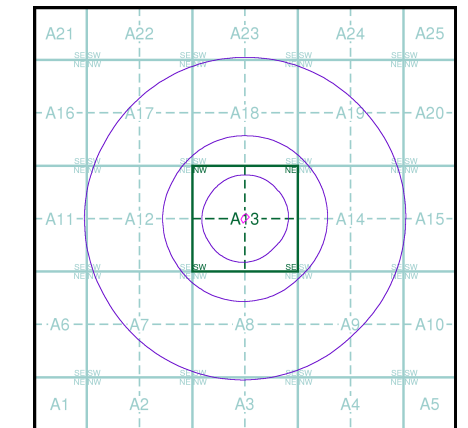


- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or Notice
  - Discharge Consent
  - Enforcement or Prohibition Notice
  - Integrated Pollution Control
  - Integrated Pollution Prevention Control
  - Local Authority Integrated Pollution Prevention and Control
  - Local Authority Pollution Prevention and Control
  - 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
- 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)
  - 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 - Slice A**

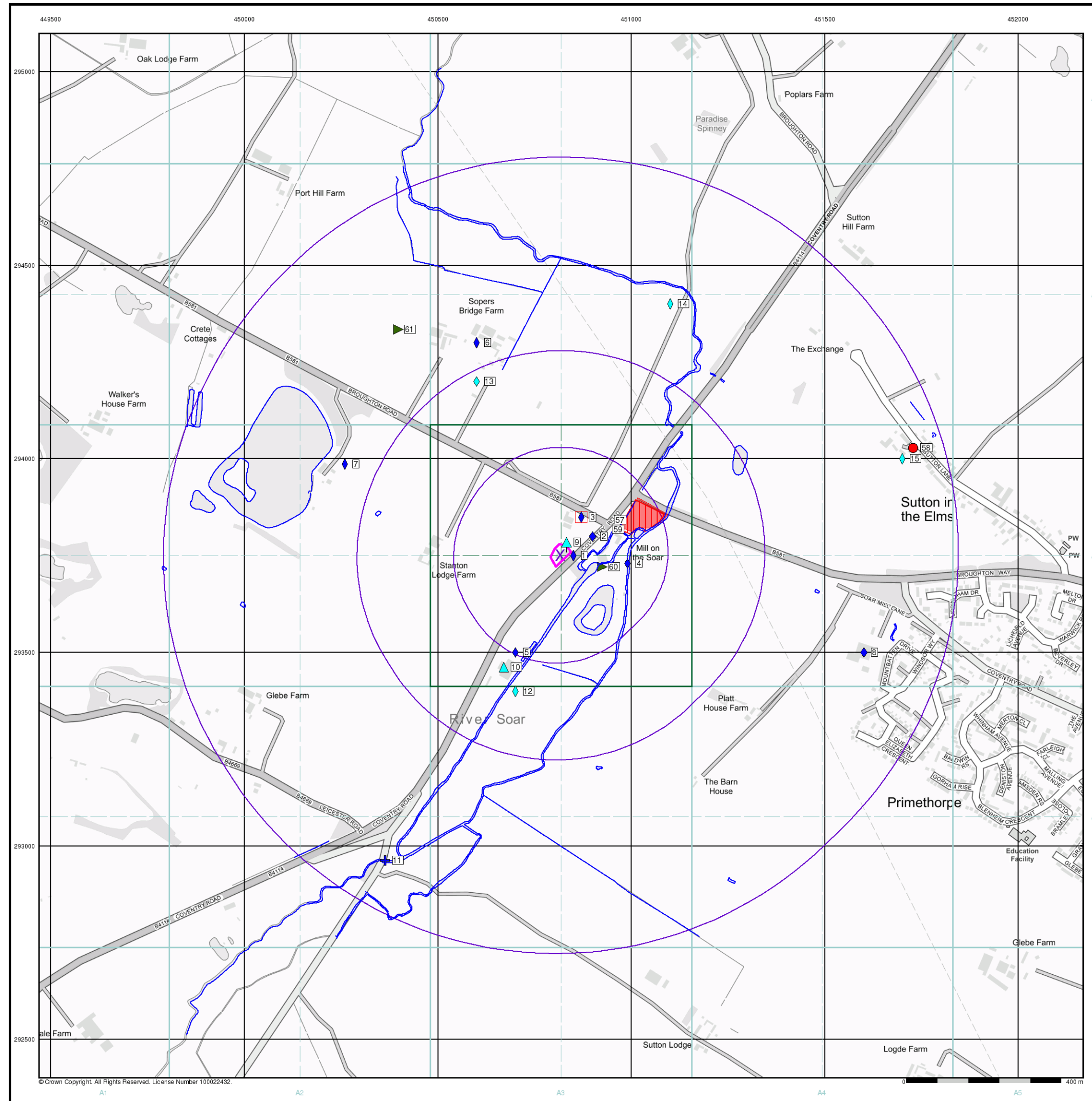


**Order Details**

Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**






Site at 450820, 293750









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### Industrial Land Use Map

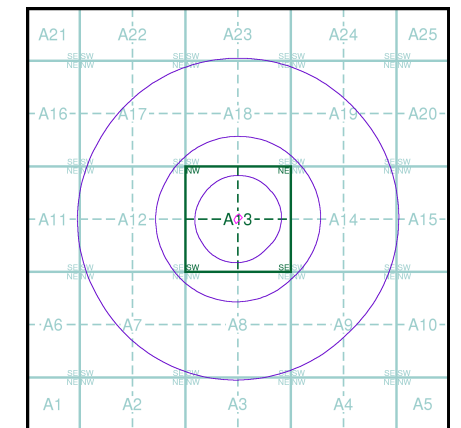
#### General

-  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

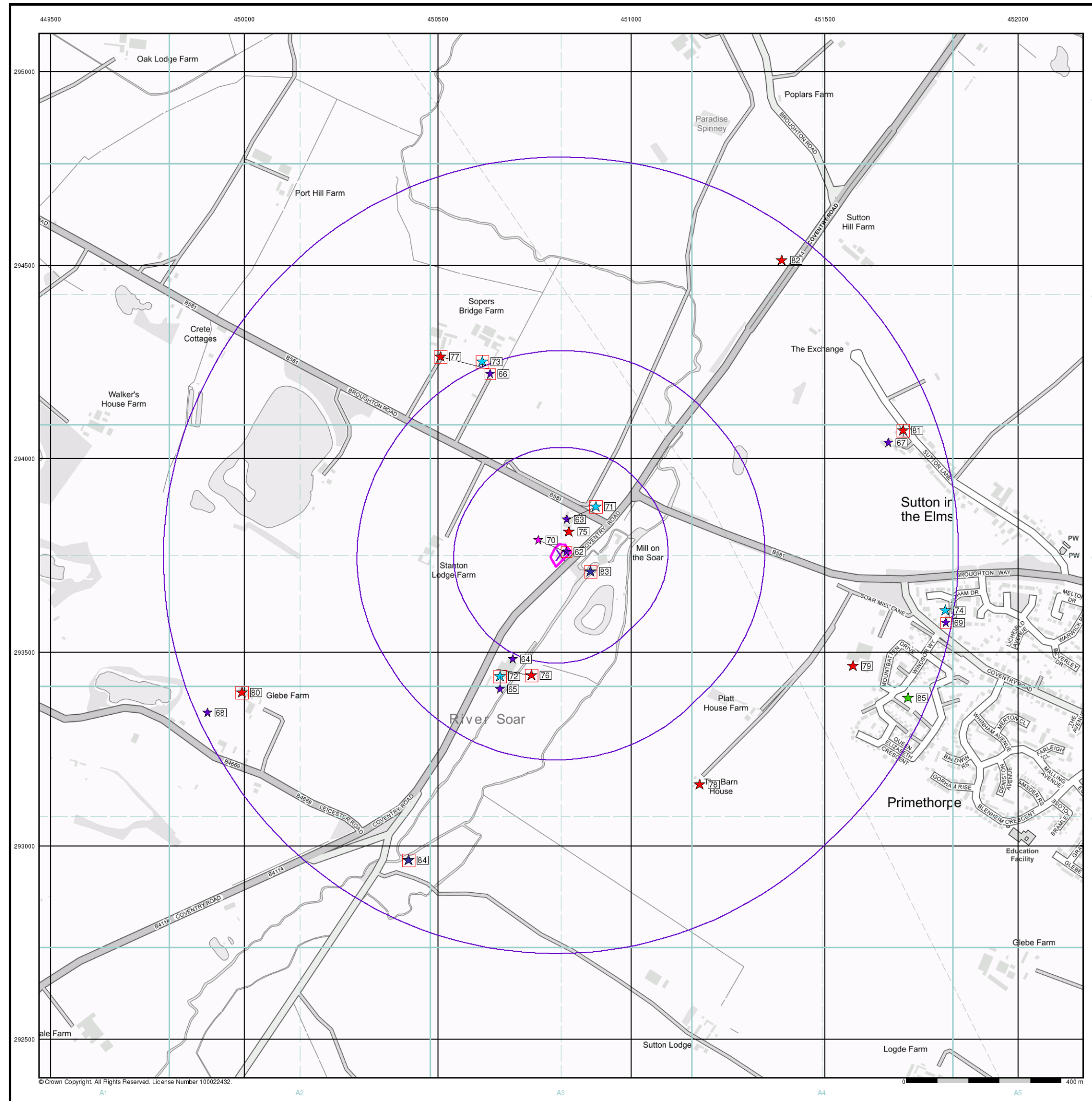


#### Order Details

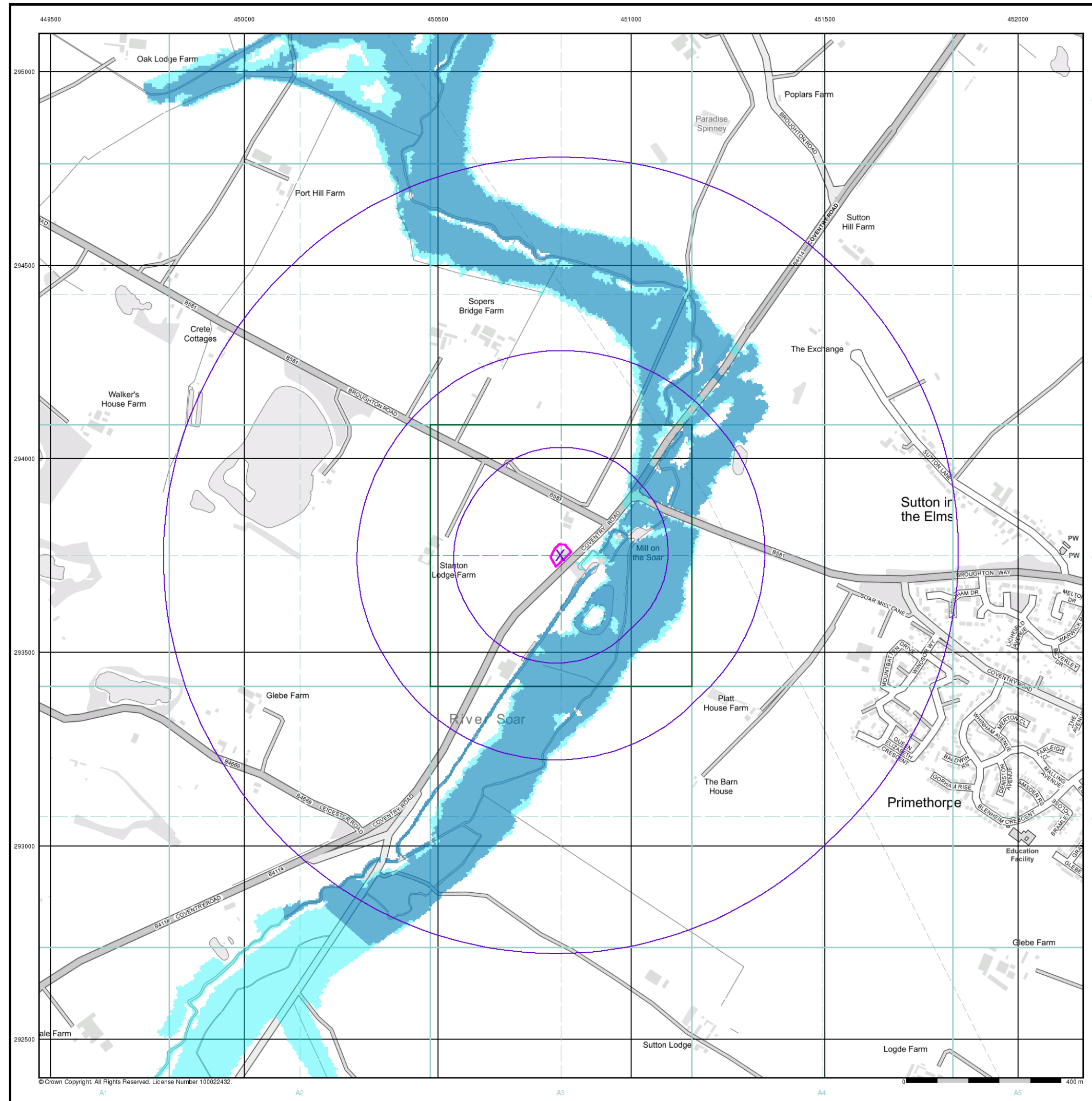
Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

#### Site Details

Site at 450820, 293750

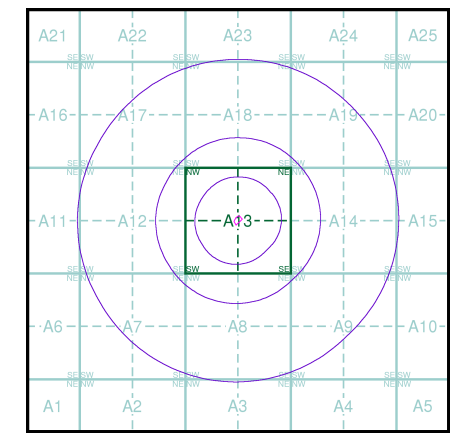


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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
- Agency and Hydrological (Flood)**
- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
  - Flooding from Rivers or Sea without Defences (Zone 3)
  - Area Benefiting from Flood Defence
  - Flood Water Storage Areas
  - Flood Defence

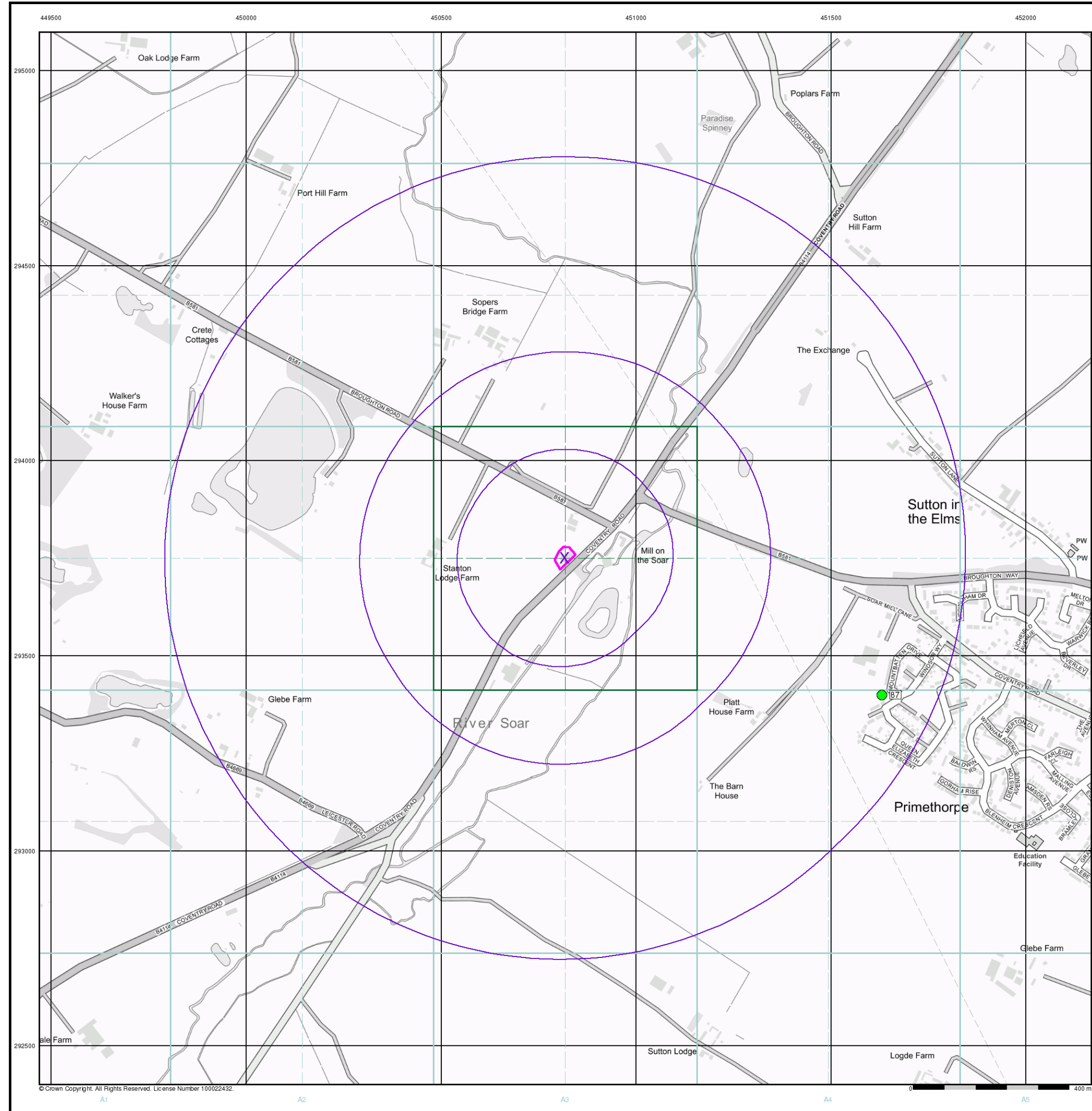
**Flood Map - Slice A**



**Order Details**

Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**  
 Site at 450820, 293750



**General**

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

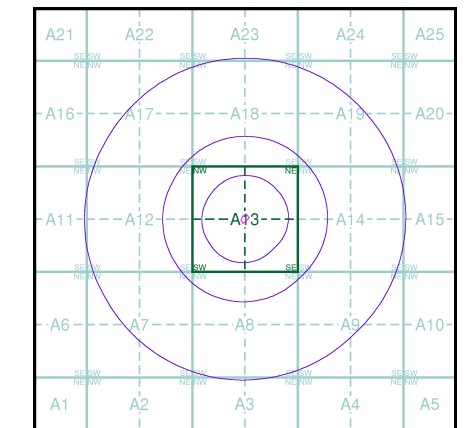
**Agency and Hydrological (Boreholes)**

- 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: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**

Site at 450820, 293750

**General**

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

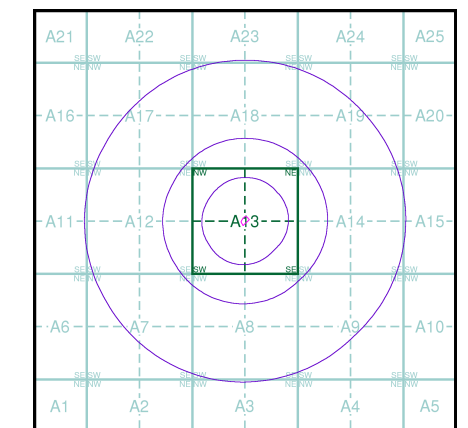
**OS Water Network Data**

- |  |              |  |                         |
|--|--------------|--|-------------------------|
|  | Canal        |  | Drain                   |
|  | Reservoir    |  | Other                   |
|  | Foreshore    |  | Lake                    |
|  | Marsh        |  | Transfer                |
|  | Tidal River  |  | Lock Or Flight Of Locks |
|  | Inland River |  | Sea                     |

**Contours (height in meters)**

- Standard Contour 105
- Master Contour 100
- Spot Height 167.3
- Mean Low Water
- Mean High Water

