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ENVIRONMENTAL

EAST STAFFORDSHIRE BOROUGH
COUNCIL
THE DOVE WAY (AREAS A & B)
UTTOXETER

PHASE 1 GEO ENVIRONMENTAL
ASSESSMENT REPORT



Integrated Engineering and Environmental Consultants

environmental | water | transportation | civil | structural | highways | infrastructure

BWB
CONSULTING

ENVIRONMENTAL

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ASSESSMENT REPORT

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Issue	Date	Comments
Version 1	July 2010	Final

EXECUTIVE SUMMARY

Site Setting	<p>The site comprises two separate parcels of land situated close to The Dove Way on the north western edge of Uttoxeter. The northern area, which has been designated 'Area A' comprises open land with long grass and other vegetation. A large sewage treatment works is located immediately east of Area A.</p> <p>The southern area, designated as 'Area B' comprises a small industrial estate including a sign printing firm, a vehicle repair and service workshop and a household waste recycling facility. The Wharf Brook also flows west to east through the centre of Area B.</p>
Site History	<p>The eastern area of Area A is indicated to have been a refuse tip between approximately 1964 and 1978 but is otherwise indicated to have remained undeveloped.</p> <p>Area B has been used for industrial purposes since prior to 1882 with the first use comprising a gas works in the western area of the site. A railway is also indicated to have run north-south through the eastern area of the site since prior to 1882 and up until around 1983. Post 1964 the majority of the site uses is indicated to slowly change with later uses including a depot/ small industrial estate and a public refuse tip. Significant earthworks are indicated to have taken place in the second half of the 20th Century with a plateau created in the northern area of the site and the railway cutting infilled. Significant thicknesses of made ground can be expected in these areas.</p>
Regulatory Setting	<p>The majority of Area A and northern section of Area B are indicated to have been landfilled in the past. Permitted wastes at the landfill in Area A are known to have included inert, industrial, commercial and household including liquid sludge. There are also a number of entries relating to the recycling facility in Area B of the site. Discharge consents for a discharge from the sewage network are present at the site with the discharge present towards the western end of The Wharf Brook in Area B.</p>
Geological, Hydrological and hydrogeological Setting	<p>The site (both Area A and Area B) is indicated to be underlain by solid geology comprising Mercia Mudstone Group. Drift deposits are indicated to directly underlie the entire site area. Area A is indicated to be underlain by Alluvium drift deposits with Glaciofluvial Deposits (sand and gravel) along the western fringe of the site. Area B is indicated to be wholly underlain by Glaciofluvial Deposits. Given the landfill sites indicated at the site it is likely that a significant thickness of made ground can also be expected.</p> <p>The River Tean is located approximately 150m north of Area A and flows in an easterly direction. The Wharf Brook flows in an easterly direction through the central area of Area B and passes approximately 200m south of Area A.</p> <p>The Mercia Mudstone solid geology underlying the site is indicated to be a Secondary B Aquifer with the drift deposits indicated to be a Secondary A Aquifer. The principal migration pathway and receptor is therefore considered to be groundwater in the drift deposits.</p>
Geotechnical Setting	<p>Based on the historical uses of the site significant made ground may be present across the site which is unlikely to be suitable as a founding medium without improvement.</p> <p>Based on the current site topography and the proposed development scheme earthworks are likely to be required most notably around Area B where a number of steep slopes are present. Earthworks should be designed to maximise the retention of soils on site where chemically suitable. An earthworks assessment may also be required to characterise the soil material.</p>
Contamination Sources	<p>Current on site sources identified comprise landfill material and made ground (Area A & B), a household recycling facility (Area B) and a vehicle repair workshop with historical sources comprising a gas works (Area B) Alluvium drift deposits (Area A) and a railway (Area B). A sewage treatment work located immediately east of Area A is the only significant off site source of contamination identified.</p>
Pollutant Linkages	<p>The principal risks are considered to be from human receptors at residential properties inhaling/ingesting soil bound contamination in the shallow soils associated with the contamination sources identified, human receptors inhaling hazardous ground gases leading to asphyxiation, hazardous ground gases accumulating in confined spaces in</p>

	buildings leading to explosion and impact to controlled water from leaching of shallow soil contamination and subsequent groundwater migration.
Recommendations	<p>An intrusive investigation is required to enable the shallow ground conditions and contamination status to be assessed. The investigation should include ground gas monitoring in order to characterise the gassing regime at the site and determine the necessity for gas protection measures.</p> <p>Intrusive investigation should seek to establish the shallow ground conditions and thicknesses and composition of made ground horizons. Geotechnical information should be obtained through geotechnical laboratory analysis and in situ testing in order to provide preliminary foundation design solutions.</p> <p>An ecological survey is recommended at the site as potential invasive species have been tentatively identified at the site.</p>
This summary should be read in conjunction with BWB's full report (ref.NTE285/01/V1) and reflects an assessment of the Site based on information received by BWB at the time of production.	

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1.0 INTRODUCTION

Instruction

- 1.1 BWB Consulting (BWB) was instructed by Paul Shanley on behalf of East Staffordshire Borough Council (the Client) to carry out a Phase 1 Geo-environmental Assessment at the site at The Dove Way (Areas A & B), Uttoxeter, Staffordshire. Details of the project brief are included in BWB proposal reference IDN/RC/NTE285 R1 dated January 2010.

Objectives

- 1.2 The report has been completed to fulfil the requirements of a preliminary risk assessment in accordance with CLR11 "Model Procedures for the Management of Land Contamination". The objectives of the report are:
- To assess historical activities at the site with respect to their potential impact on the site environment;
 - To characterise the environmental setting of the site, identify migration pathways and vulnerable receptors for contamination originating at the site, focusing on potential soil and groundwater liabilities;
 - To assess historical and current surrounding land use in relation to known or potential off-site contamination issues that may impact the subject property; and
 - To develop a preliminary conceptual site model (CSM).
- 1.3 Details of the BWB Approach and legal framework for the appraisal of contaminated land are presented in **Appendix 1**.

Limitations

- 1.4 The assessments and interpretation have been made in line with legislation and guidelines in force at the time of writing, representing best practice at that time.
- 1.5 All of the comments and opinions contained in this report, including any conclusions, are based on the information obtained by BWB during our investigations.
- 1.6 There may be other conditions prevailing on the site which have not been disclosed by this investigation and which have not been taken into account by this report. Responsibility cannot be accepted for conditions not revealed by the investigation.
- 1.7 Any diagram or opinion of the possible configuration of the findings is conjectural and given for guidance only and confirmation of intermediate ground conditions should be considered if deemed necessary.
- 1.8 Except as otherwise requested by the Client, BWB is not obliged and disclaims any obligation to update the report for events taking place after:
- a) The date on which this assessment was undertaken; and
 - b) The date on which the final report is delivered.

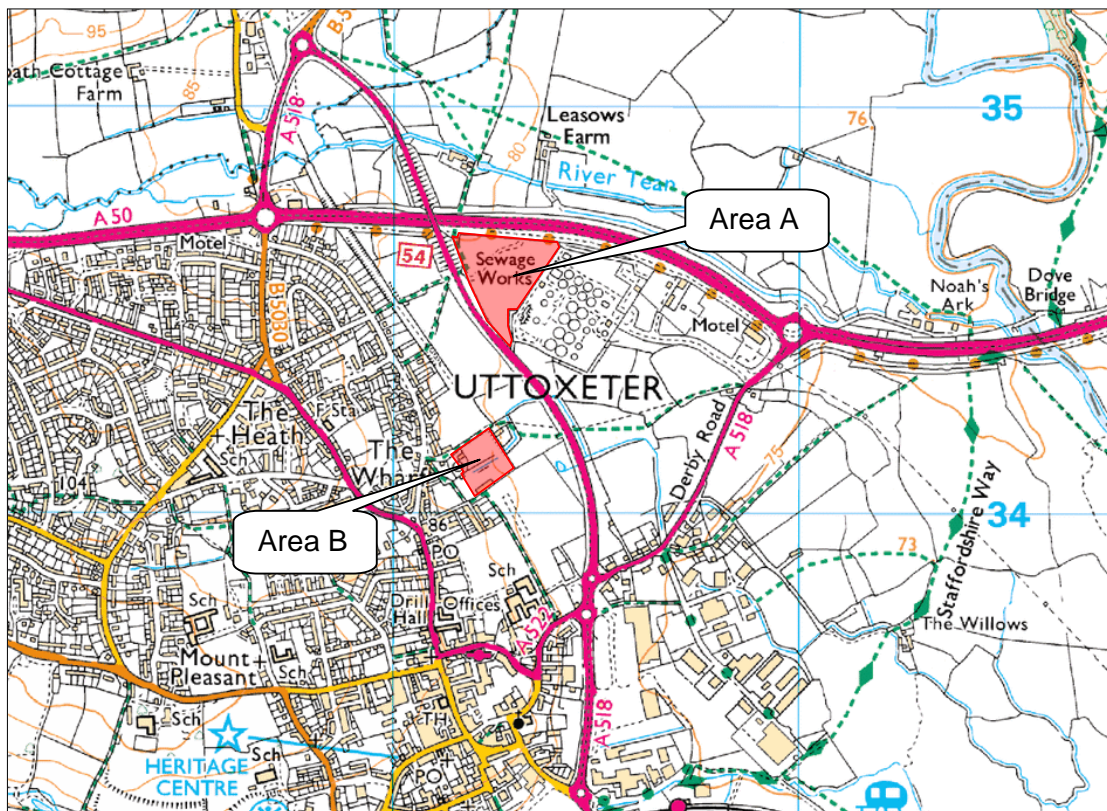
- 1.9 BWB makes no representation whatsoever concerning the legal significance of its findings or to other legal matters referred to in the following report.
- 1.10 This report has been prepared for the sole use of East Staffordshire Borough Council. No other third parties may rely upon or reproduce the contents of this report without the written permission of BWB. If any unauthorised third party comes into possession of this report they rely on it at their own risk and the authors do not owe them any Duty of Care or Skill.

2.0 THE SITE

Site Location

2.1 The site is located on the north eastern edge of Uttoxeter conurbation approximately 1km north of the town centre. The site is split into two sections situated adjacent/close to The Dove Way; an arterial relief road carrying traffic north east of Uttoxeter. The two parcels of land one to the north and one to the south west are approximately centred at national grid references 409280, 334490 and 409230, 334120 respectively. The location of the site is shown in **Figure 1**.

Figure 1 - Site Location Plan



Reproduced from the Ordnance Survey 1:25,000 scale map with the permission of the controller of Her Majesty's Stationery Office Crown Copyright Reserved. OS Licence number 100013665.

Site Description

2.2 The site comprises two parcels of land which are approximately triangular and square in shape respectively. These two sections of land comprise part of a wider proposed development area which connects the two parcels of the site. For the purpose of this assessment the site areas will be referred to throughout this report as follows:

- Area A – The Triangular parcel of land which is currently undeveloped open ground and forms the northern part of the site;
- Area B – A square parcel of land comprising predominantly industrial/commercial use situated in the south eastern area of the proposed development scheme; and

- Area C – Two parcels of land either side of The Dove Way which connect Area A and Area B. This parcel of land is assessed in the BWB report ref: NTE285/02/V1 dated July 2010.

2.3 A representative of BWB undertook a site reconnaissance visit on 24th June 2010. The layout of the site with the main features is presented as **Figure 2**. Photographs from the site visit are presented in **Appendix 2**.

Area A

- 2.4 Area A comprises overgrown open land with vegetation including long grass, thistles, nettles and shrubs. The vegetation tentatively identified included small areas of Japanese Knotweed. However, it should be noted that BWB is not a specialised ecologist and it is therefore recommended that a specialist ecologist is commissioned to undertake a survey.
- 2.5 The site boundaries comprise fencing and mature shrubs with access to the site available under a bridge on a public footpath on the western boundary of the site, or through a gate (which was padlocked at the time of the visit) on the south western boundary of the site; only the former is suitable for vehicular access.
- 2.6 A small footpath runs through the vegetation within the site boundary roughly parallel to the western site boundary. A circular footpath is also present running roughly parallel to the site boundaries in the northern two thirds of the site.
- 2.7 The site lies at approximately 80m above ordnance datum (AOD) and is approximately flat. However there is a small drop in elevation of around 1.5m in the north western area of the site and a small mound of approximately 2.0m in height is present close to the south eastern boundary of the site. The site slopes away steeply at the southern edge of the site with a drop of approximately 3.0m.
- 2.8 Beyond the boundaries of the site The Dove Way forms the western site boundary. The road and the site are at approximately the same elevation at the southern end of the site with the road rising to approximately 10.0m above the site towards the northern edge of the site where the site and road are separated by a steep vegetated slope. Beyond The Dove Way to the west is pasture and park land. To the north of the site is the A50 dual carriageway with farmland beyond. To the south east of the site is a large sewage treatment works.

Area B

- 2.9 This parcel of the site comprises a waste recycling facility and a small industrial estate dissected by a stream running within a small valley. The site lies at approximately 80m AOD and falls in height by approximately 3m from the western boundary to the eastern boundary. The northern area is roughly flat which indicates that significant quantities of made ground may be present. The southern area slopes steadily away towards the east with a fall of approximately 3m.
- 2.10 The north eastern section of Area B is occupied by the waste recycling facility. No access was available to the facility on the day of the visit although an inspection was undertaken from the perimeter and photographs taken. The recycling facility comprised predominantly asphalt hardstand with a small grass verge around the site perimeter. The site boundary was formed by approximately 2.5m high palisade

fencing with access provided on the northern side of the site. Bushes indicative of Japanese Knotweed (an invasive plant species) were tentatively identified adjacent to the entrance to the site. A small cabin was situated in the northern area with the main waste disposal area situated centrally. Large waste disposal skips in this area included garden waste, non recyclable household waste, small appliances, non recyclable bulky waste items, cardboard, chipboard and wood and timber. Smaller recycling bank bins in this area comprised paper, books, cloths and textiles, glass, printer ink and cartons. Further waste disposal skips and bins were present along the eastern boundary of the site including hard core and rubble and large kitchen appliances as well as used cooking oil and waste oil tanks. The waste oil tank comprised steel above ground storage tank (AST) of approximately 3,000l in capacity and was positioned within a small steel bund. There were no obvious signs of spillages or leaks from the viewing position. The recycling facility was considered to be well kept and in a tidy condition with no visual signs of impact or odours.

- 2.11 The southern section of Area B is occupied by Hawksworth (Graphics, Prints and Signs) and Dovebank Motors. The site comprises predominantly asphalt hard stand and vegetation in the eastern area with a small industrial unit in the southern area and small toilet block in the central area. Both the unit and toilet block are of single storey brick construction with corrugated cement (possibly asbestos containing) roof. Hawksworth occupied approximately the western two thirds of the unit with Dovebank Motors present in the eastern third.
- 2.12 Adjacent to the unit in the Dovebank Motors area was an AST possibly used as a waste oil tank. The tank was of self banded double skin plastic construction and approximately 2,000l in capacity. No visual or olfactory evidence of contamination was observed within the vicinity of the AST. Adjacent to the AST was a bin for waste oil filters, an empty antifreeze barrel, an old vehicle radiator and a rear axle of a car. A surface water drain was located adjacent to this area with surface staining indicating that contaminants have been washed into the drain. Two ASTs were noted further to the east of the unit which were indicated to be no longer in use. The smaller of the two ASTs was considered to be approximately 1,200l in capacity was of steel construction positioned on breeze block stilts; this AST did not have a bund. The larger AST was considered to be approximately 10,000l in capacity and also of steel construction the tank was situated within a bund with concrete base and brick walls with no product present in the bottom. This tank was housed within a small timber shack with corrugated sheet cement (possibly asbestos containing) sides and roof. No visual or olfactory evidence of contamination was noted in the vicinity of these two ASTs.
- 2.13 The western section of the small industrial estate was overgrown with grass, nettles, thistles and other vegetation including a raised bank indicating potential made ground. Numerous tyres were present in this area and were laid out in a manner which indicated the area was formerly used as a go-kart track. A metal storage drum circa 350l capacity was present in this area which was indicated to have been used to burn waste. Grey ash and burnt items including the remains of aerosol cans and batteries were noted on the ground surrounding the drum. Two large steel storage containers were also situated within this area.
- 2.14 A small brook flows through from west to east through the central area of the site and is culverted at the eastern and western boundaries of the site. The brook flows along a straight artificial concrete channel within a small valley though the slope of the northern bank becomes more significant towards the eastern extents. The banks are

predominantly vegetated and largely overgrown, with potential invasive Japanese Knotweed bushes tentatively identified on the northern bank adjacent to the recycling facility. Flow within the channel was noted to be very low through debris within grills along the channel indicate that much more significant flow along the channel does take place. A discharge point was noted toward the western extent of the open channel with a steady constant flow. The water channel was noted to have a frothy surface in this area with a stale/stagnant water type odour noted.

- 2.15 The site is bound to the north by a park and playing fields and to the east by pasture land. To the south of the site is playing fields associated with a nearby school and to the west is residential properties and a small skip hire facility (or similar); though no waste disposal was indicated to take place at the premises. To the north west of Area B, was a small industrial unit of steel frame construction with brick walls and metal cladding on the roof and upper walls. A large shutter was present to the front of the unit. The use for the unit was not ascertained during the visit though was indicative of light industrial use.

Proposed Development

- 2.16 The Dove Way proposed development scheme is anticipated to comprise a mixed use development of residential housing and commercial units with the relocation of the waste recycling facility.
- 2.17 Area A is anticipated to be developed into predominantly commercial and industrial units with associated landscaping and infrastructure. It is proposed that the waste recycling facility will be relocated in the eastern section of Area A.
- 2.18 Area B is anticipated to be developed for residential use with associated gardens, infrastructure and landscaping.
- 2.19 A development Masterplan is presented as **Figure 3**.

3.0 SITE HISTORY

Ordnance Survey Plans

3.1 Historical Ordnance Survey (OS) mapping for the site areas have been reviewed. These maps and plans date from 1882 OS County Series to the current 2010 OS Plans. The historical plans reviewed have been reproduced as **Appendix 3**. The key points of the historical development of the site and surrounding area are summarised below in **Table 1**.

Table 1 - Key Points of Site Development History (1882 – 2010)

Dates	On Site	Surrounding Area
1882 - 1922	<p><u>Area A</u> – Comprises open land with a network of field boundaries.</p> <p><u>Area B</u> – The south western area is indicated to be part of a GAS WORKS which extends off site to the west. A RAILWAY line is also indicated to run within a cutting orientated north south through the eastern area of the site. A stream is indicated to flow south west to north east through the site.</p> <p>By 1901 a railway branch line is indicated to run into the gas works.</p>	<p><u>Area A</u> – A RAILWAY is shown approximately 180m west of the site and the River Tean is located approximately 150m north of the site.</p> <p><u>Area B</u> – LIME KILNS are indicated approximately 100m west of the site. The remaining area is predominantly undeveloped with the exception of residential properties along Slade Lane located approximately 80m west of the site. The 1901 map indicates Pennycroft Well is situated approximately 10m east of the site.</p>
1922 - 1964	<p><u>Area A</u> – No significant changes are evident.</p> <p><u>Area B</u> – The gas works has extended north and now lies within the north western area of the site.</p>	<p><u>Area A</u> – A SEWAGE TREATMENT WORKS is indicated immediately south east of the site.</p> <p>The 1938 map indicated the A50 dual carriageway is under construction immediately north of the site.</p> <p><u>Area B</u> – No significant changes evident.</p>
1964 - 1983	<p><u>Area A</u> – Earthworks have taken place in the north eastern area of the site indicated by several steep slopes. This area is labelled as a REFUSE TIP. A pond is also indicated in the southern area of the site.</p> <p>No waste disposal or earthworks are indicated from 1978.</p> <p><u>Area B</u> – The gas works is now just labelled as a depot though additional buildings are indicated. Earthworks to create a level plateau are indicated to have taken place with several steep banks present. The stream is also indicated to have been artificially altered.</p>	<p><u>Area A</u> – No significant changes evident.</p> <p><u>Area B</u> – No significant changes evident.</p>
1983 - 1994	<p><u>Area A</u> – No significant changes evident.</p> <p><u>Area B</u> – By 1983 the railway is indicated to have been dismantled and the cutting BACKFILLED.</p>	<p><u>Area A</u> – No significant changes evident.</p> <p><u>Area B</u> – No significant changes evident.</p>

Dates	On Site	Surrounding Area
1994 - 2010	<p><u>Area A</u> – From 2000 the site is indicated to be playing fields.</p> <p><u>Area B</u> – The north eastern area of the site is indicated to be a PUBLIC REFUSE TIP.</p>	<p><u>Area A</u> – By 1999 The Dove Way has been constructed along the western boundary of the site.</p> <p><u>Area B</u> – No significant changes evident.</p>

SOURCES IN BOLD AND CAPS *Receptors bold and italics*

Aerial Photographs

- 3.2 No Aerial Photographs have been reviewed as part of this assessment.

Operational / Company Records

- 3.3 No operational or company records have been reviewed as part of this assessment.

Historical Summary

Area A

- 3.4 Area A is indicated to have remained largely undeveloped based on the historical mapping with the exception of the eastern area of the site which is indicated to have been a refuse tip between approximately 1964 and 1978.
- 3.5 Development surrounding the site has comprised a sewage treatment works to the south east of the site from approximately 1922 and the development of the A50 dual carriageway to the north of the site and The Dove Way to the west of the site by around 1938 and 1999 respectively.

Area B

- 3.6 Area B has been used for industrial purposes since prior to 1882 with the first use comprising a gas works in south western area of the site and extending in to the north western area by 1922. A railway is also indicated to have run north-south through the eastern area of the site since prior to 1882 and up until around 1983. Post 1964 the majority of the site uses is indicated to slowly change with later uses including a depot/ small industrial estate and a public refuse tip. A stream is also indicated to flow west-east through the central area of the site since the earliest mapping.
- 3.7 Significant earthworks are indicated to have taken place in the second half of the 20th Century with a plateau created in the northern area of the site and the railway cutting filled in. Significant thicknesses of made ground can be expected in these areas.
- 3.8 The surrounding land has predominantly remained undeveloped or occupied by residential properties to the west of the site. However a well (Pennycroft) is annotated historically just off site to the east.

4.0 REGULATORY REVIEW

Permits Consents and Authorisations

4.1 The factors that could influence the environmental status of the site are described below in **Table 2**. A full listing of these factors including discharge consents, pollution incidences and other environmental information included in the Envirocheck® Report, is presented in **Appendix 4**.

Table 2 - Regulatory Review

Feature	No. within 1km of site boundary	Closest to site*	Comments
Local Authority Pollution Prevention and Control (LAPPC)	11: 4 between 251m and 500m; and 7 between 501m and 1km.	Angus Mackinnon located approximately 280m south east of Area B for waste oil burners.	Unlikely to impact the site.
Local Authority Pollution Prevention and Controls Enforcements	1: 1 between 501m and 1km.	Bamford works located approximately 950m south of Area B for breaching conditions relating to an air pollution control.	Unlikely to impact the site.
Water Industry Act referrals	1: 1 between 501m and 1km.	Imperial And Queens Laundries Ltd located approximately 680m west of Area B. The application was cancelled.	Unlikely to impact the site.
Contemporary Trade Directory Entries	99: 1 on site; 6 between 0m and 250m; 31 between 251m and 500m; and 61 between 501m and 1km.	Hawksworth Graphic & Print located in Area B. Active entries within 250m of the site include scrap metal merchants (130m south west of Area B), ice cream manufacturers (130m west of Area B) and an aggregates company (240m south west of Area B)	Hawksworth Graphic & Print is unlikely to have significantly impacted the site base on the activities undertaken. The off site entries are all considered unlikely to impact the site.
Registered Fuel Stations	5: 3 between 251m and 500m; and 2 between 501m and 1km.	Fryers of Uttoxeter service station located approximately 340m south east of Area B; this entry is obsolete. The nearest active fuel station is located approximately 390m north west of Area A.	Both are considered unlikely to impact the site.

*All directions and distances pertain to the site boundary and are approximate.

Landfilling and Waste Management

4.2 Details of landfill sites and waste management facilities are summarised in **Table 3** below.

Table 3 – Landfill and Waste Management Sites

Feature	No. within 1km of site boundary	Closest to site*	Comments
BGS Recorded Landfill Sites	1: on site	Uttoxeter UDC Tip indicated to be within Area A of the site.	
Historical Landfill Sites	2: both on site	East Staffordshire District Council landfill site encompassing the majority of Area A and land to the south west of Area A. Deposited wastes included inert, industrial, commercial and household including liquid sludge. The first input date is indicated at 31 st December 1960. The second landfill is indicated to occupy the majority of the northern section of Area B and an area to the immediate north of Area B. No other details are supplied.	Wastes at both landfills may have included a wide range of contaminants. The break down of organic material may also give rise to significant gas emissions.
Licensed Waste Management facilities	5: 3 on site and 2 between 251m and 500m of the site.	All onsite entries relate to the household waste recycling centre in the northern section of Area B.	A wide range of contaminative items are likely to have been accepted which may have impact on the site.
Local Authority Recorded Landfill Sites	4: All on site	All relate to landfill sites listed on site and discussed above.	Wastes at both landfills may have included a wide range of contaminants. The break down of organic material may also give rise to significant gas emissions.
Registered Waste Transfer Sites	2: both on site	Both entries relate to the waste recycling centre in the northern section of Area B.	A wide range of contaminative items are likely to have been accepted which may have impact on the site.
Registered Waste Treatment or Disposal Sites	3: All between 251m and 500m of the site.	A scrap yard located approximately 460m north west of Area A.	Unlikely to impact the site.

Summary

4.3 Many of the consents and permits discussed in Table 2 and Table 3 are indicated to relate to processes and activities which have occurred on site and are therefore

considered to have the potential to have had a detrimental impact on the site, when they are considered in the context of the conceptual ground model.

- 4.4 The majority of Area A and northern section of Area B are indicated to have been landfilled in the past. Permitted wastes at the landfill in Area A are known to have included inert, industrial, commercial and household including liquid sludge. There is therefore a high possibility for elevated gas concentrations in both Area A and Area B of the site. The material landfilled may also have a significant possibility of giving rise to elevated contaminant concentrations in the soil leachate.
- 4.5 There are also a number of entries relating to the recycling facility in Area B of the site. The site visit by BWB identified that the facility was currently kept in a tidy state with no obvious signs of contamination impact. However the facility is indicated to have been present since around 1993. House keeping may not therefore have been so vigilant in the past.

5.0 PUBLISHED GEOLOGICAL SETTING

Geology

- 5.1 This assessment has been completed with reference to the BGS 1:50,000 scale Solid and Drift Map for Burton-On-Trent (Sheet 140), the BGS Lexicon database as well as information provided within the Envirocheck[®] Report.
- 5.2 The site (both Area A and Area B) is indicated to be underlain by solid geology comprising Mercia Mudstone Group. Drift deposits are indicated to directly underlie the entire site area. Area A is indicated to be underlain by Alluvium (clay, silt, sand and gravel) drift deposits with Glaciofluvial Deposits (sand and gravel) along the western fringe of the site. Area B is indicated to be wholly underlain by Glaciofluvial Deposits.
- 5.3 Given the landfill sites indicated at the site it is likely that a significant thickness of made ground can also be expected.

Hydrogeology

- 5.4 Both the Alluvium and Glaciofluvial Deposits indicated at the site are classified by the Environment Agency (EA) as Secondary A Aquifers. These are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.
- 5.5 The Mercia Mudstone Group solid geology at the site is classified by the EA as a Secondary B Aquifer. These are predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering.
- 5.6 The principal migration pathway and receptor is therefore considered to be groundwater in the drift deposits.
- 5.7 There is one groundwater discharge consent listed within 1km of the site. This relates to a sewage water discharge consent approximately 580m south of the site.
- 5.8 There are no groundwater abstractions listed within 1km of the site and no potable groundwater abstractions listed within 2km of the site.
- 5.9 There are no pollution incidents to groundwater listed within 1km of the site.

Hydrology

- 5.10 The Wharf Brook is present at the site which flows through Area B in a west to east direction. The flow during the BWB site visit was observed to be low. The stream through the site area was observed to flow through an artificial channel which is likely to provide some protection from the groundwater in this area. However, off site to the east the stream has been observed to flow along its natural path and groundwater beneath Area B is therefore likely to flow towards this stream.
- 5.11 The River Tean is situated approximately 150m north of Area A with The Wharf Brook which flows through Area B present approximately 200m south of Area A. The groundwater flow direction is therefore difficult to predict beneath Area A; particularly

with both these water courses flowing towards the River Dove, which at its nearest point is located approximately 1.1km east of the site.

- 5.12 The stretch of the River Tean which flows to the north of Area A is monitored by the EA. From information provided on the EA website, the river has been classified a chemistry rating as grade B for ammonia and grade B for dissolved oxygen. The biology rating is grade B. The long term monitoring of the river with data going back to 1990 indicates that the water quality has steadily improved with original gradings of C for ammonia, B for dissolved oxygen and D for biology.
- 5.13 There are 17 discharge consents to surface water listed within 1km of the site. The closest two of these are both indicated to be on site in Area B. The discharges are indicated to be from the sewage network and discharge into The Wharf Brook in the western section of Area B. Seven of the discharge consents are indicated to relate to Uttoxeter Sewage Treatment Works located immediately east of Area A.
- 5.14 There are no surface water abstractions listed within 1km of the site.
- 5.15 There are 24no pollution incidents listed to have occurred within 1km of the site. Five of these are indicated to have occurred on site and all are indicated to have been in Area B. All 5no of these pollution incidents are classified as category 3 – minor incident associated with sewage. Although not listed the receiving water is likely to have been The Wharf Brook which flows through the site. Six other pollution incidents which are also classified as category 3 – minor incidents and involved sewage are indicated to have occurred within close proximity (20m) of Area B. All of these incidents occurred between 1995 and 1999 indicated that there was potentially a localised problem with the sewage drainage system during this period.
- 5.16 The site is not indicated to be located within an area vulnerable to flooding.

Ground Gas

- 5.17 Both the northern area of Area B and the majority of Area A have been indicated to have previously been used for landfilling activities. Southern areas of Area B are also likely to have significant thicknesses of made ground most notably in areas previously occupied by the gas works. Alluvial deposits are also indicated to underlie the majority of Area A which could potentially have a high organic content. These are all potential sources for the production of ground gases.
- 5.18 The site is not in a radon affected area as less than 1% of homes are above the action level. Therefore no radon protective measures are required in the construction of new dwellings or extensions.

Mining and Mineral Extraction

- 5.19 There are 7no mineral sites listed within 1km of the site. The closest of these is indicated to be 410m south west of Area B and relates to a brick works. All mineral sites listed are indicated to have extracted clay and shale or sand and gravel.
- 5.20 The site is not indicated to be in an area which may be affected by coal mining.

6.0 GEOTECHNICAL EVALUATION

6.1 **Table 4** below provides a summary of the information relating to natural ground subsidence at the site.

Table 4 – Natural Ground Subsidence Hazard Ratings

Hazard	Hazard Rating
Shrink or Swell Clays	Very Low
Landslides	Very Low
Ground Dissolution of Soluble Rocks	No Hazard
Compressible Deposits	Moderate
Collapsible Deposits	No Hazard
Running Sands	Low

6.2 The majority of above hazards are not considered to be of significant concern at the site. However, although the landslide hazard rating is classified as very low, steep slopes are present within the boundaries of Area B most notably along The Wharf Brook and the north eastern boundary. Consideration should be given to the retention or reprofiling of these slopes in proposed designs, which may require slope stability assessment.

Foundation Solutions

6.3 Based on the historical uses of the site significant made ground may be present across the site which is unlikely to be suitable as a founding medium without improvement. Intrusive investigation will be required to establish the shallow soil conditions, to assess the preliminary foundation solutions for the proposed development and to confirm the nature of the landfill materials.

Earthworks

6.4 Based on the current site topography and the proposed development scheme earthworks are likely to be required, most notably around Area B where a number of steep slopes are present. Earthworks should be designed to maximise the retention of soils on site where chemically suitable. An earthworks assessment may also be required to characterise the soil material for its geotechnical performance.

7.0 PRELIMINARY ENVIRONMENTAL RISK ASSESSMENT

Introduction

- 7.1 The risk posed by any contaminants in soil or groundwater will depend on the nature of the hazard, the probability of exposure, the pathway by which exposure occurs, and the likely effects on the receptors. A contaminant is defined as a substance that has the potential to cause harm, while a risk is considered to exist if such a substance is present in sufficient concentration to cause harm and a pathway exists for a receptor to be exposed to the substance.
- 7.2 The following sections discuss all the identified potential on and off site sources, pathways and receptors in the context of the proposed development and plausible pollutant linkages which may represent a risk to identified receptors such as human health and/or controlled waters from the data gained from the desk study. At this stage the assessment is qualitative and aimed to determine all pollutant linkages, irrespective of significance or allowing for uncertainty.
- 7.3 Three impact potentials exist for any given site, these are:
- The site impacting upon itself;
 - The site impacting on its surroundings; and
 - The surroundings impacting on the site.
- 7.4 All three impacts need to be considered in a risk assessment.

Sources

- 7.5 Based on the desk study information and site reconnaissance visit there are a number of potential sources of contamination that have been identified, including:

Onsite

- Made ground and landfill material;
- Alluvium drift deposits;
- Former gas works;
- Former railway;
- Vehicle repair and servicing workshop;
- Public refuse and recycling facility;
- Graphics/printing services; and
- Potentially invasive plant species (rhizomes).

Offsite

- Sewage treatment works.

- 7.6 **Table 5** overleaf lists the contaminants associated with the potential sources of contamination identified as potentially impacting upon the site. The list is not exhaustive and not all contaminants below may be present at the site as this will depend on the exact processes being undertaken.

Table 5 – Potential Contaminative Uses

Site Use	Associated Potential Contaminants
Made Ground and Landfill Material	A wide range of contaminants comprising heavy metals (including arsenic, copper, lead and zinc), oil and fuel hydrocarbons, SVOCs, VOCs PAHs and asbestos. Hazardous ground gases including methane, carbon dioxide, hydrogen sulphide and carbon monoxide may also be generated.
Gas Works	Organic compounds, glycols, petroleum, naphthas, acids and alkalis, inorganic contaminants including complex cyanides, heavy metals and hazardous ground gases from waste products.
Railway	Heavy metals, PAHs, hydrocarbons, polychlorinated biphenyls (PCBs) and asbestos.
Vehicle repair and servicing facility including ASTs	Fuel hydrocarbons, BTEX, lube oils, heavy metals, VOCs, acids and alkalis, glycols and inorganics.
Recycling Facility	Fuel hydrocarbons, BTEX, lube oils, heavy metals, acids and alkalis and inorganics.
Sewage Treatment Works	Heavy metals, inorganic compounds, acids and alkalis, asbestos, organic compounds, PCBs, pathogens and hazardous gases.

Pathways

7.7 A pathway is defined as a mechanism or route by which a contaminant comes into contact with, or otherwise affects a receptor. Pathways by which the identified receptors may be impacted upon in the context of the proposed development are identified as follows:

- Ingestion;
- Skin contact;
- Inhalation;
- Direct contact by buried structures;
- Leaching of soluble contamination into groundwater;
- Saturated zone flow through Secondary A Aquifer; and
- Accumulation of potentially explosive gas within confined spaces.

Receptors

7.8 Receptors are defined as people, living organisms, ecological systems, controlled waters, atmosphere, structures and utilities that could be adversely affected by contaminant(s).

Human Health

- Site occupiers; and
- Ground workers.

Controlled Waters

- Secondary A Aquifer underlying the site;

- Secondary A Aquifer underlying the surrounding area;
- The River Tean; and
- The Wharf Brook.

Construction Materials

- Buried concrete; and
- Buried service pipes.

Ecological Receptors

- Flora; and
- Fauna.

Environmental Risk Assessment

- 7.9 The preliminary CSM is a hypothesis of the nature and sources of contamination, potential receptors that may be the recipient of contamination arising from those sources and any pathways that may exist, thus creating a plausible source-pathway-receptor pollutant linkage (hazard), set within the context of the ground and groundwater model and proposed end use of the site.
- 7.10 The classification system is presented in **Appendix 5**. The preliminary CSM is presented in **Table 6** and in **Figure 4**.
- 7.11 No significance or uncertainty is attributed to any pollutant linkage identified at this stage.
- 7.12 Based on the preliminary CSM for the site, an environmental risk assessment has been undertaken. A simple matrix can provide a consistent basis for decision-making. It should of course be used with caution, recognising the over-simplification that it will normally represent. The probability and consequences are defined according to parameters relevant to the situation; the boundaries of risk acceptability (and tolerability, where relevant) indicated on the matrix provided in **Appendix 4** can be tailored to the factors influencing the significance of the risk. Individual situations are mapped onto the matrix to provide a ready and consistent indication of their acceptability or tolerability. These attributes are evaluated qualitatively against individual hazard assessments to determine the likelihood of a given hazard occurring. The risk evaluations for each plausible pollutant linkage are given in the last three columns of **Table 4**.
- 7.13 Based on the previous activities that have taken place on site and the surrounding area the pollution linkage assessment combined with the historical knowledge of the site and its geological setting has indicated that the site represents a MODERATE risk to controlled waters set in the context of the proposed development.
- 7.14 The principle risks of impact to controlled waters are due to leaching of shallow soil contamination arising from current and historical site uses and landfill/ made ground material which is indicated at the site.
- 7.15 Based on the proposed end use of the site, the pollution linkage assessment combined with the historical knowledge of the site has indicated that the site represents a HIGH to human health set in the context of the proposed development.

- 7.16 This is principally due to the likelihood of hazardous ground gases at the site being generated from decomposition of organic materials within the landfill material and from any potential waste products from the former gas works (such as foul lime). Mitigation from ground gases are likely to comprise the incorporation of gas protection measures into buildings which would comprise a damp proof membrane with joints fully sealed and passive venting.

Table 6 - Summary of Significant Pollution Linkages

Source	Pathway	Receptor	Consequence	Probability	Risk	Mitigation/Investigation
On Site: Landfill material, Alluvium drift deposits and made ground	Direct contact, ingestion and inhalation of soil particulates	Site users Ground workers	Medium	Likely	Moderate	Investigation should aim to target shallow soils to identify the presence and magnitude of any contamination arising from made ground/ landfill materials. Mitigation could comprise removal, or the importation of clean topsoil.
	Accumulation of ground gases in confined spaces leading to asphyxiation or explosion.	Site end users	Severe	Likely	High	The gassing regime of the site should be characterised through monitoring at borehole positions installed into the landfill material. Mitigation, if required, would comprise the incorporation of gas protection measures into the building fabrication.
	Leaching to the groundwater followed by groundwater migration	The Wharf Brook	Medium	Likely	Moderate	The groundwater quality arriving onsite, within the site area and migrating off site should be determined through analysis of groundwater samples collected from boreholes installed at the site. The Wharf Brook should also be sampled up steam, downstream and at a mid point of the site to identify whether the water quality is impacted by the site. A wide range of remediation methods may be suitable if required.
The River Tean						
Secondary A Aquifer underlying the site						
Secondary A Aquifer underlying the surrounding area						

Source	Pathway	Receptor	Consequence	Probability	Risk	Mitigation/Investigation
	Direct contact	Buried concrete structures	Mild	Likely	Moderate/Low	The sulphate classification should be determined through investigation to identify any risks to buried concrete structures from chemical attack. Mitigation may comprise the use of chemical resistant concrete.
On Site: Former gas works	Direct contact, ingestion and inhalation of soil particulates	Site users Ground workers	Medium	Likely	Moderate	Investigation should aim to target shallow soils to identify the presence and magnitude of any contamination arising from the former gas works. Mitigation could comprise removal, or the importation of clean topsoil.
	Accumulation of ground gases in confined spaces leading to asphyxiation or explosion.	Site end users	Severe	Low likelihood	Moderate	The gassing regime of the site should be characterised through monitoring at borehole positions installed into the landfill material. Mitigation, if required, would comprise the incorporation of gas protection measures into the building fabrication.
	Leaching to the groundwater followed by groundwater migration	The Wharf Brook	Medium	Likely	Moderate	The groundwater quality arriving onsite, within the site area and migrating off site should be determined through analysis of groundwater samples collected from boreholes installed at the site. The Wharf Brook should also be sampled up stream, downstream and at a mid point of the site to identify whether the water quality is impacted by the site. A wide range of remediation methods may be suitable if required.
		Secondary A Aquifer underlying the site				
		Secondary A Aquifer underlying the surrounding area				
		Buried concrete structures	Mild	Likely	Moderate/Low	The sulphate classification should be determined through investigation to identify any risks to buried concrete structures from chemical attack.

