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PHASE 1: DESK TOP STUDY & COAL MINING RISK ASSESSMENT REPORT.

HACE (UK) LIMITED

LAND & BUILDINGS BETWEEN BACK LAND AND GARDEN HOUSE CLOSE MONK BRETTON BARNSLEY S71 2ED

Project No: 18-013

Prepared By: Sean Barrett
Date: 22nd August 2018

Approved By: Kevin Moir
Date: 22nd August 2018

The information and/or advice contained in this Phase 1: Desk Top Study & Coal Mining Risk Assessment report is based solely on, and is limited to, the boundaries of the site, the immediate area around the site, and the historical use(s) unless otherwise stated. This 'Report' has been prepared in order to collate information relating to the physical, environmental and industrial setting of the site, and to highlight, where possible, the likely problems that might be encountered when considering the future development of this site for the proposed end use. All comments, opinions, diagrams, cross sections and/or sketches contained within the report, and/or any configuration of the findings is conjectural and given for guidance only and confirmation of the anticipated ground conditions should be considered before development proceeds. Agreement for the use or copying of this report by any Third Party must be obtained in writing from Arc Environmental Limited (ARC). If a change in the proposed land use is envisaged, then a reassessment of the site should be carried out.

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1.0 Introduction August 2018

Arc Environmental Limited (ARC) were commissioned by Farrar Bamforth Associates Limited, on behalf of HACE (UK) Limited, to undertake a Phase 1: Desk Top Study Report to facilitate a proposed residential development on a disused care home, vacant farm and attached agricultural field identified as 'Land and Buildings between Back Lane and Garden House Close' in Monk Bretton, Barnsley. The proposed development is understood to comprise the construction of several Cul-de-Sacs of residential properties with associated private gardens, soft landscaping, car parking and hardstanding.

The primary objectives of this report is to assess the geological and contaminated land conditions on, and beneath the surface of this site. This Phase 1: Desk Top Study & Coal Mining Risk Assessment Report has been carried out generally in accordance with CLR11: Model Procedures for the Management of Land Contamination and based on all of the data reviewed, a Conceptual Site Model (CSM) has been developed to help define the scope and extent of any further investigation works deemed necessary, prior to commencing with any future development works. A site visit was completed as part of this report with site photographs included within Appendix I, and all relevant observations have been noted in Section 2.1 below.

To assist with the desk top study and to accurately assess the information provided the site will be split into three sections as outlined below:

A- The former Care Home and surrounding land, to the west of the site,
B- The farm in the centre of the site
C- An open agricultural field, to the east of the site.

2.0 Physical Setting

Table 2.1 below provides a summary of the site details and information obtained from the site reconnaissance (site visit) survey.

2.1 Site Details / Reconnaissance Survey:

Table 2.1

Site Name & Address:	Land & Buildings between Back Lane and Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB.
Grid Reference:	436280, 408050 (representative for the centre of the site).
Description of Location:	The site is situated in the centre of the village of Monk Bretton, a suburb to the north of Barnsley in Yorkshire.
Site Boundaries:	N, E, S, & W = residential properties with sporadic public open spaces.
Site Shape:	The site comprises 2 irregular areas of land straddling Back Lane and occupies a total area of c.1.82 Hectares.
Current Site Structures & Uses:	Area A:- The site is a disused care home with associated soft landscaping and hardstanding. There are retaining walls c.0.75m high on the western and southern site boundaries with a graded slope up to road level (Back Lane). Area B:- This is currently used as a livestock farm for pigs, geese and goats. Area C:- This is currently a grassed field previously used for grazing.
Above Ground structures	Area A is occupied by the former Belmont Care Home with ancillary buildings. Area B is occupied by a collection of barns and farm buildings including a water tank.
Below Ground structures	The former care home comprises a Cellar Plant Room beneath its south western corner (indicated by the client)
Development Details:	The proposed development is understood to comprise the construction of several cul-de-sacs of residential properties with associated private gardens, soft landscaping, car parking and hardstanding.

N=North, E=East, S=South and W=West.

2.0 Physical Setting (Cont'd)

2.1 Site Details / Reconnaissance Survey (Cont'd):

Table 2.1 (Cont'd)

General Topography (AOD) Levels:	Area A:- the former care home site was noted as being generally level in the area surrounding the building. The rest of the area consists of retained graded slopes and retaining walls. The slopes are at angles c.30° to 40°. Areas B and C: the farm area and the field were noted to slope toward the north of the site with a steeper slope at the southern field boundary adjacent to the footpath of Back Lane.
Retaining Structures	In area A, retaining structures comprising a graded slope with a c.0.75-c.1.00m high retaining wall at the base. There is also a retaining wall present at the rear of Walkers Terrace, estimated to be at least c.1.50m high.
Summary of Historical Site Information	Historically, areas B and C have been a farm and attached grazing field since c. 1854, undergoing little development until the present day. By contrast Area A is initially recorded as being partially occupied by Walker Terrace and Oxley Terrace from c.1894. By 1965 Oxley Terrace is no longer recorded and the Belmont Care Home has been constructed on area A with no significant changes until the present day.
Site Surfacing:	Area A and Area B are surfaced in a mixture of grass, tarmac and concrete. Area C is heavily overgrown with a mixture of grass and rough vegetation.
Walkover Observations/Additional Information:	There was evidence of potential Asbestos Containing materials present both in the former care home and the farm outbuildings notably within roofing and plaster materials but may also be within any ducts or pipes present on site It is understood that the client is aware of this and will be remediating any ACMs during demolition and site clearance works. The farm contained a tank which may have been used for water storage. There was no evidence of contamination or staining present in the immediate surrounding area. The farm contained a variety of animals including geese, pigs and goats. Additionally, no standing water was noted on site.

3.0 Environmental Setting

3.1 Site Geology:

The geological assessment for this site has been based on geological plans and digital online data published by the British Geological Survey (BGS). The following document has been reviewed as part of this study:

- BGS Sheet 87, Barnsley, Solid & Drift Edition, 1:50,000 Series.
- BGS Borehole records SE30NE58/B and SE30NE58/C (Trial Pit)- located c.25m west of the site (included in Appendix III).

3.1.1 Made Ground:

In accordance with published BGS maps, significant thicknesses of made ground is not recorded to be present on the site. However, from the site reconnaissance walkover and historical information, made ground is anticipated to be encountered on site around and beneath the former care home (Section A) and the farm area (Section B).

3.0 Environmental Setting (Cont'd)

3.1 Site Geology(Cont'd):

3.1.2 Superficial Deposits:

In accordance with published BGS maps, no superficial deposits are recorded to be present on site. However, nearby BSG borehole, SE30NE58/C indicates that c.1.85m of completely weathered rock are recorded adjacent to the site.

3.1.3 Solid Geology:

According to published BGS maps, the underlying bedrock deposits are shown to consist of the Oakes Rock Sandstone, part of the Middle Coal Measures (MCM), which were deposited during the Period of the Earth's history known as the Carboniferous, typically comprising sandstone deposits.

3.2 Coal Mining Risk Assessment:-

According to the Coal Authority (CA) Interactive Map, this area lies within a Coal Mining Reporting Area and therefore a CA Consultants Coal Mining Report (reference no.: 51001877678001) has been obtained. The site is not within a Development High Risk Area (DHRA).

The Consultants Coal Mining Report concludes that the Coal Authority hold records relating to known coal workings below the site area within the Winter Coal Seam at a depth of c.103m beneath the site with a recorded extraction thickness of 1.22m, last worked in 1957. Due to the depth of the underlying workings and amount of cover these are felt to not pose a risk to the site. The CA Consultants Report also indicates that there are records of Mine Gas Emissions located c.71m to the south and c.488m to the north. There is also a subsidence claim located within c.50m of the site, on an area indicated by the BGS as artificial ground.

In addition, there are no recorded open cast coal mining activities, however reserves of coal do exist within the local area at significant depth which could be worked at some point in the future.

The site is underlain by the Oakes Rock Sandstone, with the closest coal seam dipping below the site being the Newhall (Steam) Coal (**N**) which outcropping c.620m to the northwest of the site. This seam is noted to be at least c.30m below the base of Oakes Rock with a maximum seam thickness of between c.0.00m and c.3.00m. The conventional acceptable minimum rock cover ratio of 1:10, which is commonly taken as "safe" conditions in accordance with CIRIA Special Publication 32 – Construction over abandoned mine workings. There is at least c.30m of competent rock between the base of the Oakes Rock Sandstone and the Newhall (Steam) Coal and as such the risk posed by the seam is negligible.

However, due to the nearby Mine Gas Emissions, noted by the CA, a regime of gas/groundwater monitoring is recommended to be undertaken to assess any risks posed to proposed development.

3.3 Site Hydrogeology:-

Groundwater Vulnerability:	Soils of a High Leaching Potential.	Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) is assumed, until proven otherwise.

3.0 Environmental Setting (Cont'd)

3.3 Site Hydrogeology (Cont'd):-

Table 3.1 (Cont'd)

HYDROGEOLOGY	Aquifer / Soil Leachability EA Classification	Comments
Superficial Aquifer:	Not present on site.	~
Bedrock Aquifer: (Middle Coal Measures)	Secondary Aquifer - A	These comprise permeable layers that can support local water supplies and may form an important source of base flow to rivers.

- The site does not lie within c.500m of a Source Protection Zone (SPZ).
- There are no Water Abstractions recorded within 250m of the site.
- A continuous shallow groundwater surface (water table) is not anticipated but may be present within the solid geology underlying the site at depth.

3.4 Site Hydrology:

Table 3.2

SURFACE WATER FEATURE	Location	Comments
GQA Classified River Data	None recorded within c.250m.	~
Watercourse(s), Canals, Ponds & Lakes	One recorded within c.250m.	The closest surface water feature is an inland river, recorded c.238m south west of the site.
Fluvial & Tidal Flooding	On site.	The site and surrounding area is considered to lie wholly within a Zone 1 (low risk) Flood Zone.
Surface Water Flooding	The maps published for the site area records no risk with a low (1000 year returns) bisecting the northern portion of the site from west to east.	The EA has published maps which show the risk of surface water flooding, in addition to maps showing the risk of flooding from rivers, the sea and reservoirs. Surface water flooding happens when rainwater does not drain away through the normal drainage systems or soak into the ground but lies on or flows over the ground.
Site Walkover	On site.	No standing water was noted during the site walkover
RAINFALL	**Measurements (mm)**	**Comments**
Annual	834.6	Based on nearest 'station average' records at Sheffield Cdl recorded from 1981 – 2010.
Precipitation, Dec	86.7	
Precipitation, May	53.8	

3.5 Radon Assessment:-

The site is recorded within the Envirocheck, to lie in an intermediate probability radon area, as between 1% and 3% of homes are above the action level, in accordance with the BGS, National Geoscience Information Service, and their assessment suggests that no radon protection measures are necessary for the site.However, this does not correspond with the BRE Digest, BR211 (2015) Radon: Guidance on Protective Measures for New Buildings, where the site is situated within a lightly shaded grid square (1km^2 indicating basic radon protection measures would be required). Therefore, a site specific Radon Risk Report has been obtained for the site, a copy of which is attached in Appendix II. This report concludes that no radon protective measures are required for the site.

3.0 Environmental Setting (Cont'd)

3.6 Site Ecology:-

There are no sensitive land uses, for example, Ancient Woodlands, Adopted Green Belt, National Parks, Areas of Outstanding Natural Beauty, Sites of Special Scientific Interest, Local Nature Reserves, etc. within c.250m of the site.

There was no visual evidence to suggest the site is affected by the presence of invasive weed species (i.e. Japanese Knotweed, Giant Hogweed or Himalayan Balsam) during the site reconnaissance survey however a detailed invasive weed survey has not been carried out. Site awareness during any construction works should be made with respect to potential invasive weed species.

3.7 Estimated Soil Chemistry:-

Data provided by the BGS in relation to estimated soil chemistry for a number of key metals and metalloid elements are summarised in Table 3.3 below.

Table 3.3

Element	Location	Estimated Soil Concentrations (mg/kg)
Arsenic	On site	15-25
Cadmium	On site	<1.8
Chromium (total)	On site	60-90
Lead	On site	<100
Nickel	On site	15-30

Note; the references to the anticipated background concentrations of contaminants, sourced from the BGS, should not be relied upon. They are not site-specific and do not represent the condition of the ground at the proposed development site.

4.0 Industrial Setting:

4.1 Site History:-

Copies of OS maps covering the site and adjacent land are included in Appendix II, and a summary of the history based on these maps is given in Table 4.1 below and continuing on the following page:

Table 4.1

Date	Site	Adjacent Areas
c.1854 – c.1855	The site is recorded as open agricultural land with an area of woodland to the centre and north east of the site.	The site is situated to the north of the village of Monk Bretton.
c.1892 – c.1894	Walker Terrace is recorded in the centre of the site with additional buildings to the south of the site. Oxley Terrace is recorded encroaching on the north west of the site	**Wells** are c.40m and c.60m east and north respectively of the site.
c.1906	A building is recorded on the southern portion of the site, possibly a stables/barn structure associated with the farm.	No significant changes.
c.1907 – c.1930	No significant changes.	No significant changes.

Significant features / potential contamination sources highlighted in **bold.**

4.0 Industrial Setting (Cont'd):

4.1 Site History (Cont'd):-

Table 4.1 (Cont'd)

Date	Site	Adjacent Areas
c.1931 – c.1938	The building to the south is no longer recorded, however a new barn is recorded in the centre of the site. To the north of the site, new field boundaries are indicated suggesting plots or small fields.	No significant changes.
c.1939 – c. 1960	No significant changes.	No significant changes.
c.1961 – c.1962	The farm is recorded as Garden House Farm.	No significant changes.
c.1965-c.1968	Oxley Terrace is no longer recorded, with Belmont Care Home recorded on the western portion of the site. No significant changes to the eastern or central parts of the site.	New residential properties are constructed along Garden House Close to the north.
c.1969 – c.1998	No significant changes.	No significant changes.
c.1999	No significant changes.	A **covered reservoir** is recorded c. 200m to the west of the site.
c.2000- c.2017	No significant changes.	No significant changes.
c.2018	The western portion of the site is occupied by the derelict former Belmont Care Home, with the central portion being used as Garden House Farm and the eastern portion an agricultural field.	No significant changes.

Significant features / potential contamination sources highlighted in **bold.**

4.2 Landfill & Waste:-

The following information relating to Landfill and Waste has been obtained from the Envirocheck Report (attached in Appendix II);

- There are two recorded Historical Landfill Site, recorded c. 174m northwest of the site, with 'deposited waste of inert, industrial and commercial waste' and 232m southwest of the site, with 'deposited waste including inert and commercial waste. These are also recorded as Local Authority Recorded Landfill Sites.
- There are no active BGS Recorded Landfill Sites, Waste Management sites or Waste Transfer Sites recorded within c.250m of the site.
- Nearby Mine Gas Emissions have been noted by the CA, therefore a regime of gas/groundwater monitoring is recommended to be undertaken to assess any risks posed to proposed development.

Taking into account the details above, the site is considered to not be at risk from ground gas generation/migration. However, the site is potentially at risk from mine gas migration (as outlined in section 3.2: Coal Mining Risk Assessment). Therefore, it is recommended that gas monitoring in accordance with CIRA C665 is carried out to confirm the level of risk to the proposed development on the site.

4.0 Industrial Setting (Cont'd):

4.3 Statutory Requirements / Authorisations:-

Table 4.3

TYPE	Location	Comments
Integrated Pollution Control	None recorded within c.250m.	~
Pollution Prevention and Controls	None recorded within c.250m.	~
Registered Radioactive Substances	None recorded within c.250m.	~
Prosecutions Relating to Authorised Processes	None recorded within c.250m.	~
Enforcement and Prohibition Notices	None recorded within c.250m.	~
Planning Hazardous Substances Consents / Enforcements	Nineteen recorded within c.250m.	Nearest active recorded entry is c.221m northeast of the site.
COMAH/NIHHS/Explosive Sites	None recorded within c.250m.	~
Contemporary Trade Entries	Two active and four inactive recorded within c.250m.	Nearest recorded active entry is c.161m south east of the site for refrigerator repairs.
Points of Interest – Commercial Services	Six recorded within c.250m.	Nearest recorded entry is c.69m east of the site for vehicle cleaning services.
Fuel Station Entries	None recorded within c.250m	~

4.4 Pollution Incidents and Discharge Consents:-

Table 4.4

TYPE	Location	Comments
Discharge Consents	One recorded within c.250m.	Nearest recorded entry is c.203m south west of the site for a revoked trade discharge.
Water Industry Act Referrals	None recorded within c.250m.	~
Prosecutions Relating to Controlled Waters	None recorded within c.250m.	~
Pollution Incidents to Controlled Waters	None recorded within c.250m.	~
Substantiated Pollution Incident Register	None recorded within c.250m.	~

5.0 Conceptual Site Model (CSM)

The Conceptual Site Model (CSM) is one of the primary planning tools that can be used to support the decision-making process of managing contaminated land and groundwater on any given site and allows a better understanding of what needs to be done to achieve risk management, and from this appropriate remediation techniques, if required for those risk management goals, can be chosen. This can be done by undertaking a source-pathway-receptor analysis of the site. The anticipated sources, pathways and receptors for this site are summarised in Table 5.1 on the following page.

5.0 Conceptual Site Model (CSM) (Cont'd)

A graphical representation of the CSM has been produced for this site and can be seen attached in Appendix IV, which sets out the critical pollutant linkages of concern for this particular site, with regard to contamination.

Table 5.1

	Sources (S)
S1	Anticipated made ground present on site.
S2	Potential mine gas migration associated with the nearby recorded Coal Authority emissions.
S3	Potential Asbestos Containing Materials (ACMs) present within existing buildings and services present on site.

	Pathways (P)
P1	Ingestion/ dermal contact.
P2	Inhalation of indoor / outdoor air.
P3	Plant uptake and attached soils.
P4	Migration through existing services Direct contact with building materials.
P5	Surface run off.
P6	Surface run off and ingestion.

	Receptors (R)
R1	Human health (End users and construction workers)
R2	Groundwater below the site is anticipated to be at depth within the underlying solid geology, designated as a Secondary Aquifer- A.
R3	Building materials*.
R4	Adjacent sites.
R5	Flora and fauna*.

* = Not included in the Human Health & Controlled Waters Risk Assessment.

5.1 Geotechnical Considerations:-

The following potential geotechnical issues and hazards have been identified for this site and the proposed development works, and these issues should be considered before future development of the site takes place.

- Type, condition and thickness of made ground present over the site.
- Geotechnical parameters of the underlying natural strata and depth to suitable bearing strata across the site, particularly with respect to the design of foundations and associated infrastructure.
- Control of surface drainage – SUDs is unlikely to be suitable due to the cohesive nature of the underlying strata.
- Stability of excavations, where loose made ground/granular materials are encountered.
- The presence of active and/or current services which may exist below the site area.
- Sloping site may require retaining structures or engineered slopes.

In order to determine the geotechnical considerations above with more certainty, it is recommended that intrusive geotechnical investigation works are undertaken, specific to the requirements of the proposed development works.

The information reviewed indicates that the site can be considered as being located within a located within a **LOW** geotechnical risk setting.

5.0 Conceptual Site Model (CSM) (Cont'd)

5.2 Sources of Contamination and Probable Contaminants:-

The OS maps, the Landmark Information Group Envirocheck Report and other environmental information revealed that historically areas B and C have been a farm and attached grazing field since c. 1854, undergoing little development until the present day. By contrast Area A is initially recorded as being partially occupied by Walker Terrace and Oxley terrace from c.1894. By 1965 Oxley terrace is no longer recorded and the Belmont Care Home has been constructed on area A with no significant changes until the present day.

Considering the above, potential on-site contaminative issues have been identified for this site, as listed below:-

- Anticipated made ground present on site.
- Potential mine gas migration associated with the nearby recorded coal authority emissions.
- Potential Asbestos Containing Materials (ACMs) present within existing buildings and services present on site.

It is therefore concluded that ground contamination screening will need to be incorporated into the design of any future intrusive investigation works to confirm the risks posed towards Human Health (future end site users).

Laboratory testing should also be undertaken on representative samples taken from site for naturally aggressive chemicals which could have a detrimental effect on building materials (i.e. pH value and soluble sulphate, etc.).

Soils – Human Health:

In consideration of the above it would be prudent to test selected samples of soil from this site for a range of contaminants associated with the sites historic use, typically as listed below;

- Metals, typically comprising; Arsenic, Cadmium, Chromium (III & VI), Copper, Lead, Mercury, Nickel, Selenium, Zinc and Total Organic Carbon (TOC);
- pH and sulphate testing, for concrete foundation classification.
- Asbestos screening and quantification if fibres are encountered.
- Poly-Aromatic Hydrocarbons (PAHs) and Total Petroleum Hydrocarbons (TPHs) analysis particularly if 'ashy' material is encountered in the made ground (if present) and/or if there is any visual or olfactory evidence of fuels/oils or other wastes present in the ground.

Consideration may need to be given to the protection of service pipes for the proposed development if made ground deposits are encountered, and therefore a supplementary suite of contamination testing may be required in order to meet the requirements of the local utilities service provider for their pipe selection risk assessment (PSRA), once the location and depth of future service have been determined.

The information reviewed indicates that the site can be considered as being located within a **LOW** ground contamination risk setting for Human Health.

5.0 Conceptual Site Model (CSM) (Cont'd)

5.2 Sources of Contamination and Probable Contaminants (Cont'd):-

Groundwater / Leachate – Controlled Waters:-

The following factors have been taken into consideration when assessing the risks posed towards Controlled Waters;

- There are no Source Protection Zones (SPZ) or Water Abstractions within c.250m of the site.
- A shallow continuous groundwater surface (water table) is not anticipated due to the absence of superficial deposits.
- The solid geology below the site classified as a Secondary Aquifer - A.

The information reviewed indicates that the site can be considered to have a **LOW** ground contamination risk setting for Controlled Waters.

6.0 Recommendations For Ground Investigation Works

The conclusions contained within this report have been based on a review of geological plans, historical plans and available environmental data relating to the site and nearby adjacent land and forms the basis of a preliminary risk assessment. The primary benefits of undertaking this report are as follows;

(i) Identify the geotechnical and / or geoenvironmental characteristics of the ground in sufficient detail to enable economic design of the proposed building, construction or remedial works.
(ii) Minimise the risk of unforeseen ground conditions which might cause increased costs and / or programme (construction) delays at a later date.

Therefore, it is recommended that a programme of Phase 2: Ground Investigation (intrusive investigation) works are completed for this site, taking into account the different elements of the proposed development works, to provide an assessment of the geotechnical characteristics of the site. These intrusive investigation works should be completed prior to commencing with any future development works and should include for the following or a similar scope of investigation works;

- Undertake a series of boreholes, including in-situ geotechnical testing (SPT/Hand Vane testing) and sampling targeting the proposed new building footprints.
- Undertake a series of mechanically excavated trial pits across the whole development area to supplement the borehole data and to allow for appropriate in-situ geotechnical testing (Hand Vane & CBR testing) and sampling.
- Installation of gas and groundwater monitoring wells to assess the sites underlying gas and groundwater regime.
- Appropriate laboratory geotechnical testing on the deposits recovered within the boreholes and trial pits.
- Appropriate contamination screening on selected samples of soils.
- Site supervision and production of a Phase II: Ground Investigation Report
- Prior to the completion of any investigation works it would be prudent to obtain service information (i.e. gas, electricity, drainage, etc.).

6.0 Recommendations For Ground Investigation Works (Cont'd)

The samples of soil collected should be forwarded to UKAS and MCERTS accredited laboratory to undertake the recommended testing.

End of Report

GENERAL REFERENCES

- British Geological Survey: Maps, Reports, Memoirs, etc.
    - BGS Sheet 87, Barnsley, England and Wales, Solid & Drift Edition, 1:50,000 Series.
    - BGS Borehole records SE30NE58/B & C.
- Landmark Envirocheck Report (Reference No.:173947909_1_1).
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Science Report Final SC050021/SR2: Human Health Toxicological Assessment of Contaminants in Soils, 2009.
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- BS10175:2011+A2:2017: Investigation of Potentially Contaminated Sites – Code of Practice.
- BS8576:2013: Guidance on Investigations for Ground Gas, Permanent Gases and Volatile Organic Compounds (VOCs).
- BS5930:2015: Code of practice for site investigations. British Standards Institution.
- BRE Digest BR211 (2015): Radon: Guidance on Protective Measures for New Buildings.
- Guidance for the Safe Development of Housing on Land Affected by Contamination, R&D66, 2008 (NHBC, EA, CIEH).
- Methane and Associated Hazards to Construction - CIRIA Reports 149,150,151 & 152.
- Assessing Risks Posed by Hazardous Ground Gases to Buildings, CIRIA C665, 2007.
- BS 8485:2015: Code of practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings.
- CIRIA Report C624 'Development and flood risk – guidance for the construction industry' and Planning Policy Statement 25 (PPS25).
- Development on Land Affected by Contamination – YALPAG Technical Guidance for Developers, Landowners and Consultants, Version 9.2, March 2018.

APPENDIX I

Location Plan

Aerial Photograph

Existing Site Layout Plan

Proposed Development Layout

Site Photographic Record Sheets



Client:

HACE (UK) LIMITED

Project Title:	Drawing Title:
Land & Buildings Between Back Lane and Garden House Close Monk Bretton, Barnsley, S71 2ED	Location Plan

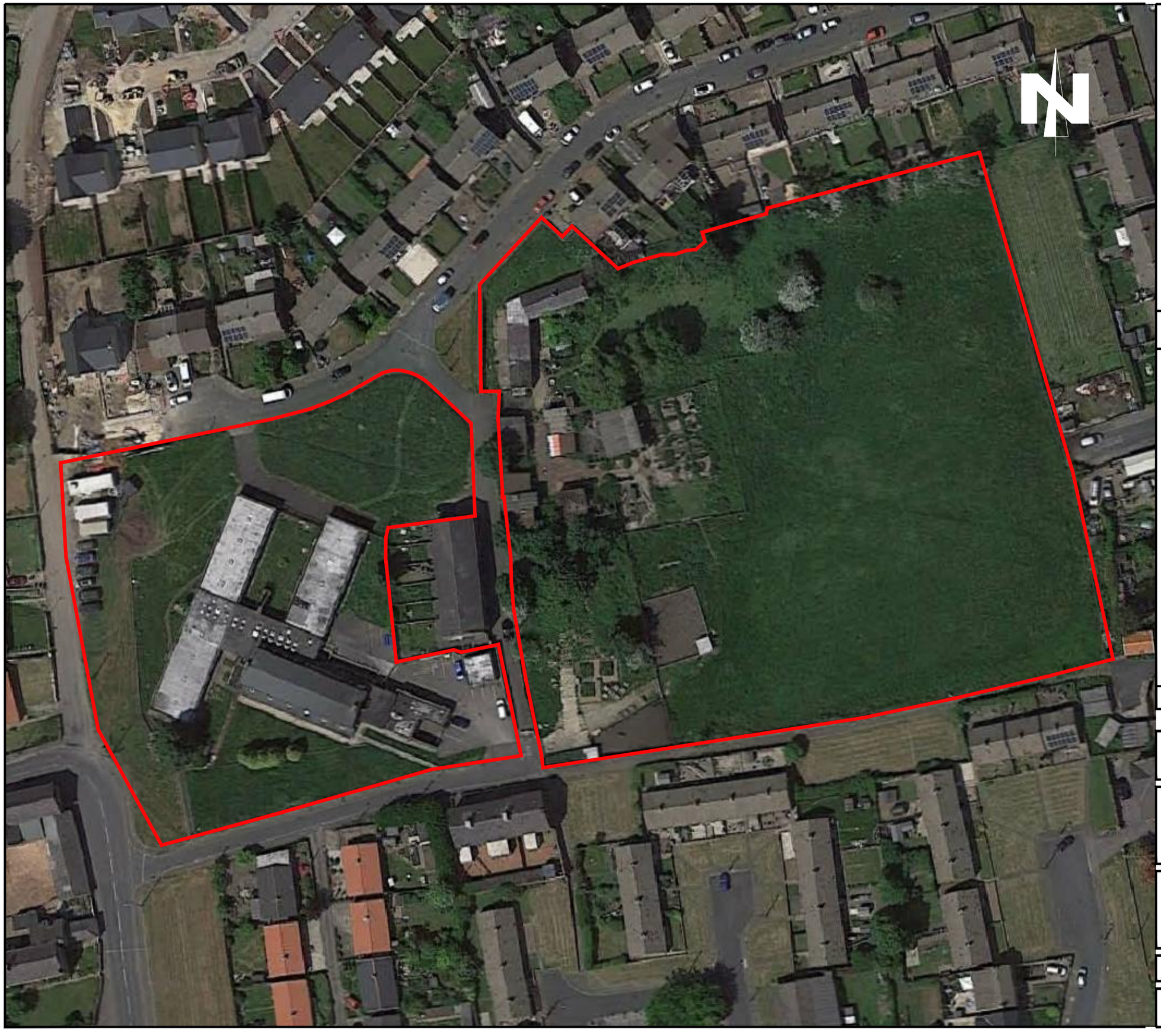
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Job Reference:	Drawing Number:	Revision:
18-013	–	–

Drawn by:	Date:	Scale at A4:
P.D	03.09.18	As Shown

Checked by:	Approved by:	
S.B	S.B	The contractor shall check all dimensions on site before commencement of any works. No dimensions to be scaled off this drawing.
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LEGEND

	APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

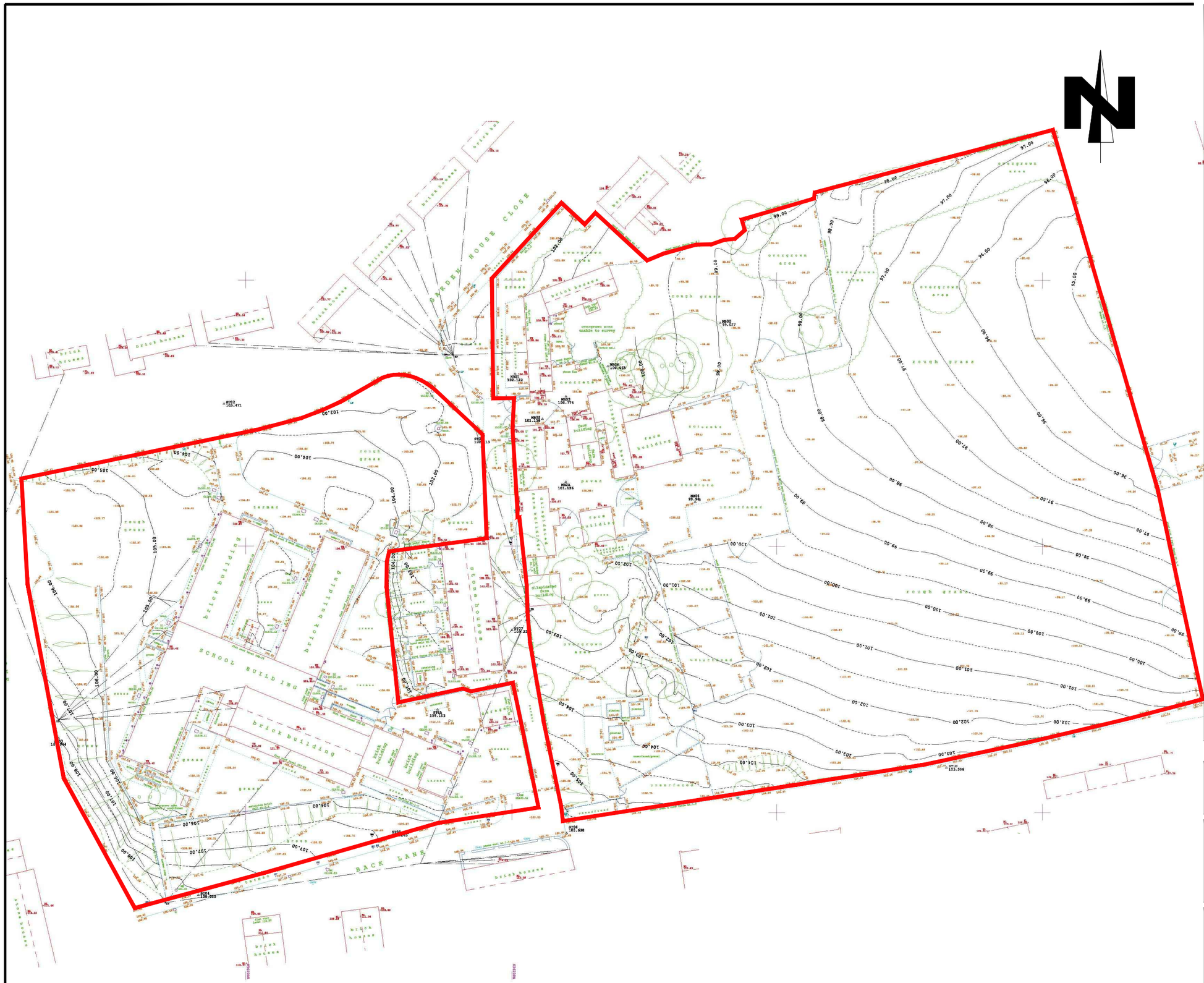
Client:
HACE (UK) LIMITED

Project Title:
Land & Buildings Between Back Land and Garden House Close, Monk Bretton Barnsley, S71 2ED

Drawing Title:
Aerial Photograph

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–



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LEGEND

	APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

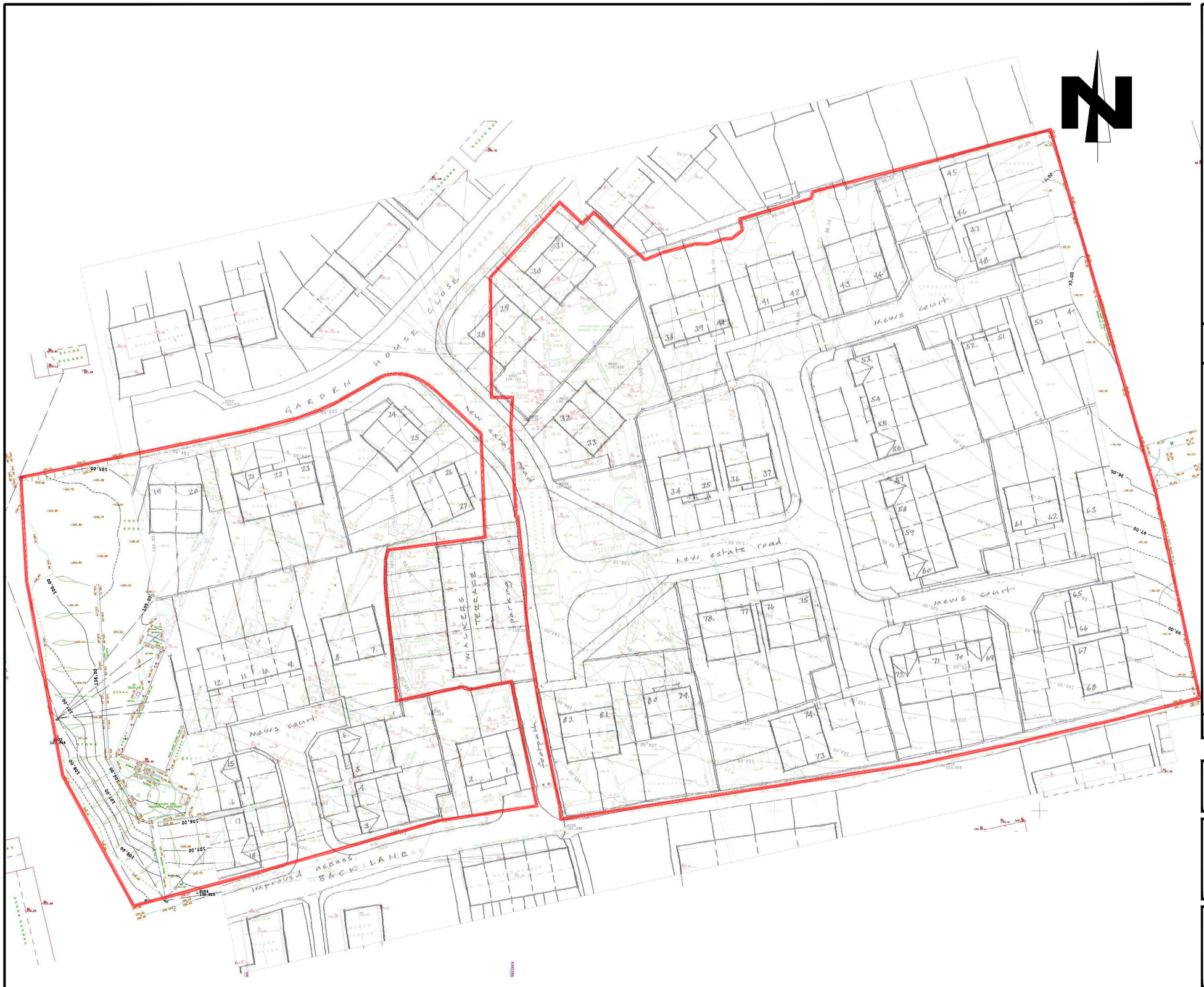
Client:
HACE (UK) LIMITED

Project Title:
Land & Buildings Between Back Land and Garden House Close, Monk Bretton Barnsley, S71 2ED

Drawing Title:
Existing Site Layout Plan

Scale at A3:	Date:	Drawn by:	Approved by:
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Job Ref:	Drg no:	Rev:
18-013	–	–



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LEGEND	
	APPROXIMATE SITE BOUNDARY

rev.	date	amendments	drawn	chckd

Client:
HACE (UK) LIMITED

Project Title:
Land & Buildings Between Back Land and Garden House Close, Monk Bretton Barnsley, S71 2ED

Drawing Title:
Proposed Development Layout Plan

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
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Client:
HACE (UK) LIMITED

Project Title:
Land & Buildings Between Back Land and Garden House Close, Monk Bretton
Barnsley, S71 2ED

Drawing Title:
Site Photographic Record Sheet (1)

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–




PLATE 17


PLATE 18

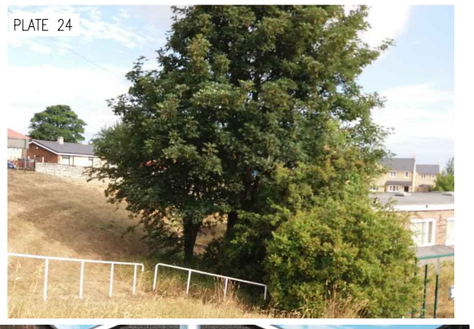

PLATE 19


PLATE 20


PLATE 21


PLATE 22


PLATE 23


PLATE 24

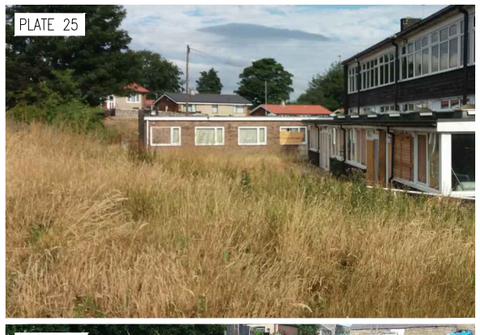

PLATE 25


PLATE 26


PLATE 27


PLATE 28


PLATE 29


PLATE 30


PLATE 31


PLATE 32

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Drawing Title:
Site Photographic Record Sheet (2)

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–




PLATE 33

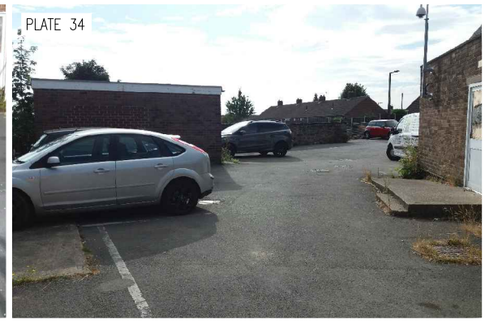

PLATE 34


PLATE 35

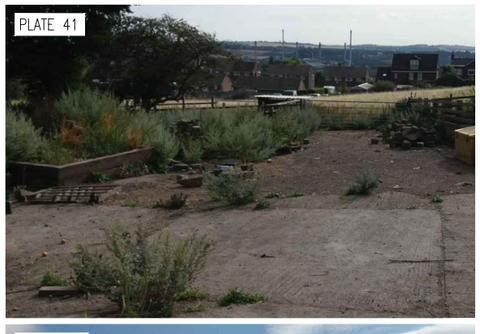

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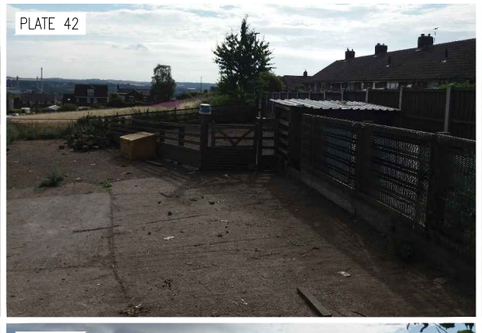

