



## Yorkshire

Published 1893

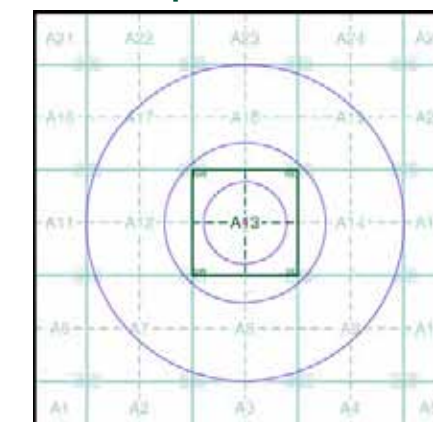
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

174NW 1893 1:10,560	174NE 1893 1:10,560
174SW 1893 1:10,560	174SE 1893 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
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Yorkshire

Published 1910

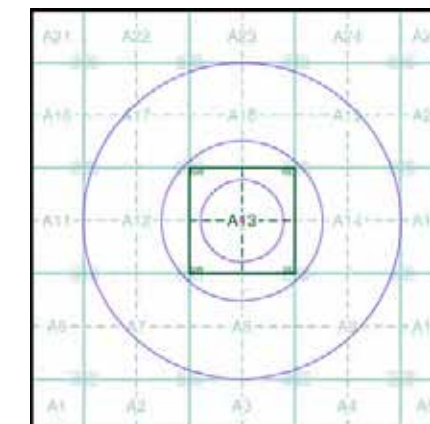
Source map scale - 1:10,560

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### Map Name(s) and Date(s)

174NW 1910 1:10,560	174NE 1910 1:10,560
174SW 1910 1:10,560	174SE 1910 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
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Slice: A  
Site Area (Ha): 0.04  
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## Yorkshire

Published 1931 - 1932

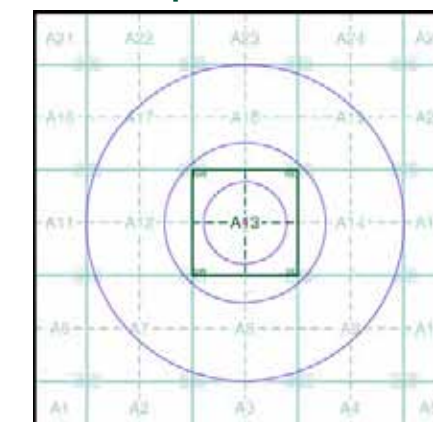
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

174NW 1932 1:10,560	174NE 1931 1:10,560
174SW 1932 1:10,560	174SE 1931 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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Yorkshire, YO31 7XZ

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Yorkshire

Published 1938

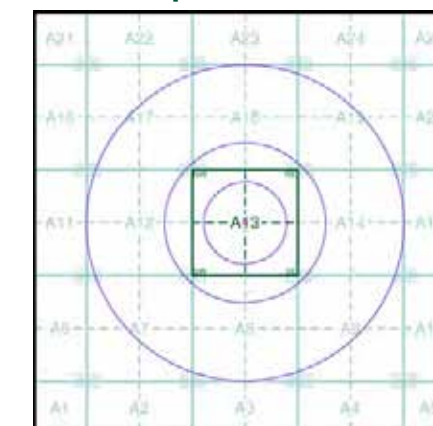
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

174NW 1938 1:10,560	174NE 1938 1:10,560
174SW 1938 1:10,560	174SE 1938 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
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Site Area (Ha): 0.04  
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Yorkshire

Published 1938

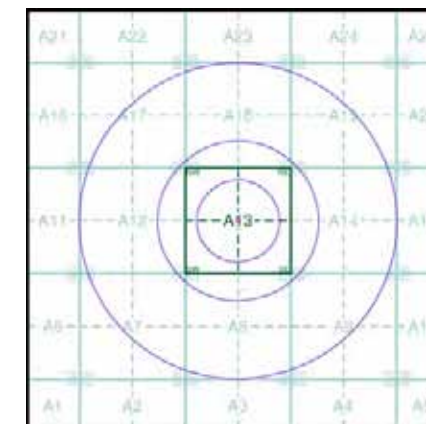
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

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174NW 1938 1:10,560	174NE 1938 1:10,560
174SW 1938 1:10,560	174SE 1938 1:10,560

#### Historical Map - Slice A



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## Yorkshire

Published 1952 - 1953

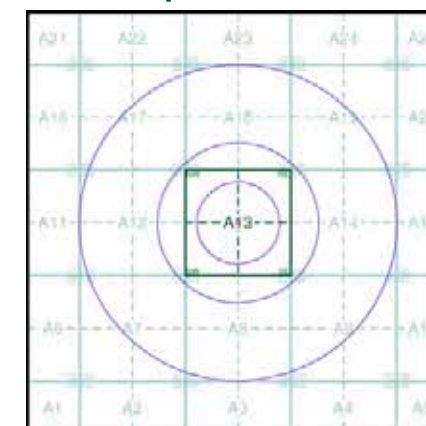
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

174NW 1952 1:10,560	174NE 1952 1:10,560
174SW 1952 1:10,560	174SE 1953 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
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National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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## Ordnance Survey Plan

Published 1958

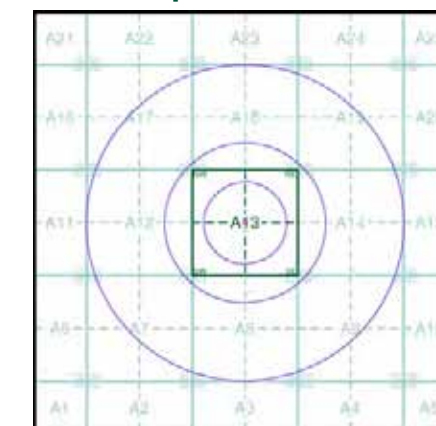
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

SE55SE 1958 1:10,560	SE65SW 1958 1:10,560
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### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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**Landmark**  
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## Ordnance Survey Plan

Published 1971 - 1972

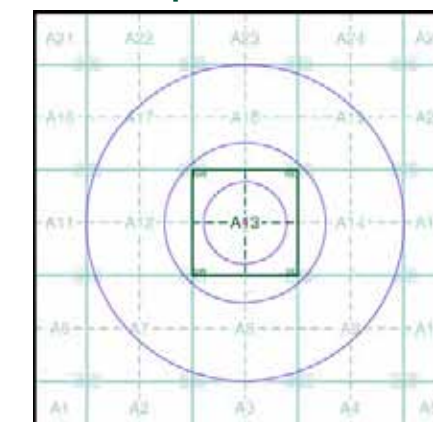
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

SE55SE 1972 1:10,000	SE65SW 1971 1:10,000
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### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

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## York

Published 1980

Source map scale - 1:10,000

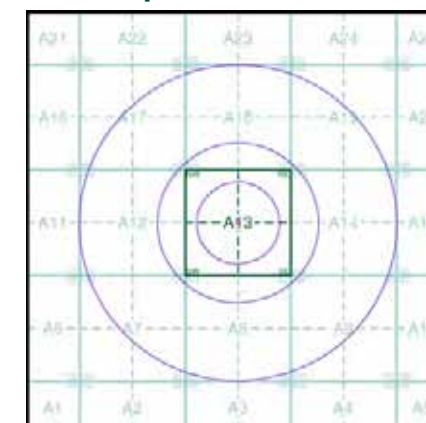
These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.