Source	Pathway	Receptor	Consequence	Probability	Risk	Mitigation/Investigation
	Direct contact					Mitigation may comprise the use of chemical resistant concrete.
On Site: Vehicle repair and servicing workshop including ASTs Public refuse and recycling facility Former railway Graphics/printing workshop	Direct contact, ingestion and inhalation of soil particulates	Site users Ground workers	Medium	Likely	Moderate	Investigation should aim to target shallow soils to identify the presence and magnitude of any contamination arising from the current and historical site uses. Mitigation could comprise removal, or the importation of clean topsoil.
	Leaching to the groundwater followed by groundwater migration	The Wharf Brook	Medium	Likely	Moderate	The groundwater quality arriving onsite, within the site area and migrating off site should be determined through analysis of groundwater samples collected from boreholes installed at the site. The Wharf Brook should also be sampled up steam, downstream and at a mid point of the site to identify whether the water quality is impacted by the site. A wide range of remediation methods may be suitable if required.
		Secondary A Aquifer underlying the site				
		Secondary A Aquifer underlying the surrounding area				
	Inhalation of vapours (indoors)	Site end users	Medium	Low	Moderate/Low	The investigation should target soils in any areas where the greatest potential of contamination incidents may have occurred such as around the ASTs at the site. If required, mitigation could comprise the incorporation of a vapour proof membrane into building fabrications.
Inhalation of vapours (outdoors)	Site end users	Mild	Low	Low	None required.	

Source	Pathway	Receptor	Consequence	Probability	Risk	Mitigation/Investigation
	Direct contact	Utility service pipes	Mild	Likely	Moderate/Low	The results of chemical analysis should be presented to the water utility providers to determine suitable materials for utility pipe construction.
On site:	Direct contact	Building fabrication/walls etc	Mild	High	Moderate	An ecological survey should be undertaken to identify the presence and extent of Japanese Knotweed at the site. Remediation could comprise a course of chemical treatment or excavation and removal to landfill with encasing in concrete.
Offsite: Sewage treatment works	Leaching to the groundwater followed by groundwater migration	Secondary A Aquifer underlying the site	Medium	Low	Moderate/Low	The groundwater quality arriving onsite, within the site area and migrating off site should be determined through analysis of groundwater samples collected from boreholes installed at the site. This could identify whether the groundwater at the site is being impacted from off site sources of contamination.

8.0 ENVIRONMENTAL LIABILITY ASSESSMENT

Statutory Liability

- 8.1 The contaminated land regime has implications for those who cause or knowingly permit land to be contaminated, or who own or occupy land that is contaminated.
- 8.2 Contaminated land is defined in Section 78A(2) of Part IIA of the Environmental Protection Act 1990 as: "Any land which appears to the local authority in whose area it is situated to be in such a condition, by reason of substances in, on or under land, that:
- Significant harm is being caused or there is a significant possibility of such harm being caused; or
 - Pollution of controlled waters is being or is likely to be, caused."
- 8.3 Harm is defined in Section 78(4) of the Environmental Protection Act 1990 as: "Harm to the health of living organisms or other interference with ecological systems of which they form part and, in the case of man, includes harm to property."
- 8.4 Once an area of land has been identified as contaminated land, appropriate persons will be identified as being responsible for the cost of cleaning up the land by the enforcing authority. The appropriate person will be liable for all or part of the remediation of the land. Two classes of appropriate person have been identified:
- Class A appropriate persons are those who cause or knowingly permit the pollutants to be in, on or under the land.
 - Class B appropriate persons are the owners(s) or occupier(s) of the land.
- 8.5 Where no Class A appropriate persons can be identified, then Class B appropriate persons may become liable.
- 8.6 Based on the information available regarding the site, the potential for Statutory Authority action based on "pollution of controlled water" or "significant harm" as defined by Part IIA of the Environmental Protection Act 1990 is considered to be MODERATE.

Third Party Liability

- 8.7 Based on the information contained in this report, it is the opinion of BWB that the potential for legal action by surrounding landowners based on the potential for contamination to migrate offsite is considered to be MODERATE. There are a number of potential sources of contamination that have been identified at the site which have the potential to have impacted on the Secondary A Aquifer underlying the site. There is the potential that any impacted groundwater could migrate off site onto neighbouring properties.

Public Relations

- 8.8 There is considered to be a MODERATE risk of public relations being tarnished as a result of this development as local residents may consider areas of the site to be green field land. Local residents may also consider that the proposed development may put additional strain on local amenities and infrastructure.

Development Implications

- 8.9 It is possible that gas protection measures may need to be incorporated into the design of any future development at the site to mitigate against potential hazardous ground gases.
- 8.10 The importation of a clean capping material is also likely to be required for use in landscaped/ garden areas to mitigate against human contact with contaminated soil particulates arising from current and historical industrial site uses.
- 8.11 It is possible that significant depths of made ground exist across much of the site associated with filling and landfill activities. It is therefore unlikely that traditional foundation solutions will be suitable for any proposed development without ground improvement. Development should also consider the potential effects of design loads on the slope stability and make allowance for any earthworks engineering or retaining structures to be employed if required.

Waste Management

- 8.12 All hazardous and non-hazardous wastes generated from the site that are destined for landfill must undergo pre-treatment to reduce the volume or hazardous nature of the waste or facilitate its handling or enhance recovery. Treatment may comprise any physical, thermal, chemical or biological processes, including sorting, that changes the characteristics of the waste. There are exemptions to the regulations where treatment is not technically feasible or where feasible treatment techniques would not reduce the hazardous nature or volume of material going to landfill.
- 8.13 A site waste management plan (SWMP) must be produced by the main contractor prior to the commencement of the project. The SWMP should describe the volumes and types of waste that are likely to be produced during a project and should set out the actions for recycling, recovery, re-use and disposal for each waste stream.

9.0 CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Environmental

- 9.1 A number of contamination sources have been identified at the site associated with the current and historical uses. Historical land uses have included a landfill across much of Area A and the northern section of Area B, a gas works in the western section of Area B and a railway in Area B. Area A of the site remains undeveloped following landfilling, however, Area B is used for industrial purposes including a household waste recycling facility and a vehicle maintenance and servicing workshop. Uttoxeter Sewage Treatment Works located immediately east of Area A has been identified as a potential off site source of contamination.
- 9.2 The assessment has identified potential controlled water receptors include the Secondary A Aquifer present beneath the site and surrounding area within the Alluvium and Glaciofluvial drift deposits, The Wharf Brook which flows west to east through area B and is located approximately 200m south of Area A and the River Tean which is located approximately 150m north of Area A. Human receptors associated with the proposed development are expected to comprise ground workers and site end users in commercial/industrial areas with site occupiers in the proposed residential properties in Area B.
- 9.3 The principal risks are considered to be from human receptors at residential properties inhaling/ingesting soil bound contamination in the shallow soils associated with the contamination sources identified, human receptors inhaling hazardous ground gases leading to asphyxiation, hazardous ground gases accumulating in confined spaces in buildings leading to explosion and impact to controlled water from leaching of shallow soil contamination and subsequent groundwater migration for their geotechnical performance.

Geotechnical

- 9.4 Based on the historical uses of the site significant made ground may be present across the site which is unlikely to be suitable as a founding medium without improvement.
- 9.5 Based on the current site topography and the proposed development scheme earthworks are likely to be required most notably around Area B where a number of steep slopes are present. Earthworks should be designed to maximise the retention of soils on site where chemically suitable. An earthworks assessment may also be required to characterise the soil material.
- 9.6 The presence of invasive plant species would be a consideration in any earthworks proposals and controlled throughout the works.

Recommendations

Environmental

- 9.7 An intrusive investigation is required to enable the shallow ground conditions and contamination status to be assessed. The investigation should include ground gas

monitoring in order to characterise the gassing regime at the site and determine the necessity for gas protection measures.

- 9.8 An ecological assessment is recommended in particular with regard to the potential for invasive plant species being present on site and a management plan instigated to control their spread.


Geotechnical

- 9.9 Intrusive investigation should seek to establish the shallow ground conditions and thicknesses and composition of made ground horizons. Geotechnical information should be obtained through geotechnical laboratory analysis and in situ testing in order to provide preliminary foundation design solutions.
- 9.10 Steep slopes are present within the boundaries of Area B most notably along The Wharf Brook and the north eastern boundary. Consideration should be given to the retention or reprofiling of these slopes in proposed designs, which may require a slope stability assessment.

FIGURES

FIGURE 2
SITE LAYOUT PLAN

- NOTES**
1. DO NOT SCALE THIS DRAWING. ALL DIMENSIONS MUST BE CHECKED/ VERIFIED ON SITE. IF IN DOUBT ASK.
 2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS.
 3. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. ALL LEVELS IN METRES UNLESS NOTED OTHERWISE.
 4. ANY DISCREPANCIES NOTED ON SITE ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.


 LINETYPE DENOTES
 LOCATION OF SITE
 BOUNDARY

Rev	Date	Description	Drawn	Auth'd

BWB
CONSULTING

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and Environmental Consultants**
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 environmental | water | transportation | civil | structural | highways | infrastructure

Client
 East Staffordshire Borough Council

Project Title
 The Dove Way
 Uttoxeter

Drawing Title Site Layout Plan	
Scale 1:2,500	Date 30.06.2010
Drawn RTR	Authorized DRW
Drawing Status FINAL	

Drawing No: NTE285/01/02	Revision -
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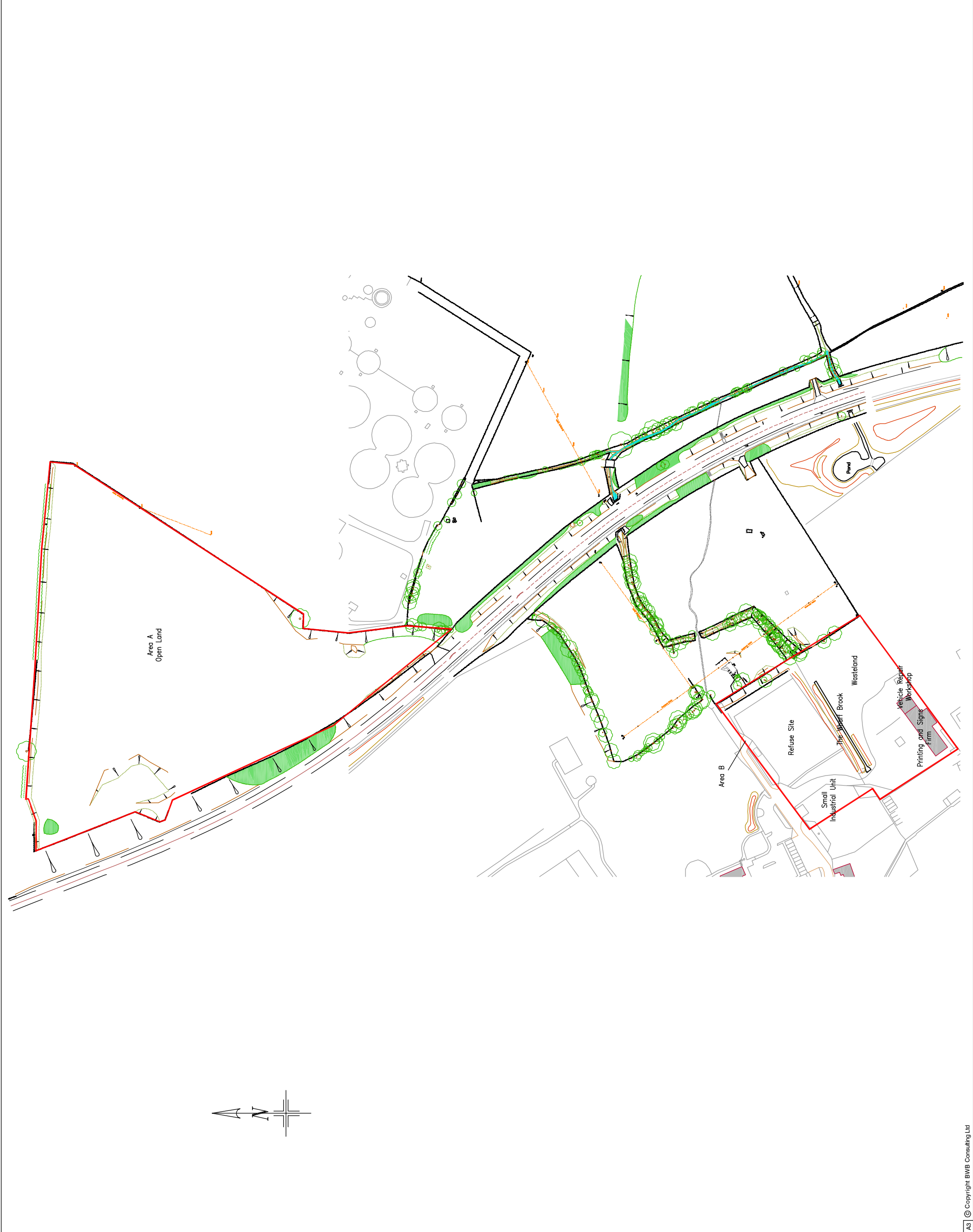


FIGURE 3
PROPOSED SITE DEVELOPMENT MASTERPLAN

Blue Land - ESBC

Yellow land - Clowes

Development Area	Symbol
Residential	[Red hatched box]
Formal residential	[Green hatched box]
Employment B1	[Orange hatched box]
Employment B2 B8	[Light blue hatched box]
Gateway offices buildings	[Dark blue hatched box]
Waste transfer station	[Purple hatched box]
New community park	[Light green hatched box]
Emergency access only	[Dark green hatched box]
Sustainable drainage system	[Blue hatched box]
Proposed indicative planting	[Light green hatched box]
Existing planting	[Dark green hatched box]
Footpath / cycleway routes	[Orange hatched box]
Vehicular access	[Light green hatched box]
Primary vehicle route	[Orange hatched box]
Secondary vehicle route	[Light green hatched box]
Square	[Light green hatched box]
Extent of indicative flood plain	[Light blue hatched box]
Sewage treatment plant	[Light green hatched box]
Pannycroft Well retained in landscaping	[Light green hatched box]
Employment expansion subject to further flood study	[Light green hatched box]

Schedule	Area (ha)	Total units
Residential	3.89	73
Employment East	9.15	28453
Employment West	4.30	7082



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The Dove Way, Uttoxeter, Staffordshire - Illustrative Layout

Revisions
A General amendments

27 February 2009

T 01509 670806 | F 01509 672247 | www.ppg-llp.co.uk | Team PS | 09 February 2009 | Scale 1:1250 @ A0 | dwg. EMS.1685-01-02-A | client: Conder Developments



FIGURE 4
PRELIMINARY CONCEPTUAL SITE MODEL

Sources

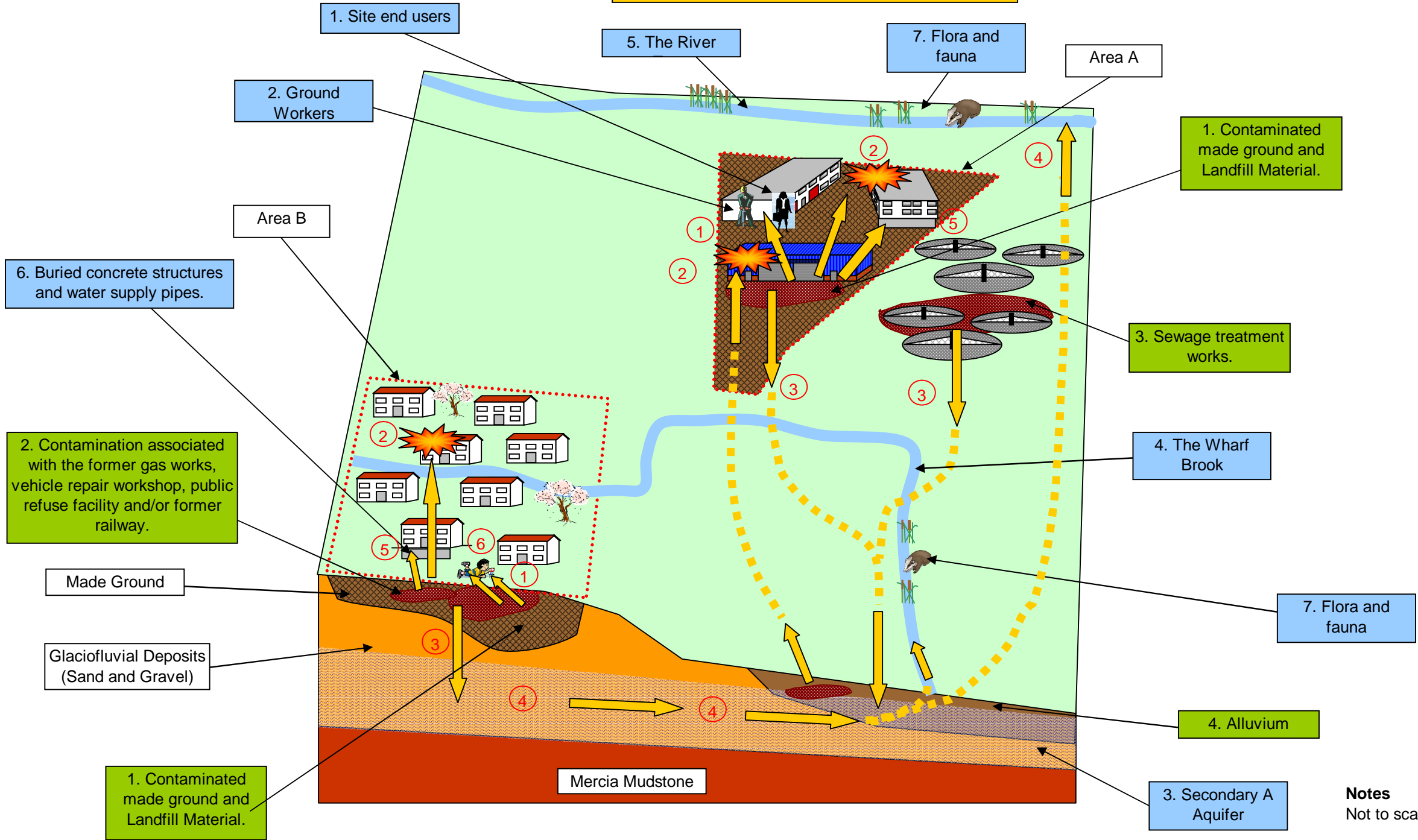
1. Landfill material and made ground (Area A and B).
2. Contamination associated with the former gas works, vehicle repair workshop, public refuse facility and/or former railway (Area B).
3. Sewage treatment works.
4. Alluvium

Pathways

1. Skin contact, ingestion and inhalation of soil particulates.
2. Accumulation of ground gases in confined spaces leading to asphyxiation or explosion.
3. Leaching.
4. Groundwater migration.
5. Direct contact with buried structure/ pipes.
6. Inhalation of volatile vapours.

Receptors

1. Site end users.
2. Ground workers.
3. Underlying Secondary A aquifer.
4. The Wharf Brook.
5. The River Tean
6. Buried Concrete Structures and water supply pipes.
7. Flora and fauna associated with water courses.



Notes
Not to scale

Client
East Staffordshire Borough Council

Site
The Dove Way, Uttoxeter



Figure 4: Preliminary Conceptual Site Model

Scale
Not to Scale

Project Number
NTE285

Date
01-Jul-10

Drawn: RTR

Checked: DRW

APPENDICES

APPENDIX 1
LEGAL FRAMEWORK

Legislative Background

Environmental liabilities and risks have been evaluated in terms of a source - pathway - target relationship in accordance with the approach set out in the 1995 Environment Act, The Contaminated Land (England) Regulations 2000 and the DETR circular 02/2000 Environmental Protection Act 1990: Part IIA Contaminated Land. Contaminated land is defined within the legislative framework as land which is in such condition by reason of substances in, on or under the land that:

- a) significant harm is being caused or there is a significant possibility of such harm being caused;
- b) significant pollution of controlled waters is being or is likely to be caused.

The potential for harm is based on the presence of three factors:

- Source: Substances that are potential contaminants or pollutants that may cause harm;
- Pathway: A potential route by which contaminants can move from the source to the receptor; and
- Receptor or target: A receptor that may be harmed, for example the water environment, humans, water, flora and fauna.

Where a source, pathway and target are all present a pollutant linkage exists and there is potential for harm to be caused. Therefore, the presence of measurable concentrations of contaminants within the ground and subsurface environment does not automatically imply that a contamination problem exists, since contamination must be defined in terms of pollutant linkages and unacceptable risk of harm.

The nature and importance of both pathways and receptors, which are relevant to a particular site, will vary according to the intended use of the site, its characteristics and its surroundings.

The key principle which underpins this approach is the 'suitable for use' criterion. This requires remedial action only where contamination is considered to pose unacceptable actual or potential risks to health or the environment and appropriate and cost effective remediation techniques exist, taking into account the actual or intended use of the site.

Guidance

BWB Consulting Ltd is a registered Engineering Practice and is regulated by the Institution of Civil Engineers.

This report has been prepared in accordance with:

- CLR11 – Model Procedures
- Contamination and Environmental Matters - Their implications for Property Professionals (2nd Edition RICS Nov 2003)
- Brownfields – Managing the development of previously developed land – A client's guide, CIRIA 2002
- DEFRA and Environment Agency publications CLR7 – 10, supported by the TOX guides and SGV guides, dated March 2002
- DETR Circular 02/2000, Contaminated Land: Implementation of Part IIA of the Environmental Protection Act 1990

- Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part IIA of the EPA1990, May 2002

And any other protocols advised by DEFRA and the EA and guidance's prepared by BSI, CERTA, BURA, and other industry advisory bodies including BS5930 and BS10175.

Judicial Precedents and Legislation

The following non-exhaustive list of legislative framework documents has been considered in the compilation of this document.

- The Environment Act (1995)
- The Environment Protection Act (1990)
- The Water Resources Act (1991)
- The Radioactive Substances Act (1993)
- The Pollution Prevention and Control (England and Wales) Regulations (2000)
- The Contaminated Land (England) Act (2000)
- The Environment Act 1995 (Commencement No.16 and Saving Provision) (England) Order (2000)
- The Contaminated Land (England) (Amendment) Regulations (2001)
- The Landfill Regulations (England and Wales) Regulations (2002)
- The Landfill (England and Wales) (Amendment) Regulations (2004)
- Rylands v Fletcher - Private Nuisance, Escape
- Health and Safety at Work Act
- The Building Regulations 1991, Part C of Schedule 1
- The controlled Waste Regulations 1992
- Special Waste Regulations 1996.

Neither the list of guidance documents nor the list of judicial precedents and legislation should be considered exclusive or comprehensive. There are approximately 85 individual items of legislation regulating contaminated land work. BWB makes every effort to ensure that all are adhered to in the preparation and presentation of this report.

Technical Competence

BWB is a leading specialist multi-disciplinary engineering practice working in the contaminated land market. Most of the workload undertaken by BWB is within the commercial property development market dealing with brownfield re-development and associated environmental and geotechnical issues.

Established in 1990, BWB is at the forefront of environmental asset management providing expertise in environmental risk assessments, environmental site investigations, geotechnical site investigations and remediation strategies.

BWB's staff come from a wide variety of backgrounds within the geotechnical and environmental sectors and are all degree qualified. Specialists include geotechnical engineers, geologists, environmental engineers, IEMA auditors, chartered environmental surveyors, chartered engineers; up to SiLC (Specialist in Land Condition) accreditation.

BWB's technical protocols are described in our reports and are strictly adhered to by quality control checks in the field and in the laboratory. BWB only uses UKAS and MCERTS accredited laboratories for all methods used to derive determinant concentrations.

BWB operates a quality assurance process under iso9001:2000 which facilitates rigorous in-house administrative and technical protocols and is assessed externally every 6 months. BWB also initiates a robust health and safety program for each site and are an investor in people ensuring the regular training of staff in new guidance's and techniques.

APPENDIX 2
SITE PHOTOGRAPHS



Access Gate to Area A off The Dove Way



Mound towards the southern area of Area A with potential Japanese Knotweed clumps.



View South across Area A



View north across Area A



Tunnel under The Dove Way at the western edge of the site



Clump of potential Japanese Knotweed in the northern section of Area A



View east from The Dove Way to the sewage treatment works



Land to the west of Area A and The Dove Way



Unit in the north western section of Area B



Area B—Exit of the Refuse site.



Skips and bins in the central area of the refuse



Waste oil AST in the eastern area of the refuse site.



Potential Japanese Knotweed by the entrance to the refuse site



Entrance to the industrial estate in the south of Area B



Industrial Buildings in the south of Area B



ASTs adjacent to the vehicle repair works



AST, old oil filter bin and other items including evidence of potential contamination migrating into the drainage system.



Former fire and drum with ash and other debris around the area



The Wharf Brook at the discharge point and end of the culvert in the western section of the site



Looking down stream—The Wharf Brook



Potential Japanese Knotweed on the northern bank of The Wharf Brook



Waste land in the south eastern section of Area B



Depot to the west of Area B



Parkland to the north of Area B



School to the south of Area B



Overgrown fields to the east of Area B

APPENDIX 3
HISTORICAL ORDNANCE SURVEY PLANS

Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
Boundary Post or Stone **Police Call Box**
B.R. **Bridle Road** **P** **Pump**
E.P. **Electricity Pylon** **S.P.** **Signal Post**
F.B. **Foot Bridge** **Sl.** **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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
Beer House **Pillar, Pole or Post**
Boundary Post or Stone **Post Office**
Capstan, Crane **Public Convenience**
Chimney **Public House**
Drinking Fountain **Pump**
Electricity Pillar or Post **Signal Box or Bridge**
Fire Alarm Pillar **Signal Post or Light**
Foot Bridge **Spring**
Guide Post **Tank or Track**
Hydrant or Hydraulic **Telephone Call Box**
Level Crossing **Telephone Call Post**
Manhole **Trough**
Mile Post or Mooring Post **Water Point, Water Tap**
Mile Stone **Well**
Normal Tidal Limit **Wind Pump**

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

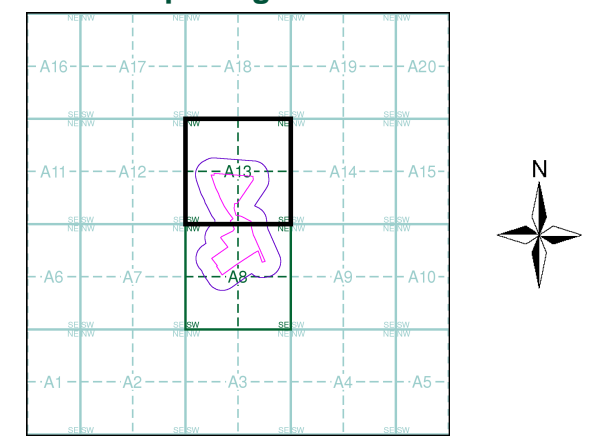
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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)
Barracks **Pillar, Pole or Post**
Battery **Post Office**
Cemetery **Public Convenience**
Chimney **Pump**
Cistern **Pumping Station**
Dismtd Rly **Place of Worship**
Electricity Generating Station **Sewage Ppg Sta** **Sewage Pumping Station**
Electricity Pole, Pillar **Signal Box or Bridge**
Electricity Sub Station **Signal Post or Light**
Filter Bed **Spring**
Fountain / Drinking Ftn. **Tank or Track**
Gas Valve Compound **Trough**
Gas Governor **Wind Pump**
Guide Post **Water Point, Water Tap**
Manhole **Works (building or area)**
Mile Post or Mile Stone **Well**



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1882	2
Staffordshire	1:2,500	1901	3
Derbyshire	1:2,500	1922	4
Derbyshire	1:2,500	1937	5
Ordnance Survey Plan	1:2,500	1964 - 1967	6
Supply of Unpublished Survey Information	1:2,500	1974	7
Additional SIMs	1:2,500	1978 - 1990	8
Ordnance Survey Plan	1:2,500	1981 - 1983	9
Ordnance Survey Plan	1:2,500	1983	10
Additional SIMs	1:2,500	1987 - 1988	11
Additional SIMs	1:2,500	1987	12
Large-Scale National Grid Data	1:2,500	1994	13
Large-Scale National Grid Data	1:2,500	1997	14
Large-Scale National Grid Data	1:2,500	1999	15

Historical Map - Segment A13



Order Details
 Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details
 2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

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

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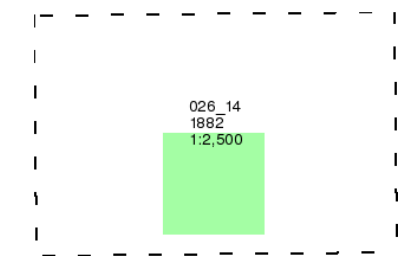
Staffordshire

Published 1882

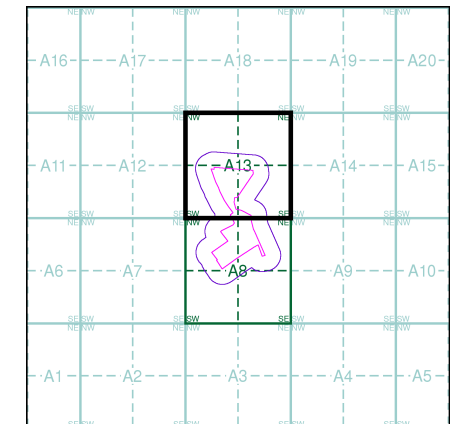
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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

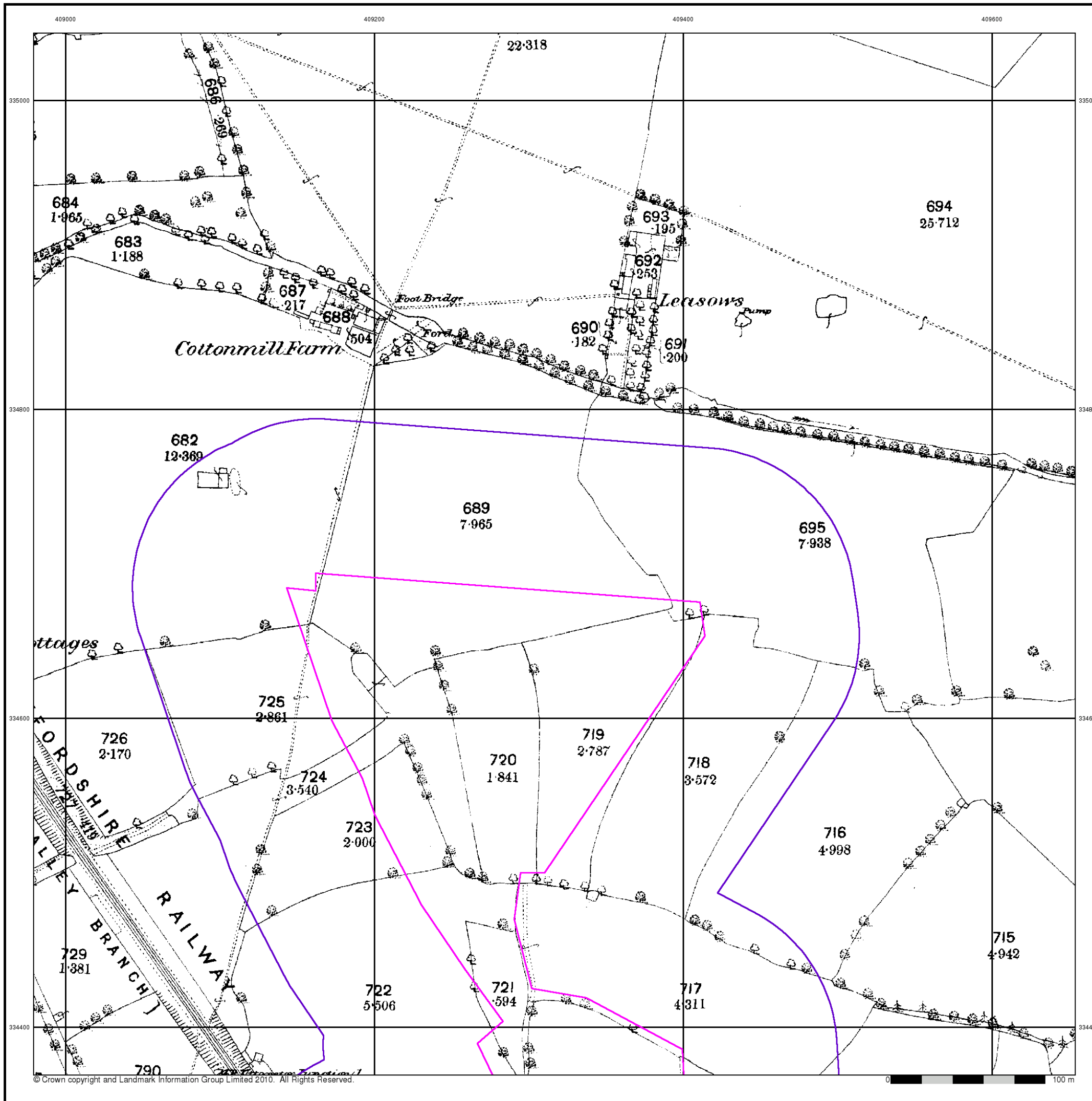
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Slice: A
Site Area (Ha): 9.91
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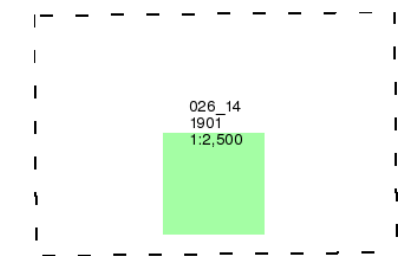
Staffordshire

Published 1901

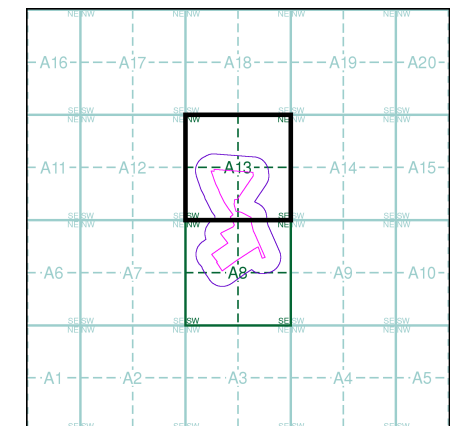
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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

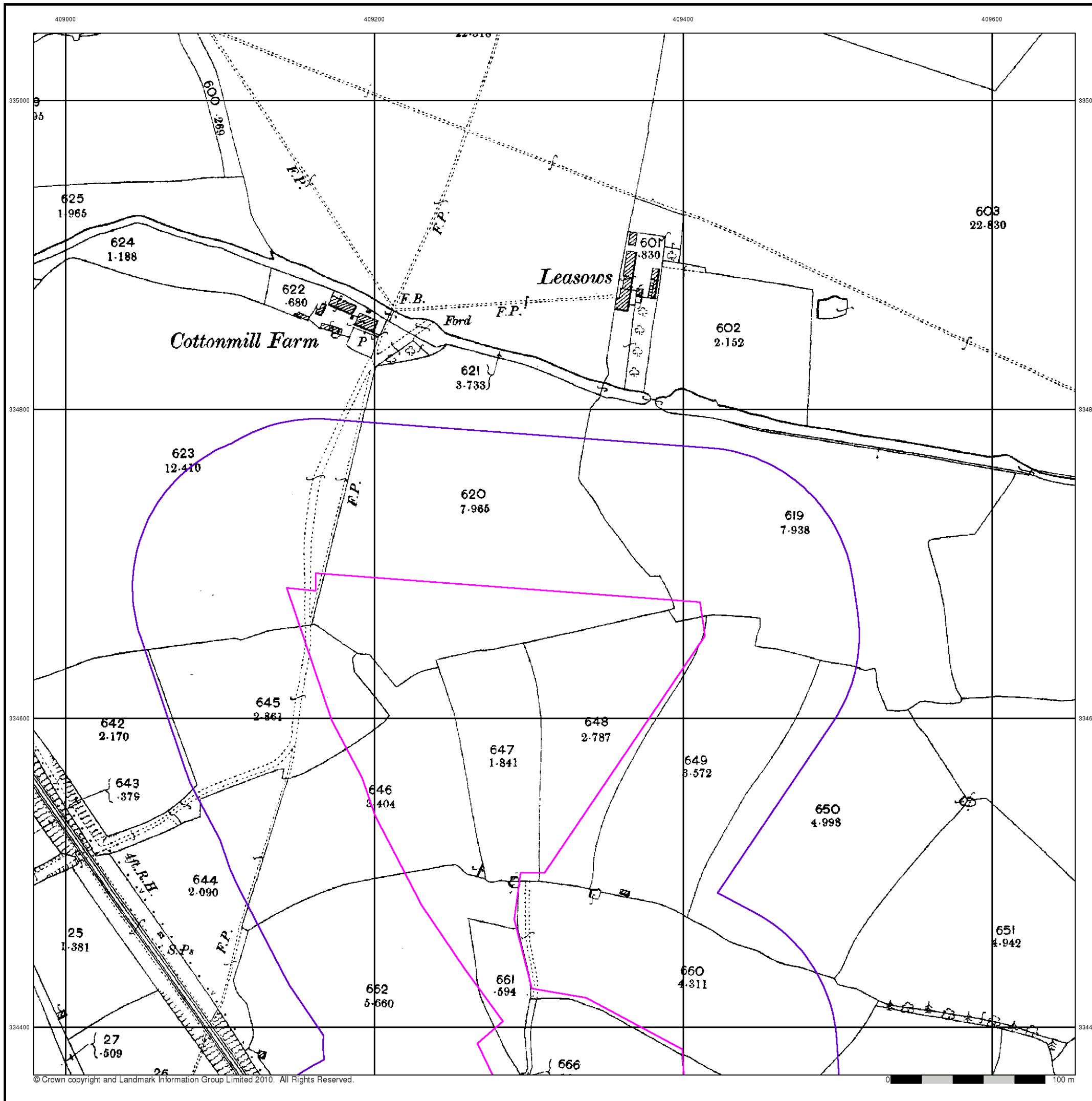
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Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
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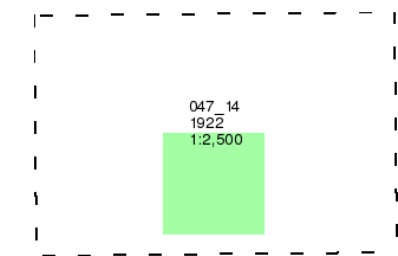
Derbyshire

Published 1922

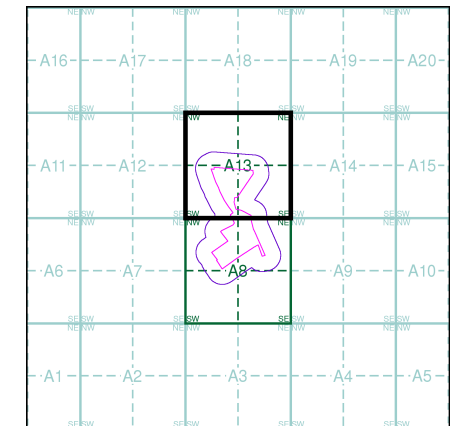
Source map scale - 1:2,500

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

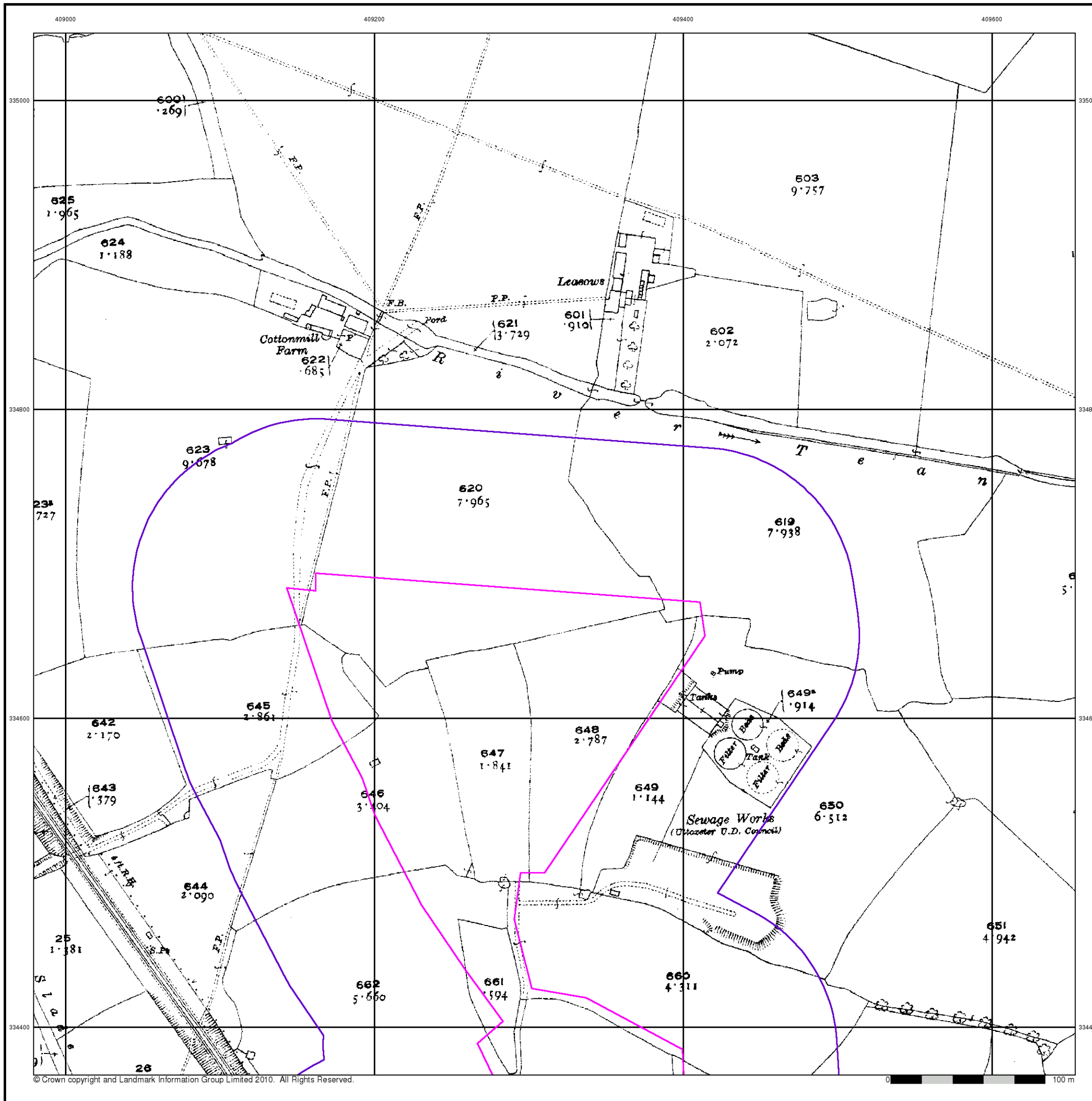
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Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
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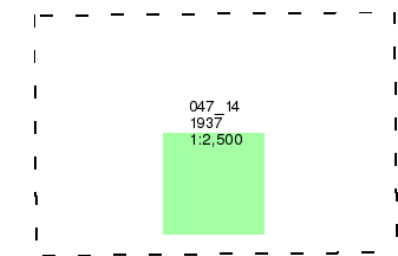
Derbyshire