PLATE 37


PLATE 38


PLATE 39


PLATE 40


PLATE 41


PLATE 42

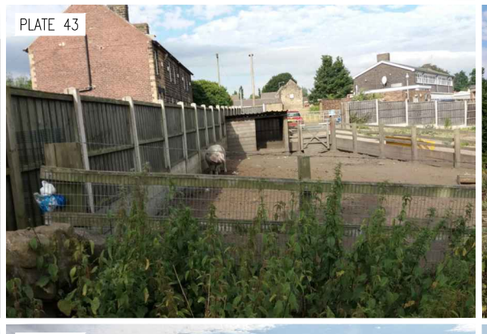
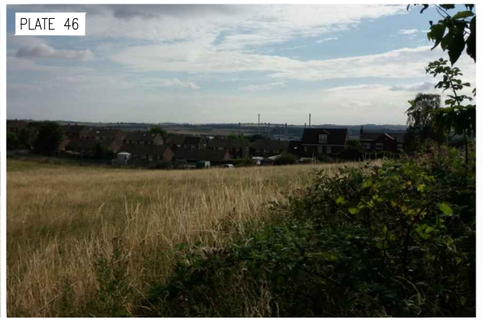

PLATE 43


PLATE 44


PLATE 45


PLATE 46

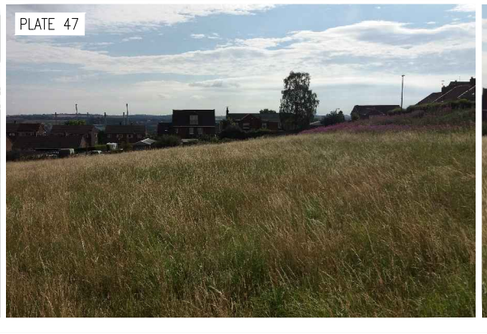

PLATE 47


PLATE 48

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Land & Buildings Between Back Land and Garden House Close, Monk Bretton Barnsley, S71 2ED

Drawing Title:
Site Photographic Record Sheet (3)

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–




PLATE 49


PLATE 50


PLATE 51


PLATE 52


PLATE 53


PLATE 54


PLATE 55


PLATE 56


PLATE 57


PLATE 58


PLATE 59


PLATE 60


PLATE 61


PLATE 62


PLATE 63


PLATE 64

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rev.	date	amendments	drawn	chckd

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Drawing Title:
Site Photographic Record Sheet (4)

Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–




PLATE 65


PLATE 66


PLATE 67


PLATE 68


PLATE 69


PLATE 70


PLATE 71


PLATE 72


PLATE 73


PLATE 74


PLATE 75


PLATE 76


PLATE 77


PLATE 78

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rev.	date	amendments	drawn	chckd

Client:
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Project Title:
Land & Buildings Between Back Land and Garden House Close, Monk Bretton Barnsley, S71 2ED

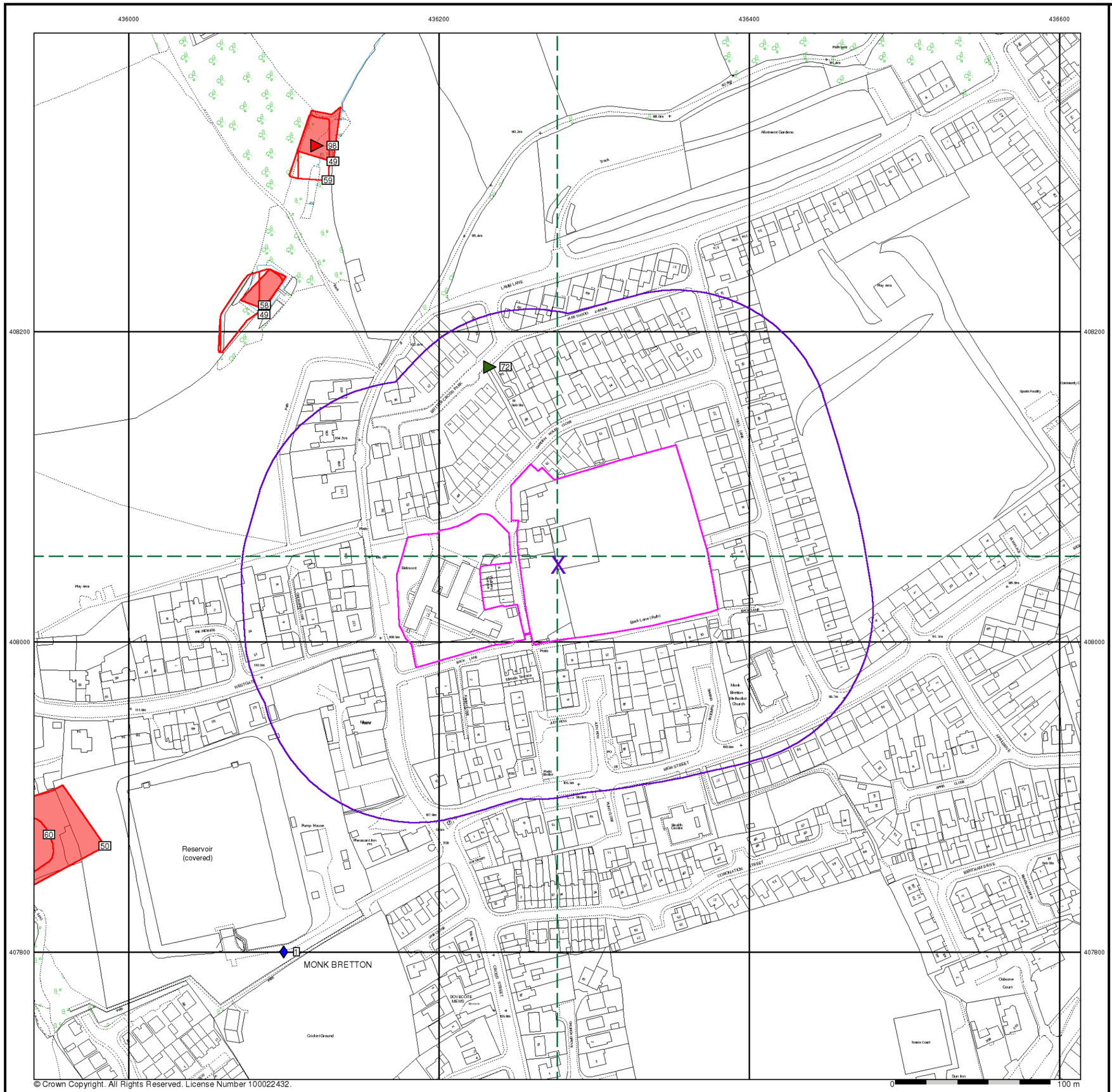
Drawing Title:
Site Photographic Record Sheet (5)

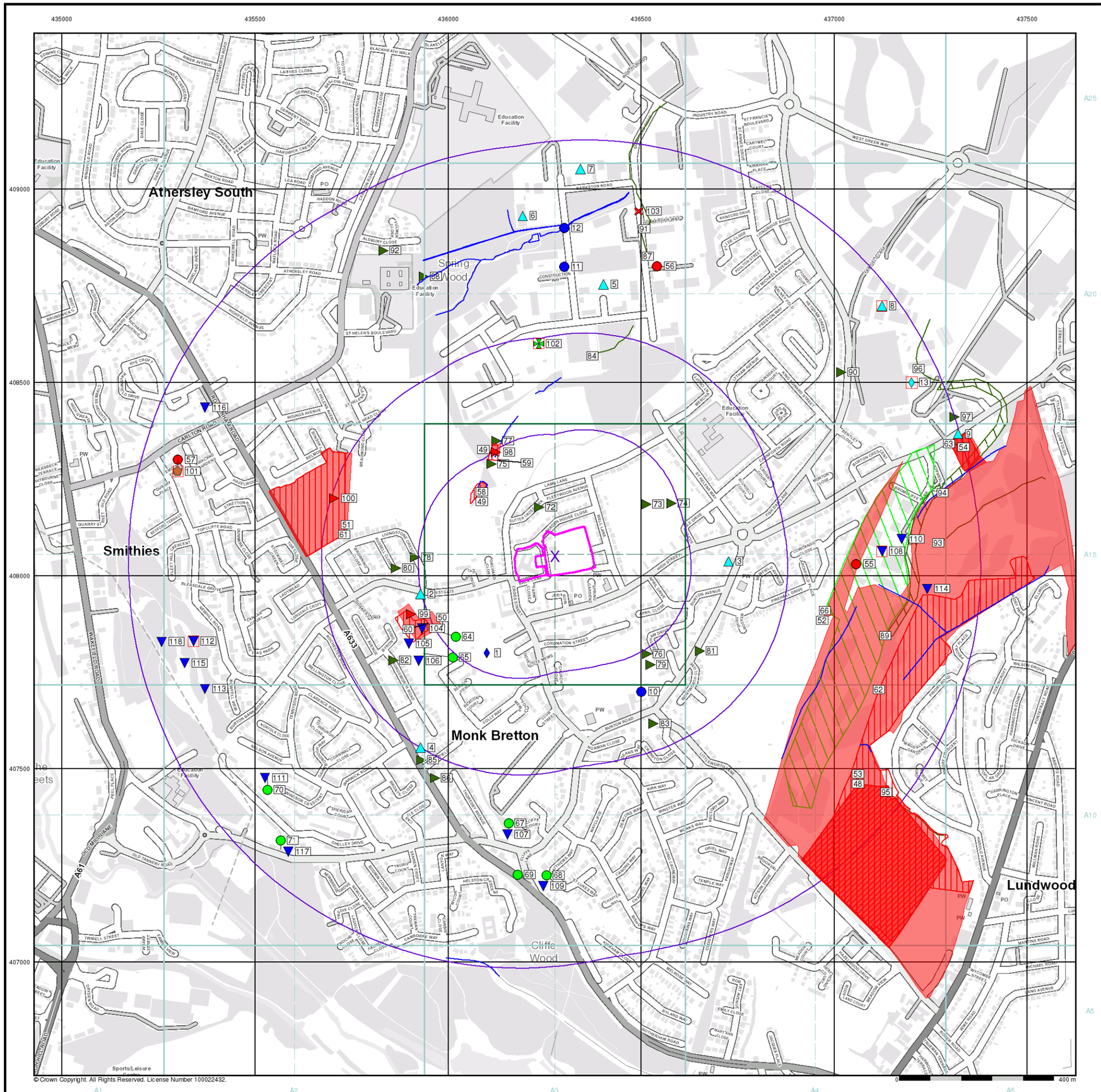
Scale at A3:	Date:	Drawn by:	Approved by:
NTS @ A3	03.09.18	P.D	S.B

Job Ref:	Drg no:	Rev:
18-013	–	–

APPENDIX II

Landmark Information Group – Envirocheck Report


436000
436200
436400
436600
408200
408000
407800
98
49
59
58
49
72
60
50
Reservoir
(covered)
MONK BRETTON
LAMB LANE
Back Lane (Path)
NEW STREET
Allotment Gardens
Play Area
Cricket Ground
Tennis Court
Sports Facility
Pumping Station
Pumping Station
Pumping Station



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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

Hazardous Substances

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

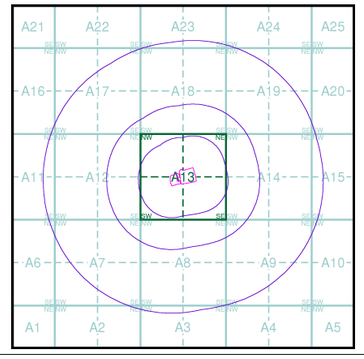
Geological

- BGS Recorded Mineral Site

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- 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

Site Sensitivity Map - Slice A



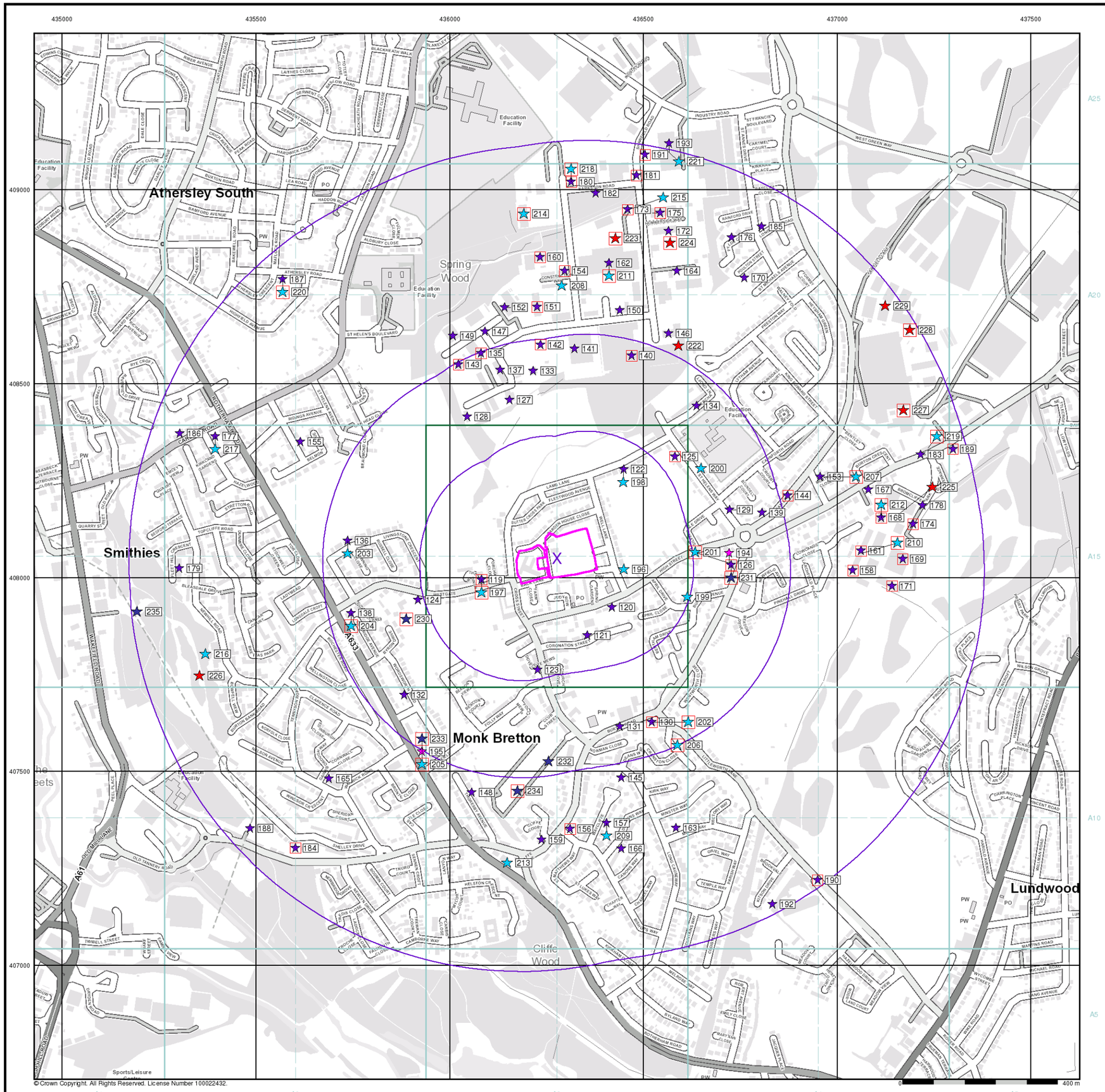
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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



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Industrial Land Use Map

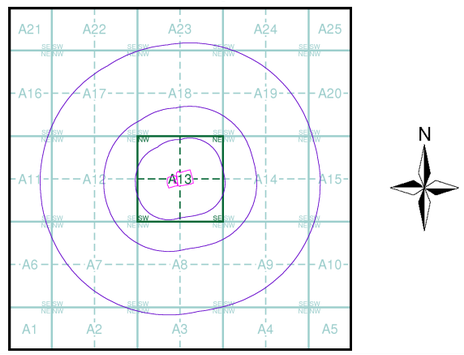
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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arc environmental

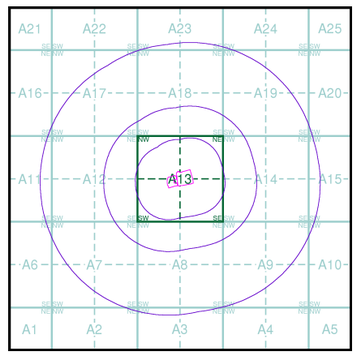
General

- 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



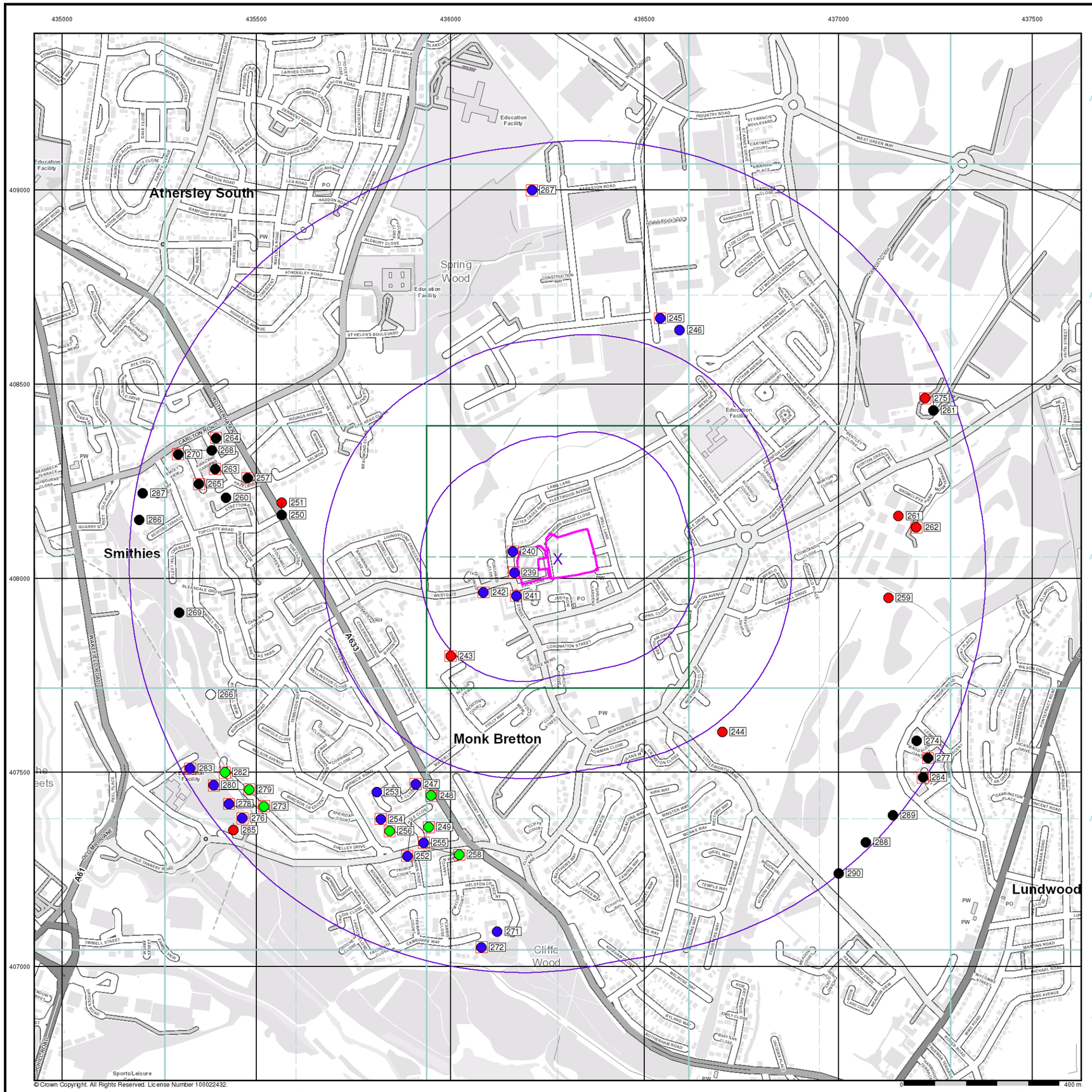
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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General

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

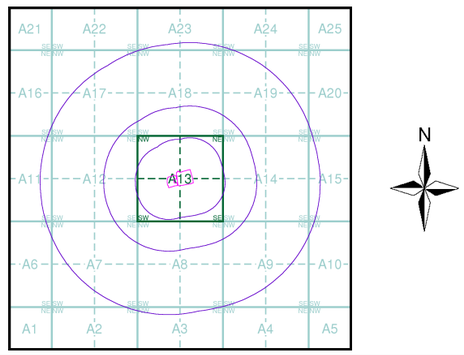
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



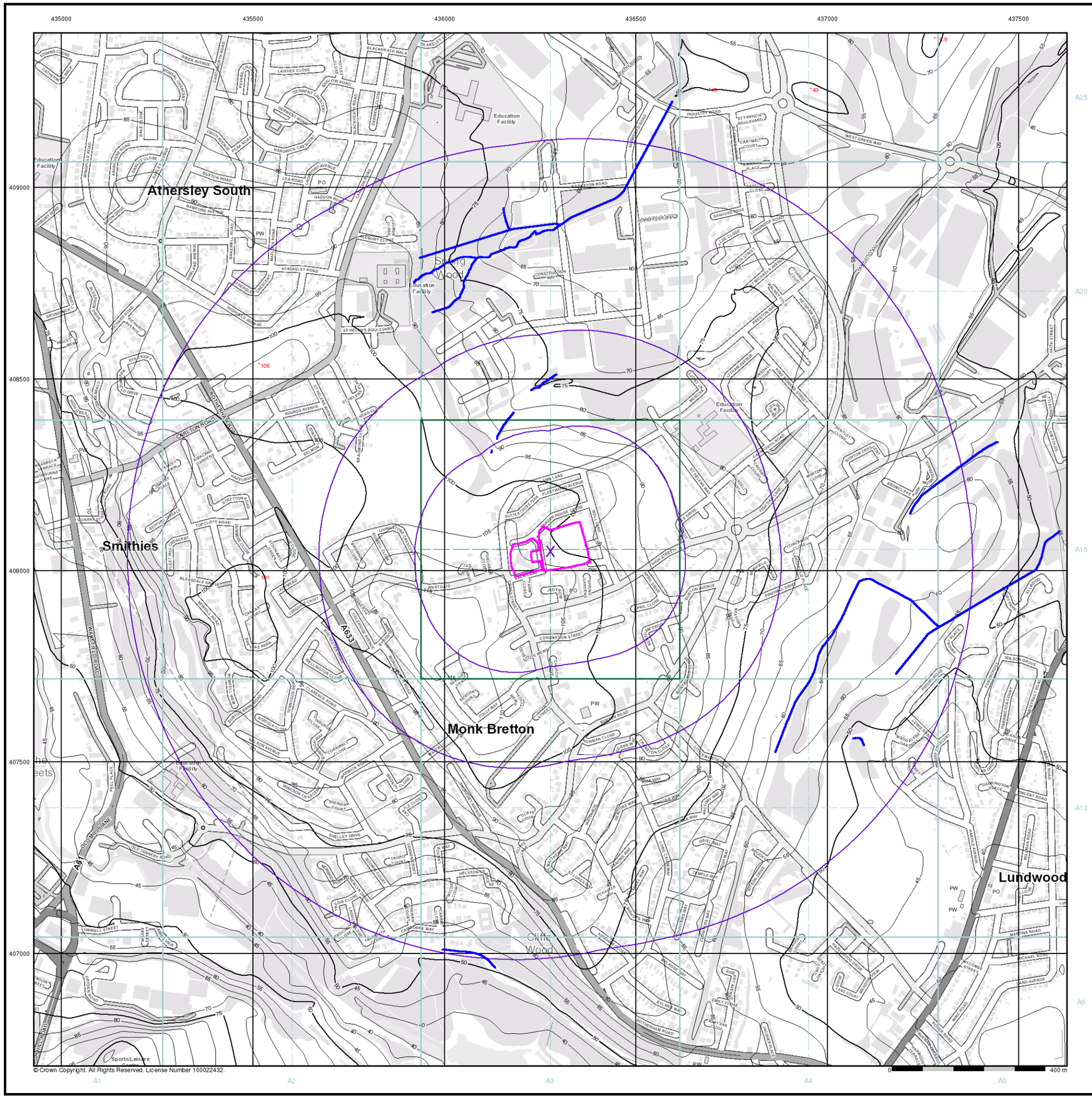
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Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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General

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

OS Water Network Data

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

Contours (height in meters)

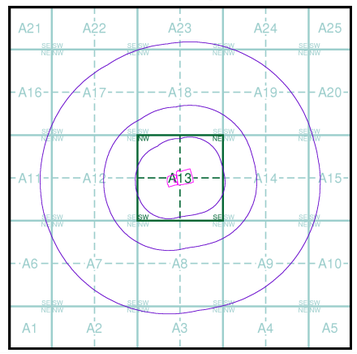
Standard Contour 105 100 95

Master Contour

Spot Height 167.3

- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



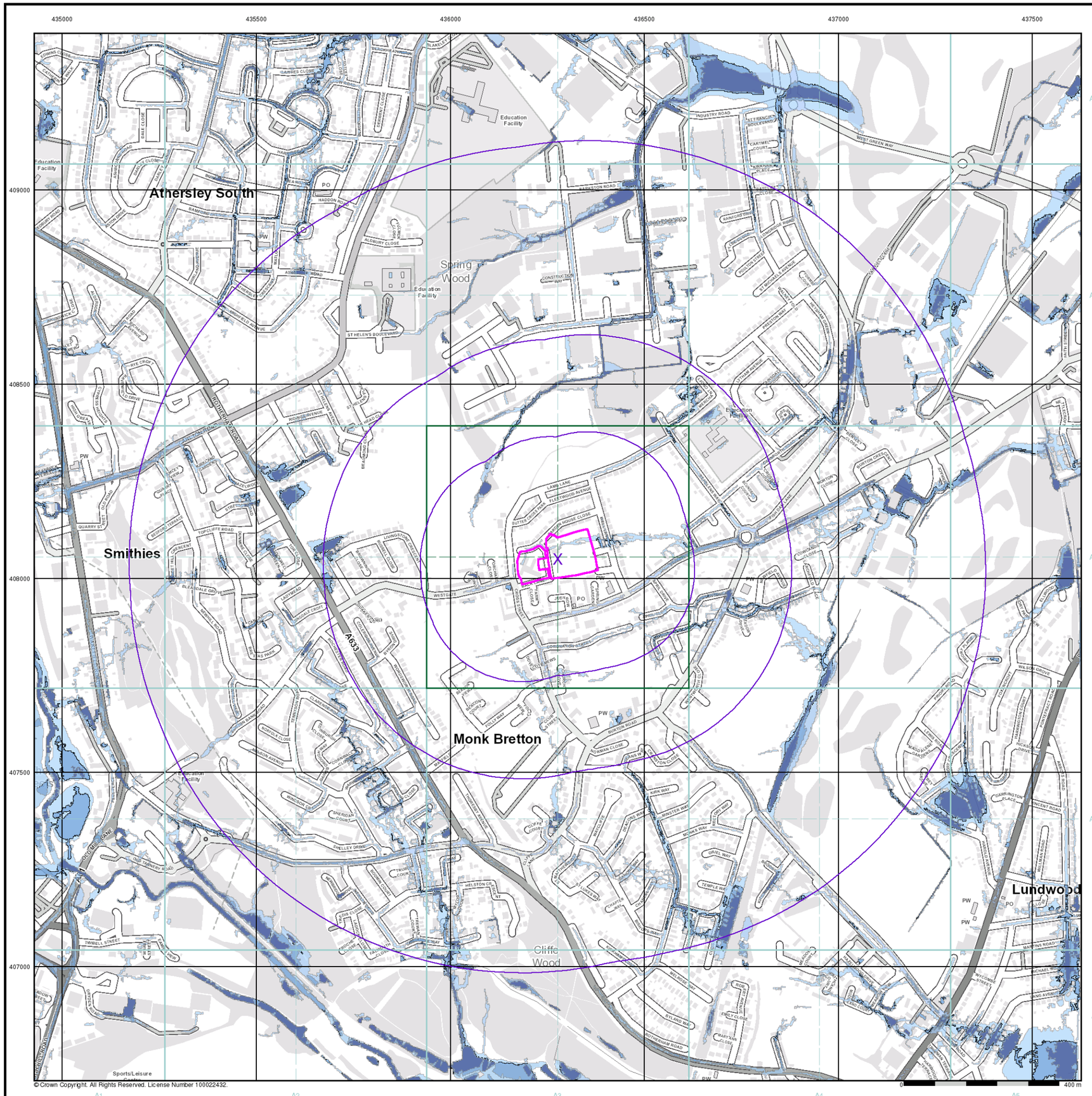
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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General

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

Risk of Flooding from Surface Water

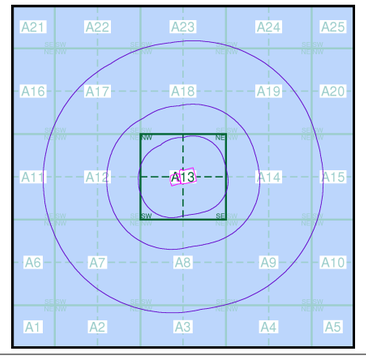
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



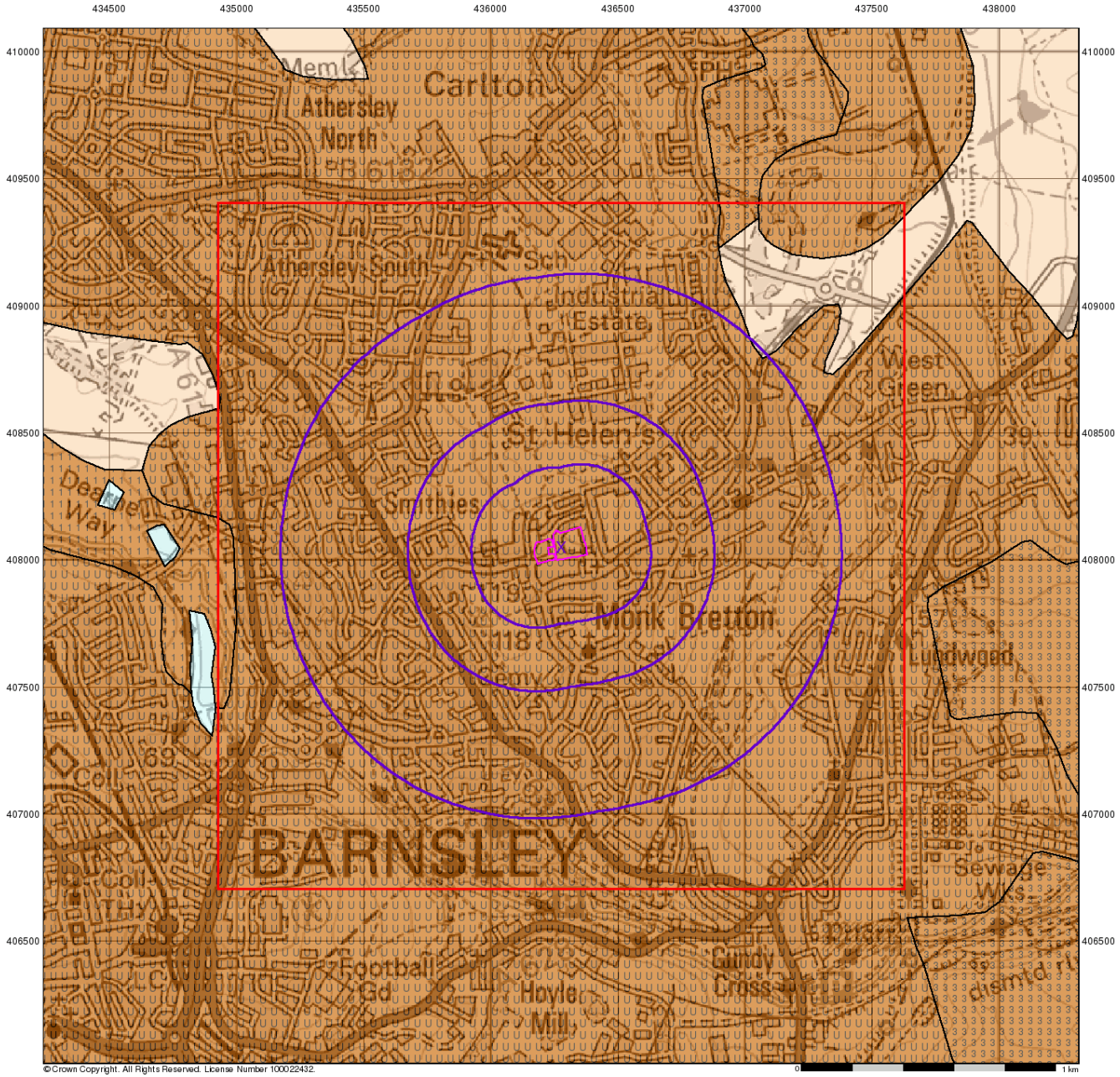
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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Groundwater Vulnerability

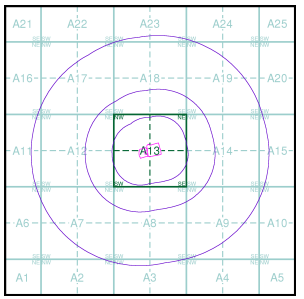
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Major Aquifer (Highly Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Minor Aquifer (Variably Permeable)	High (H) 1, 2, 3, U
	Intermediate (I) 1, 2
	Low
Non Aquifer (Negligibly Permeable)	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



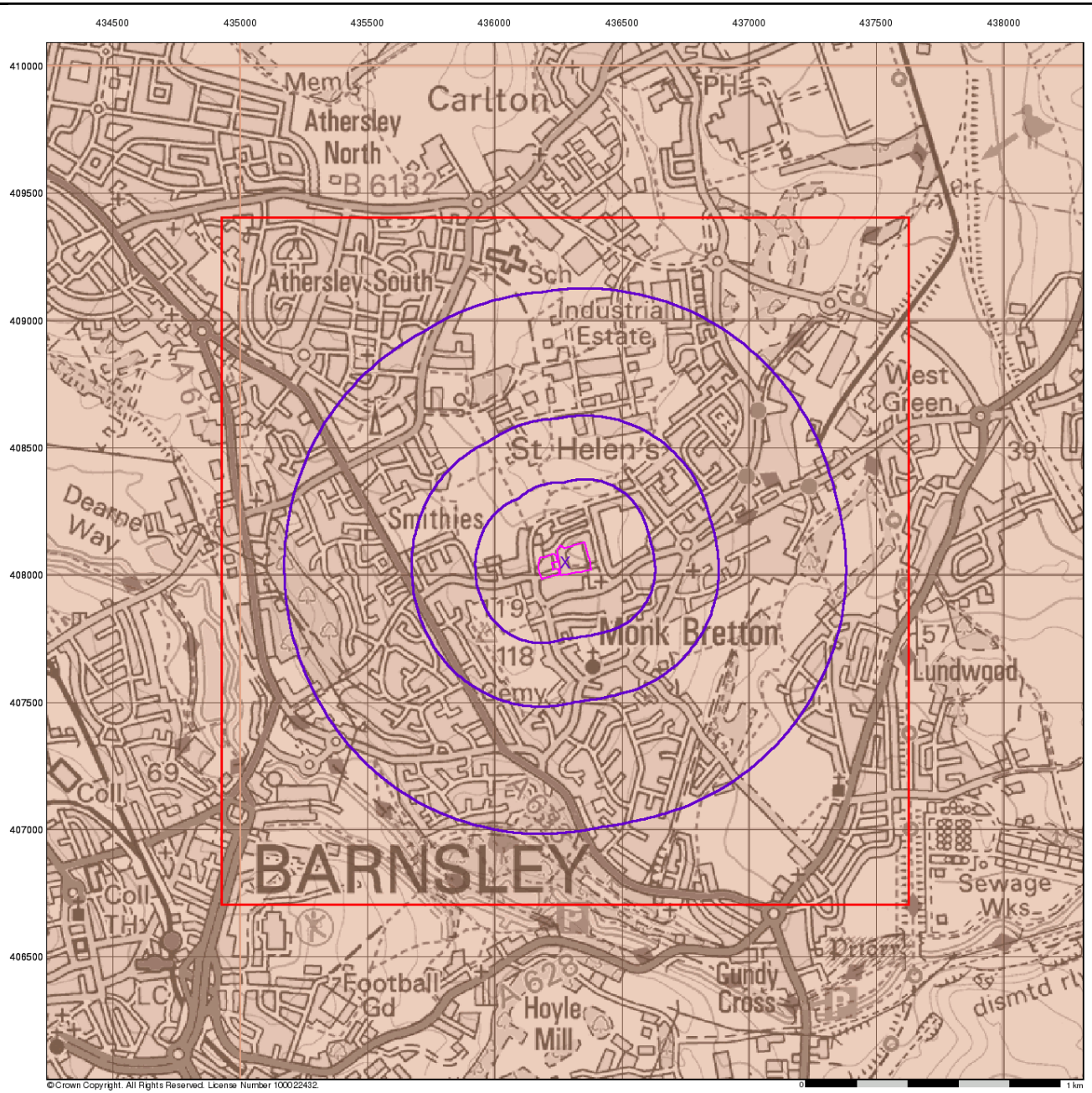
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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



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Bedrock Aquifer Designation

General

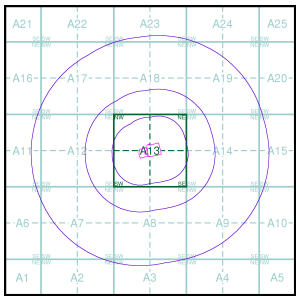
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



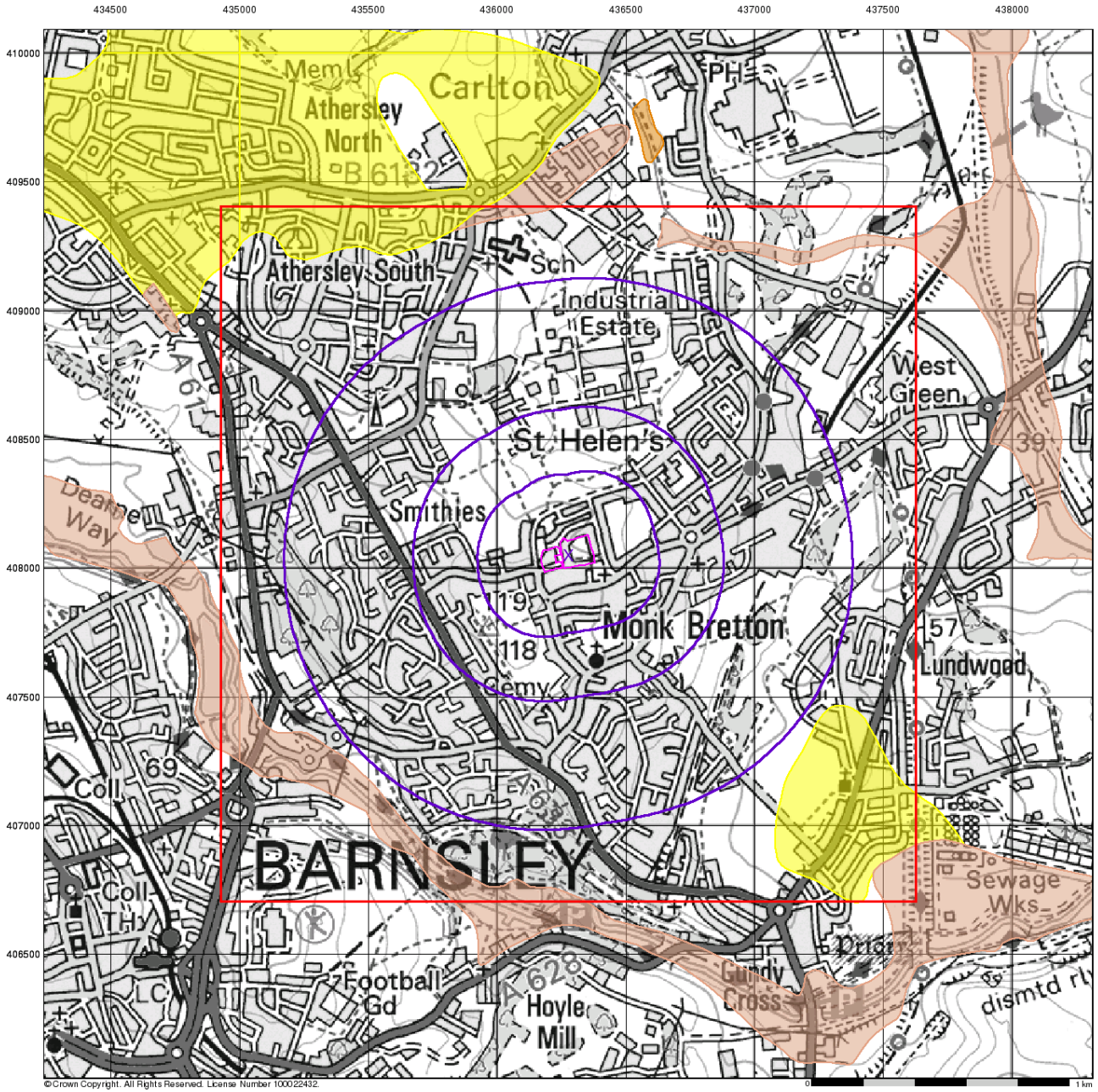
Order Details

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National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

