

## Appendix D

# Desk Study Research Information

Envirocheck

Database Report

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

256166977\_1\_1

**Customer Reference:**

13603 NW Bicester Combined

**National Grid Reference:**

457330, 225270

**Slice:**

A

**Site Area (Ha):**

22.77

**Search Buffer (m):**

1000

#### Site Details:

Site at 457550, 225210

#### Client Details:

Ms K Beecham  
Hydrock Consultants  
3 Hawthorn Park  
Holdenby Road  
Spratton  
Northampton  
NN6 8LD

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	17
Hazardous Substances	-
Geological	18
Industrial Land Use	22
Sensitive Land Use	26
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#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4		1		4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 5		1		
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5		1		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5	Yes			
Pollution Incidents to Controlled Waters	pg 5				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 5				4 (*3)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 9	3	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 9	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 10	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10	2	13	6	34

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 17	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 17		1	1	
Potentially Infilled Land (Water)	pg 17				2
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes	Yes		Yes
BGS Recorded Mineral Sites	pg 18		1		
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 19	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 19	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 20	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 20	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 20	Yes	n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 22		1		14
Fuel Station Entries					
Points of Interest - Commercial Services	pg 23		1		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production					
Points of Interest - Public Infrastructure	pg 23		5		
Points of Interest - Recreational and Environmental	pg 23		1		18
Gas Pipelines					
Underground Electrical Cables					



Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 26				4
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 26				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 26	2			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	0	1	457650 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	0	1	457900 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	0	1	457950 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	0	1	457327 225200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	0	1	458000 225200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SE)	0	1	457450 225100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (S)	0	1	457350 225150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (E)	0	1	457450 225269
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	0	1	458000 225100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	0	1	458100 225100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (SE)	0	1	457850 224900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (S)	0	1	457327 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (W)	0	1	457327 225269
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SE)	0	1	457850 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	0	1	458000 225150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	0	1	458050 225150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SE)	0	1	457850 224950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	0	1	457950 225050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	0	1	458000 225050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	2	1	458050 225200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	10	1	457750 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	11	1	457700 225000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SE)	11	1	457400 225100
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	12	1	458050 225050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	12	1	458100 225150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	14	1	457950 224950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	21	1	458100 225050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	34	1	458050 225250
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SE)	34	1	457800 224950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NW (NE)	49	1	457900 225750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	54	1	458150 225050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SW (SE)	59	1	457800 224900
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (E)	79	1	458150 225200
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	91	1	457750 224850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	105	1	458050 225400
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SW)	122	1	457200 225150
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (SE)	134	1	457800 224800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	149	1	458200 225269
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (E)	157	1	458200 224950
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SW (SE)	161	1	457750 224800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	168	1	458250 225300
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	191	1	458250 225269
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	202	1	457700 224750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (E)	203	1	458150 225350

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NE)	216	1	457950 225600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (SE)	246	1	457750 224700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SW (SE)	271	1	457700 224700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (NW)	274	1	457100 225650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	276	1	457750 225700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	287	1	458150 225500
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SW (SE)	290	1	457650 224700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (E)	293	1	458100 225550
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (NE)	309	1	457750 225750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (NE)	347	1	457900 225650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (SE)	358	1	457700 224600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8SW (SE)	382	1	457650 224600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (E)	394	1	458200 225600
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (NE)	397	1	457900 225700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (NE)	401	1	458000 225700
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SW (S)	424	1	457150 224800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A6NE (SW)	438	1	456800 225000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NE)	460	1	458050 225750
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A4NW (SE)	470	1	457650 224500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: A G Phipps, Esq.  Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES)  Location: Home Farm Complex Home Farm Banbury Road Caversfield, Bicester Oxfordshire Ox27 0tg  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cawm.0566  Permit Version: 1  Effective Date: 19th November 2002  Issued Date: 16th January 2003  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: The Town Brook  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A8NE (E)	5	2	458020 225040
2	<p><b>Discharge Consents</b></p> <p>Operator: Thames Water Utilities Limited.  Property Type: PUMPING STN ON UNADOPTED SEWERAGE NETWRK (NOT WATER CO)  Location: Bucknell Pumping Station, Bucknell, Near Bicester, Oxfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Given  Reference: CNTM.0214  Permit Version: 1  Effective Date: 7th May 1992  Issued Date: 7th May 1992  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Pumping Station - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Town Brook  <b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 100m</p>	A10NW (NW)	680	2	456530 225690
2	<p><b>Discharge Consents</b></p> <p>Operator: Thames Water Utilities Limited.  Property Type: PUMPING STN ON UNADOPTED SEWERAGE NETWRK (NOT WATER CO)  Location: Bucknell Pumping Station, Bucknell, Near Bicester, Oxfordshire  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cntm.0214  Permit Version: 1  Effective Date: 7th May 1992  Issued Date: 7th May 1992  Revocation Date: Not Supplied  Discharge Type: Public Sewage: Storm Sewage Overflow  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Town Brook  <b>Status:</b> <b>New Consent, by Application (Water Resources Act 1991, Section 88)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A10NW (NW)	680	2	456530 225690
3	<p><b>Discharge Consents</b></p> <p>Operator: Messrs Wej &amp; Tmf Malins  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Lords Farm Lords Lane Bicester Oxfordshire Ox27 7hl  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cawm.0877  Permit Version: 1  Effective Date: 16th September 2004  Issued Date: 16th November 2004  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of The Town Brook  <b>Status:</b> <b>New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A3SE (S)	827	2	457520 224180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p><b>Discharge Consents</b></p> <p>Operator: Messrs Wej &amp; Tmf Malins  Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE)  Location: Lords Farm Lords Lane Bicester Oxfordshire Ox27 7hl  Authority: Environment Agency, Thames Region  Catchment Area: Not Supplied  Reference: Cawm.0876  Permit Version: 1  Effective Date: 16th September 2004  Issued Date: 16th November 2004  Revocation Date: Not Supplied  Discharge Type: Trade Effluent Discharge-Site Drainage  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Trib Of The Town Brook  <b>Status: New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)</b>  Positional Accuracy: Located by supplier to within 10m</p>	A3SE (S)	839	2	457510 224170
4	<p><b>Integrated Pollution Prevention And Control</b></p> <p>Name: Sse Heat Networks Limited  Location: Elmsbrook Energy Centre Epr/Mp3809bm, Elmsbrook Energy Centre, Bramley Avenue, Elmsbrook, Bicester  Authority: Environment Agency - South East Region, West Thames Area  Permit Reference: MP3809BM  Original Permit Ref: Mp3809bm  Effective Date: 27th May 2020  <b>Status: Effective</b>  Application Type: Application  App. Sub Type: New  Positional Accuracy: Located by supplier to within 10m  Activity Code: 25A (a)  Activity Description: New Medium Combustion Plant  Primary Activity: Y</p>	A8SW (SE)	183	2	457890 224740
5	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Teslayne Engineering  Location: Unit 4 The Courtyard, Caversfield, Bicester, Ox27 8tg  Authority: Cherwell District Council, Environmental Health Department  Permit Reference: CDC P/WOB/011  Dated: Not Supplied  Process Type: Local Authority Air Pollution Control  Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input  <b>Status: Application Not Yet Authorised</b>  Positional Accuracy: Manually positioned to the address or location</p>	A8NE (E)	15	3	458065 225047
	<p><b>Nearest Surface Water Feature</b></p>	A8NW (SE)	0	-	457684 224990
6	<p><b>Pollution Incidents to Controlled Waters</b></p> <p>Property Type: Not Given  Location: BUCKNELL  Authority: Environment Agency, Thames Region  Pollutant: Oils - Unknown  Note: Not Supplied  Incident Date: 5th March 1997  Incident Reference: THWE1997032735  Catchment Area: Not Given  Receiving Water: Not Given  Cause of Incident: Not Given  Incident Severity: Category 3 - Minor Incident  Positional Accuracy: Located by supplier to within 100m</p>	A10NW (NW)	822	2	456400 225750
7	<p><b>Water Abstractions</b></p> <p>Operator: W &amp; W Malins  Licence Number: 28/39/14/0214  Permit Version: 100  Location: Lords Farm, Bicester (B)  Authority: Environment Agency, Thames Region  Abstraction: General Farming And Domestic  Abstraction Type: Water may be abstracted from a single point  Source: Groundwater  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: 8th May 1967  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A7SW (SW)	674	2	457000 224600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<b>Water Abstractions</b> Operator: W V Malins & Son Licence Number: 28/39/14/0348/R01 Permit Version: 1 Location: Lords Farm - Borehole Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2018 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	804	2	457441 224221
8	<b>Water Abstractions</b> Operator: W V Malins & Son Licence Number: 28/39/14/0348 Permit Version: 1 Location: Lords Farm - Borehole Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Underground Strata At Lords Farm, Bicester. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A3SE (S)	804	2	457441 224221
9	<b>Water Abstractions</b> Operator: W & W Malins Licence Number: 28/39/14/0214 Permit Version: 100 Location: Lords Farm, Bicester (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 10 Yearly Rate (m3): 1763 Details: Great Oolite Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 8th May 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2NE (SW)	813	2	456900 224500
	<b>Water Abstractions</b> Operator: Mr J Hunter Licence Number: 28/39/14/0048 Permit Version: 100 Location: Watergate Farm, Bainton (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 24 Yearly Rate (m3): 8901 Details: Watergate Farm, Bainton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th April 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1151	2	457700 226700



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mrs C M Hedges & Mrs E Milligan Licence Number: 28/39/14/0143 Permit Version: 100 Location: Manor Farm, Bucknell (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 22 Details: Great & Inferior Oolite Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A14NW (NW)	1206	2	456400 226300
	<b>Water Abstractions</b> Operator: Mr R Thompson Licence Number: 28/39/14/0067 Permit Version: 100 Location: Home Farm, Bainton (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 4 Yearly Rate (m3): 1159 Details: Home Farm, Bainton Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 10th October 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(NE)	1469	2	458100 226900
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A8NW (SE)	0	4	457932 225000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A8NE (E)	0	4	458000 225058



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Superficial Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	A8NW (SE)	0	4	457817 224947
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	A11SE (W)	0	4	457327 225269
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	A8NE (SE)	0	4	457973 225000
	<p><b>Groundwater Vulnerability Map</b></p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability</p> <p>Combined Vulnerability: High</p> <p>Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer</p> <p>Pollutant Speed: High</p> <p>Bedrock Flow: Well Connected Fractures</p> <p>Dilution: &lt;300 mm/year</p> <p>Baseflow Index: &gt;70%</p> <p>Superficial Patchiness: &lt;90%</p> <p>Superficial Thickness: &lt;3m</p> <p>Superficial Recharge: No Data</p>	A8NE (E)	0	4	458000 225020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A12SE (E)	0	4	458000 225269
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A8SW (SE)	0	4	457845 224871
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A7NE (S)	0	4	457327 225000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	A7NE (S)	0	4	457327 225000
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	A11SE (W)	0	4	457327 225269
	<b>Groundwater Vulnerability - Soluble Rock Risk</b> Classification: Significant Risk - Problems Unlikely	A12SE (E)	0	4	458000 225269
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A7NE (S)	0	4	457327 225000
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A11SE (W)	0	4	457327 225269
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A8NW (SE)	0	4	457817 224947
	<b>Superficial Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A12NW (NE)	0	4	457751 225765
	<b>Extreme Flooding from Rivers or Sea without Defences</b> Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NW (SE)	0	2	457755 224970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Flooding from Rivers or Sea without Defences</b> Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A8NW (SE)	0	2	457765 224965
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	0	5	457676 224994
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	0	5	458101 225071
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 262.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (SE)	1	5	457873 224889
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 224.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NW (SE)	1	5	457677 224991
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 460.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	1	5	457286 225202
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 40.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	1	5	458064 225055
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 38.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	1	5	458101 225071

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	29	5	457281 225205
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 261.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A7NE (SW)	29	5	457281 225205
19	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 272.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	37	5	458125 225107
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 421.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8NE (E)	38	5	458137 225086
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 752.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A8SW (SE)	47	5	457844 224873
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (W)	77	5	457033 225280
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 293.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A11SW (W)	78	5	457031 225282
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 356.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NE)	231	5	457982 225631
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 225.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NE)	255	5	458059 225595

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 318.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NW (NE)	302	5	457685 225794
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 281.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10SE (NW)	306	5	456880 225530
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 61.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 2	A8SE (SE)	311	5	458111 224690
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NE)	328	5	458055 225611
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 603.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A12NE (NE)	332	5	458055 225615
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 29.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	550	5	456678 225671
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 179.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	550	5	456678 225671
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	554	5	456737 225747
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 48.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	555	5	456693 225696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	600	5	456661 225728
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 117.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	604	5	456660 225732
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 130.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	702	5	456598 225808
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	702	5	456598 225808
39	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 12.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NE (NW)	705	5	456596 225810
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 60.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (NW)	706	5	456505 225697
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 638.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	738	5	457109 224398
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (N)	750	5	457688 226290
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (NW)	763	5	456445 225709

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 12.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4SW (S)	767	5	457605 224217
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4SW (S)	767	5	457605 224217
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (NW)	770	5	456438 225710
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 504.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4SW (S)	776	5	457609 224205
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A4SW (S)	776	5	457609 224205
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3SE (S)	782	5	457587 224208
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 402.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (S)	818	5	457054 224384
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 118.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (SW)	818	5	456960 224434
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A3NW (SW)	829	5	456955 224440