Published 1937

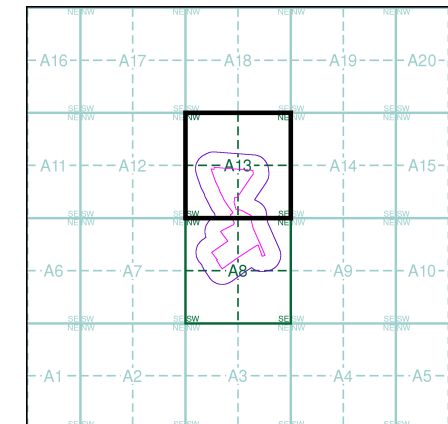
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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

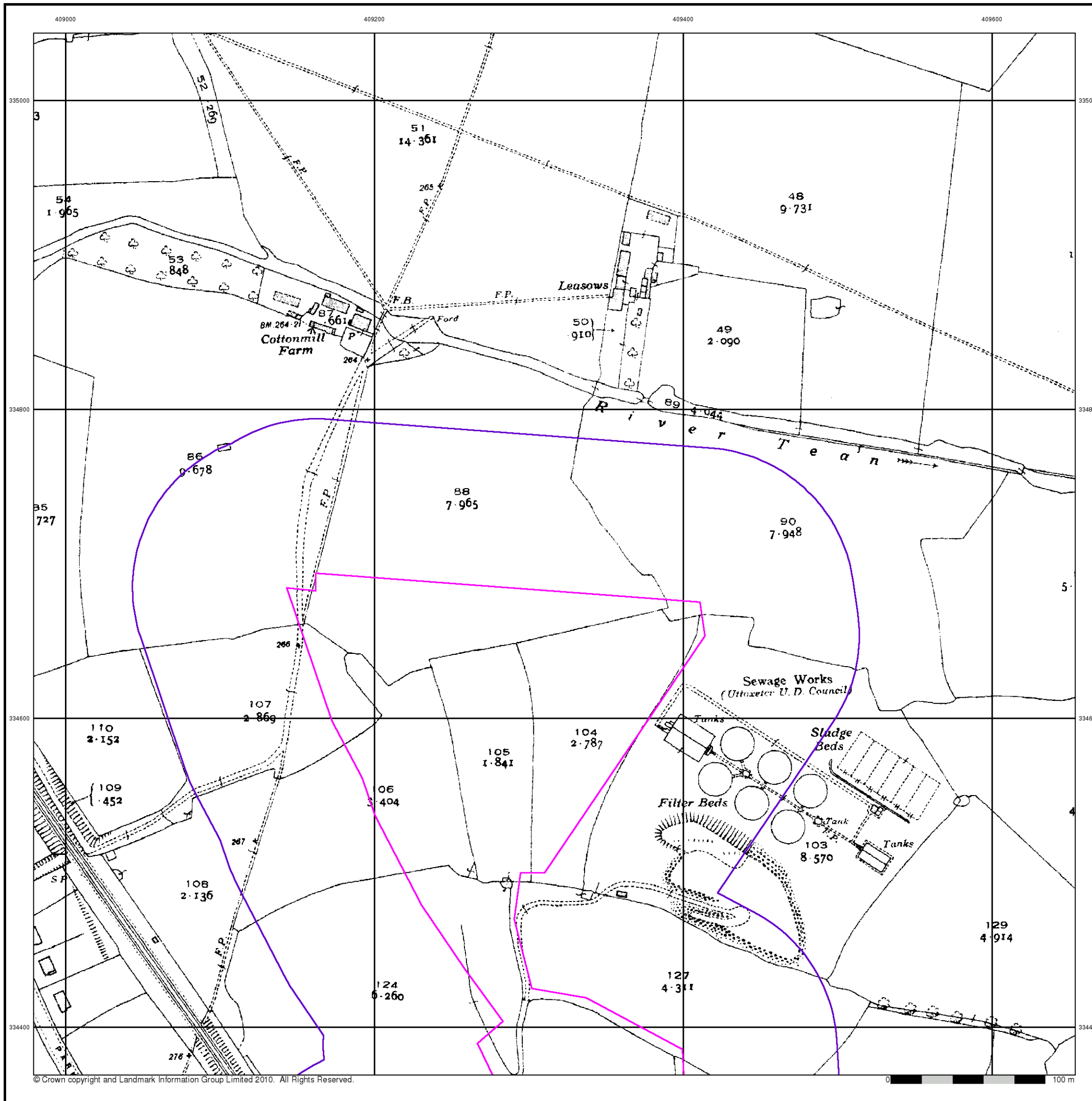
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Search Buffer (m): 100

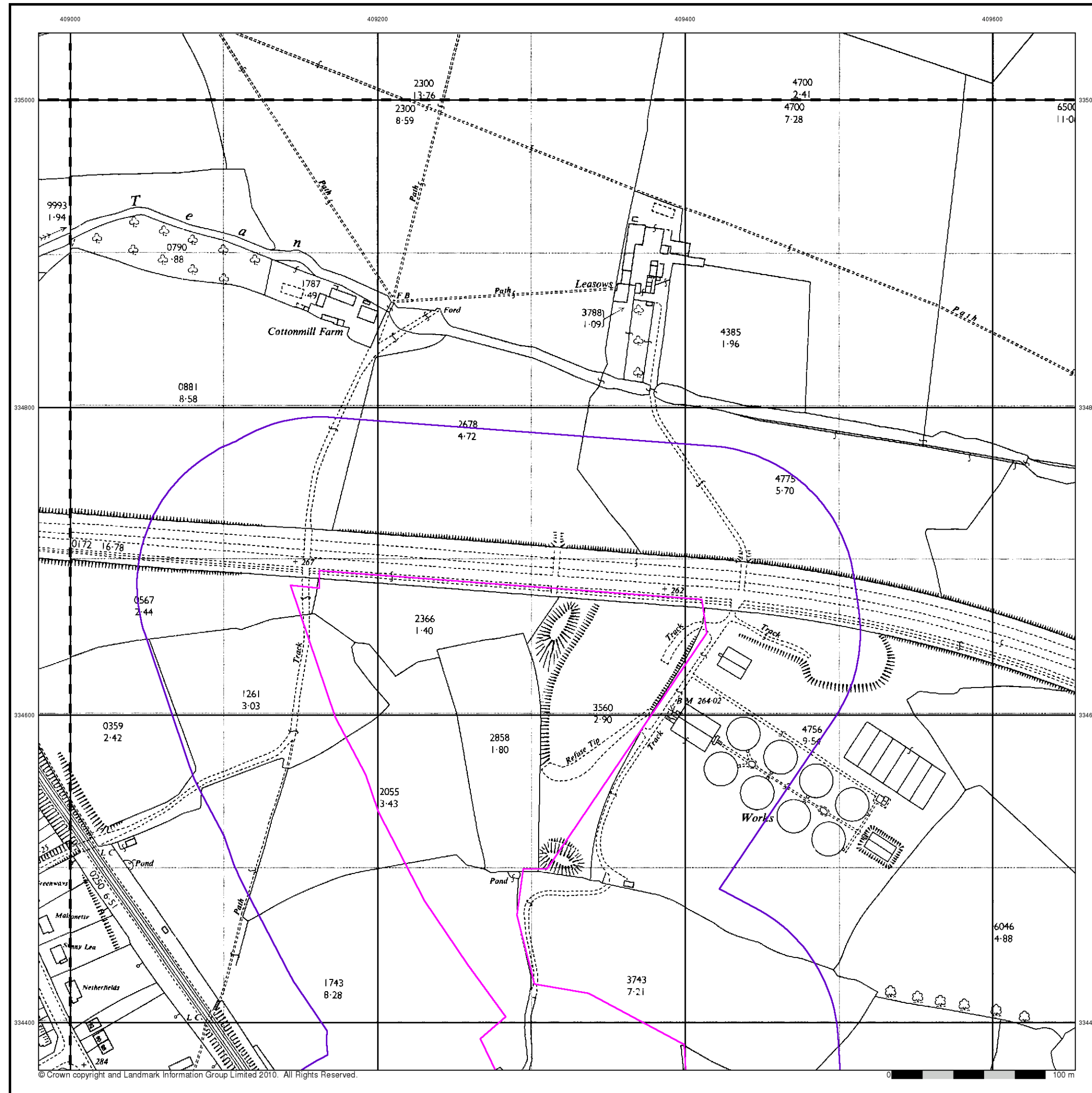
Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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





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CONSULTING
Ordnance Survey Plan

Published 1964 - 1967

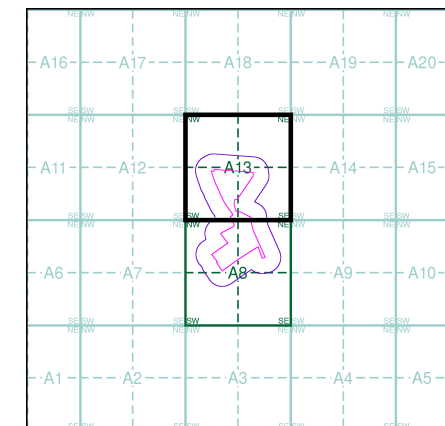
Source map scale - 1:2,500

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)

SK0835 1967 1:2,500	SK0935 1967 1:2,500
SK0834 1964 1:2,500	SK0934 1964 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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Supply of Unpublished Survey Information

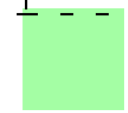
Published 1974

Source map scale - 1:2,500

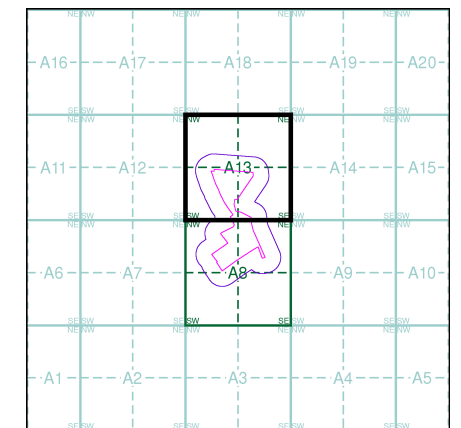
SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment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

Map Name(s) and Date(s)

SK0835 1974 1:2,500	SK0935 1974 1:2,500
---------------------------	---------------------------



Historical Map - Segment A13



Order Details

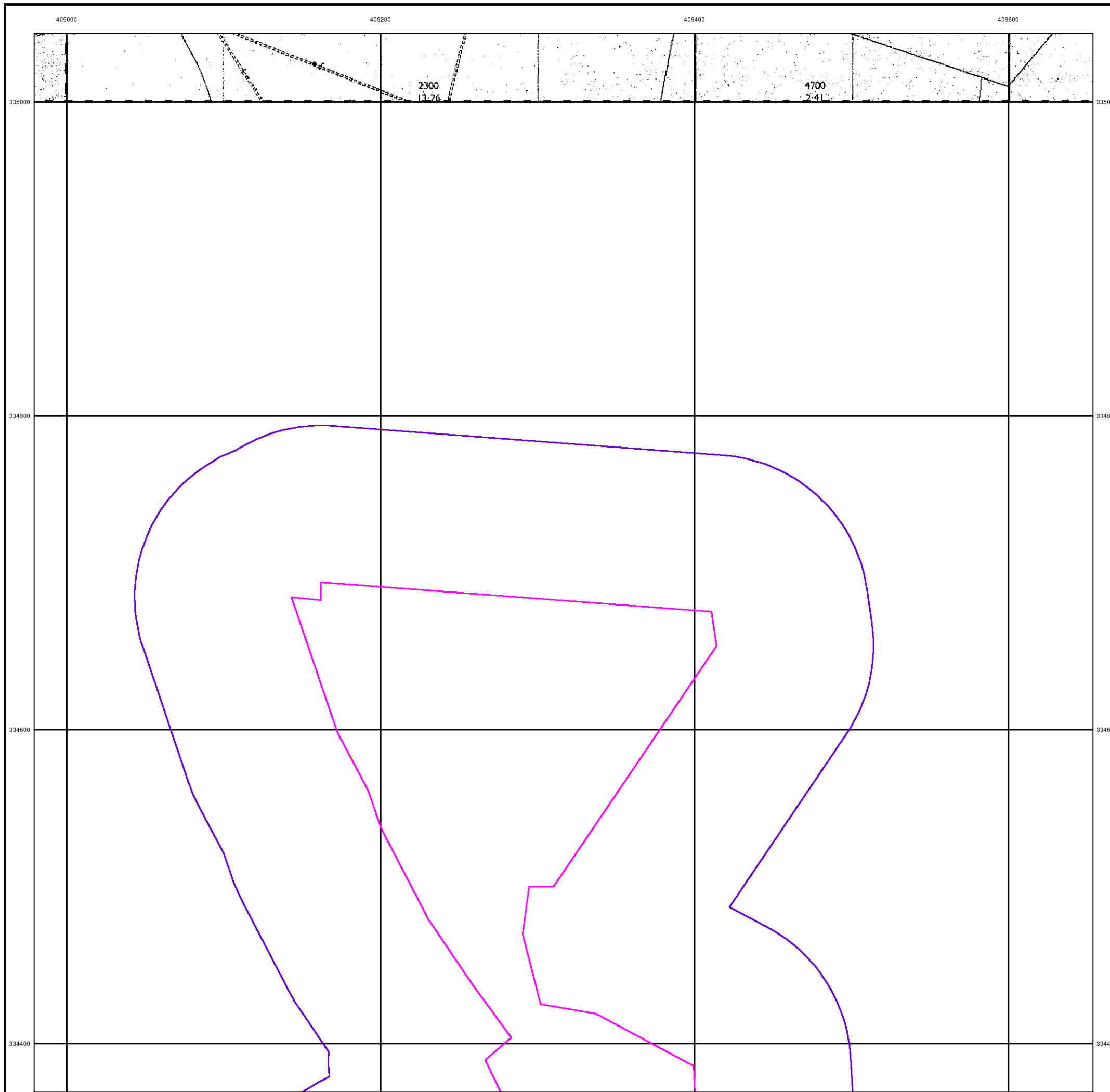
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 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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Additional SIMs

Published 1978 - 1990

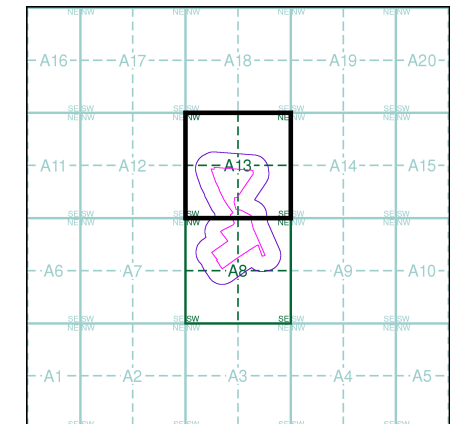
Source map scale - 1:2,500

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)

SK0835 1988 1:2,500	SK0935 1990 1:2,500
SK0834 1978 1:2,500	SK0934 1978 1:2,500

Historical Map - Segment A13



Order Details

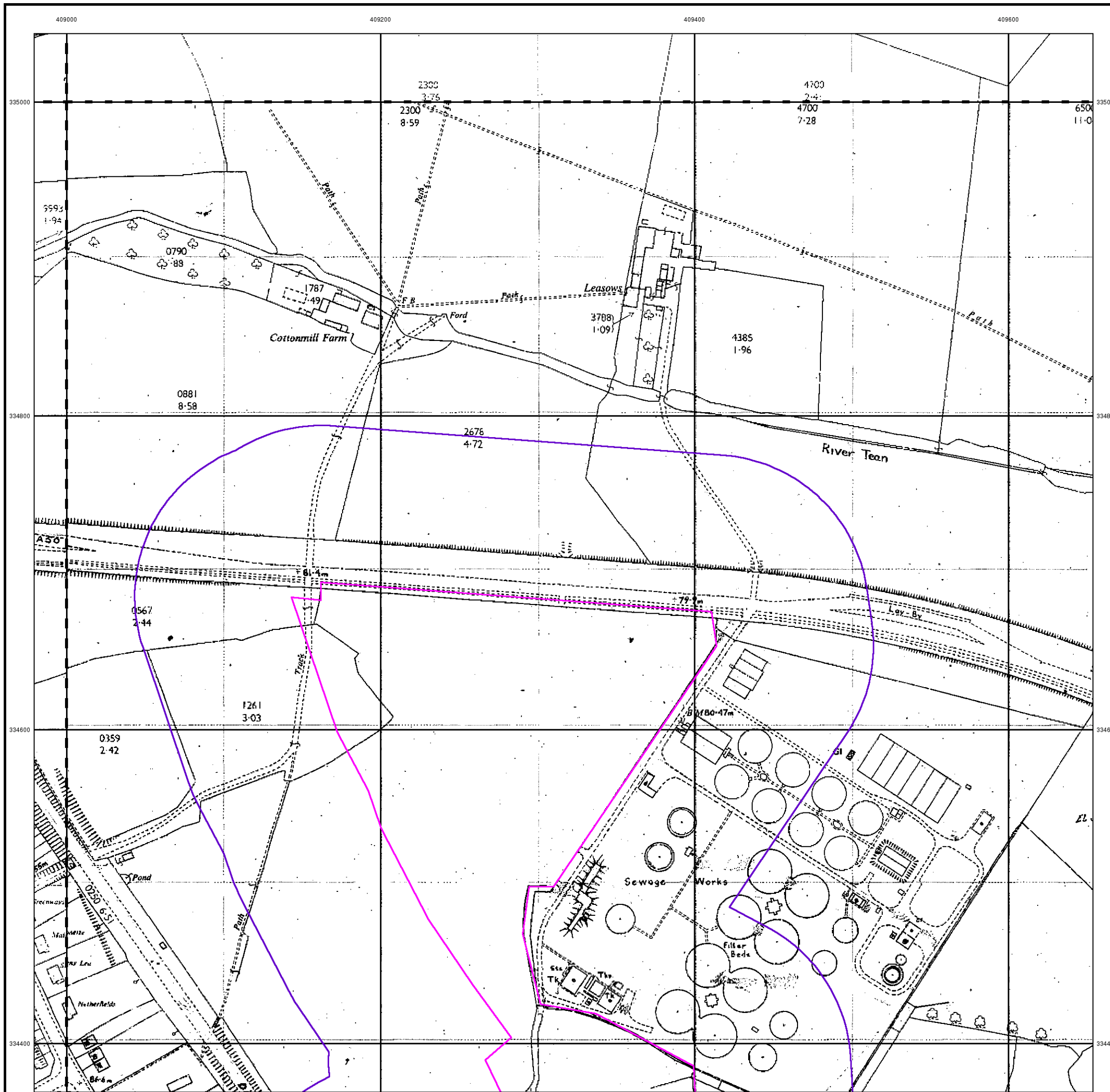
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

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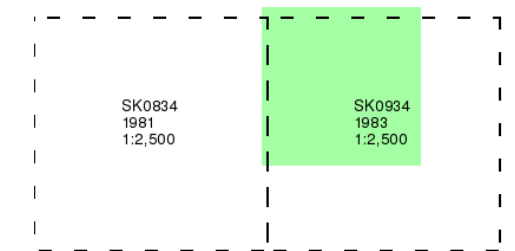
Ordnance Survey Plan

Published 1981 - 1983

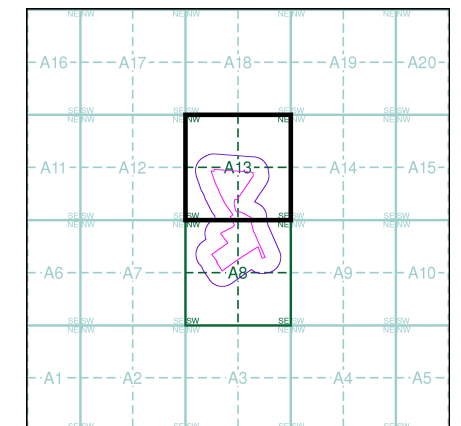
Source map scale - 1:2,500

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

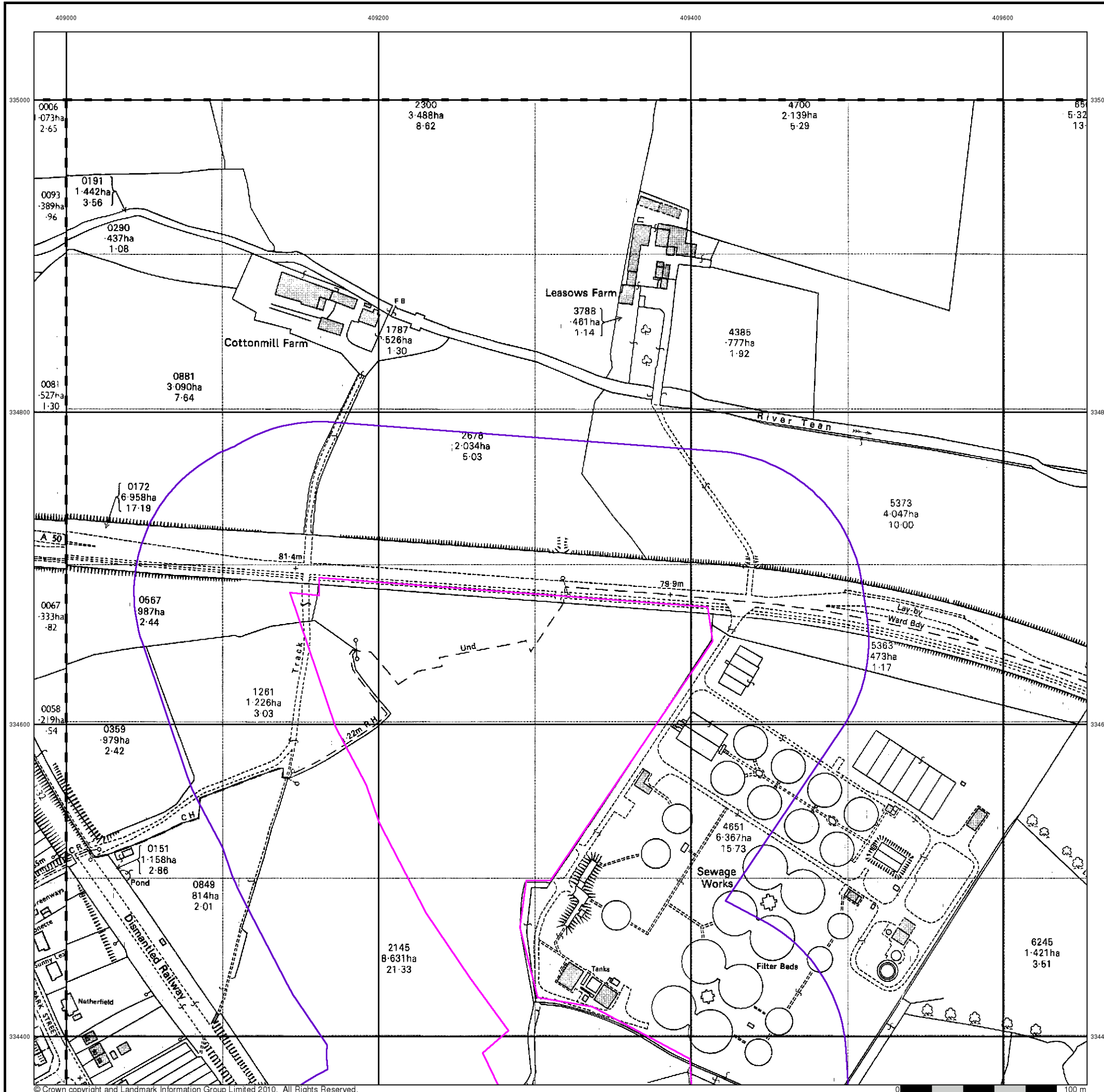
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



Tel: 0844 844 9952
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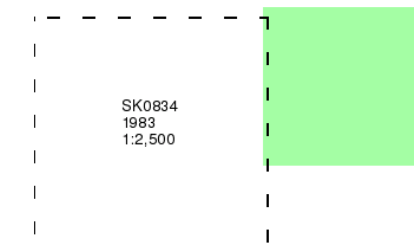
Ordnance Survey Plan

Published 1983

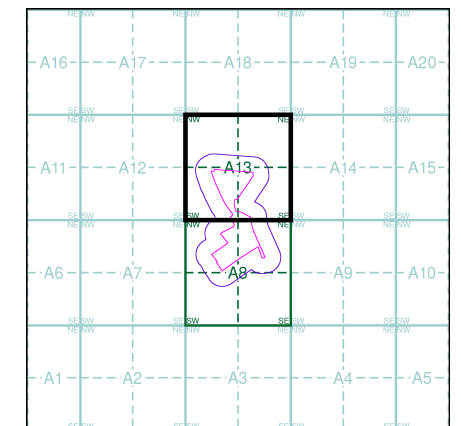
Source map scale - 1:2,500

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

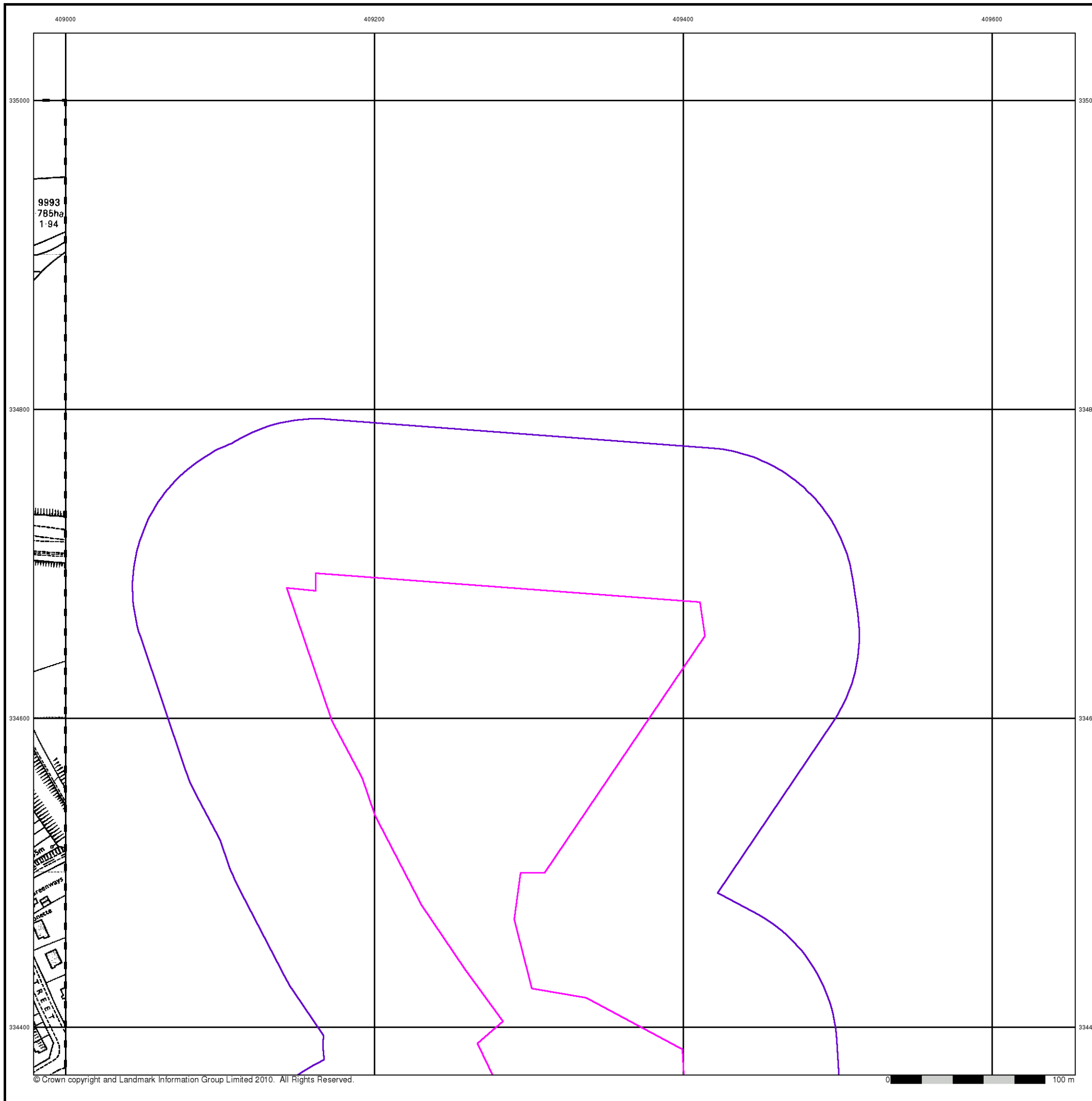
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 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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 Fax: 0844 844 9951
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Additional SIMs

Published 1987 - 1988

Source map scale - 1:2,500

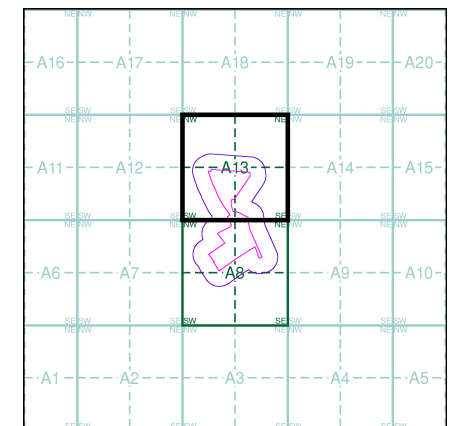
The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps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

Map Name(s) and Date(s)

SK0835
1988
1:2,500

SK0834
1987
1:2,500

Historical Map - Segment A13



Order Details

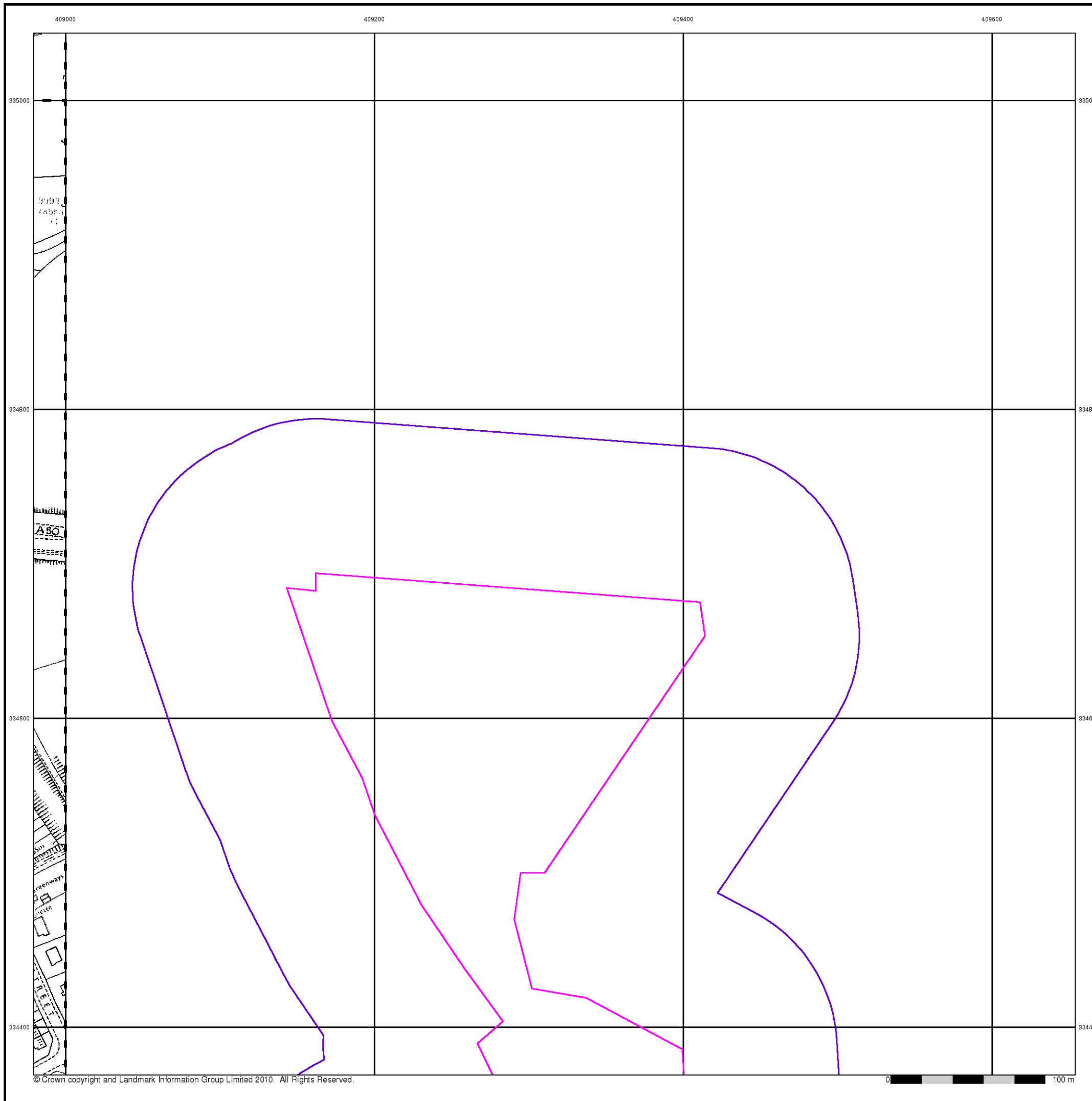
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

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CONSULTING

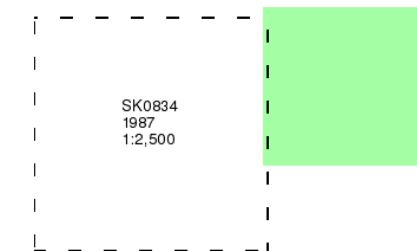
Additional SIMs

Published 1987

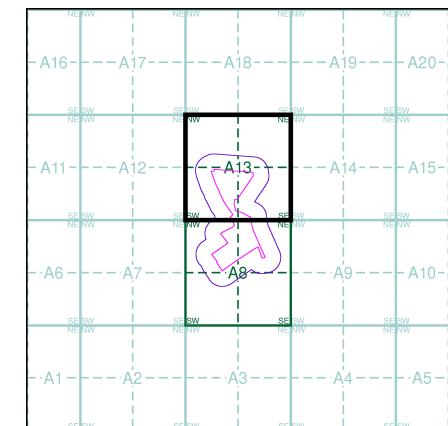
Source map scale - 1:2,500

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

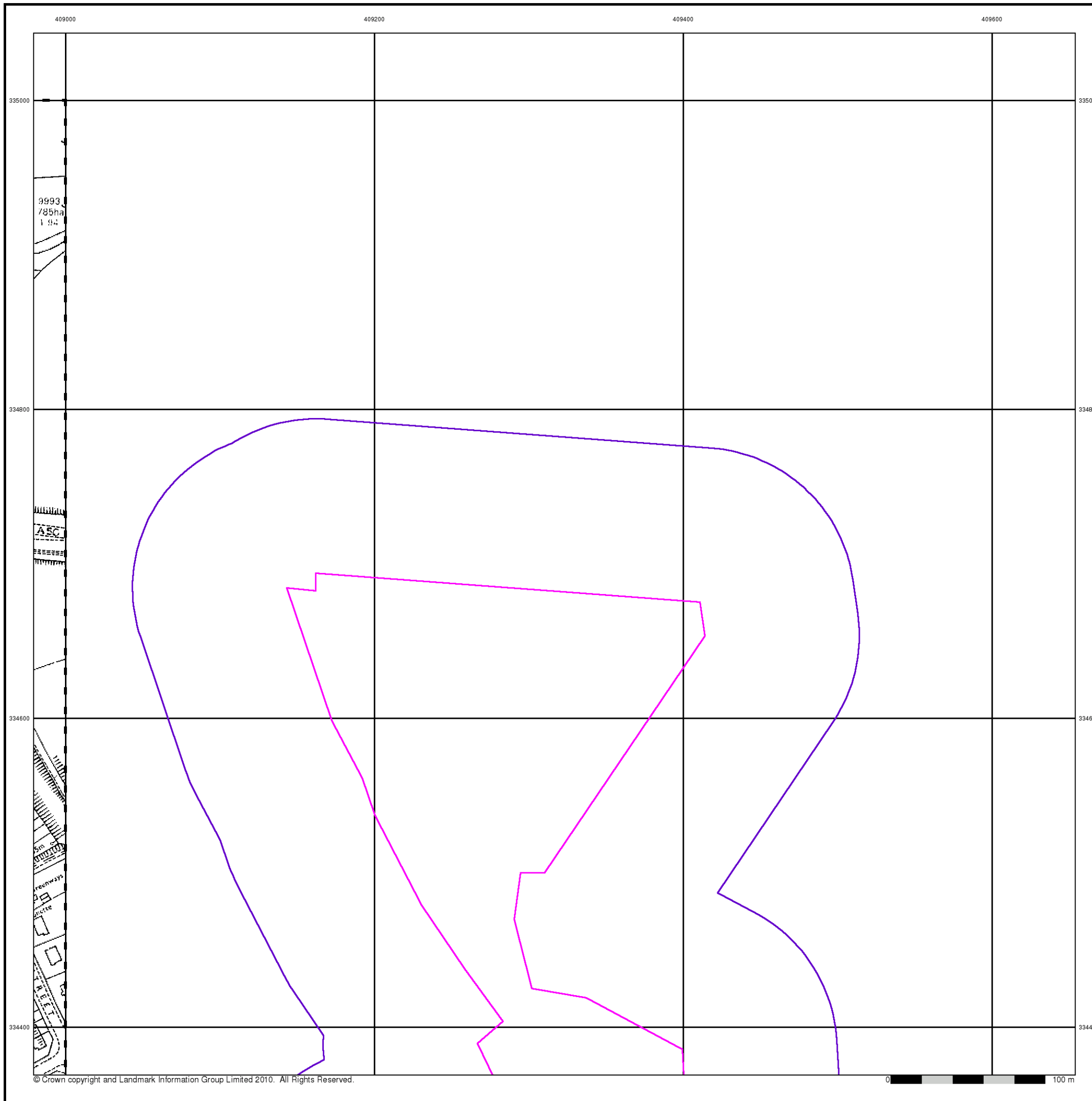
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
Information Group

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



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Large-Scale National Grid Data

Published 1994

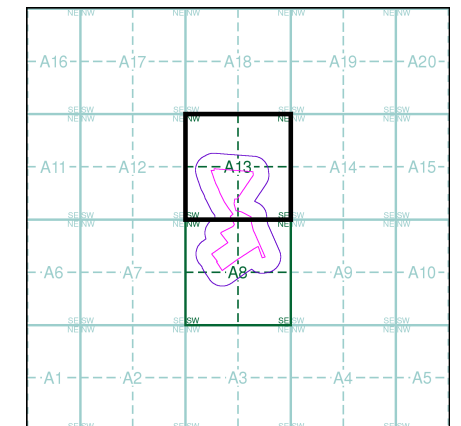
Source map scale - 1:2,500

'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)