They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

### Map Name(s) and Date(s)

SE55SE 1980 1:10,000	SE65SW 1980 1:10,000
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### Russian Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

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## Ordnance Survey Plan

Published 1982 - 1985

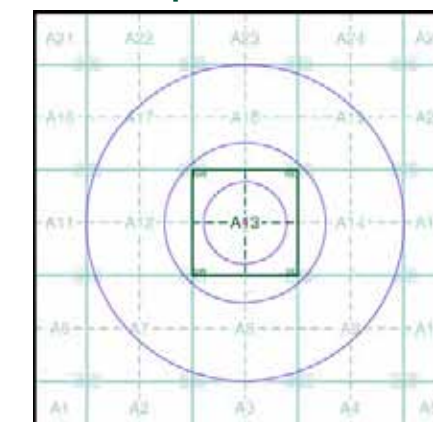
Source map scale - 1:10,000

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## Map Name(s) and Date(s)

SE55SE 1985 1:10,000	SE65SW 1982 1:10,000
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## Historical Map - Slice A



## Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

## Site Details

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Yorkshire, YO31 7XZ

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## Ordnance Survey Plan

Published 1992

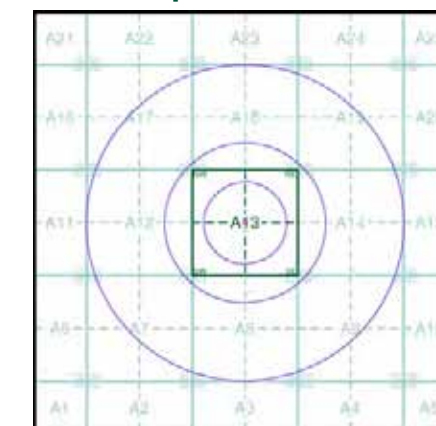
Source map scale - 1:10,000

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SE55SE 1992 1:10,000	SE65SW 1992 1:10,000
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### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
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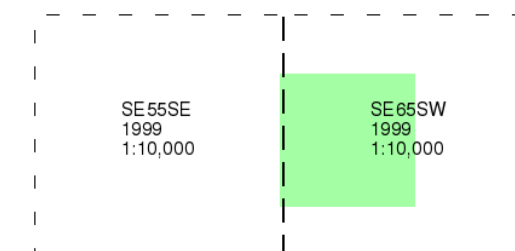
## 10k Raster Mapping

Published 1999

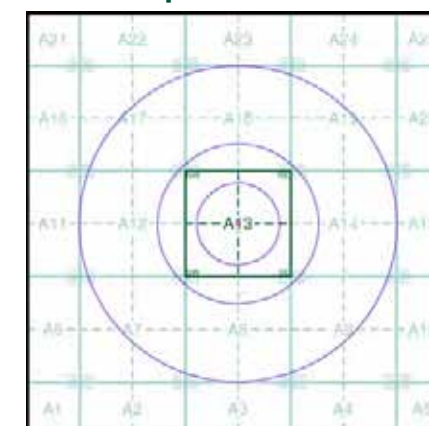
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey's 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
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Slice: A  
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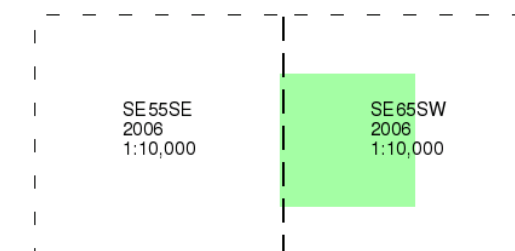
## 10k Raster Mapping

Published 2006

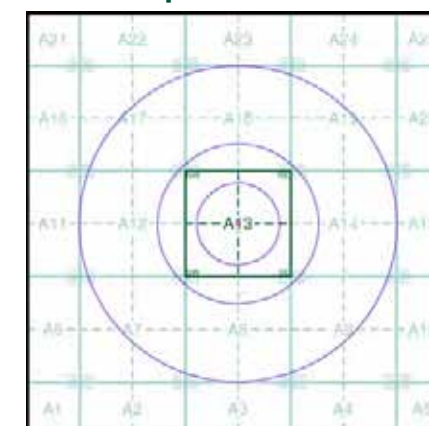
Source map scale - 1:10,000

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### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

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## VectorMap Local

Published 2018

Source map scale - 1:10,000

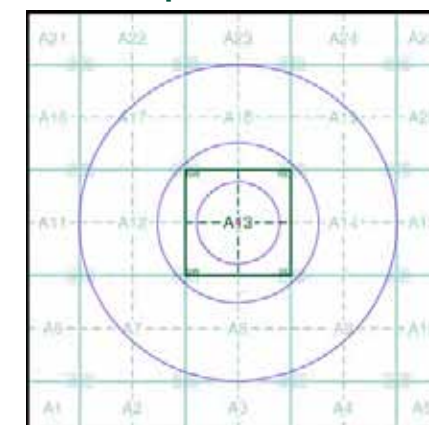
VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities), 1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

### Map Name(s) and Date(s)

SE55SE  
2018  
Variable

SE65SW  
2018  
Variable

### Historical Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

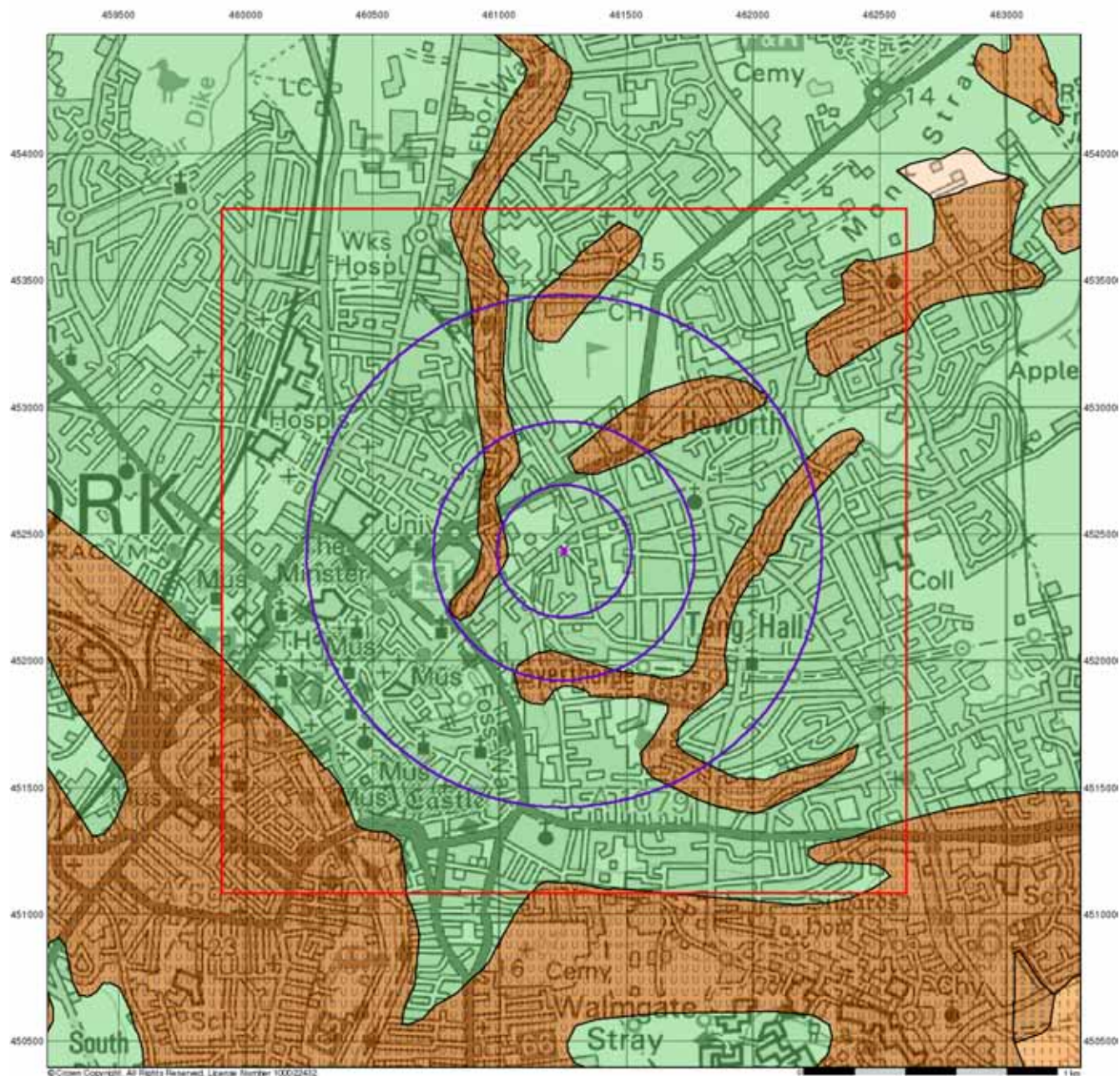
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## Groundwater Vulnerability