**OS Water Network Map - Slice A**

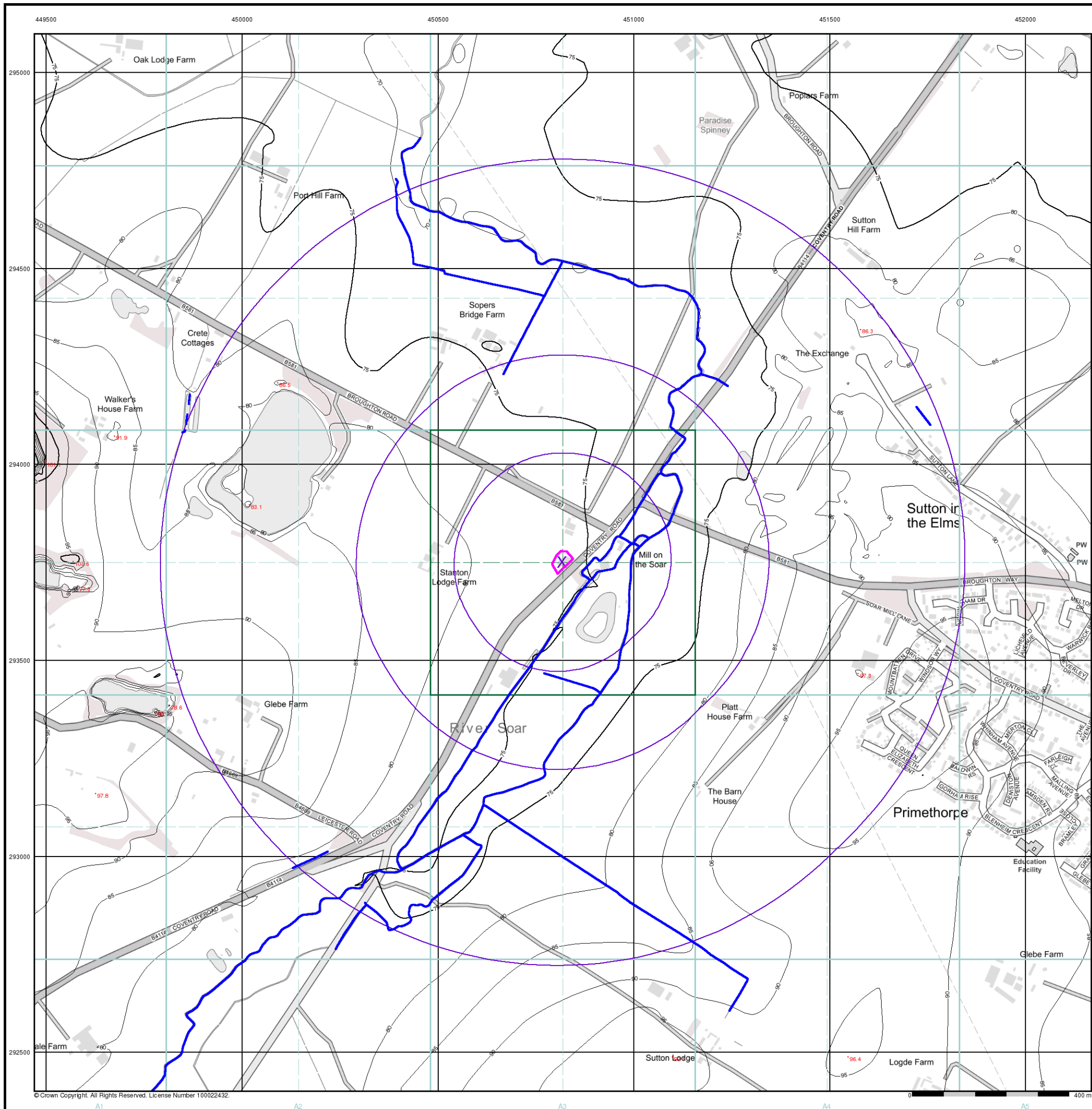


**Order Details**

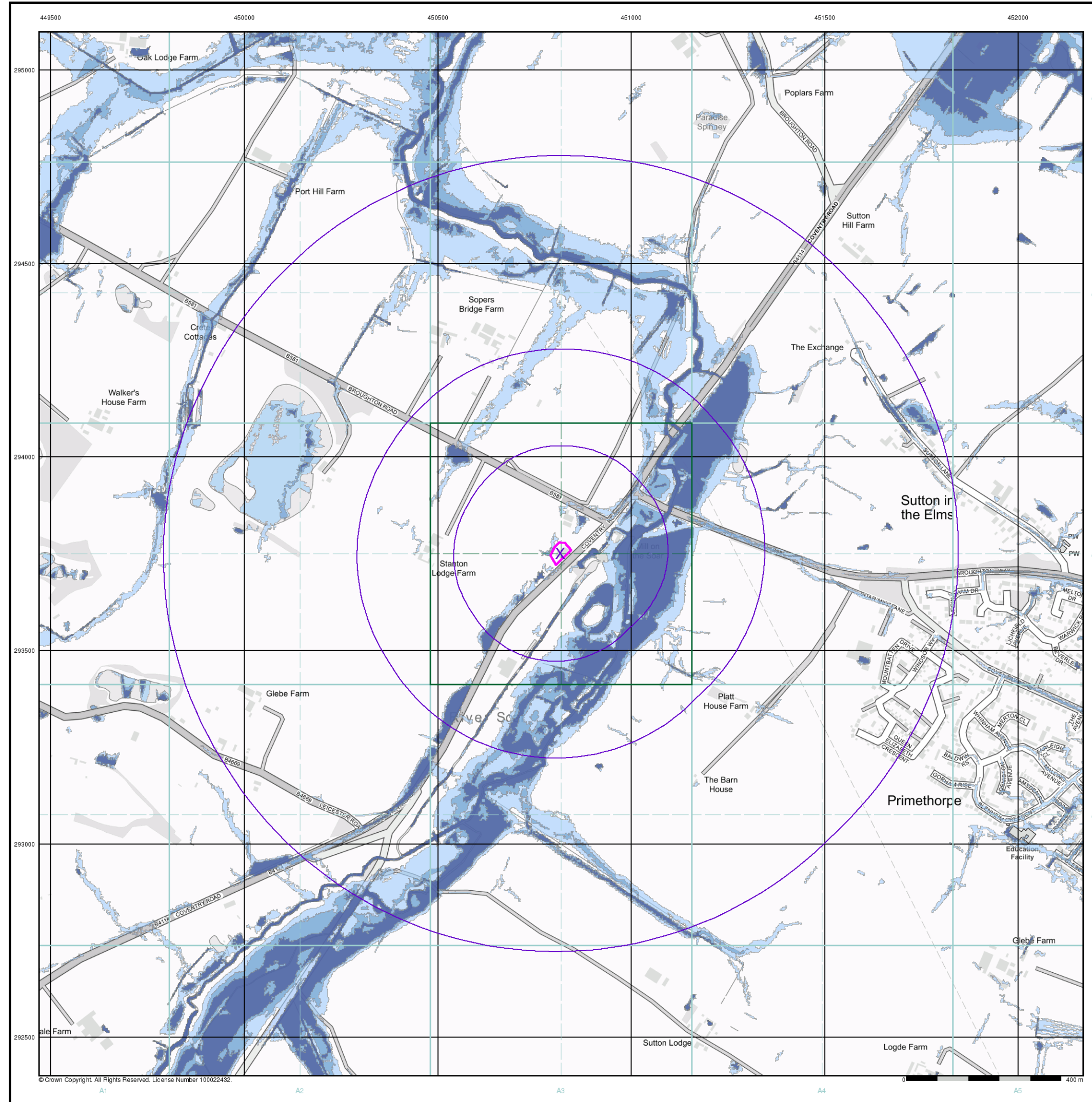
Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**