SK0835 1994 1:2,500	SK0935 1994 1:2,500
SK0834 1994 1:2,500	SK0934 1994 1:2,500

Historical Map - Segment A13



Order Details

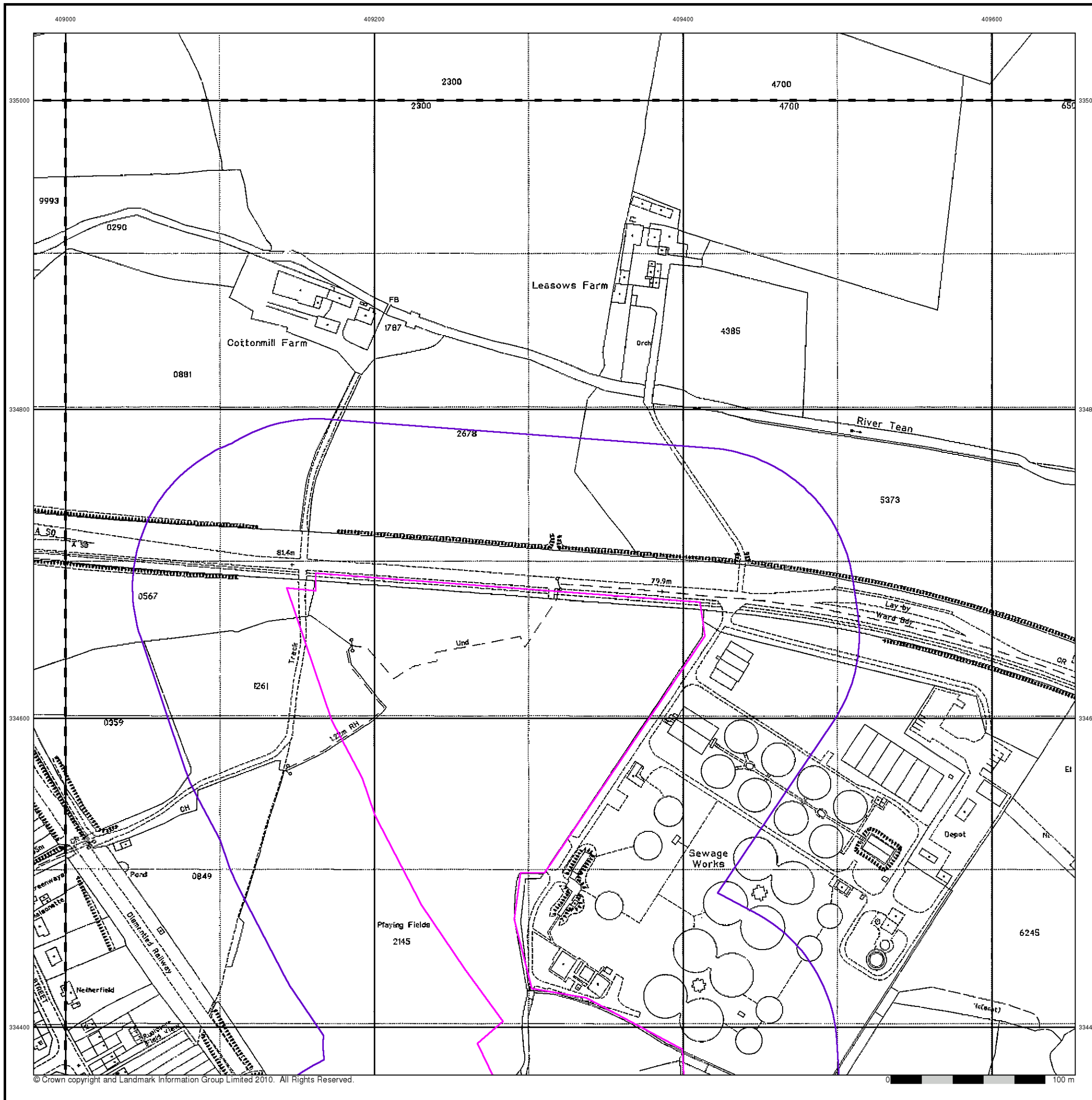
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
Information Group

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



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Large-Scale National Grid Data

Published 1997

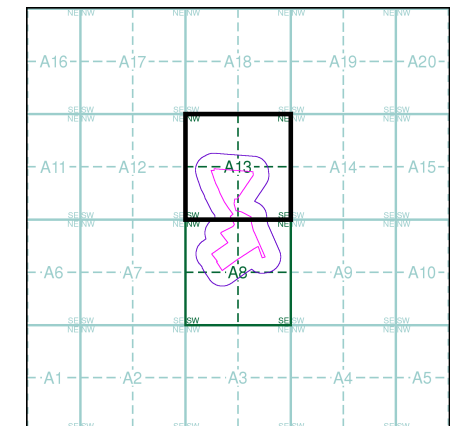
Source map scale - 1:2,500

'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)

SK0835	1997	1:2,500
SK0934	1997	1:2,500

Historical Map - Segment A13



Order Details

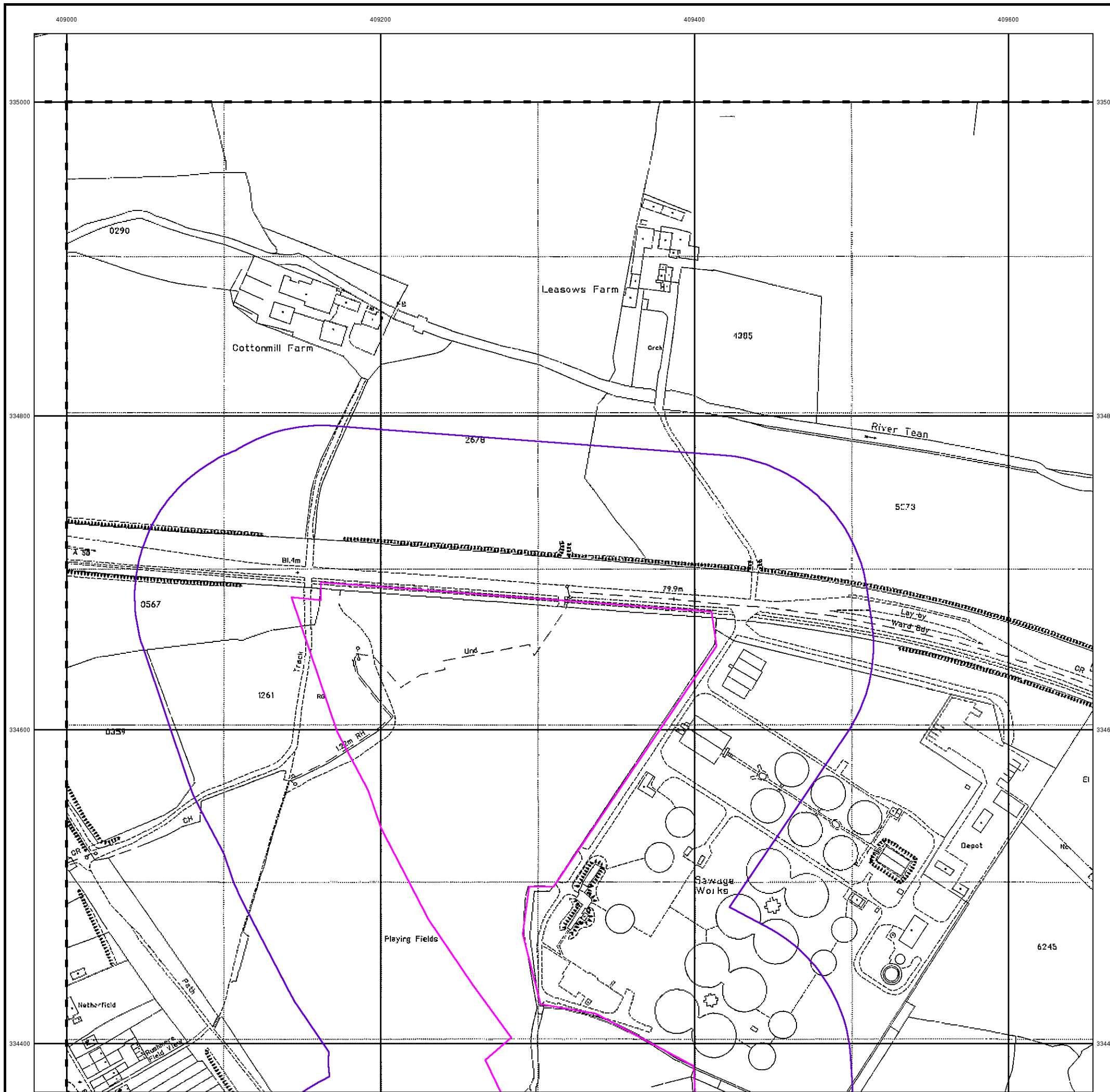
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
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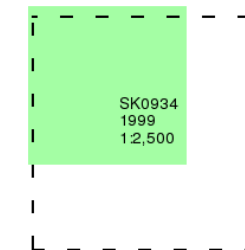
Large-Scale National Grid Data

Published 1999

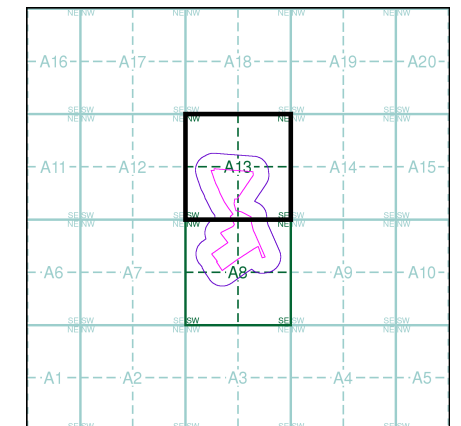
Source map scale - 1:2,500

'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)



Historical Map - Segment A13



Order Details

Order Number:	31645632_1_1
Customer Ref:	NTE285
National Grid Reference:	409300, 334380
Slice:	A
Site Area (Ha):	9.91
Search Buffer (m):	100

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Historical Mapping Legends

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

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
Co. Boro. Bdy.
County Burgh Boundary (Scotland)
BP BS 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 **Sl** 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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
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
EI 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

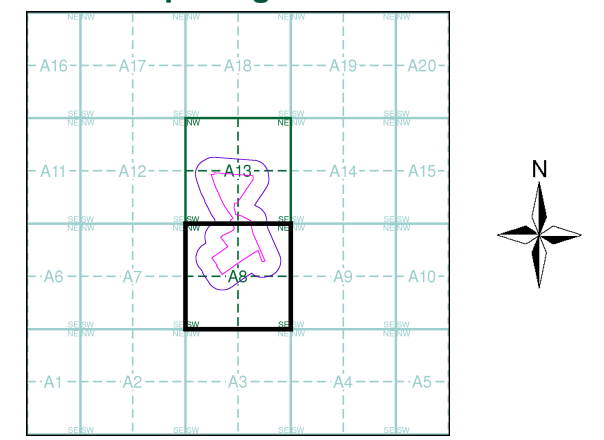
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
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
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI 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 Governor **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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:2,500	1882 - 1883	2
Staffordshire	1:2,500	1901	3
Derbyshire	1:2,500	1922	4
Staffordshire	1:2,500	1922	5
Staffordshire	1:2,500	1937	6
Derbyshire	1:2,500	1937	7
Ordnance Survey Plan	1:2,500	1964 - 1973	8
Ordnance Survey Plan	1:2,500	1973 - 1983	9
Supply of Unpublished Survey Information	1:2,500	1974	10
Additional SIMs	1:2,500	1978	11
Ordnance Survey Plan	1:2,500	1983 - 1989	12
Additional SIMs	1:2,500	1987	13
Additional SIMs	1:2,500	1987	14
Large-Scale National Grid Data	1:2,500	1994	15
Large-Scale National Grid Data	1:2,500	1997	16
Large-Scale National Grid Data	1:2,500	1997 - 1999	17

Historical Map - Segment A8



Order Details
 Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details
 2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark Information Group
 Tel: 0844 844 9952
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 Web: www.envirocheck.co.uk

BWB

CONSULTING

Staffordshire

Published 1882 - 1883

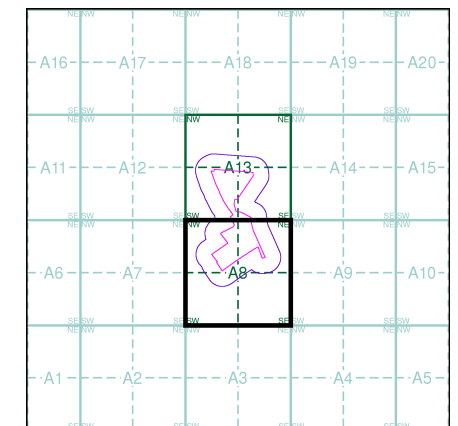
Source map scale - 1:2,500

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)

026_14
1882
12,500
032_02
1883
12,500

Historical Map - Segment A8



Order Details

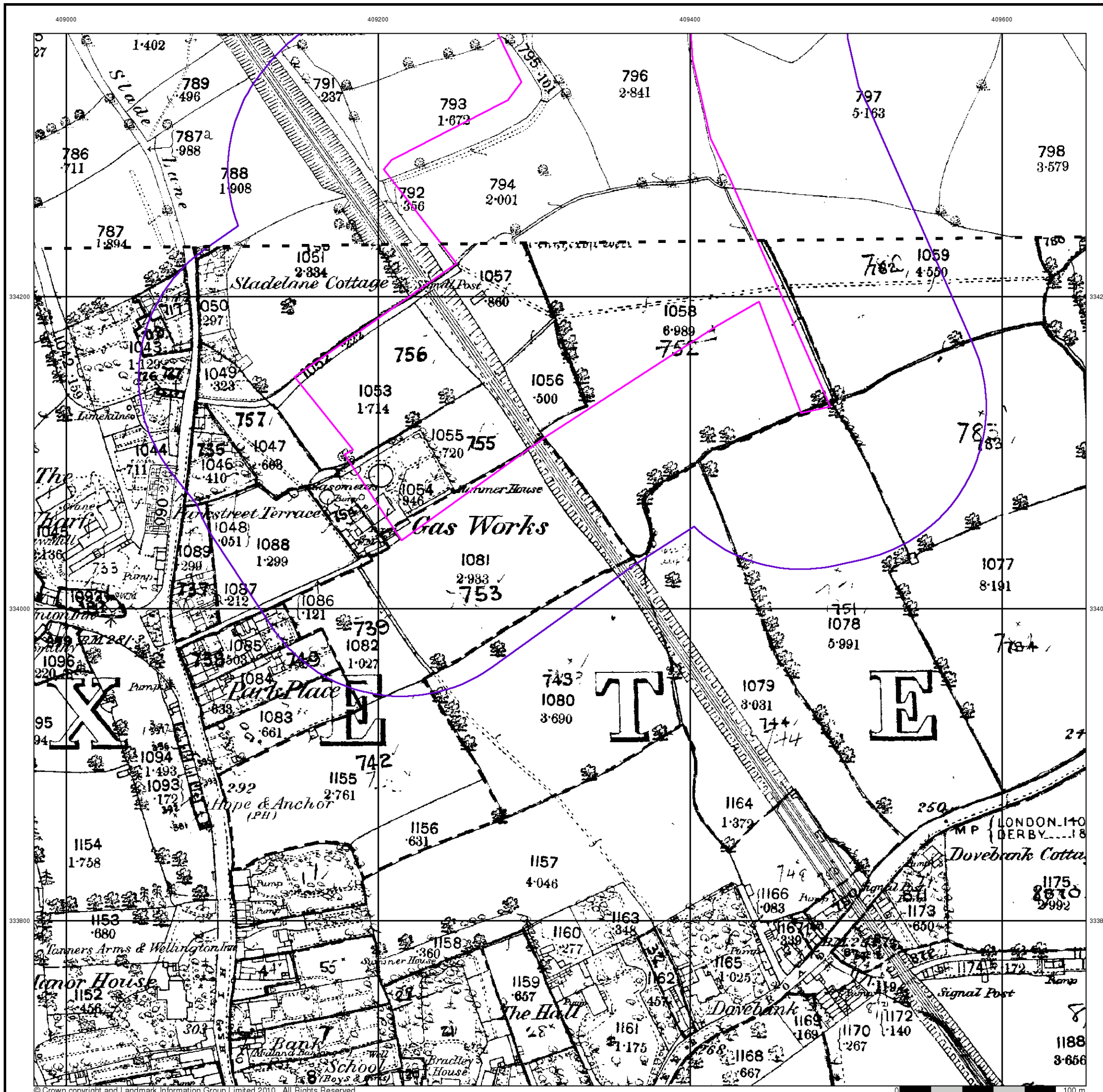
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National Grid Reference: 409300, 334380
Slice: A
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CONSULTING

Staffordshire

Published 1901

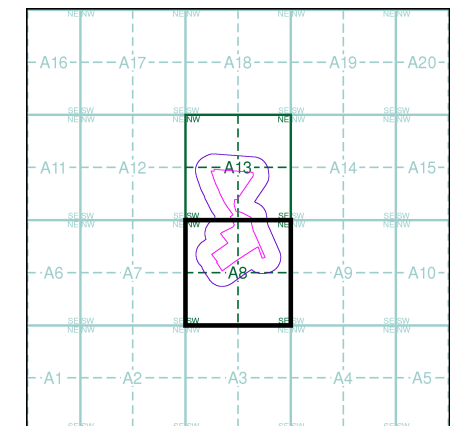
Source map scale - 1:2,500

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)

026_14
1901
12,500
032_02
1901
12,500

Historical Map - Segment A8



Order Details

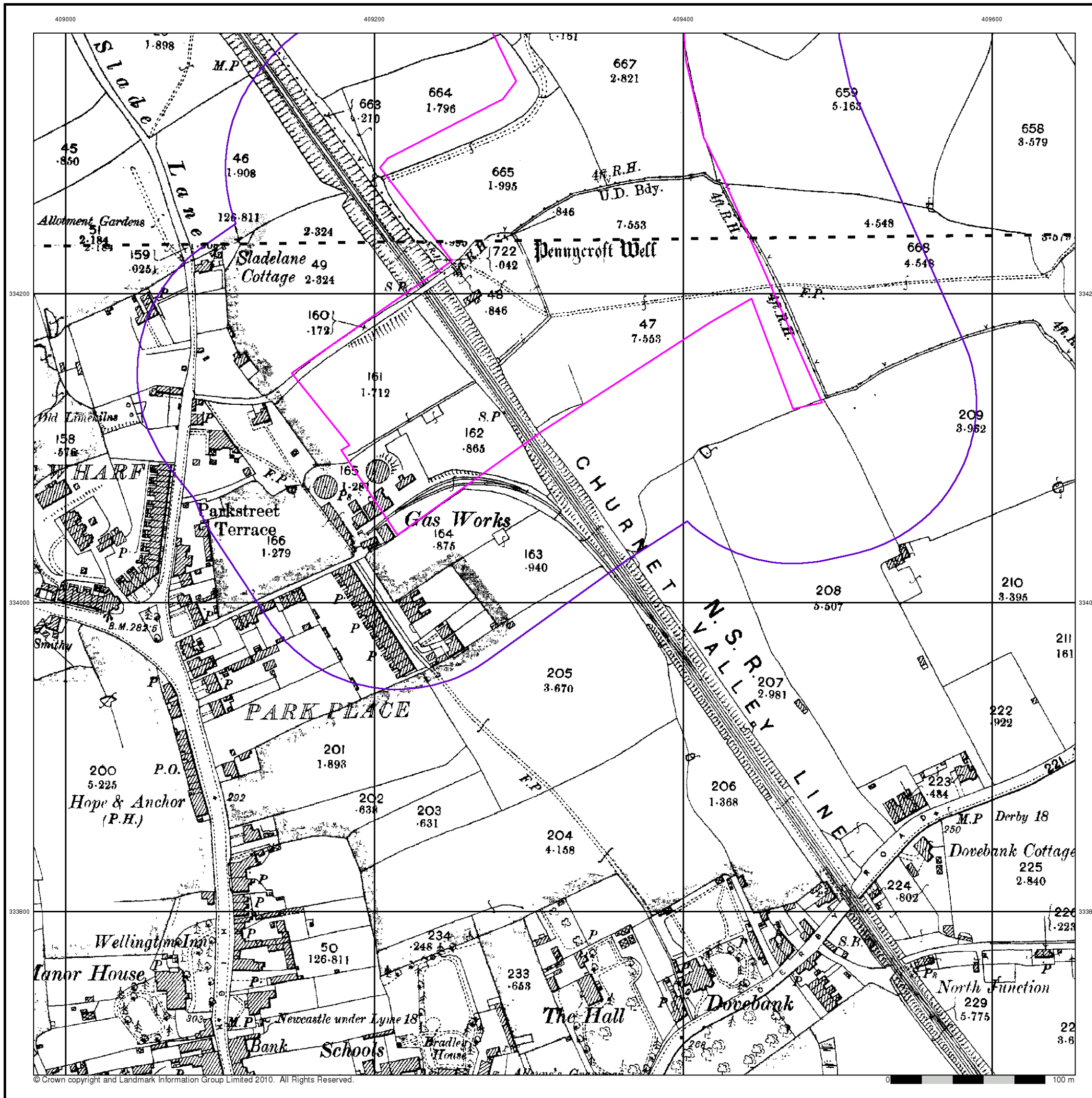
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National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
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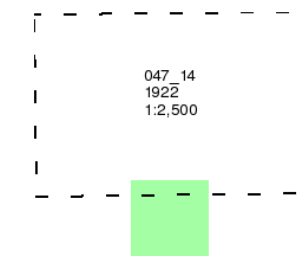
Derbyshire

Published 1922

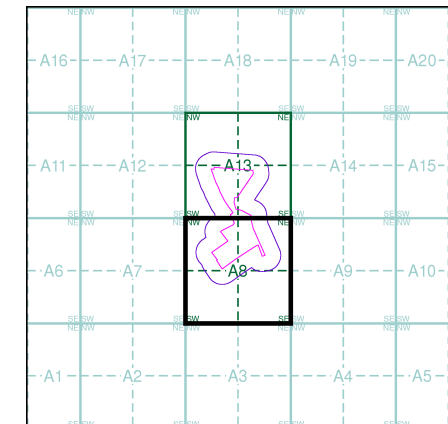
Source map scale - 1:2,500

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 A8



Order Details

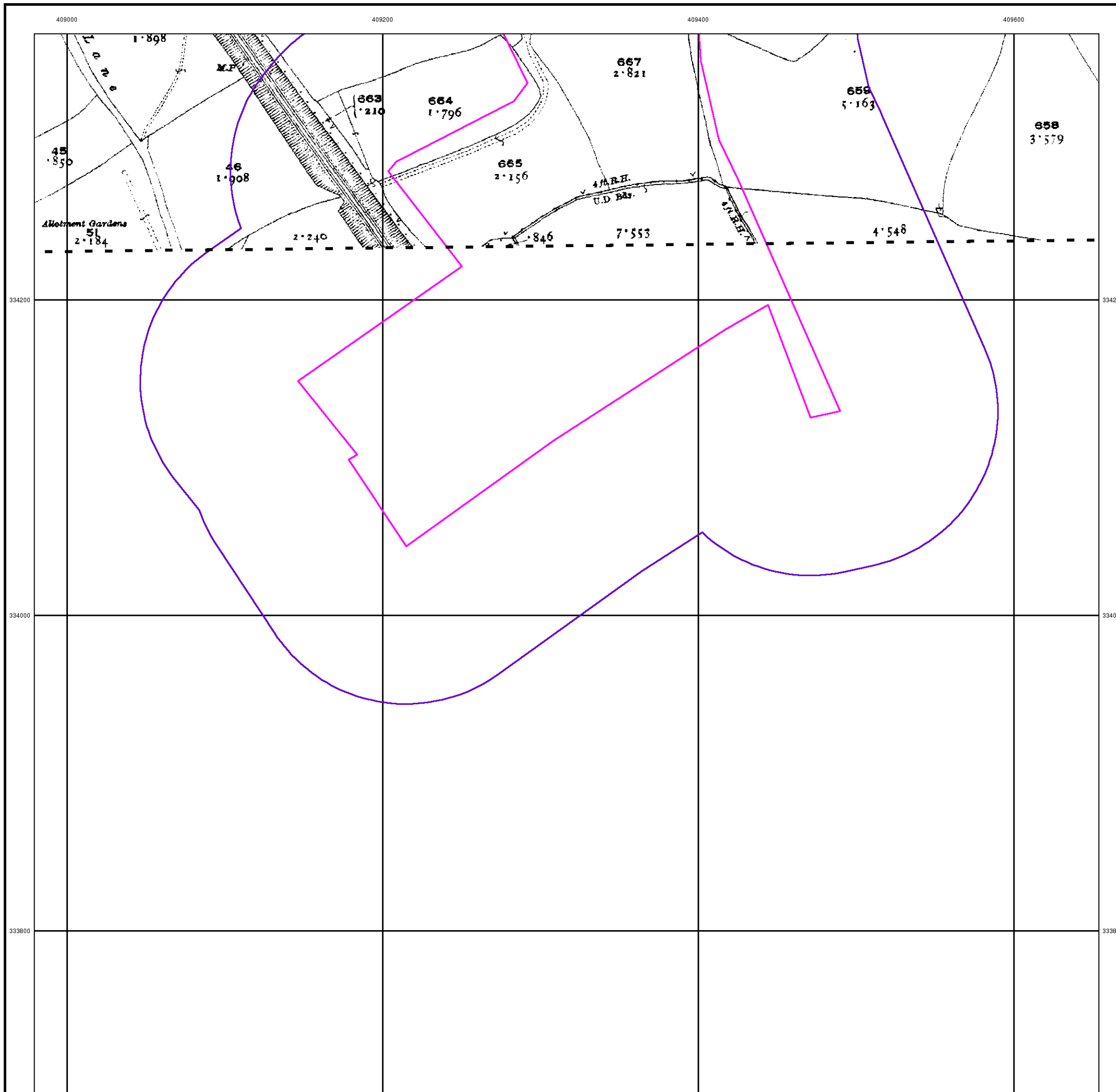
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

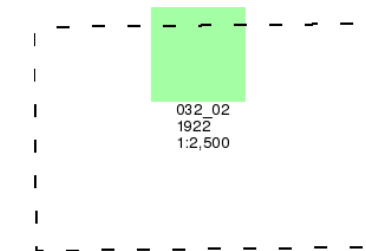
Landmark
Information Group

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

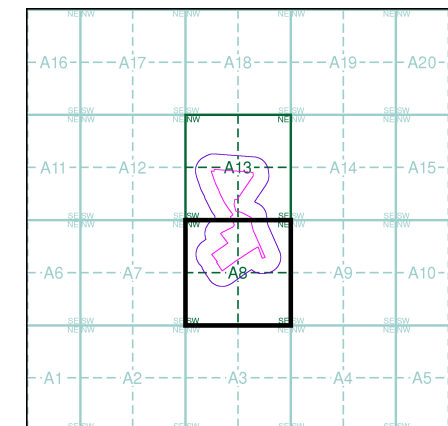


The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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 A8

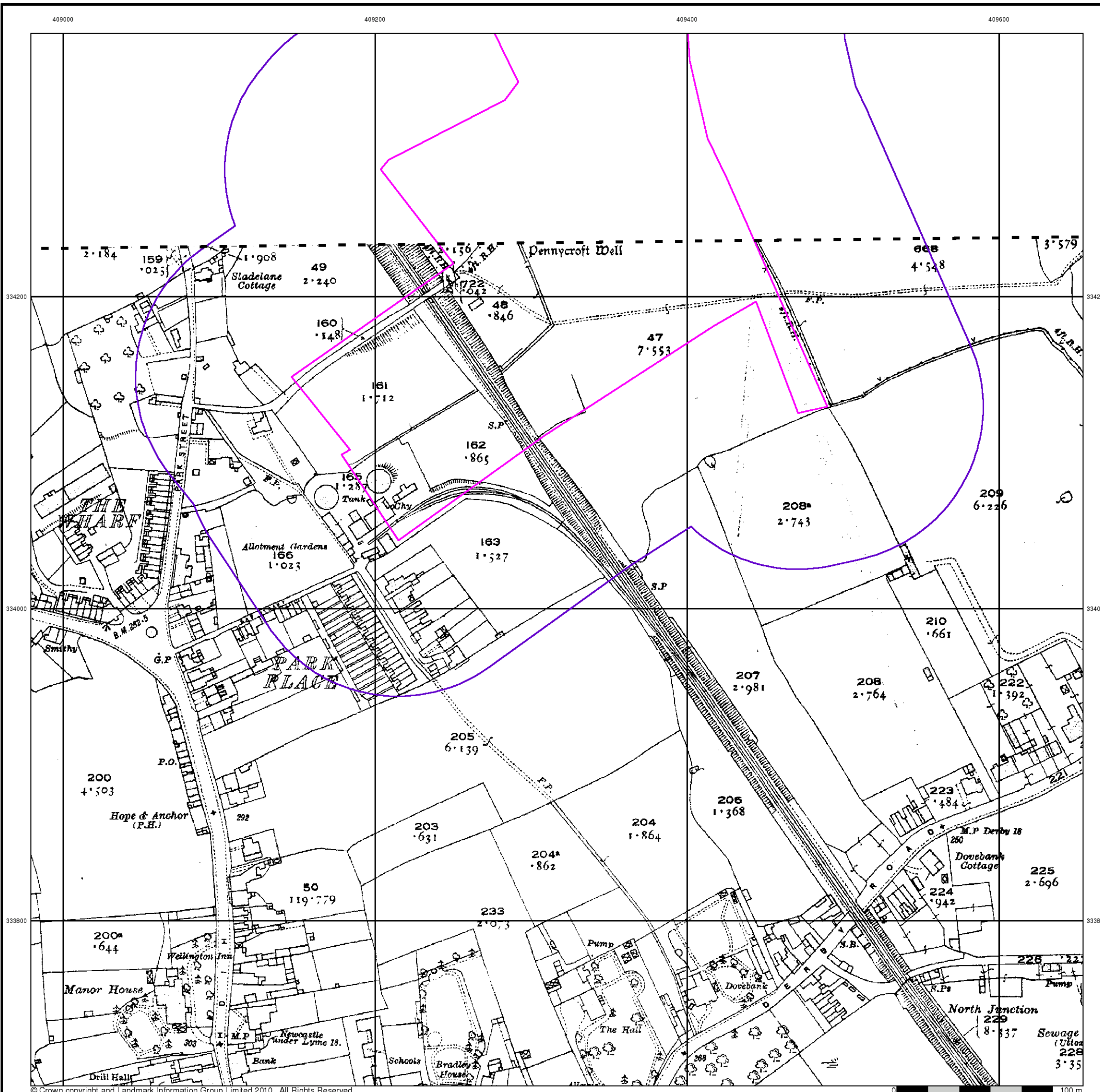


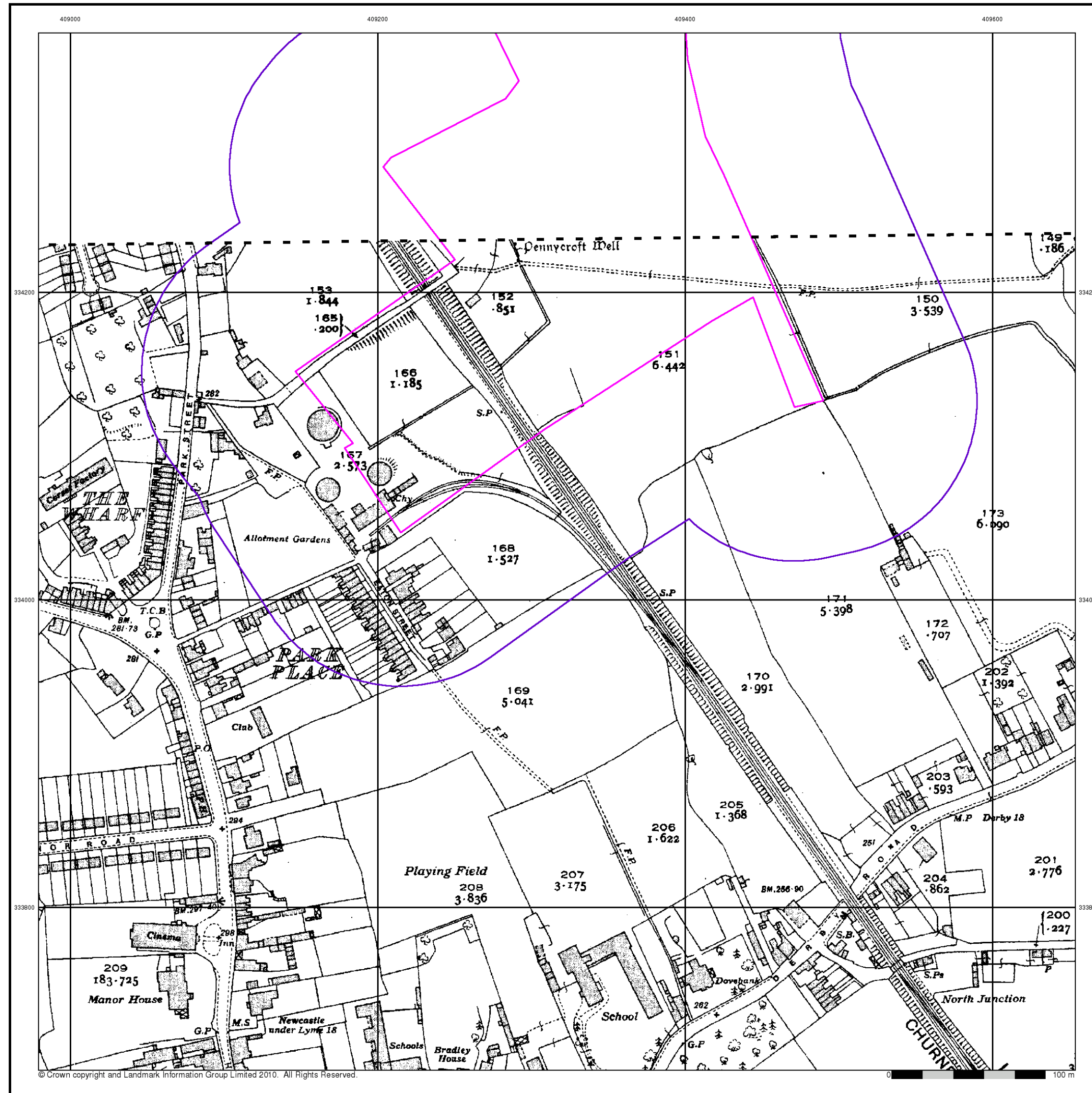
Order Details

Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ





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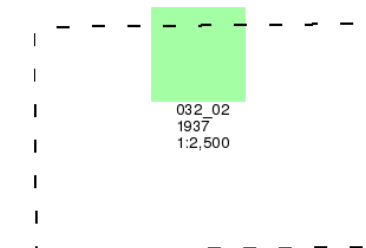
Staffordshire

Published 1937

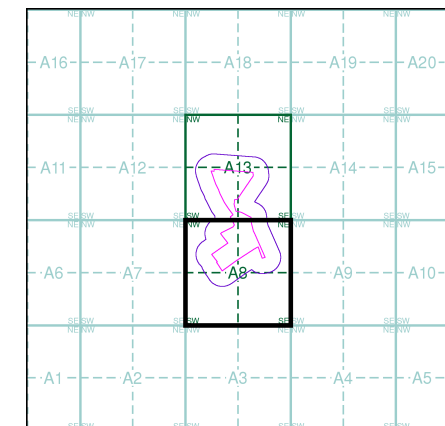
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Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
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Site Details

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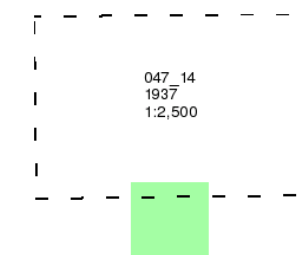
Derbyshire

Published 1937

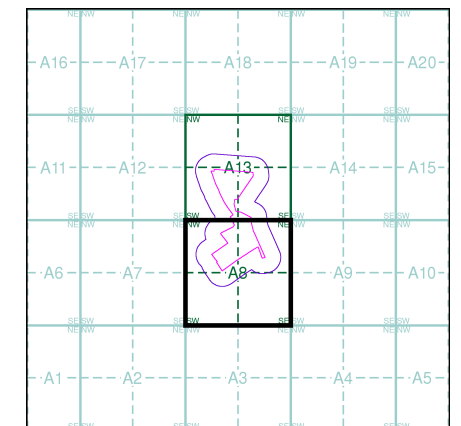
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The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered 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 A8



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
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Site Details

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Ordnance Survey Plan

Published 1964 - 1973

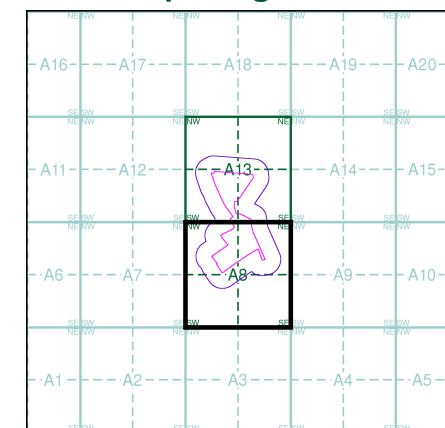
Source map scale - 1:2,500

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)

SK0834 1964 1:2,500	SK0934 1964 1:2,500
SK0833 1964 1:2,500	SK0933 1973 1:2,500

Historical Map - Segment A8



Order Details

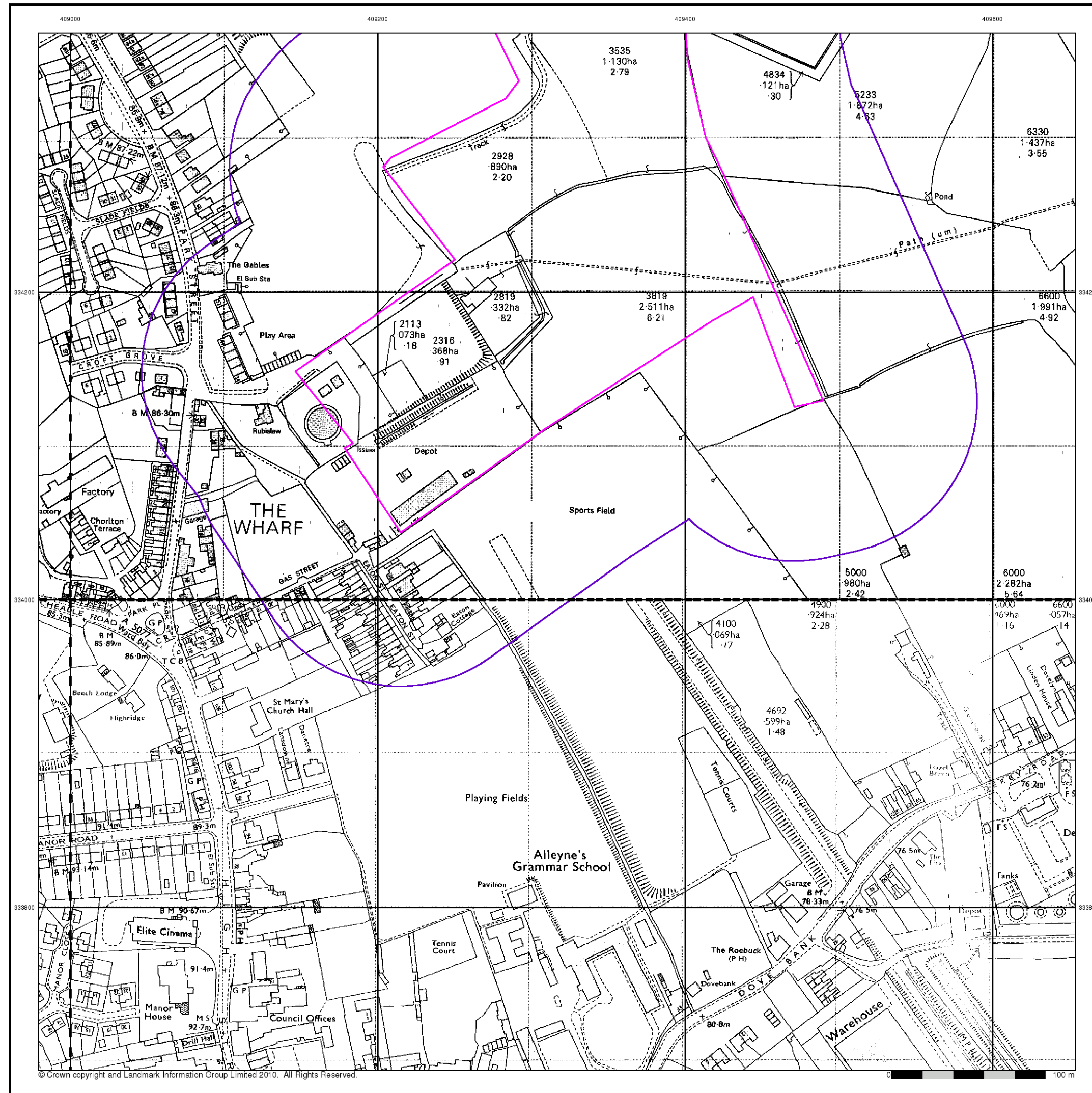
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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



