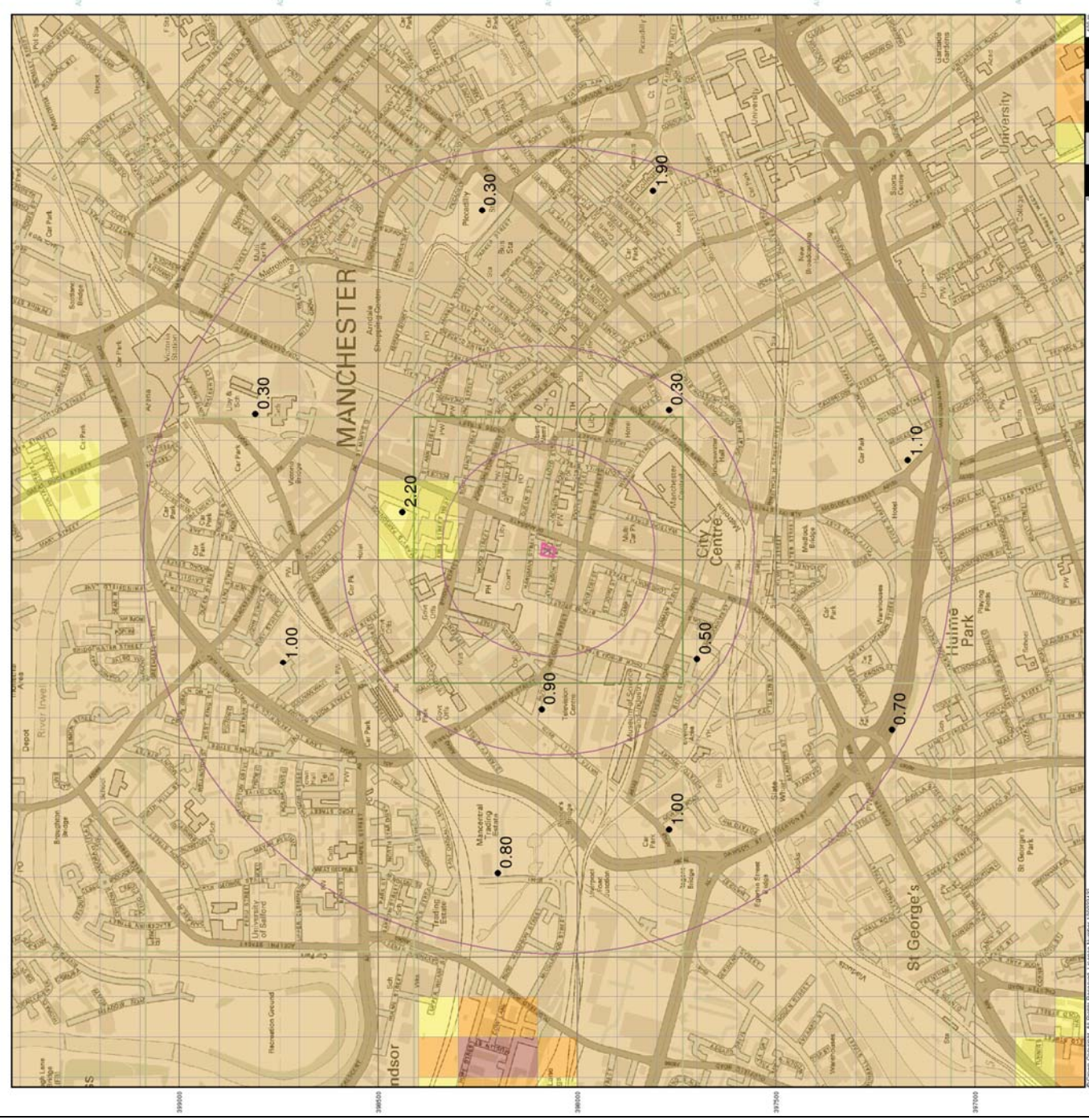


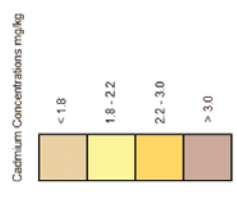
Order Details

Order Details:
 Customer Ref: 71053485_1_1
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