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Superficial Aquifer Designation

General

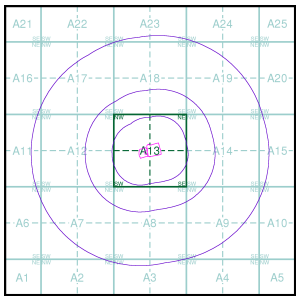
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



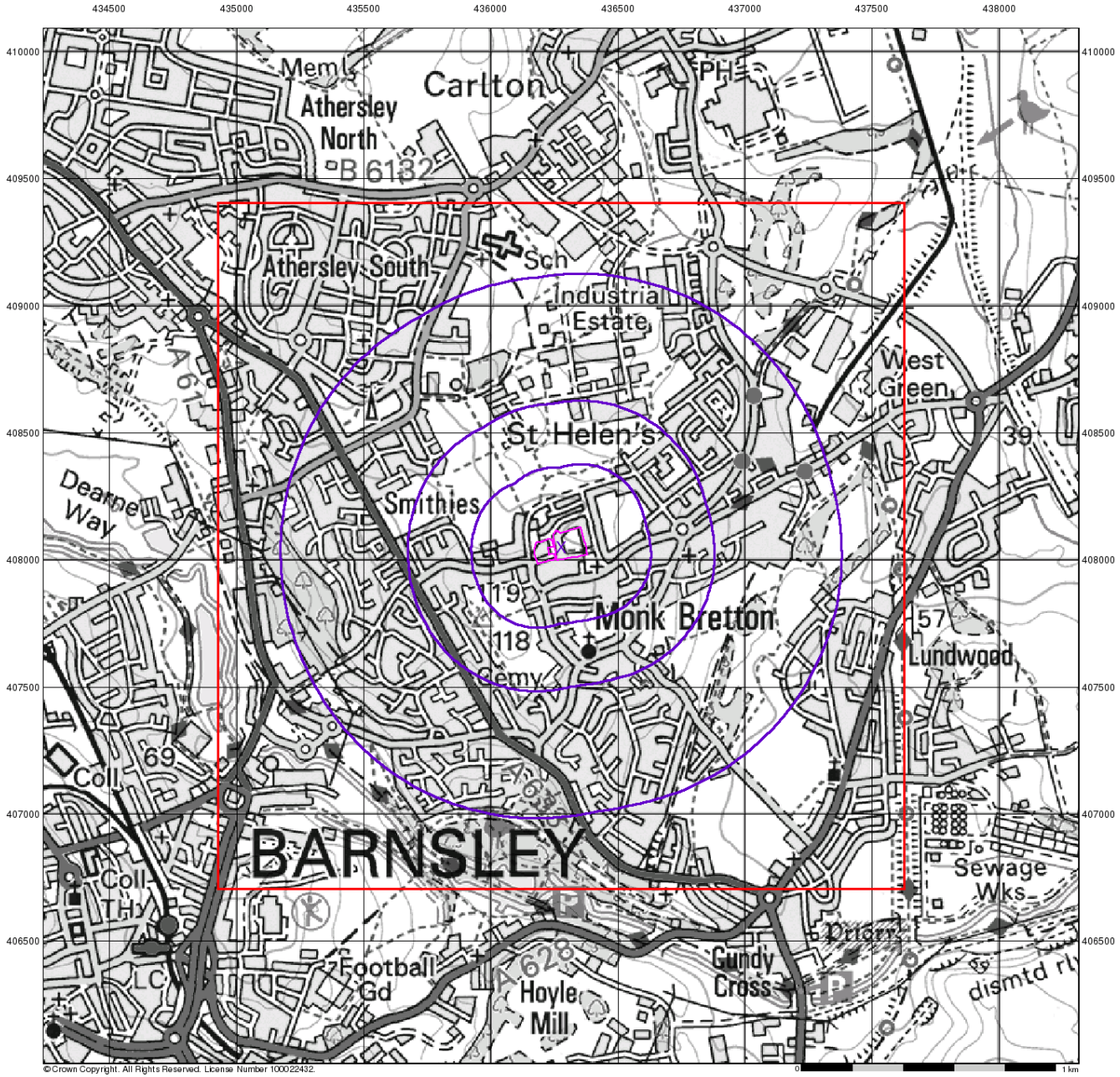
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Source Protection Zones

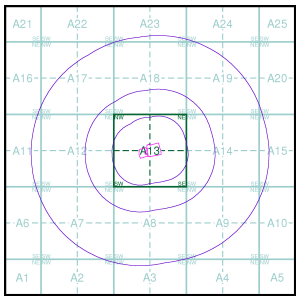
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



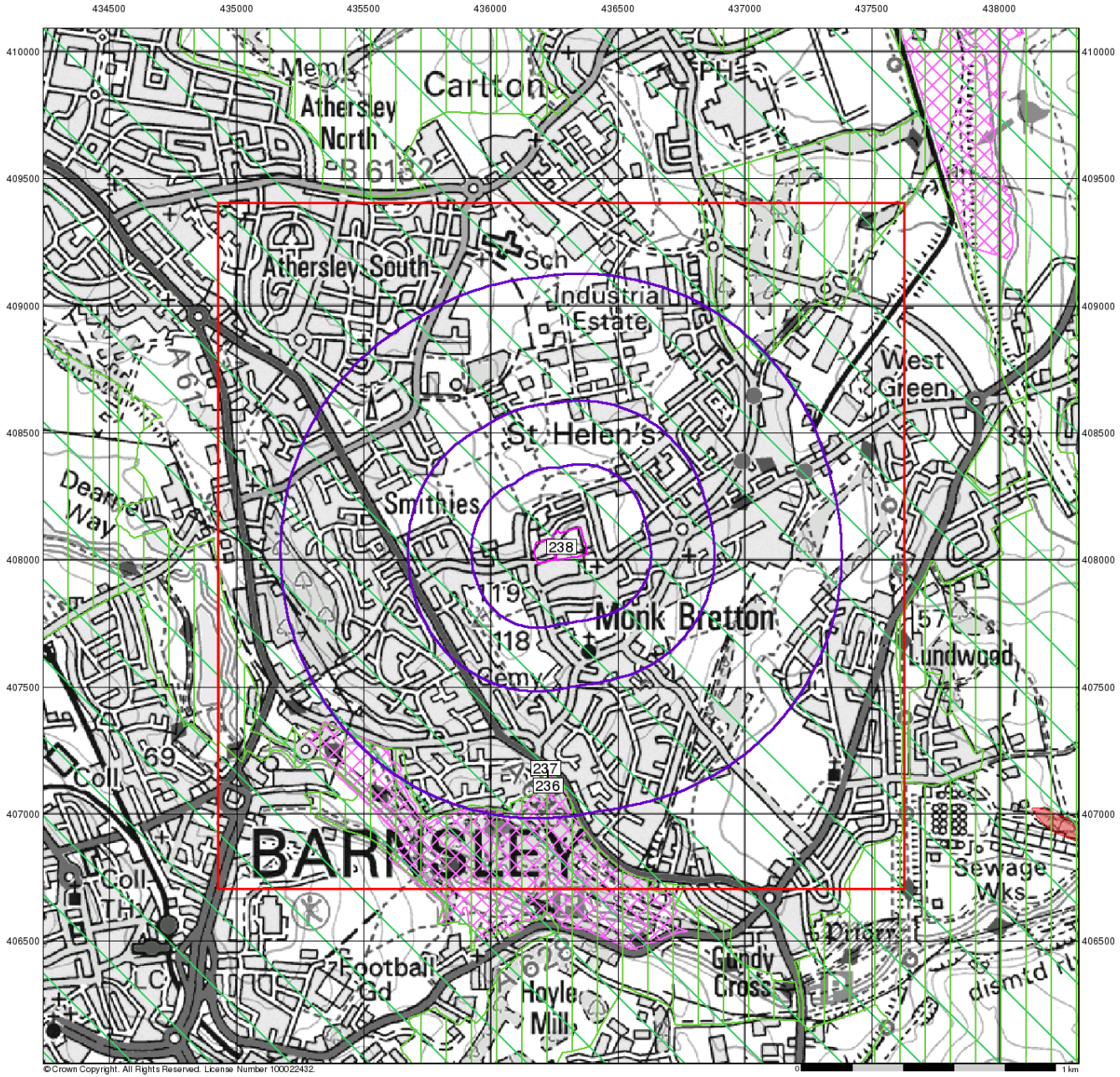
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Sensitive Land Uses

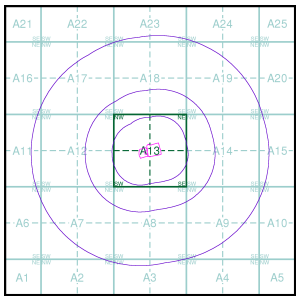
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



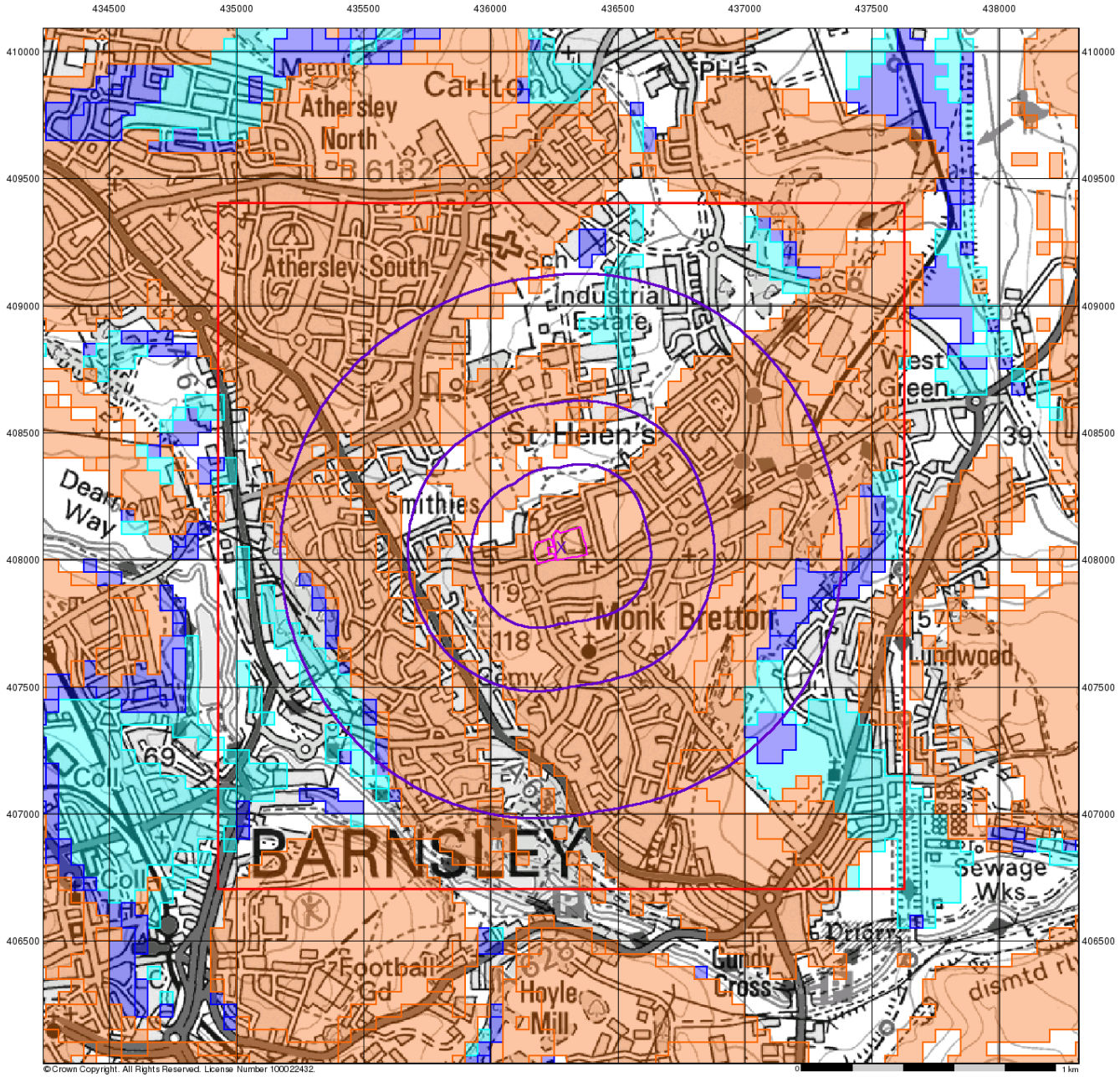
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BGS Flood GFS Data

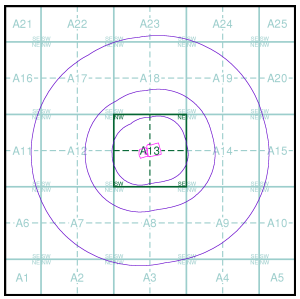
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A

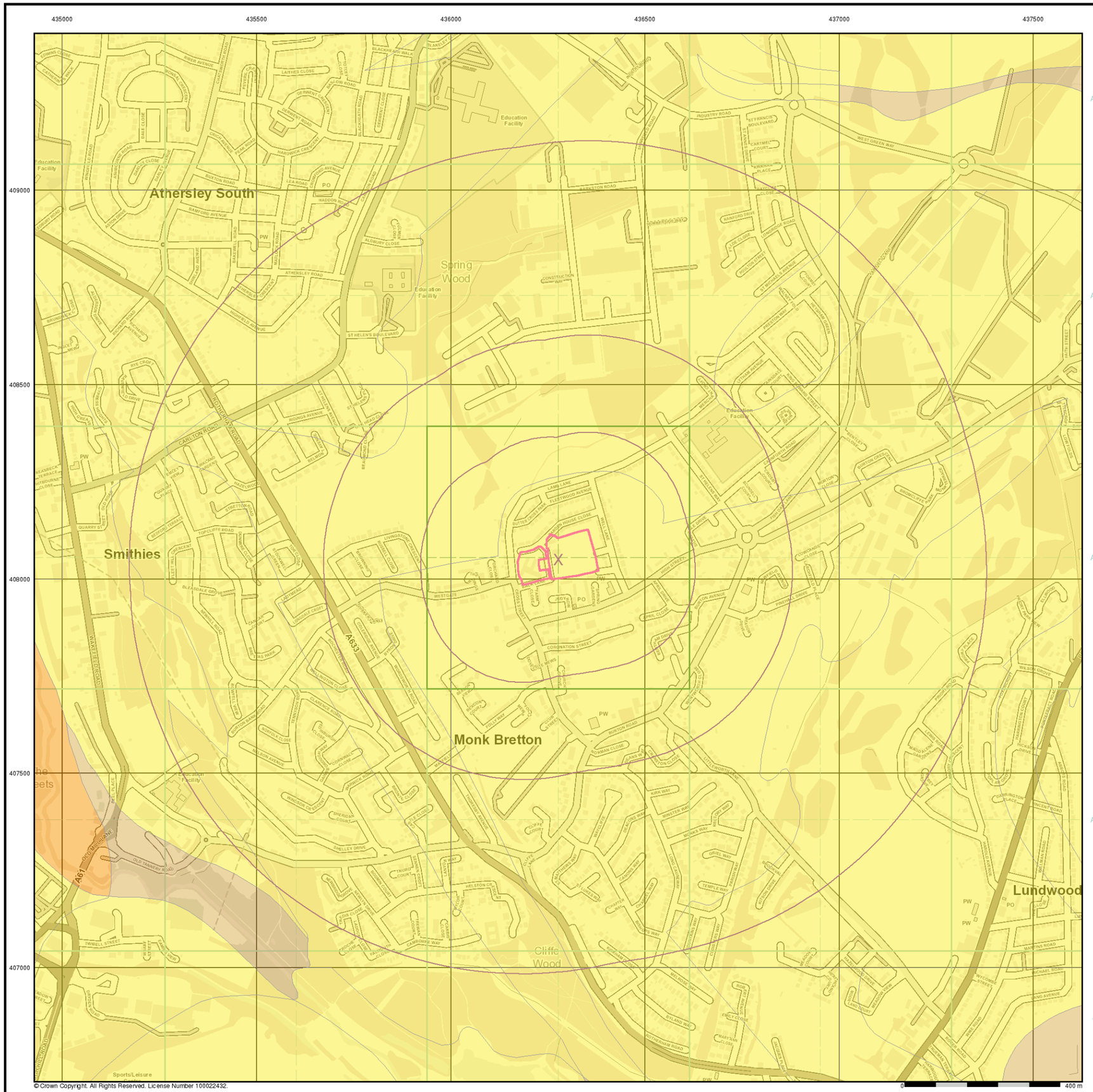


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General

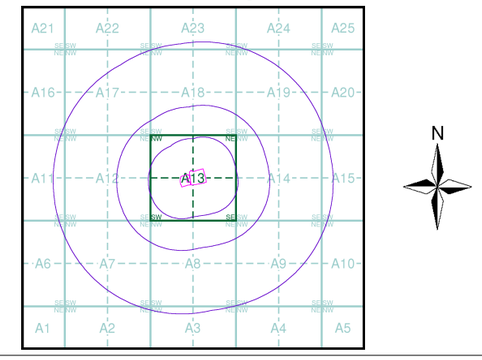
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



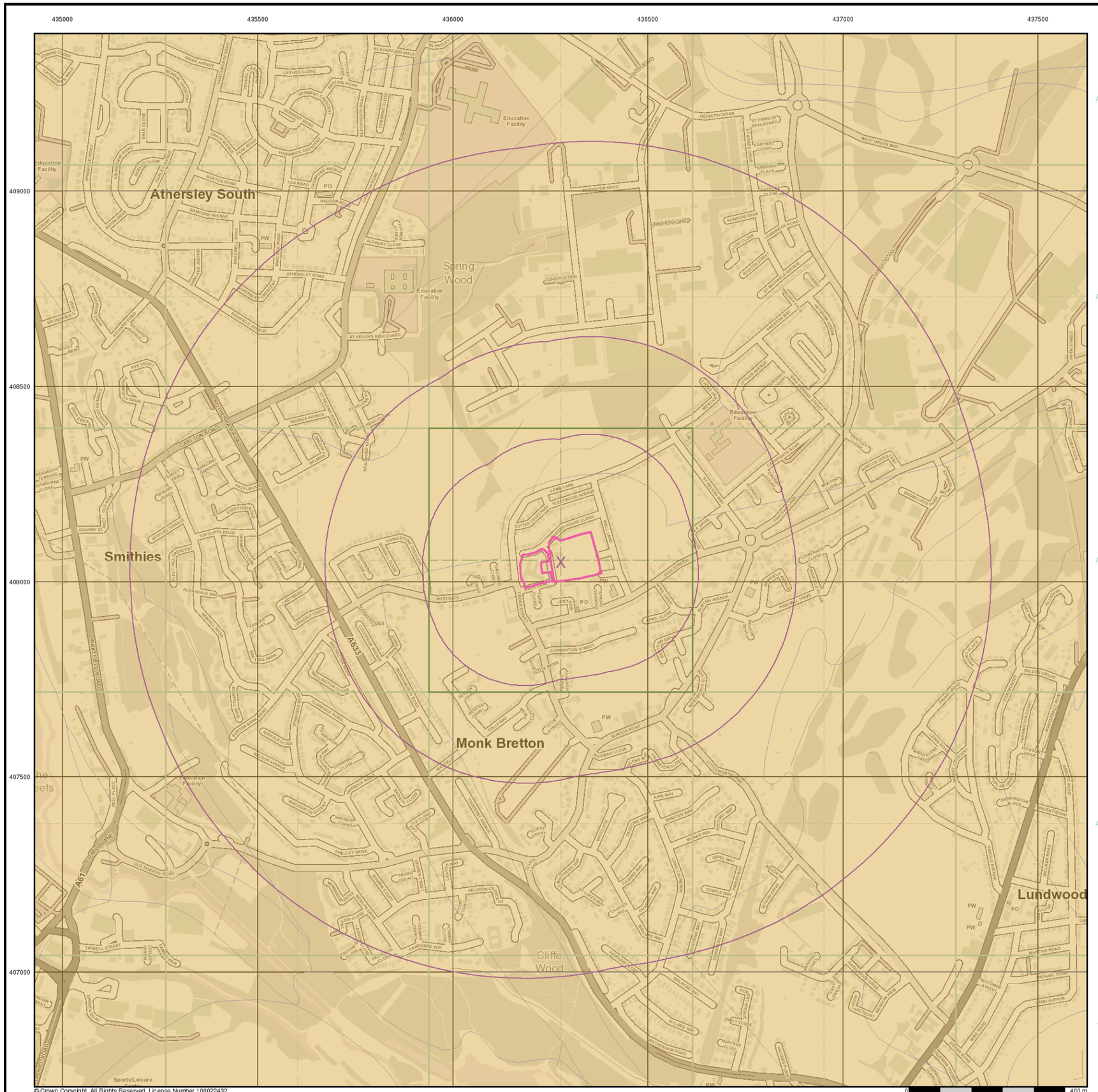
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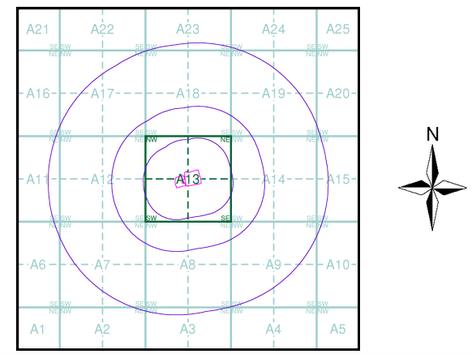
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



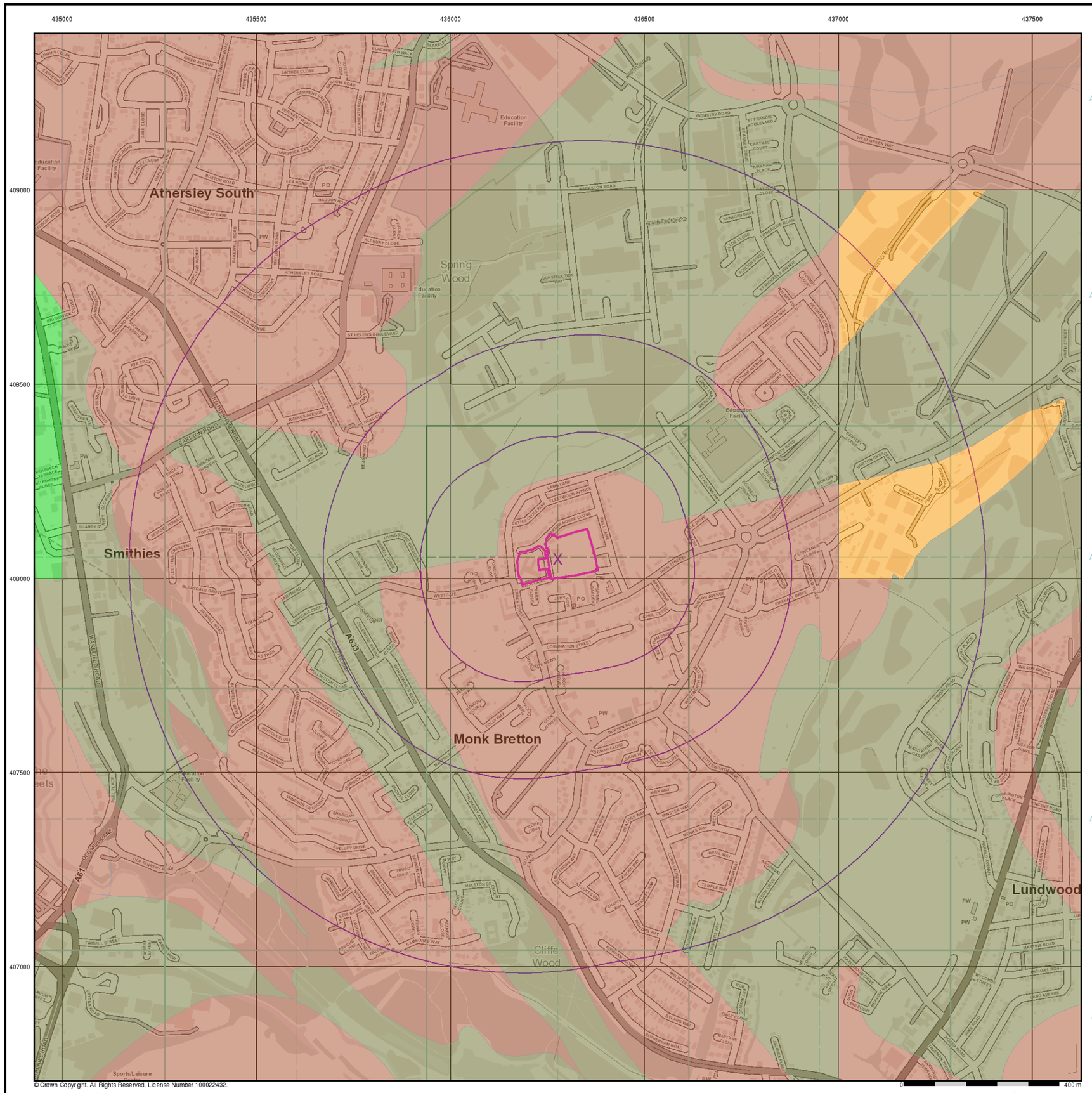
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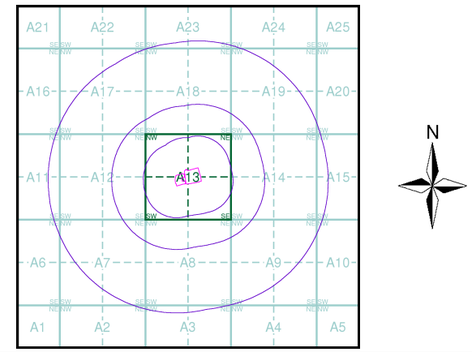
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



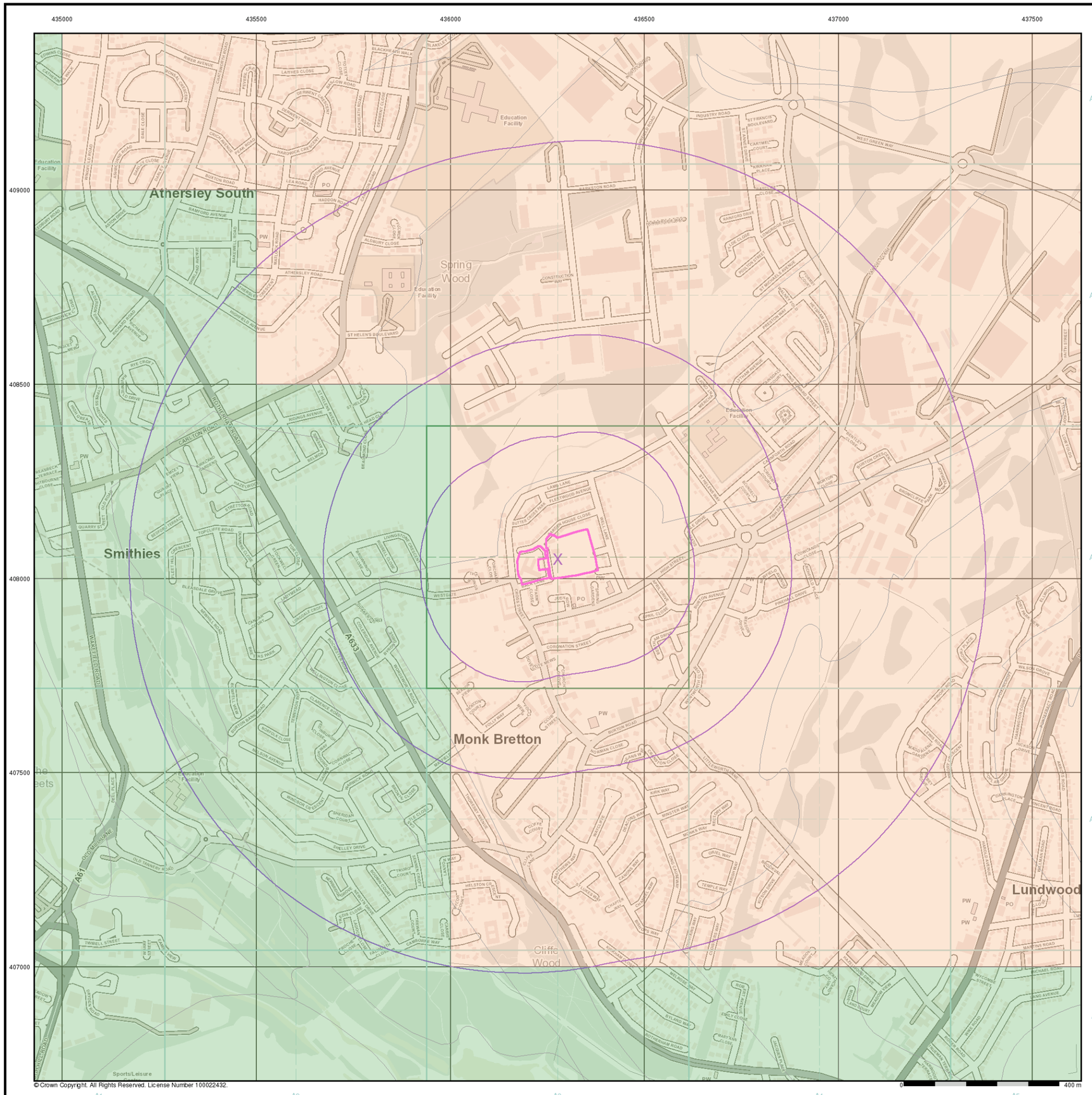
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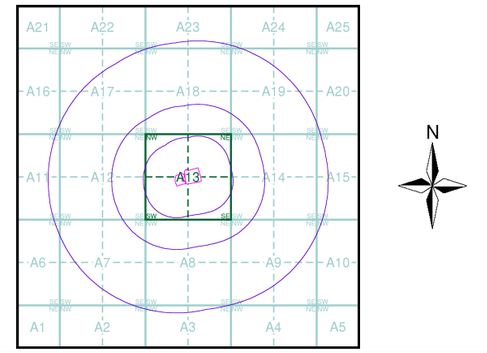
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



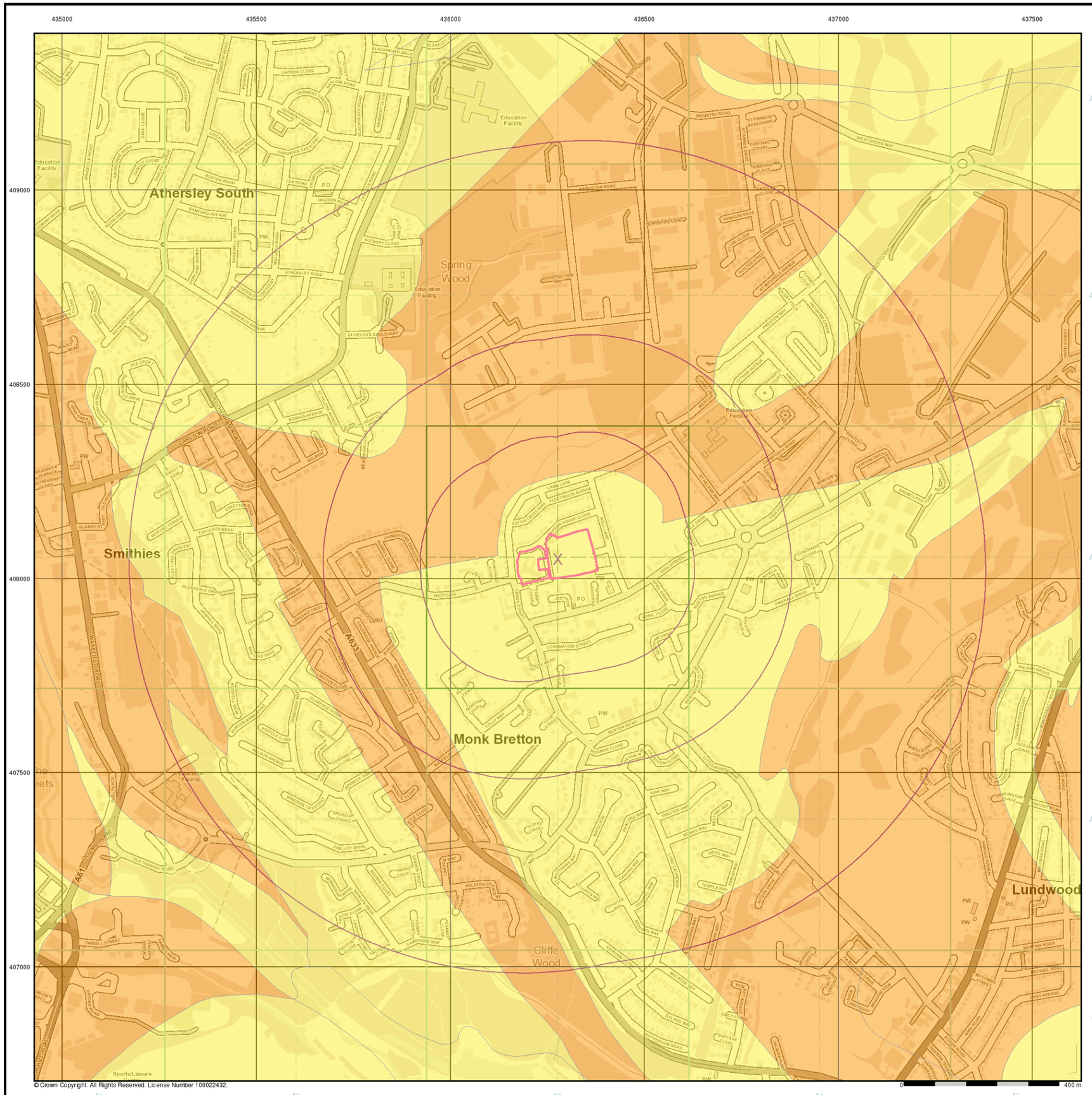
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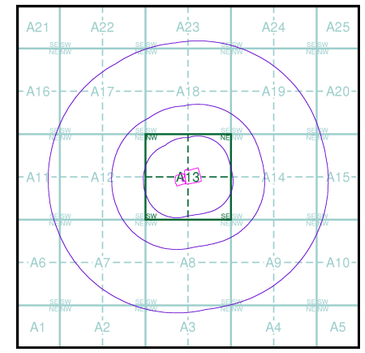
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



Order Details

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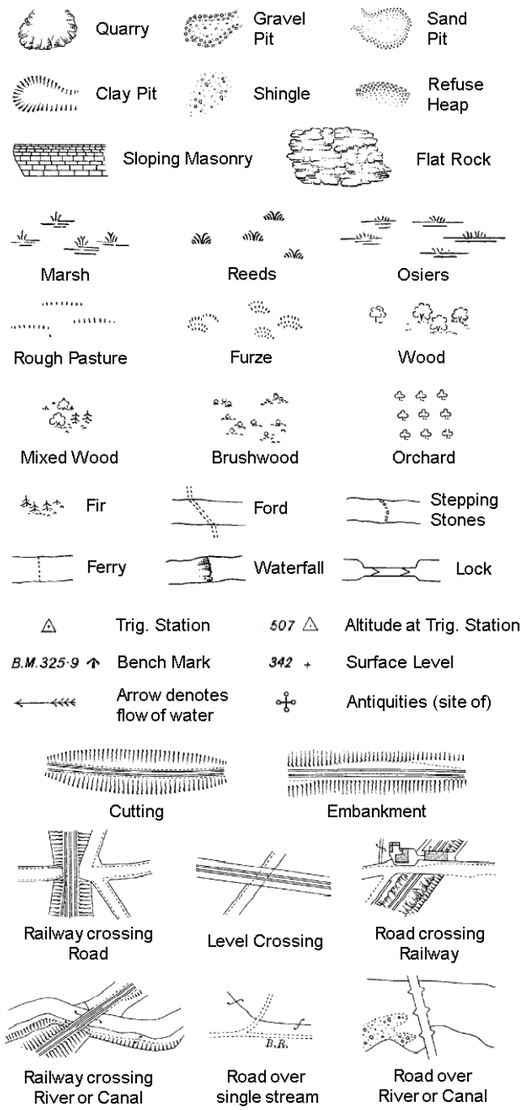
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Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)

County & Civil Parish Boundary

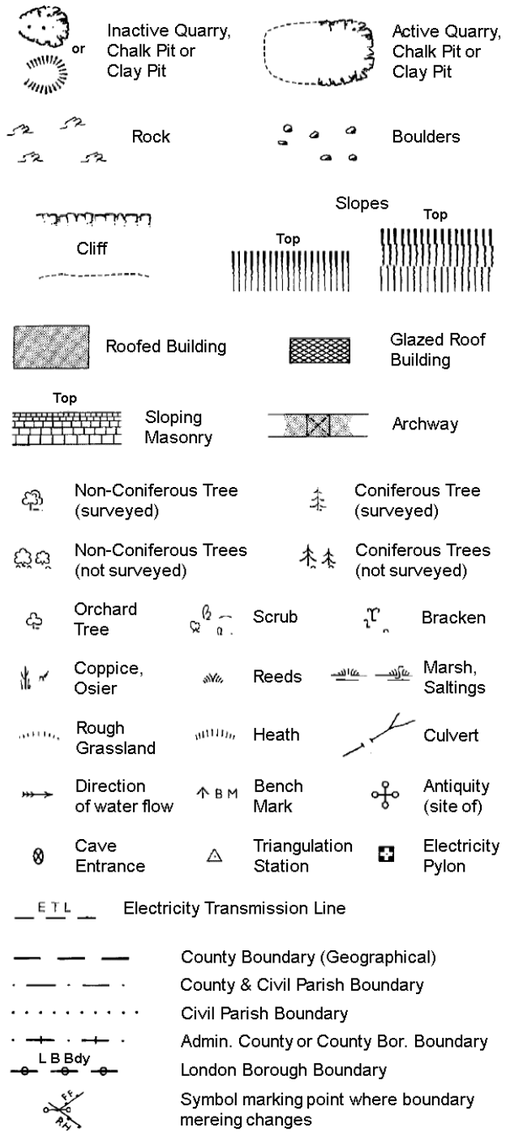
Administrative County & Civil Parish Boundary

Co. Boro. Bdy. County Borough Boundary (England)

Co. Burgh Bdy. County Burgh Boundary (Scotland)

B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)

County & Civil Parish Boundary

Civil Parish Boundary

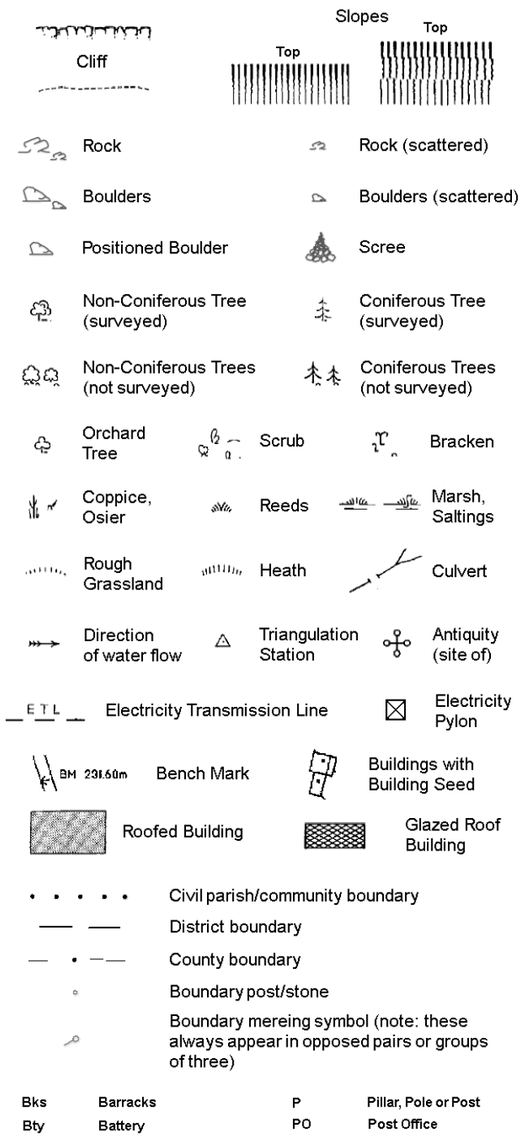
Admin. County or County Bor. Boundary

L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250



Civil parish/community boundary

District boundary

County boundary

Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

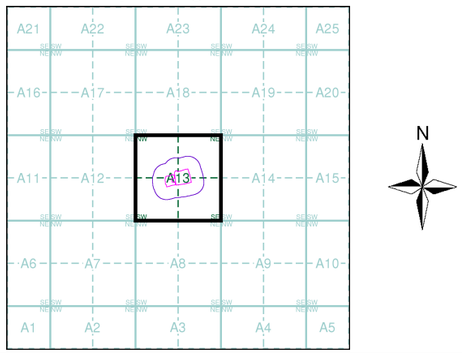
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

arc environmental

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:2,500	1892	2
Yorkshire	1:2,500	1906	3
Yorkshire	1:2,500	1931	4
Ordnance Survey Plan	1:1,250	1961 - 1962	5
Ordnance Survey Plan	1:2,500	1962	6
Ordnance Survey Plan	1:1,250	1965 - 1970	7
Ordnance Survey Plan	1:2,500	1969 - 1971	8
Ordnance Survey Plan	1:1,250	1973 - 1975	9
Supply of Unpublished Survey Information	1:1,250	1973 - 1974	10
Additional SIMs	1:1,250	1978 - 1983	11
Additional SIMs	1:1,250	1981 - 1991	12
Additional SIMs	1:1,250	1990	13
Large-Scale National Grid Data	1:1,250	1993	14
Historical Aerial Photography	1:2,500	1999	15