BWB CONSULTING

Ordnance Survey Plan

Published 1973 - 1983

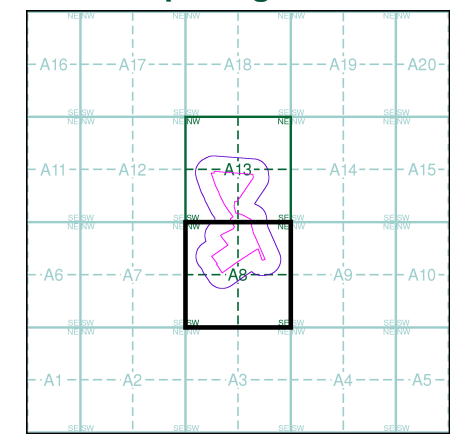
Source map scale - 1:2,500

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)

SK0834 1981 1:2,500	SK0934 1983 1:2,500
SK0833 1973 1:2,500	SK0933 1973 1:2,500

Historical Map - Segment A8



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

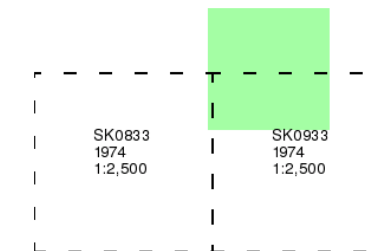
2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



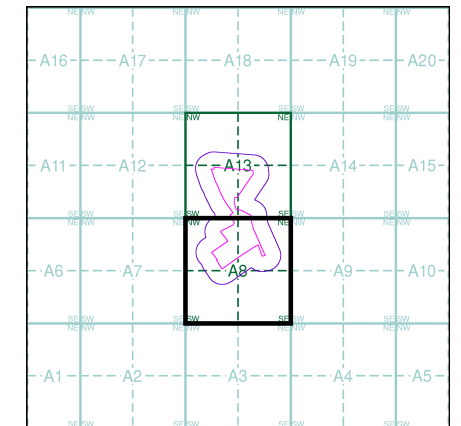
Tel: 0844 844 9952
 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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 A8

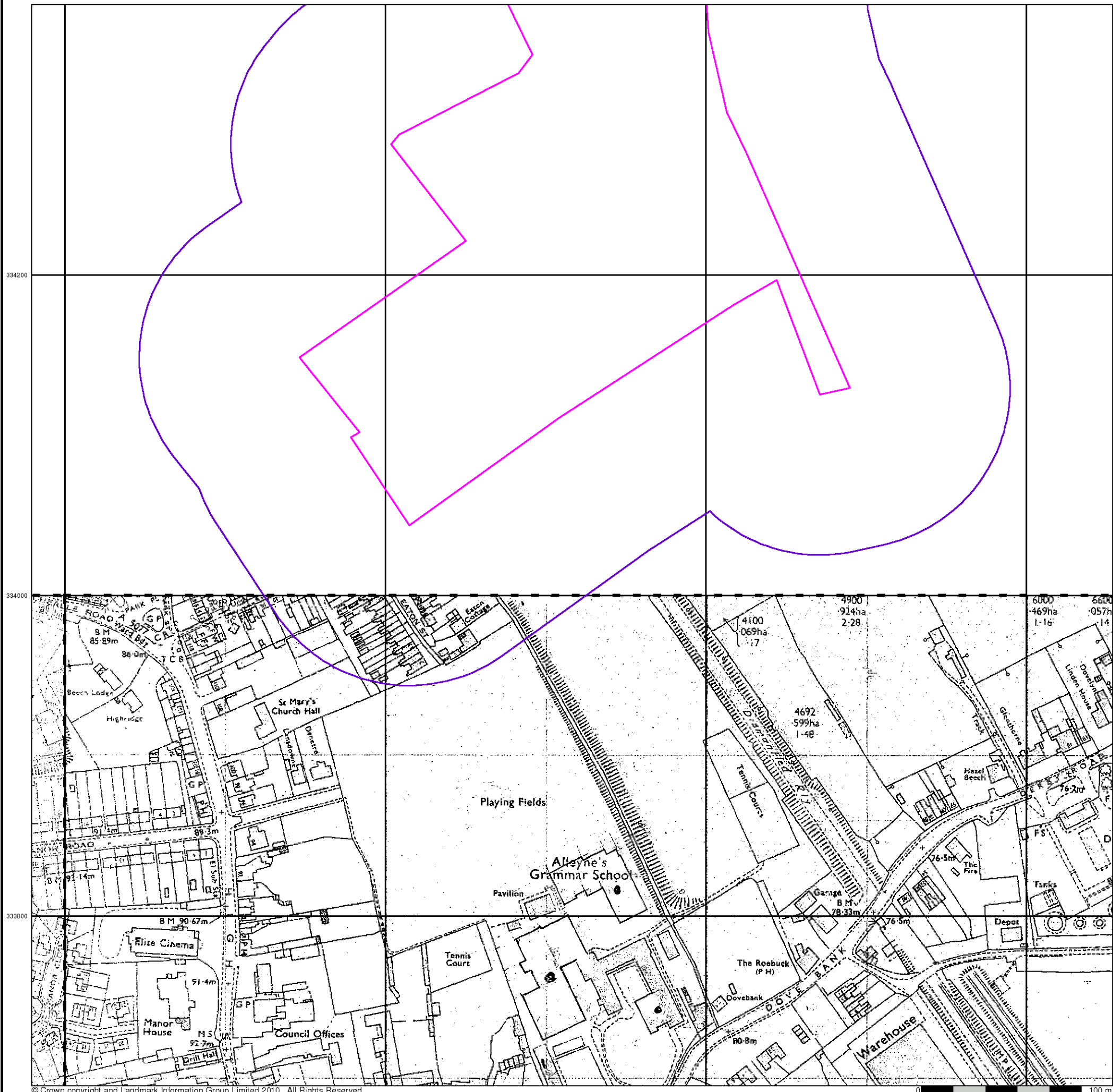


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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Additional SIMs

Published 1978

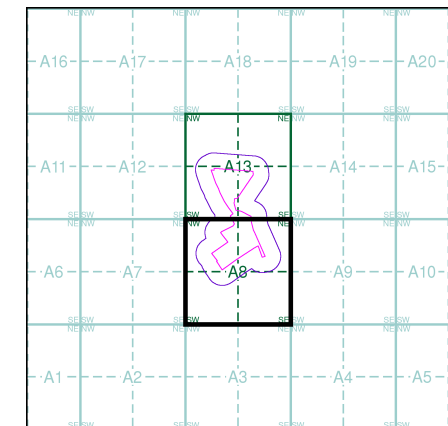
Source map scale - 1:2,500

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)

SK0834 1978 1:2,500	SK0934 1978 1:2,500
---------------------------	---------------------------

Historical Map - Segment A8



Order Details

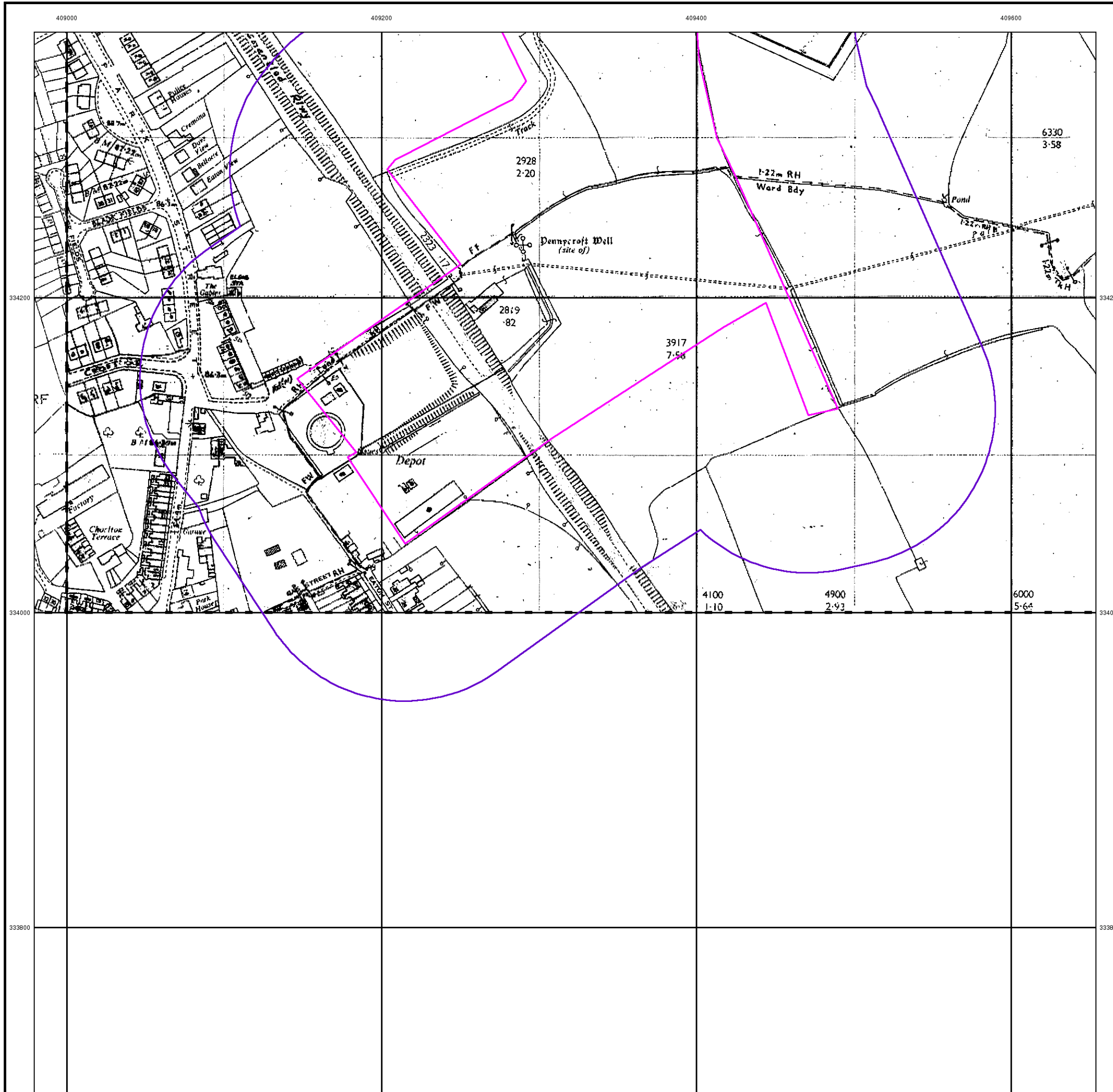
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
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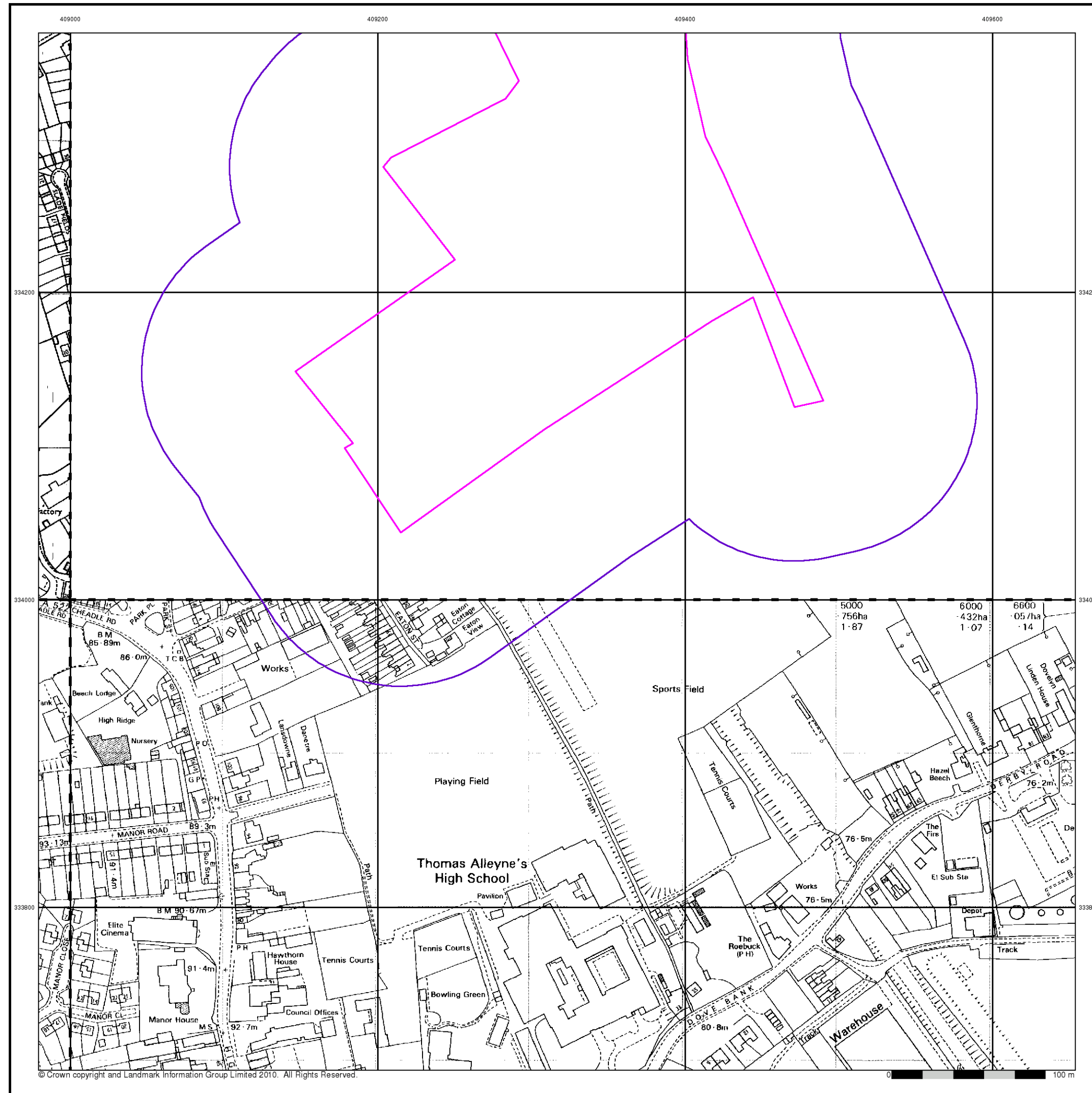
Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
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Ordnance Survey Plan

Published 1983 - 1989

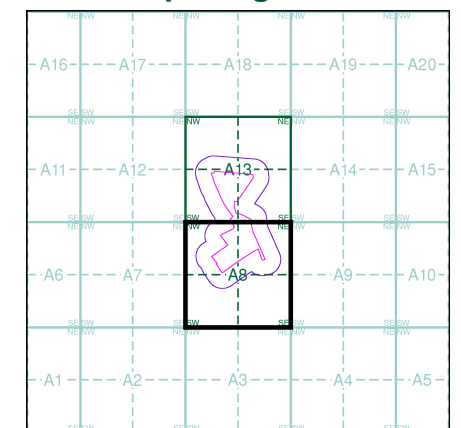
Source map scale - 1:2,500

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)

SK0834 1983 1:2,500	
SK0833 1989 1:2,500	SK0933 1989 1:2,500

Historical Map - Segment A8



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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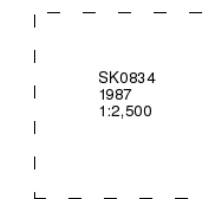
Additional SIMs

Published 1987

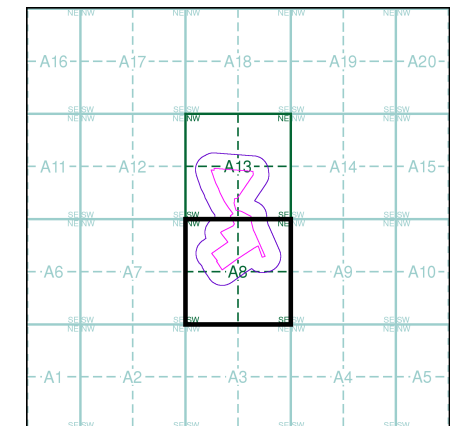
Source map scale - 1:2,500

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 A8



Order Details

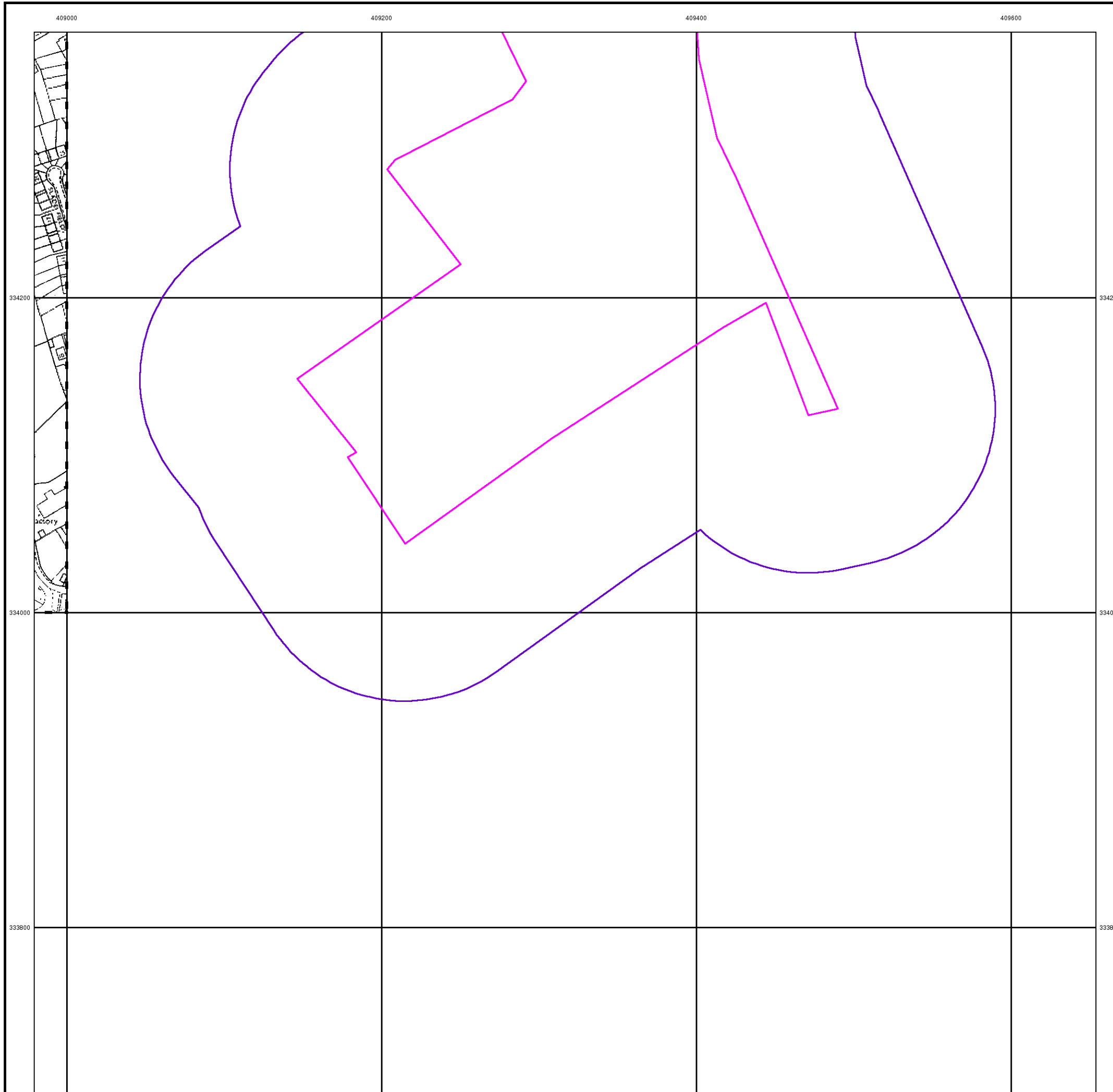
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Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

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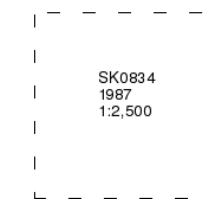
Additional SIMs

Published 1987

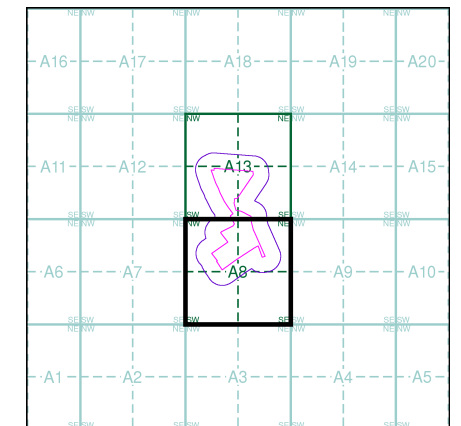
Source map scale - 1:2,500

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 A8



Order Details

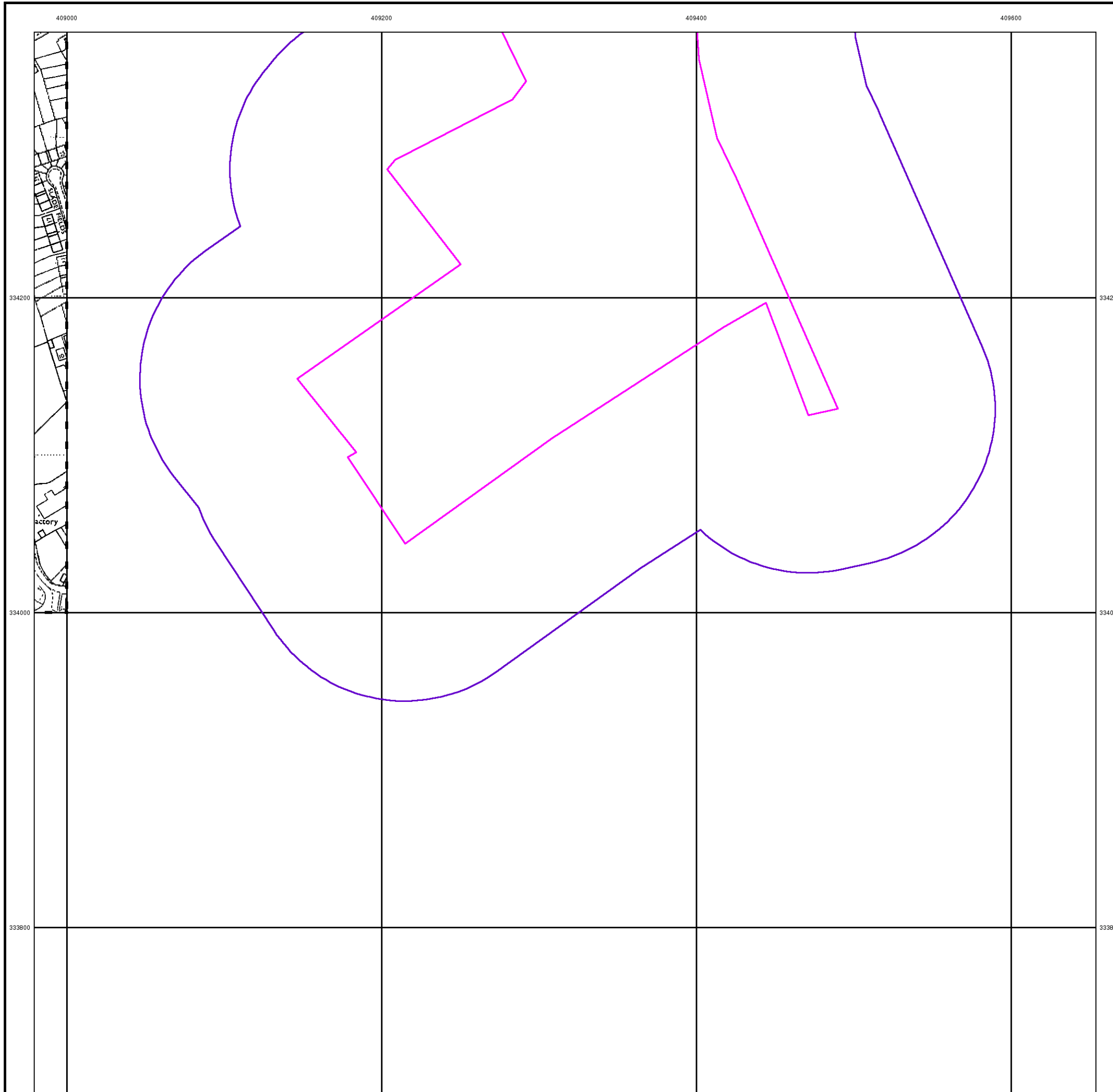
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Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 100

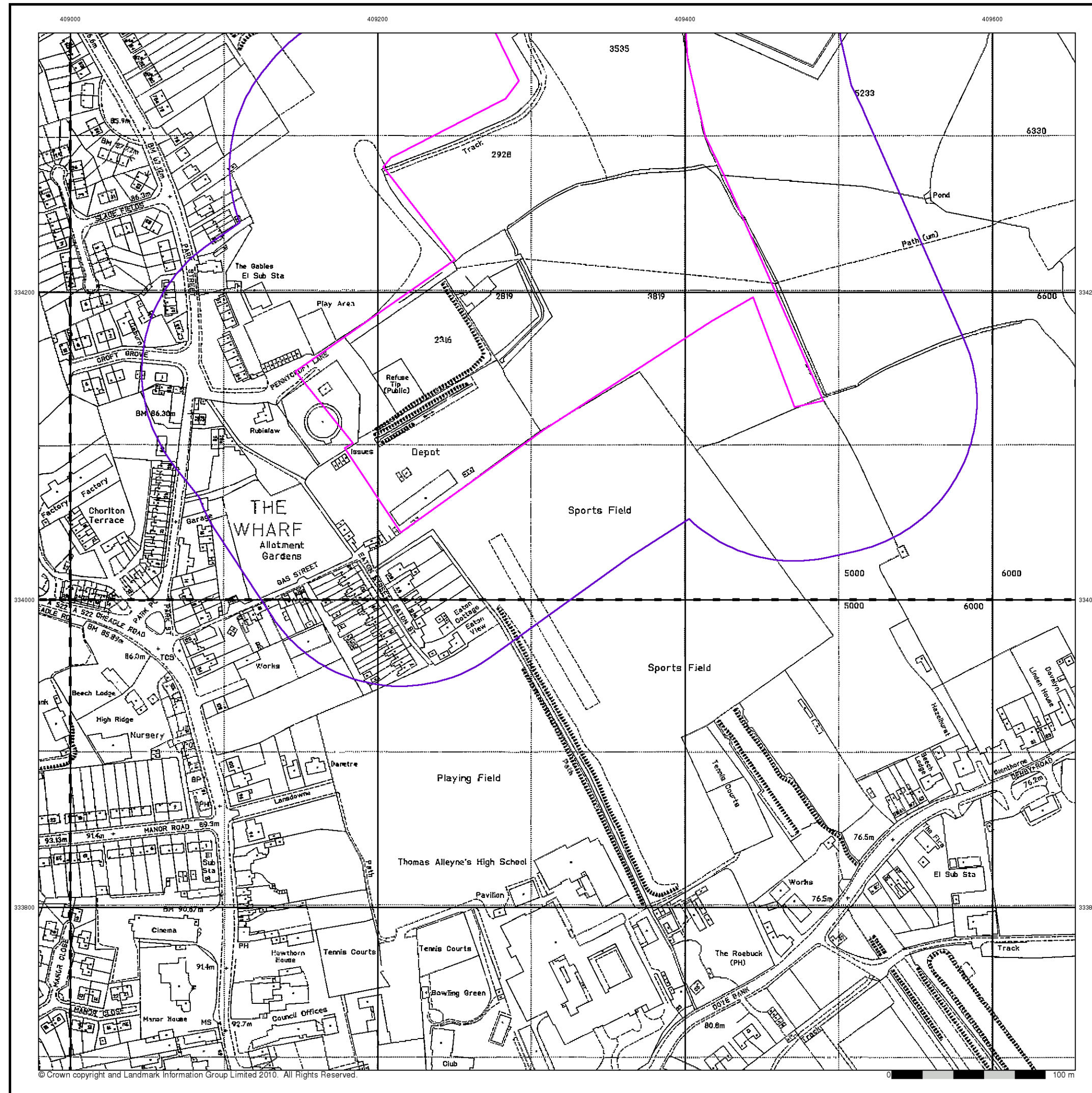
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Large-Scale National Grid Data

Published 1994

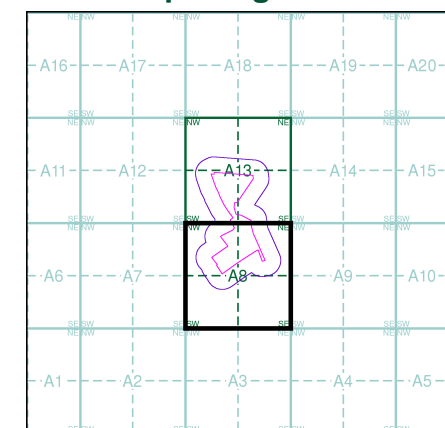
Source map scale - 1:2,500

'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)

SK0834	SK0934
1994	1994
1:2,500	1:2,500
SK0833	SK0933
1994	1994
1:2,500	1:2,500

Historical Map - Segment A8



Order Details

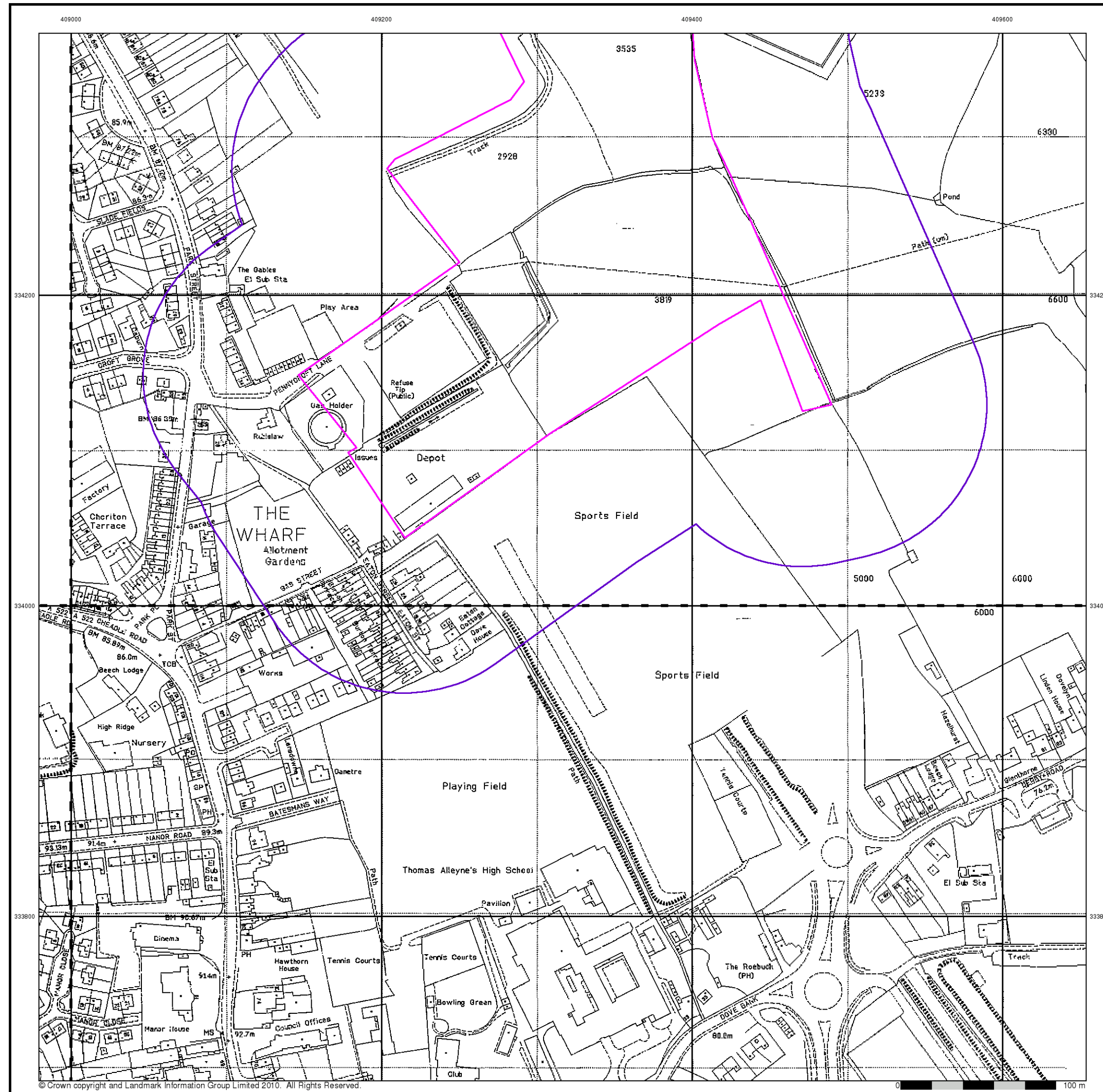
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 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

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Large-Scale National Grid Data

Published 1997

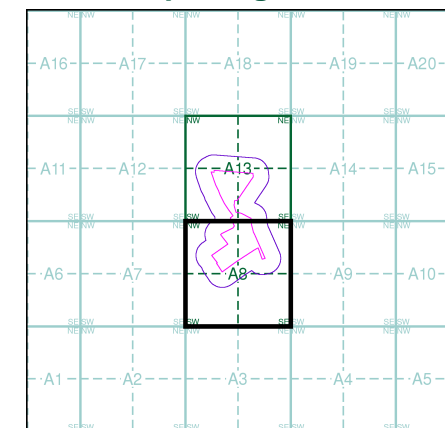
Source map scale - 1:2,500

'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)

SK0833	SK0933
1997	1997
1:2,500	1:2,500

Historical Map - Segment A8



Order Details

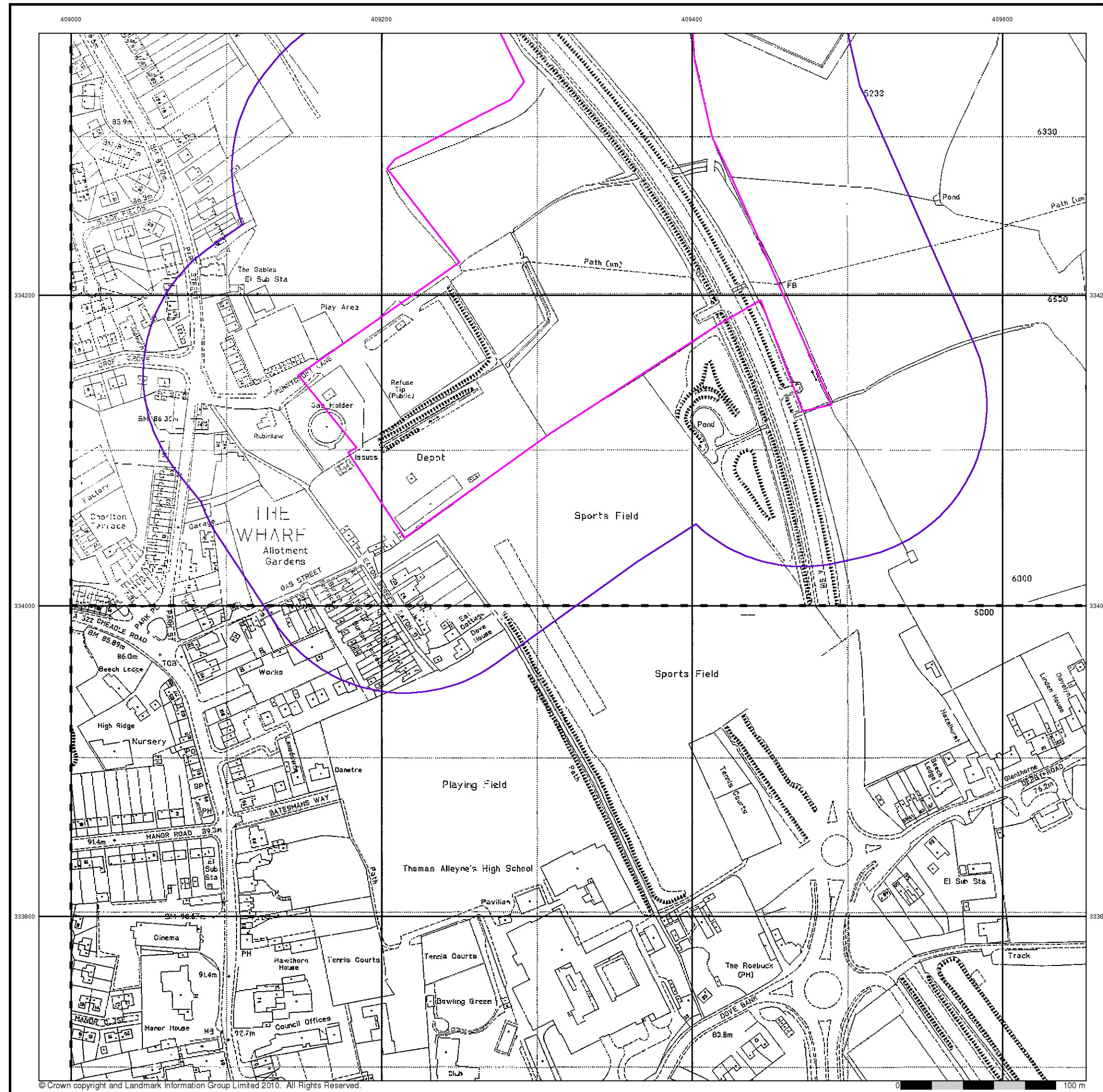
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 100

Site Details

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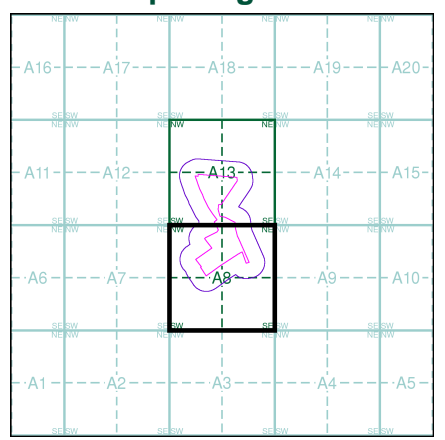
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CONSULTING
Large-Scale National Grid Data
Published 1997 - 1999
Source map scale - 1:2,500

'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)

SK0934	1999	1:2,500
SK0933	1997	1:2,500

Historical Map - Segment A8



Order 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		Minor Roads		
	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				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	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		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		
	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

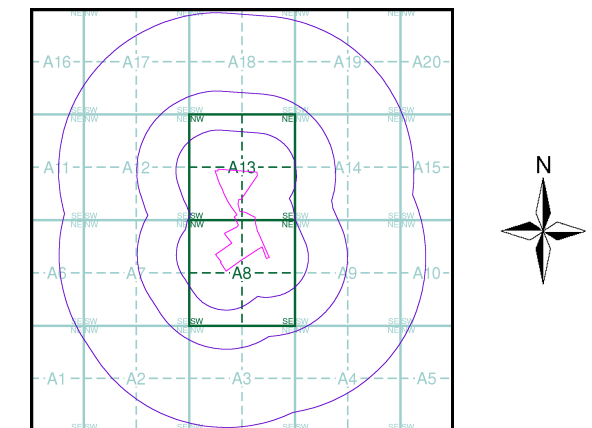
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, 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)
	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



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Staffordshire	1:10,560	1884 - 1887	2
Derbyshire	1:10,560	1885 - 1887	3
Derbyshire	1:10,560	1901	4
Staffordshire	1:10,560	1901	5
Derbyshire	1:10,560	1924	6
Derbyshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1955	8
Ordnance Survey Plan	1:10,000	1971 - 1976	9
Ordnance Survey Plan	1:10,000	1982	10
Ordnance Survey Plan	1:10,000	1990 - 1992	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
10K Raster Mapping	1:10,000	2010	14

Historical Map - Slice A



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



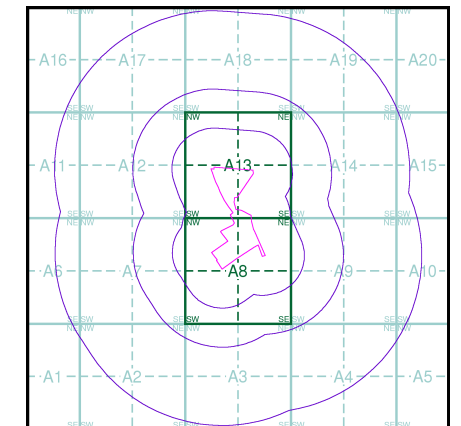
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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk

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Map Name(s) and Date(s)