### General

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

### Agency and Hydrological

#### Geological Classes

Major Aquifer  
(Highly Permeable)

Minor Aquifer  
(Variably Permeable)

Non Aquifer  
(Negligibly Permeable)

Water or Sea

Drift Deposit

#### Soil Classes

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

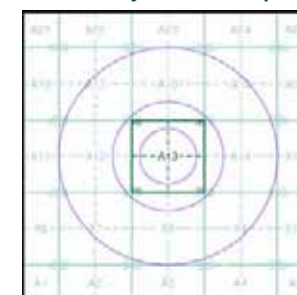
Low

High (H) 1, 2, 3, U

Intermediate (I) 1, 2

Low

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
 Customer Ref: 18-556  
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 Slice: A  
 Site Area (Ha): 0.04  
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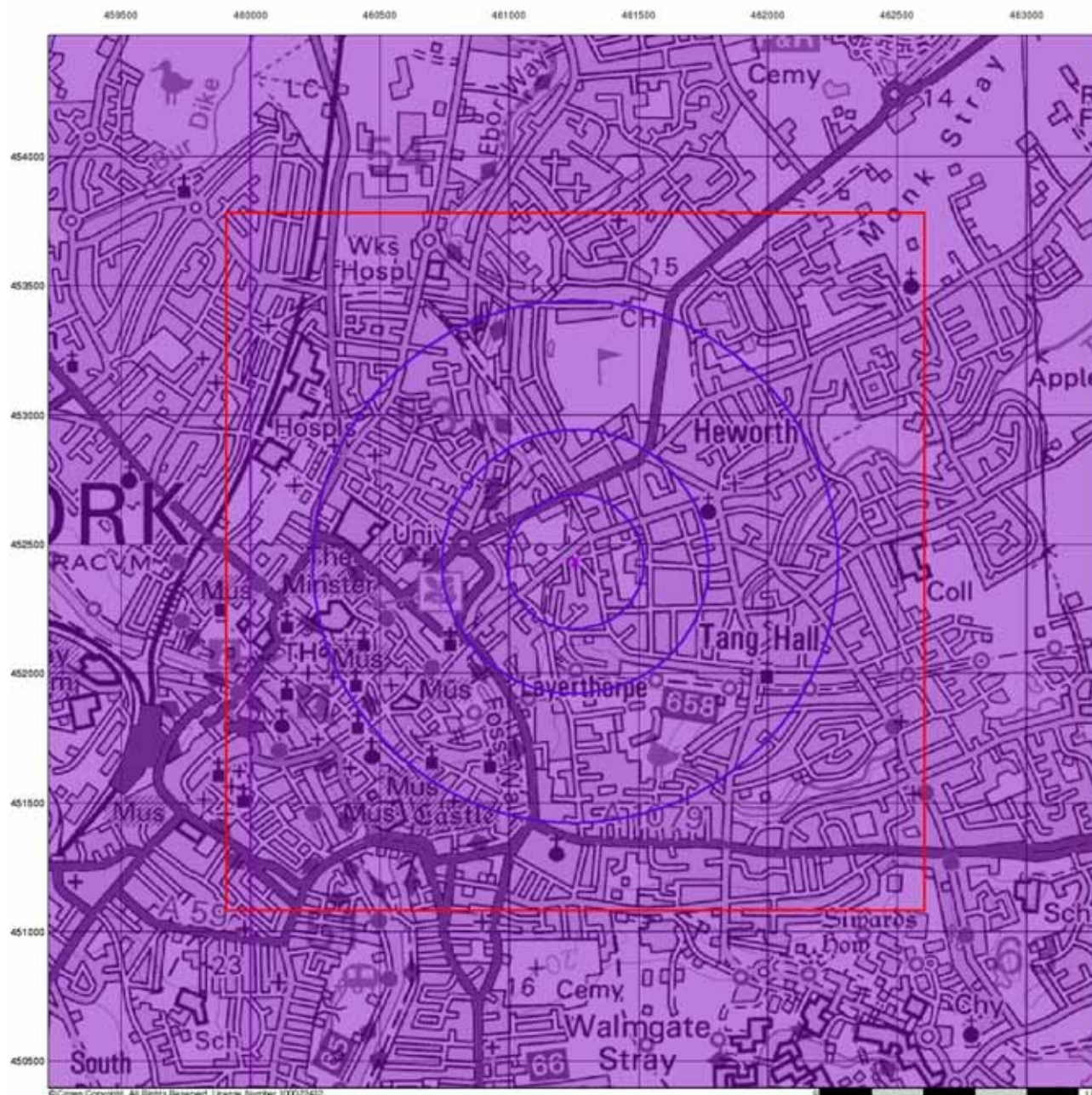
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## Bedrock Aquifer Designation