Site at 450820, 293750



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**General**

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

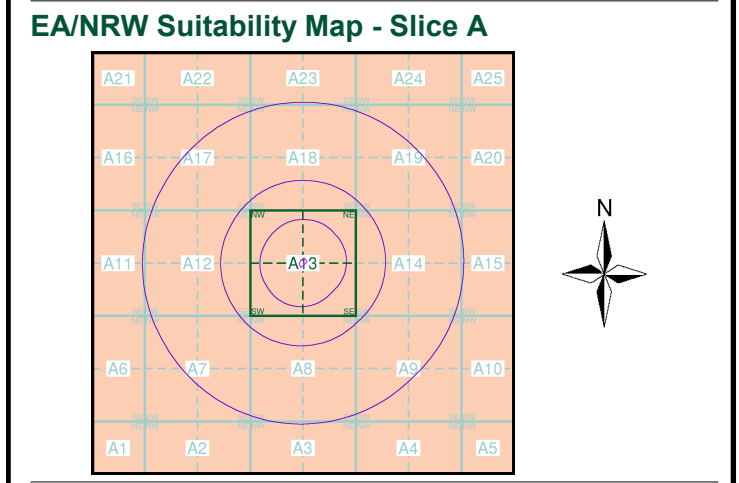
**Risk of Flooding from Surface Water**

- 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

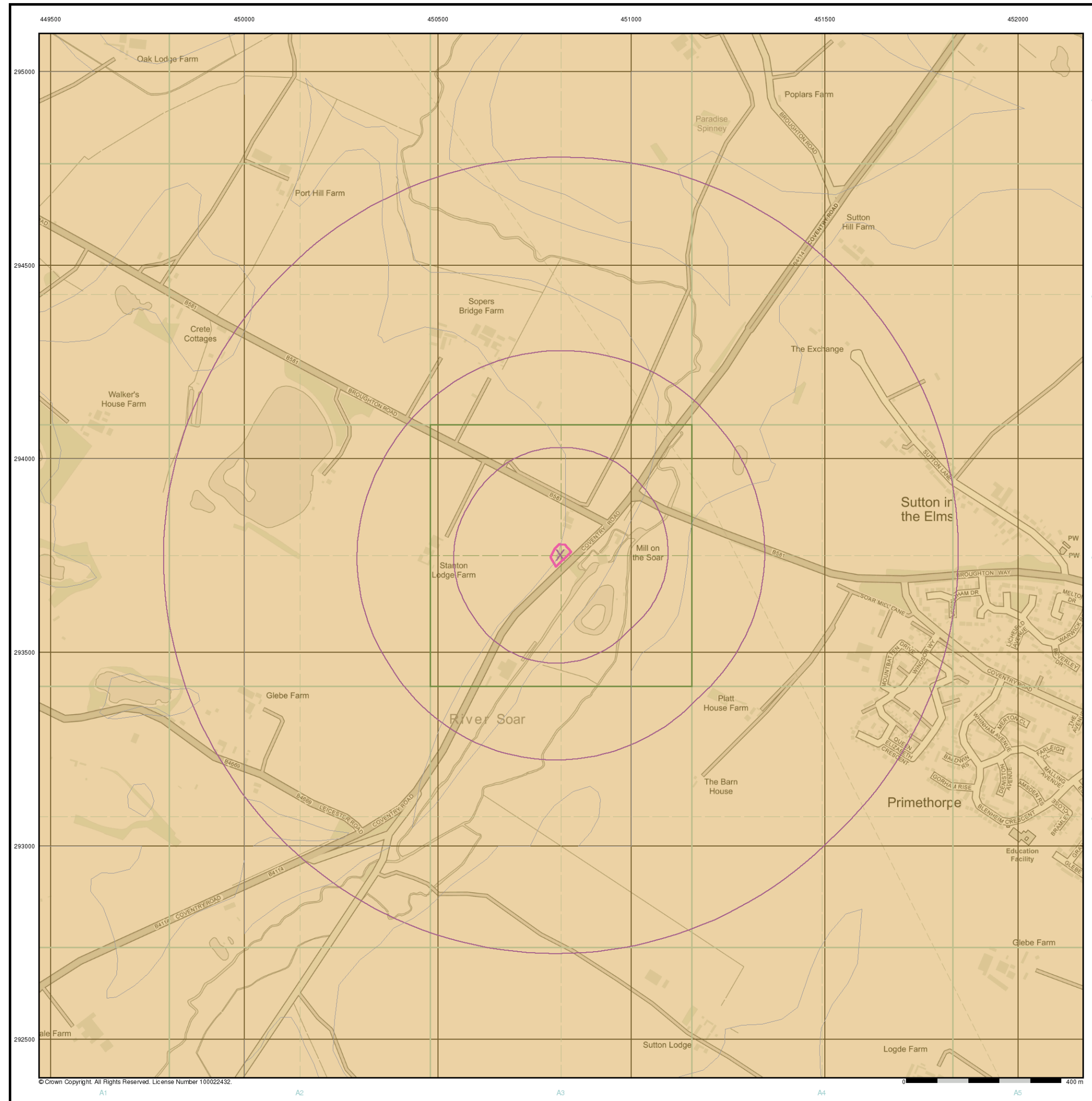


**Order Details**

Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**

Site at 450820, 293750

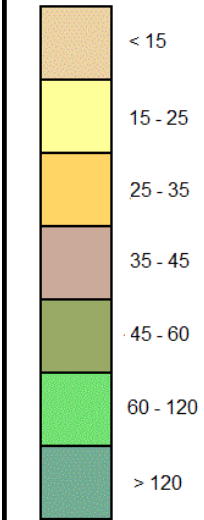


**General**

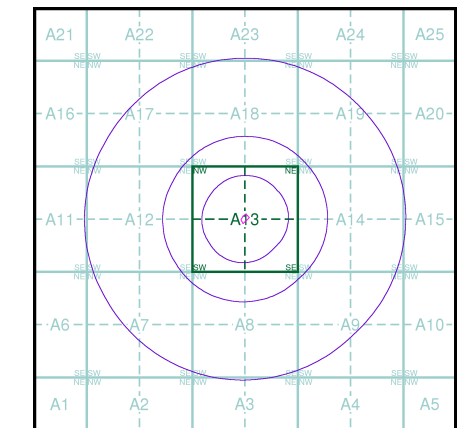
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

**Estimated Soil Chemistry Arsenic**

Arsenic Concentrations mg/kg



**Estimated Soil Chemistry Arsenic - Slice A**



**Order Details**

Order Details: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

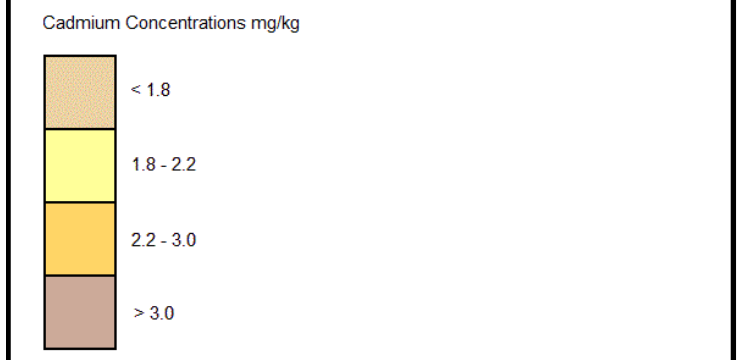
**Site Details**

Site at 450820, 293750

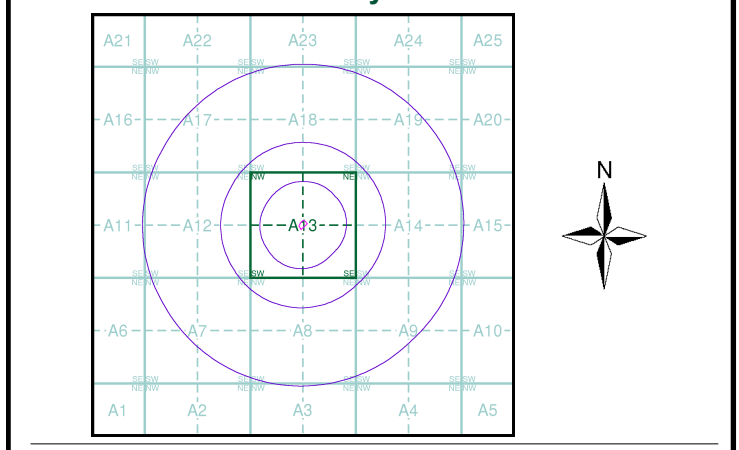


**General**  
 Specified Site Specified Buffer(s) Bearing Reference Point

**Estimated Soil Chemistry Cadmium**



**Estimated Soil Chemistry Cadmium - Slice A**



**Order Details**  
 Order Details: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**  
 Site at 450820, 293750

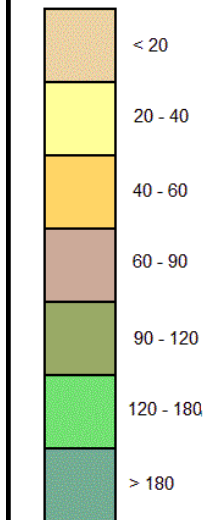


**General**

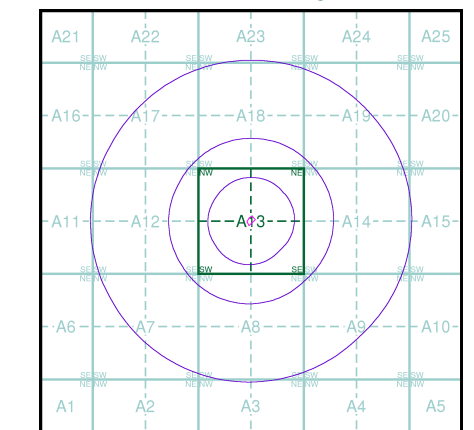
- ✕ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

**Estimated Soil Chemistry Chromium**

Chromium Concentrations mg/kg



**Estimated Soil Chemistry Chromium - Slice A**

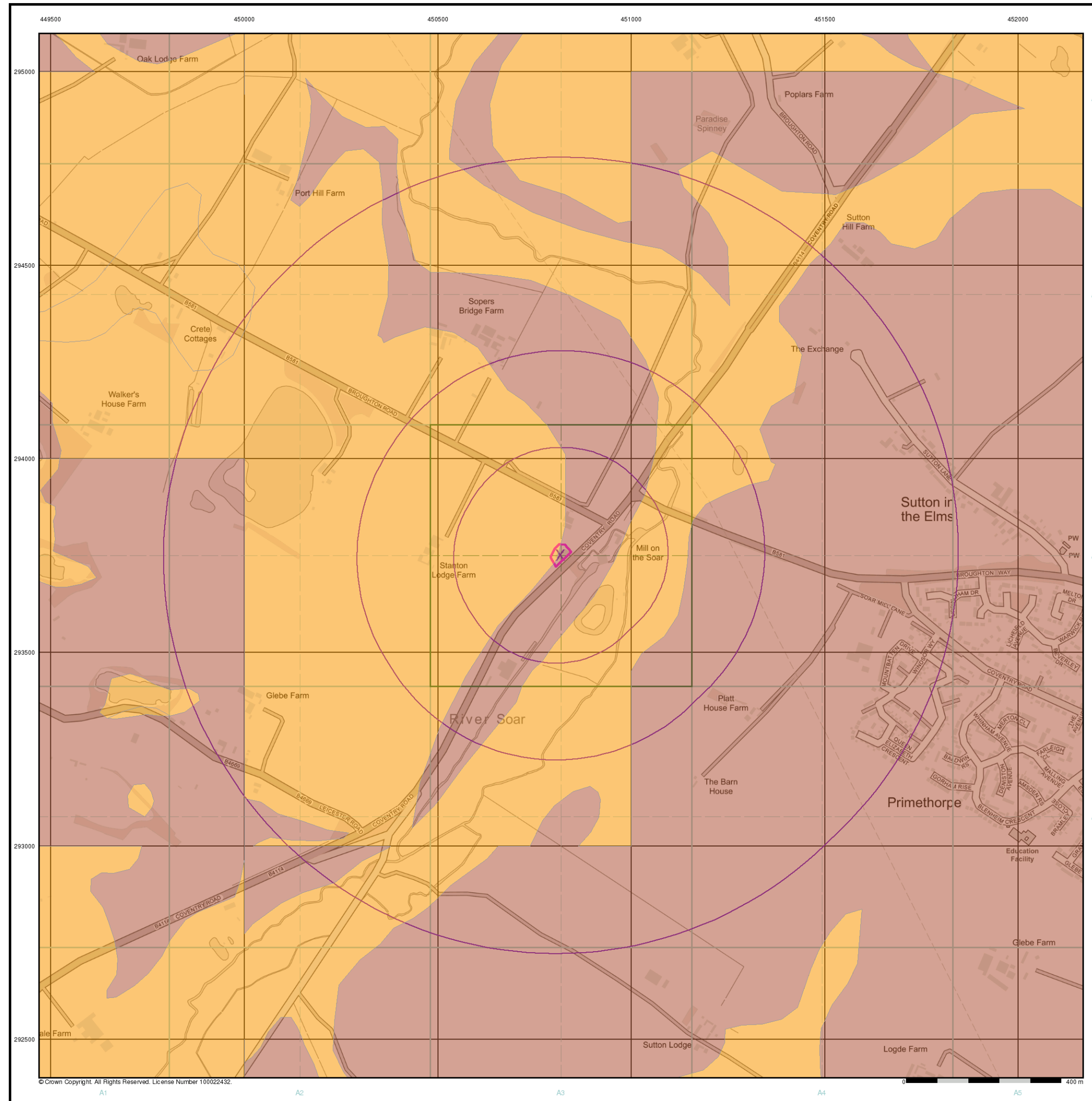


**Order Details**

Order Details: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**

Site at 450820, 293750



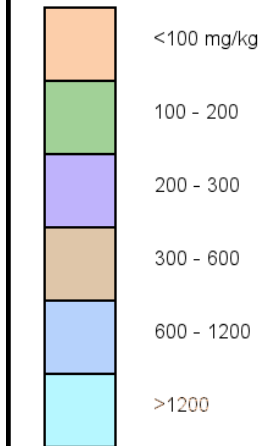
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**General**

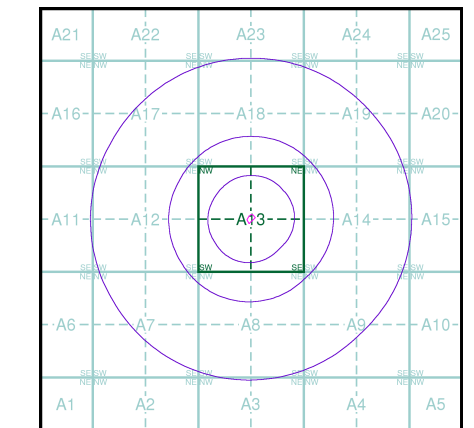
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