Historical Map - Segment A13



Order Details

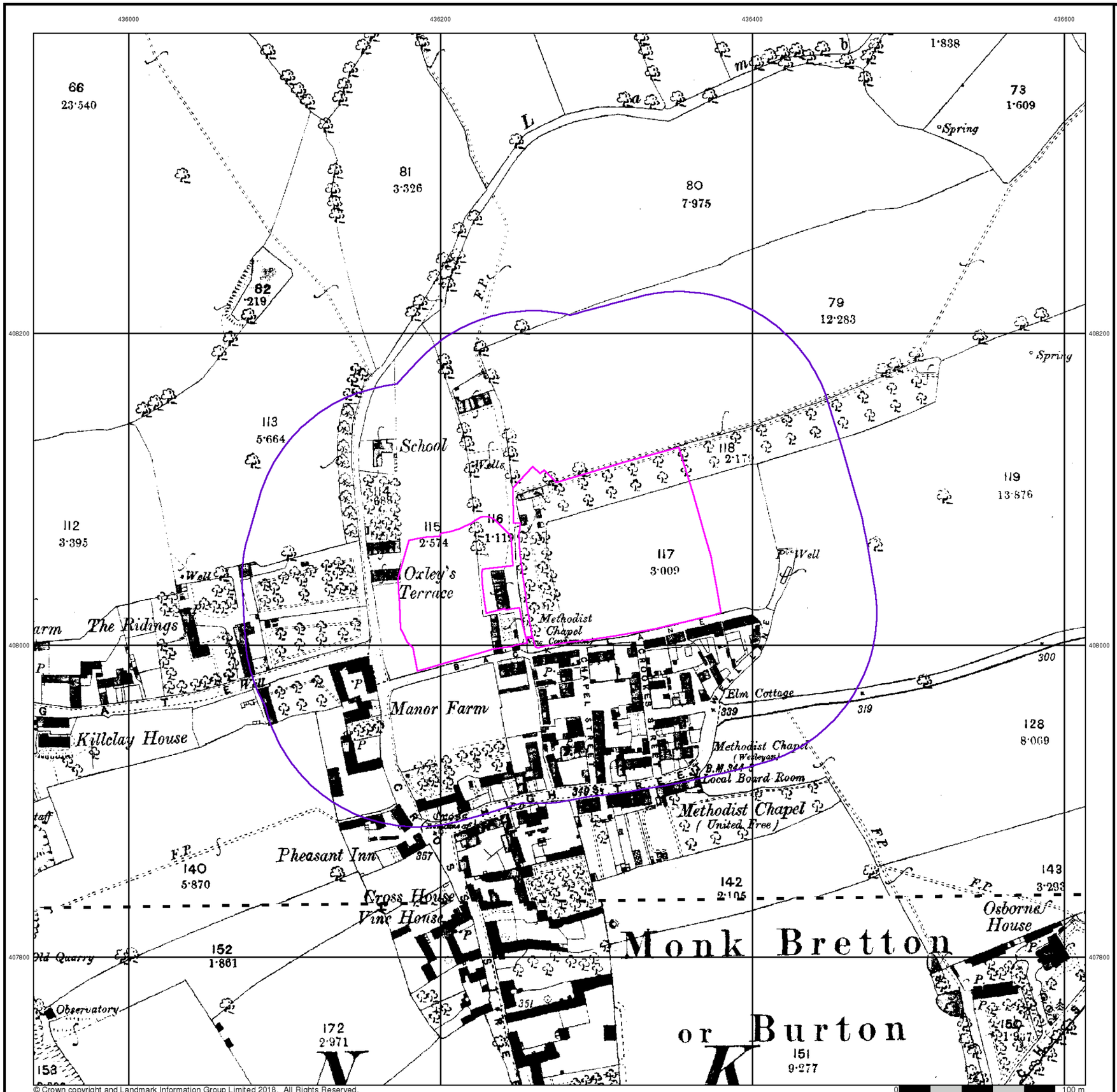
Order Number:	173947909_1_1
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arc environmental

Yorkshire

Published 1892

Source map scale - 1:2,500

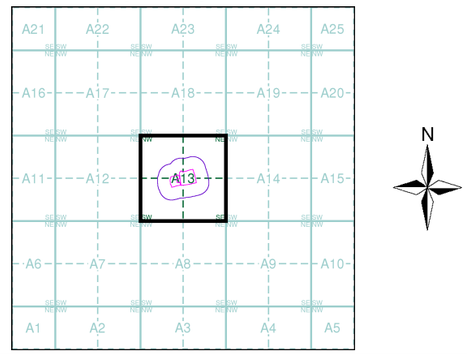
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

274_04
1892
1:2,500

274_08
1892
1:2,500

Historical Map - Segment A13



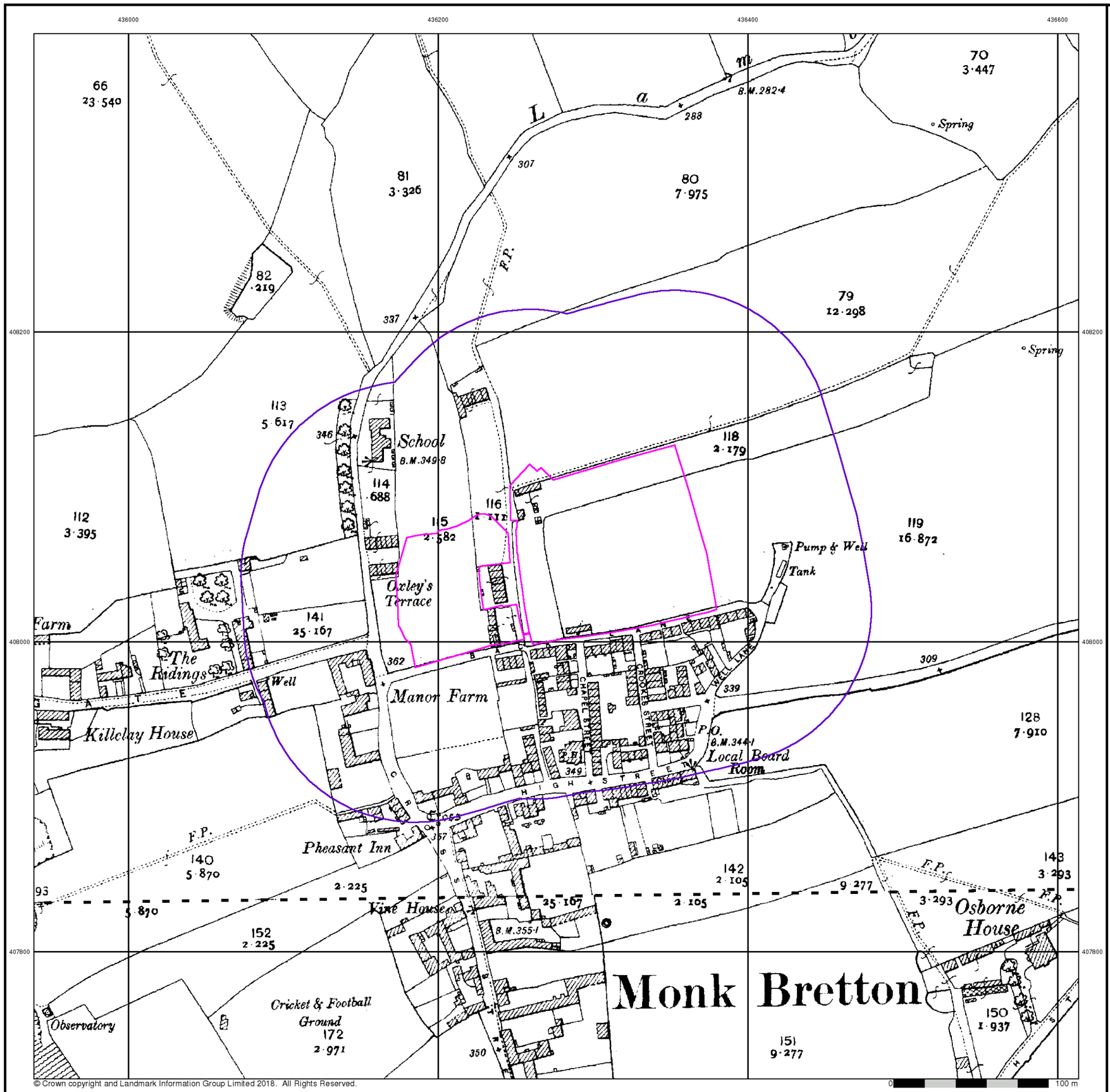
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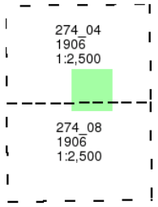
Yorkshire

Published 1906

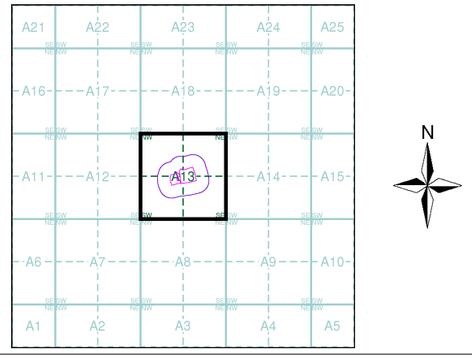
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



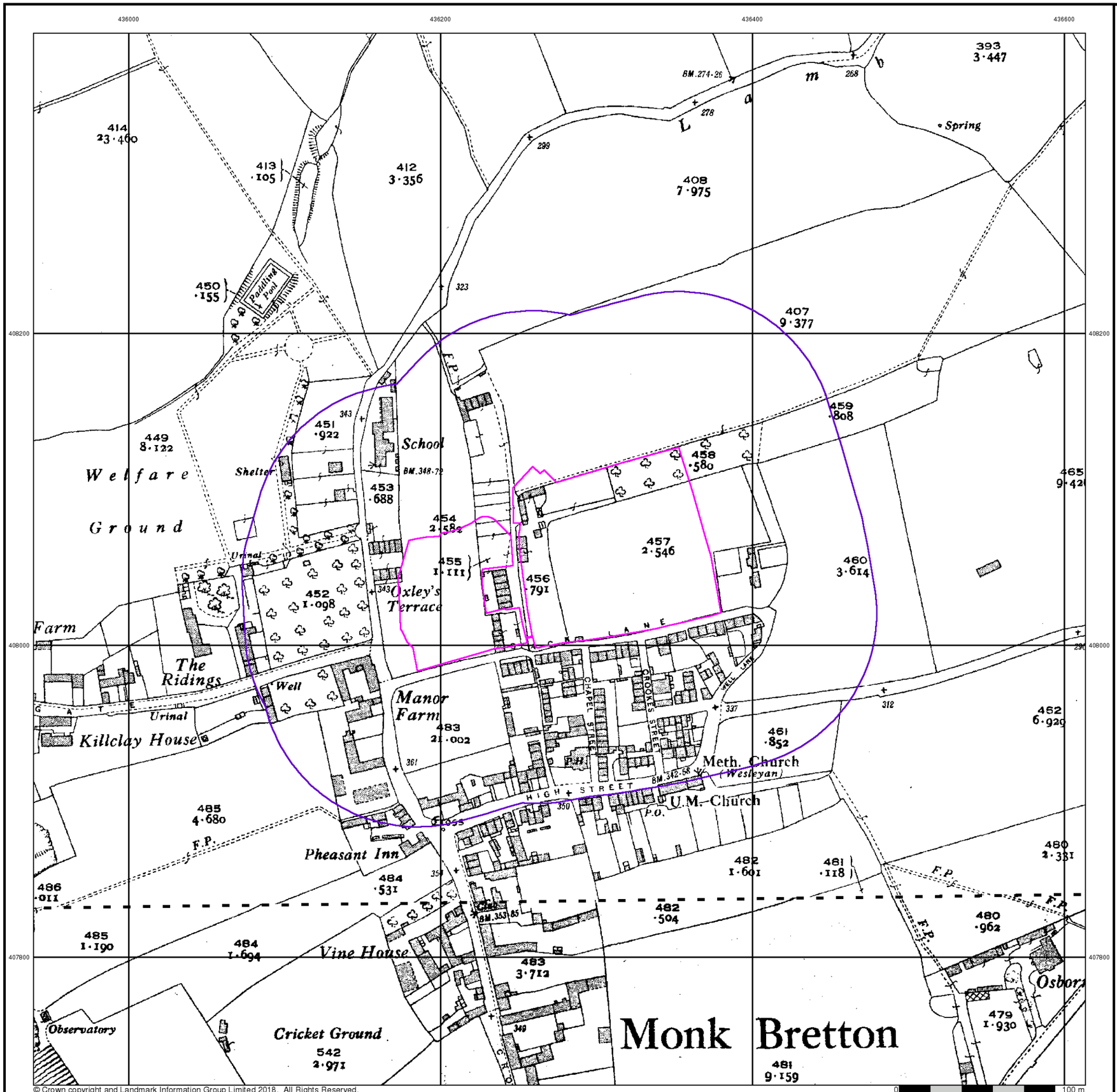
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	100

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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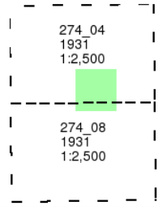
Yorkshire

Published 1931

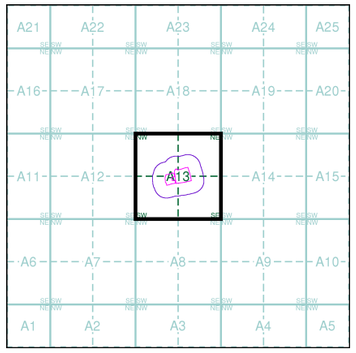
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



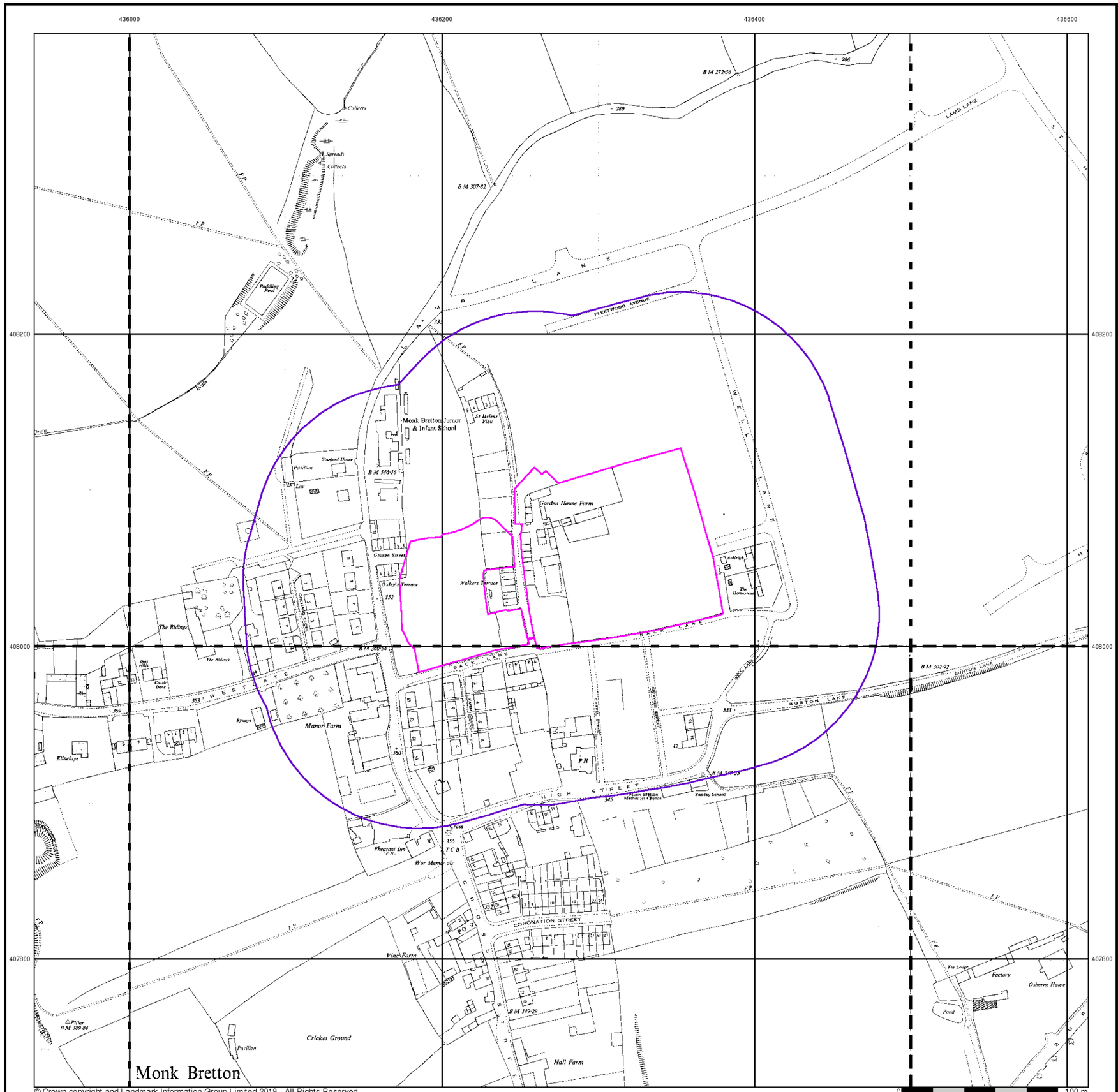
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arc environmental

Ordnance Survey Plan

Published 1961 - 1962

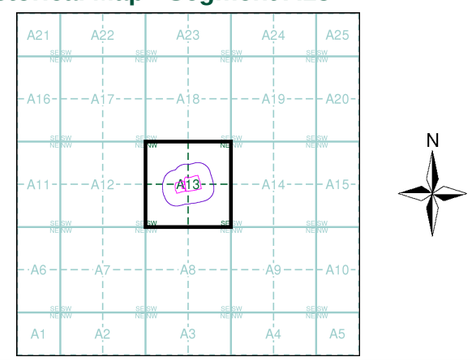
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SE3508SE 1961 1:1,250	SE3608SW 1961 1:1,250	SE3608SE 1961 1:1,250
SE3507NE 1962 1:1,250	SE3607NW 1961 1:1,250	SE3607NE 1961 1:1,250

Historical Map - Segment A13



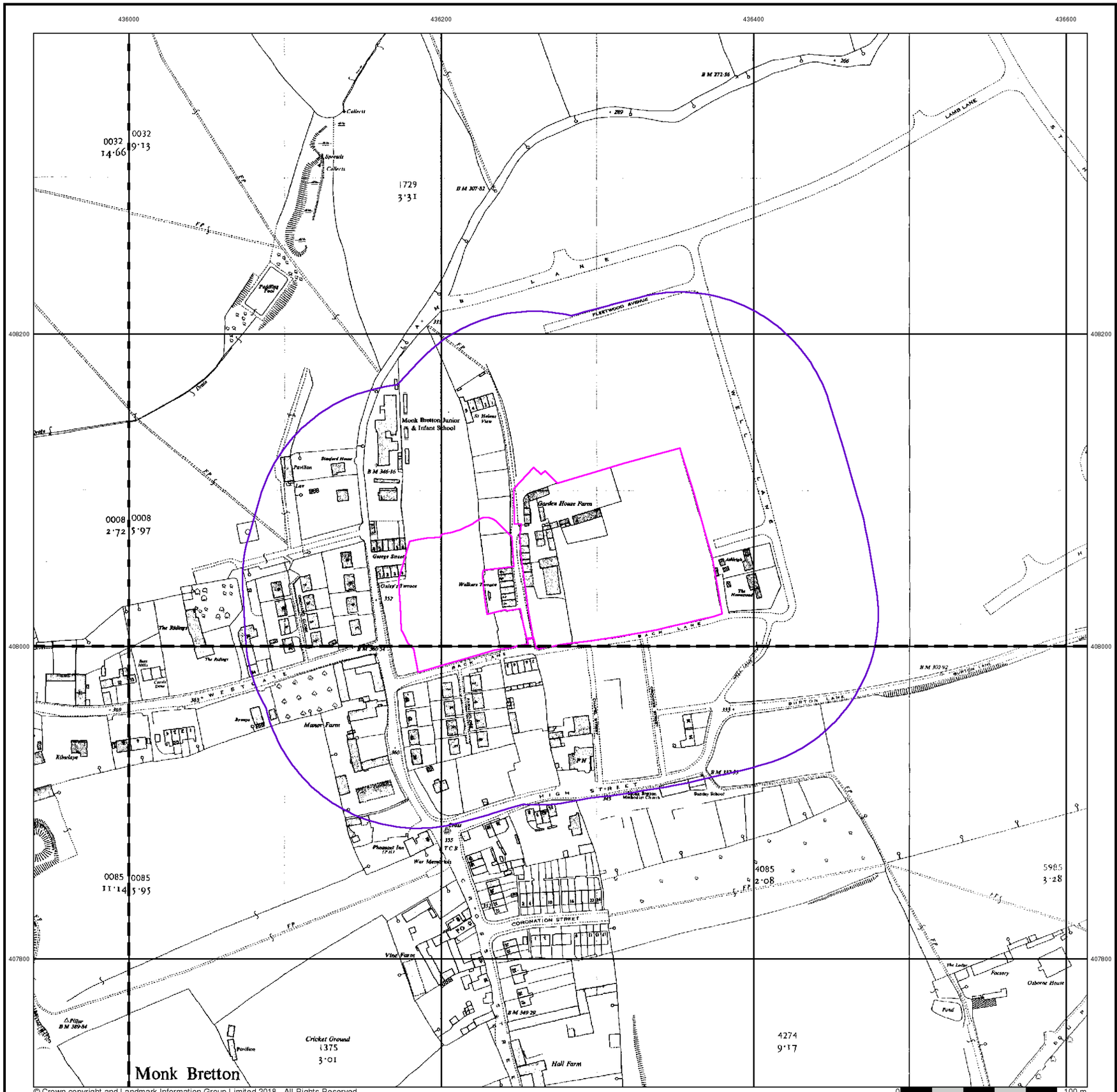
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	100

Site Details

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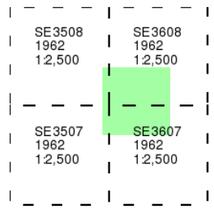
Ordnance Survey Plan

Published 1962

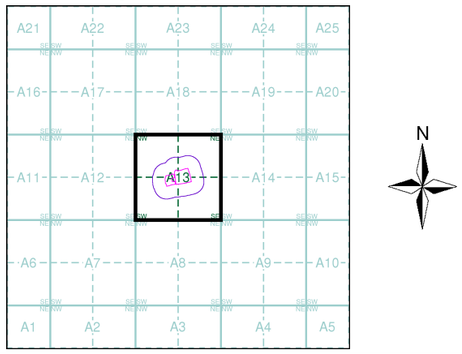
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



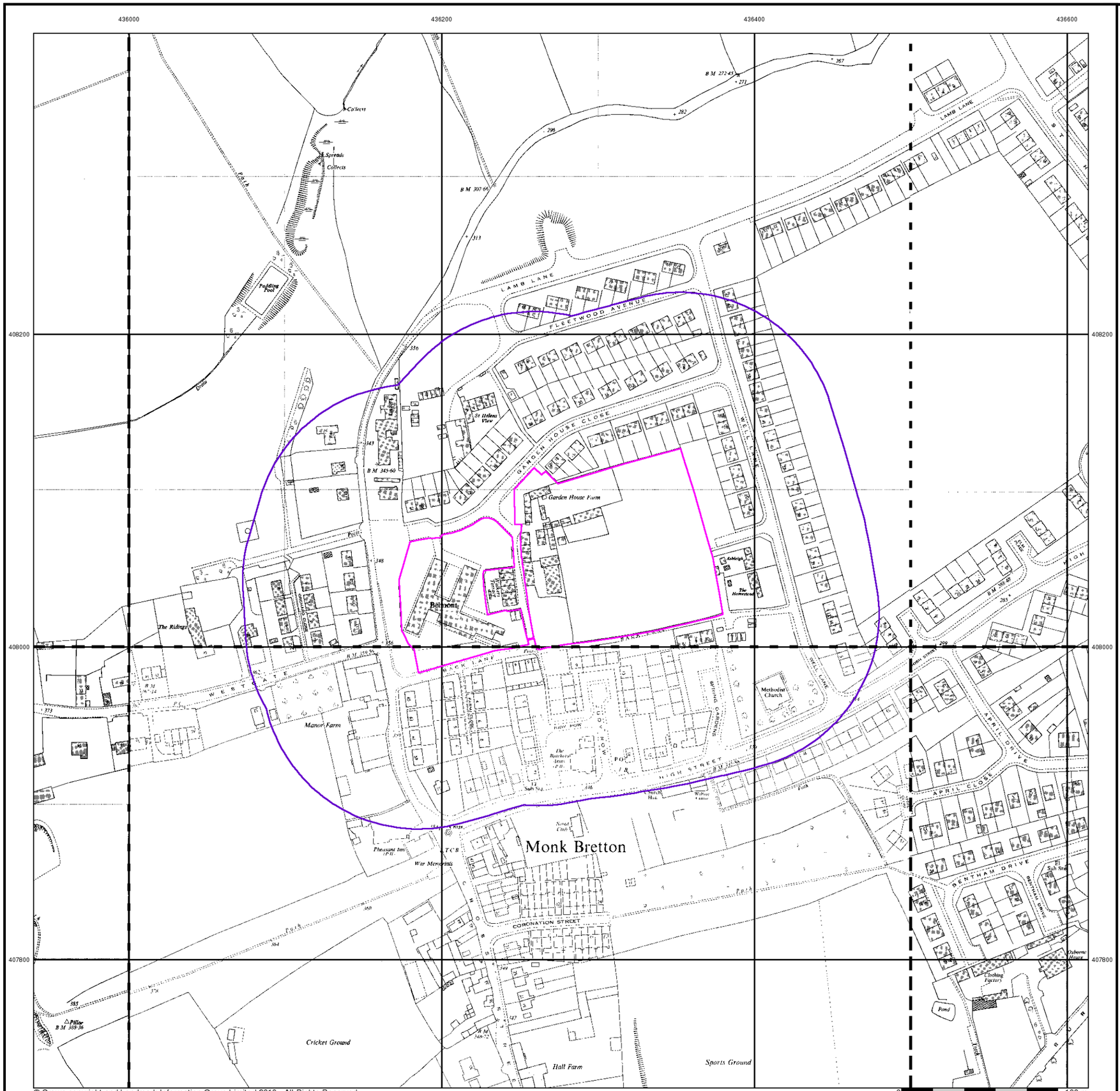
Order Details

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Slice:	A
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Search Buffer (m):	100

Site Details

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Ordnance Survey Plan

Published 1965 - 1970

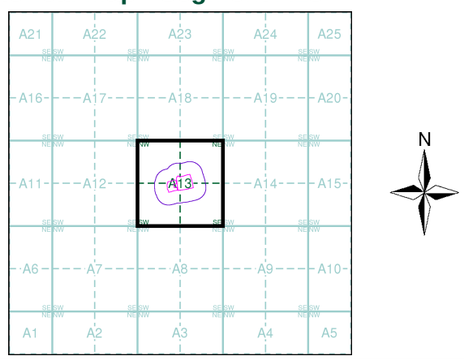
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SE3508SE 1970 1:1,250	SE3608SW 1965 1:1,250	SE3608SE 1965 1:1,250
SE3507NE 1969 1:1,250	SE3607NW 1968 1:1,250	SE3607NE 1968 1:1,250

Historical Map - Segment A13



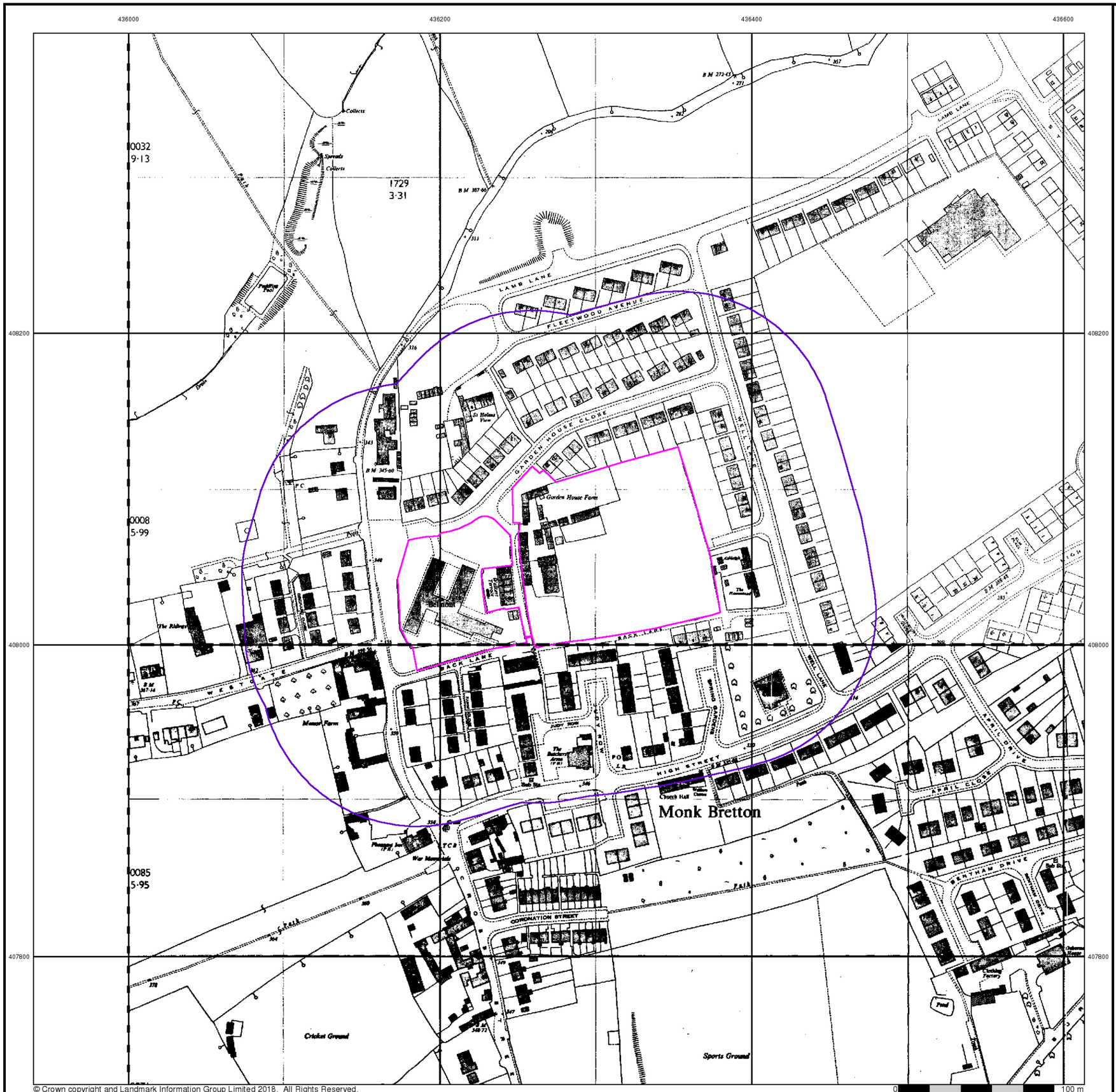
Order Details

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Site Details

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Ordnance Survey Plan

Published 1969 - 1971

Source map scale - 1:2,500

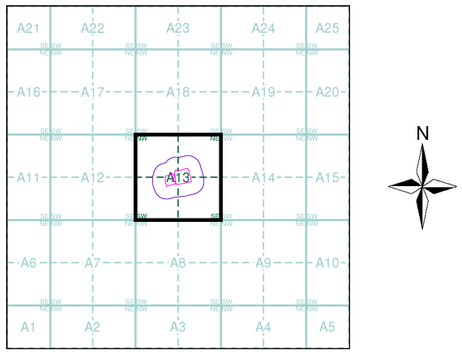
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

SE3608
1969
1:2,500

SE3607
1971
1:2,500

Historical Map - Segment A13



Order Details

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National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
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Site Details

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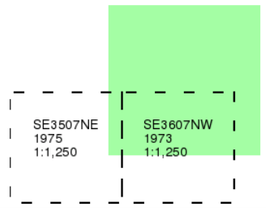
Ordnance Survey Plan

Published 1973 - 1975

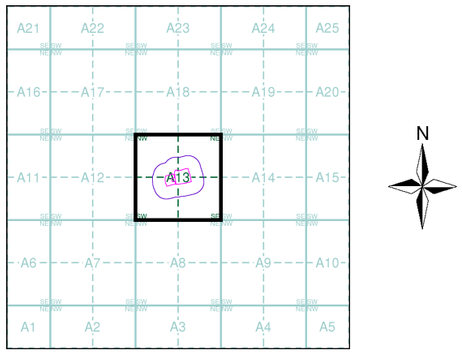
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



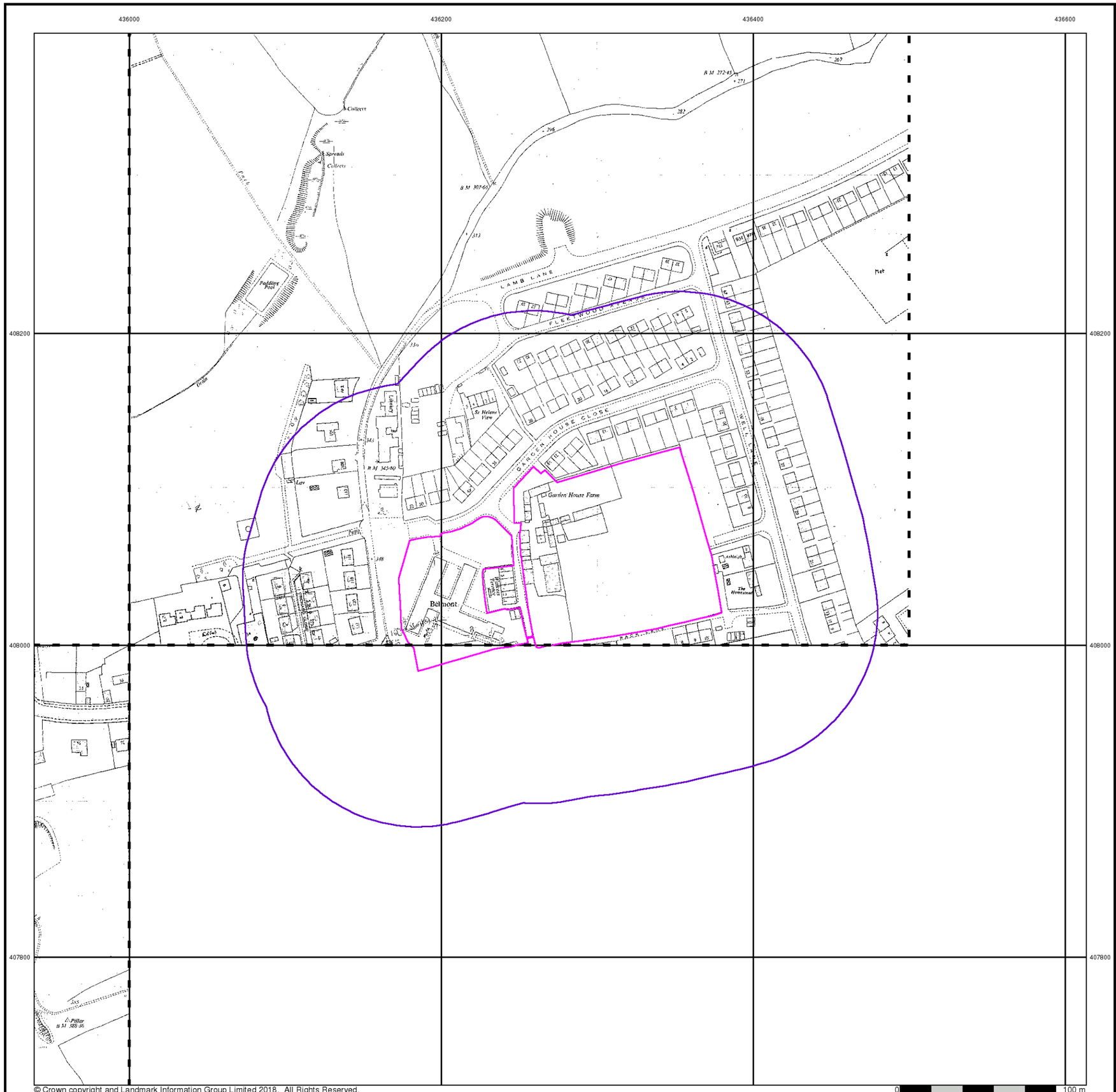
Order Details

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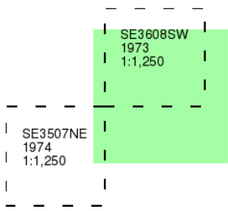
Supply of Unpublished Survey Information

Published 1973 - 1974

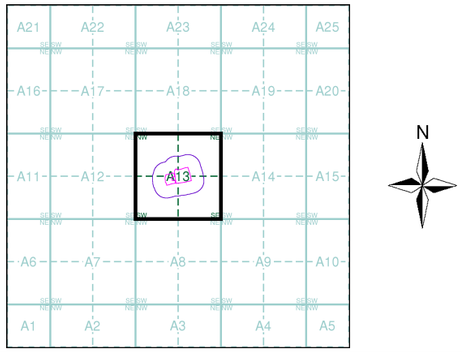
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a `work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



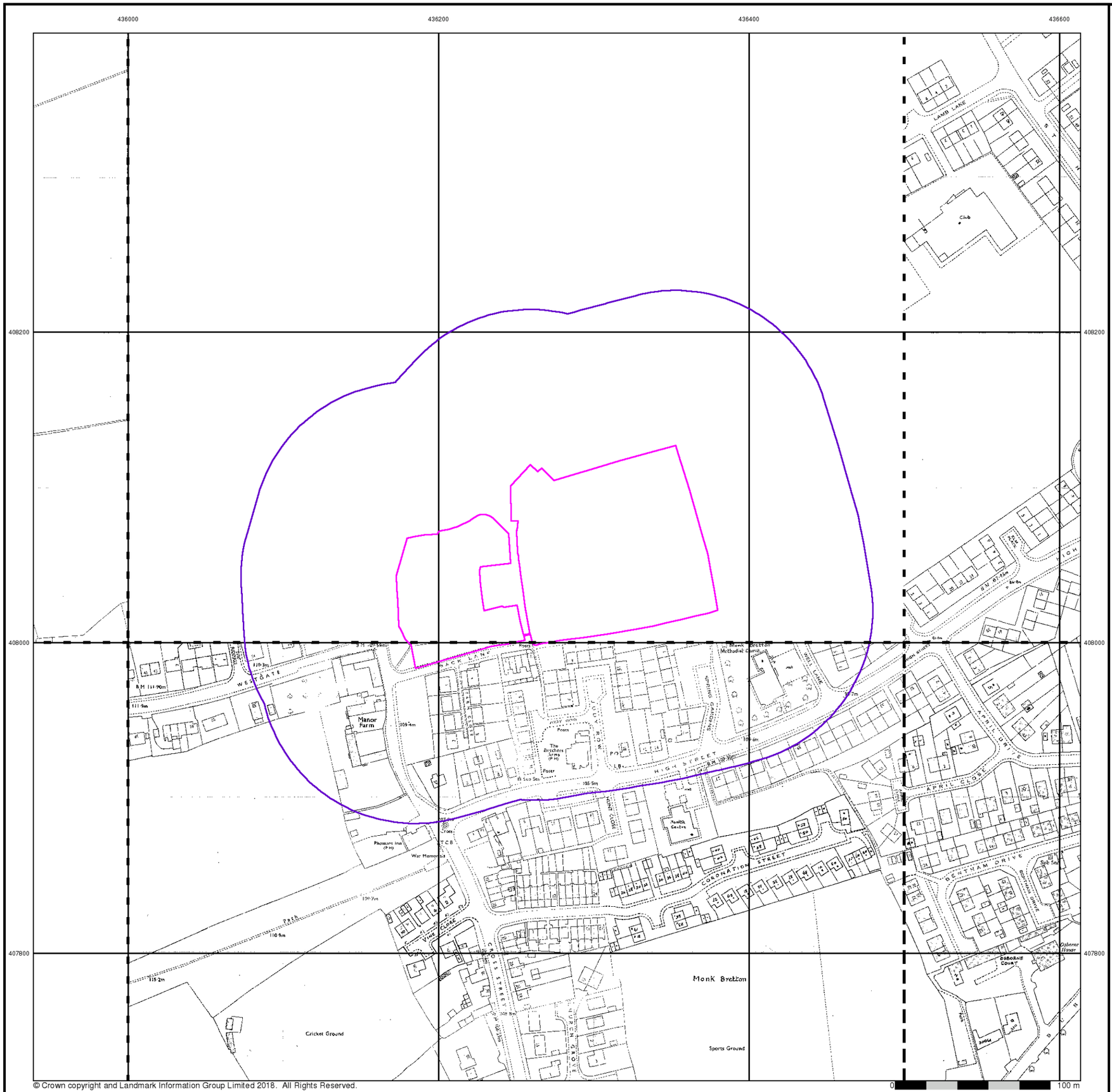
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	100