### General

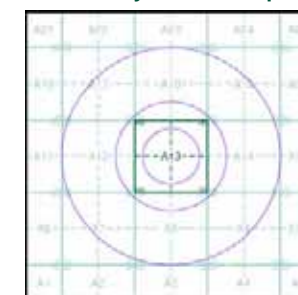
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
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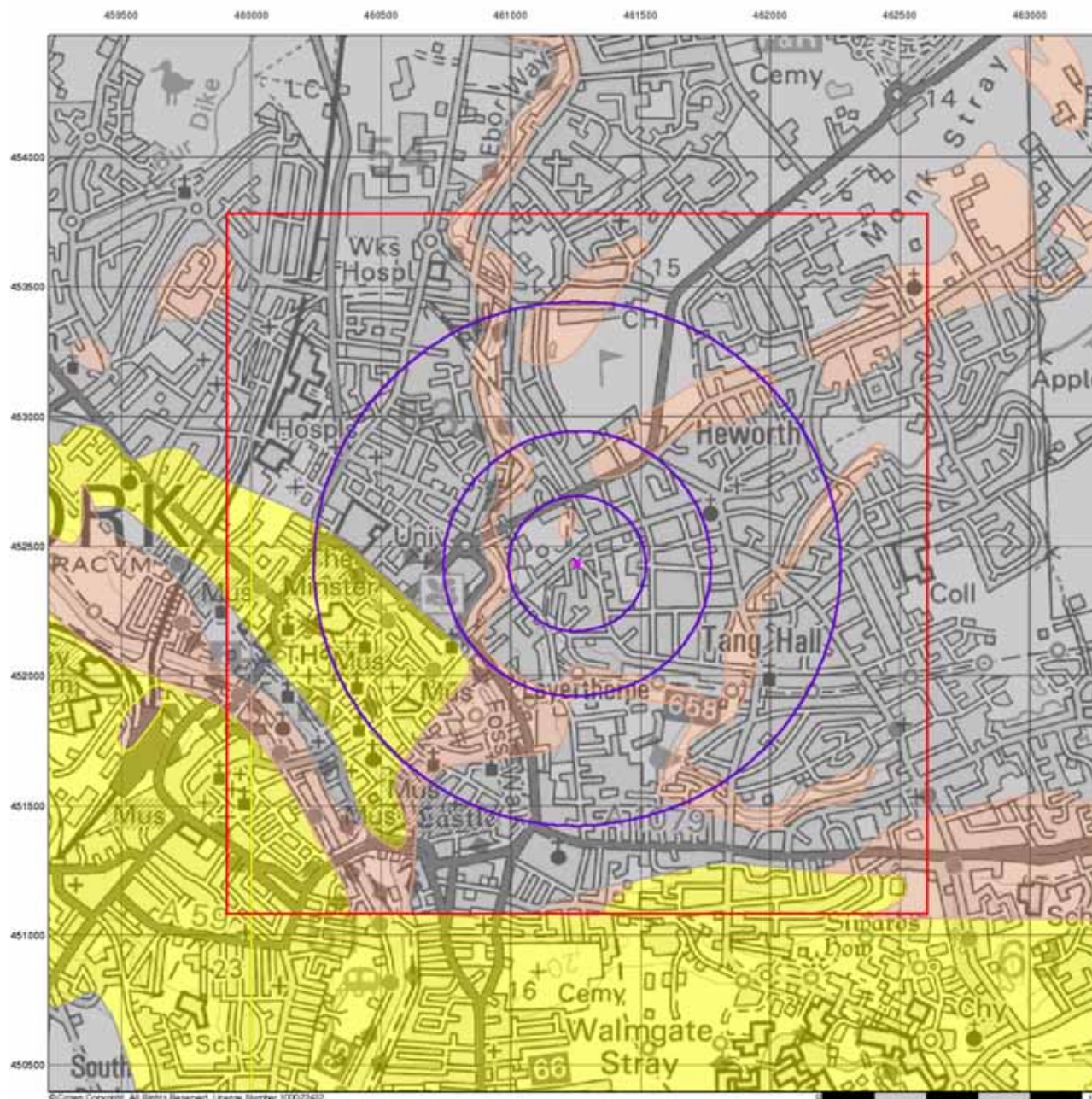
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## Superficial Aquifer Designation

### General

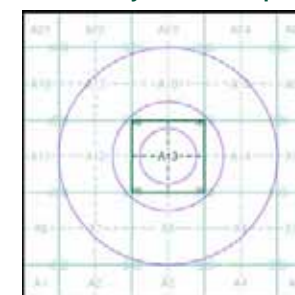
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
 Customer Ref: 18-556  
 National Grid Reference: 461250, 452430  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

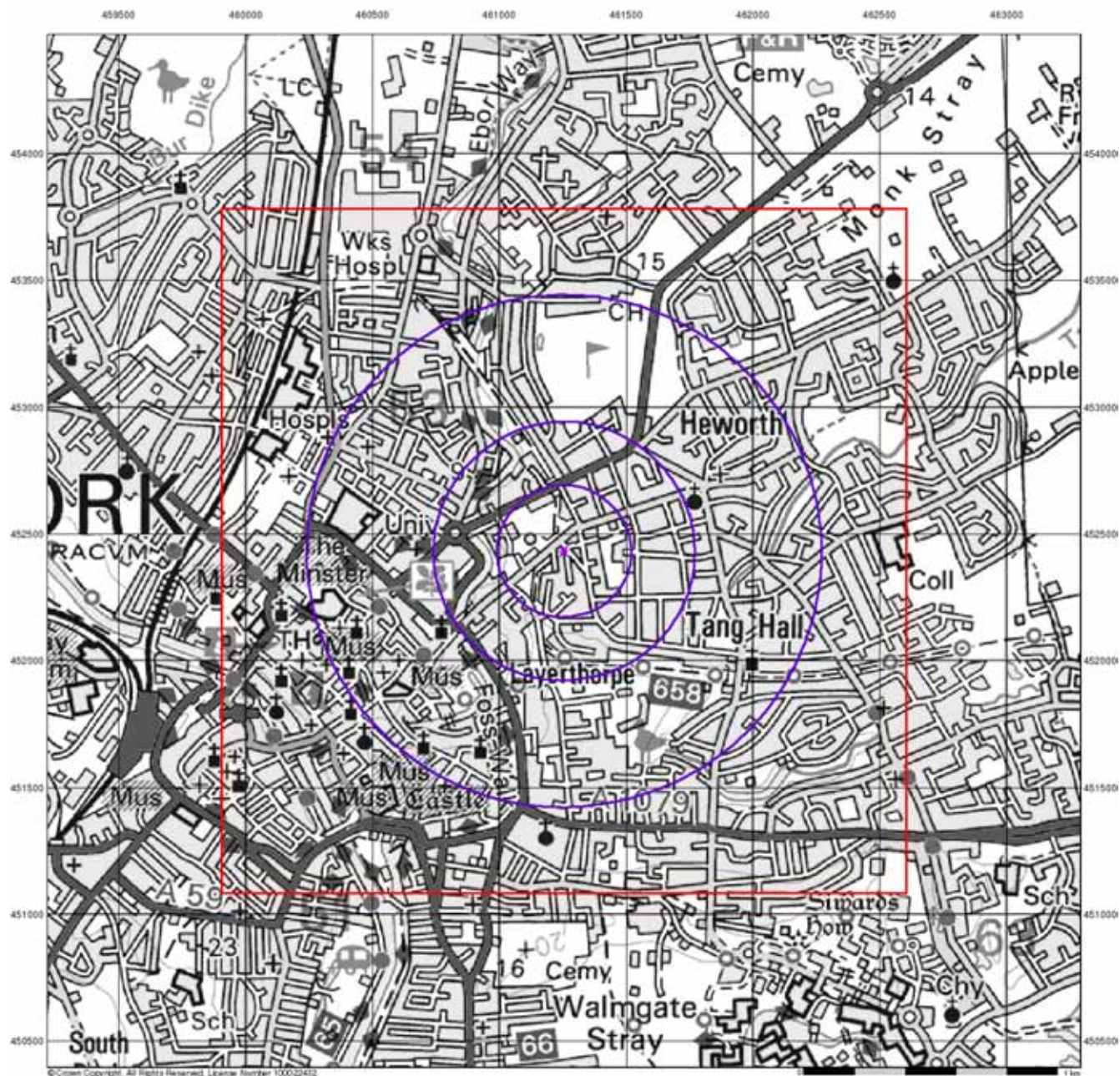
### Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ

**Landmark**  
 INFORMATION GROUP

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## Source Protection Zones

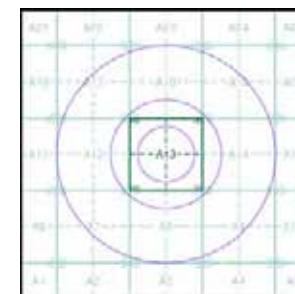
### General

- 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)

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
 Customer Ref: 18-556  
 National Grid Reference: 461250, 452430  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

### Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ

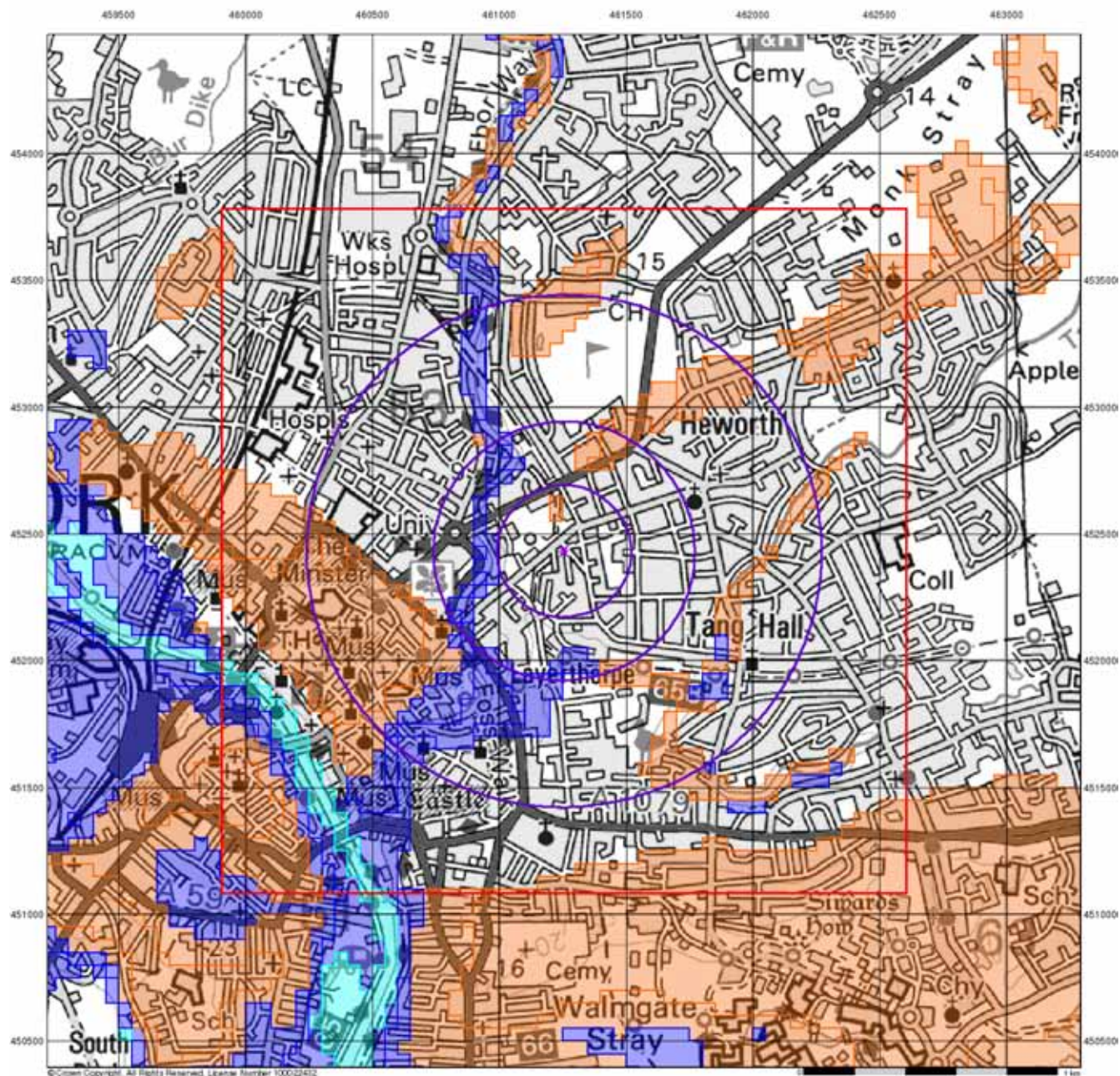
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## BGS Flood GFS Data

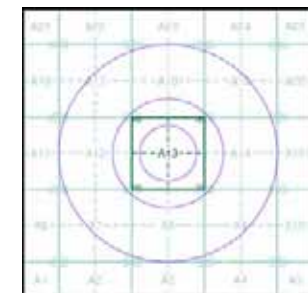
### General

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

### Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

## Site Sensitivity Context Map - Slice A



## Order Details

Order Number: 174080155\_1\_1  
 Customer Ref: 18-556  
 National Grid Reference: 461250, 452430  
 Slice: A  
 Site Area (Ha): 0.04  
 Search Buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ



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## General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location
- Pylon
- Overhead Transmission Line

## Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

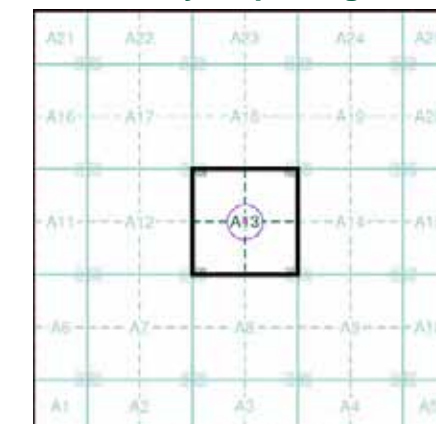
## Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

## Geological

- BGS Recorded Mineral Site

## Site Sensitivity Map - Segment A13



## Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Plot Buffer (m): 100

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
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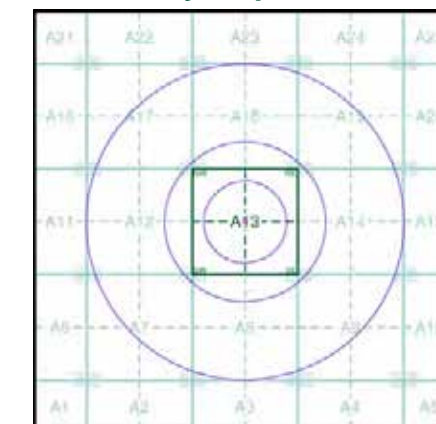
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control Enforcement
  - Pollution Incident to Controlled Waters
  - Prosecution Relating to Authorised Processes
  - Prosecution Relating to Controlled Waters
  - Registered Radioactive Substance
  - River Network or Water Feature
  - River Quality Sampling Point
  - Substantiated Pollution Incident Register
  - Water Abstraction
  - Water Industry Act Referral
- Hazardous Substances**
- COMAH Site
  - Explosive Site
  - NIHHS Site
  - Planning Hazardous Substance Consent
  - Planning Hazardous Substance Enforcement
  - BGS Recorded Mineral Site
- Waste**
- BGS Recorded Landfill Site (Location)
  - BGS Recorded Landfill Site
  - EA Historic Landfill (Buffered Point)
  - EA Historic Landfill (Polygon)
  - Integrated Pollution Control Registered Waste Site
  - Licensed Waste Management Facility (Landfill Boundary)
  - Licensed Waste Management Facility (Location)
  - Local Authority Recorded Landfill Site (Location)
  - Local Authority Recorded Landfill Site
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Non-water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Potentially Infilled Land (Water)
  - Registered Landfill Site (Location)
  - Registered Landfill Site (Point Buffered to 100m)
  - Registered Landfill Site (Point Buffered to 250m)
  - Registered Waste Transfer Site (Location)
  - Registered Waste Transfer Site
  - Registered Waste Treatment or Disposal Site (Location)
  - Registered Waste Treatment or Disposal Site

## Site Sensitivity Map - Slice A



## Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
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## Industrial Land Use Map

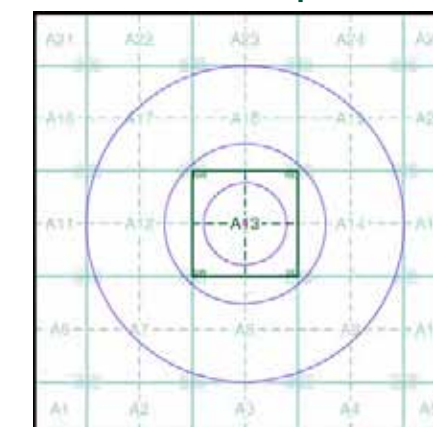
### General

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

### Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Gas Pipeline
- Points of Interest - Commercial Services
- Points of Interest - Education and Health
- Points of Interest - Manufacturing and Production
- Points of Interest - Public Infrastructure
- Points of Interest - Recreational and Environmental
- Underground Electrical Cables