**Estimated Soil Chemistry Lead**

Lead Concentrations mg/kg



**Estimated Soil Chemistry Lead - Slice A**

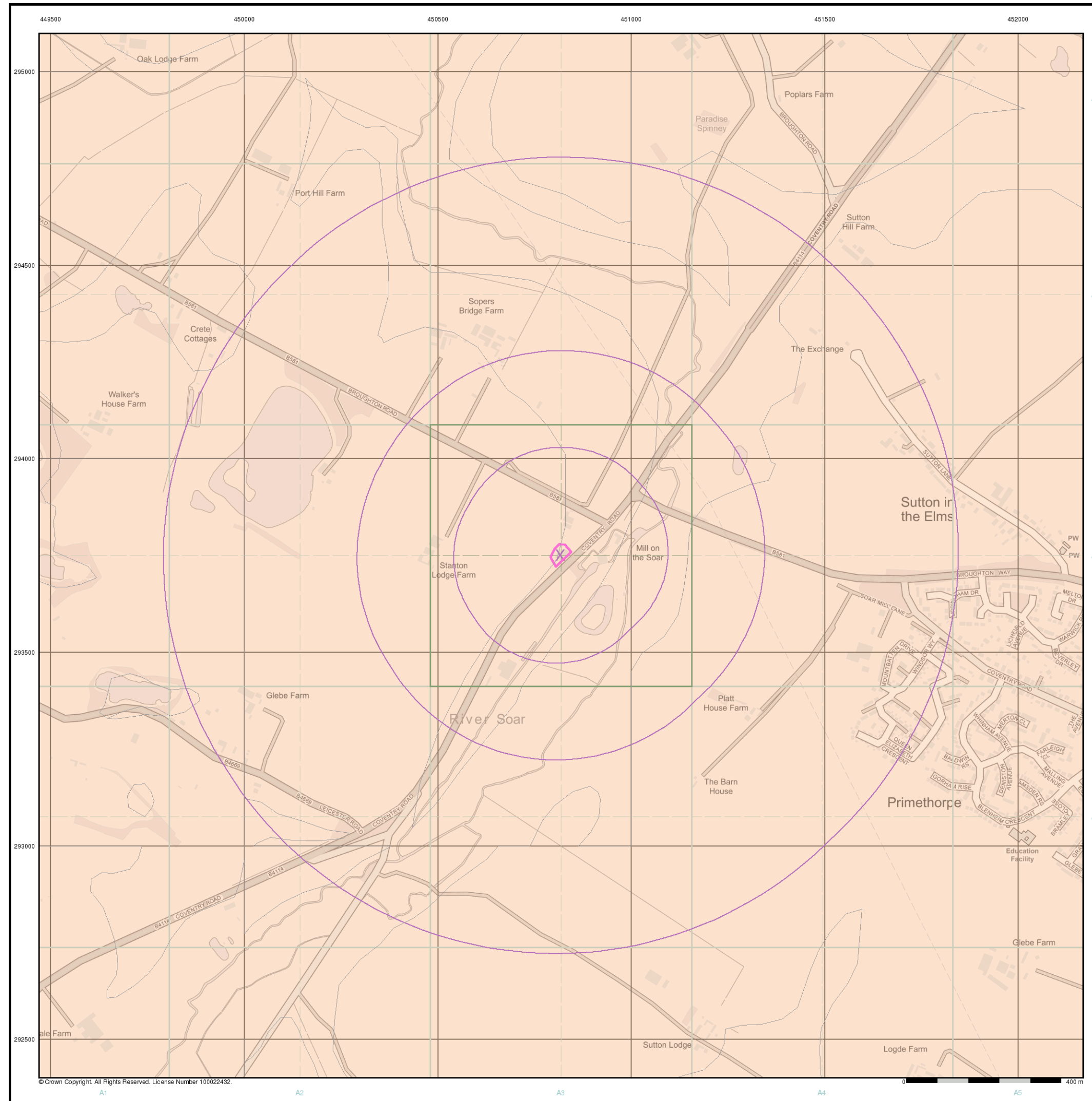


**Order Details**

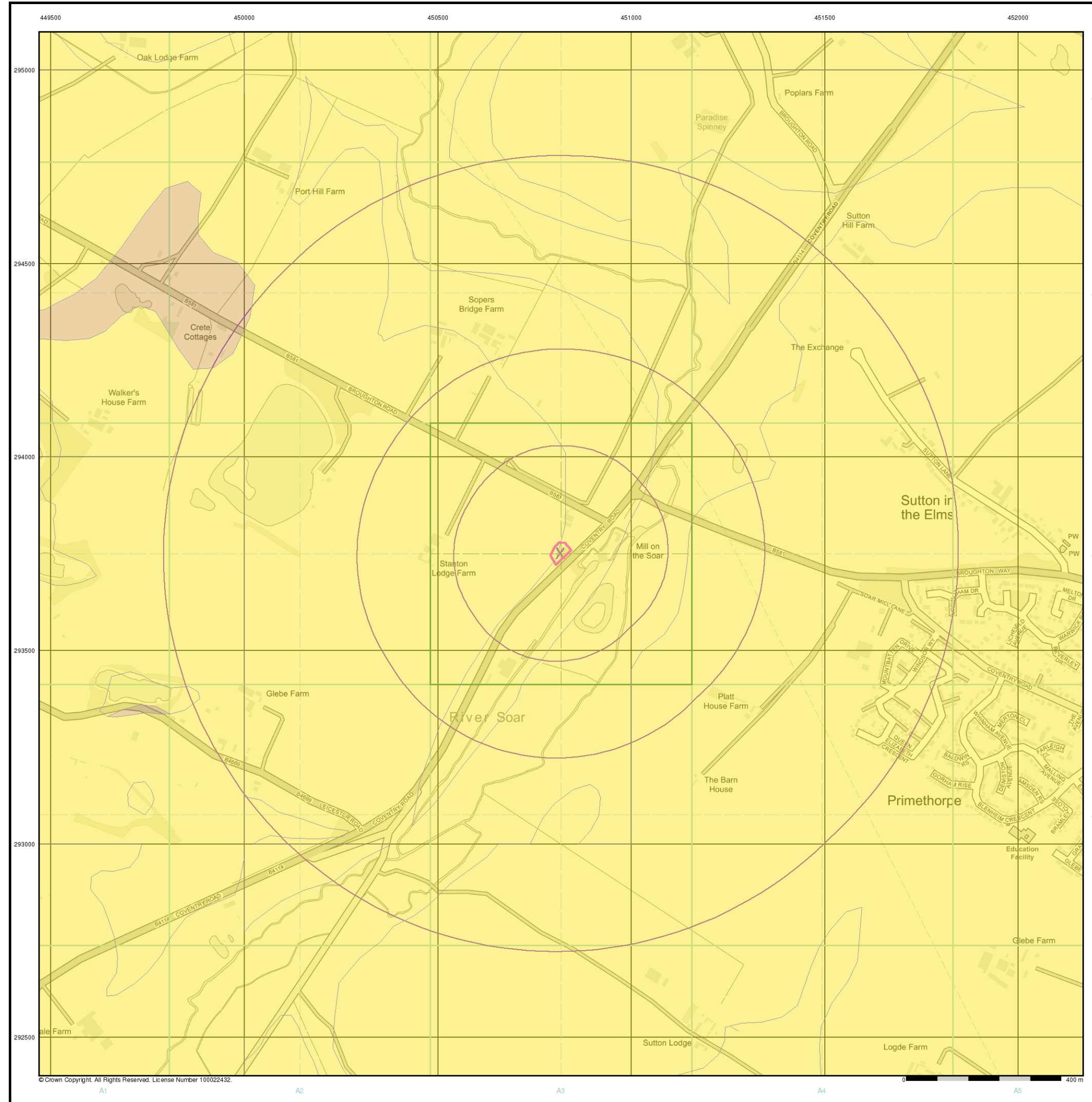
Order Details: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**

Site at 450820, 293750

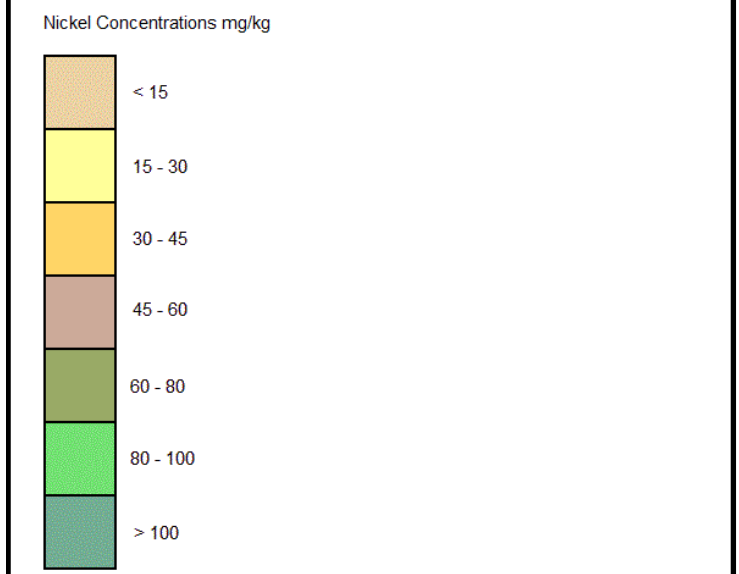


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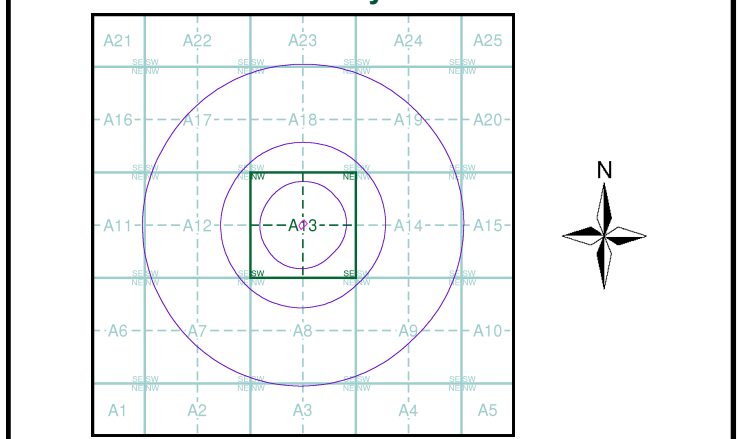


**General**  
 Specified Site Specified Buffer(s) Bearing Reference Point

**Estimated Soil Chemistry Nickel**



**Estimated Soil Chemistry Nickel - Slice A**



**Order Details**  
 Order Details: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Slice: A  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