Site Details

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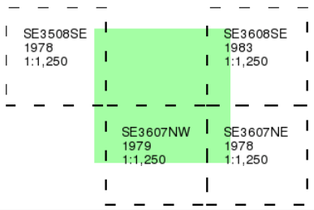
Additional SIMs

Published 1978 - 1983

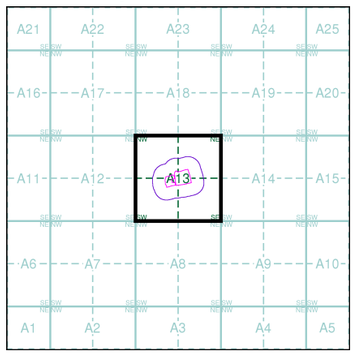
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



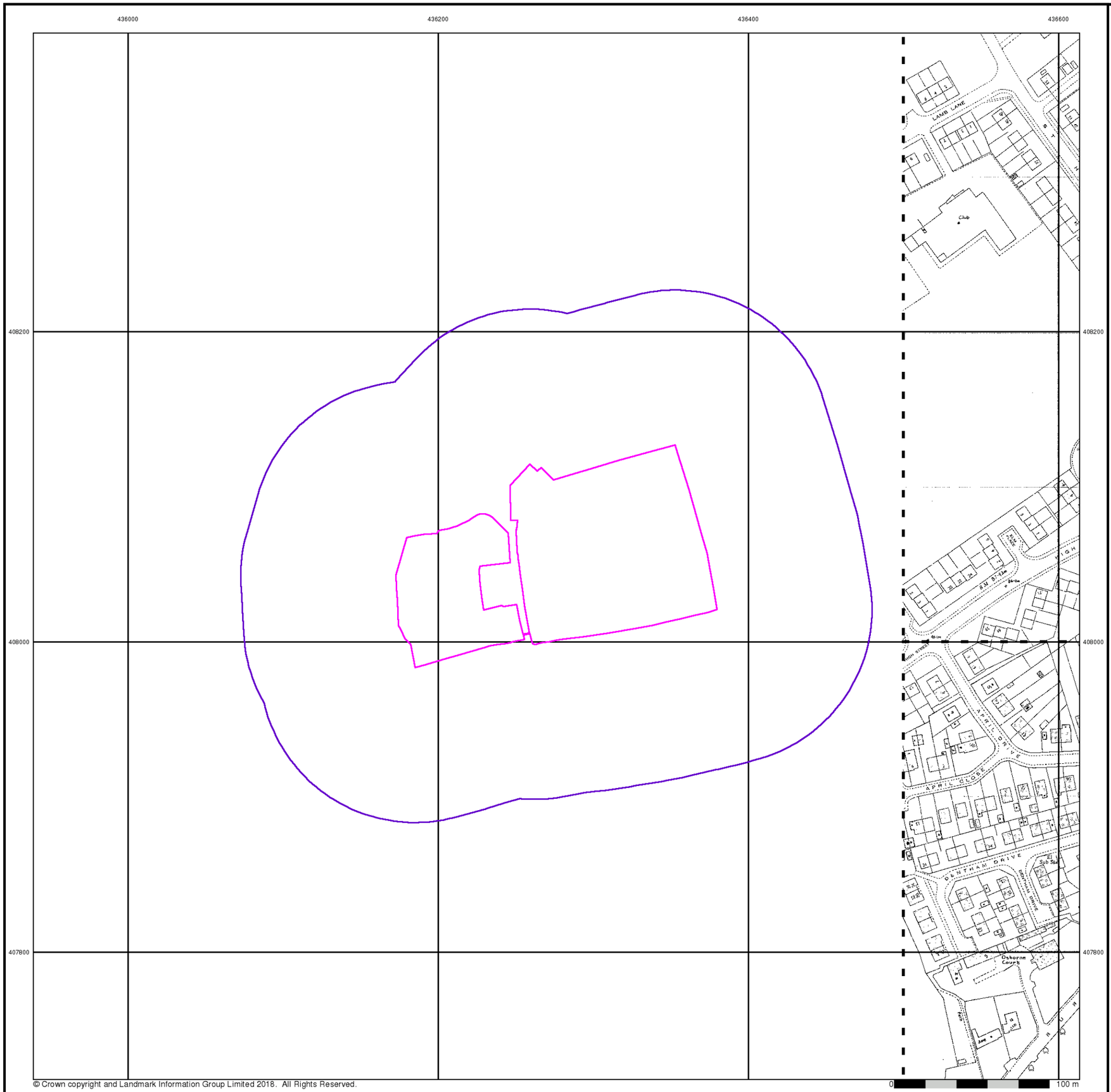
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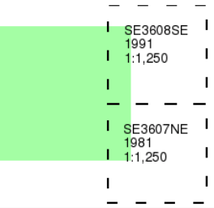
Additional SIMs

Published 1981 - 1991

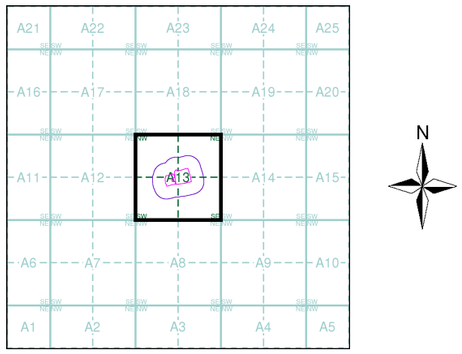
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

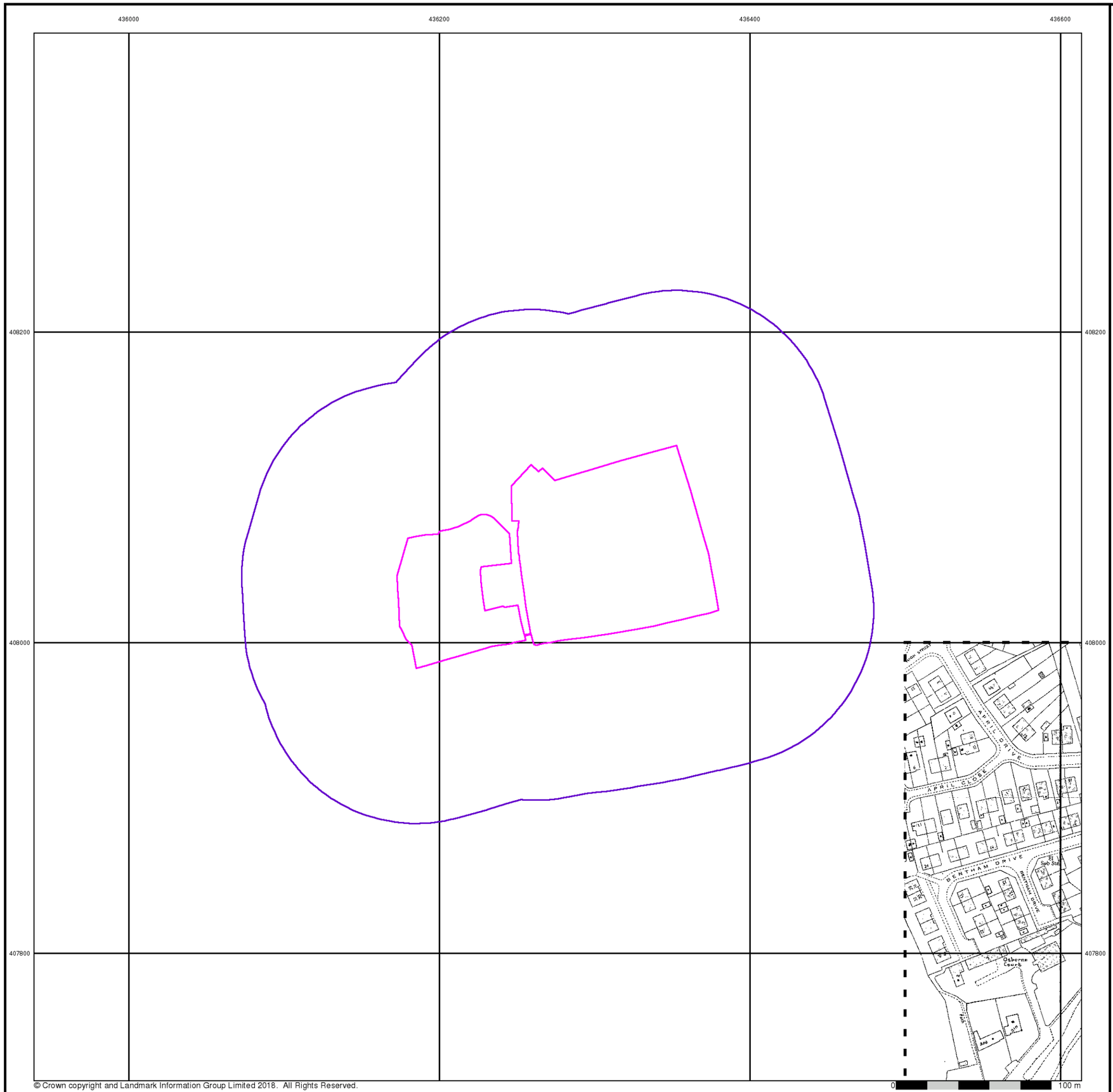
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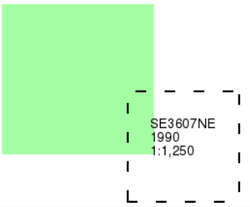
Additional SIMs

Published 1990

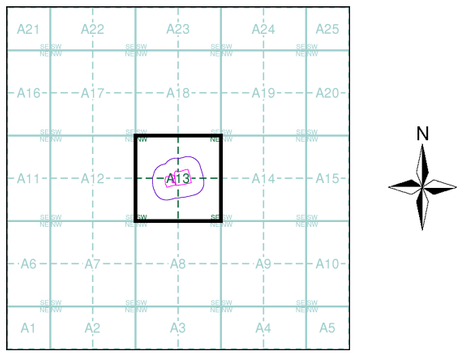
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's `Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13

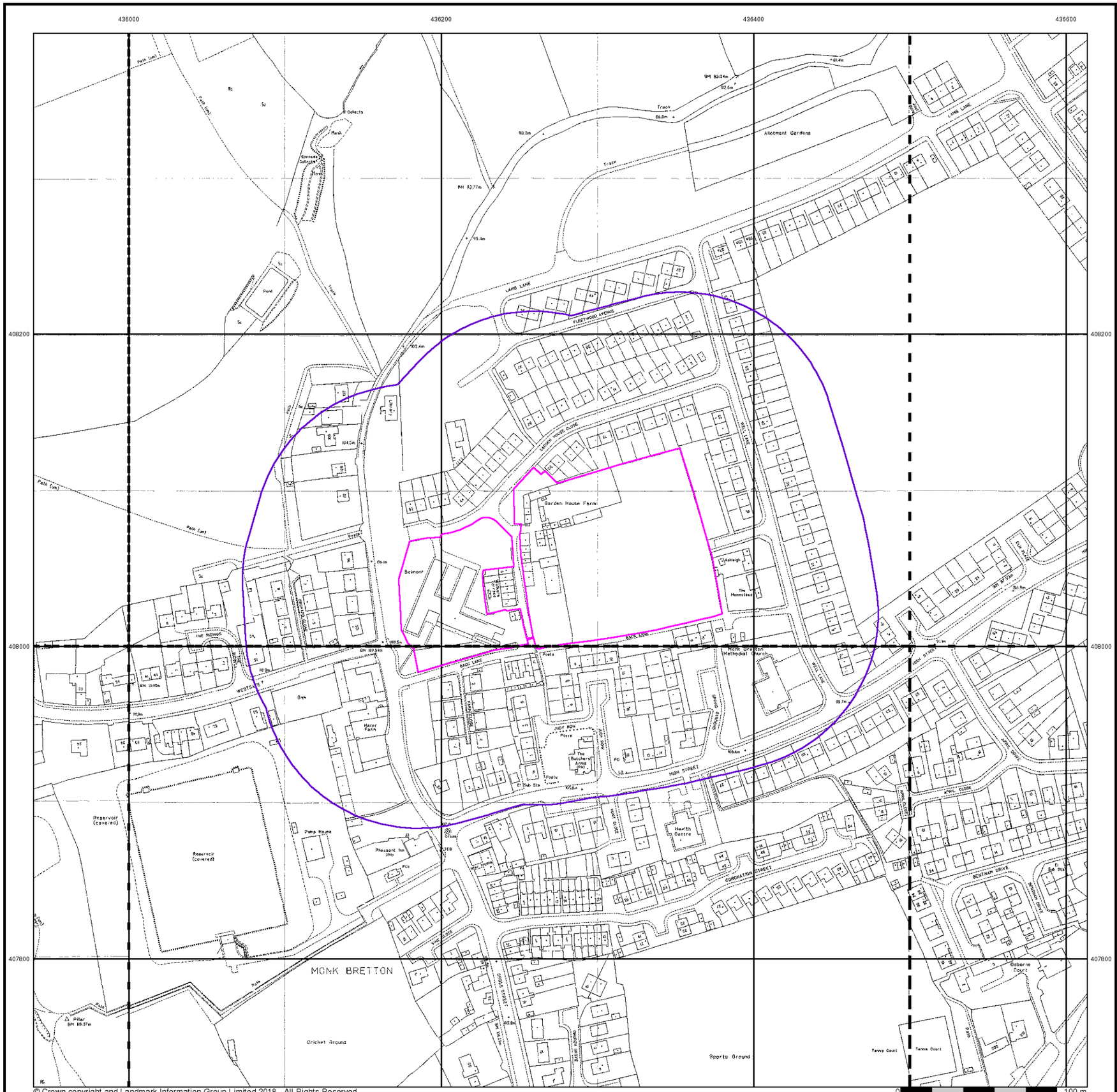


Order Details

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Site Area (Ha):	1.82
Search Buffer (m):	100

Site Details

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Large-Scale National Grid Data

Published 1993

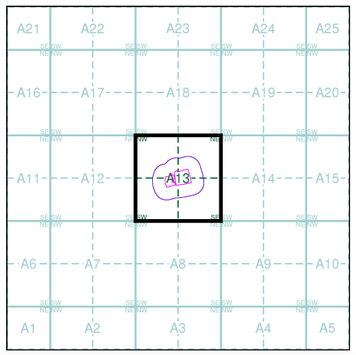
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

SE3508SE 1993 1:1,250	SE3608SW 1993 1:1,250	SE3608SE 1993 1:1,250
SE3507NE 1993 1:1,250	SE3607NW 1993 1:1,250	SE3607NE 1993 1:1,250

Historical Map - Segment A13



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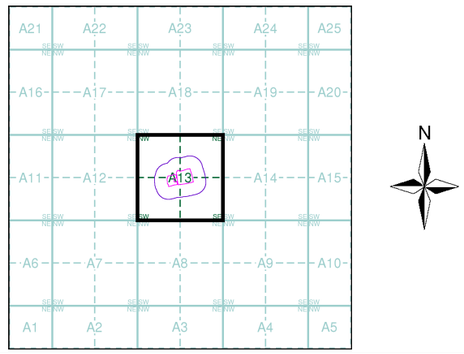


Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

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Site Details

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roads
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

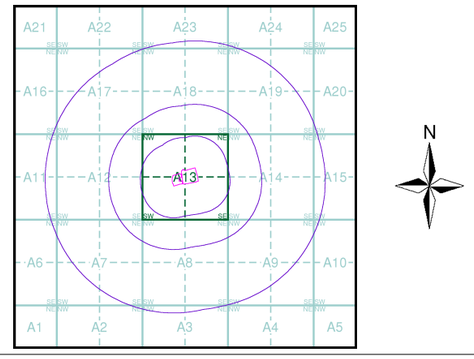
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Mud
Sand
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

arc environmental

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854 - 1855	2
Yorkshire	1:10,560	1894	3
Yorkshire	1:10,560	1906 - 1907	4
Yorkshire	1:10,560	1932	5
Yorkshire	1:10,560	1938	6
Yorkshire	1:10,560	1938 - 1948	7
Yorkshire	1:10,560	1948	8
Ordnance Survey Plan	1:10,000	1955 - 1956	9
Ordnance Survey Plan	1:10,000	1966	10
Ordnance Survey Plan	1:10,000	1973 - 1974	11
Ordnance Survey Plan	1:10,000	1983 - 1984	12
Ordnance Survey Plan	1:10,000	1993	13
10K Raster Mapping	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2018	16

Historical Map - Slice A



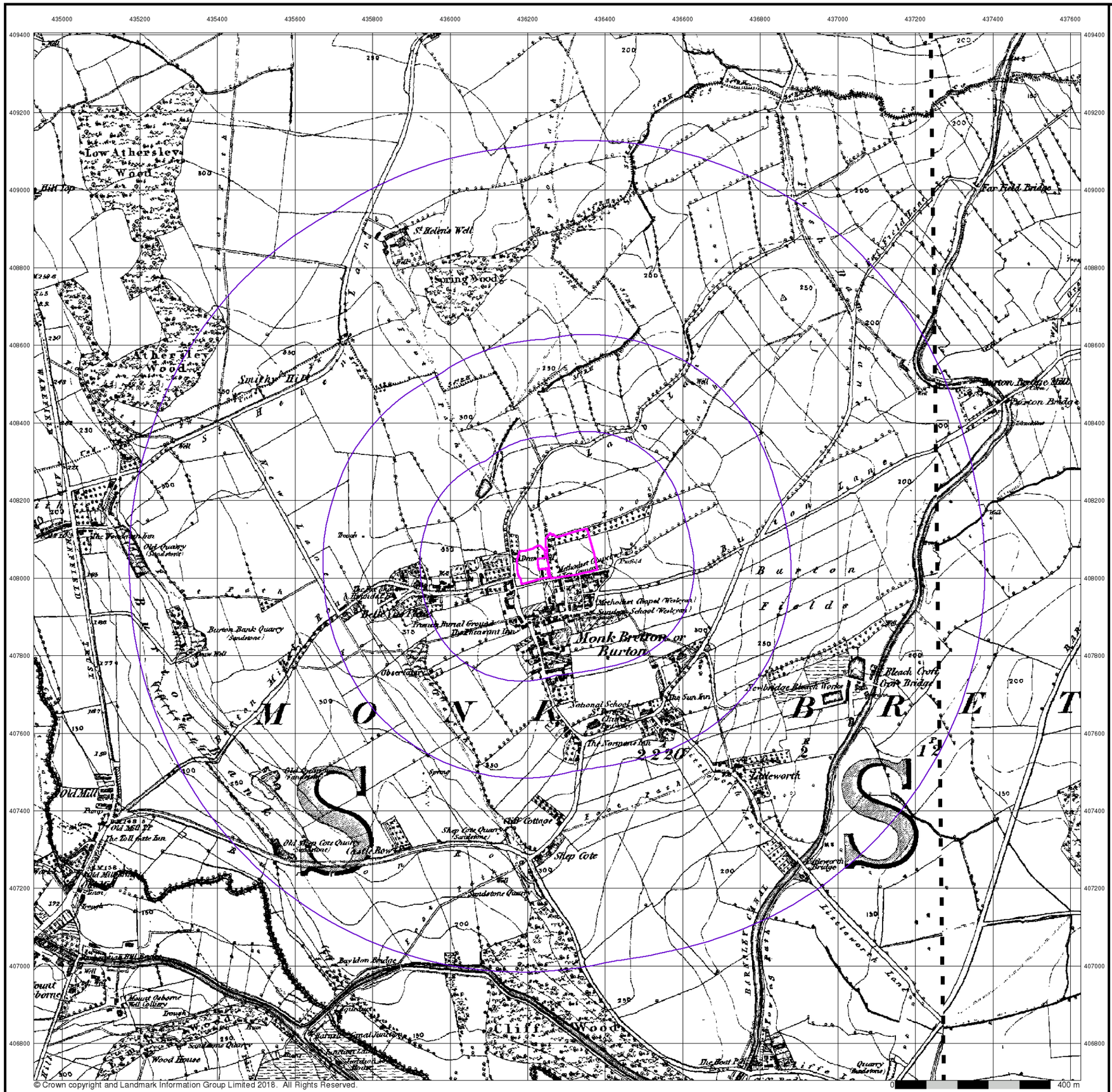
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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



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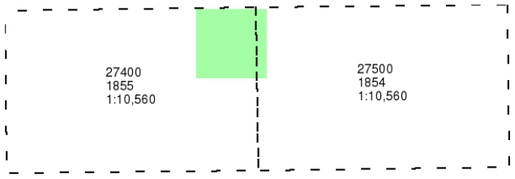
Yorkshire

Published 1854 - 1855

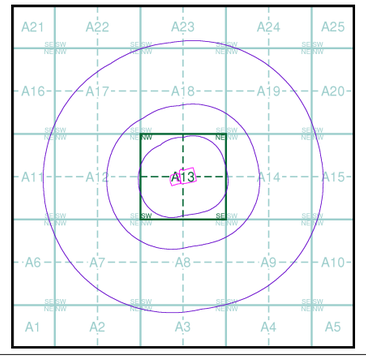
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



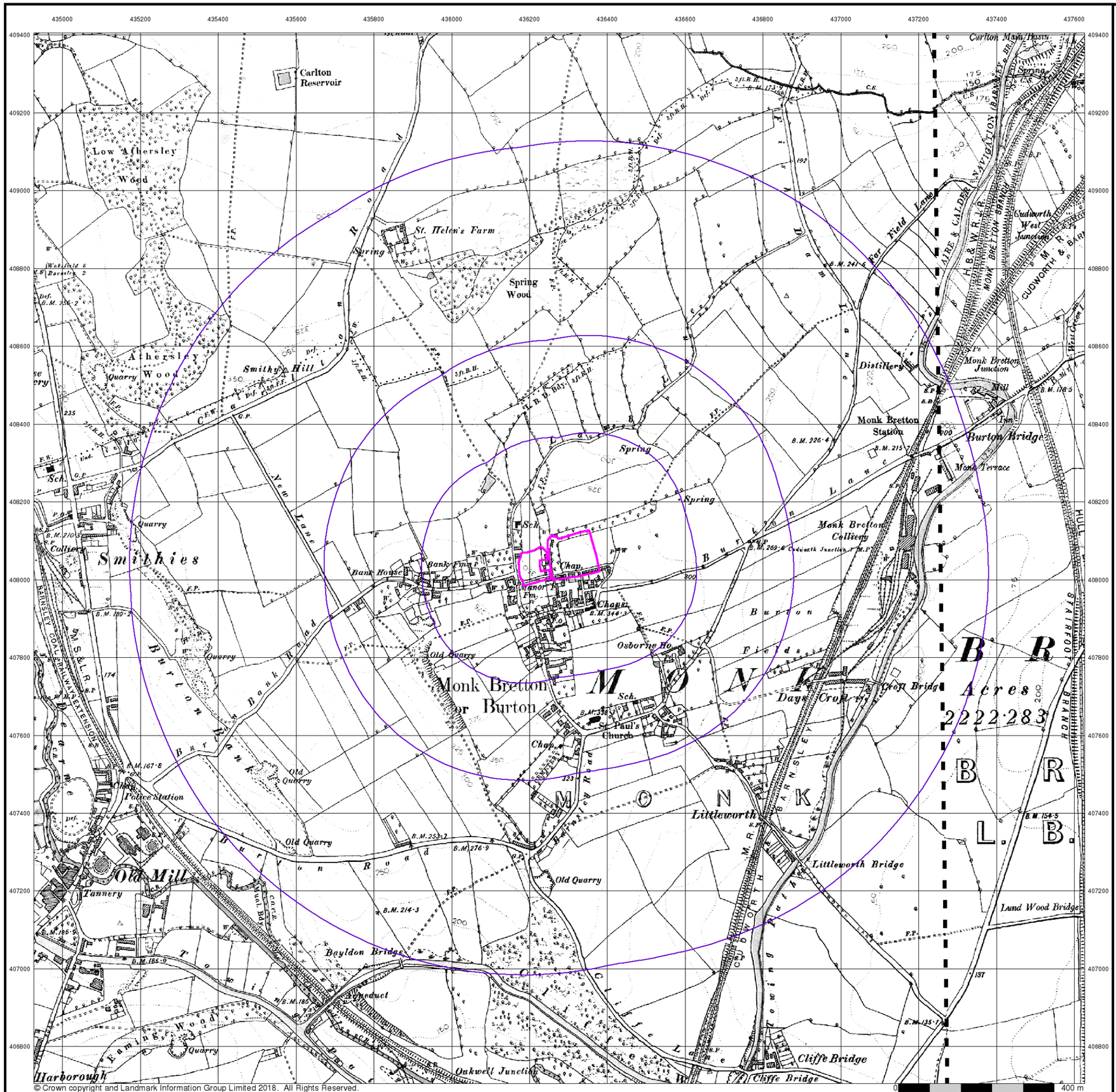
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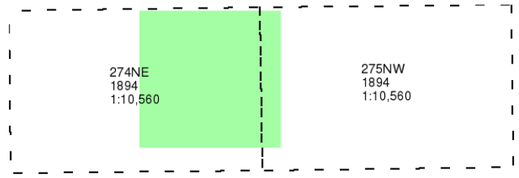
Yorkshire

Published 1894

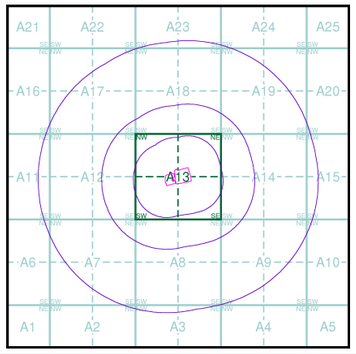
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



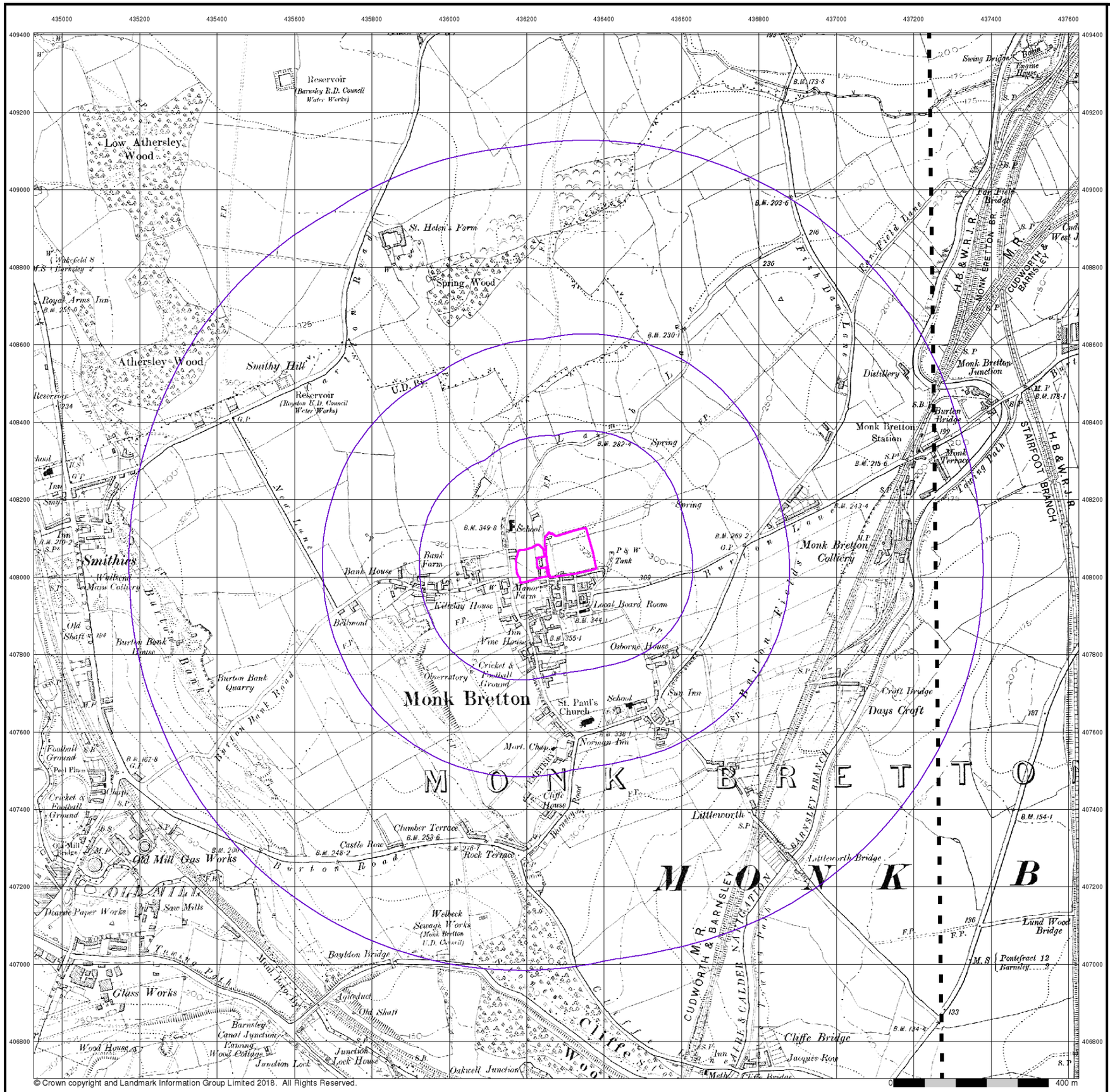
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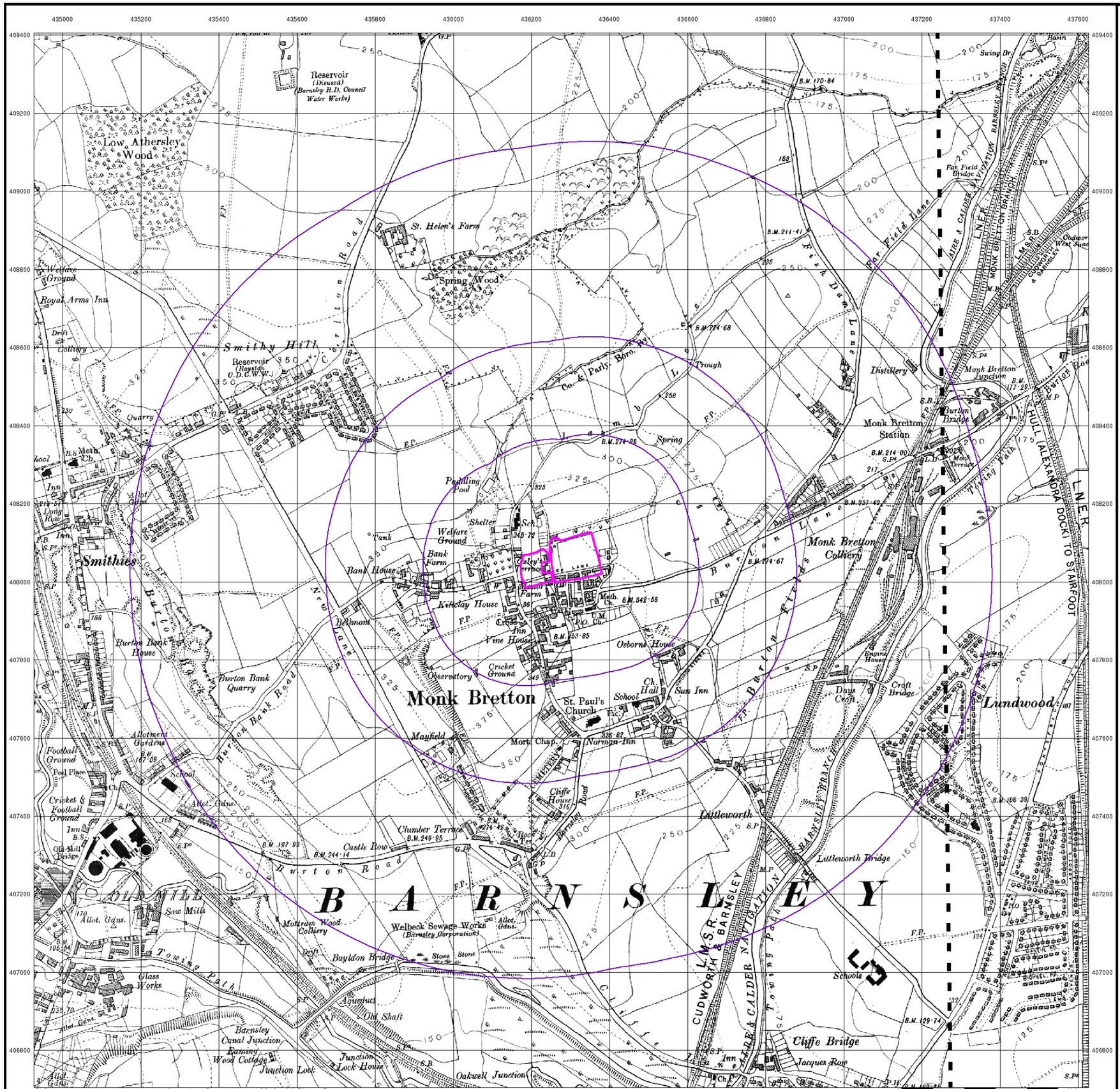
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435000
435200
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437400
437600
409400
409200
409000
408800
408600
408400
408200
408000
407800
407600
407400
407200
407000
406800
Reservoir
(Barnsley R.D. Council Water Works)
Low Athersley Wood
St. Helen's Farm
Spring Wood
Royal Arms Inn
Athersley Wood
Smithy Hill
Reservoir
(Royston U. D. Council Water Works)
Swing Bridge
Tagine House
Fox Field Bridge
Fox Field Lane
Fifth Dam
Monk Bretton Junction
Distillery
Burton Bridge
Monk Bretton Station
Monk Terrace
Towing Path
Monk Bretton Colliery
Smithies
Whitwood Main Colliery
Old Shaft
Burton Bank House
Burton Bank Quarry
Bank Farm
Bank House
Kirkdale House
Manor Farm
Local Board Room
Bellmond
Vine House
Osborne House
Cricket & Football Ground
Observatory
Monk Bretton
St. Paul's Church
School
Sun Inn
Croft Bridge
Days Croft
Norman Inn
Cliffe House
Chamber Terrace
Castle Row
Rock Terrace
Old Mill Gas Works
Littleworth
Littleworth Bridge
Dearne Paper Works
Saw Mills
Welbeck Sewage Works
(Monk Bretton U.D. Council)
Baylden Bridge
Glass Works
Aqueduct
Old Shaft
Barnsley Canal Junction
Tanning
Wood Cottage
Junction Lock House
Junction Lock
Wood House
Oakwell Junction
Cliffe Bridge
Jacques Row
Lund Wood Bridge
Pontefract 12
Barnsley 3
MONK BRETTON
MONK
Cliffe Wood
H.B. & W.R.J.R.
MONK BRETTON BR.
M.R.
CUDWORTH & BARNSLEY
STAIRFOOT BRANCH
BARNSLEY BRANCH
AIRE & CALDER NAVIGATION
Burton Road
Burton Bank Road
Barnsley Road
Mill Lane
Mill Bridge Lane
Footpath
F.P.
B.M. 173·6
B.M. 203·6
B.M. 230·1
B.M. 282·4
B.M. 349·6
B.M. 269·2
B.M. 243·4
B.M. 215·6
B.M. 178·1
B.M. 154·1
B.M. 134·2
B.M. 355·1
B.M. 344·1
B.M. 336
B.M. 253·6
B.M. 248·2
B.M. 200
B.M. 167·8
B.M. 255·0
B.M. 270·2
B.M. 234
Reservoir
Inn
Smithy
Footbill Ground
Cricket & Football Ground
Chapel
Old Mill Bridge
Old Mills
Tank
Well
Spring
Pond
Pond Plan
Old Shaft 184
School
P & W Tank
Mort. Chapel
Cliffe House
Castle Row
Rock Terrace
Littleworth
Lund Wood Bridge
Pontefract 12
Barnsley 3
Wood House
Junction Lock House
Junction Lock
Oakwell Junction
Cliffe Bridge
Jacques Row
Meth.
Inn



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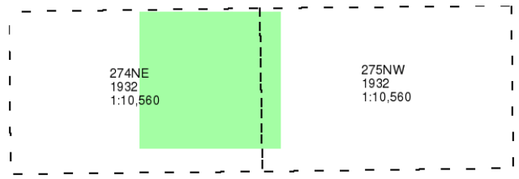
Yorkshire

Published 1932

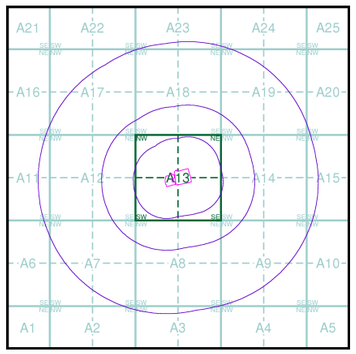
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



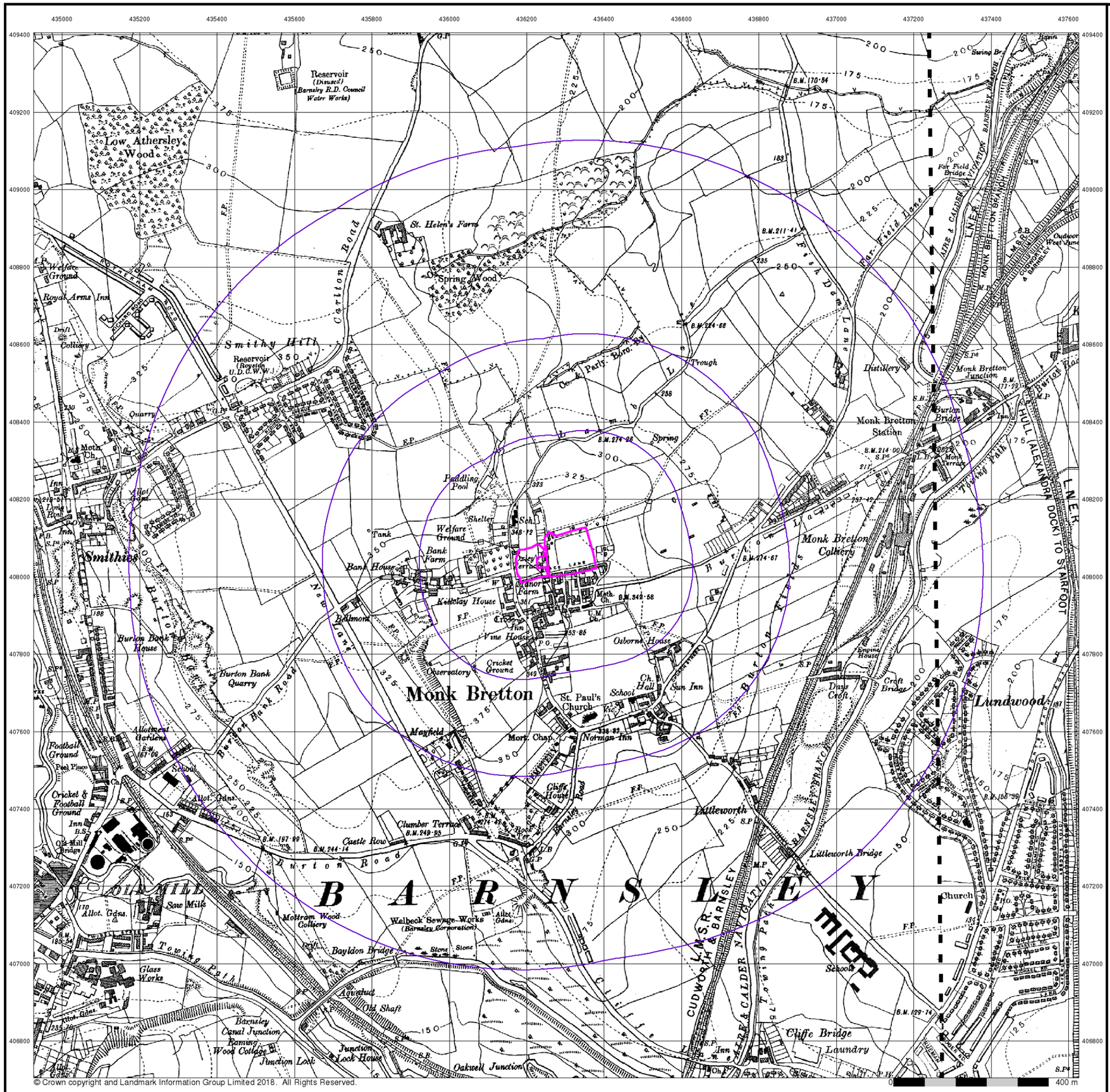
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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Web: www.envirocheck.co.uk