### Industrial Land Use Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
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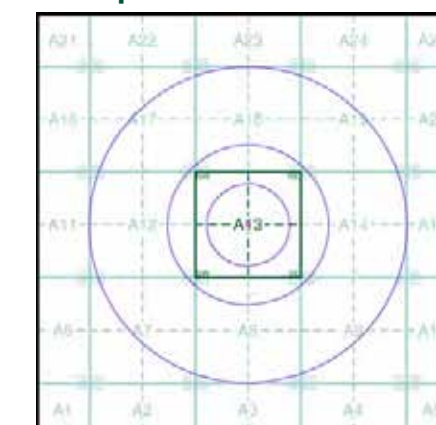
### General

- 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: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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### General

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

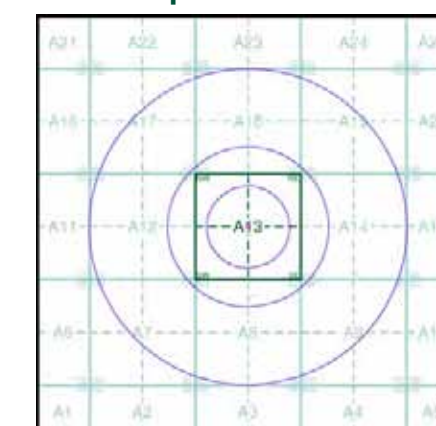
### Agency and Hydrological (Boreholes)

- 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](http://www.envirocheck.co.uk).

### Borehole Map - Slice A



### Order Details

Order Number: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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### General

- Specified Site
- Specified Buffer(s)
- Bearing 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: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search Buffer (m): 1000

### Site Details

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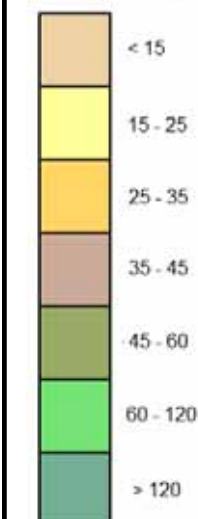
## General

Specified Site Specified Buffer(s) Bearing Reference Point

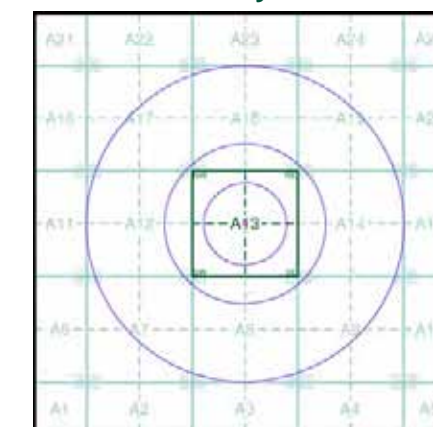
## Urban Soil Chemistry Arsenic

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

Arsenic Concentrations mg/kg



## Urban Soil Chemistry Arsenic - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

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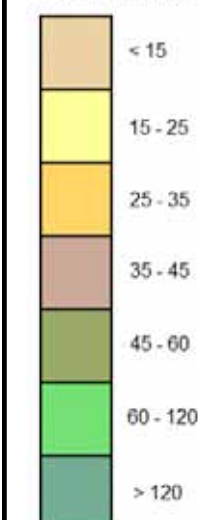


## General

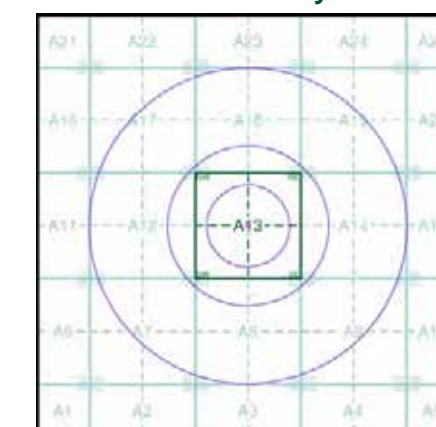
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
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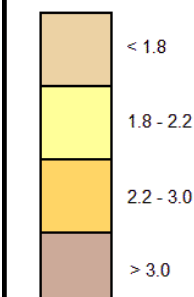
## General

Specified Site Specified Buffer(s) Bearing Reference Point

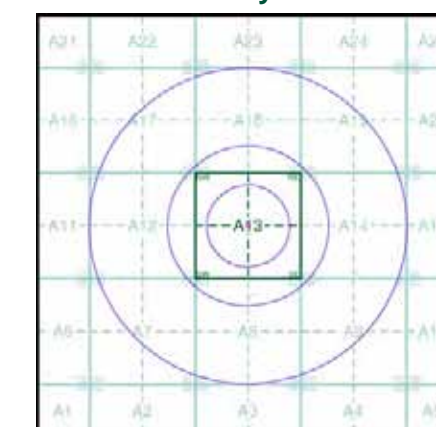
## Urban Soil Chemistry Cadmium

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

Cadmium Concentrations mg/kg



## Urban Soil Chemistry Cadmium - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

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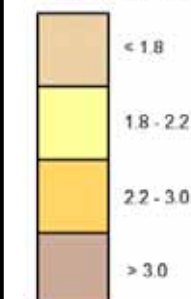


## General

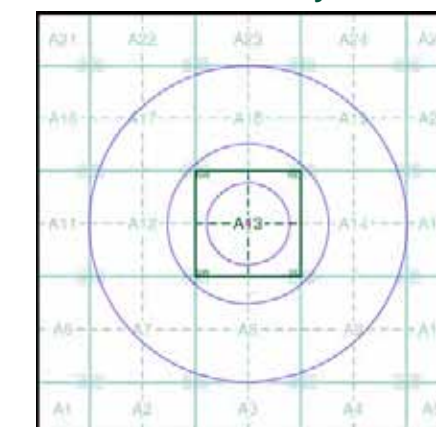
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
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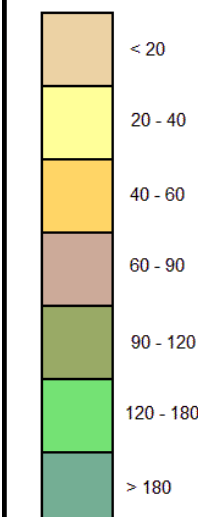
## General

Specified Site Specified Buffer(s) Bearing Reference Point

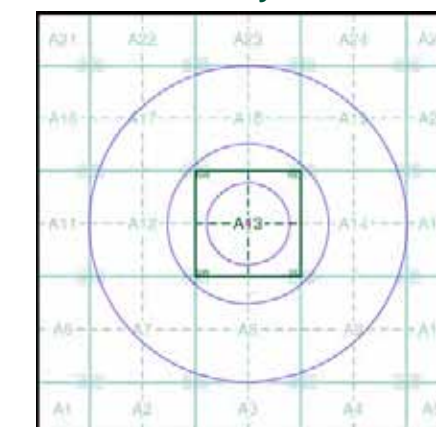
## Urban Soil Chemistry Chromium

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

Chromium Concentrations mg/kg



## Urban Soil Chemistry Chromium - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

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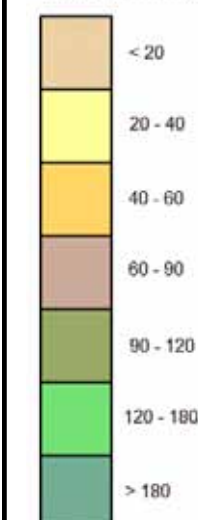