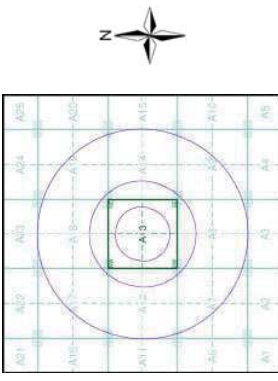
Site Details

Fix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH





Estimated Soil Chemistry Cadmium - Slice A

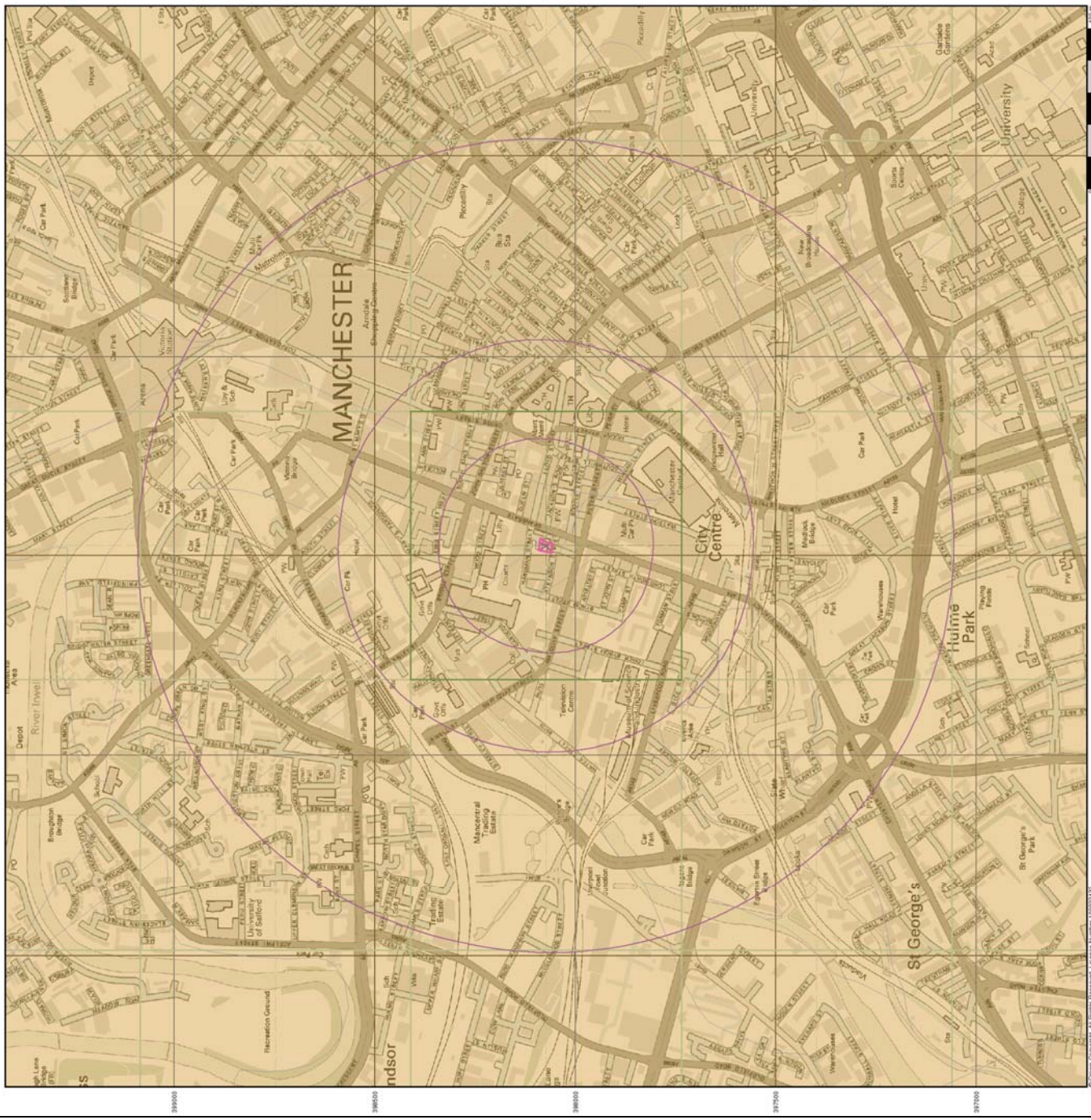


Order Details

Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

Fix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3
 3HH



General

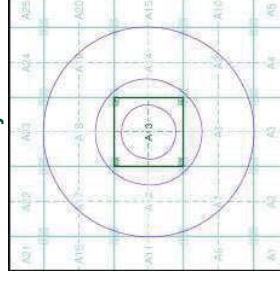
- Specified Site
- Specified Buffer(s)
- Boasting Reference Point

Urban Soil Chemistry Chromium

- BGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
- Chromium Concentrations mg/kg



Urban Soil Chemistry Chromium - Slice A



Order Details

Order Details:
 Customer Ref: 71053485_1_1
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

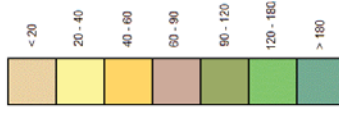
Fix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH

General

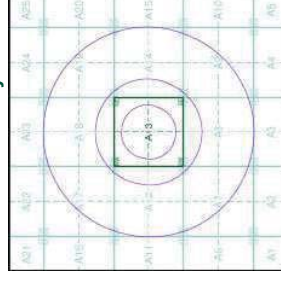
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

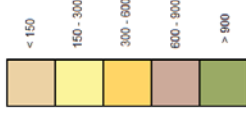
Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

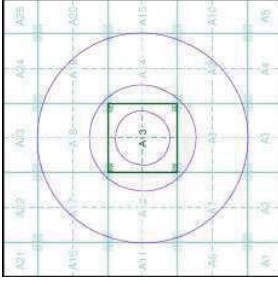
Flux, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH

Urban Soil Chemistry Lead

 SGS Urban Soil Chemistry Measured Concentration Values (mg/kg)
 Lead Concentrations mg/kg