026SW	1887	1:10,560
032NW	1884	1:10,560

Historical Map - Slice A

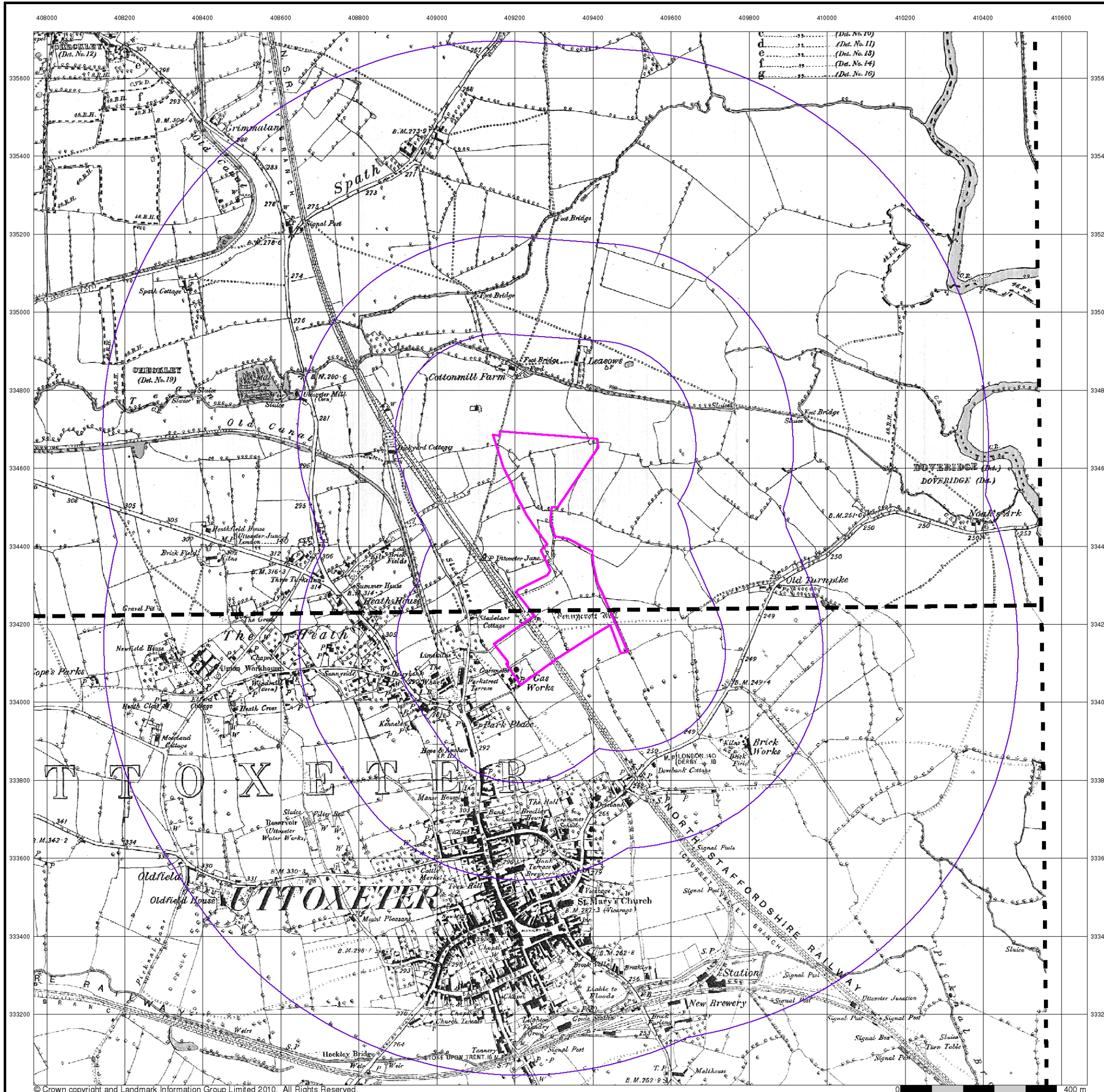


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

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Derbyshire

Published 1885 - 1887

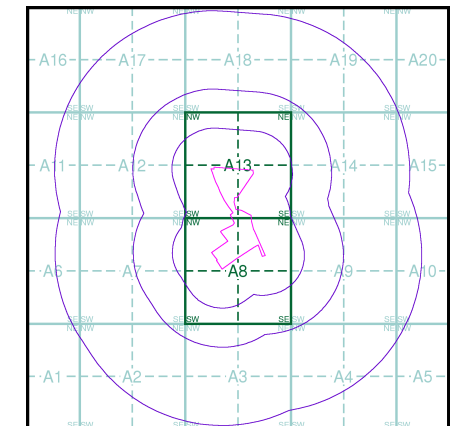
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

047SE
1887
1:10,560
052NE
1885
1:10,560

Historical Map - Slice A



Order Details

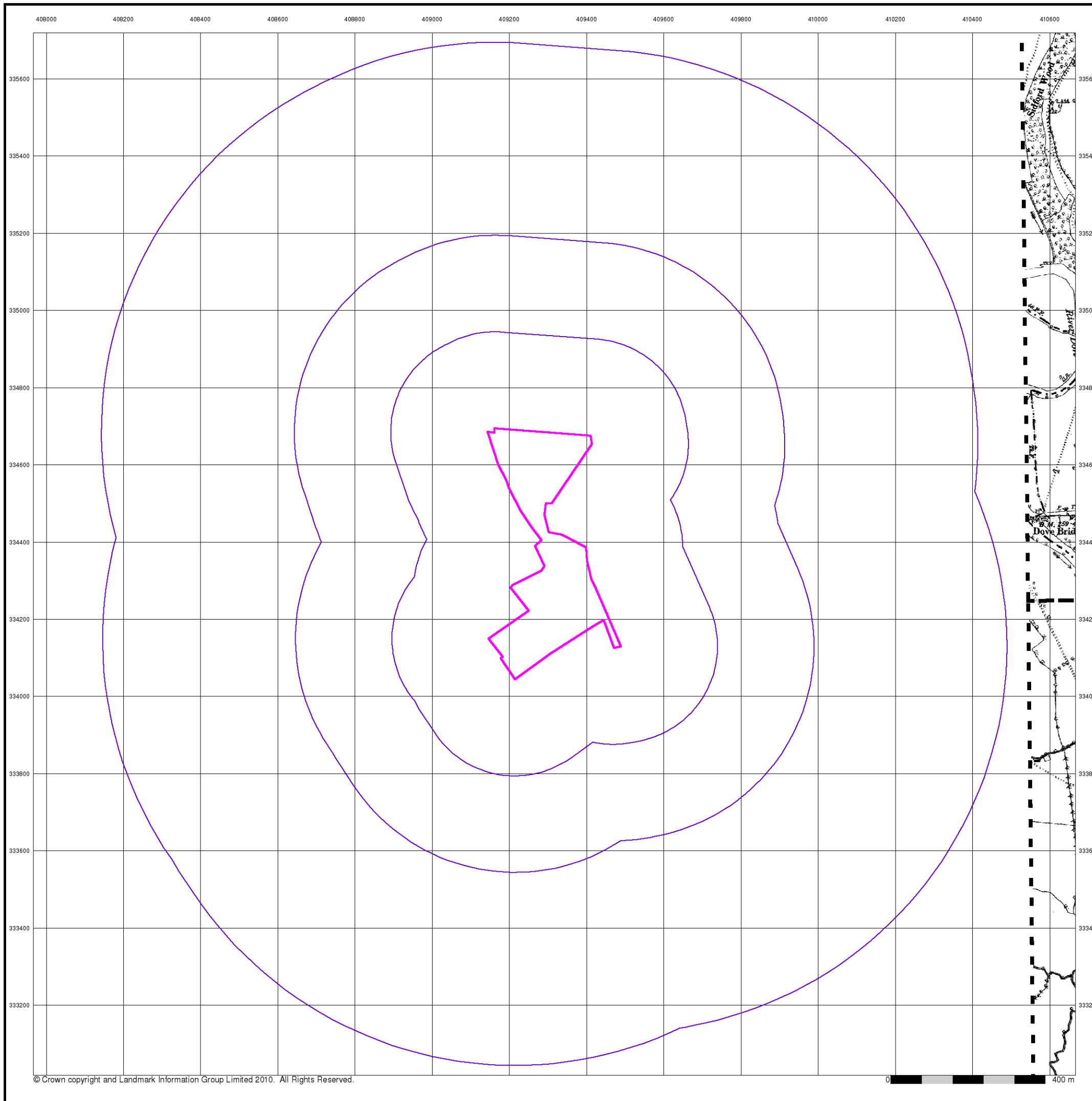
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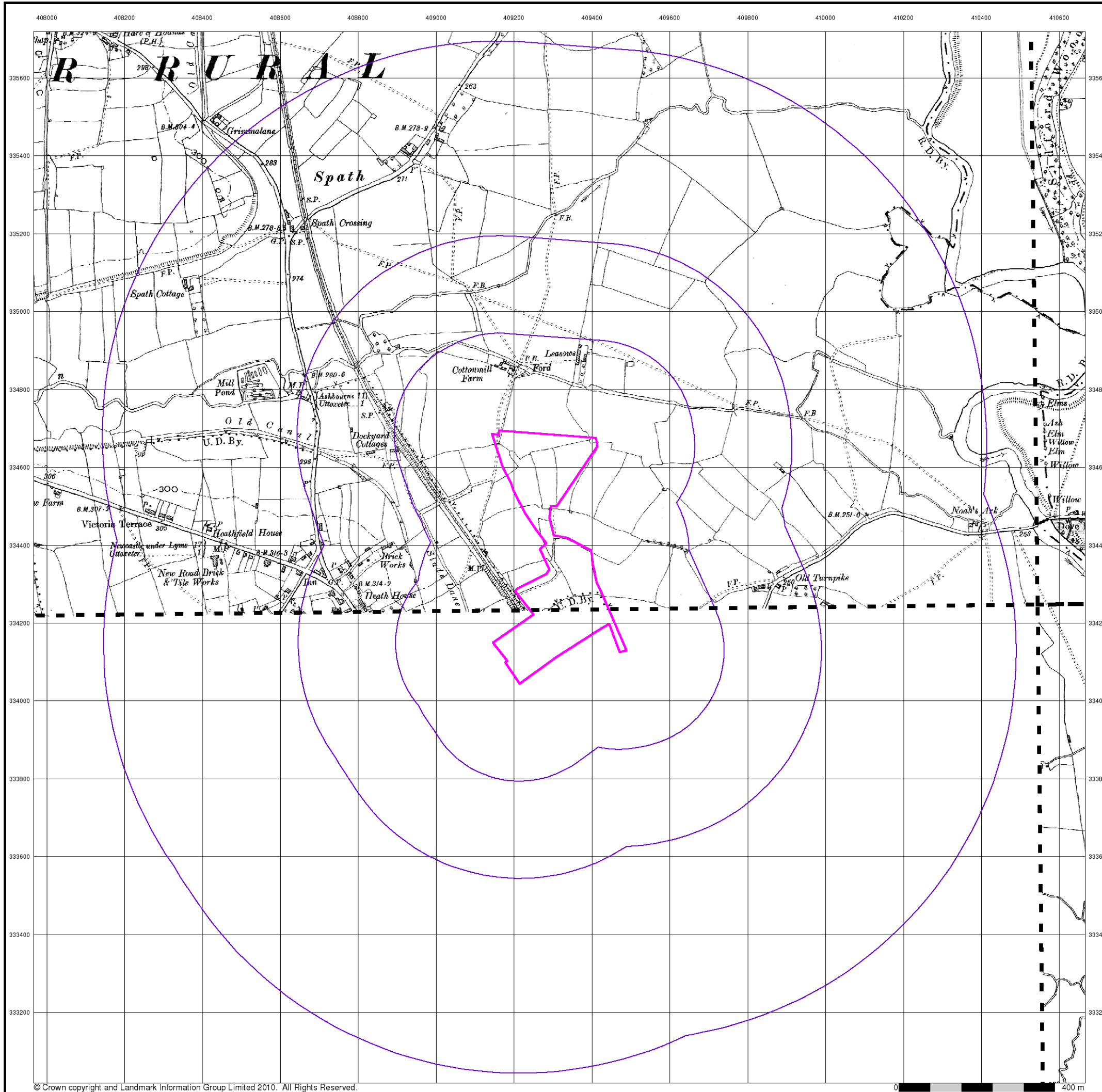
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Derbyshire

Published 1901

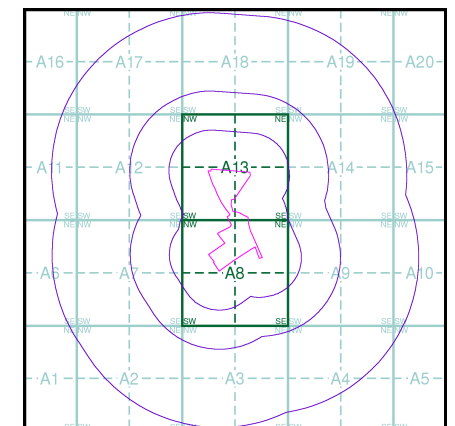
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

047SW 1901 1:10,560	047SE 1901 1:10,560
	052NE 1901 1:10,560

Historical Map - Slice A



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
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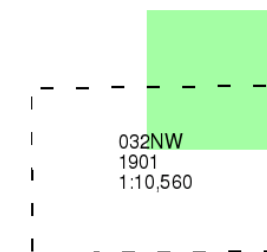
Staffordshire

Published 1901

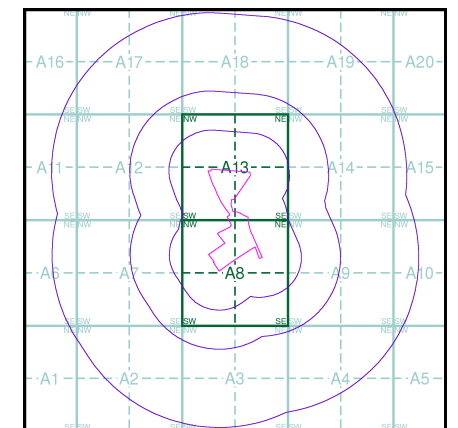
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

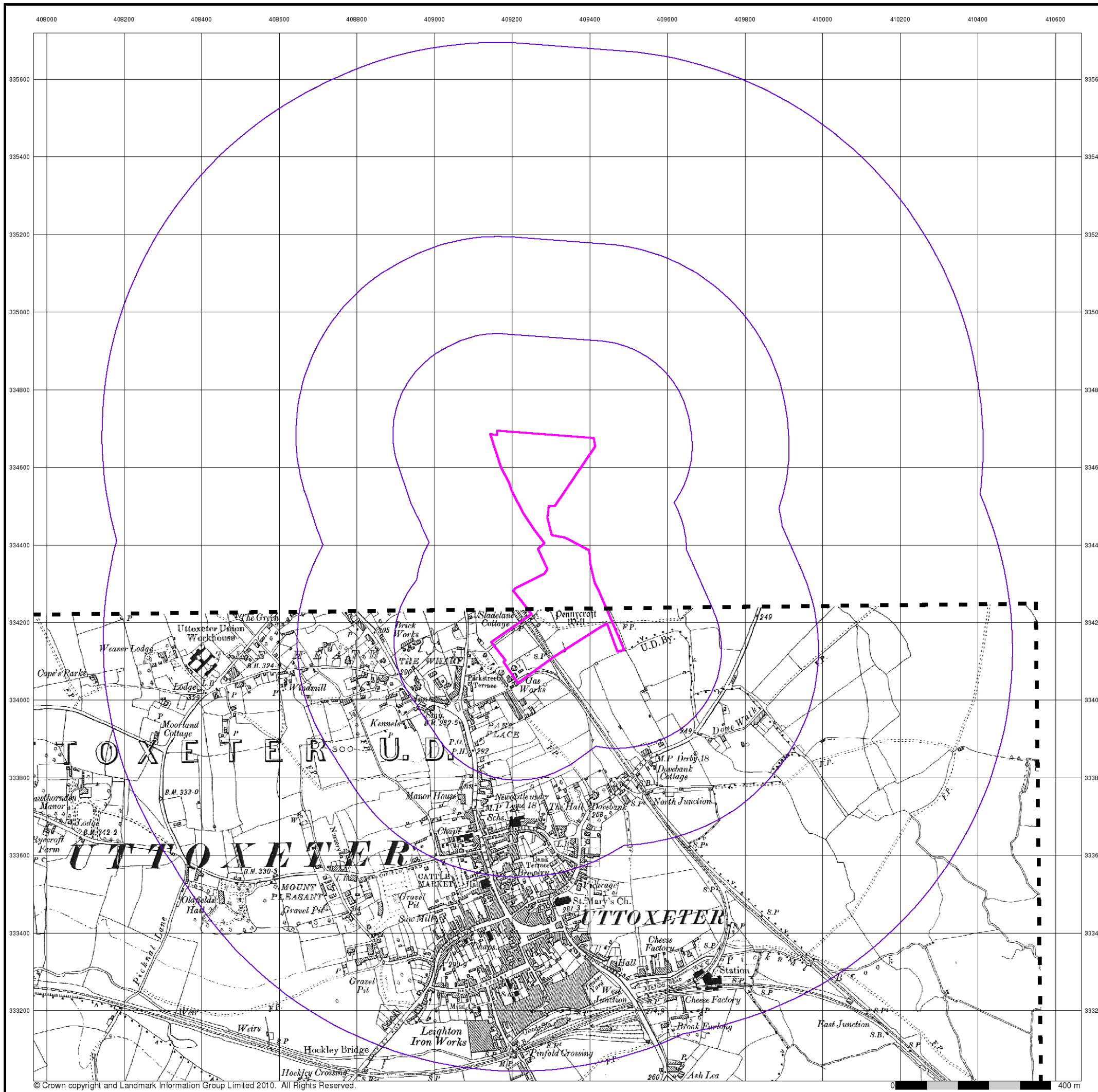
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 1000

Site Details

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CONSULTING

Derbyshire

Published 1924

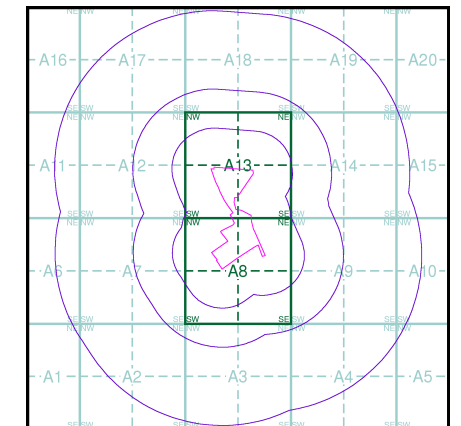
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

047SW	047SE
1924	1924
1:10,560	1:10,560
05200	
1924	
1:10,560	

Historical Map - Slice A



Order Details

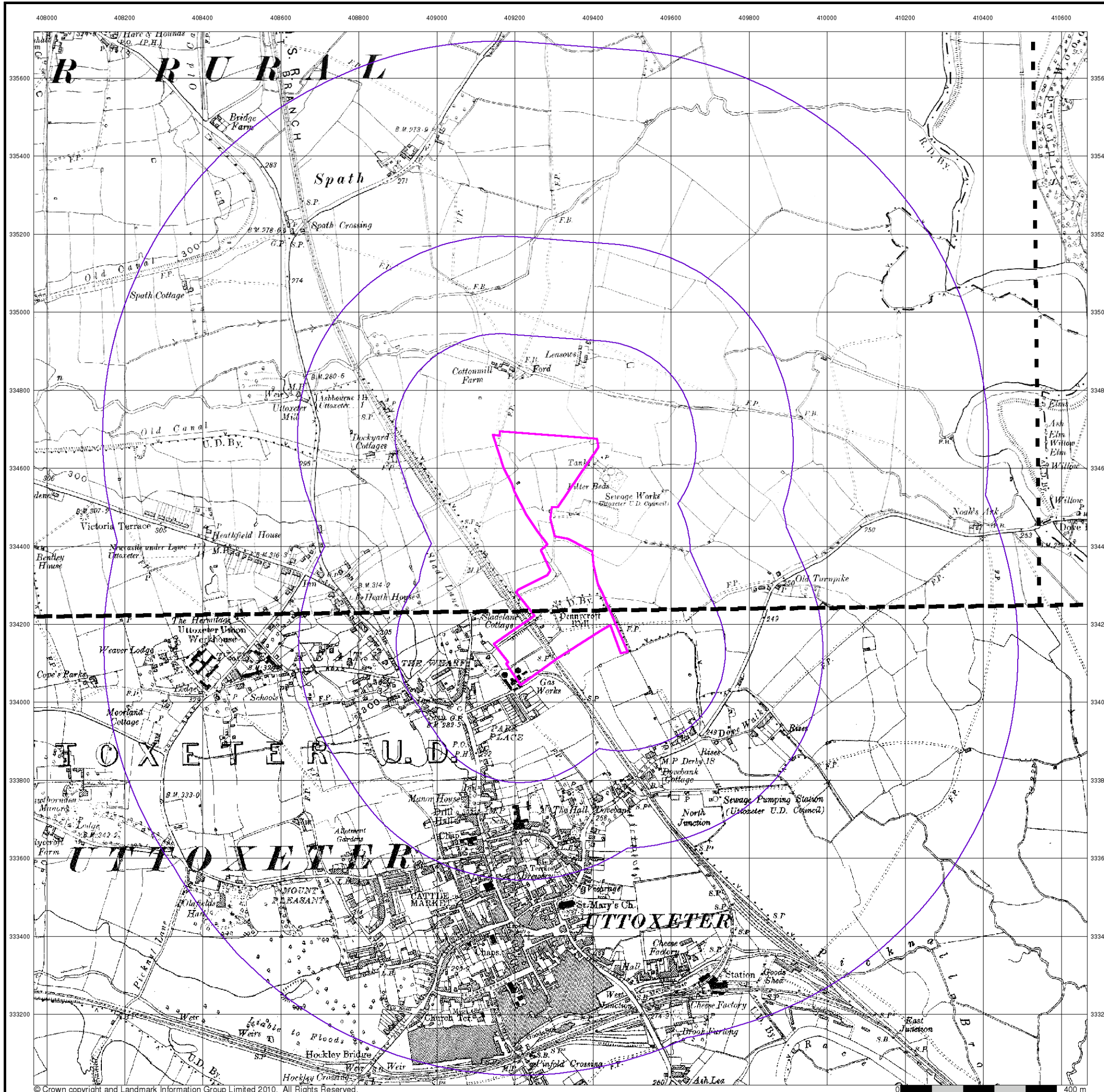
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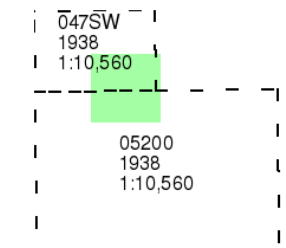
Derbyshire

Published 1938

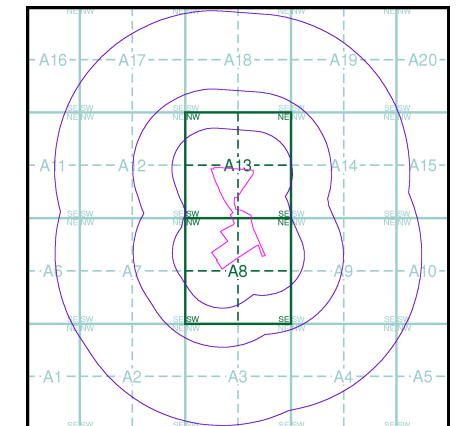
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

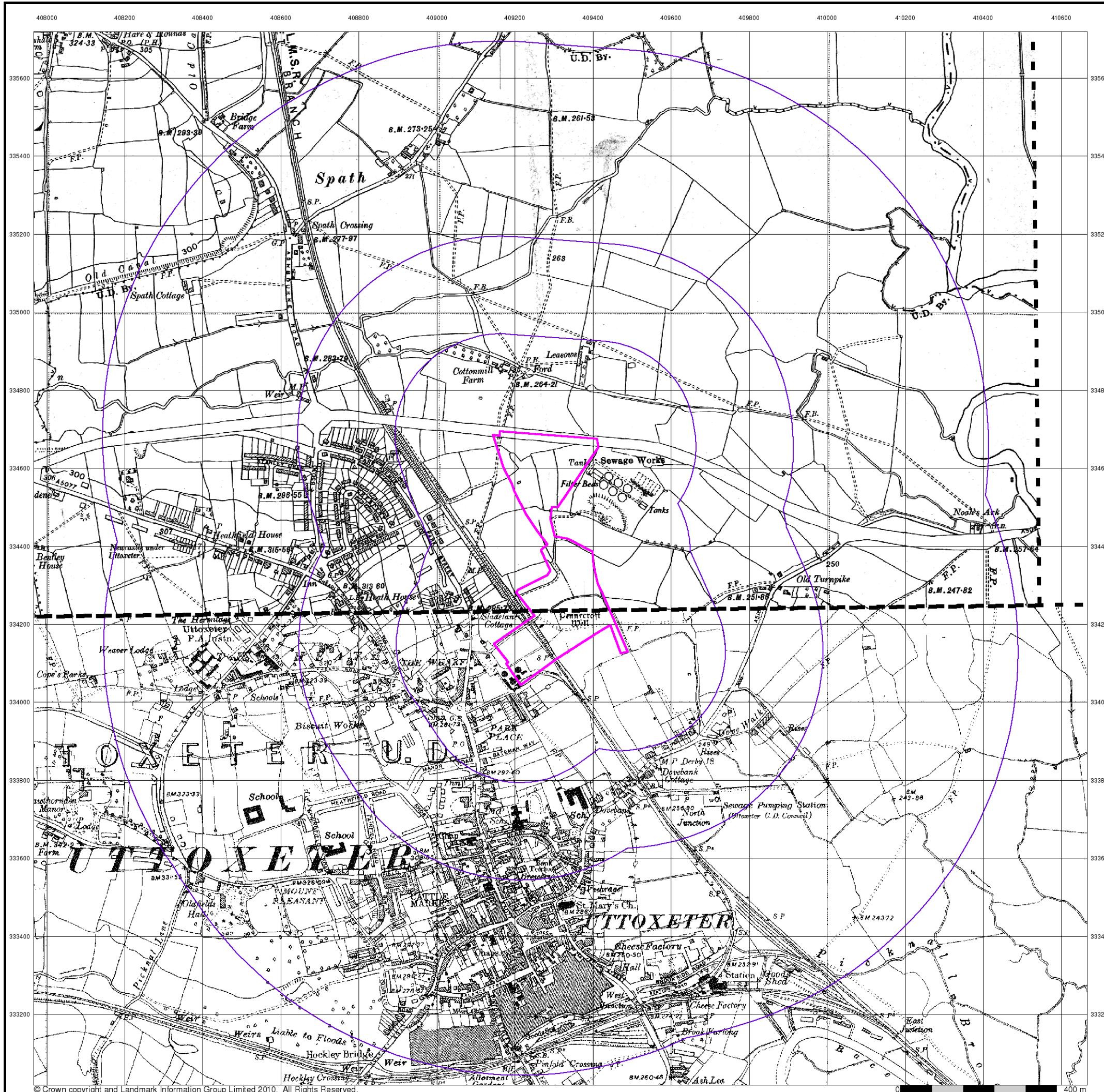
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
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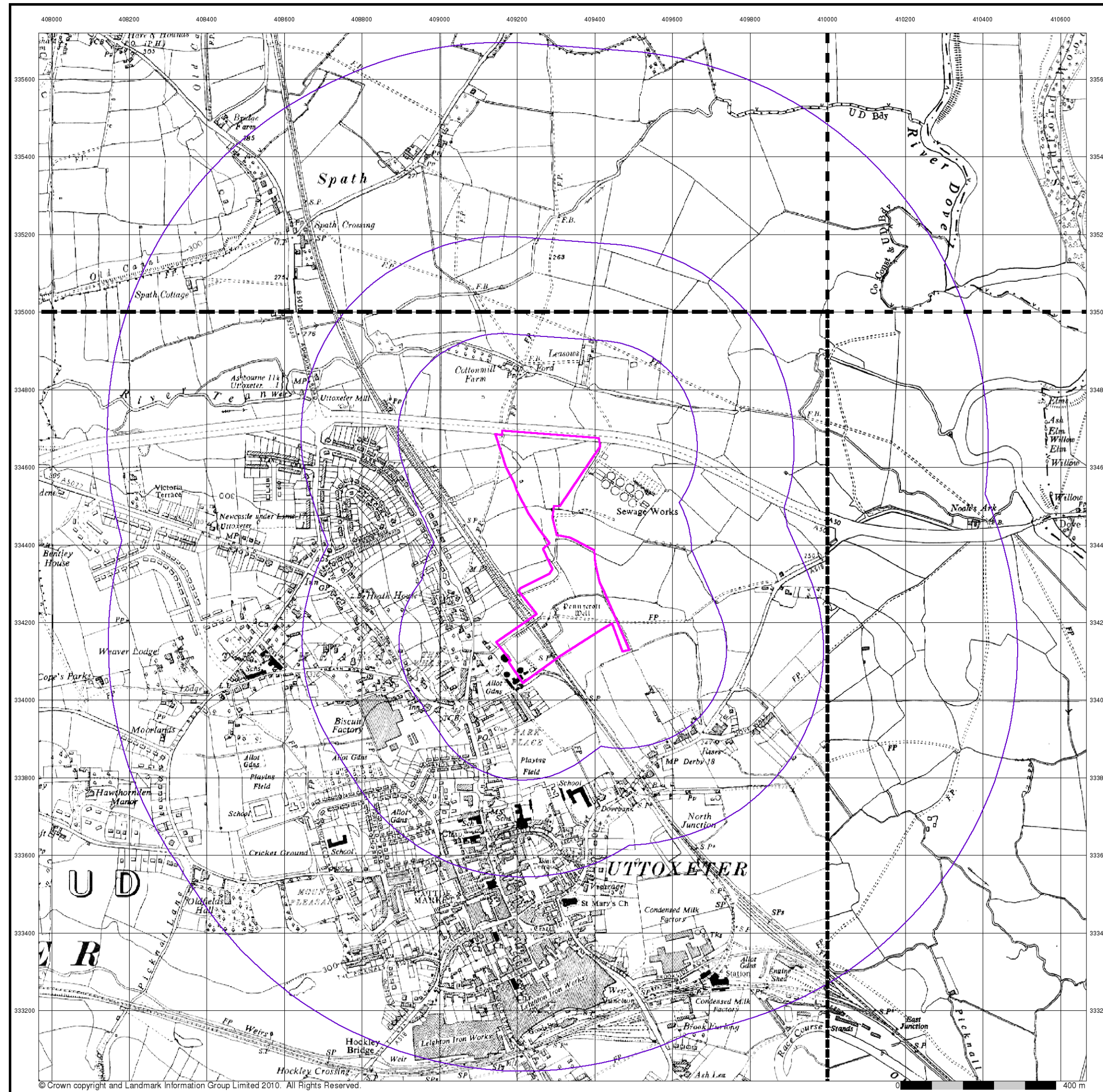
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CONSULTING

Ordnance Survey Plan

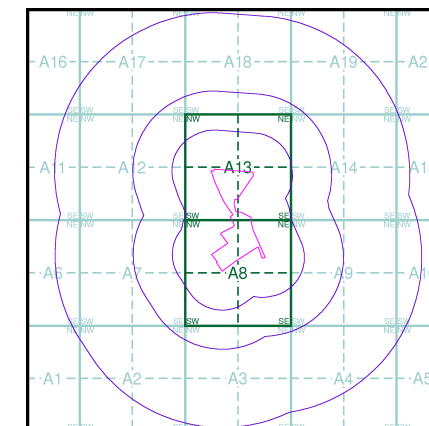
Published 1955
 Source map scale - 1:10,000

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)

SK03NE	SK13NW
1955	1955
1:10,560	1:10,560
SK03SE	SK13SW
1955	1955
1:10,560	1:10,560

Historical Map - Slice A



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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BWB

CONSULTING

Ordnance Survey Plan

Published 1971 - 1976

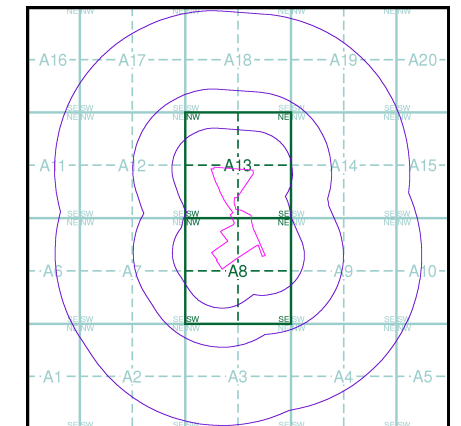
Source map scale - 1:10,000

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)

SK03NE	1976	1:10,000
SK03SE	1976	1:10,000
SK13SW	1971	1:10,560

Historical Map - Slice A



Order Details

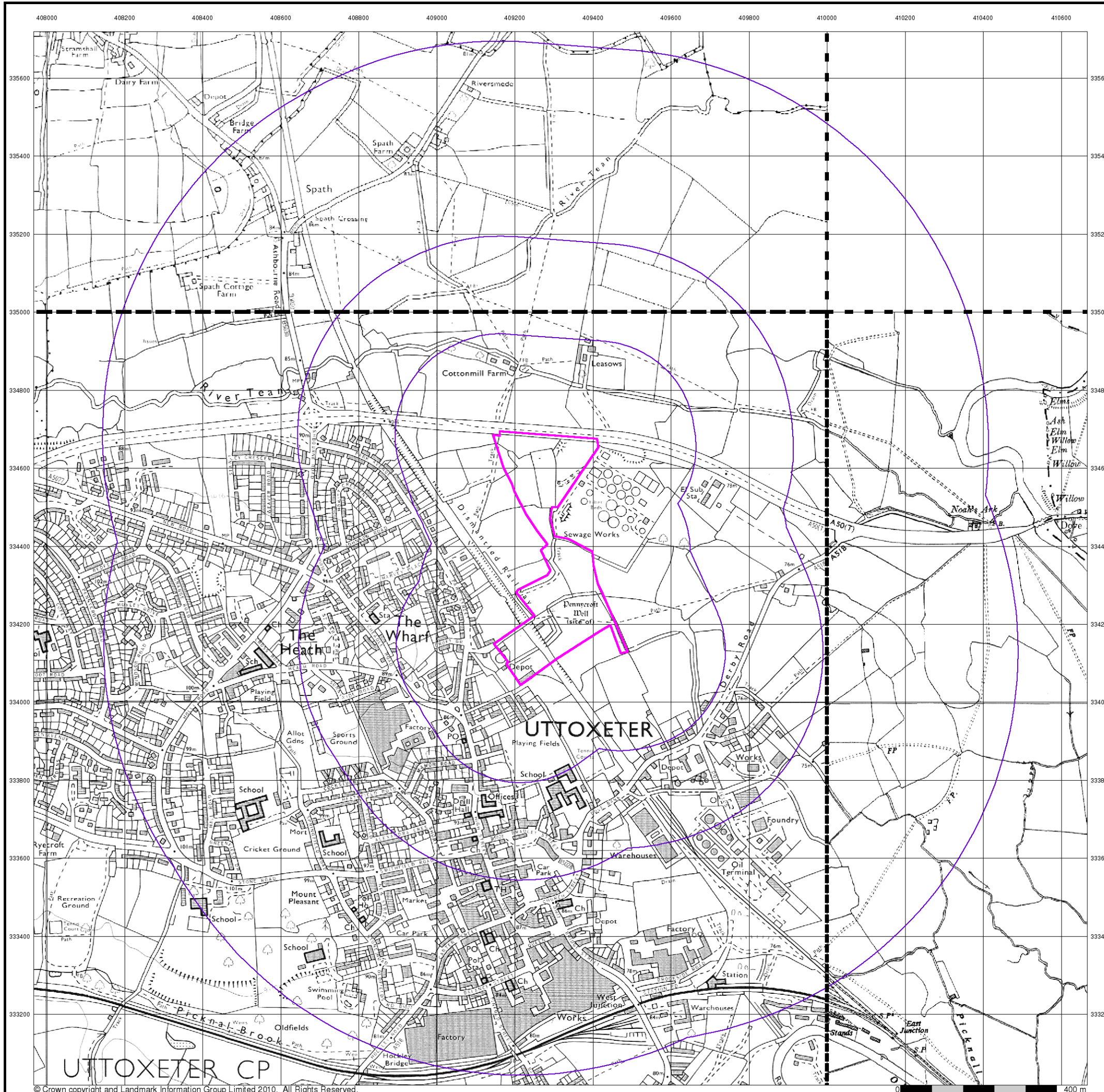
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1982

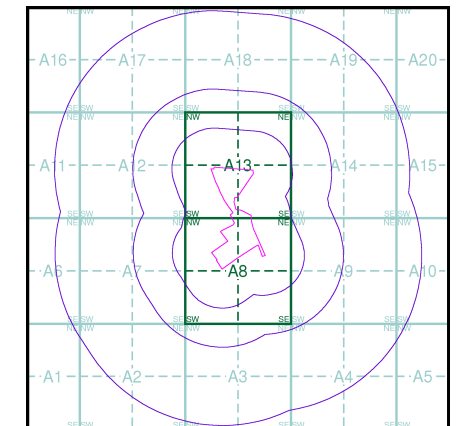
Source map scale - 1:10,000

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)

SK13NW	1982	1:10,000
SK13SW	1982	1:10,000

Historical Map - Slice A



Order Details

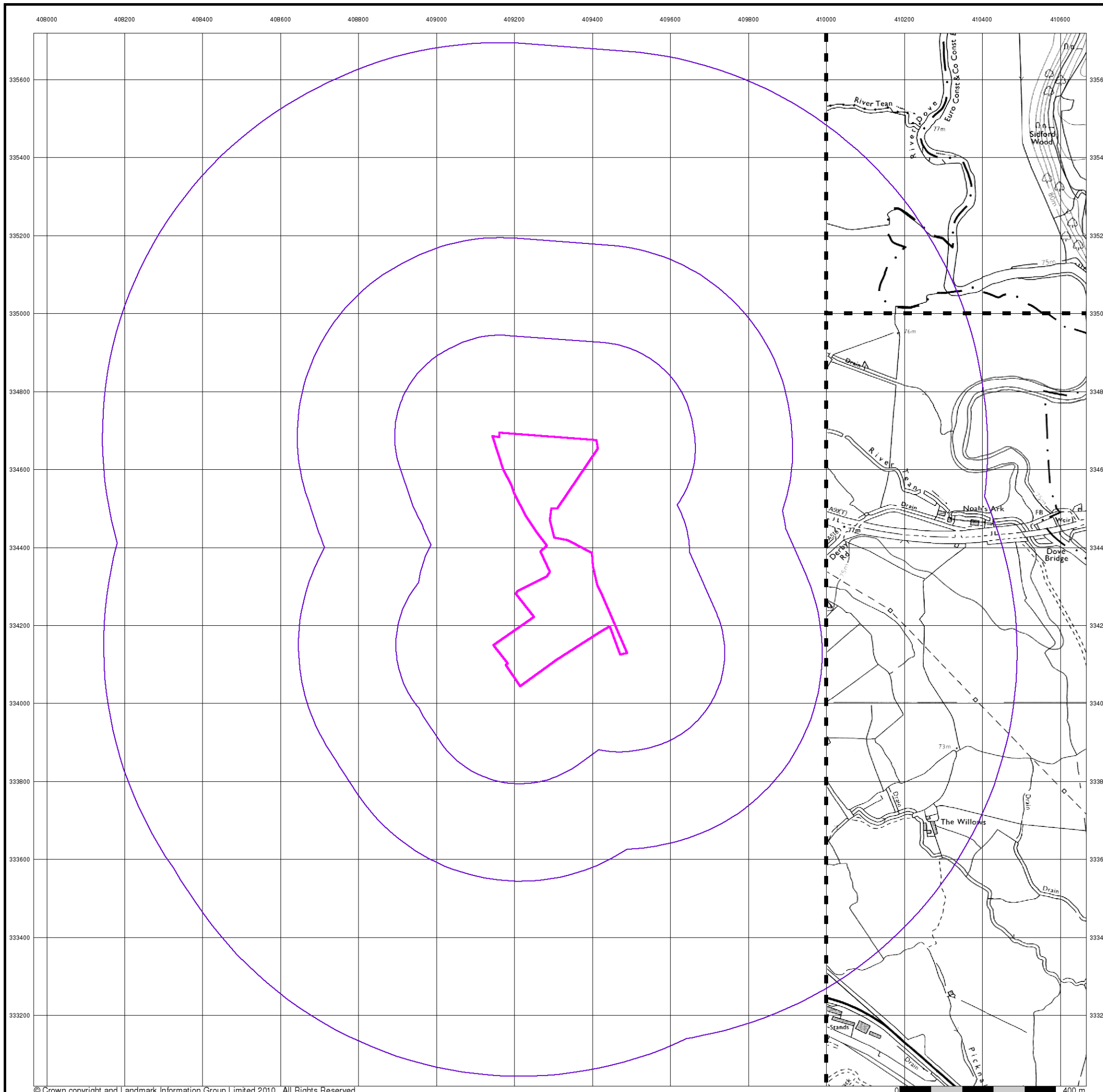
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