## General

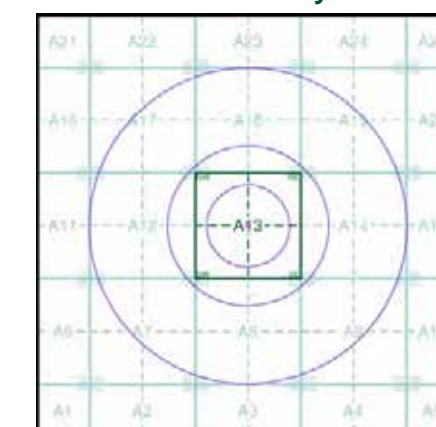
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

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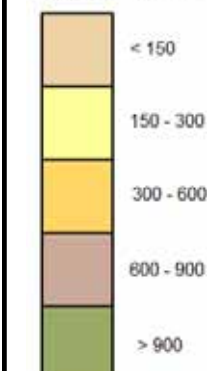
## General

Specified Site Specified Buffer(s) Bearing Reference Point

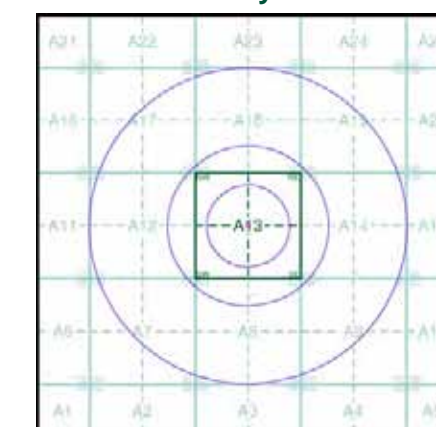
## Urban Soil Chemistry Lead

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

Lead Concentrations mg/kg



## Urban Soil Chemistry Lead - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North Yorkshire, YO31 7XZ

**Landmark**  
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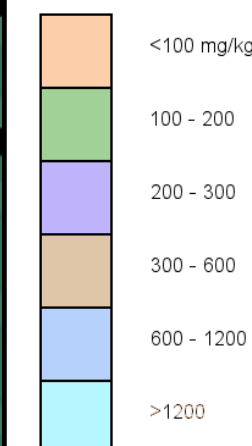


## General

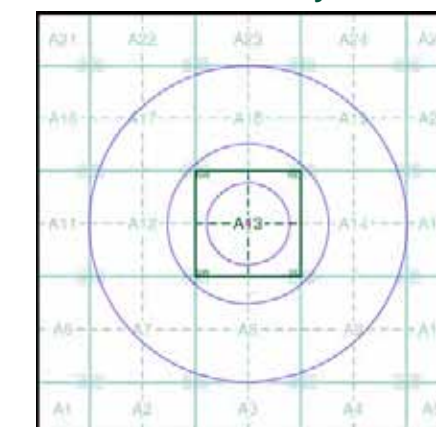
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

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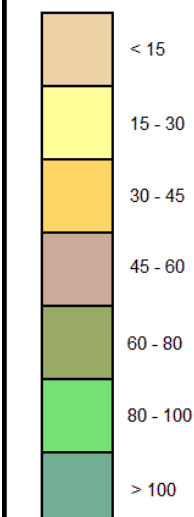
## General

Specified Site Specified Buffer(s) Bearing Reference Point

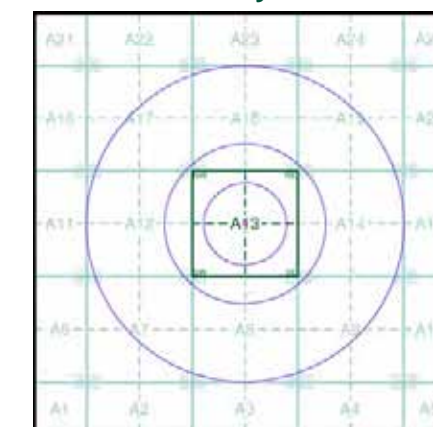
## Urban Soil Chemistry Nickel

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

Nickel Concentrations mg/kg



## Urban Soil Chemistry Nickel - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

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Yorkshire, YO31 7XZ



Tel: 0844 844 9952  
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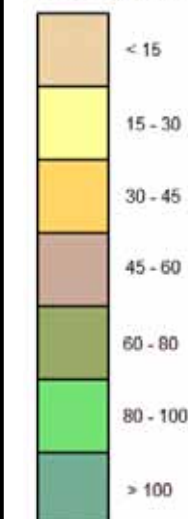


## General

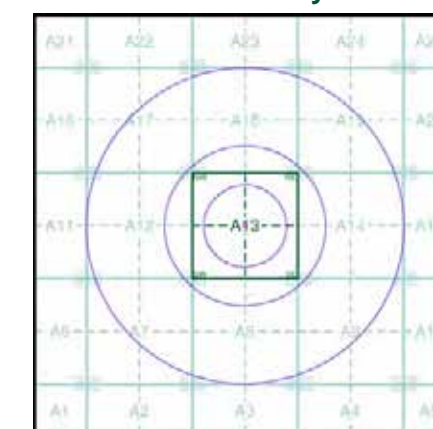
Specified Site Specified Buffer(s) Bearing Reference Point

## Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



## Estimated Soil Chemistry Nickel - Slice A



## Order Details

Order Details: 174080155\_1\_1  
Customer Ref: 18-556  
National Grid Reference: 461250, 452430  
Slice: A  
Site Area (Ha): 0.04  
Search buffer (m): 1000

## Site Details

Glen Suzuki Garage, 12 Hawthorn Grove, York, North  
Yorkshire, YO31 7XZ

**Landmark**  
INFORMATION GROUP

Tel: 0844 844 9952  
Fax: 0844 844 9951  
Web: [www.envirocheck.co.uk](http://www.envirocheck.co.uk)