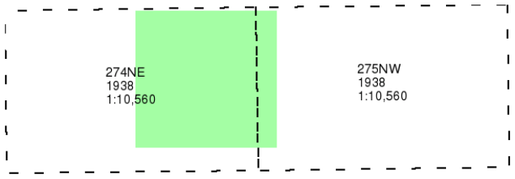
Yorkshire

Published 1938

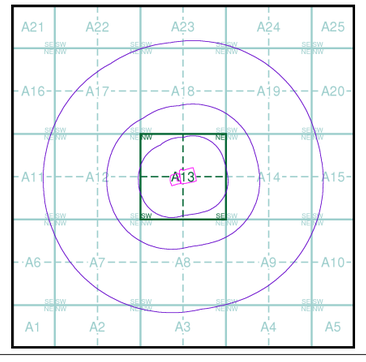
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

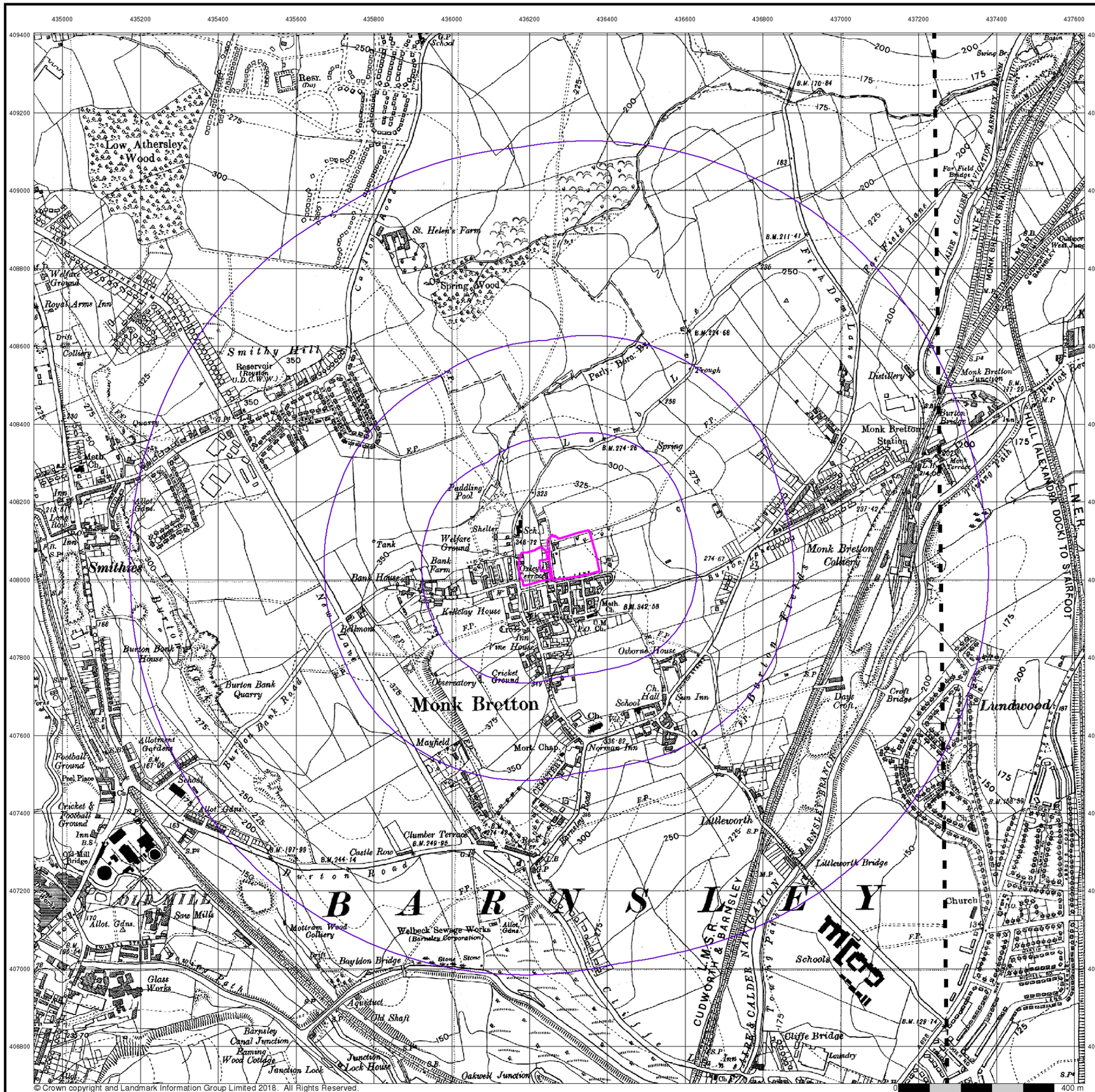
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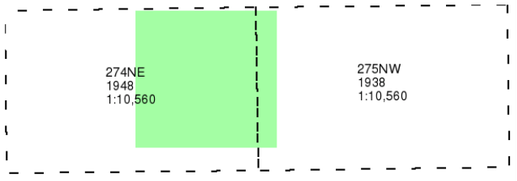
Yorkshire

Published 1938 - 1948

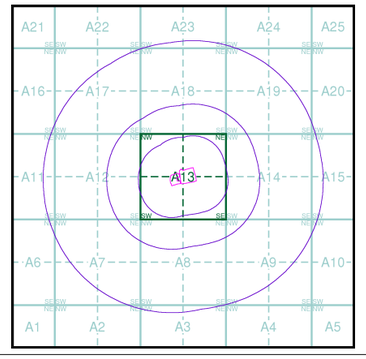
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

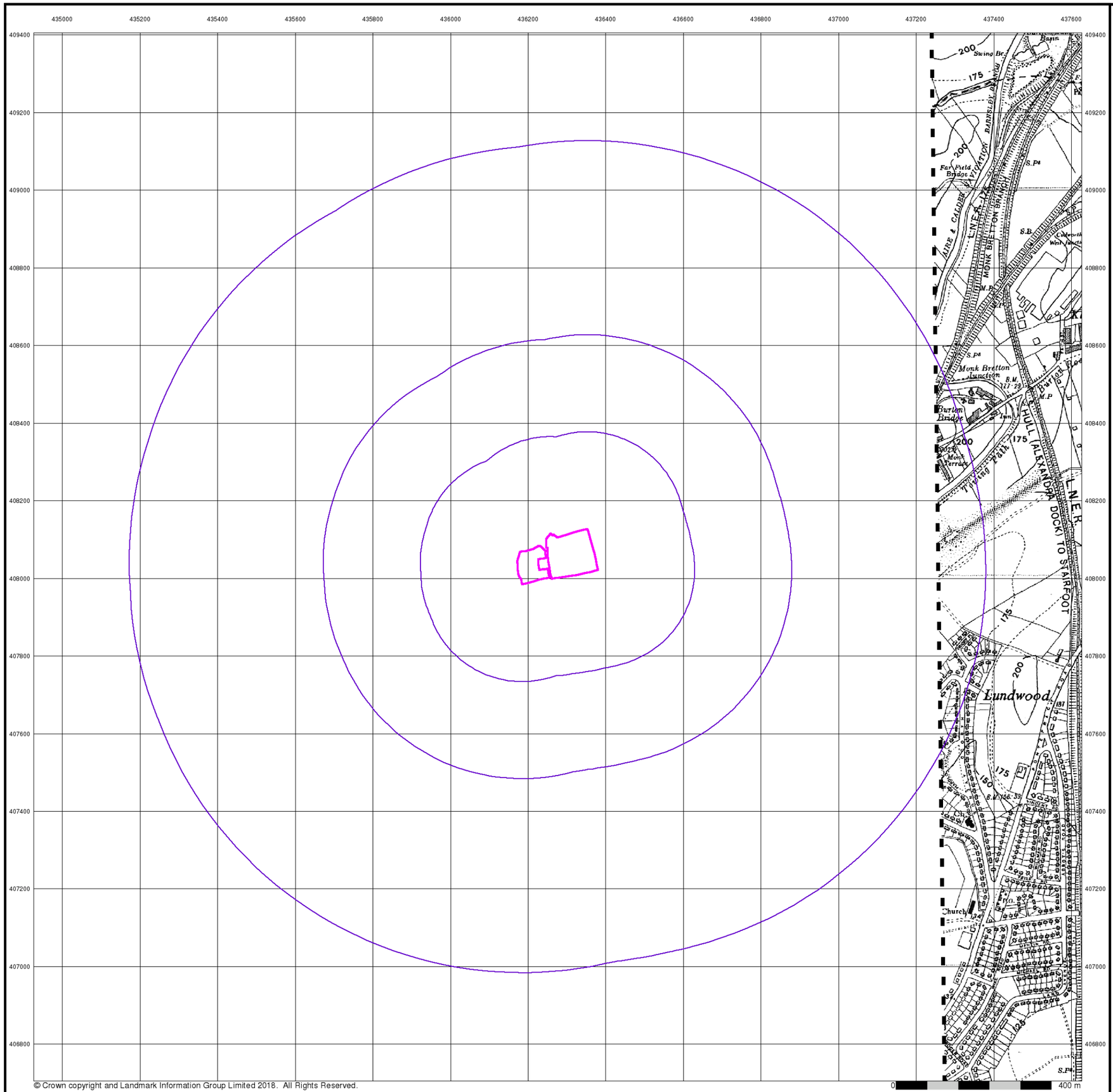
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arc environmental

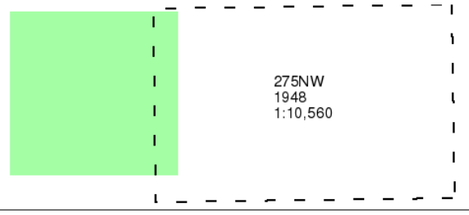
Yorkshire

Published 1948

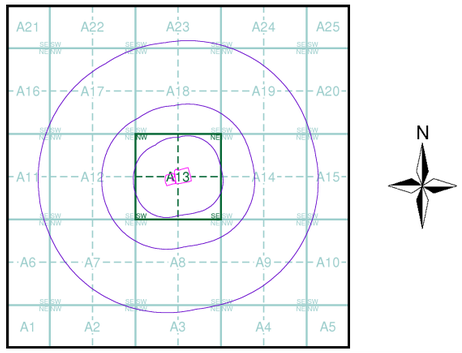
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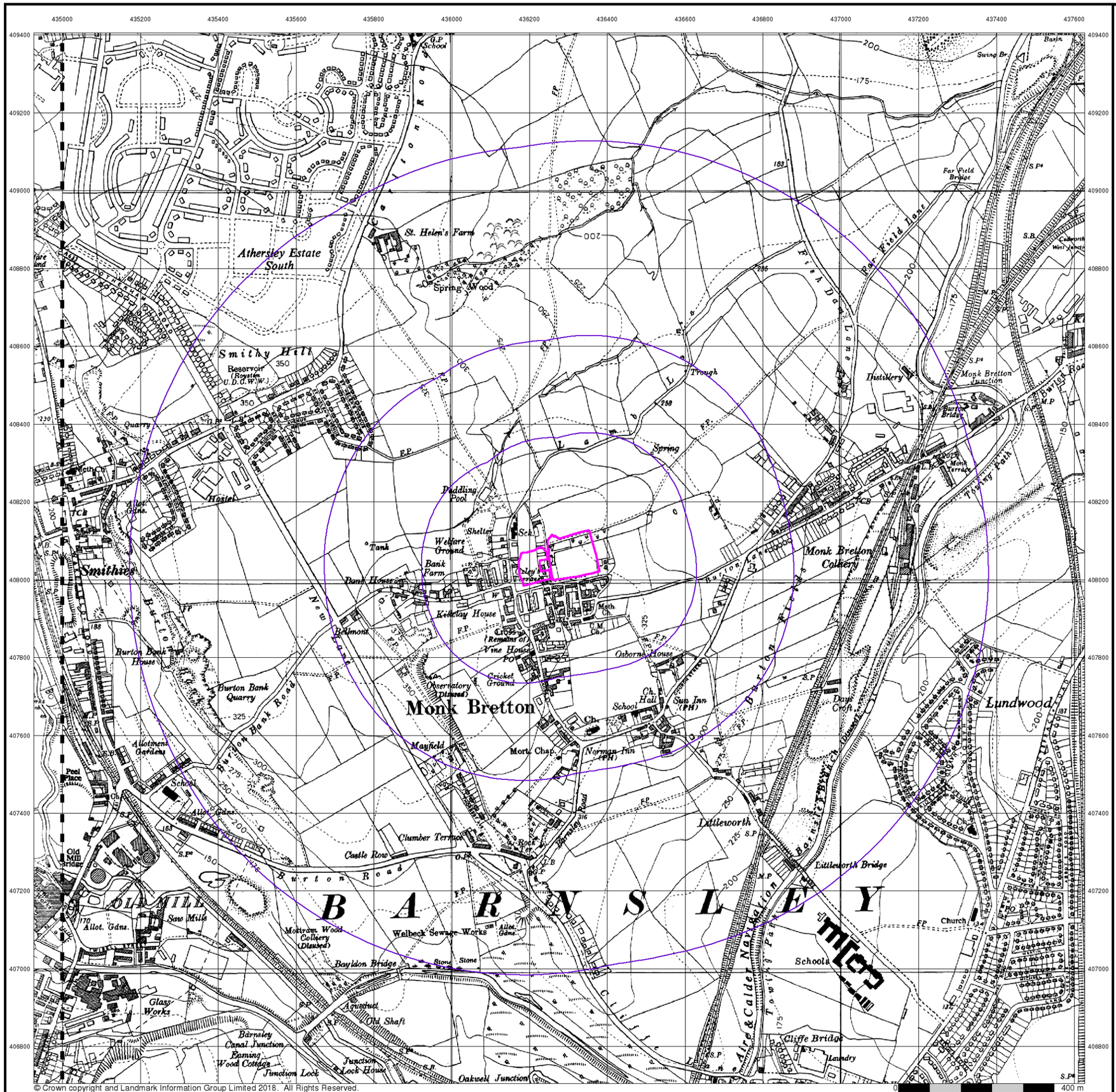
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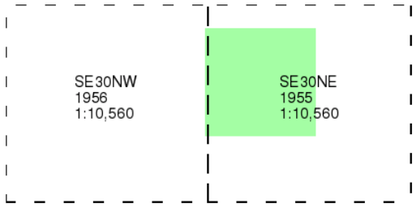
Ordnance Survey Plan

Published 1955 - 1956

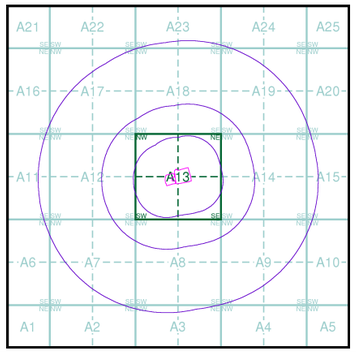
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Map Name(s) and Date(s)



Historical Map - Slice A



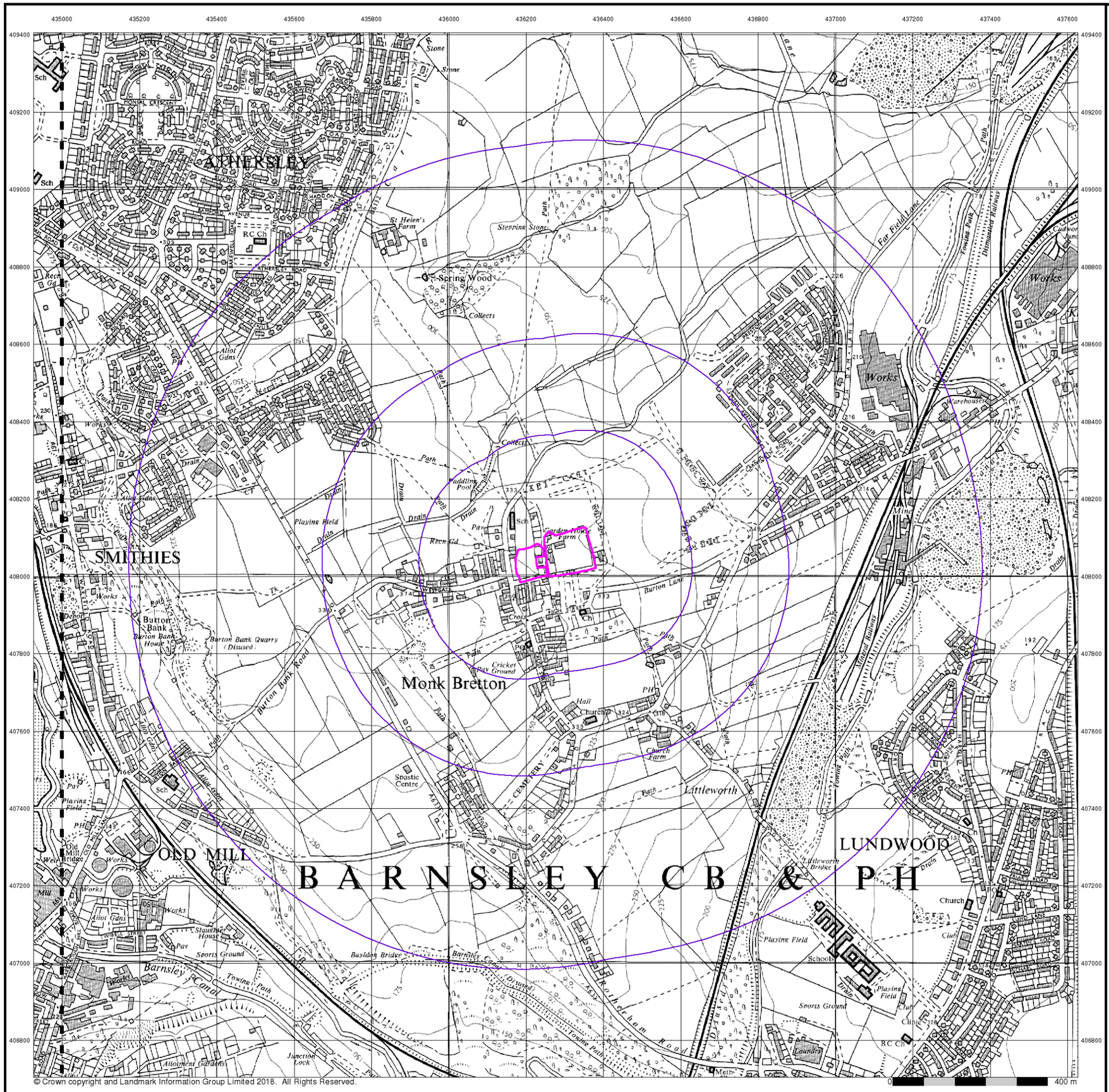
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Ordnance Survey Plan

Published 1966

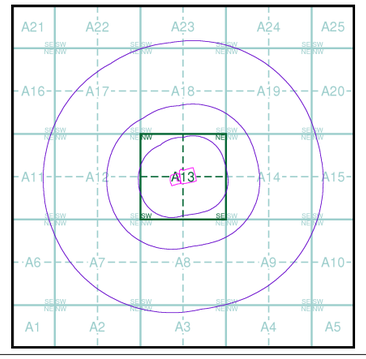
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE30NW 1966 1:10,560	SE30NE 1966 1:10,560

Historical Map - Slice A



Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

Land between Back Lane & Garden House Close, Monk Bretton, Barnsley, Yorkshire, S71 2EB

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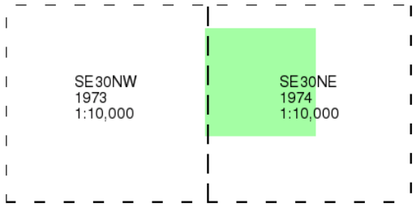
Ordnance Survey Plan

Published 1973 - 1974

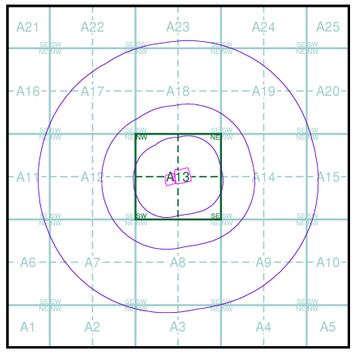
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



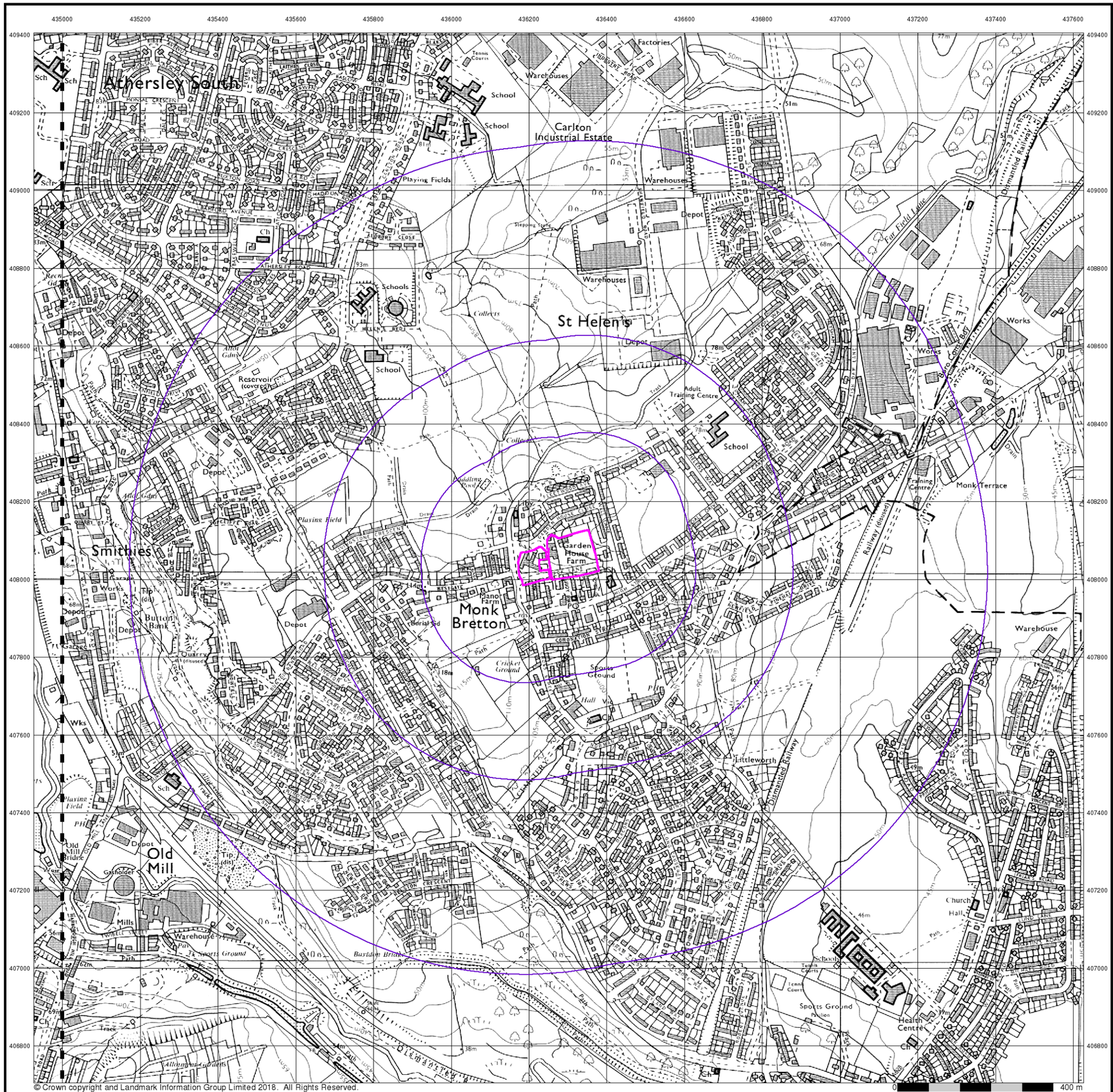
Order Details

Order Number:	173947909_1_1
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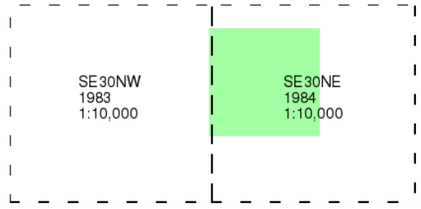
Ordnance Survey Plan

Published 1983 - 1984

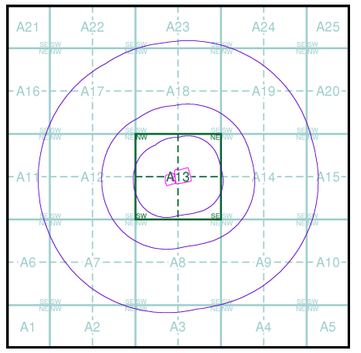
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



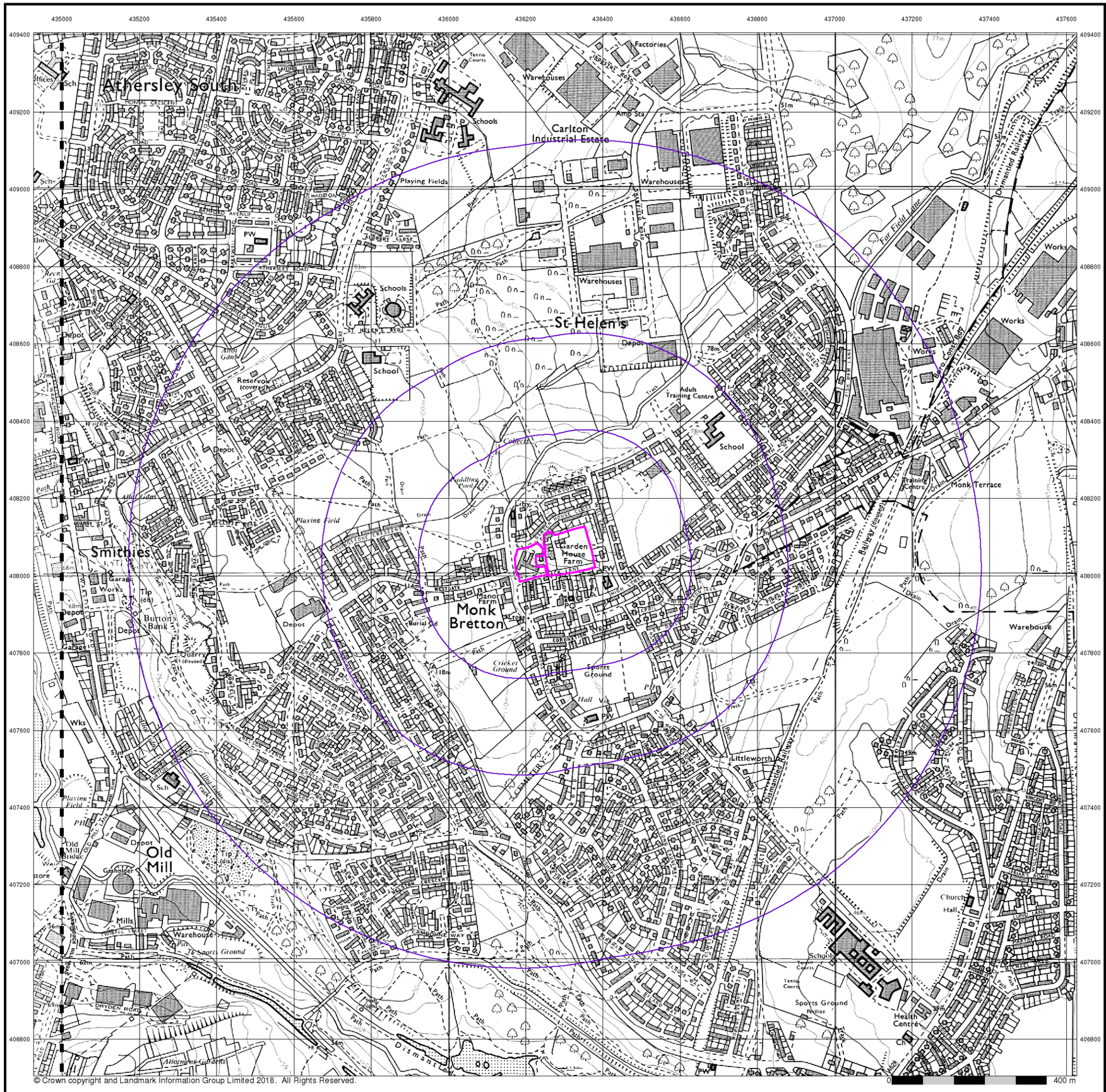
Order Details

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National Grid Reference:	436280, 408050
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Site Area (Ha):	1.82
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Site Details

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Ordnance Survey Plan

Published 1993

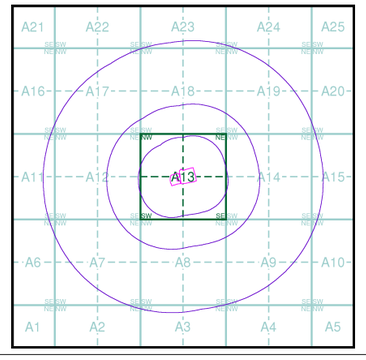
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE30NW	SE30NE
1993	1993
1:10,000	1:10,000

Historical Map - Slice A



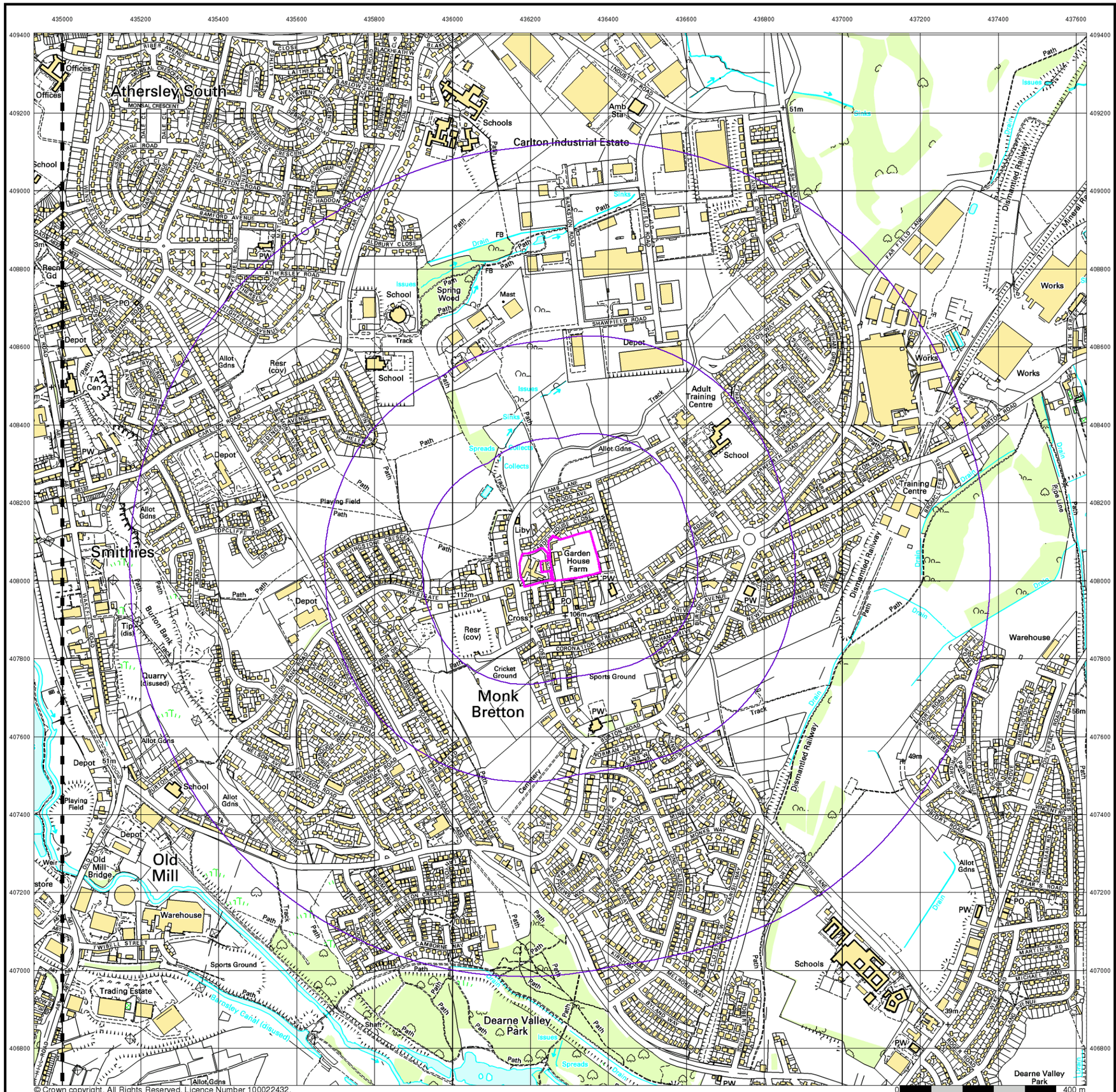
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
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Site Area (Ha):	1.82
Search Buffer (m):	1000

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10k Raster Mapping

Published 2000

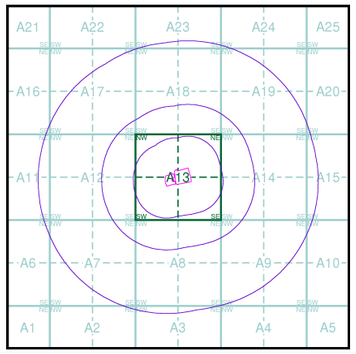
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE30NW	SE30NE
2000	2000
1:10,000	1:10,000

Historical Map - Slice A



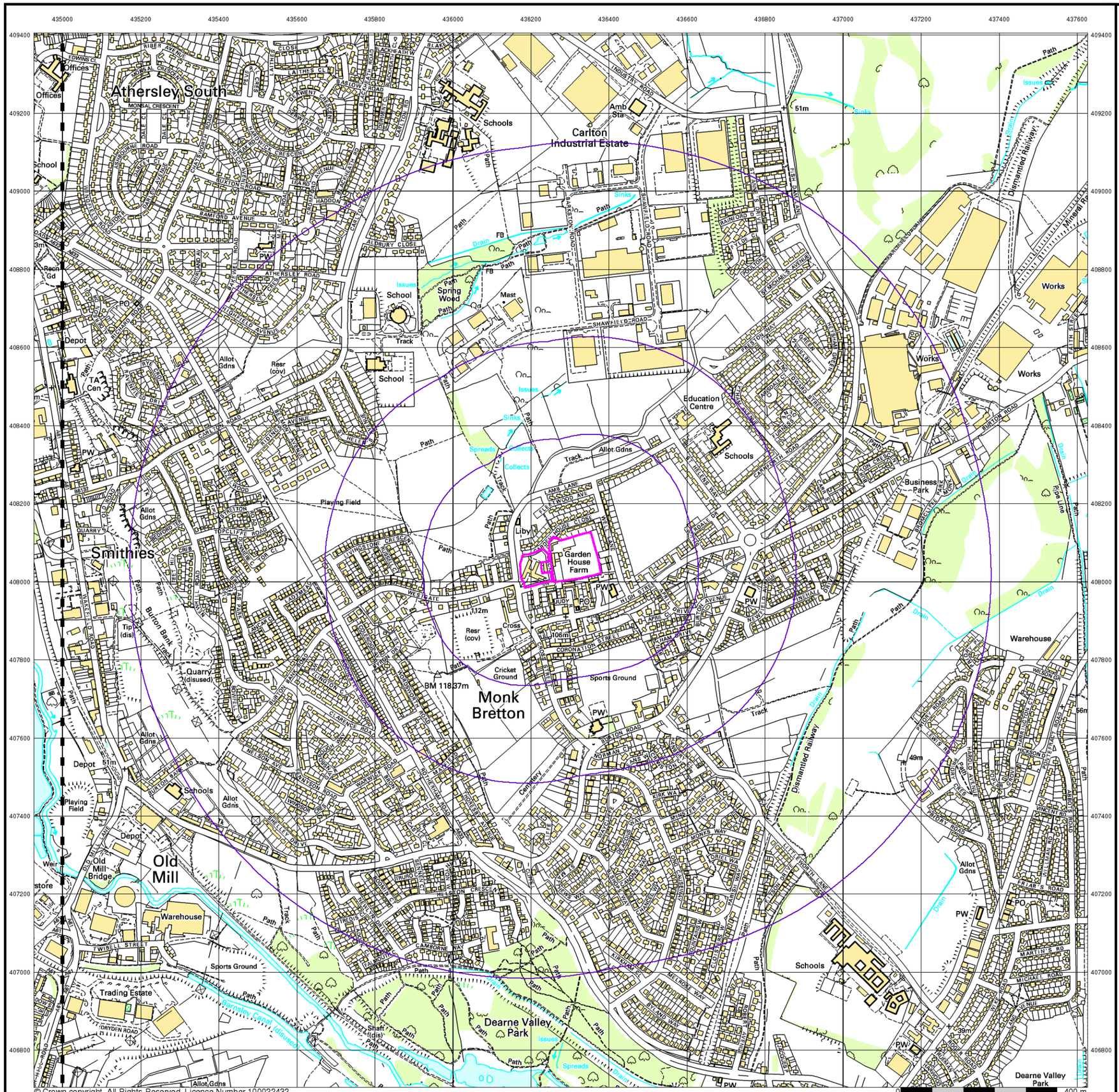
Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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10k Raster Mapping

Published 2006

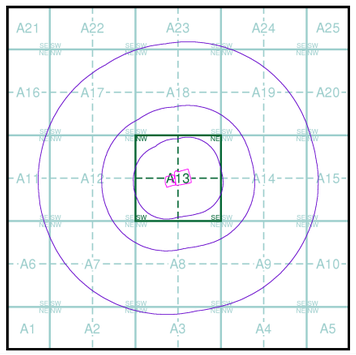
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SE30NW 2006 1:10,000	SE30NE 2006 1:10,000

Historical Map - Slice A



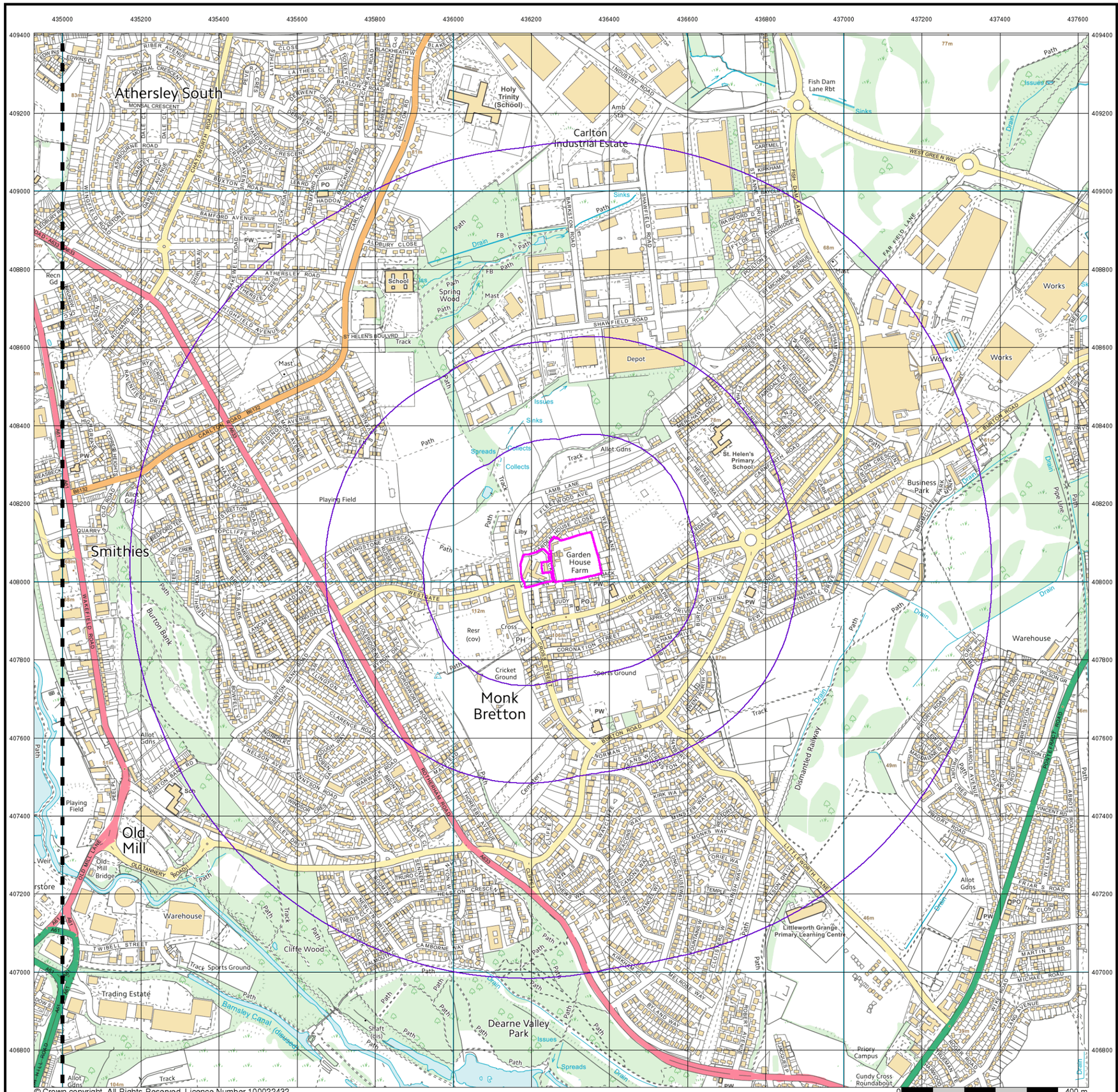
Order Details

Order Number:	173947909_1_1
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arc environmental