**Site Details**  
 Site at 450820, 293750

### Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

#### Slice

Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

#### Segment

A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

#### Quadrant

A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

### Client Details

Mr A Dyas, Arcadis LLP, Charter House, 62-68 Hills Road, Cambridge, CB2 1LA

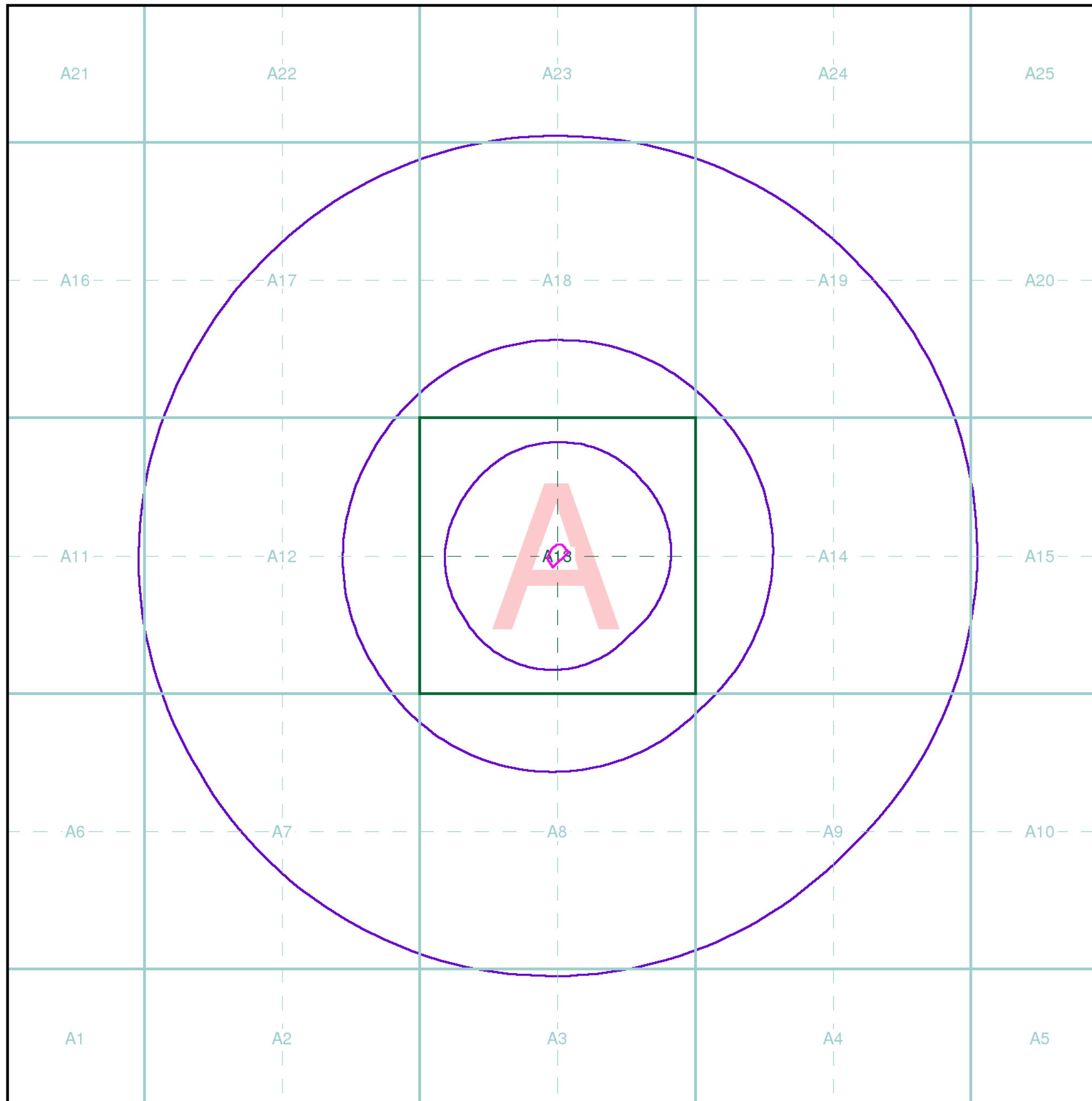
### Order Details

Order Number: 296131742\_1\_1  
 Customer Ref: 14063685  
 National Grid Reference: 450820, 293750  
 Site Area (Ha): 0.17  
 Search Buffer (m): 1000

### Site Details

Site at 450820, 293750

Full Terms and Conditions can be found on the following link:  
<http://www.landmarkinfo.co.uk/Terms/Show/515>



## **APPENDIX E**

### **Local Authority Correspondence (Private Groundwater Abstractions)**

**From:** [Rajput, Ranbeer](#)  
**To:** [Kadukar, Sameer](#); [Belagodu, Shanth](#)  
**Subject:** Sutton Elms - Private Abstraction Response  
**Date:** 20 July 2022 13:18:26

---

---

**From:** Freedom of Information Mailbox <[FreedomofInformationMailbox@blaby.gov.uk](mailto:FreedomofInformationMailbox@blaby.gov.uk)>  
**Sent:** Monday 18 July 2022 16:51  
**To:** Rajput, Ranbeer <[ranbeer.rajput@arcadis.com](mailto:ranbeer.rajput@arcadis.com)>  
**Subject:** Response FOI Request 22-645

You don't often get email from [freedomofinformationmailbox@blaby.gov.uk](mailto:freedomofinformationmailbox@blaby.gov.uk). [Learn why this is important](#)

---

**From:** Freedom of Information Mailbox  
**Sent:** 18 July 2022 12:20  
**To:** Customer Services Mailbox <[customer.services@blaby.gov.uk](mailto:customer.services@blaby.gov.uk)>  
**Subject:** Response FOI Request 22-645

Dear Ranbeer Rajput,

**Freedom of Information Request – FOI-22-645**

Please find enclosed a response to your request for information, which was received on 22/06/2022, and has been dealt with under the Freedom of Information Act 200 ("the Act").

I can confirm that Blaby District Council has no registered private water supplies in the area for which we are responsible within a 1,000m radius of the Shell Sutton Elms location.

It must be noted that we cannot comment on the area approximately to the east of the B4114 as this is not within the local authority area of Blaby District (it is within Harborough District)

The information provided in response to Freedom of Information requests is subject to copyright protection. Where the copyright is owned by Blaby District Council, re-use is permitted in accordance with the terms of the Open Government Licence. However, we do ask that you attribute the information to Blaby District Council when re-using it.

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Should you be unhappy with the way your request has been handled you can ask for an internal review by emailing: [freedom.information@blaby.gov.uk](mailto:freedom.information@blaby.gov.uk). The Legal and Information Governance Officer will then arrange a review of your case.

If you are not happy with the outcome of the internal review, you have the right to apply directly to the Information Commissioner for a decision. For more information, please visit: [www.ico.org.uk](http://www.ico.org.uk).

If you have any further queries, please email [freedom.information@blaby.gov.uk](mailto:freedom.information@blaby.gov.uk) quoting the above reference number.

Yours sincerely

**Information Governance Team, Blaby District Council**

To find out about how we use the personal information you have supplied us please review our privacy notice on our [website](#).

**From:** Blaby online forms <[customer.services@blaby.gov.uk](mailto:customer.services@blaby.gov.uk)>

**Sent:** 22 June 2022 05:50

**To:** Freedom of Information Mailbox <[FreedomofInformationMailbox@blaby.gov.uk](mailto:FreedomofInformationMailbox@blaby.gov.uk)>

**Subject:** Freedom of Information request form submitted

An instance of 'Freedom of Information request form' has been submitted.

Reference Number: FOI431375335.

Form summary:

**Name:**

Title	First name	Surname
Mr.	Ranbeer	Rajput

**Name of organisation/company:** Arcadis (UK) Ltd

**Address:**

House flat	House name or number	Street name	Town / Village	County	Postcode	fullAddress
	Charter House	62-68 Hills Road	Cambridge		CB2 1LA	Charter House 62-68 Hills Road, Cambridge, CB2 1LA

**Contact:**

Home Telephone	Mobile Number	Email
		<a href="mailto:ranbeer.rajput@arcadis.com">ranbeer.rajput@arcadis.com</a>

**Optional telephone number:**

**Preferred method of contact:** Email

**Information required:** Dear Sir / Madam

I would like to request any information held by Blaby District Council relating to water abstractions (groundwater or surface water) within 1km of the following site:

Shell Sutton Elms, Coventry Road, Broughton, Leicestershire, LE9 6QD, United Kingdom (Grid reference 450790 (E), 293720 (N))

We understand that the Environment Agency maintain records for licensed water abstractions (typically over 20m3 per day) but for smaller water abstractions, licenses are not required by the EA, but the Local Authority are responsible for maintaining a register of such private water supplies (e.g. farmhouse boreholes, private wells, springs etc.).

Please include all details held for any abstractions, including but not limited to:

- Type of abstraction (groundwater/surface water):
- Water Abstraction rates (volumetric):
- Surface water body / groundwater unit abstracted from:
- Logs from abstraction boreholes:
- Location of abstraction point (e.g. grid reference):
- Use of abstracted water:
- Any other abstraction details:
- Details of any water quality data held for these abstractions:

If you require any further information, please don't hesitate to contact me

**Which format do you require the information?:** Electronic format (by email)

**DPA:**

**Service Address:**

This email and any files transmitted with it are confidential and intended solely for the use of the individual or entity to whom they are addressed.

If you have received this email in error please notify the originator of the message. This footer also confirms that this email message has been scanned for the presence of computer viruses.

Any views expressed in this message are those of the individual sender, except where the sender specifies and with authority, states them to be the views of Blaby District Council.

Scanning of this message and addition of this footer is performed by Sophos Email Security software in conjunction with virus detection software.

Blaby District Council, 0116 275 0555, [www.blaby.gov.uk](http://www.blaby.gov.uk)

\*\*\*\*\*



## **APPENDIX F**

### **Zetica UXO Regional Risk Map**

# UNEXPLODED BOMB RISK MAP



## SITE LOCATION

Map Centre: 450806,293758



## LEGEND

- High:** Areas indicated as having a bombing density of 50 bombs per 1000acre or higher.
- Moderate:** Areas indicated as having a bombing density of 15 to 49 bombs per 1000acre.
- Low:** Areas indicated as having 15 bombs per 1000acre or less.

- military
- industry
- UXO find
- transport
- dock
- Luftwaffe targets
- utilities
- Bombing decoy
- other

### How to use your Unexploded Bomb (UXB) risk map?

The map indicates the potential for Unexploded Bombs (UXB) to be present as a result of World War Two (WWII) bombing.

You can incorporate the map into your preliminary risk assessment\* for potential Unexploded Ordnance (UXO) for a site. Using this map, you can make an informed decision as to whether more in-depth detailed risk assessment\* is necessary.

### What do I do if my site is in a moderate or high risk area?

Generally, we recommend that a detailed UXO desk study and risk assessment is undertaken for sites in a moderate or high UXB risk area.

Similarly, if your site is near to a designated Luftwaffe target or bombing decoy then additional detailed research is recommended.