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 300.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (NW)	833	5	456362 225703
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A10NW (NW)	833	5	456362 225703
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 267.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	840	5	457857 226319
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 55.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	849	5	457935 226285
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 45.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SE (NE)	855	5	458098 226171
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 412.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SE (NE)	855	5	458098 226171
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 199.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SE (NE)	881	5	458091 226213
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 152.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16SE (NE)	881	5	458089 226214
61	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 116.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NE (NE)	892	5	457973 226310



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 238.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A9SE (W)	904	5	456217 225512
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	911	5	457883 226385
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 214.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Thames Primacy: 1	A16NW (NE)	911	5	457883 226385

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Local Authority Landfill Coverage</b> Name: Cherwell District Council - Has supplied landfill data		0	3	457327 225269
	<b>Local Authority Landfill Coverage</b> Name: Oxfordshire County Council - Has supplied landfill data		0	6	457327 225269
65	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A8NE (E)	100	-	458199 225054
66	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1982	A15SE (N)	406	-	457409 225974
67	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NW (NW)	721	-	456577 225815
68	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A10NW (NW)	732	-	456472 225694

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Great Oolite Group	A11SE (W)	0	1	457327 225269
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A11SE (W)	0	1	457327 225269
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8SE (SE)	66	1	458000 224890
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (NW)	898	1	456644 226102
	<b>BGS Estimated Soil Chemistry</b> Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 25 - 35 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A3SE (S)	975	1	457327 224000
69	<b>BGS Recorded Mineral Sites</b> Site Name: Home Farm Location: Caversfield, Oxford, Oxfordshire Source: British Geological Survey, National Geoscience Information Service Reference: 57403 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Cornbrash Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8NE (E)	87	1	458187 225056
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12NW (NE)	0	1	457751 225765
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457817 224947
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	1	457845 224871
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457817 224947
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	1	457845 224871
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A12NW (NE)	0	1	457751 225765
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457817 224947
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457851 225000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (SW)	0	1	457297 225225
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (SE)	0	1	457511 225000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	457973 225000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	1	457845 224871
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (E)	45	1	458089 225000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	46	1	457327 225000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	66	1	457882 224786
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A12NW (NE)	0	1	457751 225765
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	1	457845 224871
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457817 224947
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8SW (SE)	0	1	457845 224871
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (SE)	0	1	457973 225000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12NW (NE)	0	1	457751 225765
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457817 224947
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457775 225025
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457750 225000
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (W)	0	1	457327 225269
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A7NE (S)	0	1	457327 225000
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	457350 225275
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457775 225025
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A8NW (SE)	0	1	457750 225000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A11SE (W)	0	1	457327 225269
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A7NE (S)	0	1	457327 225000
	<p><b>Radon Potential - Radon Protection Measures</b></p> <p>Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions</p> <p>Source: British Geological Survey, National Geoscience Information Service</p>	A11SE (E)	0	1	457350 225275

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: High Spec Composites Ltd            Location: Unit 4, Home Farm, Banbury Road, Caversfield, BICESTER, Oxfordshire, OX27 8TG            Classification: Carbon Products  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A8NE (E)	16	-	458064 225046
71	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Daisy Dusters            Location: 69, Germander Way, Bicester, Oxfordshire, OX26 3WD            Classification: Cleaning Services - Domestic  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A4NE (SE)	567	-	458005 224365
72	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: 4b'S Carpet            Location: 55, Juniper Gardens, Bicester, Oxfordshire, OX26 3FS            Classification: Carpet, Curtain &amp; Upholstery Cleaners  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4NE (SE)	568	-	458230 224458
72	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Stardust            Location: 55, Juniper Gardens, Bicester, Oxfordshire, OX26 3FS            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4NE (SE)	568	-	458230 224458
73	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Drinkwell            Location: 56, Mullein Road, Bicester, Oxfordshire, OX26 3WX            Classification: Water Coolers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4NE (SE)	618	-	458104 224338
74	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Balco            Location: 1, Germander Way, Bicester, Oxfordshire, OX26 3WB            Classification: Garage Equipment  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4NW (SE)	644	-	457830 224283
75	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Red Engineering Design            Location: Unit 1, Lower Farm Barns, Bainton Road, Bucknell, Bicester, Oxfordshire, OX27 7LT            Classification: Engineering Services  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A10NW (NW)	730	-	456516 225757
76	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Artavia            Location: 24, Bryony Road, Bicester, Oxfordshire, OX26 3ZB            Classification: Printers  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4SE (SE)	826	-	458089 224117
77	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Mr Pinks            Location: 22, Vervain Close, Bicester, OX26 3SR            Classification: Candle Manufacturers &amp; Suppliers  <b>Status: Active</b>            Positional Accuracy: Automatically positioned to the address</p>	A4SE (SE)	875	-	458131 224077
78	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Lee Wanless            Location: 12, Fluellen Place, Bicester, Oxfordshire, OX26 3ZE            Classification: Boilers - Servicing, Replacements &amp; Repairs  <b>Status: Inactive</b>            Positional Accuracy: Automatically positioned to the address</p>	A4SE (SE)	916	-	457968 224009
79	<p><b>Contemporary Trade Directory Entries</b></p> <p>Name: Luxurious Cleaning            Location: Lucerne Av, Bicester, Oxfordshire, OX26 3EG            Classification: Cleaning Services - Domestic  <b>Status: Inactive</b>            Positional Accuracy: Manually positioned within the geographical locality</p>	A4SW (S)	962	-	457799 223966

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	<b>Contemporary Trade Directory Entries</b> Name: Turney Agriforce Location: Lords Farm, Bicester, Oxfordshire, OX27 7HL Classification: Agricultural Engineers <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3SE (S)	974	-	457382 224060
81	<b>Contemporary Trade Directory Entries</b> Name: Oven Genie Location: 14, Oxlip Leyes, Bicester, Oxfordshire, OX26 3ED Classification: Oven cleaning <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3SE (S)	997	-	457482 224014
81	<b>Contemporary Trade Directory Entries</b> Name: Genie Location: 14, Oxlip Leyes, Bicester, Oxfordshire, OX26 3ED Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3SE (S)	997	-	457482 224014
81	<b>Contemporary Trade Directory Entries</b> Name: Genie Property Maintenance Location: 14, Oxlip Leyes, Bicester, Oxfordshire, OX26 3ED Classification: Commercial Cleaning Services <b>Status: Inactive</b> Positional Accuracy: Automatically positioned to the address	A3SE (S)	997	-	457482 224014
82	<b>Points of Interest - Commercial Services</b> Name: Bicester Crane & Plant Hire Ltd Location: Caversfield Court, Caversfield, Bicester, OX27 8TQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SE (E)	137	7	458116 225281
83	<b>Points of Interest - Public Infrastructure</b> Name: Filter Bed Location: OX27 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	9	7	458021 225103
83	<b>Points of Interest - Public Infrastructure</b> Name: Sluices Location: OX27 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	29	7	458104 225129
83	<b>Points of Interest - Public Infrastructure</b> Name: Sluice Location: OX27 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	38	7	458113 225131
83	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: OX27 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	39	7	458127 225108
83	<b>Points of Interest - Public Infrastructure</b> Name: Weir Location: OX27 Category: Water Class Code: Weirs, Sluices and Dams Positional Accuracy: Positioned to an adjacent address or location	A8NE (E)	45	7	458132 225110
84	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX27 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SW (SE)	183	7	457814 224764
85	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Germander Way, OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A4NE (SE)	600	7	458073 224347



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4NE (SE)	686	7	458081 224260
85	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Orchid Close, OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A4NE (SE)	688	7	458084 224259
86	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4NW (SE)	637	7	457919 224286
86	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SE (SE)	694	7	457975 224232
87	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SW (S)	773	7	457705 224176
88	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Cranesbill Drive, OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A4SW (SE)	838	7	457908 224085
88	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SW (SE)	839	7	457907 224084
89	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SW (S)	843	7	457772 224090
90	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SE (SE)	854	7	458066 224084
90	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Bryony Road, OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A4SE (SE)	860	7	458065 224078
91	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SW (S)	905	7	457690 224043
92	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Fluellen Place, OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A4SE (SE)	905	7	457993 224022

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SE (SE)	915	7	457992 224012
93	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SE (SE)	950	7	458139 224002
93	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SE (SE)	981	7	458068 223955
94	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A3SE (S)	969	7	457535 224027
95	<b>Points of Interest - Recreational and Environmental</b> Name: Play Area Location: OX26 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A4SW (S)	974	7	457864 223949

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
96	<b>Ancient Woodland</b> Name: Not Supplied Reference: 1501836 Area(m <sup>2</sup> ): 3222.16 Type: Ancient and Semi-Natural Woodland	A16NW (N)	745	8	457636 226300
97	<b>Ancient Woodland</b> Name: Nettle Copse Reference: 1501837 Area(m <sup>2</sup> ): 17048.3 Type: Ancient and Semi-Natural Woodland	A14SE (NW)	800	8	456834 226106
98	<b>Ancient Woodland</b> Name: Bainton Copse Reference: 1501834 Area(m <sup>2</sup> ): 19285.16 Type: Ancient and Semi-Natural Woodland	(NE)	949	8	458377 226147
99	<b>Ancient Woodland</b> Name: Cotmore Covert Reference: 1501913 Area(m <sup>2</sup> ): 16444.84 Type: Plantation on Ancient Woodland	(NE)	976	8	458508 226098
100	<b>Local Nature Reserves</b> Name: Bure Park Multiple Area: N Area (m2): 84041 Source: Natural England Designation Date: 5th December 2005	A4SW (S)	796	8	457632 224175
101	<b>Nitrate Vulnerable Zones</b> Name: Cherwell (Ray To Thames) And Woodeaton Brook Nvz Description: Surface Water Source: Environment Agency, Head Office	A11SE (W)	0	4	457327 225269
102	<b>Nitrate Vulnerable Zones</b> Name: Bicester North Description: Groundwater Source: Environment Agency, Head Office	A11SE (W)	0	4	457327 225269

Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> South Northamptonshire Council - Environment Division Environment Agency - Head Office Cherwell District Council - Environmental Health Department	August 2013 June 2020 October 2014	Annual Rolling Update Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2020 July 2020	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Integrated Pollution Controls</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2008 October 2008	Variable Variable
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Anglian Region Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Annual Rolling Update Not Applicable
<b>Local Authority Pollution Prevention and Control Enforcements</b> South Northamptonshire Council - Environmental Health Department Cherwell District Council - Environmental Health Department	December 2014 October 2014	Variable Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	June 2020	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	September 1999 September 1999	Not Applicable Not Applicable
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Anglian Region Environment Agency - Thames Region	March 2013 March 2013	Annual Rolling Update Annual Rolling Update
<b>Registered Radioactive Substances</b> Environment Agency - Anglian Region Environment Agency - Thames Region	June 2016 June 2016	
<b>River Quality</b> Environment Agency - Head Office	November 2001	Not Applicable
<b>River Quality Biology Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>River Quality Chemistry Sampling Points</b> Environment Agency - Head Office	July 2012	Annually
<b>Substantiated Pollution Incident Register</b> Environment Agency - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
<b>Water Abstractions</b> Environment Agency - Anglian Region Environment Agency - Thames Region	July 2020 July 2020	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2017 October 2017	Quarterly Quarterly
<b>Groundwater Vulnerability Map</b> Environment Agency - Head Office	June 2018	As notified
<b>Groundwater Vulnerability - Soluble Rock Risk</b> Environment Agency - Head Office	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Superficial Aquifer Designations</b> Environment Agency - Head Office	January 2018	Annually
<b>Source Protection Zones</b> Environment Agency - Head Office	October 2019	Quarterly
<b>Extreme Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	June 2020	Quarterly
<b>Flooding from Rivers or Sea without Defences</b> Environment Agency - Head Office	June 2020	Quarterly
<b>Areas Benefiting from Flood Defences</b> Environment Agency - Head Office	June 2020	Quarterly
<b>Flood Water Storage Areas</b> Environment Agency - Head Office	June 2020	Quarterly
<b>Flood Defences</b> Environment Agency - Head Office	June 2020	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	June 2020	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Environment Agency - Head Office	October 2013	Annually
<b>Surface Water Suitability</b> Environment Agency - Head Office	October 2013	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Historical Landfill Sites</b> Environment Agency - Head Office	October 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Anglian Region Environment Agency - Thames Region	October 2008 October 2008	Not Applicable Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency - Anglian Region - Northern Area Environment Agency - South East Region - West Thames Area Environment Agency - Thames Region - West Area	July 2020 July 2020 July 2020	Quarterly Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Cherwell District Council - Environmental Health Department Northamptonshire County Council Oxfordshire County Council South Northamptonshire Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Cherwell District Council - Environmental Health Department Northamptonshire County Council Oxfordshire County Council South Northamptonshire Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Registered Landfill Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency - Anglian Region - Northern Area Environment Agency - Thames Region - West Area	March 2003 March 2003	Not Applicable Not Applicable





Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	April 2018	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> Cherwell District Council Oxfordshire County Council South Northamptonshire Council Northamptonshire County Council	February 2016 February 2016 February 2016 November 2011	Variable Variable Variable Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> Cherwell District Council Oxfordshire County Council South Northamptonshire Council Northamptonshire County Council	February 2016 February 2016 February 2016 May 2013	Variable Variable Variable Annual Rolling Update
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	October 2015	Annually
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2020	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	June 2020	Quarterly
<b>Gas Pipelines</b> National Grid	July 2014	
<b>Points of Interest - Commercial Services</b> PointX	September 2020	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2020	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2020	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2020	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2020	Quarterly
<b>Underground Electrical Cables</b> National Grid	August 2020	



Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural England	April 2020	Bi-Annually
<b>Areas of Adopted Green Belt</b> Cherwell District Council South Northamptonshire Council	June 2020 June 2020	As notified As notified
<b>Areas of Unadopted Green Belt</b> Cherwell District Council South Northamptonshire Council	June 2020 June 2020	As notified As notified
<b>Areas of Outstanding Natural Beauty</b> Natural England	June 2019	Bi-Annually
<b>Environmentally Sensitive Areas</b> Natural England	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Natural England	April 2020	Bi-Annually
<b>Marine Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Nature Reserves</b> Natural England	July 2019	Bi-Annually
<b>National Parks</b> Natural England	April 2017	Bi-Annually
<b>Nitrate Sensitive Areas</b> Natural England	April 2016	Not Applicable
<b>Nitrate Vulnerable Zones</b> Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
<b>Ramsar Sites</b> Natural England	August 2020	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural England	May 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural England	July 2020	Bi-Annually
<b>Special Protection Areas</b> Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report


Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	<b>Cherwell District Council - Environmental Health Department</b> Bodicote House, Bodicote, Banbury, Oxfordshire, OX15 4AA	Telephone: 01295 252535 extn 4511 Fax: 01295 270028 Website: www.cherwell-dc.gov.uk
4	<b>Environment Agency - Head Office</b> Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Oxfordshire County Council</b> County Hall, New Road, Oxford, Oxfordshire, OX1 1ND	Telephone: 01865 792422 Fax: 01865 810106 Email: environmental.services@oxfordshire.gov.uk Website: www.oxfordshire.gov.uk
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk


Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

# Geology 1:50,000 Maps Legends







## Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

## Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CB	Combrash Formation	Limestone	Not Supplied - Bathonian
	FMB	Forest Marble Formation	Limestone and Mudstone, Interbedded	Not Supplied - Bathonian
	BLAD	Bladon Member	Mudstone and Limestone, Interbedded	Not Supplied - Bathonian
	FMB	Forest Marble Formation	Limestone	Not Supplied - Bathonian
	WHL	White Limestone Formation	Limestone	Not Supplied - Bathonian
		Faults		



## Geology 1:50,000 Maps

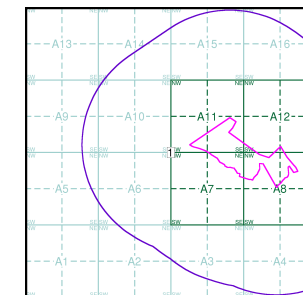
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

## Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	219
Map Name:	Buckingham
Map Date:	2002
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

## Geology 1:50,000 Maps - Slice A

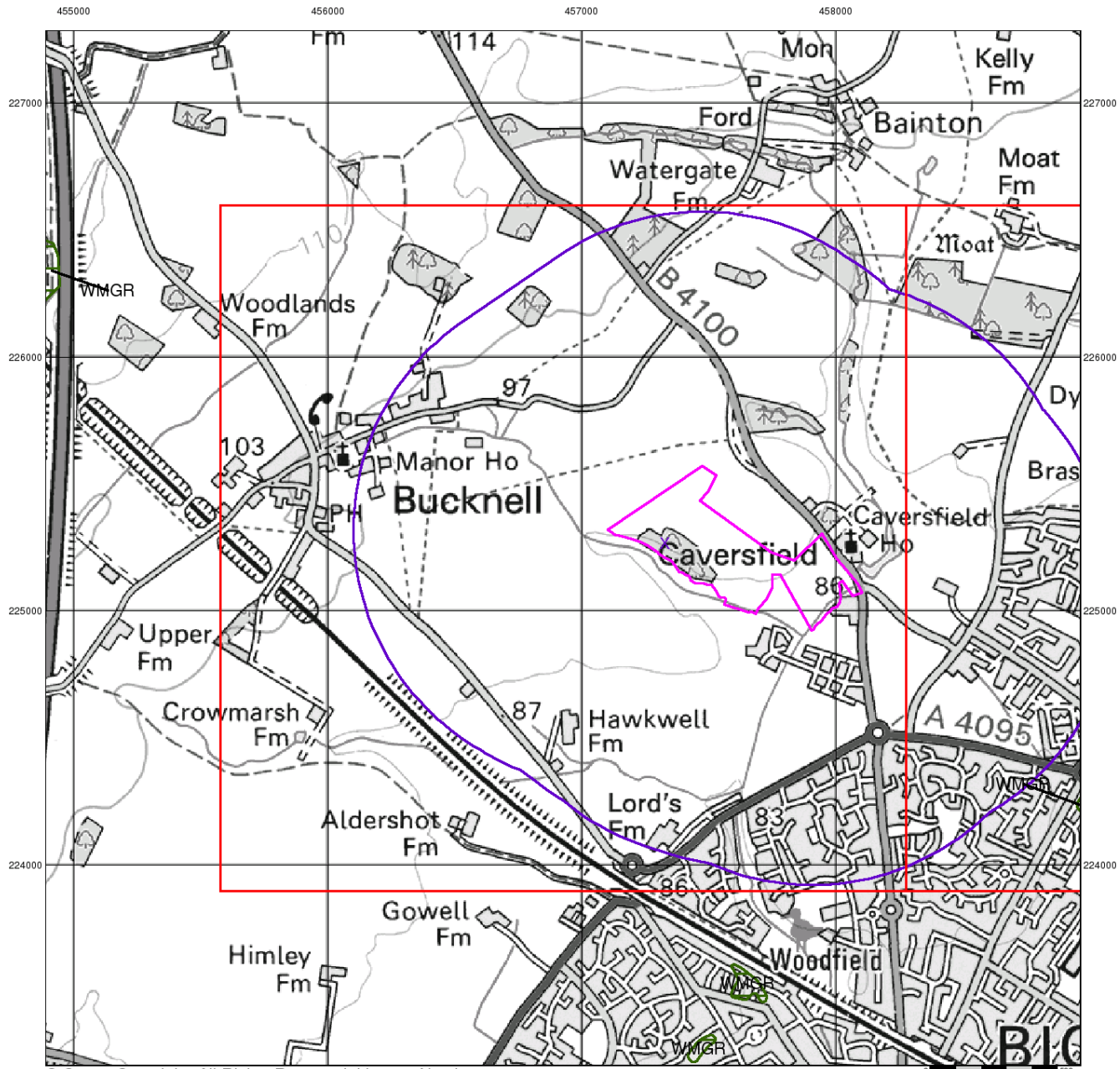


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Order Number:	256166977_1_1
Customer Reference:	13603 NW Bicester Combined
National Grid Reference:	457330, 225270
Slice:	A
Site Area (Ha):	22.77
Search Buffer (m):	1000

## Site Details:

Site at 457550, 225210



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# Hydrock

## Artificial Ground and Landslip

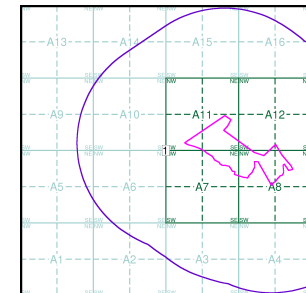
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially unstable material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

## Artificial Ground and Landslip Map - Slice A



### Order Details:

Order Number: 256166977\_1\_1  
 Customer Reference: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

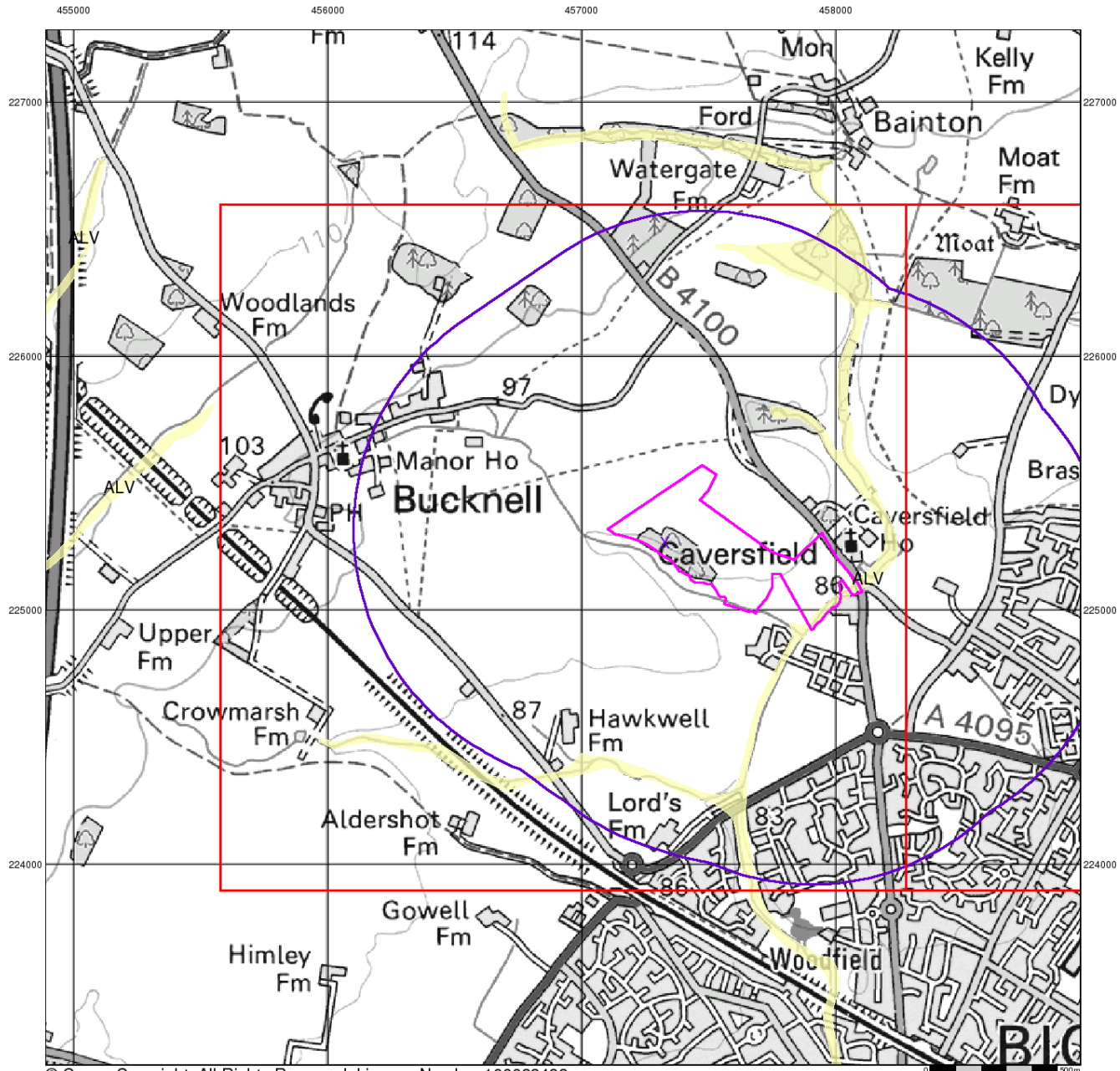
### Site Details:

Site at 457550, 225210

**Landmark**  
 INFORMATION GROUP

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





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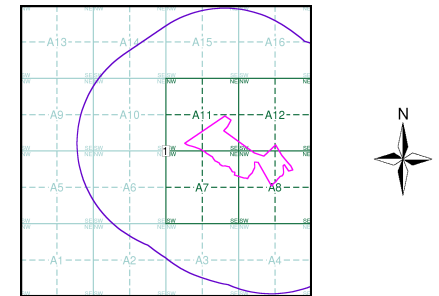
### Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