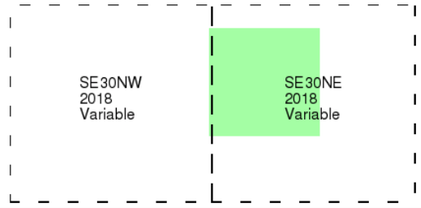
VectorMap Local

Published 2018

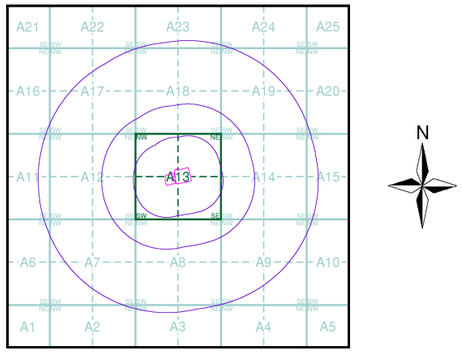
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	173947909_1_1
Customer Ref:	18-013
National Grid Reference:	436280, 408050
Slice:	A
Site Area (Ha):	1.82
Search Buffer (m):	1000

Site Details

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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
173947909_1_1

Customer Reference:
18-013

National Grid Reference:
436280, 408050

Slice:
A

Site Area (Ha):
1.82

Search Buffer (m):
1000

Site Details:

Land between Back Lane & Garden House Close
Monk Bretton
Barnsley
Yorkshire
S71 2EB

Client Details:

Mr K Moir
Arc Environmental Ltd
Unit 1
Elliot Court
St John's Road
Meadowfield
Durham
DH7 8PN

Contents

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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 the attached 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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Contents

Report Version v53.0

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Contaminated Land Register Entries and Notices					
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Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2			2	7
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3			1	2
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
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River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
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Water Industry Act Referrals					
Groundwater Vulnerability	pg 8	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
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Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
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Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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Licensed Waste Management Facilities (Locations)	pg 14				3
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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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BGS Recorded Mineral Sites	pg 23			3	14
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 26	Yes	n/a	n/a	n/a
Mining Instability	pg 26	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 26	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 26	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 26		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 26	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 26		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 27		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 27	Yes	n/a	n/a	n/a
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Summary

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Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (W)	0	1	436277 408050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	154	1	436100 408200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	243	1	436200 408350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	279	1	436277 408400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	323	1	435850 408050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	323	1	436300 408450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	373	1	436350 408500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	373	1	435800 408050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	383	1	435850 407800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	391	1	435800 407900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	403	1	435900 407700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	423	1	436300 408550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	434	1	436450 408550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	450	1	435950 407600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	473	1	436350 408600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	474	1	435900 408450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	479	1	435700 407950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	496	1	436500 408600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: WTW/WATER COLLECTION/TREATMENT/SUPPLY Location: Monk Bretton Service Reservoir, Monk Bretton, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wadc538 Permit Version: 1 Effective Date: 18th September 1989 Issued Date: 18th September 1989 Revocation Date: 23rd March 2004 Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: River Dearne **Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	203	2	436100 407800
2	**Local Authority Pollution Prevention and Controls** Name: D Thackray Plant Hire Location: 28 Westgate, Monk Bretton, BARNSLEY, South Yorkshire Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/22 Dated: 10th March 1995 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes **Status: Site Closed** Positional Accuracy: Manually positioned to the address or location	A12SE (W)	255	3	435928 407948
3	**Local Authority Pollution Prevention and Controls** Name: Intake 3 Service Station Location: Intake 5 Filling Station, Burton Road, Barnsley, South Yorkshire, S71 2PA Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/69 Dated: 22nd March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A14SW (E)	347	3	436726 408033
4	**Local Authority Pollution Prevention and Controls** Name: Bretton Service Station Location: Rotherham Road, MONK BRETTON, BARNSLEY, South Yorkshire, S71 2DD Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/112 Dated: 29th March 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	504	3	435928 407551
5	**Local Authority Pollution Prevention and Controls** Name: Hansons Quarry Products Europe Location: Calrton Industrial Estate, Shawfield Road, BARNSLEY, S71 3HS Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/05 Dated: 22nd June 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A18NE (N)	625	3	436402 408750
6	**Local Authority Pollution Prevention and Controls** Name: F & G Commercials Ltd Location: Unit 2 Barkstone Road, Carlton Industrial Estate, Barnsley, S71 3hu Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/94 Dated: 31st January 2008 Process Type: Local Authority Pollution Prevention and Control Description: PG6/34 Respraying of road vehicles **Status: Permitted** Positional Accuracy: Located by supplier to within 10m	A18NW (N)	815	3	436193 408927

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Local Authority Pollution Prevention and Controls** Name: Appleton Mini Mix Location: Barkston Road, Carlton Industrial Estate, Carlton, Barnsley, S71 3hu Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Ppc/B/01 Dated: 3rd February 2004 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A18NE (N)	922	3	436342 409048
8	**Local Authority Pollution Prevention and Controls** Name: Ardagh Glass Barnsley Limited Location: Burton Road, Monk Bretton, BARNSLEY, S71 2QG Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: ppc/b/59 Dated: 30th September 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	957	3	437123 408694
8	**Local Authority Pollution Prevention and Controls** Name: Ardagh Glass Barnsley Limited Location: Burton Road, Monk Bretton, BARNSLEY, S71 2QG Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: PPC/B/59 Dated: 30th September 1993 Process Type: Local Authority Pollution Prevention and Control Description: PG6/23 Coating of metal and plastic **Status:** **Permitted** Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	957	3	437123 408694
9	**Local Authority Pollution Prevention and Controls** Name: Plm Redfearn Ltd Location: Burton Road, Monk Bretton, BARNSLEY, S71 2QG Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG3/3 Glass (excluding lead glass) manufacturing processes **Status:** **Authorisation revoked** Positional Accuracy: Manually positioned to the road within the address or location	A15NW (E)	995	3	437320 408363
	Nearest Surface Water Feature	A13NW (NW)	173	-	436093 408218
10	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Rail Viaduct, /Grange Bridge A633 Dearne 13 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 24th September 1989 Incident Reference: 103669 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A8NE (SE)	343	2	436500 407700
11	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Carlton Industrial Estate, BARNSLEY Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: No Fish Killed Incident Date: 14th September 1995 Incident Reference: SH950033 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	676	2	436300 408800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Pollution Incidents to Controlled Waters** Property Type: Industrial Premises Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 20th August 1992 Incident Reference: 135872 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	775	2	436300 408900
13	**Water Abstractions** Operator: Redfearn Brothers Limited Licence Number: 2/27/08/044 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 3928 Yearly Rate (m3): 1433627 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	924	2	437200 408495
13	**Water Abstractions** Operator: Redfearn Brothers Limited Licence Number: 2/27/08/045 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Sherwood Sandstone Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	926	2	437200 408500
13	**Water Abstractions** Operator: Redfearn Brothers Ltd Licence Number: 2/27/08/043 Permit Version: Not Supplied Location: Monk Bretton Glass Works, Monk Bretton, BARNSLEY Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Borehole; Status : Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	929	2	437205 408495

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Barnsley Metropolitan Borough Council Licence Number: 2/27/08/141 Permit Version: 1 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Dearne Valley County Park,Pontefract Road,Hoyle Mill,Barnsley,South Yorkshire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (SW)	1230	2	435710 406850
	Water Abstractions Operator: Barnsley Metropolitan Borough Council Licence Number: 2/27/08/122 Permit Version: 101 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Dearne Valley County Park,Pontefract Road,Hoyle Mill,Barnsley,South Yorkshire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 1st August 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (SW)	1230	2	435710 406850
	Water Abstractions Operator: Barnsley Metropolitan Borough Council Licence Number: 2/27/08/122 Permit Version: 100 Location: River Dearne Authority: Environment Agency, North East Region Abstraction: Crown and Government: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 87 Yearly Rate (m3): 7800 Details: Dearne Valley County Park,Pontefract Road,Hoyle Mill,Barnsley,South Yorkshire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 7th October 1998 Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier	A2NE (SW)	1230	2	435710 406850
	Water Abstractions Operator: Barnsley Metropolitan Borough Council Licence Number: 2/27/08/141/R01 Permit Version: 1 Location: River Dearne At Dearne Valley Country Park Authority: Environment Agency, North East Region Abstraction: Municipal Grounds: Make-Up or Top Up Water Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Dearne Valley County Park,Pontefract Road,Hoyle Mill,Barnsley,South Yorkshire Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 12th April 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2NE (SW)	1236	2	435704 406846

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Star Paper Mills Licence Number: 2/27/08/042 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Unclassified Combinations Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 3410 Yearly Rate (m3): 640986 Details: Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1312	2	434900 407700
	Water Abstractions Operator: Barnsley Metropolitain District Council Licence Number: 2/27/08/115 Permit Version: Not Supplied Location: Dearne Valley Park, BARNSLEY Authority: Environment Agency, North East Region Abstraction: Pond level maintenance Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 18 Yearly Rate (m3): 2464000 Details: Status: Withdrawn Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2SE (S)	1315	2	435900 406700
	Water Abstractions Operator: C C Cooper Limited Licence Number: 2/27/08/045 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 295 Yearly Rate (m3): 107522 Details: Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NE (SW)	1465	2	435100 407000
	Water Abstractions Operator: Yorkshire Water Plc Licence Number: 2/27/08/057 Permit Version: Not Supplied Location: County Borough Of Barnsley Authority: Environment Agency, North East Region Abstraction: Unclassified (Other) Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 18 Yearly Rate (m3): 2273 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NW (W)	1467	2	434800 407500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Northern Strip Mining Limited Licence Number: 2/27/08/097 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 114 Yearly Rate (m3): 32000 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11SW (W)	1524	2	434650 408010
	Water Abstractions Operator: The Barnsley Brewery Company Ltd Licence Number: 2/27/08/027 Permit Version: Not Supplied Location: Oakwell Brewery, BARNSLEY Authority: Environment Agency, North East Region Abstraction: Cooling/Gen Ind. Abstraction Type: Not Supplied Source: Spring Daily Rate (m3): 136 Yearly Rate (m3): 0 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A2SE (S)	1582	2	435800 406450
	Water Abstractions Operator: The Barnsley Brewery Company Limited Licence Number: 2/27/08/003 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling/Gen Ind. Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 614 Yearly Rate (m3): 116605 Details: Coal Measures Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A2SE (S)	1630	2	435800 406400
	Water Abstractions Operator: Northern Strip Mining Limited Licence Number: 2/27/08/096 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 114 Yearly Rate (m3): 32000 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NE (NE)	1686	2	437900 408795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Northern Strip Mining Limited Licence Number: 2/27/08/094 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 114 Yearly Rate (m3): 32000 Details: Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A20NE (NE)	1688	2	437900 408800
	Water Abstractions Operator: Barnsley Football Club 2002 Ltd Licence Number: Ne/027/0008/014 Permit Version: 1 Location: Borehole - Coal Measures - Oakwell Road - Barnsley Authority: Environment Agency, North East Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct 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: 29th June 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A2SW (SW)	1761	2	435336 406441
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13SE (W)	0	2	436277 408050
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (W)	0	1	436277 408050
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	238	4	436123 408309

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A13NW (NW)	260	4	436138 408344
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 79.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SW (N)	358	4	436227 408471
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 199.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18SW (NW)	625	4	436008 408686
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 365.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	645	4	436979 407783
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	667	4	437025 407852
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 57.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	685	4	437057 407920
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	705	4	437083 407971
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 142.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	718	4	436113 408817
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 187.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A17NE (NW)	722	4	435921 408752

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	751	4	436210 408864
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 0.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	759	4	436240 408877
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 8.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	760	4	436240 408878
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 51.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	760	4	436240 408878
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	765	4	436233 408882
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 248.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	766	4	436030 408845
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	768	4	436288 408892
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 187.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	778	4	436305 408903
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	778	4	436305 408903

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	780	4	436173 408890
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 117.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NW (N)	780	4	436173 408890
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	796	4	437172 407947
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 153.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	798	4	437174 407946
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A9NE (SE)	828	4	437068 407562
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 104.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	846	4	437216 408148
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 169.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14SE (E)	851	4	437179 407730
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 265.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A18NE (N)	871	4	436468 408990
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	926	4	437284 408224

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A14NE (E)	928	4	437286 408226
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 412.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A15SW (E)	930	4	437294 407853
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A15NW (E)	934	4	437291 408229
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A15NW (E)	935	4	437292 408230
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A3NW (S)	988	4	436071 407003
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 121.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Don and Rother Primacy: 1	A15NW (E)	993	4	437343 408268

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**BGS Recorded Landfill Sites** Site Name: Littlewood Lane Tip Location: Lundwood, BARNSLEY, Yorks Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A9NE (SE)	882	-	437061 407461
49	**Historical Landfill Sites** Licence Holder: Barnsley Metropolitan Borough Council Location: Lamb Lane, Monk Bretton, Barnsley Name: Monk Bretton Recreation Ground Operator Location: Department of Amenities and Recreation, 12/18 Eldon Street, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD04360 First Input Date: 31st August 1981 Last Input Date: 20th April 1983 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0415 BGS Ref: Not Supplied Other Ref: 20B328(12), 4400/B328, WD20 B328	A13NW (NW)	174	2	436087 408215
50	**Historical Landfill Sites** Licence Holder: Mr D Thackery Location: Byron Drive, Monk Bretton, Barnsley Name: Land to the rear of Nos. 16 to 26 Byron Drive Operator Location: Westgate, Monk Bretton, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD04896 First Input Date: 30th September 1982 Last Input Date: 31st December 1987 Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0440 BGS Ref: Not Supplied Other Ref: 3(b), 20B395(37), 4400/B359, WD20 B359	A13SW (SW)	232	2	435985 407868
51	**Historical Landfill Sites** Licence Holder: Barnsley Metropolitan Borough Council Location: Monk Bretton, Barnsley Name: Rotherham Road Operator Location: Department of Architecture and Planning, Regent House, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD04359 First Input Date: 13th March 1985 Last Input Date: 4th June 1986 Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0496 BGS Ref: Not Supplied Other Ref: 20B456(94), WD20 B456, 4400/B456	A12NE (W)	441	2	435738 408113
52	**Historical Landfill Sites** Licence Holder: Barnsley Metropolitan Borough Council Location: Monk Bretton, Barnsley Name: Littleworth Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04375 First Input Date: Not Supplied Last Input Date: 31st December 1996 Specified Waste Type: Deposited Waste included Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0423 BGS Ref: Not Supplied Other Ref: (20)B	A14SE (E)	605	2	436969 407884

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Lundwood, Barnsley, Yorkshire Name: Littleworth Lane Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31668 First Input Date: 31st December 1930 Last Input Date: 11th June 1972 Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste, and Liquid Sludge EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1889 Other Ref: Not Supplied	A9NE (SE)	882	2	437062 407462
54	**Historical Landfill Sites** Licence Holder: Mr E J Lidster Location: Monk Bretton, Barnsley Name: Land at Burton Road Operator Location: Arunden House, Lund Lane, Burton Grange, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD05743 First Input Date: 30th November 1983 Last Input Date: 31st December 1989 Specified Waste Type: Deposited Waste included Inert, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 4400/0490 BGS Ref: Not Supplied Other Ref: WD20 B399, 4400/B399, 20B399(88)	A15NW (E)	971	2	437300 408346
55	**Licensed Waste Management Facilities (Locations)** Licence Number: 400730 Location: Unit L12 Bromcliffe Park, Burton Road, Monk Bretton, Barnsley, South Yorkshire, S71 5RN Operator Name: S R S Automotive Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Vehicle Depollution Facility <5000 tps **Licence Status: Surrendered** Issued: 8th November 2013 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 18th January 2016 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A14SE (E)	677	2	437056 408030
56	**Licensed Waste Management Facilities (Locations)** Licence Number: 102419 Location: Unit 1-3, Shawfield Road, Carlton Industrial Estate, Barnsley, South Yorkshire, S71 3HS Operator Name: O' Donnell Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Surrendered** Issued: 5th August 2011 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 6th December 2017 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	700	2	436540 408801

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**Licensed Waste Management Facilities (Locations)** Licence Number: 60547 Location: Rotherham Road, Carlton, Barnsley, South Yorkshire, S27 2AG Operator Name: Yorkshire Water Services Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Household, Commercial And Industrial Transfer Stations **Licence Status: Surrendered** Issued: 31st January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 1st November 2000 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A12NW (W)	910	2	435300 408300
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	3	436277 408050
58	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 12 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NW (NW)	170	3	436088 408217
59	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 12 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NW (NW)	225	3	436129 408298
60	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 37 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13SW (SW)	260	3	435949 407876
61	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 94 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12NE (W)	447	3	435731 408107
62	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 20 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9NE (E)	802	3	437116 407704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 88 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A15NW (E)	967	3	437297 408344
64	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (SW)	271	-	435941 407868
65	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SE (SW)	311	-	435936 407799
66	**Potentially Infilled Land (Non-Water)** Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14SE (E)	607	-	436976 407909
67	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	647	-	436156 407338
68	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	767	-	436255 407221
69	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	782	-	436216 407203
70	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7NW (SW)	828	-	435532 407474
71	**Potentially Infilled Land (Non-Water)** Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7SW (SW)	928	-	435567 407292
72	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NW (N)	69	-	436232 408177
73	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NE (NE)	167	-	436509 408185
74	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NE (NE)	230	-	436575 408188
75	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	232	-	436108 408290
76	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (SE)	260	-	436511 407797
77	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (NW)	262	-	436121 408336
78	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	263	-	435910 408047
79	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (SE)	287	-	436519 407771

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	313	-	435861 408026
81	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SW (SE)	344	-	436648 407805
82	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (SW)	370	-	435876 407781
83	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (SE)	430	-	436527 407618
84	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SE (N)	442	-	436374 408568
85	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7NE (SW)	529	-	435926 407523
86	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NW (SW)	554	-	435962 407477
87	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A18NE (N)	717	-	436518 408825
88	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17NE (NW)	737	-	435933 408775
89	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SE (E)	773	-	437132 407844
90	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	773	-	437014 408527
91	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NE (N)	786	-	436509 408897
92	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A17NE (NW)	845	-	435828 408841
93	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14NE (E)	892	-	437269 408085
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	921	-	437281 408214
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NE (SE)	953	-	437134 407440
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	958	-	437218 408536
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A20SW (E)	996	-	437307 408410

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
98	**Registered Landfill Sites** Licence Holder: Barnsley M.B.C. Licence Reference: WD20 B 328 Site Location: Monk Bretton Recreation Ground, Barnsley, South Yorkshire Licence Easting: 436120 Licence Northing: 408320 Operator Location: Cleansing Div. Smithies La.Depot, Barnsley, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st July 1981 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Excavated Natural Materials $ Horticultural Waste &Landscaping Waste	A13NW (NW)	248	2	436120 408320
99	**Registered Landfill Sites** Licence Holder: D Thackery Licence Reference: WD20 B 359 Site Location: Rear Of 16-26 Byron Drive, Monk Bretton, Barnsley, South Yorkshire Licence Easting: 435900 Licence Northing: 407900 Operator Location: West Gate, Monks Bretton, BARNSLEY, South Yorkshire, S71 2DS Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st September 1982 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavated Natural Materials $ Prohibited Waste: Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A12SE (W)	296	2	435900 407900
100	**Registered Landfill Sites** Licence Holder: Barnsley M.B.C. Licence Reference: WD20 B 456 Site Location: Rotherham Road, Monk Bretton, Barnsley, South Yorkshire Licence Easting: 435700 Licence Northing: 408200 Operator Location: Cleansing Div. Smithies La.Depot, Barnsley, South Yorkshire Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1985 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Hardcore And Rubble Soil/Subsoil Prohibited Waste: Asbestos Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A12NE (W)	498	2	435700 408200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	**Registered Waste Transfer Sites** Licence Holder: Yorkshire Water Services Ltd Licence Reference: WD20 B1042 MOD 2 Site Location: Carlton Road Depot, BARNSLEY, South Yorkshire, S71 2AG Operator Location: 2 The Embankment, Sovereign Street, LEEDS, West Yorkshire, LS1 4BG Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence has completion certificateSurrendered Dated: 16th September 1997 Preceded By Licence: WD20 B1042 MOD 1 Superseded By Licence: Not Given Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Cast Iron Pipe Max.Stor. Excavation W. From Yorks Pipeline Serv Max.Waste Permitted By Licence Mdpe Plastic Pipe Max.Stor. Packaging/Paper/Plastic/Wood Max.Stor. Prohibited Waste: Liquid Wastes Sludge Wastes	A12NW (W)	910	2	435300 408300
101	**Registered Waste Transfer Sites** Licence Holder: Yorkshire Water Services Ltd Licence Reference: WD20 B1042 MOD 1 Site Location: Carlton Road Depot, BARNSLEY, South Yorkshire, S71 2AG Operator Location: 2 The Embankment, Sovereign Street, LEEDS, West Yorkshire, LS1 4BG Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 26th March 1997 Preceded By Licence: WD20 B1042 Superseded By Licence: WD20 B1042 MOD 2 Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Cast Iron Pipe Max.Stor. Excavation W. From Yorks Pipeline Serv Mdpe Plastic Pipe Max.Stor. Packaging/Paper/Plastic/Wood Max.Stor. Prohibited Waste: Liquid Wastes Sludge Wastes	A12NW (W)	910	2	435300 408300
101	**Registered Waste Transfer Sites** Licence Holder: Yorkshire Water Services Ltd Licence Reference: WD20 B1042 Site Location: Carlton Road Depot, BARNSLEY, South Yorkshire, S71 2AG Operator Location: 2 The Embankment, Sovereign Street, LEEDS, West Yorkshire, LS1 4BG Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Record supersededSuperseded Dated: 31st January 1994 Preceded By Licence: Not Given Superseded By Licence: WD20 B1042 MOD 1 Positional Accuracy: Approximate location provided by supplier Boundary Quality: Not Supplied Authorised Waste: Asbestos Cement Pipe Max.Stor. Cast Iron Pipe Max.Stor. Excavation W. From Yorks Pipeline Serv Mdpe Plastic Pipe Max.Stor. Packaging/Paper/Plastic/Wood Max.Stor. Prohibited Waste: Liquid Wastes Sludge Wastes	A12NW (W)	910	2	435300 408300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	**Control of Major Accident Hazards Sites (COMAH)** Name: Calor Gas Limited Location: Shawfield Road, BARNSLEY, South Yorkshire, S71 3HS Reference: 1028114 Type: Lower Tier **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	487	5	436234 408601
102	**Control of Major Accident Hazards Sites (COMAH)** Name: Calor Gas Limited Location: Shawfield Road, Barnsley, South Yorkshire, S71 3HS Reference: 4100910 Type: Lower Tier **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	487	5	436234 408601
103	**Planning Hazardous Substance Consents** Name: Castlegas Location: Plot 3 Shawfield Road, Carlton Industrial Estate, BARNSLEY, South Yorkshire, S71 3 Authority: Barnsley Metropolitan Borough Council, Planning Department Application Ref: HSC/02/0001/BA Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 199 Application date: 20th May 2002 **Decision: Deemed Consent GrantedGranted** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	828	6	436493 408943

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pennine Middle Coal Measures Formation And South Wales Middle Coal Measures Formation (Undifferentiated)	A13SE (W)	0	1	436277 408050
	BGS Estimated Soil Chemistry 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	A13SE (W)	0	1	436277 408050
	BGS Estimated Soil Chemistry 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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13NW (W)	55	1	436121 408059
	BGS Estimated Soil Chemistry 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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (W)	173	1	436000 408040
	BGS Estimated Soil Chemistry 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: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (W)	173	1	436000 408050
	BGS Estimated Soil Chemistry 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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (NW)	428	1	435857 408348
	BGS Estimated Soil Chemistry 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: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NW (SW)	438	1	436000 407587

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry 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	A19SW (NE)	470	1	436690 408453
	BGS Estimated Soil Chemistry 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	A17SE (NW)	523	1	435887 408500
	BGS Estimated Soil Chemistry 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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	621	1	437000 408050
	BGS Estimated Soil Chemistry 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 (E)	780	1	437159 408000
	BGS Estimated Soil Chemistry 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: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	789	1	437000 408578
	BGS Estimated Soil Chemistry 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	A8SW (S)	834	1	436000 407171

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry 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: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SW (W)	848	1	435373 407735
	BGS Estimated Soil Chemistry 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: 90 - 120 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 30 - 45 mg/kg	A3NE (S)	984	1	436277 407000
	BGS Estimated Soil Chemistry 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 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A3NE (S)	992	1	436313 407000
104	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Burton Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 245716 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	279	1	435932 407868
105	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Burton Shaft Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 245717 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	327	1	435898 407828
106	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37841 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	330	1	435923 407784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	**BGS Recorded Mineral Sites** Site Name: Shep Cote Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37836 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	651	1	436153 407334
108	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 13327 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	745	1	437123 408067
108	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 245712 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Barnsley Coal (West And South Yorkshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	794	1	437172 408074
109	**BGS Recorded Mineral Sites** Site Name: Shep Gate Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37840 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SW (S)	786	1	436246 407201
110	**BGS Recorded Mineral Sites** Site Name: Monk Bretton Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 245711 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Barnsley Coal (West And South Yorkshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	797	1	437174 408087
111	**BGS Recorded Mineral Sites** Site Name: Burton Bank Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37835 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	831	1	435525 407480

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	**BGS Recorded Mineral Sites** Site Name: Burton Bank Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 16756 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	853	1	435340 407835
112	**BGS Recorded Mineral Sites** Site Name: Wallsend Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 106081 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SW (W)	897	1	435299 407818
113	**BGS Recorded Mineral Sites** Site Name: Burton Bank Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 106083 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (W)	859	1	435370 407711
114	**BGS Recorded Mineral Sites** Site Name: Barnsley Colliery Methane Plant Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 11413 Type: Liquid or Gas Extraction **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Abandoned Mine Methane Positional Accuracy: Located by supplier to within 10m	A14SE (E)	862	1	437240 407970
115	**BGS Recorded Mineral Sites** Site Name: Wallsend Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 106082 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A12SW (W)	889	1	435317 407778
116	**BGS Recorded Mineral Sites** Site Name: Smithy Hill Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 106074 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	891	1	435370 408439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
117	**BGS Recorded Mineral Sites** Site Name: Old Shep Cote Gate Quarry Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 37837 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SW (SW)	918	1	435585 407290
118	**BGS Recorded Mineral Sites** Site Name: Wallsend Main Colliery Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 106080 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A11SE (W)	928	1	435263 407837
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SE (W)	0	7	436277 408050
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (W)	0	-	436277 408050
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	55	1	436121 408059
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	107	1	436469 408118
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	184	1	436425 407843
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	199	1	436160 408287
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	107	1	436469 408118
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	184	1	436425 407843
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	67	1	436126 408111
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	166	1	436087 408214
	Radon Potential - Radon Affected Areas 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	A13SE (W)	0	1	436277 408050
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	436277 408050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	**Contemporary Trade Directory Entries** Name: G Bland & Sons Location: 51, Westgate, Monk Bretton, Barnsley, South Yorkshire, S71 2DS Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	95	-	436082 407995
119	**Contemporary Trade Directory Entries** Name: Westgate Garage Location: 51a, Westgate, Monk Bretton, Barnsley, South Yorkshire, S71 2DS Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	95	-	436082 407995
120	**Contemporary Trade Directory Entries** Name: Pawz N Clawz Location: 35, High Street, Barnsley, South Yorkshire, S71 2EQ Classification: Pet Foods & Animal Feeds **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	105	-	436418 407924
121	**Contemporary Trade Directory Entries** Name: Barnsley Home Help Location: 38, Coronation Street, Barnsley, South Yorkshire, S71 2ES Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (S)	161	-	436355 407850
122	**Contemporary Trade Directory Entries** Name: Transmap Uk Location: 25, Lamb Lane, Barnsley, S71 2PU Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	180	-	436449 408279
123	**Contemporary Trade Directory Entries** Name: Bentley Building Contractors Location: The Dovecote, Dovecote Mews, Monk Bretton, Barnsley, South Yorkshire, S71 2FD Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13SW (S)	226	-	436227 407762
124	**Contemporary Trade Directory Entries** Name: D Thackray Location: 28, Westgate, Monk Bretton, Barnsley, South Yorkshire, S71 2DJ Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A12SE (W)	266	-	435918 407942
125	**Contemporary Trade Directory Entries** Name: Enserve Environmental Ltd Location: 34, St. Helens Way, Barnsley, South Yorkshire, S71 2PR Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	294	-	436581 408312
125	**Contemporary Trade Directory Entries** Name: Enserve Environmental Ltd Location: 34, St. Helens Way, Barnsley, South Yorkshire, S71 2PR Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	294	-	436581 408312
126	**Contemporary Trade Directory Entries** Name: Intake 5 Location: Intake 5 Filling Station, Burton Road, Barnsley, South Yorkshire, S71 2PA Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	347	-	436726 408033
126	**Contemporary Trade Directory Entries** Name: Northlands Skips Location: Burton Rd, Barnsley, South Yorkshire, S71 2HQ Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	369	-	436748 408028

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	**Contemporary Trade Directory Entries** Name: Nanoflam Location: Unit A1, Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Classification: Chemical Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	359	-	436154 408458
128	**Contemporary Trade Directory Entries** Name: Altagen Ltd Location: Unit D3, Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Classification: Generators - Sales & Service **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	369	-	436045 408415
129	**Contemporary Trade Directory Entries** Name: Chemelec Engineering Co Location: 7, St. Helens Way, Barnsley, South Yorkshire, S71 2PT Classification: Chemical Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	385	-	436739 408175
130	**Contemporary Trade Directory Entries** Name: A & S Packing Location: Burton Rd, Barnsley, South Yorkshire, S71 2HQ Classification: Pallets, Crates & Packing Cases **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NE (SE)	402	-	436522 407646
130	**Contemporary Trade Directory Entries** Name: Centaur Motors Location: 1, Littleworth Lane, Barnsley, South Yorkshire, S71 2JR Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (SE)	419	-	436522 407628
131	**Contemporary Trade Directory Entries** Name: Rexam Glass (Barnsley) Ltd Location: Burton Rd, Barnsley, South Yorkshire, S71 2QG Classification: Glass Products - Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8NE (S)	408	-	436440 407616
132	**Contemporary Trade Directory Entries** Name: Leather For Life Location: 21, Wordsworth Road, Barnsley, South Yorkshire, S71 2DF Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	417	-	435882 407697
133	**Contemporary Trade Directory Entries** Name: Ksr Logistics Location: K S R Logistics, Shawfield Road, Barnsley, S71 3HS Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	421	-	436216 408533
134	**Contemporary Trade Directory Entries** Name: Vlf Domestic Cleaning Location: Merchant Croft, Barnsley, South Yorkshire, S71 2NY Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A19SW (NE)	425	-	436637 408443
135	**Contemporary Trade Directory Entries** Name: Forklift Truck Depot Location: Unit C/3, Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Fork Lift Trucks **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	432	-	436083 408508
135	**Contemporary Trade Directory Entries** Name: B & M Auto Centre Location: Carlton Ind Est,Shawfield Rd, Barnsley, South Yorkshire, S71 3HS Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	478	-	436081 408558

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	**Contemporary Trade Directory Entries** Name: Car Smart Location: 66, Livingstone Crescent, Barnsley, South Yorkshire, S71 2DN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	440	-	435736 408095
137	**Contemporary Trade Directory Entries** Name: Crystal Aluminium Location: Unit B/4, Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Aluminium Fabricators **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	440	-	436131 408535
138	**Contemporary Trade Directory Entries** Name: C G Tolson Ltd Location: 4, Westgate, Monk Bretton, Barnsley, South Yorkshire, S71 2DJ Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	441	-	435746 407908
139	**Contemporary Trade Directory Entries** Name: D L Cars Location: 14, Fish Dam Lane, Barnsley, South Yorkshire, S71 2PX Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	446	-	436806 408167
140	**Contemporary Trade Directory Entries** Name: Cranes (Uk) Ltd Location: Unit 21, Shawfield Road, Barnsley, S71 3HS Classification: Crane Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	460	-	436469 408572
140	**Contemporary Trade Directory Entries** Name: Nigg Plant Ltd Location: Unit 21, Shawfield Road, Barnsley, S71 3HS Classification: Crane Hire, Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	460	-	436469 408572
140	**Contemporary Trade Directory Entries** Name: Cranes & Equipment Location: Unit 21, Shawfield Road, Barnsley, S71 3HS Classification: Crane Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	460	-	436469 408572
141	**Contemporary Trade Directory Entries** Name: Red Dog Linings Location: Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Metal Products - Fabricated **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	465	-	436322 408590
142	**Contemporary Trade Directory Entries** Name: Calor Location: Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Gas Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	487	-	436234 408601
142	**Contemporary Trade Directory Entries** Name: Castlegas Location: Shawfield Road, BARNSLEY, South Yorkshire, S71 3HS Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	487	-	436234 408601
142	**Contemporary Trade Directory Entries** Name: J Cutts & Sons Location: Shawfield Road, Carlton Industrial Estate, Barnsley, South Yorkshire, S71 3HS Classification: Road Haulage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	487	-	436234 408601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**Contemporary Trade Directory Entries** Name: Ultra Systems Ltd Location: Unit 2, Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Machine Tools - Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	495	-	436023 408549
143	**Contemporary Trade Directory Entries** Name: P J Heat Exchanger Services Location: Unit 2, Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Heat Exchangers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	495	-	436023 408549
144	**Contemporary Trade Directory Entries** Name: Boss Wedding Car Hire Location: 14, Fish Dam Lane, Barnsley, South Yorkshire, S71 2PX Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	523	-	436873 408212
144	**Contemporary Trade Directory Entries** Name: Bretton Used Car Centre Location: 14, Fish Dam Lane, Barnsley, South Yorkshire, S71 2PX Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	523	-	436873 408212
145	**Contemporary Trade Directory Entries** Name: F D Location: 10, Long Causeway, Barnsley, South Yorkshire, S71 2HJ Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	537	-	436443 407484
146	**Contemporary Trade Directory Entries** Name: Gordon Jopling Food Ingredients Ltd Location: Carlton Industrial Estate, Shawfield Road, BARNSLEY, South Yorkshire, S71 3HS Classification: Food Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	546	-	436565 408630
147	**Contemporary Trade Directory Entries** Name: Ab Mix Location: Coumpound E2, Barnsley, S71 3BF Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SW (N)	549	-	436084 408635
148	**Contemporary Trade Directory Entries** Name: N P Engineering Services Ltd Location: 31, Thoresby Avenue, Barnsley, South Yorkshire, S71 2LH Classification: Engineering Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	553	-	436057 407446
149	**Contemporary Trade Directory Entries** Name: The Rag Group Location: Unit 3, Shawfield Road, Barnsley, S71 3HS Classification: Pallets, Crates & Packing Cases **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	567	-	436008 408623
150	**Contemporary Trade Directory Entries** Name: Geoff Clegg Ltd Location: Unit 5, Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Lifting Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	569	-	436439 408689
151	**Contemporary Trade Directory Entries** Name: Precision Engineering Location: Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	585	-	436226 408698

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	**Contemporary Trade Directory Entries** Name: Tapcoenpro International Location: Shawfield Road, Barnsley, S71 3HS Classification: Engineers - General **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	585	-	436226 408698
152	**Contemporary Trade Directory Entries** Name: Talurit Uk Ltd Location: Unit 5, Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	592	-	436157 408697
153	**Contemporary Trade Directory Entries** Name: Sas Location: 8, Carr Street, Barnsley, South Yorkshire, S71 2QA Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	616	-	436955 408259
154	**Contemporary Trade Directory Entries** Name: F & G Commercials Ltd Location: Unit 1-2, Barkston Road, Barnsley, S71 3HU Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	630	-	436290 408754
154	**Contemporary Trade Directory Entries** Name: Deejays Tyres Location: Barkston Road, Barnsley, South Yorkshire, S71 3HU Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	666	-	436297 408790
154	**Contemporary Trade Directory Entries** Name: Dee Jay Tyres & Off Road Solutions Location: Unit 6, Barkston Road, Barnsley, S71 3HU Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	666	-	436297 408790
154	**Contemporary Trade Directory Entries** Name: Appleton Concrete Ltd Location: Unit 6, Barkston Road, Barnsley, S71 3HU Classification: Concrete & Mortar Ready Mixed **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	666	-	436297 408790
155	**Contemporary Trade Directory Entries** Name: Diggit Location: 16, Belmont Avenue, Barnsley, South Yorkshire, S71 2AR Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	633	-	435614 408350
156	**Contemporary Trade Directory Entries** Name: Machine Co Ltd Location: 181a, Burton Road, Barnsley, South Yorkshire, S71 2HG Classification: Machinery - Industrial & Commercial **Status: Active** Positional Accuracy: Automatically positioned to the address	A8SE (S)	640	-	436321 407359
156	**Contemporary Trade Directory Entries** Name: West Green Solid Fuels Location: 181, Burton Road, BARNSLEY, South Yorkshire, S71 2HG Classification: Coal & Smokeless Fuel Merchants & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	646	-	436311 407350
157	**Contemporary Trade Directory Entries** Name: Braisby Transport Ltd Location: 10, Waycliffe, Barnsley, South Yorkshire, S71 2HN Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	646	-	436405 407367
158	**Contemporary Trade Directory Entries** Name: Fearn Bros Location: Unit L14, Bromcliffe Park, Barnsley, South Yorkshire, S71 5RN Classification: Glass Fibre Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	661	-	437040 408018