More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

**Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.**

### If my site is in a low risk area, do I need to do anything?

If both the map and other research confirms that there is a low potential for UXO to be present on your site then, subject to your own comfort and risk tolerance, works can proceed with no special precautions.

A low risk really means that there is no greater probability of encountering UXO than anywhere else in the UK.

If you are unsure whether other sources of UXO may be present, you can ask for one of our **pre-desk study assessments (PDSA)**

### If I have any questions, who do I contact?

tel: **+44 (0) 1993 886682**

email: **uxo@zetica.com**

web: **www.zeticauxo.com**

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (<https://zeticauxo.com/downloads-and-resources/risk-maps/>)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

\*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.

## **APPENDIX G**

### **Petroleum Officer Report**

Petroleum (Consolidation) Regulations 2014  
**Petroleum Storage Certificate**  
**000884**

This certificate has been issued by:  
**Leicestershire County Council Trading Standards Service**

being the PEA for the premise known as:

**Shell Sutton Elms**

located at:

**Coventry Road, Broughton Astley, Leicestershire LE9 6QD**

This certificate grants the registered 'Keeper' to store  
a maximum of **111550 litres** subject to the conditions below.

The storage arrangements below have been registered with the PEA named above.


General site layout	13 March 2018
Fuel and vapour containment system, including storage tanks (see tank details below), pipework and dispensers	30 July 2022
Spillage containment / drainage systems	30 July 2022

A record of tanks registered to store petrol on site (tanks may be used to store other vehicle fuels)

Tank	Compartment	Maximum working capacity	Fuel currently stored
5		33950	V Power Unleaded
6		77600	Unleaded

The PSC Fee for Shell Sutton Elms is due on 31<sup>st</sup> March 2021.

Signed on behalf of, and duly authorised by the PEA, Leicestershire Trading Standards Service:

  
.....  
.....

Date: 13<sup>th</sup> March 2018

## **Prescribed Material Changes to Storage Arrangements**

Regulation 8 of the Petroleum (Consolidation) Regulations 2014 states that a prescribed material change to the storage arrangements contained in this storage certificate must be notified to the PEA named on this certificate, at least 28 days before any work commences. Schedule 1 of the regulations lists prescribed material changes as:

- The cessation of use of one or more of the petrol storage tanks.
- The removal or permanent decommissioning of one or more of the petrol storage tanks.
- The installation of any tank, pipeline or vapour pipeline associated with the storage and dispensing of petrol.
- The installation of any petrol pump, any other automotive pump, or dispenser in a new location.

## **Period of Certification**

Please see overleaf for your PSC Fee due date.

This certificate does not need to be renewed.

- A new certificate will be required following a prescribed material change, as detailed in Schedule 1 of the Petroleum (Consolidation) Regulations 2014.
- This certificate will no longer be valid if the premises cease to be used for the keeping of petrol for a continuous period exceeding 12 months.

(In practice, this means where petrol is not being kept for the purpose of dispensing and therefore the site is not operating as dispensing premises. In these circumstances, the site should be made temporarily safe or control measures identified and implemented to maintain the site in a safe condition.

## Petroleum Officer Site Questionnaire

Shell Sutton Elms, Coventry Road, Broughton, Leicester, Leicestershire, LE9 6QD

### 1. Tanks

Please give the details of all known Underground Storage Tanks (USTs) in the tables below:

Tank No.	Contents (Fuel Type)	Capacity (Litres)	Date Tank Installed	Tank Construction (Single wall or double wall) [Steel or GRP]
1	Diesel	19400	2004	Double wall steel
2	Diesel	58200	2004	Double wall steel
3	V-power diesel	19400	2004	Double wall steel
4	Diesel	24250	2004	Double wall steel
5	V-power unleaded	33950	2004	Double wall steel
6	Unleaded	77600	2004	Double wall steel

Table 1 Underground Storage Tanks (USTs)

Please give details of any UST secondary linings: None

Tank No. with lining	Date of Lining	Type of Secondary Lining (Single wall lining or double wall lining)

Table 2 USTs Secondary Lining

Please give the details of all known Above-ground Storage Tanks (ASTs) in the tables below:  
None

Tank No.	Contents (Fuel Type)	Capacity (Litres /Gallons)	Date Tank Installed	Tank Construction (Single wall in an external bund or integrally bundled) [Steel or GRP]


Table 3 Above Ground Storage Tanks (ASTs)

**2. Tank Testing**

When were the tanks last tested? \_\_\_ No info held \_\_\_\_\_

Did they pass? \_\_\_\_\_

Please give details in the space provided below:

**3. Disused Tanks**

If any tanks present are no longer in use, please advise when were they taken out of use and how were they decommissioned (e.g., water, foam, cement- slurry fill etc.)?

All previous tanks (USTs) were removed from site in 2004.

**4. Liquified Petroleum Gas (LPG)**

Has LPG ever been present on site? No.

- How was it stored? (UST or AST) \_\_\_\_\_
- The date tanks installed \_\_\_\_\_
- Have the tanks been removed or decommissioned in situ?  
\_\_\_\_\_
- How were the tanks decommissioned (e.g., water, foam, cement- slurry etc.)?  
\_\_\_\_\_

Please give details in the space provided below:

**5. Vapour Recovery**

A) Has a stage 1B Vapour Recovery System been installed?  YES |  NO

B) If yes, please give any details, including the Local Authority responsible, in the space below:

Stage 1B VR licensed by Blaby District Council, Council Offices, Desford Road, Narborough, Leicestershire, LE19 2EP.  
www.blaby.gov.uk

**6. Fuel Distribution Pipework.**

Please confirm:

- the pipework type (steel or plastic) Believed plastic, but no info held \_\_\_\_\_
- pipework construction (single wall or double wall) No info held \_\_\_\_\_
- date pipework installed 2004 \_\_\_\_\_

When was the pipework last tested? No info held \_\_\_\_\_

Did they pass? \_\_\_\_\_

Please give details in the space provided below:

**7. Petroleum Certificate**

Please give details regarding the Petroleum Certificate: i.e., dates, volumes, and any other relevant information. Please attach a copy if available.



PSC copy included. Note: PSC fees due from 01/04/2021 – being pursued.

**8. Incidents, Spillages and Site History**

Have there been any reported incidents and/or spillages on site? No. If yes, please provide details below (date, volume, fuel type etc).

Please detail the names of the previous site owners

**9. Site History/Layout**

Please give details of the site history including any copies of any layout plans, both current and historical. If any tank layout plans are available, please include them with your response.

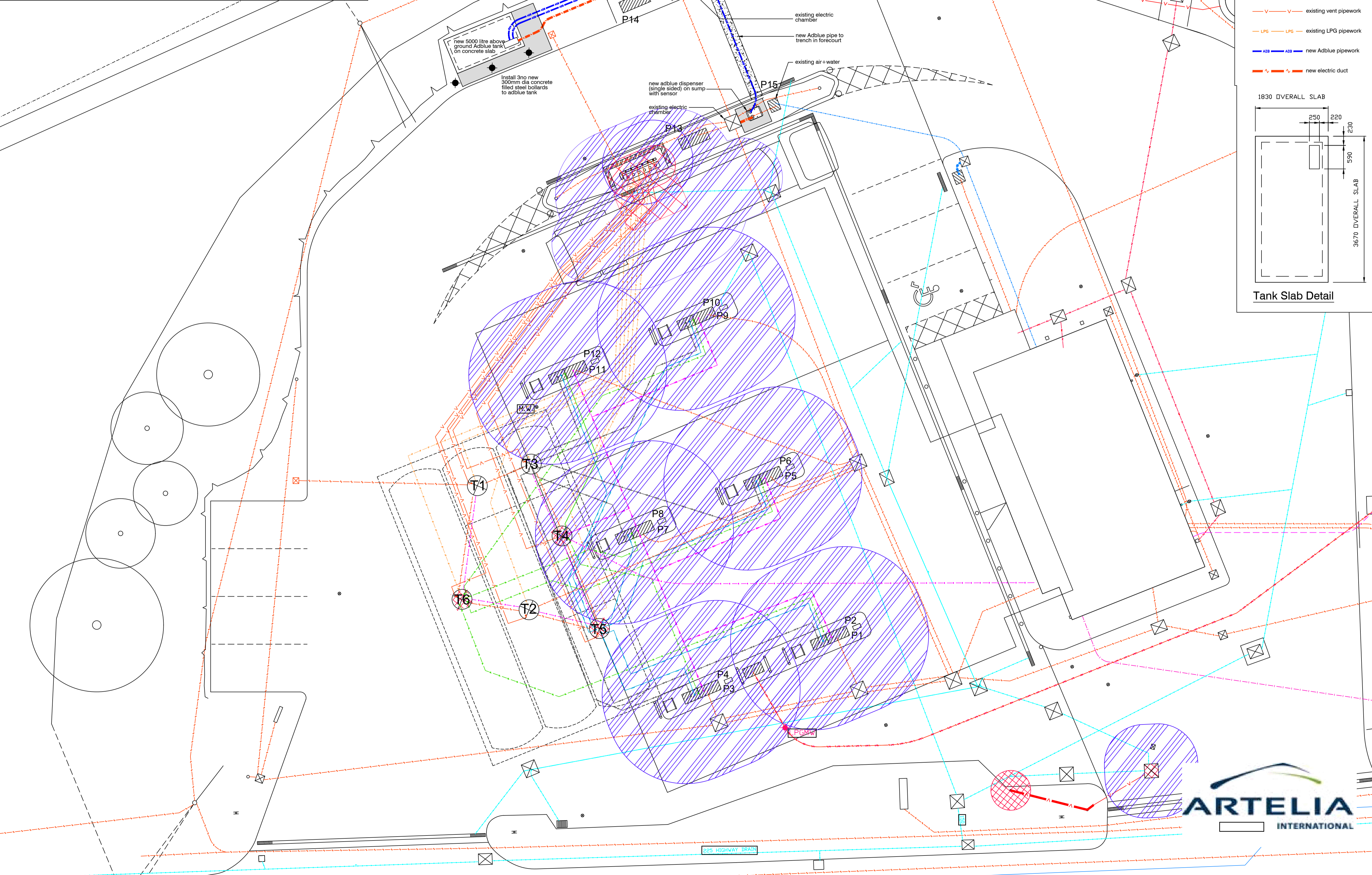
Copy of site plan included.