### Superficial Geology Map - Slice A



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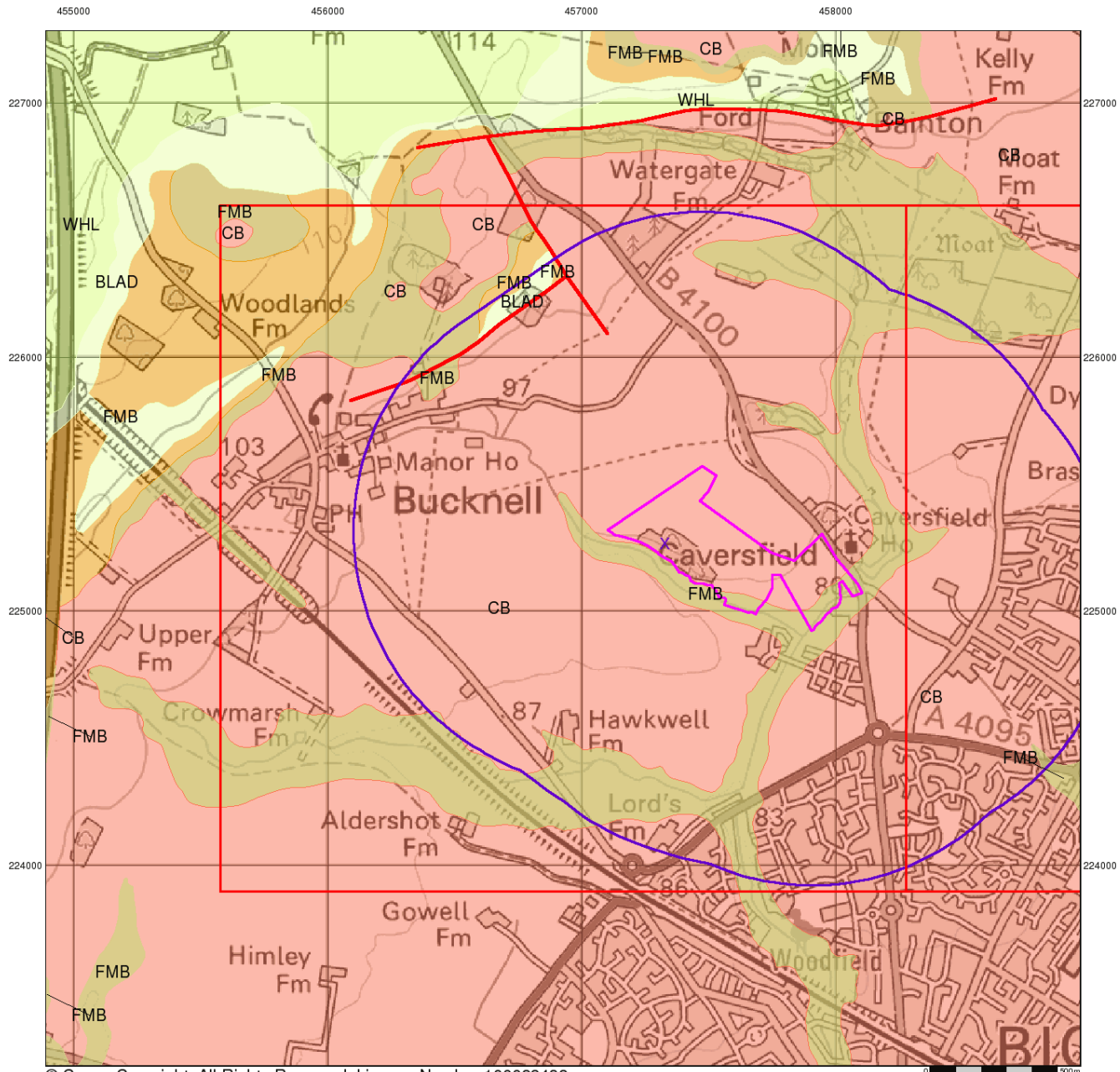
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 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

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# Hydrock

## Bedrock and Faults

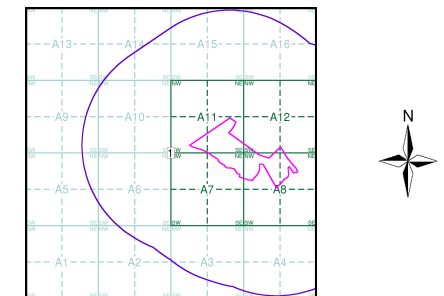
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

## Bedrock and Faults Map - Slice A



## Order Details:

Order Number:	256166977_1_1
Customer Reference:	13603 NW Bicester Combined
National Grid Reference:	457330, 225270
Slice:	A
Site Area (Ha):	22.77
Search Buffer (m):	1000

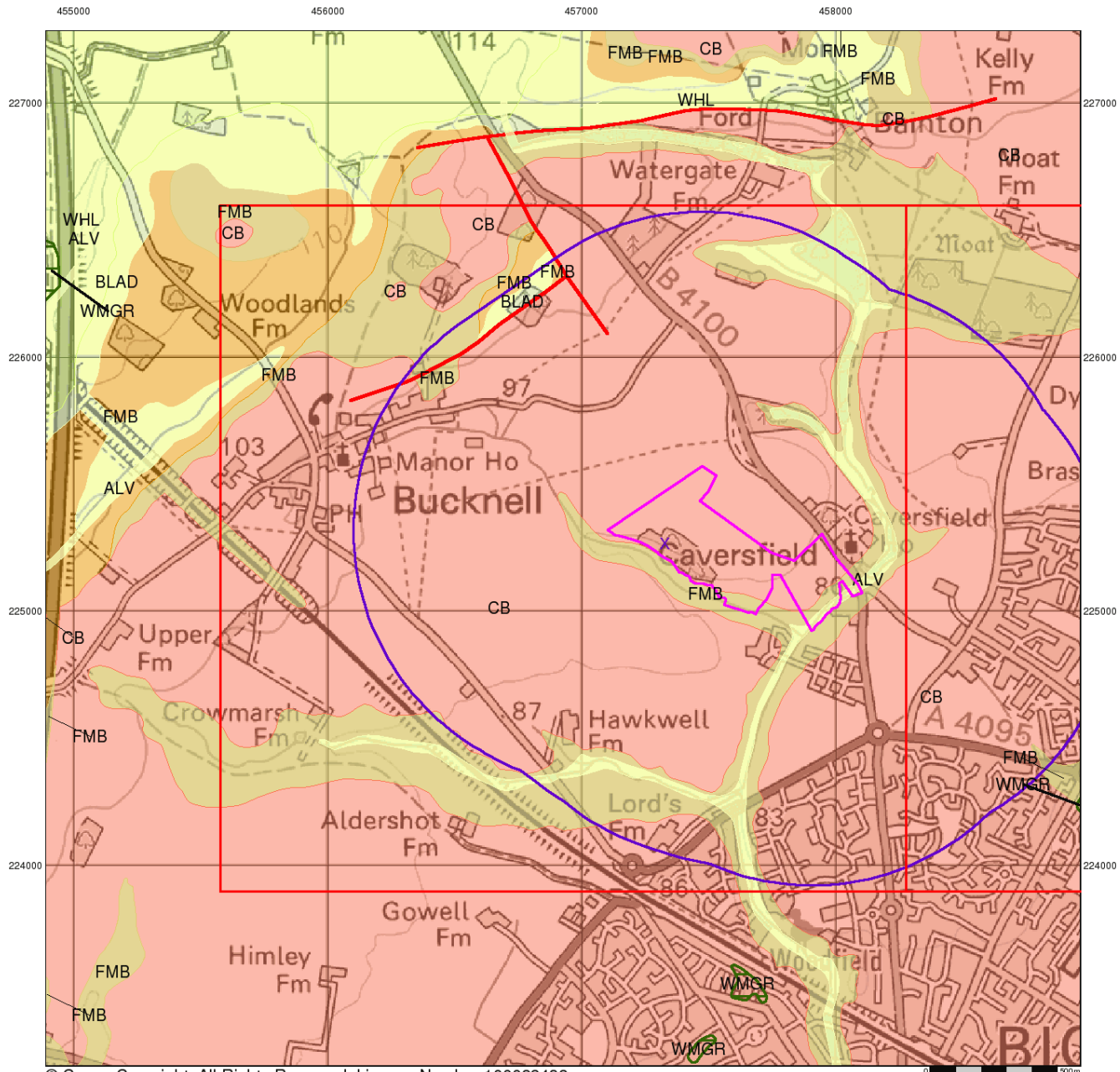
## Site Details:

Site at 457550, 225210

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## Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

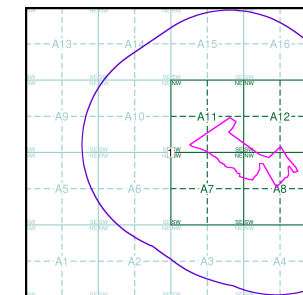
## Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

## Contact

British Geological Survey  
 Kingsley Dunham Centre  
 Keyworth  
 Nottingham  
 NG12 5GG  
 Telephone: 0115 936 3143  
 Fax: 0115 936 3276  
 email: enquiries@bgs.ac.uk  
 website: www.bgs.ac.uk

## Combined Geology Map - Slice A



## Order Details:

Order Number:	256166977_1_1
Customer Reference:	13603 NW Bicester Combined
National Grid Reference:	457330, 225270
Slice:	A
Site Area (Ha):	22.77
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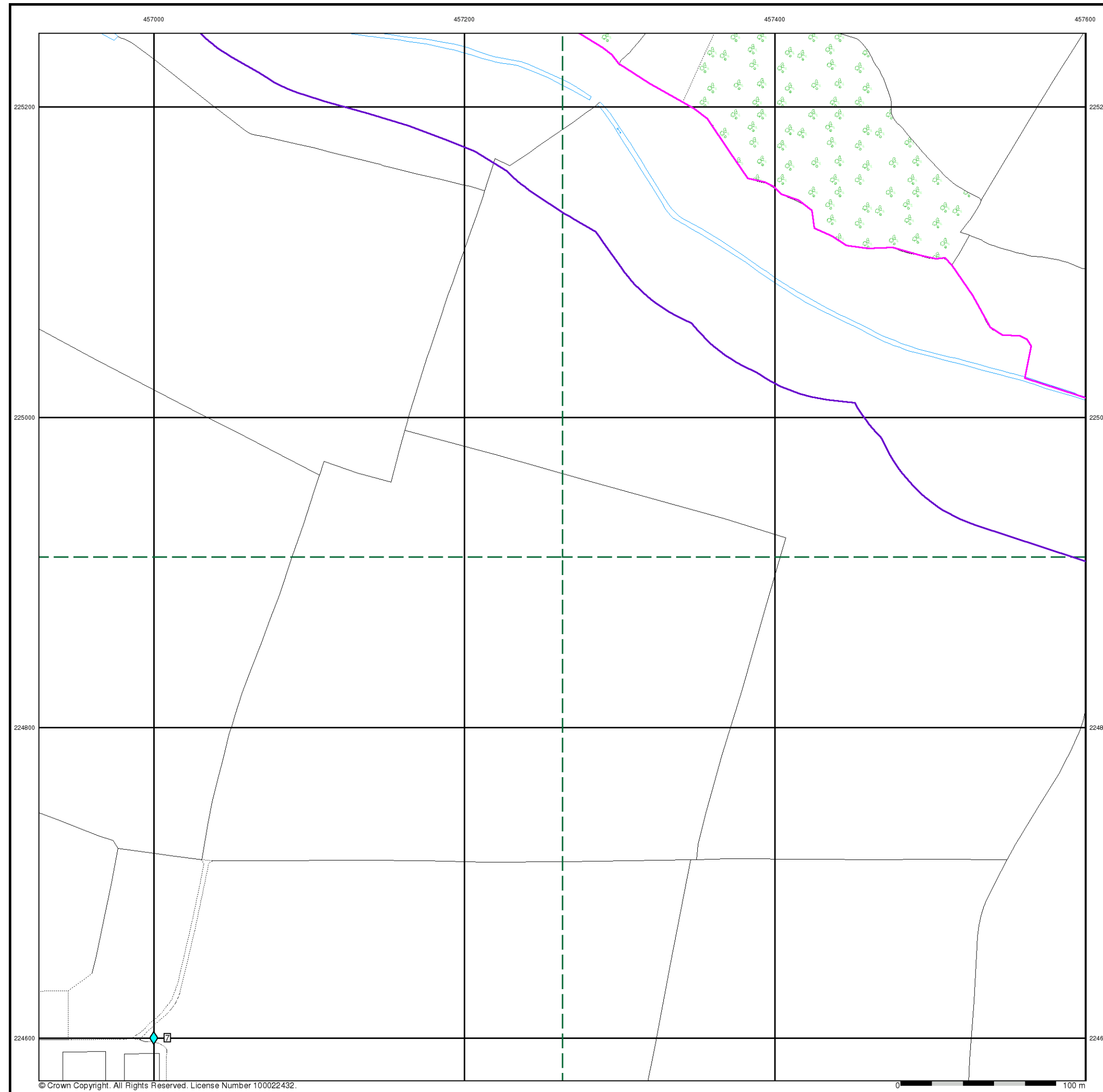
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# Hydrock

**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
- 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

**Waste**

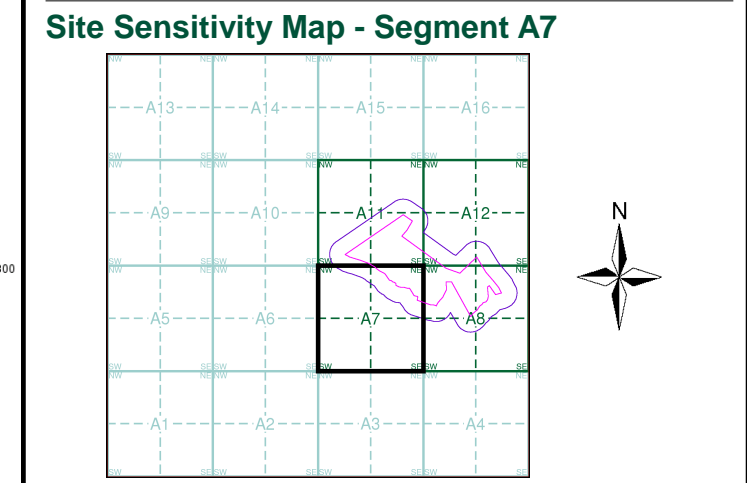
- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- 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
- 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