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Ordnance Survey Plan

Published 1990 - 1992

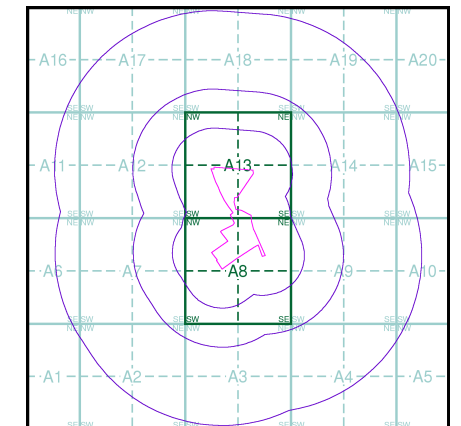
Source map scale - 1:10,000

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)

SK03NE 1992 1:10,000	SK13NW 1990 1:10,000
----------------------------	----------------------------

Historical Map - Slice A



Order Details

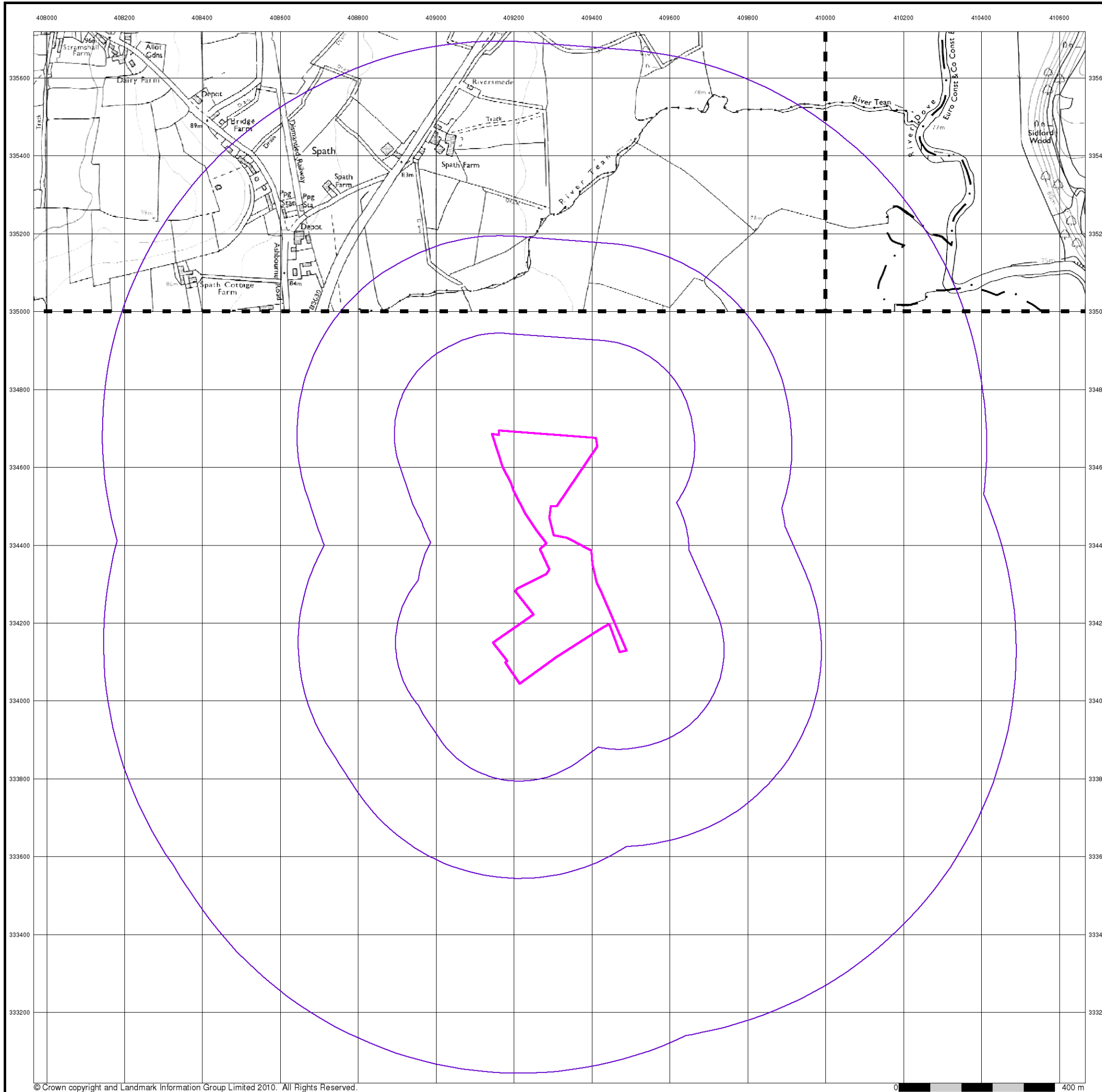
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

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CONSULTING 10k Raster Mapping

Published 2000

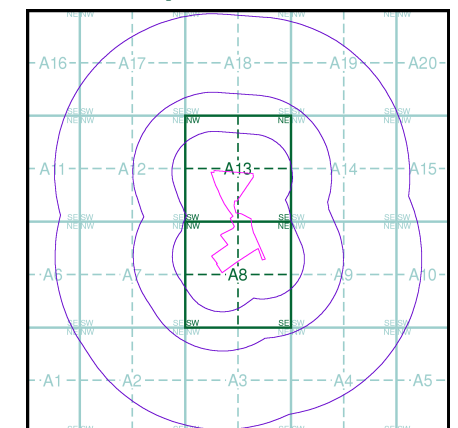
Source map scale - 1:10,000

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)

SK03NE	SK13NW
2000	2000
1:10,000	1:10,000
SK03SE	SK13SW
2000	2000
1:10,000	1:10,000

Historical Map - Slice A



Order Details

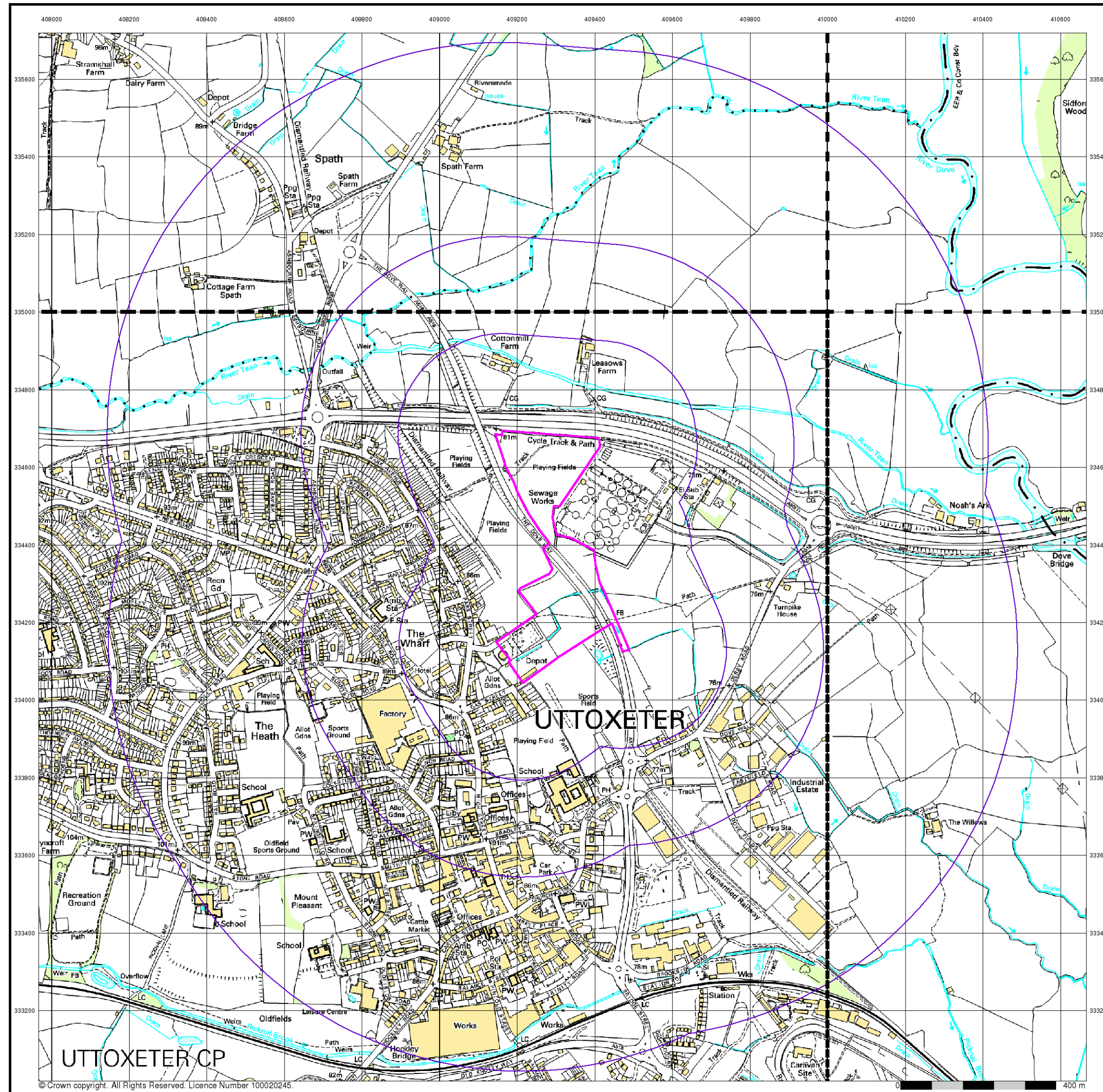
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
Information Group

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BWB

CONSULTING 10k Raster Mapping

Published 2006

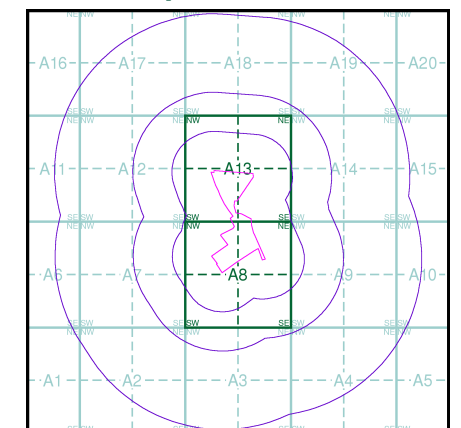
Source map scale - 1:10,000

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)

SK03NE	SK13NW
2006	2006
1:10,000	1:10,000
SK03SE	SK13SW
2006	2006
1:10,000	1:10,000

Historical Map - Slice A



Order Details

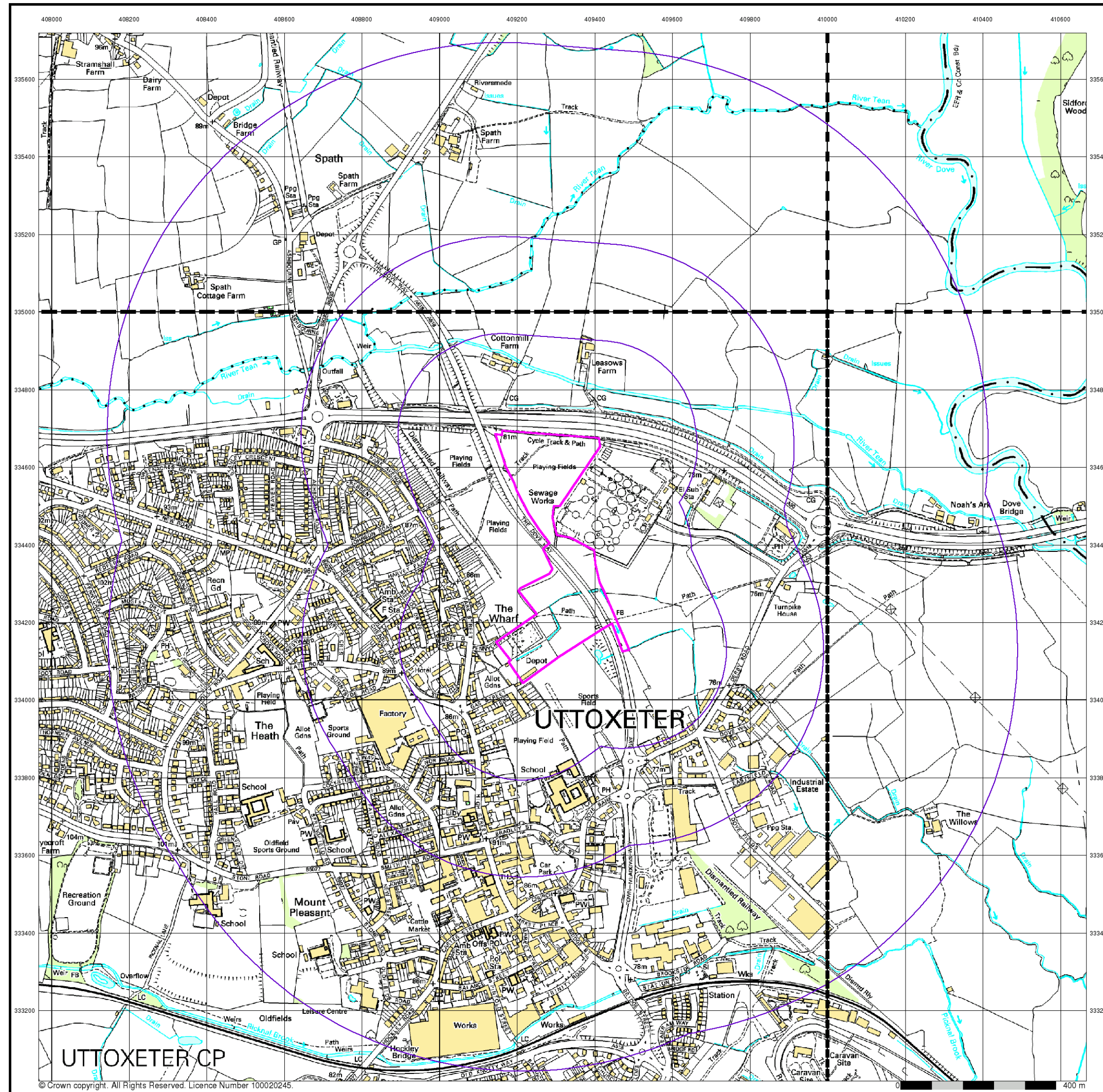
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
Information Group

Tel: 0844 844 9952
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BWB

CONSULTING 10k Raster Mapping

Published 2010

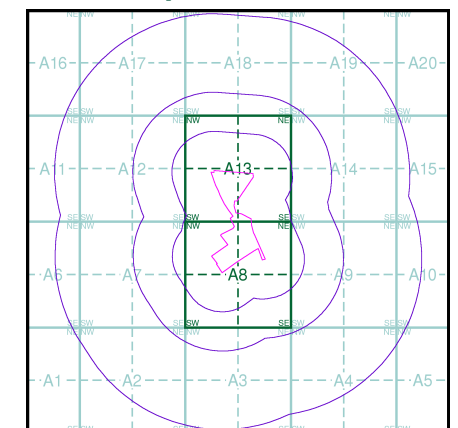
Source map scale - 1:10,000

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)

SK03NE	SK13NW
2010	2010
1:10,000	1:10,000
SK03SE	SK13SW
2010	2010
1:10,000	1:10,000

Historical Map - Slice A



Order Details

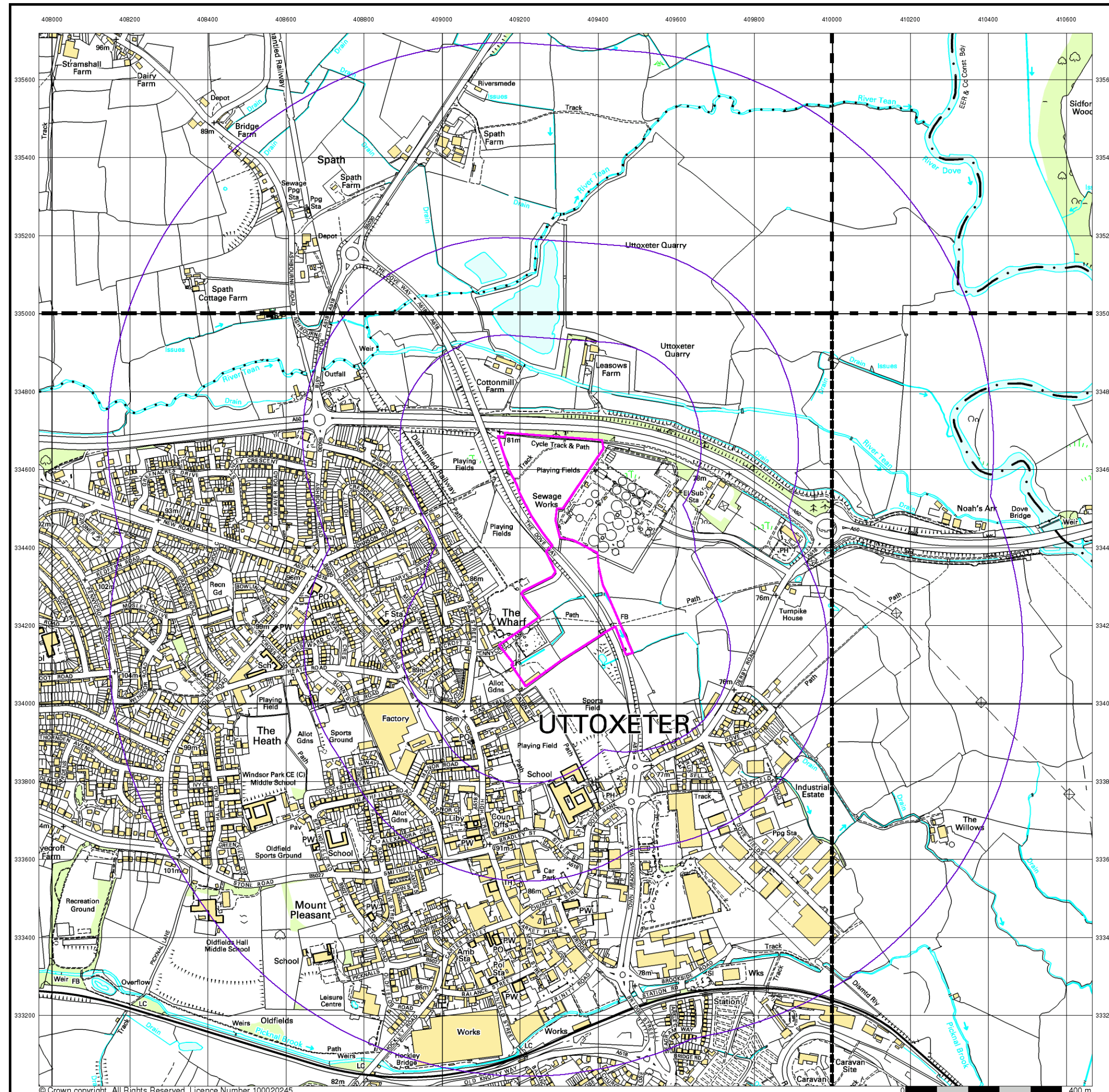
Order Number: 31645632_1_1
Customer Ref: NTE285
National Grid Reference: 409300, 334380
Slice: A
Site Area (Ha): 9.91
Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Landmark
Information Group

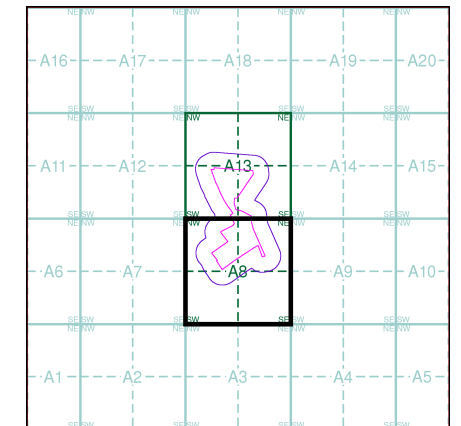
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



APPENDIX 4
ENVIROCHECK REPORT

- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Segment A8

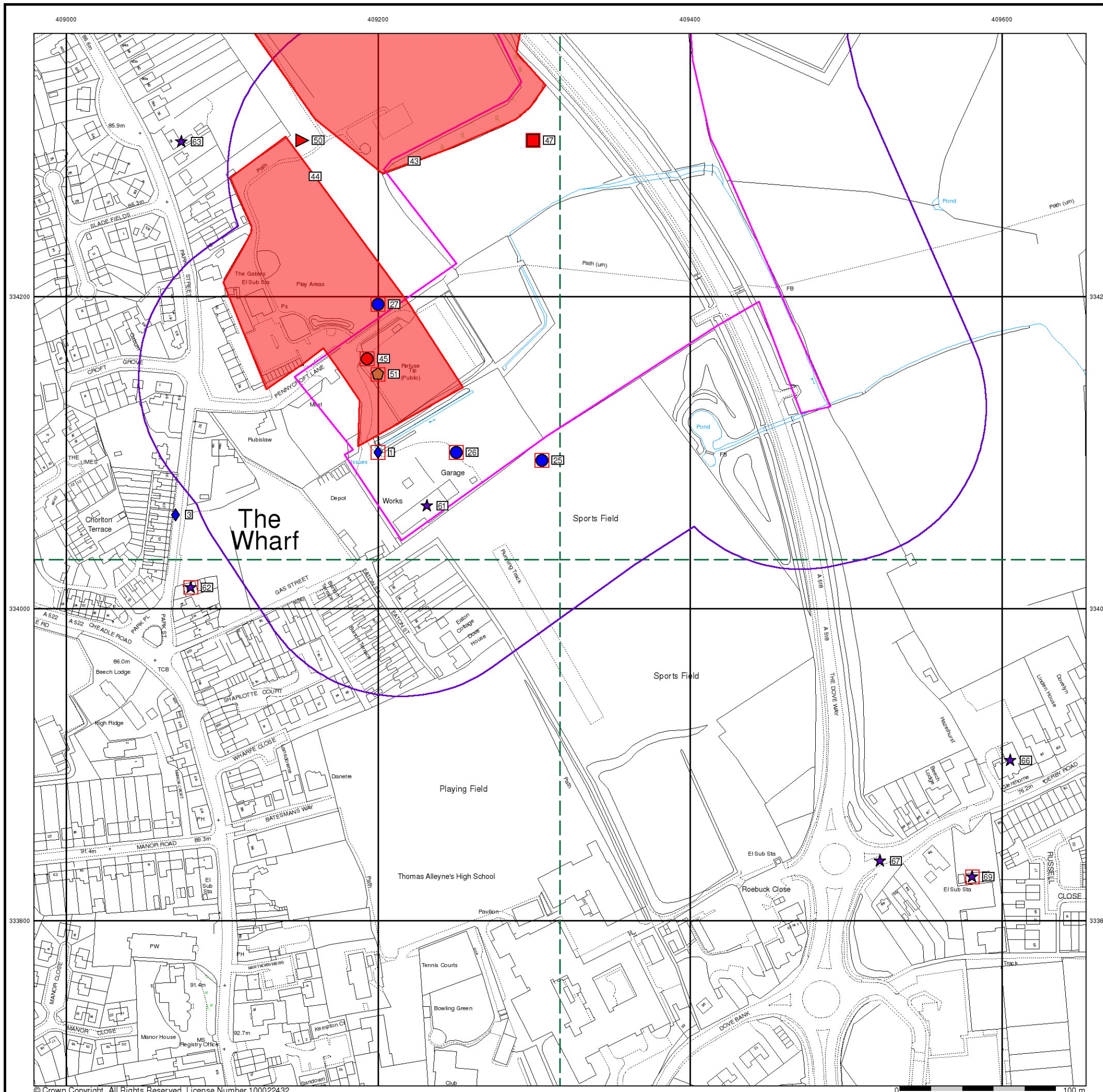


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Plot Buffer (m): 100

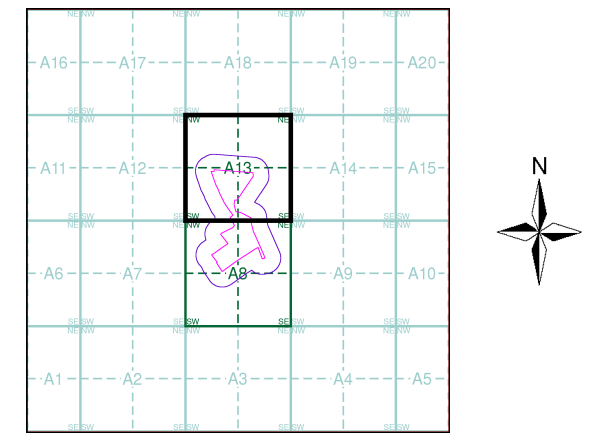
Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

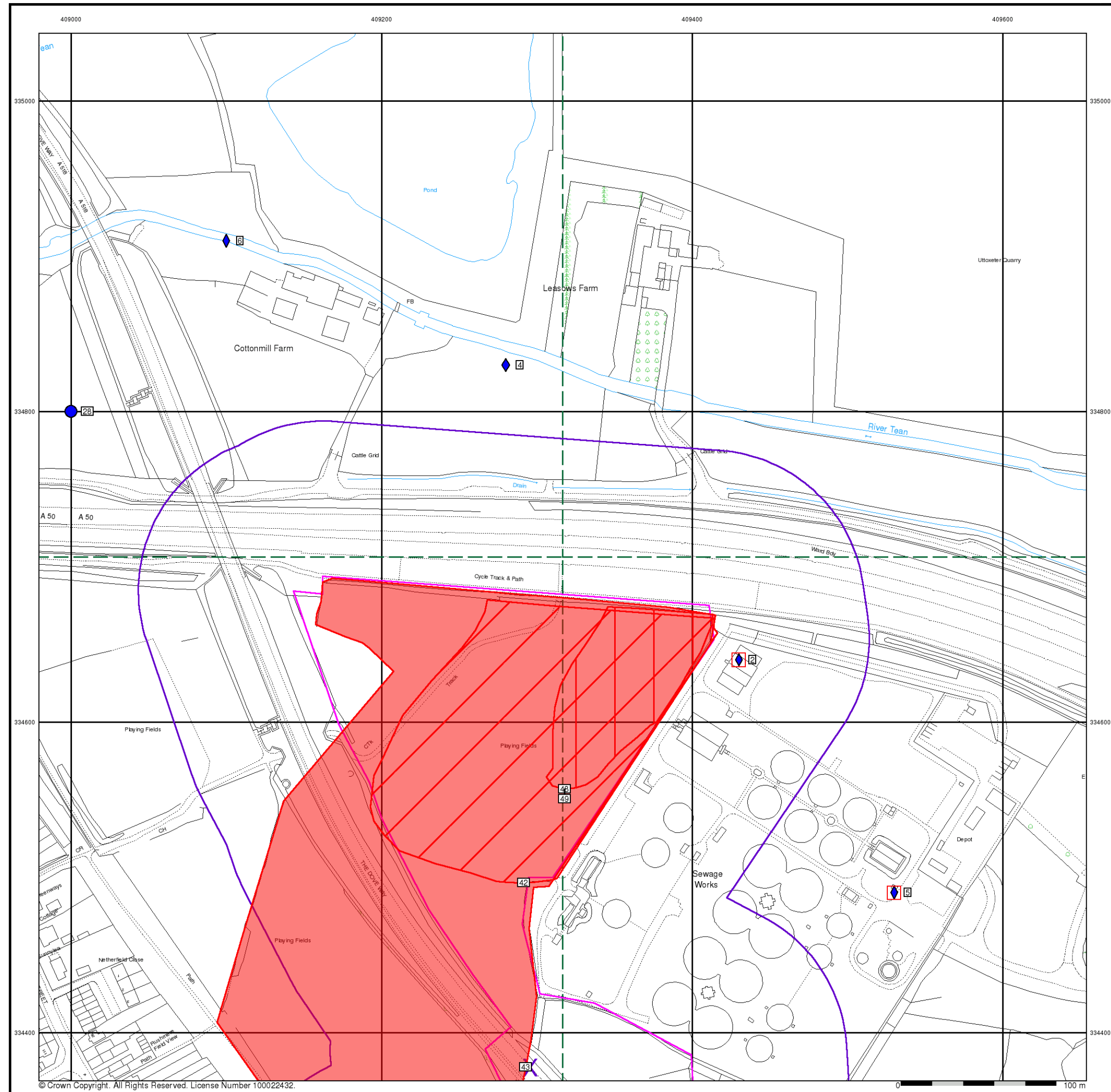
Site Sensitivity Map - Segment A13

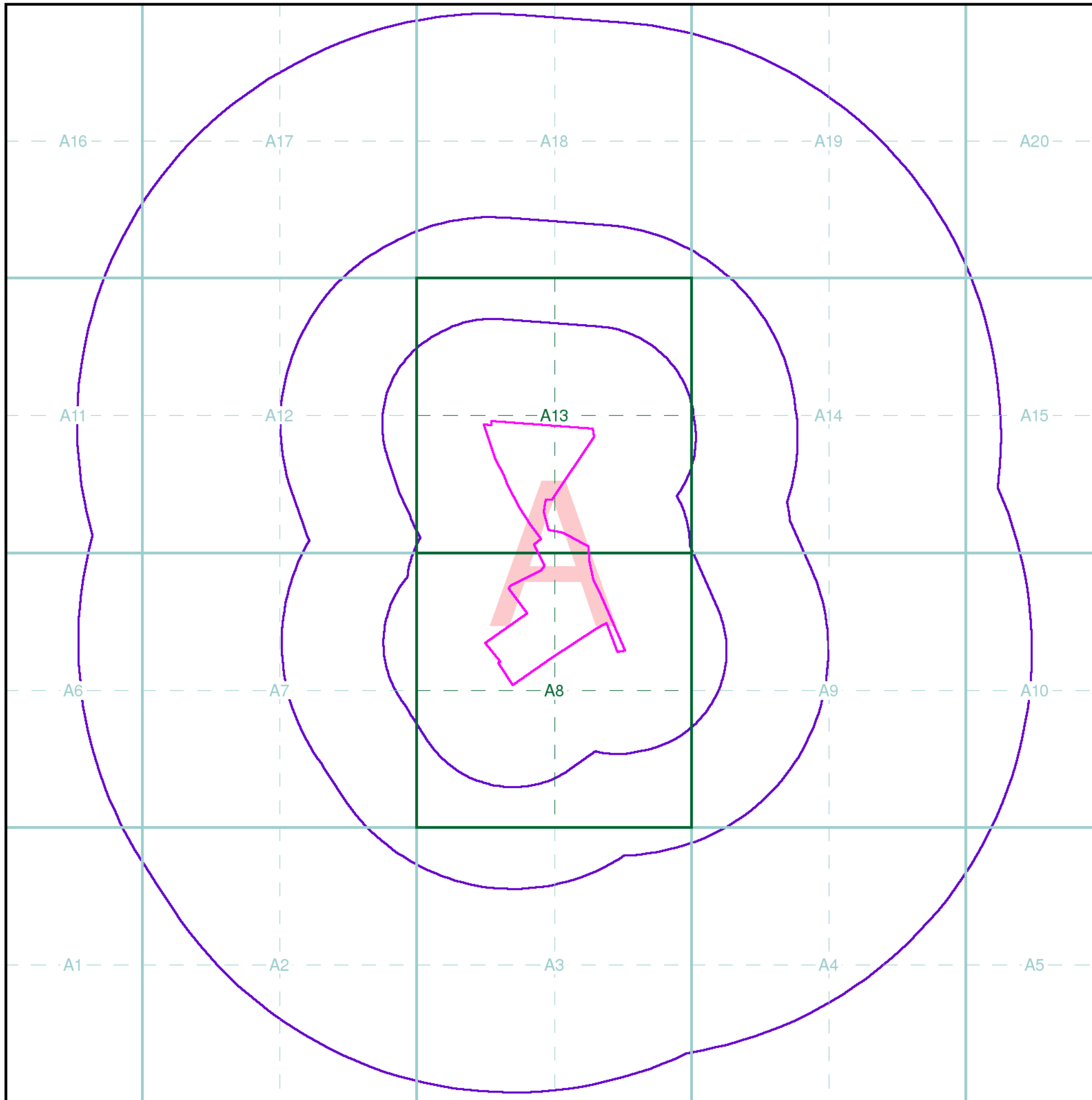


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Plot Buffer (m): 100

Site Details
 2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ





Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Ms R McCallum, BWB Consulting Ltd, 3-4 Kayes Walk, The Lace Market, Nottingham, Nottinghamshire, NG1 1PY

Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

31645632_1_1

Customer Reference:

NTE285

National Grid Reference:

409300, 334380

Slice:

A

Site Area (Ha):

9.91

Search Buffer (m):

1000

Site Details:

2 Dove Bank
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Staffordshire
ST14 8DZ

Client Details:

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BWB Consulting Ltd
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The Lace Market
Nottingham
Nottinghamshire
NG1 1PY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	20
Industrial Land Use	22
Sensitive Land Use	32
Data Currency	33
Data Suppliers	38
Useful Contacts	39

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 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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Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and the Health Protection Agency.

Report Version v47.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1	2	8	1	7
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 5		1	3	7
Local Authority Pollution Prevention and Control Enforcements	pg 7				1
Nearest Surface Water Feature	pg 7	Yes			
Pollution Incidents to Controlled Waters	pg 7	5	7	3	9
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 11	1			2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points	pg 12				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 12				(*4)
Water Industry Act Referrals	pg 13				1
Groundwater Vulnerability	pg 13	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 14	Yes		n/a	n/a
Flooding from Rivers or Sea without Defences	pg 14	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites	pg 15	1			
Historical Landfill Sites	pg 15	2			
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 15	3		2	
Local Authority Recorded Landfill Sites	pg 16	4			
Registered Landfill Sites	pg 17		1		
Registered Waste Transfer Sites	pg 17	2			
Registered Waste Treatment or Disposal Sites	pg 18			3	

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS Recorded Mineral Sites	pg 20			1	6
BGS 1:625,000 Solid Geology	pg 21	Yes	n/a	n/a	n/a
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Natural and Mining Cavities					
Potential for Collapsible Ground Stability Hazards				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Shallow Mining Hazards				n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 22	1	6	31	61
Fuel Station Entries	pg 30			3	2

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 32	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Pennycroft E. Staffs Dc Depot Storm O'Flow, Pennycroft Lane, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/32/21112/O Permit Version: 1 Effective Date: 30th January 1992 Issued Date: 30th January 1992 Revocation Date: 31st March 2003 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib (Ditch) Of River Tean Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	0	1	409200 334100
1	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: High Street/Manor Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/32/20997/O Permit Version: 1 Effective Date: 25th January 1992 Issued Date: 25th January 1992 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: The Wharf Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	0	1	409201 334101
2	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Uttoxeter Sewage Treatment Works, By Pass Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/36107/R Permit Version: 2 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dove Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NE)	21	1	409430 334640
2	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Uttoxeter Sewage Treatment Works, By Pass Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/36107/R Permit Version: 1 Effective Date: 8th March 2005 Issued Date: 8th March 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dove Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NE)	21	1	409430 334640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Park Street Storm Overflow, Park Street, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/32/30182/O Permit Version: 1 Effective Date: 13th September 1995 Issued Date: 13th September 1995 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Picknall Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	115	1	409070 334060
4	<p>Discharge Consents</p> <p>Operator: Aggregate Industries (UK) Limited Property Type: Extraction Of Stone, Gravel Etc. Location: Uttoxeter Quarry, Spath, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: River Tean Catchment Reference: T/32/36341/T Permit Version: 1 Effective Date: 17th November 2006 Issued Date: 17th November 2006 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: River Tean Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	145	1	409280 334830
5	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Uttoxeter Sewage Treatment Works, By Pass Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/36107/R Permit Version: 2 Effective Date: 1st January 2010 Issued Date: 14th October 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dove Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NE)	168	1	409530 334490
5	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Uttoxeter Sewage Treatment Works, By Pass Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/36107/R Permit Version: 1 Effective Date: 8th March 2005 Issued Date: 8th March 2005 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Dove Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NE)	168	1	409530 334490

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewage Disposal Works - Water Company Location: Uttoxeter Sewage Treatment Works, By Pass Road, Uttoxeter, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Upper Trent Catchment Reference: T/33/36107/R Permit Version: 1 Effective Date: 8th March 2005 Issued Date: 8th March 2005 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Crude Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: River Dove Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13SE (NE)	168	1	409530 334490
6	<p>Discharge Consents</p> <p>Operator: Aggregate Industries (Uk) Limited Property Type: Extraction Of Stone, Gravel Etc. Location: Uttoxeter Quarry, Spath, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: River Tean Catchment Reference: T/32/35640/T Permit Version: 1 Effective Date: 27th November 2001 Issued Date: 27th November 2001 Revocation Date: 16th November 2006 Discharge Type: Trade Discharge - Mineral Workings Discharge: Freshwater Stream/River Environment: Receiving Water: River Tean Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	225	1	409100 334910
7	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Spath Sewage Pumping Station, Near Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: River Tean Catchment Reference: T/32/07881/O Permit Version: 1 Effective Date: 7th December 1979 Issued Date: 7th December 1979 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Tean Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A12NE (NW)	395	1	408800 334880
8	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Sewers - Water Company Location: Dove Bank Road Storm Overflow, Dove Bank Road, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/21089/O Permit Version: 1 Effective Date: 13th January 1992 Issued Date: 13th January 1992 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Picknall Brook Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A3NE (SE)	541	1	409640 333610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	<p>Discharge Consents</p> <p>Operator: The East Midlands Electricity Property Type: Not Given Location: The 33/11 5Kv Primary Substation, Rear Of No 32 Church Street, UTTOXETER, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/33/1090/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 6th January 1969 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3NE (S)	575	1	409400 333500
10	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Dovefields Pumping Station Dovefields, Off Derby Road, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluene With Hilton Brook Reference: T/33/30183/O Permit Version: 1 Effective Date: 13th September 1995 Issued Date: 13th September 1995 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pennycroft Brook Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A9SW (SE)	577	1	409940 333770
11	<p>Discharge Consents</p> <p>Operator: A I Properties Limited Property Type: Domestic Property (Single) Location: Spath Cottage Spath, Uttoxeter, Staffs, Staffs, St14 5ap Authority: Environment Agency, Midlands Region Catchment Area: River Tean Catchment Reference: Npswqd004408 Permit Version: 1 Effective Date: 26th September 2008 Issued Date: 26th September 2008 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary Of River Tean Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A17SE (N)	719	1	408951 335381
12	<p>Discharge Consents</p> <p>Operator: Paragon Travel Limited Property Type: Undefined Or Other Location: Omnibus Parking Ground Ashbourne Road, Spath, Nr Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: River Tean Catchment Reference: T/32/01619/T Permit Version: 1 Effective Date: 19th May 1966 Issued Date: 19th May 1966 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Tean Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	749	1	408600 335200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<p>Discharge Consents</p> <p>Operator: Creamery Manager Property Type: Not Given Location: Milk Marketing Board , Uttoxeter Dairy Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: T361/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 4th July 1956 Revocation Date: Not Supplied Discharge Type: Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Picknal Brook Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A3SE (S)	836	1	409600 333300
14	<p>Discharge Consents</p> <p>Operator: Severn Trent Water Limited Property Type: Undefined Or Other Location: Sewage Disposal Works, Uttoxeter, Staffordshire Authority: Environment Agency, Midlands Region Catchment Area: Dove Catchment To Confluence With Hilton Brook Reference: Dt/8164 Permit Version: 1 Effective Date: 28th May 1963 Issued Date: 28th May 1963 Revocation Date: 1st March 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Picknal Brook Status: Application refused - 1961 Rivers (Prevention of Pollution) Act Positional Accuracy: Located by supplier to within 100m</p>	A4NE (SE)	949	1	410200 333500
15	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Angus Mackinnon Location: Derby Road, Uttoxeter, St14 8eg Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: Ep 065 Dated: 31st March 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A9SW (SE)	240	2	409697 334010
16	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Fryers of Uttoxeter Location: Derby Road, UTTOXETER, Staffordshire, ST14 8EG Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PG6/34(92)/001 Dated: 17th September 1993 Process Type: Local Authority Air Pollution Control Description: Part B - General Coating Process (No Specific Reference) Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	298	2	409723 333944
17	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Uttoxeter Service Station Location: A50/B5030 Junction, Ashbourne Road, UTTOXETER, Staffordshire, ST14 5AA Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PPC 001 Dated: 5th December 1997 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	385	2	408767 334761
18	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Uttoxeter Ready Mixed Concrete Location: Dovefield Industrial Estate, UTTOXETER, Staffordshire, ST14 8HR Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PG3/1(95)003 Dated: 30th September 1998 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned within the geographical locality</p>	A9SW (SE)	485	2	409746 333718