**10. Other Information**

If you are aware of any other information that might be of relevance (e.g., previous ground investigations, remediation work, change in ownership history etc) please add in the space provided below and attach copies/records if available:

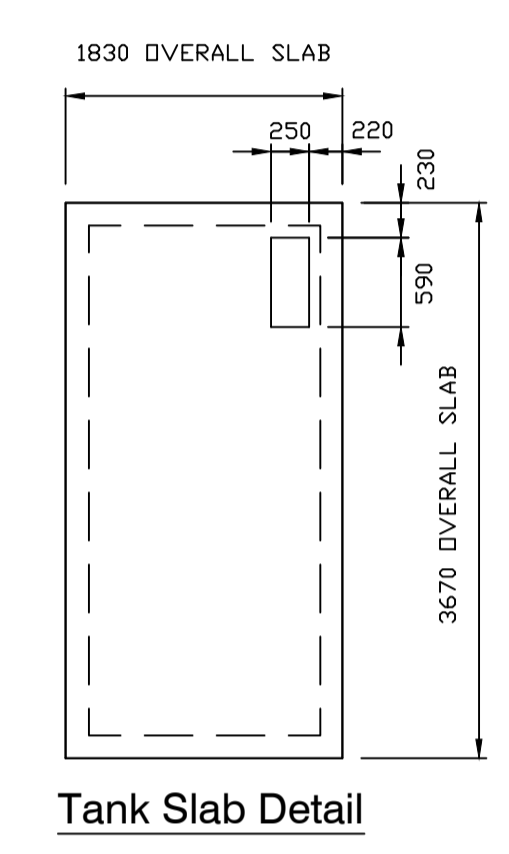
None.

PROPOSED TANK TO PUMP SCHEDULE															
TANK No.	GRADE	SAFE WORKING CAPACITY (L)	PUMP ISLANDS												
			1/2	3/4	5/6	7/8	9/10	11/12	13	14	15	16			
1	DIESEL	19400	●	●	●	●	●	●	●	●	●	●	●	●	●
2	DIESEL	58200	●	●	●	●	●	●	●	●	●	●	●	●	●
3	VP DIESEL	19400	●	●	●	●	●	●	●	●	●	●	●	●	●
4	UNLEADED	24250	●	●	●	●	●	●	●	●	●	●	●	●	●
5	VP UNLEADED	33950	●	●	●	●	●	●	●	●	●	●	●	●	●
6	UNLEADED	77600	●	●	●	●	●	●	●	●	●	●	●	●	●
7	ADBLUE	5000												●	●



**KEY:**

- fv - fv - existing foul drain
- csv - csv - existing brown surface water drain
- sv - sv - existing surface water drain
- ev - ev - existing electric duct
- g - g - existing gauge/data duct
- bt - bt - existing BT duct
- f - f - existing fuel pipework
- of - of - existing offset fill pipework
- v - v - existing vent pipework
- lpg - lpg - existing LPG pipework
- adb - adb - new Adblue pipework
- ev - ev - new electric duct



**5000 litre Blue Naked Adblue Tank**  
 Housing: insulated sandwich panels integrated in fibreglass structure and acts as a bund, colour white  
 Tank: single walled/polyethylene/installed in compartment  
 Flow rate: between 30 and 40L/min  
 Pump: submersible pump 1000W  
 Heating: anti freeze heating 1000W  
 Pipes: stainless steel 16 bar approved  
 Filling point: in technical compartment/ dry disconnect coupling  
 Level sensor: 4-20 mA  
 Level indicator: as standard  
 Central controller: as standard  
 Overfill protection: Fafnir plug/active overfill alarm with reset button  
 Leak detection: sensor in banded area to detect leakage off primary tank or overflow  
 Power supply: 1x230 VAC, a6A, 3x2.5mm<sup>2</sup>

**Adblue pipework**  
 40x32 UPP double wall pipework laid in continuous length from above ground tank to dispenser sump terminating with a transition coupling and shear valve before connecting to dispenser.  
 Necessary fittings to be installed to make pipe and ductwork fully sealed through sumps and at tank.

**Dispensers**  
 Tokheim Quantum Standalone Adblue dispensers without heaters

**Dispenser Sumps**  
 Berrys Technologies Ltd stainless steel Tokheim Adblue sump fitted with bracket to support shear valve

- Works by Main Contractor**
- Provide and install 2m herras fencing and gates and form contractors compound and provide welfare facilities and secure storage. All safety warning signage to be provided.
  - Catscan and locate existing services in vicinity of works, including mains electric and suction, vent and vapour pipework.
  - Lay new concrete tank base and install bollards.
  - Break out concrete on pump islands and install pump cradles for Adblue dispensers. Lay new Adblue pipework back to storage tank. (in phases to avoid disruption to forecourt)
  - Install ducts for electric and data to Adblue dispenser and emergency switch/button.
  - Make good to trenches in concrete.
  - Install Adblue dispensers and storage tank.
  - Supply and install pump number stickers for new Adblue dispensers and all new health and safety warning signage.
  - Remove welfare facilities, herras fencing etc.
  - Contractor to phase works to minimise closure of HGV pumps and retain at least one dispensing position at all times. Including co-ordination with fuel deliveries.
  - Contractor to carry out a catscan to work areas prior to commencement.

- Electric Sub-Contractor Works**
- Install electric supply to Adblue dispensers and storage tank both fitted with a tilt switch that will cut power to the dispensers and sub pumps if either the tank or dispenser are struck by a vehicle.
  - Install emergency shut off button on forecourt where indicated on the drawing, to cut power to the dispensers and sub pumps when depressed, linked but to a manual button with override/reset and visual light alarm located on console desk.

- Pipefitting Sub-Contractor**
- Install new pipework from new above ground tank through to new dispensers terminating at shear valve.
  - Test and certify the system.
  - Provide data cable from overfill sensor in tank bund wired back to an alarm in gauge cabinet in shop.
  - Provide data cables from Adblue dispensers back to console.
  - Install gauge cables from Adblue tank to TLS Contents gauge unit.

- Tokheim Works**
- Supply and deliver 2no Adblue dispensers (2no single hose).
  - Install dispensers onto a gasket or silicone to ensure rainwater cannot enter the sump then commission and carry out weights and measures check and record results.

**TENDER DRAWING**

**BAYLISS DESIGN**

E.M.BAYLISS AND PARTNERS LIMITED  
 37 Lombard Street, Lichfield  
 Staffordshire, WS13 6PR  
 Tel:01543 415994 Email:info@bayliss-design.co.uk

HAZARD ZONES ADDED	10.02.21
NOTES AMENDED	22.01.21
DISPENSERS FROM SUMPS TO DRIP TRAYS	13.10.20
REV	DATE
PROJECT	Shell Sutton Elms Coventry Road Broughton CV9 6QD
TITLE	Proposed Site Layout
CLIENT	SHELL UK RETAIL PO BOX 430 AINEP LIVERPOOL UNITED KINGDOM
DRAWN BY	SSM
SCALE	1:100(A1)
DATE	OCT.2020
PROJECT TYPE	ADBLUE
DWG No.	10019140
	ADBLUE
	ADB2
	C



COVENTRY ROAD

Drawings produced from "As Built" Drawings

## **APPENDIX H**

### **Wetstock Performance Letter**

### Site Performance – Shell Sutton Elms, Coventry Road, Broughton, Leicester, LE9 6QD

Fairbanks Environmental Limited has been monitoring Shell Sutton Elms since December 2012.

Fairbanks are a global market leader in remote wetstock management using our in-house loss detection system which is accredited to the US Environmental Protection Agency standard for Statistical Inventory Reconciliation.

This site is currently under the Fairbanks' real time service which collects data directly from the electronic tank gauge and the point of sale. This data includes any active gauge alarms, the start and end time of each transaction, the volume dispensed and the corresponding change in tank stock level. The data is polled every 15 minutes and relayed via broadband to Fairbanks' secure servers in Lancashire, England, UK.

The data is analysed using a pre-defined set of thresholds which trigger alerts for the Fairbanks Wetstock Analysis team to escalate to the customer should any anomalies be detected.

All data supplied from the site has been assumed to be correct and we have no current or on-going concerns over the performance of any of the tanks at site.

Historic issues –

Loss Investigation –

June 2016 – Tank 4 Diesel – Small leak found on lipseal to pumps 11 & 12. Repaired and no loss to ground.

April 2018 – Tank 4 Diesel – Leak discovered on meter pipe. Repaired and no loss to ground.

Drainback Investigations –

September 2015 - Tank 3 V-Power Diesel – New gaskets fitted to pumps 1, 2, 9 & 10.

September 2015 - Tank 2 Diesel – New gaskets and filters fitted to pumps 7 & 8.

December 2015 - Tank 3 V-Power Diesel – Line failed testing to pumps 3 & 4 due to a small under pump leak. New gaskets fitted, tank retested and passed. No loss to ground.

January 2016 - Tank 4 Diesel – New gaskets fitted to pumps 11 & 12. Lines were tested and passed.

February 2016 - Tank 6 Unleaded – New gaskets fitted to pumps 1, 2, 10 & 11.



Other issues –

May 2018 - During a site meter audit, Fairbanks engineer discovered small leaks from the meter units on the following pumps.

Tank 4 – Diesel - Pump 3

Tank 5 – V-Power – Pumps 3 & 4

Tank 6 Unleaded – Pumps 3, 4 & 12

All were repaired and no loss to ground.

Regards

John

**John Watling**

*Data Analytics Supervisor*

Dover Fueling Solutions

Degrave House, Moss Lane View, Skelmersdale

+44 (0) 1695 51775

[John.watling@doverfs.com](mailto:John.watling@doverfs.com)


[doverfuelingsolutions.com](http://doverfuelingsolutions.com)

*At Dover Fueling Solutions, we are a team committed to doing great things, collaborating to deliver exceptional business results for our customers. We are accountable, results driven and create value, through continuous improvement and execution excellence.*

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## **APPENDIX I**

### **Photographic Log**


<b>CLIENT:</b>	Shell UK Oil Products Limited			
<b>PROJECT:</b>	10044284	<b>SITE NAME:</b>	Shell Sutton Elms	

General Site View Facing North



Front of shop building



<b>CLIENT:</b>	Shell UK Oil Products Limited		
<b>PROJECT:</b>	10044284	<b>SITE NAME:</b>	


HGV lane view from south to west of the site



Offset fill point and vent stack






<b>CLIENT:</b>	Shell UK Oil Products Limited		
<b>PROJECT:</b>	10044284	<b>SITE NAME:</b>	

Staining observed in pump island area



Staining observed in pump island area




<b>CLIENT:</b>	Shell UK Oil Products Limited			 80 Fenchurch Street, London, EC3M 4BY T +44 (0)20 7812 2000
<b>PROJECT:</b>	10044284	<b>SITE NAME:</b>	Shell Sutton Elms	

Underground tank covers located south of the forecourt



Groundwater monitoring well found near pump 11



<b>CLIENT:</b>	Shell UK Oil Products Limited			
<b>PROJECT:</b>	10044284	<b>SITE NAME:</b>	Shell Sutton Elms	

Waste storage facility on west of the Site



Vegetation near parking spaces in southern part of the Site



Arcadis (UK) Limited

2 Glass Wharf Temple Quay

Bristol AUK BS2 0FR

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Office: +44 (0) 117 3721000

[arcadis.com](https://www.arcadis.com)