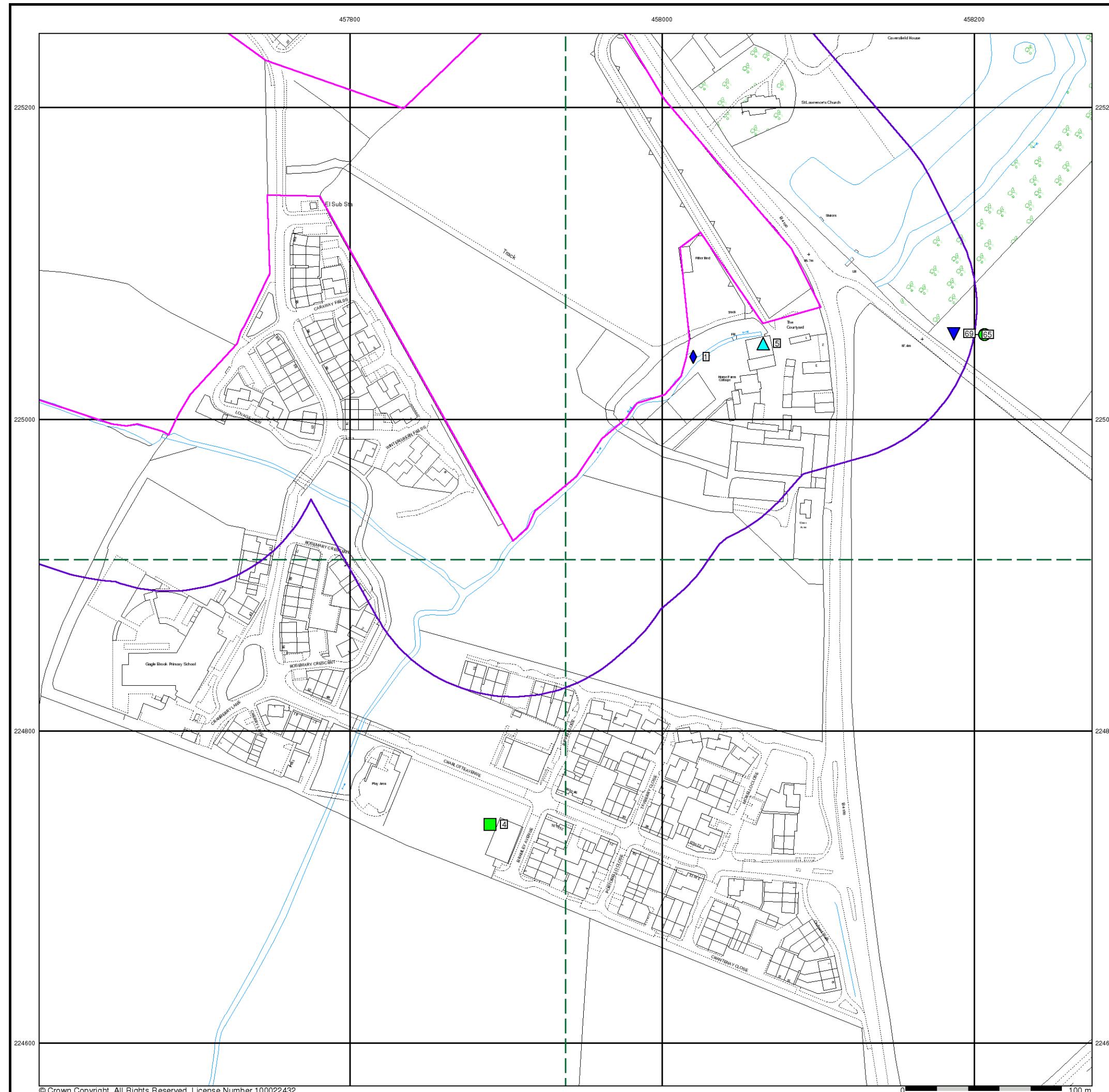
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 Plot Buffer (m): 100

**Site Details**

Site at 457550, 225210

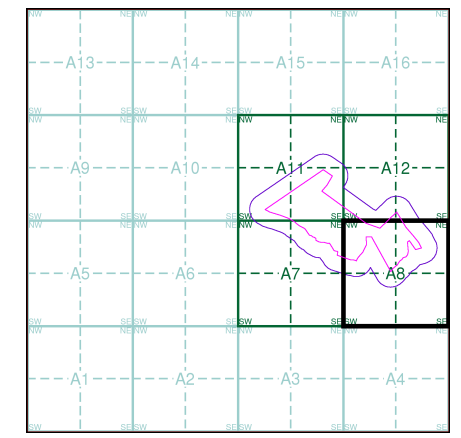
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
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  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry 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
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  - 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
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  - Integrated Pollution Control Registered Waste Site
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  - 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

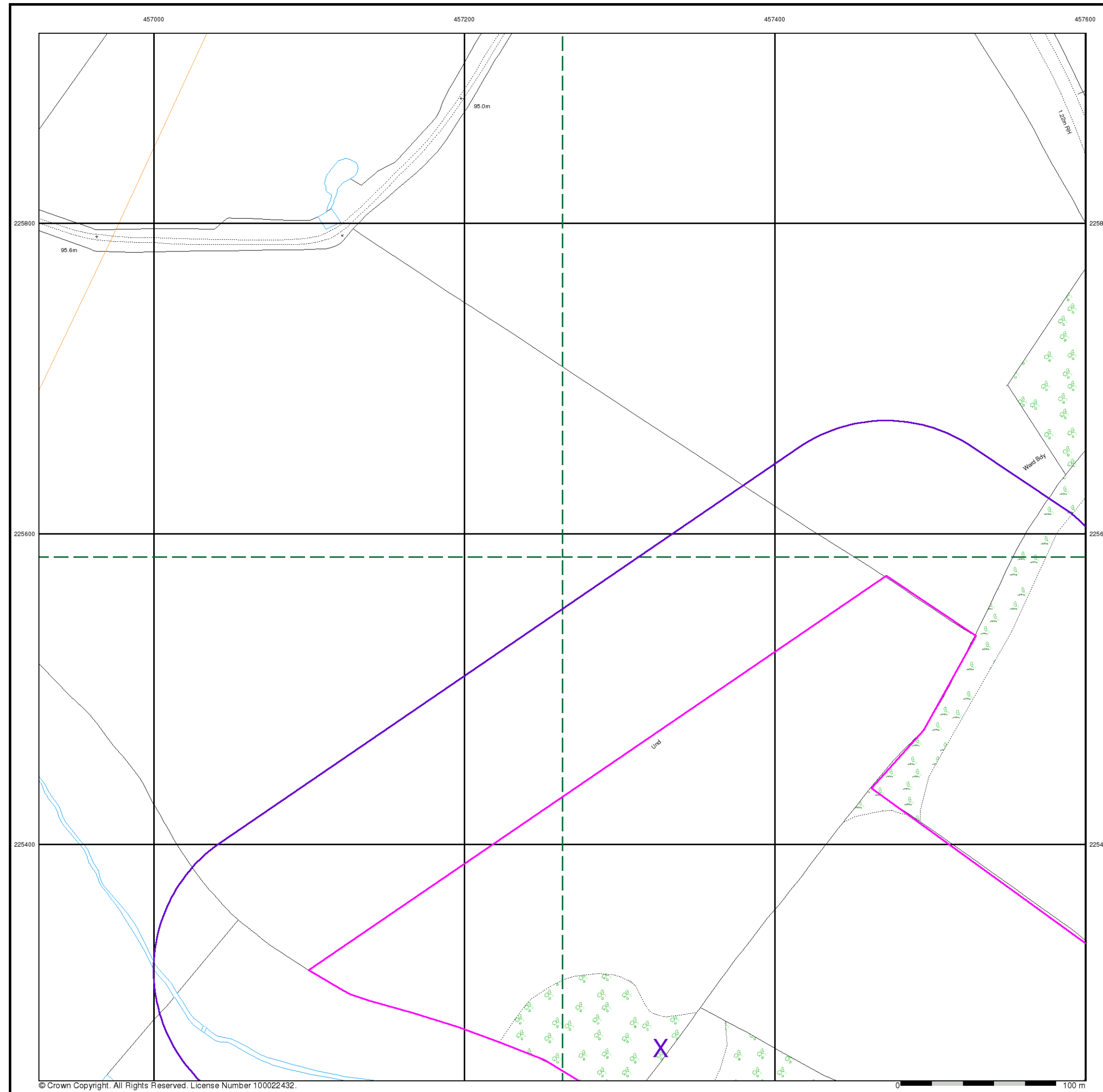
## Site Sensitivity Map - Segment A8



**Order Details**

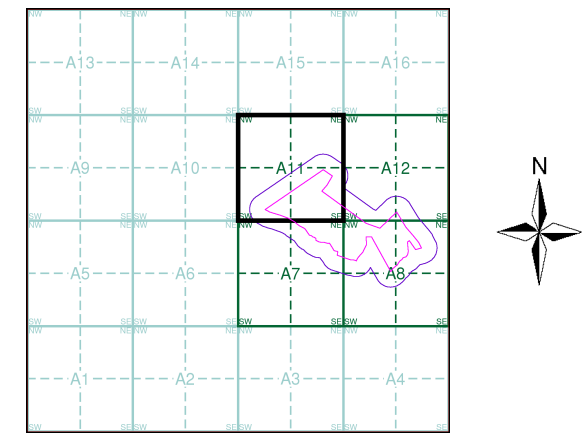
Order Number: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Plot Buffer (m): 100

**Site Details**  
 Site at 457550, 225210



- General**
- Specified Site
  - Specified Buffer(s)
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  - Integrated Pollution Prevention Control
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  - River Quality Sampling Point
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  - 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 A11**



**Order Details**

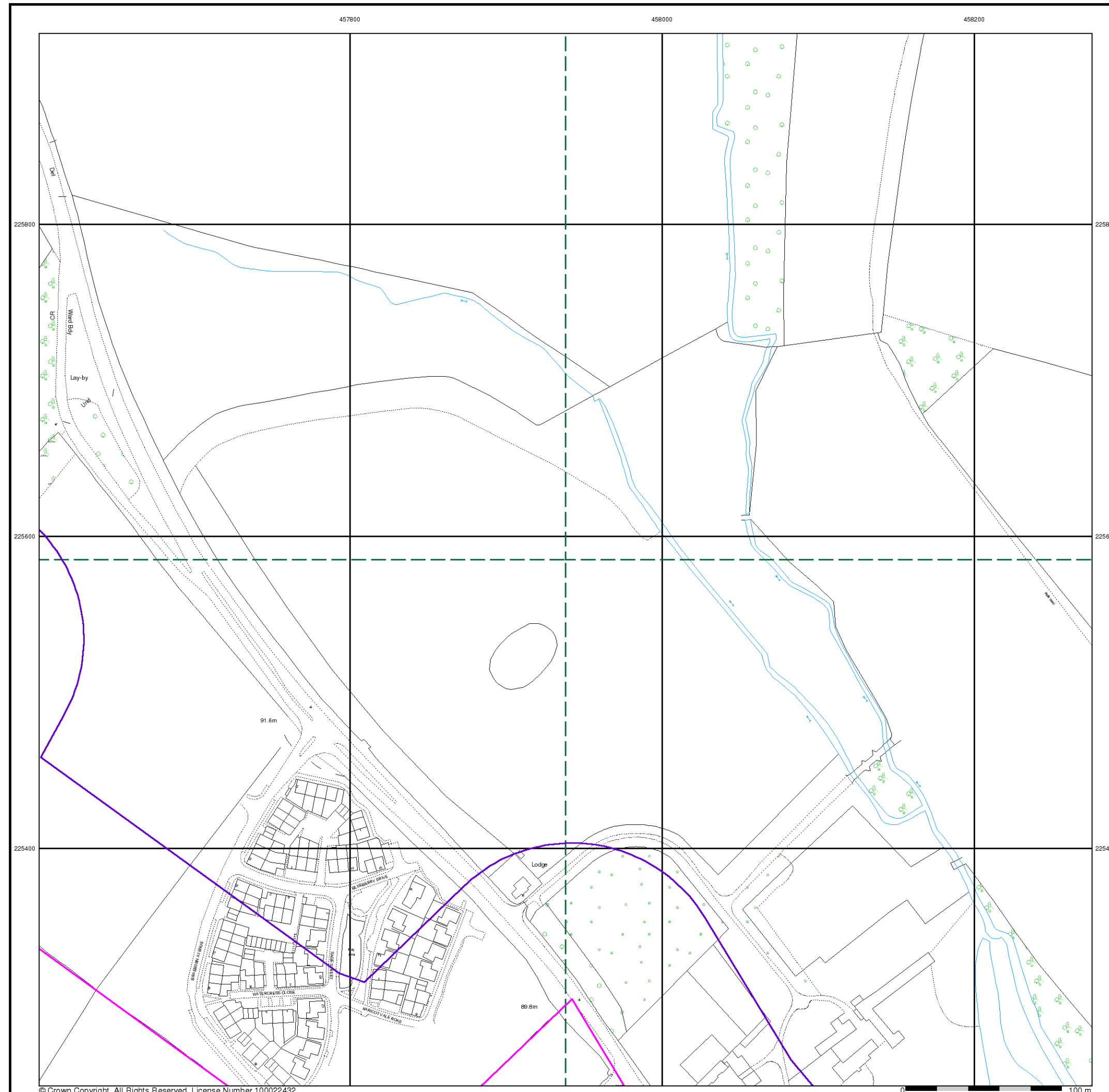
Order Number: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Plot Buffer (m): 100