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
158	**Contemporary Trade Directory Entries** Name: Turismo Auto Services Location: Unit L14, Bromcliffe Park, Barnsley, S71 5RN Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	662	-	437041 408018
159	**Contemporary Trade Directory Entries** Name: G Hughes Location: Cliffe Lodge, Burton Road, Barnsley, South Yorkshire, S71 2HE Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	662	-	436237 407324
160	**Contemporary Trade Directory Entries** Name: Auto Cosmetics Location: Unit 10, Barkston Road, Barnsley, S71 3HU Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	666	-	436242 408783
160	**Contemporary Trade Directory Entries** Name: Adomast Manufacturing Ltd Location: Plot 25 Unit 1 And Unit 2, Barkston Road, Barnsley, S71 3HU Classification: Chemical Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	710	-	436233 408826
161	**Contemporary Trade Directory Entries** Name: Barnsley Body Shop Centre Ltd Location: Unit L9, Bromcliffe Park, Barnsley, South Yorkshire, S71 5RN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	684	-	437062 408069
161	**Contemporary Trade Directory Entries** Name: Ornate Wrought Ironwork Location: Unit L4, Bromcliffe Park, Barnsley, S71 5RN Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	702	-	437077 408096
161	**Contemporary Trade Directory Entries** Name: Ornate Location: Unit L4, Bromcliffe Park, Barnsley, S71 5RN Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	702	-	437077 408096
161	**Contemporary Trade Directory Entries** Name: M G S Location: Unit L2, Bromcliffe Park, Barnsley, S71 5RN Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	709	-	437083 408107
162	**Contemporary Trade Directory Entries** Name: Main Fabrications Location: Carlton Industrial Estate, Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Machine Shops **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	687	-	436411 408811
163	**Contemporary Trade Directory Entries** Name: Graham Slee Projects Ltd Location: 1, Monks Way, Barnsley, South Yorkshire, S71 2JD Classification: Hi-Fi Equipment Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (SE)	698	-	436584 407354
164	**Contemporary Trade Directory Entries** Name: Excel Service Centre Location: Carlton Ind Est,Shawfield Rd, Barnsley, South Yorkshire, S71 3HS Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18NE (NE)	704	-	436586 408791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	**Contemporary Trade Directory Entries** Name: Animal Magic Location: 46, Tennyson Road, Barnsley, South Yorkshire, S71 2LP Classification: Pet Foods & Animal Feeds **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	706	-	435689 407482
166	**Contemporary Trade Directory Entries** Name: Safe Clean Location: 14, Deacons Way, Barnsley, South Yorkshire, S71 2HU Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	718	-	436443 407301
167	**Contemporary Trade Directory Entries** Name: Bower Fuels Location: 327, Burton Road, Barnsley, South Yorkshire, S71 2QF Classification: Coal & Smokeless Fuel Merchants & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	728	-	437081 408227
168	**Contemporary Trade Directory Entries** Name: Thermo Trans Ltd Location: Unit C,Burton Road Business Pk,Bromcliffe Pk, Burton Rd/Monk Bretton, Barnsley, South Yorkshire, S71 5RN Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NE (E)	746	-	437113 408154
168	**Contemporary Trade Directory Entries** Name: Three Point Four Location: Unit F, Bromcliffe Park, Barnsley, S71 5RN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	747	-	437114 408155
169	**Contemporary Trade Directory Entries** Name: Dust X Ltd Location: Unit J1, Bromcliffe Park, Barnsley, S71 5RN Classification: Dust Extraction Plant & Equipment Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	761	-	437140 408032
169	**Contemporary Trade Directory Entries** Name: Ygi Ltd Location: Unit H2, Bromcliffe Park, Barnsley, South Yorkshire, S71 5RN Classification: Gas Companies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	790	-	437169 408047
170	**Contemporary Trade Directory Entries** Name: Pic A Logo Location: 16, Poulton Street, Barnsley, South Yorkshire, S71 2SE Classification: T-Shirts **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	764	-	436761 408773
171	**Contemporary Trade Directory Entries** Name: Inter Bespoke Contracts Location: Unit N2, Bromcliffe Park, Barnsley, S71 5RN Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	764	-	437142 407978
171	**Contemporary Trade Directory Entries** Name: Cudworth Concrete Fencing Location: Unit N1, Bromcliffe Park, Barnsley, South Yorkshire, S71 5RN Classification: Fencing Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SE (E)	769	-	437147 407977
172	**Contemporary Trade Directory Entries** Name: Triple Engineering Yorkshire Ltd Location: Unit 7, Humberside Way, Barnsley, South Yorkshire, S71 3RN Classification: Staircase, Balustrade & Handrail Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	796	-	436565 408894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
173	**Contemporary Trade Directory Entries** Name: Stackshaw Ltd Location: Unit 1-2,Carlton Ind Est,Shawfield Rd, Barnsley, South Yorkshire, S71 3HS Classification: Concrete Products **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	814	-	436496 408928
173	**Contemporary Trade Directory Entries** Name: F & G Commercials Ltd Location: Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	829	-	436459 408949
174	**Contemporary Trade Directory Entries** Name: High Tek Doors Ltd Location: Unit G9,Bromcliffe Pk, Barnsley, South Yorkshire, S71 5RN Classification: Industrial Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	822	-	437193 408138
174	**Contemporary Trade Directory Entries** Name: Vinnie'S Cars & Commercials Location: Bromcliffe Pk, Barnsley, South Yorkshire, S71 5RN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	828	-	437192 408183
174	**Contemporary Trade Directory Entries** Name: Flavours Foods Ltd Location: Unit C, Bromcliffe Park, Barnsley, South Yorkshire, S71 5RN Classification: Food Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	828	-	437192 408183
175	**Contemporary Trade Directory Entries** Name: Jack Israel (Norfolk) Ltd Location: Unit 1a-3a, Humberside Way, Barnsley, S71 3RN Classification: Food Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	832	-	436523 408941
175	**Contemporary Trade Directory Entries** Name: Royston Glass Ltd Location: Unit 2 Carlton Industrial Estate,Humberside Way, Barnsley, South Yorkshire, S71 3RN Classification: Glass Products - Manufacturers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18NE (N)	843	-	436549 408946
176	**Contemporary Trade Directory Entries** Name: Barnsley Carpet Cleaners Location: 19, Fylde Close, BARNSLEY, South Yorkshire, S71 2SN Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	839	-	436727 408878
177	**Contemporary Trade Directory Entries** Name: Yorkshire Wasp Control Location: 34, Hazelwood, Barnsley, South Yorkshire, S71 2GE Classification: Pest & Vermin Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NW (W)	839	-	435395 408364
178	**Contemporary Trade Directory Entries** Name: Rnd Autos & Wrought Irons Location: Unit 8,Bromcliffe Pk, Barnsley, South Yorkshire, S71 5RN Classification: Wrought Ironwork **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	856	-	437220 408186
179	**Contemporary Trade Directory Entries** Name: Atkinson Fork Truck Solutions Ltd Location: 19, Fleet Hill Crescent, Barnsley, South Yorkshire, S71 1XJ Classification: Fork Lift Trucks **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	871	-	435303 408023

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
180	**Contemporary Trade Directory Entries** Name: Appleton Concrete Ltd Location: 6 Barkston Rd, Barnsley, South Yorkshire, S71 3HU Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	876	-	436342 409002
180	**Contemporary Trade Directory Entries** Name: D & D Trucks Location: Unit 7, Barkston Road, Barnsley, South Yorkshire, S71 3HU Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NE (N)	895	-	436314 409020
180	**Contemporary Trade Directory Entries** Name: Samurai Transport Ltd Location: Unit 7, Barkston Road, Barnsley, South Yorkshire, S71 3HU Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	895	-	436314 409020
181	**Contemporary Trade Directory Entries** Name: Castlegaz Location: Shawfield Rd, Barnsley, South Yorkshire, S71 3HS Classification: Gas Suppliers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	876	-	436488 408992
181	**Contemporary Trade Directory Entries** Name: Hanson Premix Location: Shawfield Rd, Barnsley, South Yorkshire, S71 3HS Classification: Concrete & Mortar Ready Mixed **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	920	-	436482 409037
182	**Contemporary Trade Directory Entries** Name: Kestral Coatings Techology Location: Barkston Rd, Barnsley, South Yorkshire, S71 3HU Classification: Powder Coatings **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	880	-	436376 409006
183	**Contemporary Trade Directory Entries** Name: D R D Refinishing Location: The Yard,Burton Rd, Barnsley, South Yorkshire, S71 5RP Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	894	-	437228 408317
184	**Contemporary Trade Directory Entries** Name: A A & A Honeywell Damp Proofing & Cavity Wall Tie Replacement Location: 42, Shelley Drive, Barnsley, South Yorkshire, S71 2LS Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	897	-	435602 407303
184	**Contemporary Trade Directory Entries** Name: Aa & A Damp Proofing Location: 42, Shelley Drive, Barnsley, South Yorkshire, S71 2LS Classification: Damp & Dry Rot Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	897	-	435602 407303
185	**Contemporary Trade Directory Entries** Name: D F Roller Shutters Location: 5, St. Annes Drive, Barnsley, South Yorkshire, S71 2SB Classification: Roller Shutter Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	901	-	436805 408906
186	**Contemporary Trade Directory Entries** Name: Mark Owen Gas Services Location: 70a Carlton Rd, Barnsley, South Yorkshire, S71 1UH Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NW (W)	928	-	435303 408371
187	**Contemporary Trade Directory Entries** Name: A W Light Location: 15, Athersley Road, Barnsley, South Yorkshire, S71 3RU Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	931	-	435569 408769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
188	**Contemporary Trade Directory Entries** Name: All Dry Damp Proofing & Plastering Services Location: 86a, Burton Road, Barnsley, S71 2AA Classification: Damp & Dry Rot Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SW (SW)	943	-	435485 407353
189	**Contemporary Trade Directory Entries** Name: Ardagh Glass Barnsley Ltd Location: Burton Road, Barnsley, South Yorkshire, S71 5RP Classification: Bottle Manufacturers & Suppliers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	944	-	437270 408352
189	**Contemporary Trade Directory Entries** Name: Ford Salvage Centre Location: Burton Road, BARNSLEY, South Yorkshire, S71 5RP Classification: Car Breakdown & Recovery Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A15NW (E)	965	-	437298 408332
189	**Contemporary Trade Directory Entries** Name: Steve Jones Ltd Location: 1, Burton Road, Barnsley, South Yorkshire, S71 5RP Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A15NW (E)	979	-	437310 408340
189	**Contemporary Trade Directory Entries** Name: Steve Jones Ltd Location: 1, Burton Road, Barnsley, S71 5RP Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A15NW (E)	979	-	437310 408340
190	**Contemporary Trade Directory Entries** Name: A Hughes & Son Location: Littleworth Lane, Barnsley, South Yorkshire, S71 5RG Classification: Car Breakdown & Recovery Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	948	-	436925 407246
190	**Contemporary Trade Directory Entries** Name: A D Hughes Location: Littleworth La, Barnsley, South Yorkshire, S71 5RG Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	983	-	436949 407220
191	**Contemporary Trade Directory Entries** Name: Yorkshire Scaffolding Services Ltd Location: Shawfield Road, Barnsley, S71 3HS Classification: Scaffolding & Work Platforms **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SE (N)	976	-	436504 409091
191	**Contemporary Trade Directory Entries** Name: Color Gas Ltd Location: Carlton Industrial Estate,Shawfield Road, Barnsley, South Yorkshire, S71 3HS Classification: Gas Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A23SE (N)	976	-	436504 409091
192	**Contemporary Trade Directory Entries** Name: Print-Topia Location: Unit G3,Bromcliffe Pk, Barnsley, South Yorkshire, S71 5RN Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A9SW (SE)	976	-	436832 407157
193	**Contemporary Trade Directory Entries** Name: Rhys Davies Logistics Location: Unit 15, Industry Road, Carlton, Barnsley, S71 3PQ Classification: Road Haulage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A23SE (N)	995	-	436566 409098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	**Fuel Station Entries** Name: Jet Intake 5 Location: Burton Road , Monk Bretton , Barnsley, South Yorkshire, S71 2PA Brand: JET Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A14SW (E)	342	-	436721 408038
195	**Fuel Station Entries** Name: Jet Intake 2 Location: Rotherham Road , Monk Bretton , Barnsley, South Yorkshire, S71 2DD Brand: Jet Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	504	-	435928 407551
196	**Points of Interest - Commercial Services** Name: Barnsley Mobile Valeting Location: 13 Well Lane, Barnsley, S71 2EF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13SE (E)	69	8	436449 408021
197	**Points of Interest - Commercial Services** Name: Westgate Garage Location: 51a Westgate, Monk Bretton, Barnsley, S71 2DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	95	8	436082 407995
197	**Points of Interest - Commercial Services** Name: G Bland & Sons Location: 51 Westgate, Monk Bretton, Barnsley, S71 2DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	95	8	436082 407995
197	**Points of Interest - Commercial Services** Name: Westgate Garage Location: 51a Westgate, Monk Bretton, Barnsley, S71 2DS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (W)	95	8	436081 407995
198	**Points of Interest - Commercial Services** Name: Transmap UK Location: 25 Lamb Lane, Barnsley, S71 2PU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (NE)	179	8	436448 408278
199	**Points of Interest - Commercial Services** Name: F1 Car Cosmetics Location: 19 April Drive, Barnsley, S71 2PG Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (E)	244	8	436613 407950
200	**Points of Interest - Commercial Services** Name: Pest Force Doncaster Location: 33 St. Helens Way, Monk Bretton, Barnsley, S71 2PS Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A14NW (NE)	335	8	436648 408284
201	**Points of Interest - Commercial Services** Name: Car Wash Location: Intake Filling Station 5, Burton Road, Barnsley, S71 2PA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	342	8	436721 408038
201	**Points of Interest - Commercial Services** Name: Jet Intake 5 Location: Intake Filling Station, 5, Burton Road, Barnsley, S71 2PA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14SW (E)	344	8	436723 408021

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	**Points of Interest - Commercial Services** Name: Centaur Motors Location: 1 Littleworth Lane, Barnsley, S71 2JR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	419	8	436522 407628
202	**Points of Interest - Commercial Services** Name: Centaur Motors Location: 1 Littleworth Lane, Barnsley, S71 2JR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	419	8	436522 407628
203	**Points of Interest - Commercial Services** Name: Car Smart Location: 66 Livingstone Crescent, Barnsley, S71 2DN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NE (W)	440	8	435736 408095
204	**Points of Interest - Commercial Services** Name: C G Tolson Ltd Location: 4 Westgate, Monk Bretton, Barnsley, S71 2DJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SE (W)	441	8	435746 407908
204	**Points of Interest - Commercial Services** Name: C G Tolson Ltd Location: 4 Westgate, Monk Bretton, Barnsley, S71 2DJ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A12SE (W)	442	8	435745 407908
205	**Points of Interest - Commercial Services** Name: Jet Intake 2 Location: Rotherham Road, Barnsley, S71 2DD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	485	8	435929 407572
205	**Points of Interest - Commercial Services** Name: Car Wash Location: Rotherham Road, Barnsley, S71 2DD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A7NE (SW)	504	8	435928 407551
206	**Points of Interest - Commercial Services** Name: Compudash Systems Location: 8 Hanbury Close, Barnsley, S71 2LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	499	8	436587 407567
206	**Points of Interest - Commercial Services** Name: Compudash Systems Location: 8 Hanbury Close, Barnsley, S71 2LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (SE)	499	8	436587 407567
207	**Points of Interest - Commercial Services** Name: S A S Transport Services Location: 8 Carr Street, Barnsley, S71 2QA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	615	8	436955 408259
207	**Points of Interest - Commercial Services** Name: Sas Location: 8 Carr Street, Barnsley, S71 2QA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	616	8	436955 408259
207	**Points of Interest - Commercial Services** Name: Sas Transport Location: 8 Carr Street, Barnsley, S71 2QA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	616	8	436955 408259

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
208	**Points of Interest - Commercial Services** Name: F & G Commercials Ltd Location: Unit 1-2, Barkston Road, Barnsley, S71 3HU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	630	8	436289 408753
209	**Points of Interest - Commercial Services** Name: Braisby Transport Ltd Location: 10 Waycliffe, Barnsley, S71 2HN Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8SE (S)	646	8	436405 407367
210	**Points of Interest - Commercial Services** Name: Turismo Auto Services Location: Unit L14, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14SE (E)	661	8	437040 408018
210	**Points of Interest - Commercial Services** Name: Craig Shaw Location: Unit L9, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	685	8	437063 408063
211	**Points of Interest - Commercial Services** Name: R Hanson & Son 2011 Ltd Location: Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	687	8	436411 408811
211	**Points of Interest - Commercial Services** Name: B & M Auto Centre Location: Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	687	8	436411 408811
211	**Points of Interest - Commercial Services** Name: J Cutts & Sons Location: Carlton Industrial Estate, Shawfield Road, Barnsley, S71 3HS Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NE (N)	687	8	436410 408811
212	**Points of Interest - Commercial Services** Name: M G S Location: Unit L2, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	705	8	437079 408108
212	**Points of Interest - Commercial Services** Name: Vinnies Cars & Commercials Location: Unit G1, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	739	8	437114 408108
212	**Points of Interest - Commercial Services** Name: Three Point Four Location: Unit F, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	746	8	437113 408154
212	**Points of Interest - Commercial Services** Name: Three Point Four Location: Unit F, Bromcliffe Park, Barnsley, S71 5RN Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	747	8	437114 408155
213	**Points of Interest - Commercial Services** Name: Shine Location: 155 Rotherham Road, Barnsley, S71 2LL Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	721	8	436148 407264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
214	**Points of Interest - Commercial Services** Name: F & G Commercials Location: Shawfield Road, Barnsley, S71 3HS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	827	8	436191 408939
214	**Points of Interest - Commercial Services** Name: F & G Commercials Location: Shawfield Road, Barnsley, S71 3HS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	827	8	436191 408939
215	**Points of Interest - Commercial Services** Name: F & G Commercials Ltd Location: Shawfield Road, Barnsley, S71 3HS Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	828	8	436458 408948
216	**Points of Interest - Commercial Services** Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	832	8	435370 407802
217	**Points of Interest - Commercial Services** Name: Yorkshire Wasp Control Location: 34 Hazelwood, Barnsley, S71 2GE Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A12NW (W)	839	8	435395 408364
218	**Points of Interest - Commercial Services** Name: D & D Trucks Location: Unit 7, Barkston Road, Barnsley, S71 3HU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	894	8	436313 409020
218	**Points of Interest - Commercial Services** Name: Samurai Transport Ltd Location: Unit 7, Barkston Road, Barnsley, S71 3HU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	895	8	436314 409020
218	**Points of Interest - Commercial Services** Name: Samurai Transport Ltd Location: Unit 7, Barkston Road, Barnsley, S71 3HU Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NE (N)	895	8	436314 409020
219	**Points of Interest - Commercial Services** Name: D M C Autos Location: 450 Burton Road, Barnsley, S71 5RP Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	904	8	437234 408334
219	**Points of Interest - Commercial Services** Name: Ford Salvage Centre Location: Burton Road, Barnsley, S71 5RP Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A15NW (E)	965	8	437298 408331
220	**Points of Interest - Commercial Services** Name: A W Light Location: 15 Athersley Road, Barnsley, S71 3RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NW (NW)	931	8	435569 408769
220	**Points of Interest - Commercial Services** Name: A W Light Haulage Location: 15 Athersley Road, Barnsley, S71 3RU Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17NW (NW)	931	8	435569 408769

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
221	**Points of Interest - Commercial Services** Name: Rhys Davies Logistics Location: Unit 15, Industry Road, Carlton, Barnsley, S71 3PQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A23SE (N)	994	8	436565 409098
222	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18SE (NE)	540	8	436590 408612
223	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	736	8	436485 408851
223	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	751	8	436427 408874
224	**Points of Interest - Manufacturing and Production** Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A18NE (N)	775	8	436569 408871
224	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NE (N)	778	8	436563 408876
224	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A18NE (N)	782	8	436572 408877
225	**Points of Interest - Manufacturing and Production** Name: Burton Road Business Park Location: S71 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	792	8	437158 408163
226	**Points of Interest - Manufacturing and Production** Name: Burton Bank Quarry (Disused) Location: S71 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	862	8	435354 407747
227	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	873	8	437171 408431
227	**Points of Interest - Manufacturing and Production** Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	873	8	437171 408431
227	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	910	8	437196 408467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	**Points of Interest - Manufacturing and Production** Name: Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	932	8	437217 408474
227	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	937	8	437225 408469
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	955	8	437178 408607
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	965	8	437130 408698
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	971	8	437133 408704
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	973	8	437181 408636
228	**Points of Interest - Manufacturing and Production** Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	979	8	437187 408638
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A19SE (NE)	980	8	437191 408633
228	**Points of Interest - Manufacturing and Production** Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	998	8	437224 408612
228	**Points of Interest - Manufacturing and Production** Name: Tank Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	998	8	437171 408697
228	**Points of Interest - Manufacturing and Production** Name: Works Location: S71 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	998	8	437224 408612
229	**Points of Interest - Manufacturing and Production** Name: Tanks Location: S71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	961	8	437123 408701

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
230	**Points of Interest - Public Infrastructure** Name: Refuse Tip Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	286	8	435925 407866
230	**Points of Interest - Public Infrastructure** Name: Friends' Burial Ground Location: S71 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SE (SW)	295	8	435922 407851
230	**Points of Interest - Public Infrastructure** Name: Friends' Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	310	8	435888 407893
231	**Points of Interest - Public Infrastructure** Name: Jet Intake 5 Location: Intake Filling Station 5, Burton Road, Barnsley, S71 2PA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	341	8	436720 408037
231	**Points of Interest - Public Infrastructure** Name: Intake Five Location: Intake Filling Station 5, Burton Road, Barnsley, S71 2PA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	342	8	436721 408038
231	**Points of Interest - Public Infrastructure** Name: Intake 5 Location: Intake 5 Filling Station, Burton Road, Barnsley, S71 2PA Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A14SW (E)	347	8	436726 408033
232	**Points of Interest - Public Infrastructure** Name: Cemetery Location: S71 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	463	8	436255 407526
233	**Points of Interest - Public Infrastructure** Name: Bretton Service Station Location: Rotherham Road, Barnsley, S71 2DD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	504	8	435928 407551
233	**Points of Interest - Public Infrastructure** Name: Bretton Service Station Location: Rotherham Road, Barnsley, S71 2DD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	504	8	435928 407551
233	**Points of Interest - Public Infrastructure** Name: Jet Intake 2 Location: Rotherham Road, Barnsley, S71 2DD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A7NE (SW)	504	8	435928 407551
234	**Points of Interest - Public Infrastructure** Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	534	8	436175 407450
234	**Points of Interest - Public Infrastructure** Name: Cemetery Location: S71 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	534	8	436175 407450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
235	**Points of Interest - Public Infrastructure** Name: Refuse Tip (Disused) Location: S71 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A11SE (W)	987	8	435193 407912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	**Areas of Adopted Green Belt** Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan **Status: Adopted** Plan Date: 31st December 2000	A8SW (S)	813	6	436225 407172
237	**Local Nature Reserves** Name: Dearne Valley Park Multiple Area: N Area (m2): 493368.22 Source: Natural England Designation Date: 3rd May 1996	A8SW (S)	804	9	436216 407181
238	**Nitrate Vulnerable Zones** Name: River Dearne Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (W)	0	10	436277 408050

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	July 2013	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	March 2015	Annual Rolling Update
Discharge Consents		
Environment Agency - North East Region	April 2018	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North East Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - North East Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - North East Region	April 2018	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	April 2014	Variable
Wakefield City Metropolitan District Council - Environmental Health	June 2014	Variable
Local Authority Pollution Prevention and Controls		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	April 2014	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	June 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	April 2014	Variable
Wakefield City Metropolitan District Council - Environmental Health	June 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Pollution Incidents to Controlled Waters		
Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North East Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - North East Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - North East Region	January 2015	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - North East Region - Ridings Area	April 2018	Quarterly
Environment Agency - North East Region - Yorkshire Area	April 2018	Quarterly
Water Abstractions		
Environment Agency - North East Region	April 2018	Quarterly
Water Industry Act Referrals		
Environment Agency - North East Region	October 2017	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	April 2015	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	August 2015	As notified

Data Currency

Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	January 2018	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	May 2018	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	May 2018	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	May 2018	Quarterly
Flood Defences Environment Agency - Head Office	May 2018	Quarterly
OS Water Network Lines Ordnance Survey	May 2018	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	April 2018	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North East Region - Ridings Area	April 2018	Quarterly
Environment Agency - North East Region - Yorkshire Area	April 2018	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North East Region - Ridings Area	April 2018	Quarterly
Environment Agency - North East Region - Yorkshire Area	April 2018	Quarterly
Local Authority Landfill Coverage		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	May 2000	Not Applicable
Wakefield City Metropolitan District Council - Environmental Health	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	May 2000	Not Applicable
Wakefield City Metropolitan District Council - Environmental Health	May 2000	Not Applicable
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Environment Agency - North East Region - Yorkshire Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Environment Agency - North East Region - Yorkshire Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Environment Agency - North East Region - Yorkshire Area	March 2003	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	September 2017	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Wakefield City Metropolitan District Council	February 2016	Variable
Barnsley Metropolitan Borough Council - Planning Department	January 2016	Variable
Planning Hazardous Substance Consents		
Wakefield City Metropolitan District Council	February 2016	Variable
Barnsley Metropolitan Borough Council - Planning Department	January 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	May 2018	Quarterly
Fuel Station Entries Catalist Ltd - Experian	April 2018	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	June 2018	Quarterly
Points of Interest - Education and Health PointX	June 2018	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2018	Quarterly
Points of Interest - Public Infrastructure PointX	June 2018	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2018	Quarterly
Underground Electrical Cables National Grid	December 2015	Bi-Annually

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	October 2017	Bi-Annually
Areas of Adopted Green Belt		
Barnsley Metropolitan Borough Council - Planning Department	February 2018	As notified
Wakefield City Metropolitan District Council	February 2018	As notified
Areas of Unadopted Green Belt		
Barnsley Metropolitan Borough Council - Planning Department	February 2018	As notified
Wakefield City Metropolitan District Council	February 2018	As notified
Areas of Outstanding Natural Beauty		
Natural England	February 2018	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2018	Bi-Annually
Marine Nature Reserves		
Natural England	January 2018	Bi-Annually
National Nature Reserves		
Natural England	February 2018	Bi-Annually
National Parks		
Natural England	April 2017	Bi-Annually
Nitrate Vulnerable Zones		
Environment Agency - Head Office	December 2017	Bi-Annually
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	
Ramsar Sites		
Natural England	February 2018	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2018	Bi-Annually
Special Areas of Conservation		
Natural England	January 2018	Bi-Annually
Special Protection Areas		
Natural England	February 2018	Bi-Annually

Data Suppliers

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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** 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	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards** Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
4	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
6	**Barnsley Metropolitan Borough Council - Planning Department** Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
7	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** 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.

Public Health England

Report of address search for radon risk

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

Radon Risk Report for addresses in England and Wales

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Address searched: 1 Walkers Terrace, Barnsley, S71 2EB

Date of report: 25 July 2018

Guidance for existing properties

Is this property in a radon Affected Area? - Yes

A radon Affected Area is defined as where the radon level in at least one property in every hundred is estimated to exceed the Action Level.

The estimated probability of the property being above the Action Level for radon is: 1-3%

The result may not be valid for buildings larger than 25 metres.

If this site if for redevelopment, you should undertake a GeoReport provided by the British Geological Survey.

This report informs you of the estimated probability that this particular property is above the Action Level for radon. This does not necessarily mean there is a radon problem in the property; the only way to find out whether it is above or below the Action Level is to carry out a radon measurement in an existing property.

Radon Affected Areas are designated by the Public Health England. PHE advises that radon gas should be measured in all properties within Radon Affected Areas.

If you are buying a currently occupied property in a Radon Affected Area, you should ask the present owner whether radon levels have been measured in the property. If they have, ask whether the results were above the Radon Action Level and if so, whether remedial measures were installed, radon levels were re-tested, and the results of re-testing confirmed the effectiveness of the measures.

Further information is available from PHE or http://www.ukradon.org

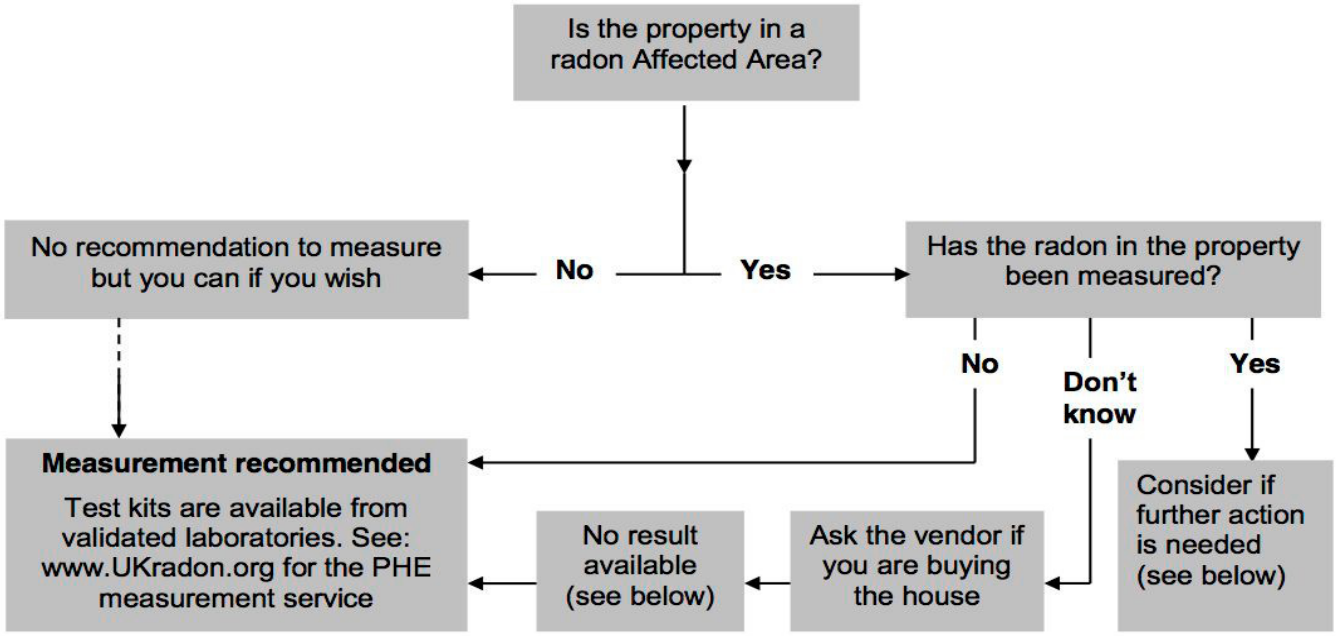
Guidance for new buildings and extensions to existing properties

What is the requirement under Building Regulations for radon protection in new buildings and extensions at the property location? - None

If you are buying a new property in a Radon Affected Area, you should ask the builder whether radon protective measures were incorporated in the construction of the property.

See the Radon and Building Regulations for more details.

PHE guidance for occupiers and prospective purchases



Existing radon test results: There is no public record of individual radon measurements. Results of previous tests can only be obtained from the seller. Radon levels can be significantly affected by changes to the building or its use, particularly by alterations to the heating and ventilation which can also be affected by changes in occupier. If in doubt, test again for reassurance.

Radon Bond: This is simply a retained fund, the terms of which are negotiated between the purchaser and the vendor. It allows the conveyance of the property to proceed without undue delay. The purchaser is protected against the possible cost of radon reduction work and the seller does not lose sale proceeds if the result is low. Make sure the agreement allows enough time to complete the test, get the result and arrange the work if needed.

High Results: Exposure to high levels of radon increases the risk of developing lung cancer. If a test in a home gives a result at or above the Action Level of 200 Becquerels per cubic metre of air (Bq/m3), formal advice will be given to lower the level. Radon reduction will also be recommended if the occupants include smokers or ex-smokers when the radon level is at or above the Target Level of 100 Bq/m3; these groups have a higher risk. Information on health risks and radon reduction work is available from PHE. Guidance about radon reduction work is also available from some Local Authorities, the Building Research Establishment and specialist contractors.

PHE designated radon website: http://www.ukradon.org
Building Research Establishment: http://www.bre.co.uk/page.jsp?id=3137

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APPENDIX III

Coal Authority Consultants Mining Report

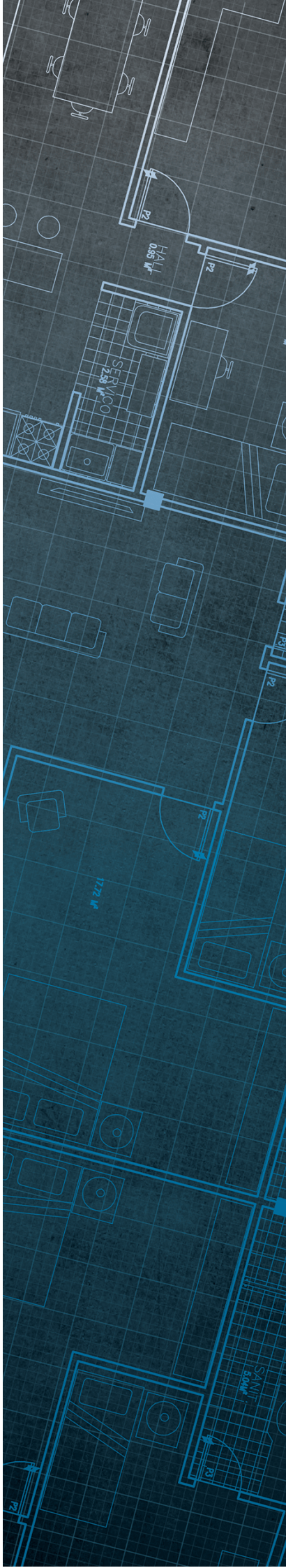
The Coal Authority

Consultants

Coal Mining Report

Land Between Back Lane & Garden
House Close
Monk Bretton
Barnsley
S71 2EB

Date of enquiry:	**19 July 2018**
Date enquiry received:	**19 July 2018**
Issue date:	**19 July 2018**
Our reference:	**51001877678001**
Your reference:	**18-013**



Consultants

Coal Mining Report

This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Sean Barrett

Enquiry address

Land Between Back Lane & Garden House Close
Monk Bretton
Barnsley
S71 2EB



Approximate position of property

Map data

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/company/the-coal-authority
/thecoalauthority
/thecoalauthority

Section 1 – Mining activity and geology

Past underground mining

Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
MONK BRETTON	MELTONFIELD	Coal	63A8	93	South-East	6.5	South-East	104	1957
MONK BRETTON	WINTER	Coal	63AF	103	Beneath Property	6.0	East	122	1948
MONK BRETTON	TWO FOOT	Coal	63AC	107	South-East	6.2	South-East	84	1951
MONK BRETTON	WINTER	Coal	64JG	108	Beneath Property	6.5	South-East	91	1947
WINTER	WINTER	Coal	64JL	109	North-West	5.0	East	137	1898
MONK BRETTON	TWO FOOT	Coal	64JF	111	East	4.0	South-East	80	1950
EAST BARNSLEY	WINTER	Coal	64JK	112	North-West	2.3	East	137	1917
EAST BARNSLEY	BEAMSHAW TOP	Coal	64JM	122	North-West	1.6	North-East	122	1916
unnamed	WINTER	Coal	63AJ	130	South-West	5.9	East	122	1922
MONK BRETTON	BEAMSHAW LOW	Coal	63AK	140	South-East	6.3	South-East	86	1942
MONK BRETTON	KENTS THIN	Coal	63AO	142	South	6.3	East	56	1960
MONK BRETTON	BEAMSHAW LOW	Coal	64JN	149	South-East	7.8	South-East	102	1942
MONK BRETTON	KENTS THIN	Coal	64JQ	151	Beneath Property	5.3	East	53	1959
MONK BRETTON	KENT THICK	Coal	63AT	165	South-East	6.4	South-East	97	1944
MONK BRETTON	BARNSLEY	Coal	64JU	211	Beneath Property	7.5	South-East	177	1927
unnamed	BARNSLEY	Coal	64JW	228	North-West	5.5	East	282	1895
MONK BRETTON	BARNSLEY	Coal	63AZ	230	South-East	6.8	South-East	177	1930
unnamed	BARNSLEY	Coal	64JV	233	North	4.1	East	177	1900
unnamed	BARNSLEY	Coal	63AX	238	South-West	5.0	South-East	177	1874
unnamed	TOP HAIGH MOOR	Coal	637Z	272	West	1.6	North	97	1929
unnamed	TOP HAIGH MOOR	Coal	650S	279	West	3.0	South-East	102	1932
WHARNCLIFFE / WOODMOOR	TOP HAIGH MOOR	Coal	63B5	282	Beneath Property	6.0	South-East	102	1932

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Colliery	Seam	Mineral	Coal Authority reference	Depth (m)	Direction to working	Dipping rate of seam worked (degrees)	Dipped direction of seam worked	Extraction thickness (cm)	Year last mined
WHARNCLIFFE / WOODMOOR	TOP HAIGH MOOR	Coal	64JY	284	Beneath Property	3.5	East	97	1931
BARNSLEY	TOP HAIGH MOOR	Coal	63B4	288	South-East	6.1	South-East	137	1928
BARNSLEY MAIN	TOP HAIGH MOOR	Coal	64JX	294	East	8.1	South-East	137	1924
unnamed	LIDGETT	Coal	6389	315	West	2.5	North-East	79	1955
WHARNCLIFFE / WOODMOOR	LIDGETT	Coal	650Z	319	West	3.9	South-East	81	1953
WHARNCLIFFE / WOODMOOR	LIDGETT	Coal	64K4	323	Beneath Property	3.7	East	79	1961
WHARNCLIFFE / WOODMOOR	LIDGETT	Coal	63B8	324	Beneath Property	3.8	South-East	94	1959

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

None recorded within 100 metres of the enquiry boundary.

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

M223	NE520	M459
NE534	GCR275	NE686
13347	180A	NE688

Our records show we have more plans than those shown above which could affect the enquiry boundary.

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

No outcrops recorded.

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

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Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

Coal mining subsidence

There are 1 claim(s) within 50 metres of the property boundary that do not match the property address. These are shown on the enquiry boundary plot.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

If further subsidence damage claims information is required, please visit www.groundstability.com.

See Section 4 for further information.

Mine gas

Distance to gas incident/remediation (m)	Direction
71.2	South
488.4	North

See Section 4 for further information.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

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Section 3 – Licensing and future mining activity

Future underground mining
None recorded.

Coal mining licensing
None recorded within 200 metres of the enquiry boundary.

Court orders
None recorded.

Section 46 notices
No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

Withdrawal of support notices
The property is in an area where notices to withdraw support were given in 1951 and 1982.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

Payments to owners of former copyhold land
The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

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Section 4 – Further information

The following potential risks have been identified and as part of your risk assessment should be investigated further.

Development advice

The site is within an area of historical coal mining activity. Should you require advice and/or support on understanding the mining legacy, its risks to your development or what next steps you need to take, please contact us.

Coal mining subsidence

The site is within an area of previous interest. It is close to where the Coal Authority or licensed mine operator has investigated and where necessary remediated issues relating to coal mining subsidence.

The site requires further investigation and may influence your risk assessment. We recommend that you order the appropriate **Coal Authority Subsidence Claims Report**, which will include more information about the hazard.

Mine gas remedial works

The site is within an area of previous interest. It is close to where the Coal Authority has investigated and subsequently remediated the effects of mine or ground gas emissions following specific reported hazards.

The site requires further investigation and may influence your risk assessment. We recommend that you order the **Coal Authority Mine Gas Emission Report**, which will include more information about the hazard.

For further information on specific site or ground investigations in relation to any issues raised in Section 4, please call us on 0345 762 6848 or email us at groundstability@coal.gov.uk.

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Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk.**

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

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Opencast mines
Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips
Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations
Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites
Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence
Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas
Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

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Mine water treatment schemes
Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining
Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing
Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders
Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices
Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices
Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land
Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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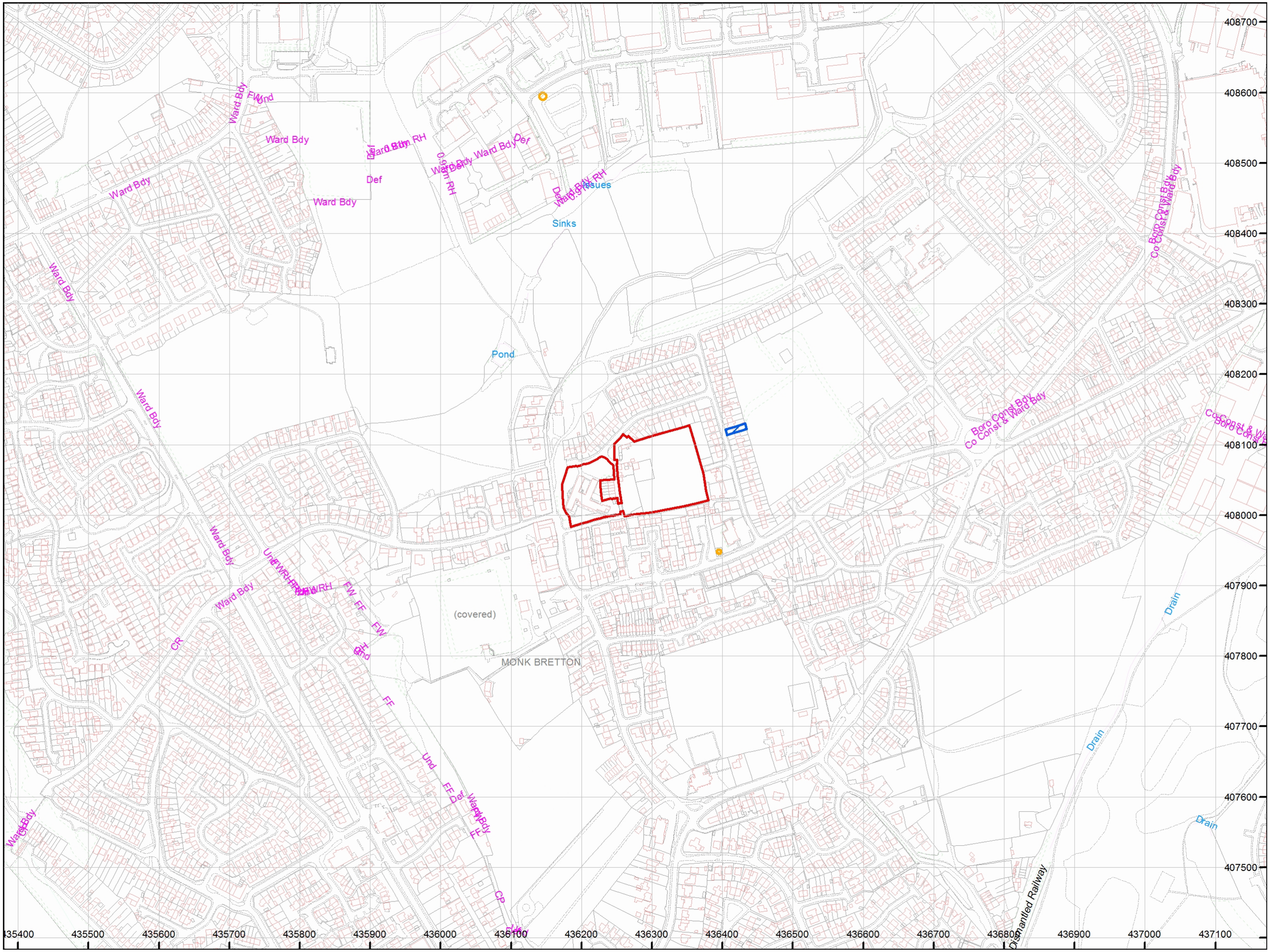
Summary of findings

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The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

- Approximate position of the enquiry boundary shown
- Mine gas remedial works
- Coal claim



How to contact us
0345 762 6848 (UK)
+44 (0)1623 637 000 (International)
www.groundstability.com

APPENDIX IV

BGS Borehole records

APPENDIX V

Conceptual Site Model (CSM)