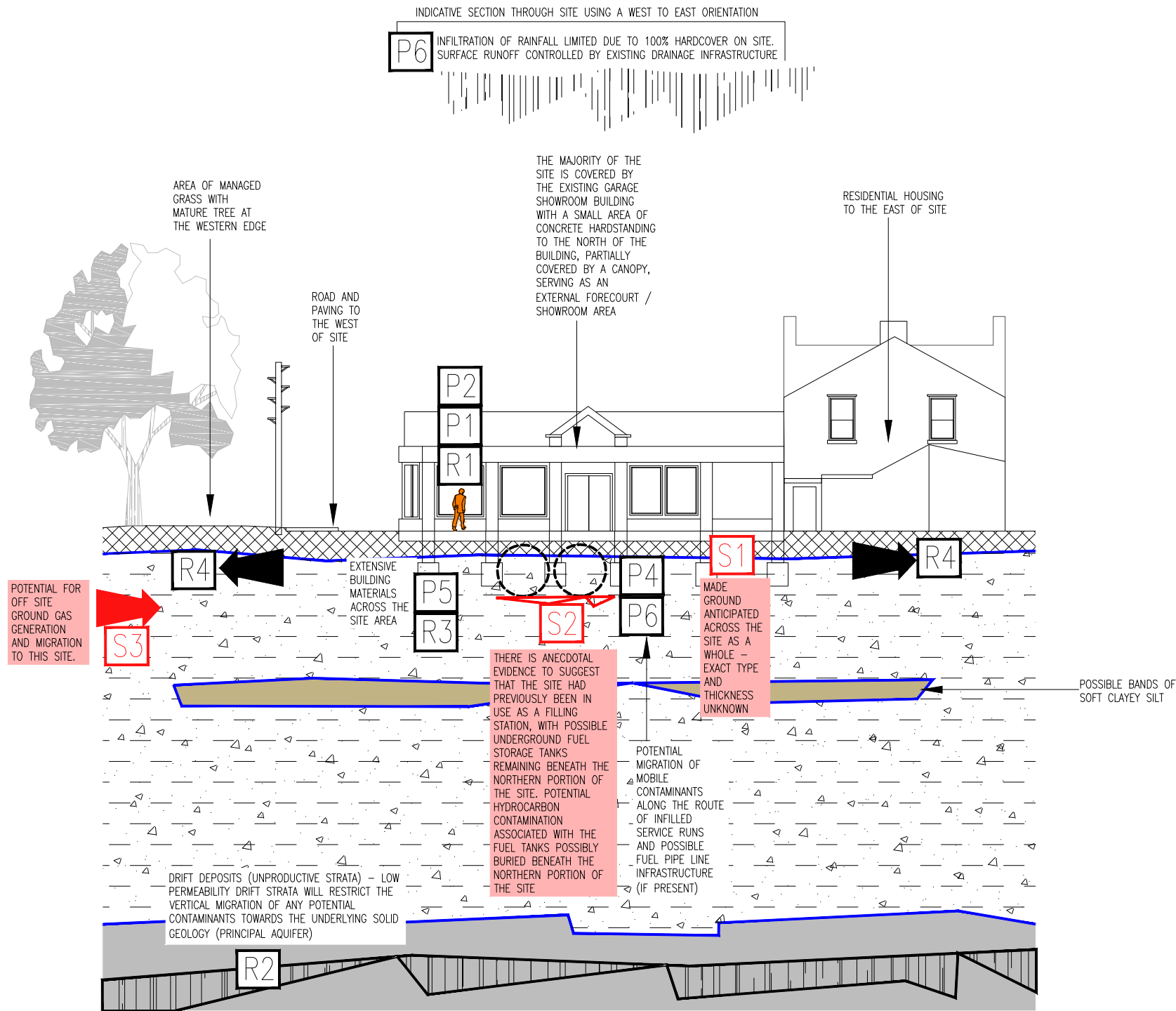


# **APPENDIX IV**

## **Conceptual Site Model (CSM)**



CRITICAL POLLUTANT LINKAGES					
SOURCE	1. POTENTIAL CONTAMINATION ASSOCIATED WITH MADE GROUND PRESENT ON SITE 2. POTENTIAL HYDROCARBON CONTAMINATION ASSOCIATED WITH THE FUEL TANKS POSSIBLY BURIED BENEATH THE NORTHERN PORTION OF THE SITE 3. POTENTIAL FOR OFF SITE GROUND GAS GENERATION AND MIGRATION TO THIS SITE.	PATHWAY	1. INGESTION AND DERMAL CONTACT 2. INHALATION OF INDOOR / OUTDOOR AIR 3. PLANT UPTAKE AND ATTACHED SOIL – <u>MIGRATION PATHWAY NOT PRESENT</u> 4. MIGRATION THROUGH EXISTING SERVICES 5. DIRECT CONTACT WITH BUILDING MATERIALS 6. SURFACE RUN OFF AND LEACHATE MIGRATION	RECEPTOR	1. HUMAN HEALTH (END USERS AND CONSTRUCTION WORKFORCE) 2. GROUNDWATER: THE SUPERFICIAL DEPOSITS ARE CLASSED AS UNPRODUCTIVE STRATA AND WILL PREVENT ANY SIGNIFICANT VERTICAL MIGRATION TO THE UNDERLYING PRINCIPAL AQUIFER. NOT CONSIDERED TO BE AT SIGNIFICANT RISK 3. BUILDING MATERIALS* 4. ADJACENT SITES 5. FLORA AND FAUNA* – <u>RECEPTOR NOT AVAILABLE</u>
<div>S</div>		<div>P</div>		<div>R</div>	



#### STRATA DETAILS

**MADE GROUND:**  
ACCORDING TO BGS MAPS THE SITE IS NOT RECORDED TO BE UNDERLAIN BY A SIGNIFICANT THICKNESS OF MADE GROUND DEPOSITS.

HOWEVER, IT IS FELT THAT SOME MADE GROUND DEPOSITS WILL BE PRESENT ACROSS THE SITE, ASSOCIATED WITH THE PREVIOUS AND CURRENT DEVELOPMENTS AND GENERAL HISTORICAL USE. THE MADE GROUND IS ANTICIPATED TO COMPRISE A MIXTURE OF DISTURBED NATURAL STRATA (CLAY, SILT, SAND, GRAVEL, ETC.) AND ANTHROPOGENIC DEBRIS (ASH, BRICKS, STONES, DEMOLITION RUBBLE, ETC.) AND MAY BE SIMILAR TO THE MADE GROUND MATERIALS IDENTIFIED TO DEPTHS OF C.0.60M TO C.2.10M BGL, IN THE NEAREST ARCHIVE BGS BOREHOLES (SE65SW271, SE65SW270 & SE65SW568) TO THE NORTH AND WEST OF THE SITE, ALONG THE ROUTE OF HAWTHORN GROVE

**DRIFT DEPOSITS:**  
BASED ON MAPS PRODUCED BY THE BGS, THE SITE IS RECORDED TO BE UNDERLAIN BY THE ALNE GLACIOLACUSTRINE FORMATION, WHICH TYPICALLY COMPRISES SILTY SANDY CLAYS WITH SOME GRAVEL AND THESE IN TURN OVERLIE THE VALE OF YORK FORMATION.  
BGS BOREHOLE LOGS SE65SW270 & SE65SW568 LOCATED TO THE NORTH AND WEST OF THE SITE IN A SIMILAR GEOLOGICAL SETTING GENERALLY INDICATE FIRM AND STIFF SILTY VERY SANDY GRAVELLY CLAYS TO DEPTHS OF C.6.50M TO C.7.50M BGL BEFORE A BAND OF SOFT CLAYEY SILT IS RECORDED IN BGS BOREHOLE SE65SW568, WITH A FIRM TO STIFF SILTY SANDY GRAVELLY CLAY NOTED AT THE BASE OF THE BOREHOLE, PROVEN TO A DEPTH OF C.8.00M. SIMILAR GROUND CONDITIONS ARE ANTICIPATED TO BE PRESENT BELOW THIS SITE

**SOLID GEOLOGY:**  
THE SOLID GEOLOGY UNDERLYING THE SITE IS RECORDED AS THE SHERWOOD SANDSTONE GROUP, WHICH COMPRISES RED, YELLOW AND BROWN, PART PEBBLY SANDSTONE WITH SUBORDINATE RED MUDSTONE AND SILTSTONE. ALTHOUGH THE SOLID GEOLOGY HAS NOT BEEN ENCOUNTERED WITHIN THE NEAREST AVAILABLE ARCHIVE BGS BOREHOLES, ROCKHEAD IS ANTICIPATED TO BE AT DEPTHS OF +20M BGL



#### ARC ENVIRONMENTAL LTD

Solum House  
Unit 1 Elliott Court  
St. John's Road  
Meadowfield  
Durham, DH7 8PN  
Tel: (0191) 378 6380  
Fax: (0191) 378 0494  
e-mail: admin@arc-environmental.com  
web: www.arc-environmental.com

The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.  
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rev.	date	amendments	drawn	chkd

Client:  
**RHW DEVELOPMENTS LTD.**

Project Title:  
12-14 Hawthorn Grove  
Heworth  
York, YO31 7XZ

Drawing Title:  
Conceptual Site Model

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	09.08.18	P.D	L.J

Job Ref:	Drg no:	Rev:
18-556	—	—