**Site Details**

Site at 457550, 225210

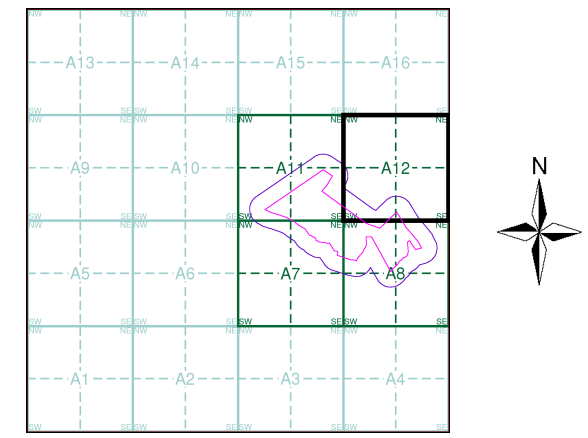
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - 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
- 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
  - 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 A12

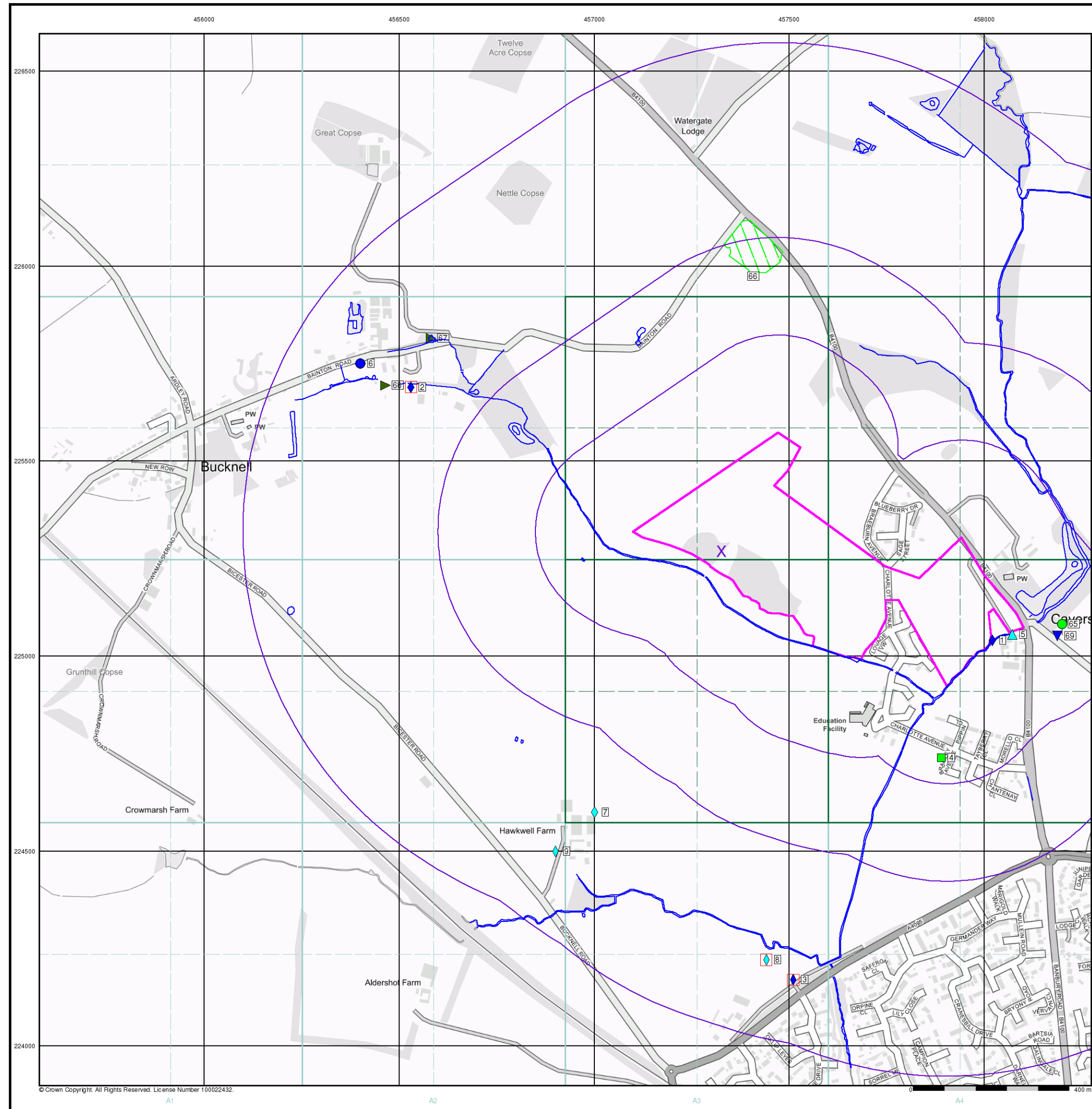


**Order Details**

Order Number: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Plot Buffer (m): 100

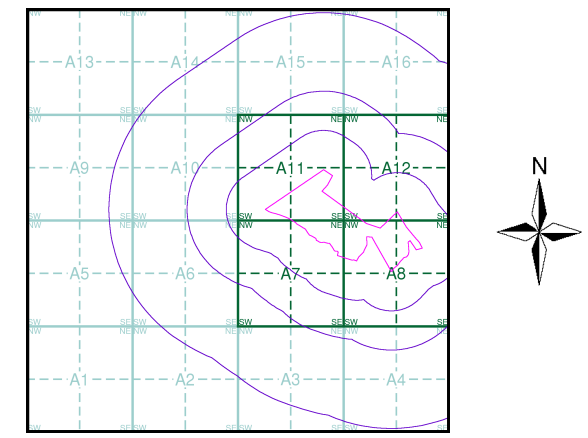
**Site Details**  
 Site at 457550, 225210

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- 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
  - 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
- 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: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

**Site Details**  
 Site at 457550, 225210



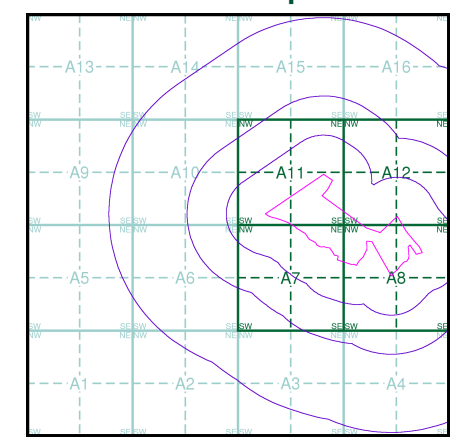


# Hydrock

## 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: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

**Site Details**  
 Site at 457550, 225210



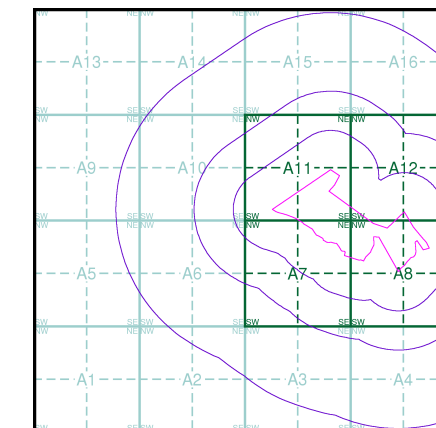
### General

- 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: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

### Site Details

Site at 457550, 225210



## General

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

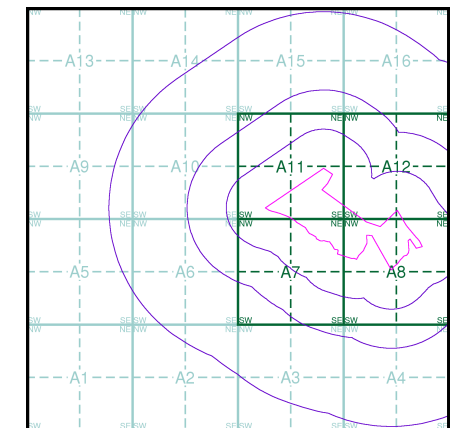
## Agency and Hydrological (Boreholes)

- 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

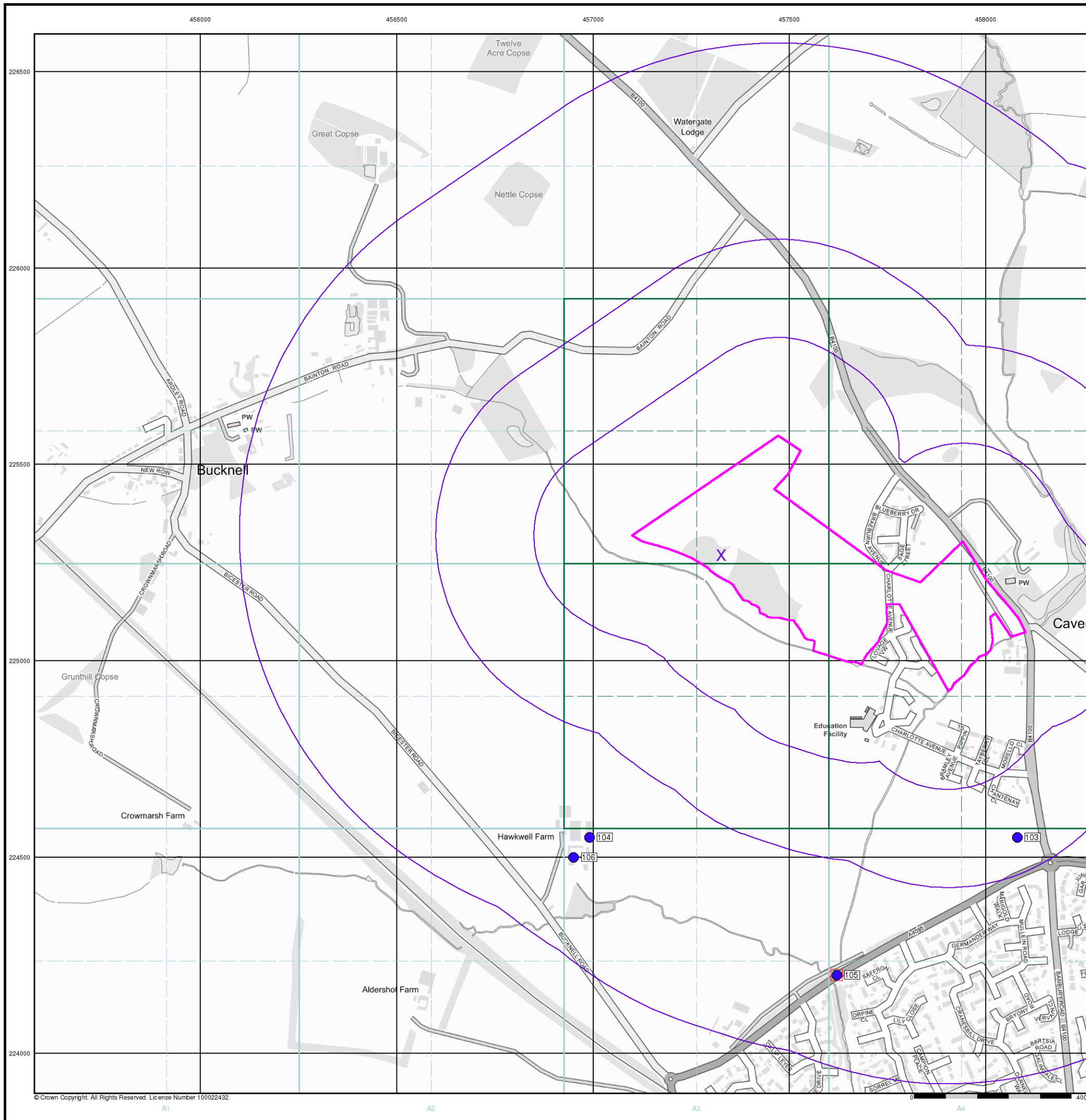


## Order Details

Order Number: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

## Site Details

Site at 457550, 225210



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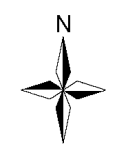
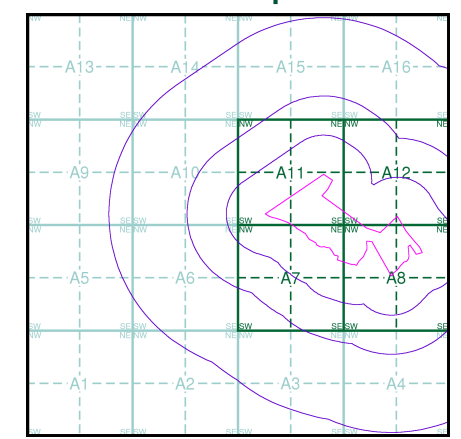
# Hydrock

- 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 105 100 95
- Master Contour 105 100 95
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