Urban Soil Chemistry Lead - Slice A

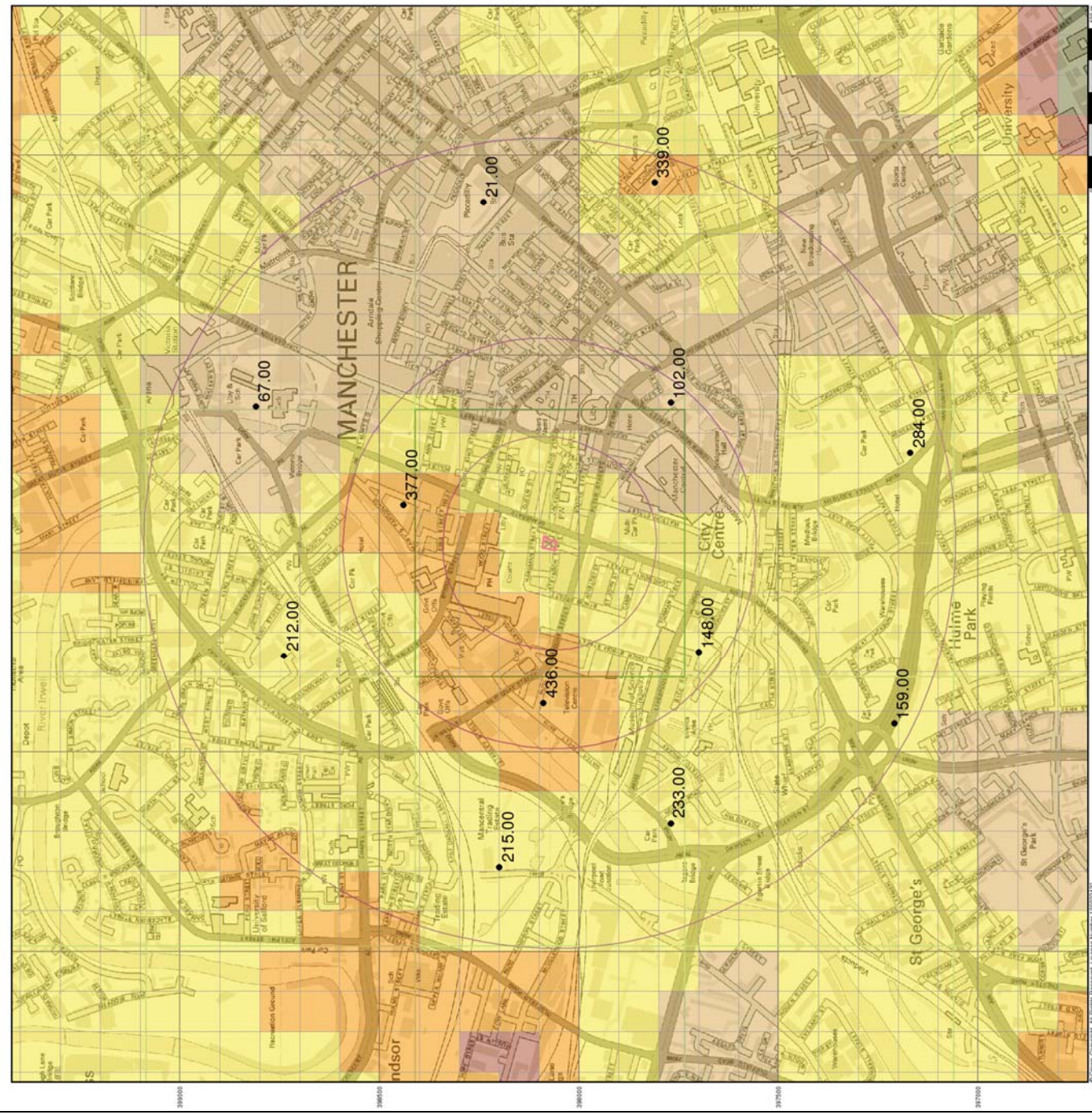


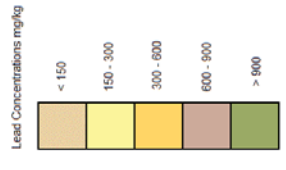
Order Details

Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

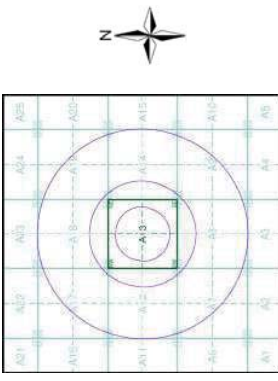
Site Details

Flx Invicta House, 2-4 Atkinson Street, MANCHESTER, M3
 3HH





Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

Fix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3
 3HH

General

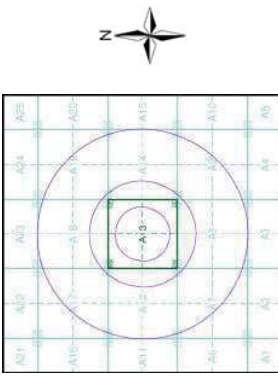
 Specified Site
 Specified Buffer(s)
 Survey Reference Point

Urban Soil Chemistry Nickel

 Urban Soil Chemistry Measured Concentration Values (mg/kg)
 Nickel Concentrations mg/kg



Urban Soil Chemistry Nickel - Slice A

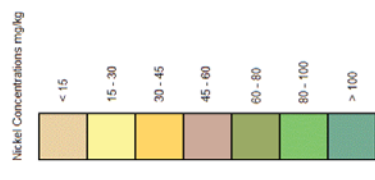


Order Details

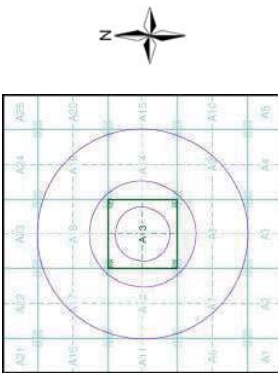
Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

Fix, Invicta House, 2-4 Atkinson Street, MANCHESTER, M3 3HH



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 71053485_1_1
 Customer Ref: 2801
 National Grid Reference: 383520, 398070
 Slice: A
 Site Area (Ha): 0.08
 Search buffer (m): 1000

Site Details

Fix: Invicta House, 2-4 Atkinson Street, MANCHESTER, M3
 3HH