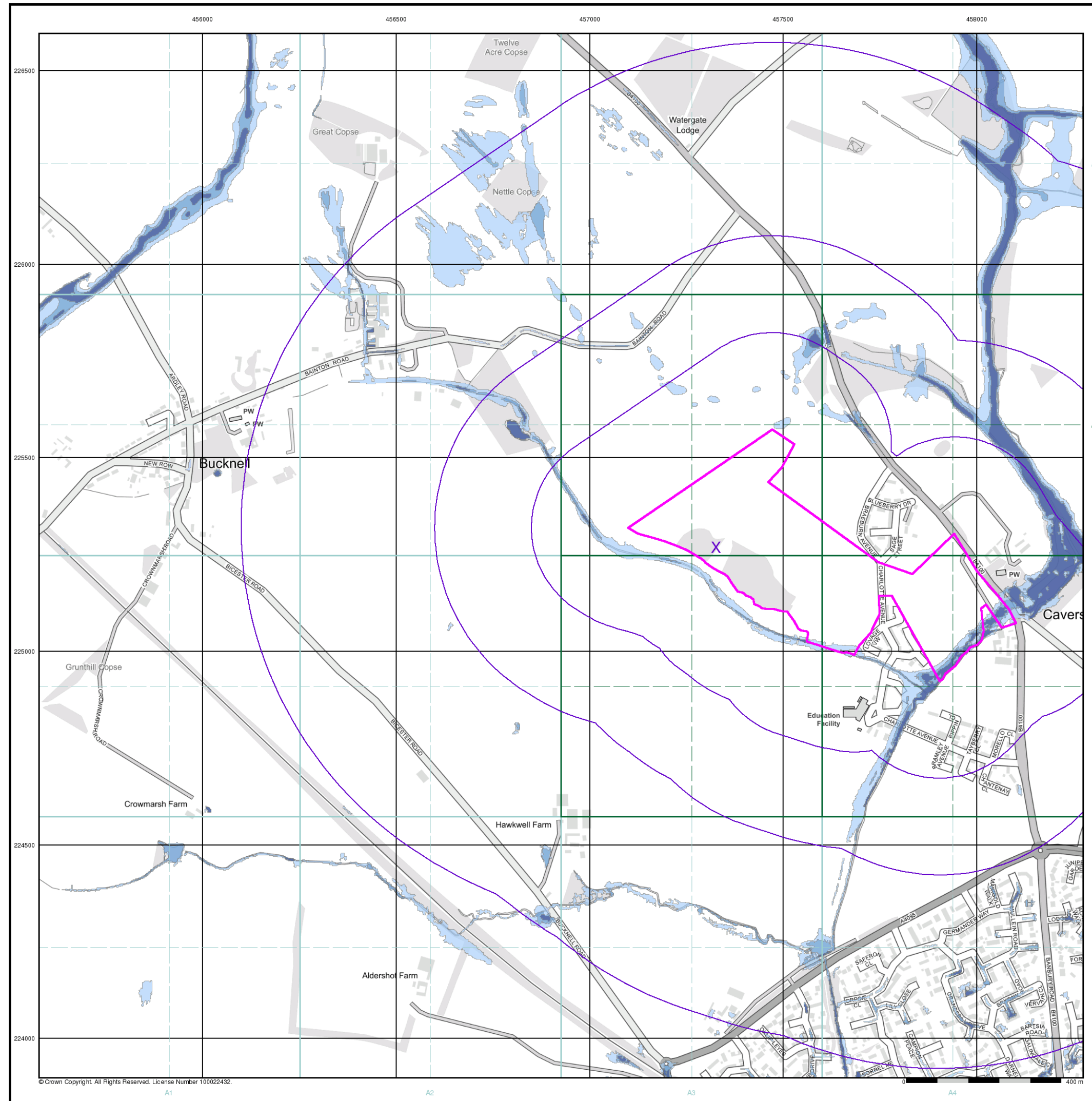
**OS Water Network Map - Slice A**



**Order Details**

Order Number: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

**Site Details**  
 Site at 457550, 225210



### General

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

### Risk of Flooding from Surface Water

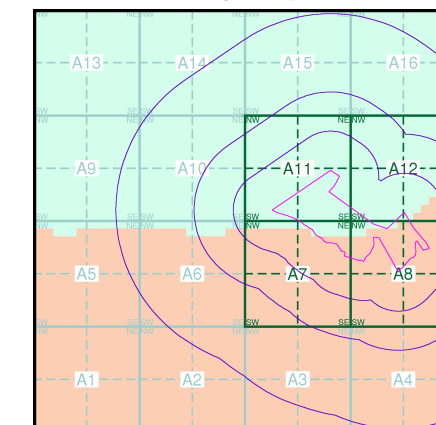
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

### 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: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

### Site Details

Site at 457550, 225210

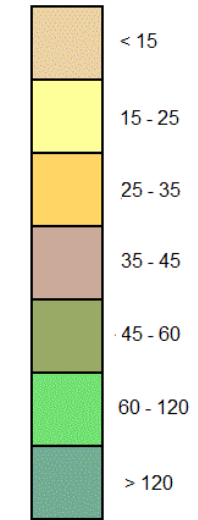


## General

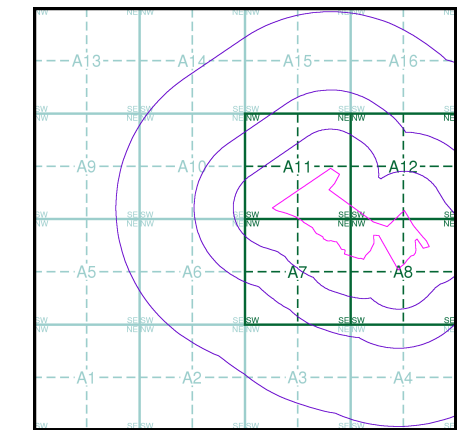
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

## Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



## Estimated Soil Chemistry Arsenic - Slice A

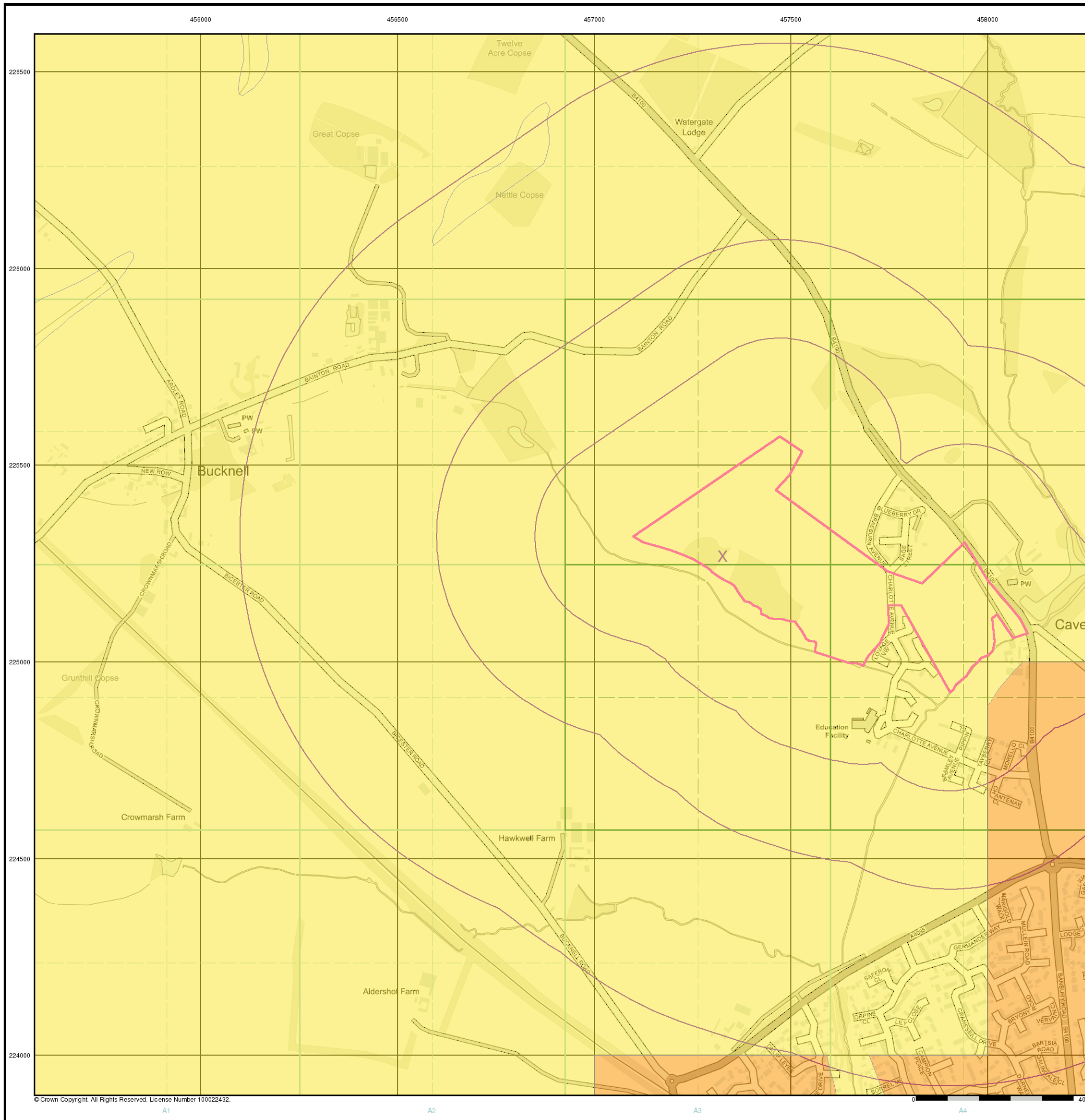


## Order Details

Order Details: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

## Site Details

Site at 457550, 225210



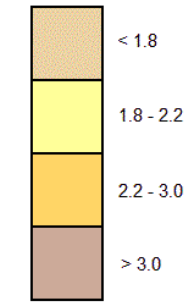
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## General

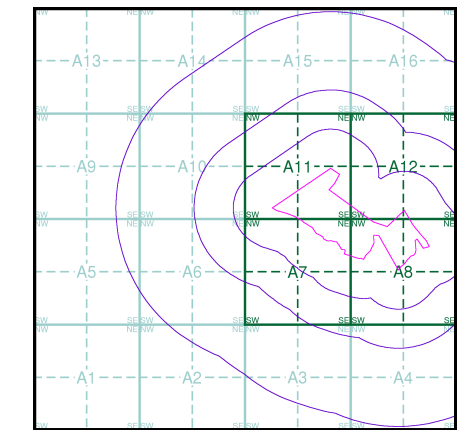
○ Specified Site    
 ○ Specified Buffer(s)    
 X Bearing Reference Point

## Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



## Estimated Soil Chemistry Cadmium - Slice A

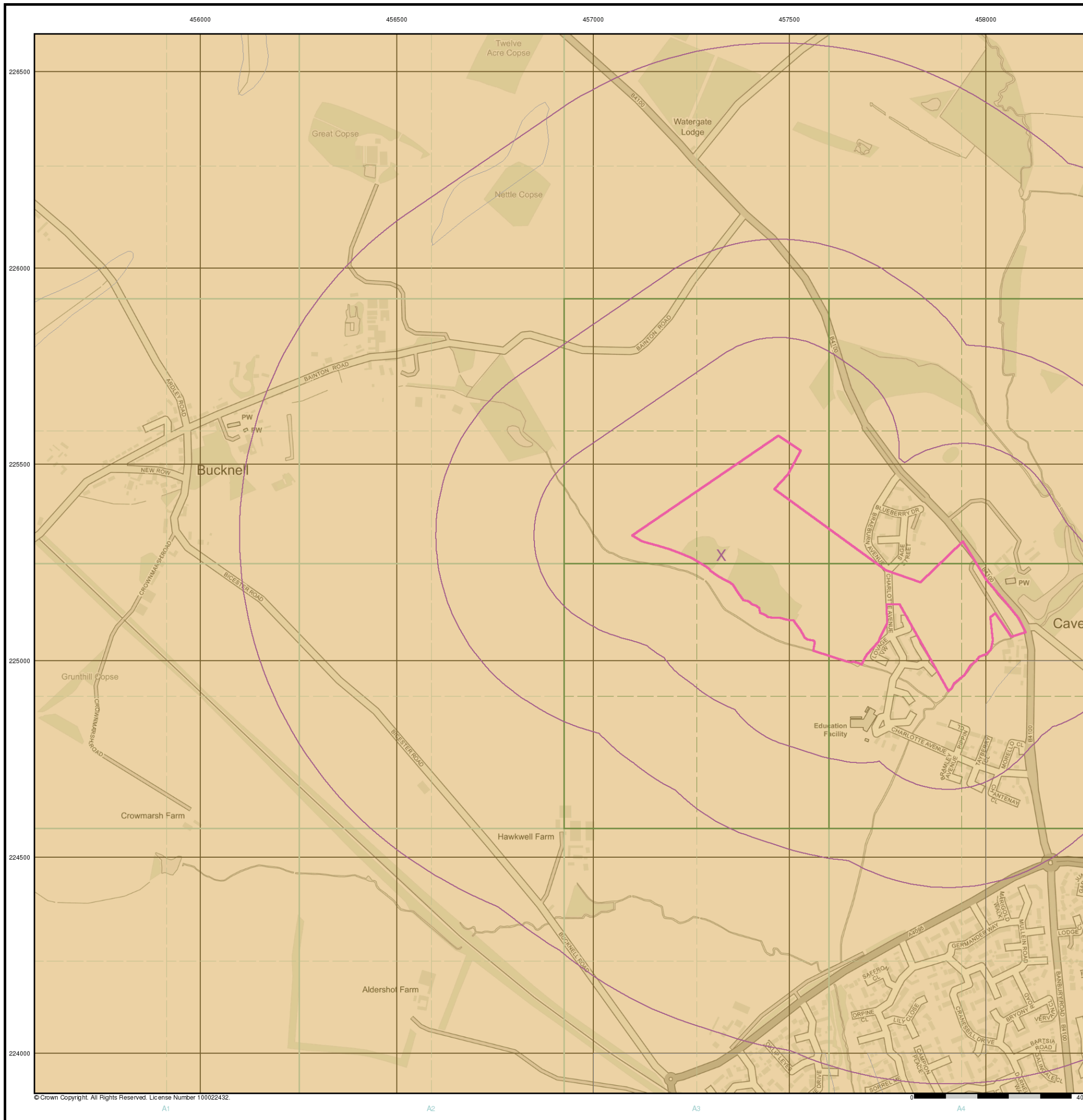


## Order Details

Order Details: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

## Site Details

Site at 457550, 225210



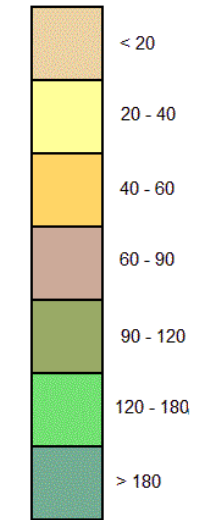


## General

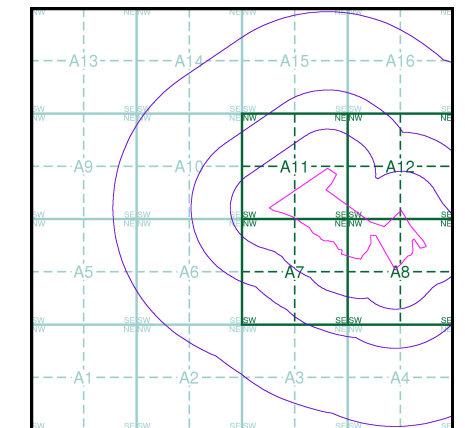
- ✱ Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

## Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



## Estimated Soil Chemistry Chromium - Slice A

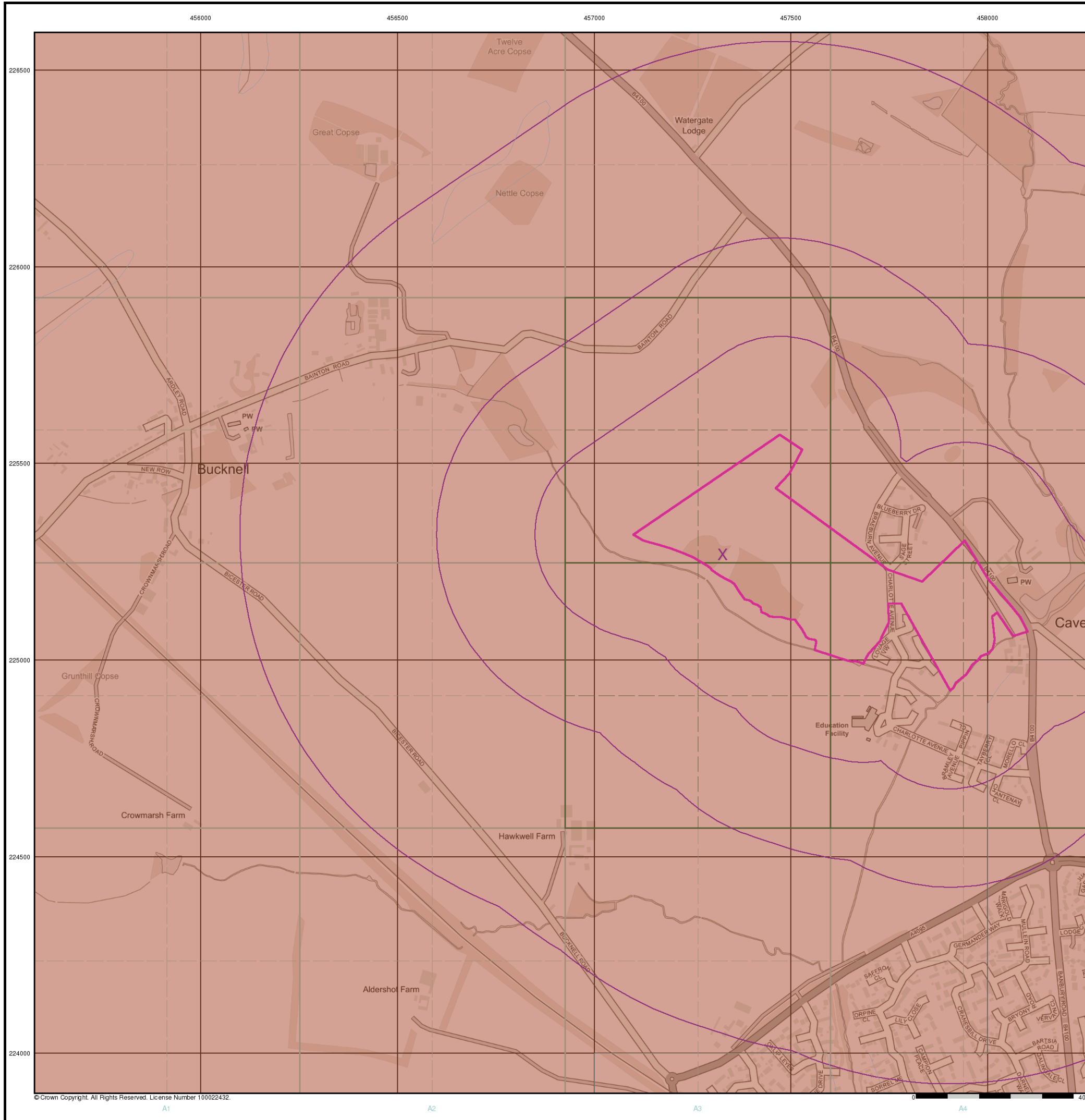


## Order Details

Order Details: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

## Site Details

Site at 457550, 225210

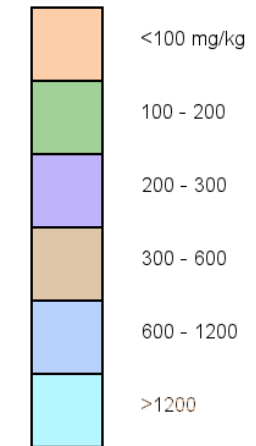


## General

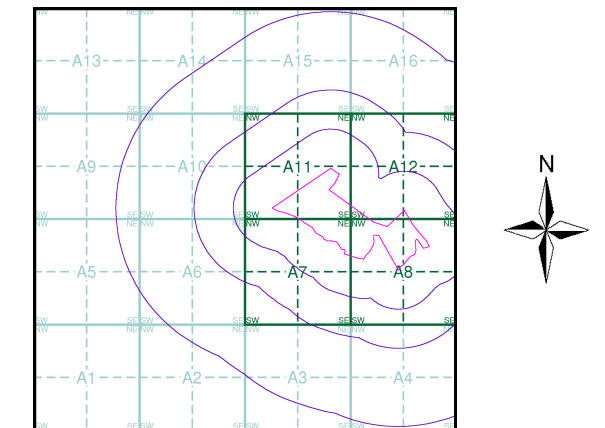
✱ Specified Site    
 ○ Specified Buffer(s)    
 ✕ Bearing Reference Point

## Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



## Estimated Soil Chemistry Lead - Slice A

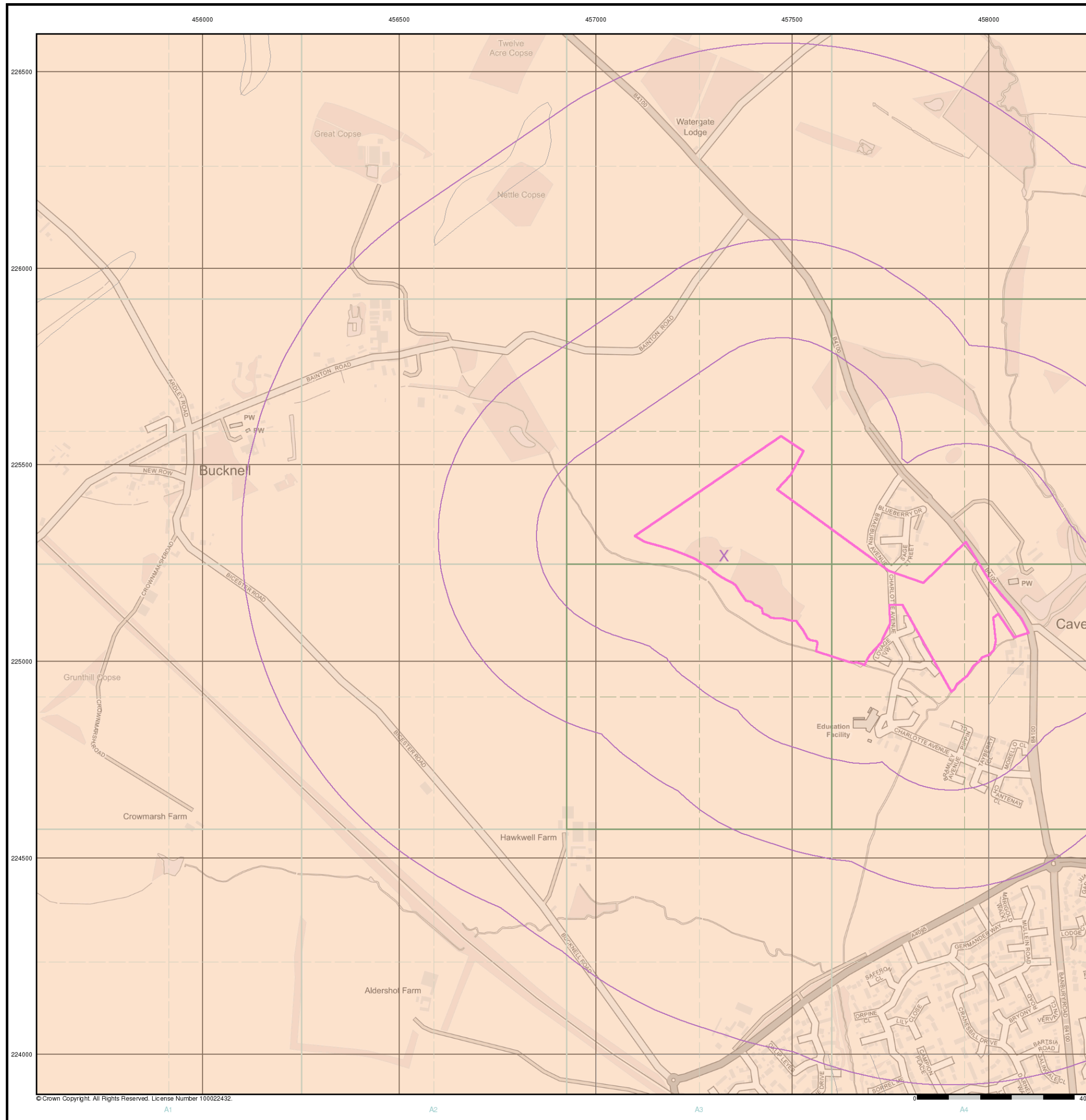


## Order Details

Order Details: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000




## Site Details

Site at 457550, 225210



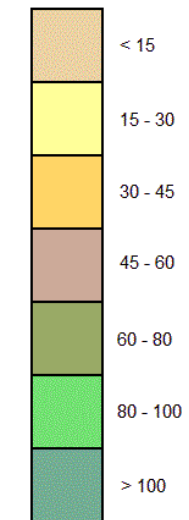


### General

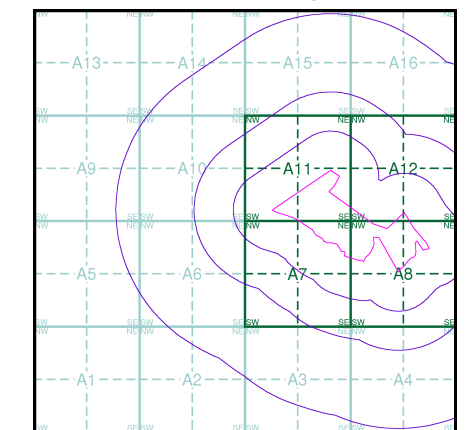
-  Specified Site
-  Specified Buffer(s)
-  Bearing Reference Point

### Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



### Estimated Soil Chemistry Nickel - Slice A



### Order Details

Order Details: 256166977\_1\_1  
 Customer Ref: 13603 NW Bicester Combined  
 National Grid Reference: 457330, 225270  
 Slice: A  
 Site Area (Ha): 22.77  
 Search Buffer (m): 1000

### Site Details

Site at 457550, 225210