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Tesco Stores Ltd Location: Brookside Road, Town Meadows Way, UTTOXETER, Staffordshire, ST14 8AU Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: EP 004-R1 Dated: 15th September 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location</p>	A3NE (S)	589	2	409522 333539
20	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Perry'S Dry Cleaners Ltd Location: 21 Market Place, Uttoxeter, Staffordshire, ST14 8HY Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PPC 057 Dated: 18th October 2007 Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m</p>	A3NW (S)	640	2	409241 333405
21	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Angus Mackinnon Location: 56 Bridge Street, UTTOXETER, Staffordshire, ST14 8A Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PG1/1(93)/005 Dated: 21st May 1993 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A3NE (S)	674	2	409385 333392
22	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Staffordshire Castings Ltd Location: Unit 12 And 14, Brookside Business Park, Brookside Road, UTTOXETER, Staffordshire, ST14 8AU Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PG2/4(91)006 Dated: 8th March 1993 Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A4NW (S)	760	2	409677 333394
23	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Jcb Special Products Ltd Location: Bamford Works, Pinfold Street, UTTOXETER, Staffordshire, ST14 8TL Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: Pg6/23(93)005 Dated: 30th September 1993 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorisation revokedRevoked Positional Accuracy: Manually positioned to the address or location</p>	A3SW (S)	906	2	409079 333149
23	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Aldridge Fabrications LtdJcb Heavy Products Ltd Location: Bamford Works, Pinfold Street, UTTOXETER, Staffordshire, ST14 8TL Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: Ppc 023 Dated: 6th August 1998 Process Type: Local Authority Pollution Prevention and Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorisation revokedRevoked Positional Accuracy: Automatically positioned to the address</p>	A3SW (S)	914	2	409072 333142
23	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Jcb Heavy Products Ltd Location: Bamford Works, Pinfold Street, UTTOXETER, Staffordshire, ST14 8BL Authority: East Staffordshire Borough Council, Environmental Health Department Permit Reference: PPC 041-V1 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</p>	A3SW (S)	951	2	409099 333100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Local Authority Pollution Prevention and Control Enforcements Location: Bamford Works, Pinfold Street, UTTOXETER, Staffordshire, ST14 8TL Type: Air Pollution Control Enforcement Notice Reference: PG6/23(92)/002 V1-E3 Date Issued: 10th July 1996 Enforcement Date: Not Supplied Details: Breach Of Condition 4.6 - Results Of Non-Continuous Emission Testing To Be Forwarded Positional Accuracy: Located by supplier to within 10m	A3SW (S)	951	2	409099 333100
	Nearest Surface Water Feature	A8NE (SE)	0	-	409386 334279
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Upstream Of Fryers, UTTOXETER, Staffordshire, ST Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Uttoxeter Brook; Sewage In Water; Amenity Affected; Incident Date: 23rd July 1999 Incident Reference: 2706019 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8NW (S)	0	1	409255 334095
25	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: Penntcroft Lane, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Silty Material In Base Of Channel; Other Adverse Effects Incident Date: 7th March 1996 Incident Reference: 2700131 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	4	1	409300 334100
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: Penny Lane, Croft, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Blocked Foul Sewer Overflow; Other Adverse Effects Incident Date: 29th January 1998 Incident Reference: 2703136 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	9	1	409300 334095
25	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: Penny Croft Lane, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Crude Sewage Overflow Operating - East Staffordshire Bourough Council In Attendance; Other Adverse Effects Incident Date: 10th January 1998 Incident Reference: 2002333 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	11	1	409305 334095
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Storm Sewage Note: Amenity Affected; Fungal Growth & Sewage Debris In Watercourse Incident Date: 20th October 1998 Incident Reference: 2704606 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	0	1	409205 334105

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Watercourse Grey Foaming & Smells; Amenity Effected Incident Date: 11th June 1997 Incident Reference: 2702648 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Weather Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	0	1	409205 334100
26	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: Pennycroft Overflow, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Overflowing; Other Adverse Effects Incident Date: 10th January 1996 Incident Reference: 2700498 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	0	1	409250 334095
26	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Unknown Location: UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Organic Wastes: Other Suspended Solids Note: Grey Scum And Bright Copper Colour; Other Adverse Effects Incident Date: 6th November 1995 Incident Reference: 1700896 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (S)	0	1	409250 334100
27	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Penny Croft Lane, UTTOXETER, Staffordshire, ST14 Authority: Environment Agency, Midlands Region Pollutant: Other Sewage Note: Uttox Brook; Running Grey Sewage & Fungus; Amenity Affected; Incident Date: 28th July 1999 Incident Reference: 2706048 Catchment Area: Trent Catchment : Lower Dove Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A8NW (SW)	5	1	409205 334195
27	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Dove Walk, The Willows Farm, UTTOXETER, Staffordshire, ST Authority: Environment Agency, Midlands Region Pollutant: Other Sewage Note: Uttoxeter Brook; White Detergent Like Foam In Brook; Amenity Affected; Incident Date: 30th July 1999 Incident Reference: 2706044 Catchment Area: Trent Catchment : Lower Dove Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	8	1	409200 334195
27	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: Council Depot, Pennycroft Lane, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Sewage Debris/Litter Note: Other Adverse Effects; Sewage From Outfall Going To Brook Course Incident Date: 23rd January 1997 Incident Reference: 2702359 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NW (SW)	12	1	409200 334200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: By Pass Where It Crosses The River, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Other Affected; Excavation Work Causing Discolouration To River Incident Date: 11th September 1998 Incident Reference: 2704933 Catchment Area: Trent Catchment : River Tean Receiving Water: Watercourse Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	184	1	409000 334800
29	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: Derby Road, UTTOXETER, Staffordshire, ST14 Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Uttoxeter Brook; Sewage In Brook; Amenity Affected; Incident Date: 10th September 1999 Incident Reference: 2706274 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Wrong Connection Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A9SW (SE)	312	1	409700 333900
30	Pollution Incidents to Controlled Waters Property Type: Construction Location: A50 By-Pass Near Roundabout, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Esso Digging Holes And Pumping Dirty Water-Drains; Other Adverse Effects Incident Date: 13th November 1997 Incident Reference: 2703107 Catchment Area: Trent Catchment : River Tean Receiving Water: Watercourse Cause of Incident: Ineffective Pumping Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SE (NW)	444	1	408700 334700
31	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Carter Road, Londis Newsagents, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Petrol Note: Unknown; 1 Litre Of Petrol Incident Date: 4th February 1999 Incident Reference: 2705330 Catchment Area: Trent Catchment : River Tean Receiving Water: Not Given Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A7NE (W)	450	1	408700 334200
32	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Combined Sewer Overflow Location: Dove Bank Overflow, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Discharge Of Cattle Manure; Other Adverse Effects Incident Date: 4th January 1996 Incident Reference: 2700388 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3NE (SE)	563	1	409650 333590
33	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: High Street, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Petrol Note: No Adverse Effects; 16 Gallons Petrol Leaked To Street Incident Date: 28th September 1996 Incident Reference: 2001314 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Not Given Cause of Incident: Leaking Tank Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3NW (S)	686	1	409260 333360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	Pollution Incidents to Controlled Waters Property Type: Road (Road Traffic Accident) Location: Stevensons Garage, Rocester Road, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Gas Oil Note: 15 & Gallons Diesel Lost During Tank Filling; Other Adverse Effects Incident Date: 16th March 1998 Incident Reference: 2703216 Catchment Area: Trent Catchment : River Tean Receiving Water: Not Given Cause of Incident: Overflowing During Delivery Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	746	1	408600 335195
35	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Overnight Truckers Carpark, Trinity Road, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Rubble/Litter Or Solids Note: Picknall Brook; Problem With Gypsies Throwing Rubbish In The Brook; Amenity Effected Incident Date: 20th November 1997 Incident Reference: 2703010 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3SE (S)	781	1	409450 333300
36	Pollution Incidents to Controlled Waters Property Type: Domestic/Residential Location: Marchington Road, Upstream Of, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Waste Oil Note: Other Adverse Effects; Picknall Brook; Oil On Brook Incident Date: 13th January 1997 Incident Reference: 2702346 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3SE (S)	864	1	409400 333200
37	Pollution Incidents to Controlled Waters Property Type: Engineering Location: Alongside Railway Station, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Diesel (Including Agricultural) Note: Hockley Brook; Diesel In Brook Incident Date: 18th April 1999 Incident Reference: 2003473 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Other Incident/Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A3SE (S)	891	1	409500 333200
38	Pollution Incidents to Controlled Waters Property Type: Construction Location: Behind Bridge Street Industrial Estate, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Waste Oil Note: Diesel; Other Adverse Effects Incident Date: 2nd February 1996 Incident Reference: 2700322 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: In River Works Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A3SW (S)	916	1	409270 333130
39	Pollution Incidents to Controlled Waters Property Type: Engineering Location: Bridge St, Behind Industrial Est, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Diesel (Including Agricultural) Note: Hockley Brook; Diesel In Brook Incident Date: 1st May 1999 Incident Reference: 2003500 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Accidental Spillage/Leakage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A3SW (S)	944	1	409200 333100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Pollution Incidents to Controlled Waters Property Type: Engineering Location: Nr Race Course, By Rail Station, UTTOXETER Authority: Environment Agency, Midlands Region Pollutant: Oils - Diesel (Including Agricultural) Note: Picknall Stream; Oil In Stream, poss From Lorry Park Or J/c/b Incident Date: 20th May 1999 Incident Reference: 2705795 Catchment Area: Trent Catchment : Dove To Confluence With Hilton Brook Receiving Water: Watercourse Cause of Incident: Poor Operational Practice Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m	A3SW (S)	949	1	409200 333095
	River Quality Name: Tean R GQA Grade: River Quality C Reach: Fb At Beamhurst To Conf. With R. Dove Estimated Distance (km): 5 Flow Rate: Flow less than 1.25 cumecs Flow Type: River Year: 2000	A13SE (N)	0	1	409334 334621
	River Quality Name: Dove R GQA Grade: River Quality A Reach: R. Tean To Foston Bk Estimated Distance (km): 18 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A14SE (E)	792	1	410205 334621
	River Quality Name: Dove R GQA Grade: River Quality A Reach: R. Churnet To R. Tean Estimated Distance (km): 5 Flow Rate: Flow less than 20 cumecs Flow Type: River Year: 2000	A14SE (E)	810	1	410223 334610

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	<p>River Quality Chemistry Sampling Points</p> <p>Name: Tean River Reach: Footbridge At Beamhurst To Confluence With River Dove Estimated Distance: 5.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A15SW (E)	992	1	410423 334464
	<p>Water Abstractions</p> <p>Operator: Borough Of East Staffordshire Council Licence Number: 03/28/33/0090 Permit Version: 100 Location: Bramshall Recreation Ground - Picknall Brook Authority: Environment Agency, Midlands Region Abstraction: Municipal Grounds: Lake And Pond Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Bramshall Recreation Ground, Uttoxeter, Staffs Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 18th August 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A1SE (SW)	1341	1	408100 333300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Dj & Aph Peach Licence Number: 03/28/33/0062 Permit Version: 100 Location: Doveridge Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 21st July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A10SE (SE)	1475	1	410900 333700
	<p>Water Abstractions</p> <p>Operator: A & D Peach Licence Number: 03/28/33/0009 Permit Version: 100 Location: Doveridge Mill - Well Authority: Environment Agency, Midlands Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Doveridge Mill - Well Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th May 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(E)	1815	1	411300 334000
	<p>Water Abstractions</p> <p>Operator: East Staffs District Council Licence Number: 03/28/33/0051 Permit Version: 100 Location: Uttoxeter Racecourse - Picknall Brook Authority: Environment Agency, Midlands Region Abstraction: Racecourses: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Uttoxeter Racecourse - Picknall Brook Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 26th August 1981 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	(SE)	1951	1	410700 332600
41	<p>Water Industry Act Referrals</p> <p>Name: Imperial And Queens Laundries Ltd (Dissolved) Location: The Heath, UTTOXETER, Staffordshire, ST14 Authority: Environment Agency, Midlands Region Permit Reference: AB5091 Dated: 4th November 1991 Process Type: Permissions or amendments to discharge under the Water Industry Act 1991 Description: Processes which result in the discharge of Special Category effluents under The Trade Effluents (Prescribed Processes and Substances) Regulations Status: Application cancelled Positional Accuracy: Manually positioned to the address or location</p>	A7NW (W)	679	1	408471 334081
	<p>Groundwater Vulnerability</p> <p>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers Soil Classification: Soils of High Leaching Potential (H1) - Soils which readily transmit liquid discharges because they are either shallow, or susceptible to rapid by-pass flow directly to rock, gravel or groundwater Map Sheet: Sheet 22 South Staffordshire & East Shropshire Scale: 1:100,000</p>	A8NW (SW)	0	1	409141 334274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Groundwater Vulnerability</p> <p>Geological Classification: Minor Aquifer (Variably permeable) - These can be fractured or potentially fractured rocks, which do not have a high primary permeability, or other formations of variable permeability including unconsolidated deposits. Although not producing large quantities of water for abstraction, they are important for local supplies and in supplying base flow to rivers</p> <p>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</p> <p>Map Sheet: Sheet 22 South Staffordshire & East Shropshire</p> <p>Scale: 1:100,000</p>	A8NW (SW)	0	1	409141 334274
	<p>Drift Deposits</p> <p>None</p>				
	<p>Extreme Flooding from Rivers or Sea without Defences</p> <p>Flood Plain Type: Fluvial</p> <p>Boundary Accuracy: As Supplied</p>	A8NW (S)	0	1	409310 334333
	<p>Flooding from Rivers or Sea without Defences</p> <p>Flood Plain Type: Fluvial</p> <p>Boundary Accuracy: As Supplied</p>	A8NW (S)	0	1	409309 334331
	<p>Areas Benefiting from Flood Defences</p> <p>None</p>				
	<p>Flood Water Storage Areas</p> <p>None</p>				
	<p>Flood Defences</p> <p>None</p>				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
42	<p>BGS Recorded Landfill Sites</p> <p>Site Name: Uttoxeter UDC Tip Location: Pennycroft Lne, UTTOXETER, Staffs 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: Derived</p>	A13SW (N)	0	4	409292 334497
43	<p>Historical Landfill Sites</p> <p>Licence Holder: Chief Engineer East Staffordshire District Council Location: The Dove Way, North Of Uttoxeter, Staffordshire Name: Landfill Adjoining Pennycroft Sewage Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD18155 First Input Date: 31st December 1960 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste, and Liquid Sludge EA Waste Ref: -9999 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1423 Other Ref: EAST STAFFORDSHIRE 14, WDLE07, 9999/9524</p>	A13SW (W)	0	1	409293 334378
44	<p>Historical Landfill Sites</p> <p>Licence Holder: Not Supplied Location: Park Street, Uttoxeter, Staffordshire Name: Old Site The Wharf Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD18154 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: -9999 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: EAST STAFFORDSHIRE 37, 9999/9502</p>	A8NW (SW)	0	1	409160 334277
45	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 40310 Location: Pennycroft Lane, Uttoxeter, Staffordshire, ST14 7BW Operator Name: Staffordshire County Council Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: Household Waste Amenity Sites Licence Status: Issued Issued: 7th February 2007 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	0	1	409193 334160
45	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 42357 Location: Uttoxeter H W S, Pennycroft Lane, Uttoxeter, Staffordshire, ST14 7BW Operator Name: Poplars Resource Management Company Ltd Operator Location: The Priory, Lichfield Street, Stone, Staffs, ST15 8NB Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Issued Issued: 26th March 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	0	1	409193 334160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 42357 Location: Uttoxeter H W S, Pennycroft Lane, Uttoxeter, Staffordshire, ST14 7BW Operator Name: South Herts Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Transferred Issued: 26th March 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	0	1	409193 334160
46	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 42605 Location: Yard A, Ashbourne Road, Uttoxeter, Staffordshire, ST14 5AB Operator Name: Barlow Mr G R Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Expired Issued: 7th July 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	489	1	408665 334785
46	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 42436 Location: Riverside Yard, Ashbourne Road, Uttoxeter, Staffordshire, ST14 5AB Operator Name: Taylor Jonathan Mark Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, Central Area Site Category: Metal Recycling Sites (Mixed) Licence Status: Transferred Issued: 26th August 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A12NE (NW)	489	1	408665 334785
	<p>Local Authority Landfill Coverage</p> <p>Name: Staffordshire County Council - Has supplied landfill data</p>		0	3	410318 334721
	<p>Local Authority Landfill Coverage</p> <p>Name: East Staffordshire District Council - Has supplied landfill data</p>		0	2	410318 334721
	<p>Local Authority Landfill Coverage</p> <p>Name: Derbyshire Dales District Council - Has no landfill data to supply</p>		907	6	410318 334721
	<p>Local Authority Landfill Coverage</p> <p>Name: Derbyshire County Council - Had landfill data but passed it to the relevant environment agency</p>		907	7	410318 334721
47	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Old Site, The Worf, Uttoxeter Reference: 37 Authority: Staffordshire County Council, Waste Management Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable</p>	A8NW (S)	0	3	409299 334300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Not Supplied Reference: East Staffs 37 Authority: East Staffordshire Borough Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Applicable</p>	A8NW (S)	0	2	409300 334300
48	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Pennycroft Sewage Works Reference: 14 Authority: Staffordshire County Council, Waste Management Last Reported Status: Unknown Types of Waste: Household Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A13SE (N)	0	3	409318 334557
49	<p>Local Authority Recorded Landfill Sites</p> <p>Location: Not Supplied Reference: East Staffs 14 Authority: East Staffordshire Borough Council, Environmental Health Department Last Reported Status: Unknown Types of Waste: Household Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate</p>	A13SE (N)	0	2	409318 334557
50	<p>Registered Landfill Sites</p> <p>Licence Holder: East Staffordshire D.C. Licence Reference: NO NEW FILE (E 7) Site Location: Pennycroft Lane, Disused Railway Cutting, Uttoxeter, Staffordshire Licence Easting: 409150 Licence Northing: 334300 Operator Location: Town Hall, Burton Upon Trent, Staffordshire Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Landfill - Railway cutting Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1980 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Waste Old Licence - Wastes Not To Hand</p>	A8NW (SW)	57	1	409150 334300
51	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Staffs C.C. Licence Reference: 5/K/93/0505 (Z44) Site Location: Uttoxeter Household Waste Site, Pennycroft Lane, Uttoxeter, Staffordshire Operator Location: 4 Chapel Street, STAFFORD, Staffordshire, ST14 2BX Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Civic Amenity Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household Waste</p>	A8NW (SW)	0	1	409200 334150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: 3 C Waste Ltd Licence Reference: 5/K/93/0515 (TZ44) Site Location: Uttoxeter Household Waste Site, Pennycroft Lane, Uttoxeter, Staffordshire Operator Location: 3 Hilliards Court, Chester Business Park, Wrexham Road, CHESTER, Cheshire, CH4 9QX Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Civic Amenity Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 1st March 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Household Waste Prohibited Waste: Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S.</p>	A8NW (S)	0	1	409230 334160
52	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: George Bloor & Sons Licence Reference: 5/L/93/0529 (SDL B 3) Site Location: Ashbourne Road, Uttoxeter, Staffordshire Operator Location: 14 Park Street, Uttoxeter, Staffordshire Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Scrapyard Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st May 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Brake Fluid Max.Stor. Brake/Clutch Lin'Gs Cont.Asb. Max.Stor Engine/Gearbox Cont.Fluid Max.Stor Petrol Tanks & Residues Max.Stor Scrap Rubber (Including Tyres)Max.Stor Staffs Cat. Bii 'Scrap Metal' Max.Stor Staffs Cat. E 'Difficult.' Max.Stor. Vehicle Batteries Max.Stor. Prohibited Waste: Any Metal In Fine Powder Form Elemental Sodium Or Potassium Notifiable Wastes Percussive/Explosive/Similar Waste Special Wastes N.O.S. Waste Cont. Flamm.Solv.(Except Petrol) Waste Containing Pcb's</p>	A12NE (NW)	458	1	408700 334800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: G R Barlow Licence Reference: 5/L/93/0547 (B16) Site Location: Yard B; The Bungalow, Ashbourne Road, UTTOXETER, Staffordshire, ST14 5AB</p> <p>Operator Location: The Bungalow, Ashbourne Road, UTTOXETER, Staffordshire, ST14 5AB Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Scrapyard Max Input Rate: Large (Equal to or greater than 75,000 and less than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 26th August 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Engine/Gearbox Cont.Fluid Max.Stor. Staffs Cat. Bii 'Scrap Metal' Max.Stor. Vehicle Batteries Max.Stor. Vehicles Max.Stor.</p> <p>Prohibited Waste: Elemental Sodium Or Potassium Metal In Fine Powder Form Notifiable Wastes Percussive/Explosive/Similar Waste Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste Cont.Flam.Solv. (Except Petrol) Waste Containing Pcb Waste N.O.S.</p>	A12NE (NW)	476	1	408690 334830
53	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: G R Barlow Licence Reference: 5/L/95/0602 Site Location: Yard A The Bungalow, Ashbourne Road, UTTOXETER, Staffordshire, ST4 5AB</p> <p>Operator Location: The Bungalow, Ashbourne Road, UTTOXETER, Staffordshire, ST14 5AB Authority: Environment Agency - Midlands Region, Upper Trent Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 7th July 1995 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Max.Storage In Licence Staffs Cat. Bii 'Scrap Metal'</p> <p>Prohibited Waste: Difficult Waste N.O.S. Drummed Waste Elemental Sodium/Potassium Metal In Fine Powder Form Pcb Spec.Waste (Epa'90:S62/1996 Regs)N.O.S Waste N.O.S.</p>	A12NE (NW)	493	1	408660 334780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Dovebank Brick Works Location: Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 64197 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	374	4	409766 333878
55	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Uttoxeter Quarry Location: Leasowes Farm, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 6649 Type: Opencast Status: Active Operator: Bardon Aggregates - Midlands Operator Location: Huncote Road, Croft, Leicestershire, Le3 3gt Periodic Type: Quaternary Geology: River Terrace Deposits (Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	514	4	409700 335100
56	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Uttoxeter Location: New Street, Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 64195 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A2NE (SW)	637	4	408893 333495
57	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Uttoxeter Location: Stone Road, Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 64193 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A2NE (SW)	760	4	408713 333473
58	<p>BGS Recorded Mineral Sites</p> <p>Site Name: New Road Brick & Tile Works Location: New Road, Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 63940 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Triassic Geology: Mercia Mudstone Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	792	4	408390 334382
59	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Uttoxeter Location: Oldfields Road, Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 64194 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Glaciofluvial Deposits, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A2SE (S)	842	4	408863 333279

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	BGS Recorded Mineral Sites Site Name: Heathfield House Location: Uttoxeter, Uttoxeter, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 63939 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Till, Mid Pleistocene Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A6NE (W)	876	4	408277 334251
	BGS 1:625,000 Solid Geology Description: Triassic mudstones (including Keuper Marl, Dolomitic Conglomerate and Rhaetic)	(NW)	0	4	404879 336608
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	409250 334375
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	409250 334375
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	409296 335000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	409250 334375
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	4	409250 334375
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	4	409200 334475
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	4	409200 334475
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8SW (S)	19	4	409275 334025
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SW)	122	4	409025 334225
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7NE (W)	147	4	408975 334300
	Radon Potential - Radon Affected Areas Affected Area: The property is not in a radon affected area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	4	409296 335000
	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	A13NW (N)	0	4	409296 335000
	Shallow Mining Hazards No Hazard				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Contemporary Trade Directory Entries Name: Hawksworth Graphic & Print Location: Sladeside, Pennycroft Lane, Uttoxeter, Staffordshire, ST14 7QZ Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	0	-	409231 334066
62	Contemporary Trade Directory Entries Name: Richardsons Garage Location: Park Street, Uttoxeter, Staffordshire, ST14 7AG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	100	-	409086 334062
62	Contemporary Trade Directory Entries Name: G Bloor & Sons Location: 14, Park Street, Uttoxeter, Staffordshire, ST14 7AG Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A8SW (SW)	130	-	409080 334013
63	Contemporary Trade Directory Entries Name: J R Ashmore & Son Location: Cremona, Park Street, Uttoxeter, Staffordshire, ST14 7AQ Classification: Ice Cream Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (W)	131	-	409074 334299
64	Contemporary Trade Directory Entries Name: Angus Mackinnon Location: Derby Road, Uttoxeter, Staffordshire, ST14 8EG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	239	-	409697 334010
64	Contemporary Trade Directory Entries Name: Angus Mackinnon Location: Derby Road, Uttoxeter, Staffordshire, ST14 8EG Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	239	-	409697 334010
65	Contemporary Trade Directory Entries Name: Afs Earthmoving Aggregates Location: Acacia House, Cheadle Road, Uttoxeter, Staffordshire, ST14 7BU Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	241	-	408910 334101
66	Contemporary Trade Directory Entries Name: Cooper & Partners Location: Glenthorne, 71, Derby Road, Uttoxeter, Staffordshire, ST14 8EB Classification: Veterinary Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (SE)	255	-	409605 333902
67	Contemporary Trade Directory Entries Name: A J Fryer & Co Ltd Location: Derby Rd, Uttoxeter, Staffordshire, ST14 8EG Classification: Car Dealers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A8SE (SE)	292	-	409522 333838
68	Contemporary Trade Directory Entries Name: Forsbrook Furniture Ltd Location: Canal Mill, Cheadle Rd, Uttoxeter, Staffordshire, ST14 7BS Classification: Furniture Manufacturers - Home & Office Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	297	-	408850 334160
69	Contemporary Trade Directory Entries Name: Stanway Handlers Ltd Location: Seven Acre Works, Derby Road, Uttoxeter, Staffordshire, ST14 8EA Classification: Agricultural Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A8SE (SE)	316	-	409581 333828
69	Contemporary Trade Directory Entries Name: Stanway Handlers Ltd Location: Seven Acre Works, Derby Road, Uttoxeter, Staffordshire, ST14 8EA Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SE (SE)	316	-	409581 333828

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	<p>Contemporary Trade Directory Entries</p> <p>Name: Johan Collins Uk Ltd Location: Heath House, Cheadle Road, Uttoxeter, Staffordshire, ST14 7BY Classification: Mechanical Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NE (W)	360	-	408804 334257
71	<p>Contemporary Trade Directory Entries</p> <p>Name: Appliance Care Location: 9, Bradley Street, Uttoxeter, Staffordshire, ST14 7QA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	372	-	409169 333675
71	<p>Contemporary Trade Directory Entries</p> <p>Name: Isl Midlands Ltd Location: 11, Bradley Street, Uttoxeter, Staffordshire, ST14 7QA Classification: Cladding Suppliers & Installers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	372	-	409169 333675
72	<p>Contemporary Trade Directory Entries</p> <p>Name: Esso Service Station Location: By Pass Road, Uttoxeter, Staffordshire, ST14 5AA Classification: Petrol Filling Stations - 24 Hour Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NE (NW)	385	-	408767 334761
73	<p>Contemporary Trade Directory Entries</p> <p>Name: The Hotspot Location: 53-55, High Street, Uttoxeter, Staffordshire, ST14 7JQ Classification: Heating Equipment - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	391	-	409086 333675
73	<p>Contemporary Trade Directory Entries</p> <p>Name: The Hot Spot Location: 53-55, High Street, Uttoxeter, Staffordshire, ST14 7JQ Classification: Heating Equipment - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	391	-	409086 333675
73	<p>Contemporary Trade Directory Entries</p> <p>Name: The Hot Spot Location: 53-55, High Street, Uttoxeter, Staffordshire, ST14 7JQ Classification: Woodburning Stoves Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	391	-	409086 333675
74	<p>Contemporary Trade Directory Entries</p> <p>Name: J E Massey Location: Masseys Garden Centre, 8, Short Street, Uttoxeter, Staffordshire, ST14 7LH Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	425	-	409031 333661
74	<p>Contemporary Trade Directory Entries</p> <p>Name: P J Douglas Engineering Ltd Location: 2-4, Short Street, Uttoxeter, Staffordshire, ST14 7LH Classification: Mechanical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	443	-	409010 333651
74	<p>Contemporary Trade Directory Entries</p> <p>Name: Uttoxeter Test Centre Location: Smithfield Road Garage, Smithfield Road, Uttoxeter, Staffordshire, ST14 7JB Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	447	-	409030 333637
75	<p>Contemporary Trade Directory Entries</p> <p>Name: J S I Marflex Location: Eastfields Road, Dovefields Industrial Estate, Uttoxeter, Staffordshire, ST14 8AL Classification: Cable & Wire Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	432	-	409811 333842

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Contemporary Trade Directory Entries Name: Fauld Precision Machining Co Ltd Location: Eastfields Rd, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8AL Classification: Precision Engineers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	472	-	409838 333811
75	Contemporary Trade Directory Entries Name: Howdens Joinery Uttoxeter Location: Eastfields Rd, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8AL Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A9SW (SE)	477	-	409842 333808
76	Contemporary Trade Directory Entries Name: Eric Alcocks Location: 33, High Street, Uttoxeter, Staffordshire, ST14 7HN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	450	-	409116 333606
76	Contemporary Trade Directory Entries Name: Alcock Location: 33, High Street, Uttoxeter, Staffordshire, ST14 7HN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	450	-	409116 333606
76	Contemporary Trade Directory Entries Name: G A Berrisford Location: Smithfield Road, Uttoxeter, Staffordshire, ST14 7LG Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	462	-	409085 333601
76	Contemporary Trade Directory Entries Name: Delaval Ltd Location: Smithfield Rd, Uttoxeter, Staffordshire, ST14 7JB Classification: Agricultural Machinery - Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A3NW (S)	469	-	409039 333609
76	Contemporary Trade Directory Entries Name: M J Lavin & Sons Location: 27a, High Street, Uttoxeter, Staffordshire, ST14 7HN Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	471	-	409127 333581
77	Contemporary Trade Directory Entries Name: Tyreways Ltd Location: Church Street, Uttoxeter, Staffordshire, ST14 8AA Classification: Exhaust & Shock Absorber Centres Status: Active Positional Accuracy: Automatically positioned to the address	A3NE (S)	469	-	409405 333615
78	Contemporary Trade Directory Entries Name: Merlin Electrical Location: 12, The Maltings, Uttoxeter, Staffordshire, ST14 7LN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	471	-	409190 333574
78	Contemporary Trade Directory Entries Name: Delight Of Uttoxeter Location: 12, The Maltings, Uttoxeter, Staffordshire, ST14 7LN Classification: Candle Manufacturers & Suppliers Status: Active Positional Accuracy: Manually positioned to the address or location	A3NW (S)	471	-	409190 333574
78	Contemporary Trade Directory Entries Name: Moorland Mobility Location: 4, The Maltings, Uttoxeter, Staffordshire, ST14 7LN Classification: Disability Equipment - Manufacturers & Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	477	-	409168 333569
78	Contemporary Trade Directory Entries Name: Max Spielmann Location: 36, High Street, Uttoxeter, Staffordshire, ST14 7HT Classification: Photographic Processors Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	482	-	409160 333565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	<p>Contemporary Trade Directory Entries</p> <p>Name: Max Spielmann Location: 36, High Street, Uttoxeter, Staffordshire, ST14 7HT Classification: Photographic Processors Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	482	-	409160 333565
79	<p>Contemporary Trade Directory Entries</p> <p>Name: Walter Tipper Ltd Location: Dovefields, Uttoxeter, Staffordshire, ST14 8HR Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	475	-	409784 333757
79	<p>Contemporary Trade Directory Entries</p> <p>Name: Uttoxeter Ready Mixed Concrete Location: Dovefields, Uttoxeter, Staffordshire, ST14 8HR Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	475	-	409784 333757
80	<p>Contemporary Trade Directory Entries</p> <p>Name: Esmalglass Ltd Location: Eastfields Road, Dovefields Industrial Estate, UTTOXETER, Staffordshire, ST14 8AL Classification: Ceramic Manufacturers, Supplies & Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	513	-	409869 333785
80	<p>Contemporary Trade Directory Entries</p> <p>Name: Alstone Engineering Location: Eastfields Rd, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8AL Classification: Engineering Machine Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A9SW (SE)	521	-	409860 333764
81	<p>Contemporary Trade Directory Entries</p> <p>Name: Ray Jeffrey Location: 36, Church Street, Uttoxeter, Staffordshire, ST14 8AD Classification: Agricultural Engineers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	516	-	409386 333557
82	<p>Contemporary Trade Directory Entries</p> <p>Name: Maltings Garage Location: High Street, Uttoxeter, Staffordshire, ST14 7HT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	534	-	409213 333510
83	<p>Contemporary Trade Directory Entries</p> <p>Name: Burgess (Agricultural Engineers) Ltd Location: Church St, Uttoxeter, Staffordshire, ST14 8AG Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A3NW (S)	557	-	409260 333489
84	<p>Contemporary Trade Directory Entries</p> <p>Name: Shell Uk Ltd Location: 2, New Road, Uttoxeter, Staffordshire, ST14 7DB Classification: Petrol Filling Stations - 24 Hour Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	563	-	408630 334372
84	<p>Contemporary Trade Directory Entries</p> <p>Name: Travis Perkins Location: Trent House, 3, Ashbourne Road, Uttoxeter, Staffordshire, ST14 7BA Classification: Builders' Merchants Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	568	-	408638 334408
85	<p>Contemporary Trade Directory Entries</p> <p>Name: Sheard Of Uttoxeter Ltd Location: 20-24, Carter Street, Uttoxeter, Staffordshire, ST14 8EX Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NW (S)	585	-	409092 333473

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	Contemporary Trade Directory Entries Name: Furbanks Of Uttoxeter Location: 20-24, Carter Street, Uttoxeter, Staffordshire, ST14 8EX Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	585	-	409092 333473
86	Contemporary Trade Directory Entries Name: Co-Oprative Location: 44, Market Place, Uttoxeter, Staffordshire, ST14 8HP Classification: Pharmaceutical Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	591	-	409208 333453
86	Contemporary Trade Directory Entries Name: Nationwide Crash Repair Centres Ltd Location: 55, Market Place, Uttoxeter, Staffordshire, ST14 8HF Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	611	-	409184 333434
87	Contemporary Trade Directory Entries Name: D B Motor Engineering Location: 25, Weaver Road, Uttoxeter, Staffordshire, ST14 7BE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	591	-	408593 334468
88	Contemporary Trade Directory Entries Name: G R Barlow & Sons Location: The Bungalow, Ashbourne Road, Uttoxeter, Staffordshire, ST14 5AB Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NW (NW)	593	-	408555 334757
89	Contemporary Trade Directory Entries Name: Hi-Mark Engineering Location: Lion Buildings, 8, Market Place, Uttoxeter, Staffordshire, ST14 8HP Classification: Precision Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A3NW (S)	606	-	409304 333445
90	Contemporary Trade Directory Entries Name: E M D Services Ltd Location: 14-16, Carter Street, Uttoxeter, Staffordshire, ST14 8EU Classification: Medical Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A3NW (S)	606	-	409133 333444
91	Contemporary Trade Directory Entries Name: Wynnstay Stores Location: Dovefields, Uttoxeter, Staffordshire, ST14 8AE Classification: Agricultural Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A4NW (SE)	619	-	409871 333643
91	Contemporary Trade Directory Entries Name: Trenchex Location: Dove Fields, Uttoxeter, Staffordshire, ST14 8ER Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	A4NW (SE)	641	-	409882 333624
92	Contemporary Trade Directory Entries Name: A & G Uttoxeter Ltd Location: 56a, Bridge Street, Uttoxeter, Staffordshire, ST14 8AP Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NE (S)	641	-	409354 333419
92	Contemporary Trade Directory Entries Name: Style Continental Ltd Location: Suite A, 56, Bridge Street, Uttoxeter, Staffordshire, ST14 8AP Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NE (S)	641	-	409354 333419
92	Contemporary Trade Directory Entries Name: R Elliott & Sons Ltd Location: 21, Bridge Street, Uttoxeter, Staffordshire, ST14 8AR Classification: Pallets, Crates & Packing Cases Status: Active Positional Accuracy: Automatically positioned to the address	A3NE (S)	653	-	409330 333402

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	Contemporary Trade Directory Entries Name: Perry'S Dry Cleaning Location: 21, Market Place, Uttoxeter, Staffordshire, ST14 8HY Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A3NW (S)	656	-	409243 333389
93	Contemporary Trade Directory Entries Name: Kevin Turner Location: Market Street, Uttoxeter, Staffordshire, ST14 8JA Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A3SW (S)	696	-	409253 333349
93	Contemporary Trade Directory Entries Name: Market Street Garage Location: Market Street, Uttoxeter, Staffordshire, ST14 8JA Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	696	-	409253 333349
93	Contemporary Trade Directory Entries Name: Furbanks Market Street Garage Location: Market Street, Uttoxeter, Staffordshire, ST14 8JA Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	696	-	409253 333349
94	Contemporary Trade Directory Entries Name: Gwyln Davies Location: Dovefields, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8HU Classification: Recycling Centres Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A4NW (SE)	659	-	409854 333581
95	Contemporary Trade Directory Entries Name: M K Metro (Accounts Only) Ltd Location: 2, Hawthorn Court, Queen Street, Uttoxeter, Staffordshire, ST14 8HU Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location	A3NW (S)	661	-	409307 333390
96	Contemporary Trade Directory Entries Name: Johnsons Apparelmaster Location: The Heath, Holly Road, Uttoxeter, Staffordshire, ST14 7LY Classification: Laundries & Launderettes Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (W)	671	-	408479 334081
96	Contemporary Trade Directory Entries Name: Corporate Hygiene Services Location: The Heath, Holly Road, Uttoxeter, Staffordshire, ST14 7LY Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	671	-	408479 334081
97	Contemporary Trade Directory Entries Name: The West Midlands Shoe Co Location: Dovefields Rd, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8HU Classification: Distribution Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A4NW (SE)	675	-	409866 333570
97	Contemporary Trade Directory Entries Name: Effectech Ltd Location: Dove House, Dovefields, Uttoxeter, Staffordshire, ST14 8HU Classification: Gas Companies Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A4NW (SE)	702	-	409886 333550
97	Contemporary Trade Directory Entries Name: Steve Foster Location: Unit 1, Dovefields, Dovefields Industrial Estate, Uttoxeter, Staffordshire, ST14 8HU Classification: Crane Hire, Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A4NW (SE)	715	-	409874 333527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	<p>Contemporary Trade Directory Entries</p> <p>Name: Tuffa (Uk) Ltd Location: Dovefields Industrial Estate, Derby Road, Uttoxeter, Staffordshire, ST14 8SW Classification: Tanks, Vats & Cisterns Status: Active Positional Accuracy: Automatically positioned to the address</p>	A4NW (SE)	715	-	409874 333527
98	<p>Contemporary Trade Directory Entries</p> <p>Name: Dust Fairies Location: 30, Collin Street, Uttoxeter, Staffordshire, ST14 7QX Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A2NE (SW)	686	-	408891 333440
98	<p>Contemporary Trade Directory Entries</p> <p>Name: Ericsan Commercial Cleaning Services Ltd Location: 7, New Street, Uttoxeter, Staffordshire, ST14 7QS Classification: Commercial Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A2NE (SW)	711	-	408842 333439
99	<p>Contemporary Trade Directory Entries</p> <p>Name: Staffordshire Bespoke Joinery Ltd Location: 50, Stanley Crescent, Uttoxeter, Staffordshire, ST14 7BD Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12SW (W)	699	-	408447 334619
100	<p>Contemporary Trade Directory Entries</p> <p>Name: Better Tasting Snack Foods Ltd Location: Trinity Square, Bridge Street, Uttoxeter, Staffordshire, ST14 8ST Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3SE (S)	703	-	409343 333353
100	<p>Contemporary Trade Directory Entries</p> <p>Name: Better Tasting Snack Foods Location: Trinity Square, Bridge Street, Uttoxeter, Staffordshire, ST14 8ST Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3SE (S)	703	-	409343 333353
101	<p>Contemporary Trade Directory Entries</p> <p>Name: Paragon Travel Location: The Garage, Spath, Uttoxeter, Staffordshire, ST14 5AE Classification: Bus & Coach Operators & Stations Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	706	-	408651 335190
101	<p>Contemporary Trade Directory Entries</p> <p>Name: K H Motors Ltd Location: The Garage, Spath, Uttoxeter, Staffordshire, ST14 5AE Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	706	-	408651 335190
101	<p>Contemporary Trade Directory Entries</p> <p>Name: Arriva Mot Station Location: The Garage, Spath, Uttoxeter, Staffordshire, ST14 5AE Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address</p>	A17SE (NW)	706	-	408651 335190
102	<p>Contemporary Trade Directory Entries</p> <p>Name: Grillo Agrigarden Ltd Location: Dovefields, Dovefields Ind Est, Uttoxeter, Staffordshire, ST14 8HU Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A4NW (SE)	708	-	409926 333573
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Shoestrings Location: Unit 5a, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	739	-	409602 333398

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	<p>Contemporary Trade Directory Entries</p> <p>Name: Mos Lighting Location: Unit 6, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Lighting Manufacturers Status: Active Positional Accuracy: Manually positioned to the address or location</p>	A3NE (S)	739	-	409615 333401
104	<p>Contemporary Trade Directory Entries</p> <p>Name: Crystal Clear Location: 9, Princess Road, Uttoxeter, Staffordshire, ST14 7DN Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7NW (W)	740	-	408412 334235
105	<p>Contemporary Trade Directory Entries</p> <p>Name: Mr P'S Pies Location: Unit 3/5, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	744	-	409569 333389
105	<p>Contemporary Trade Directory Entries</p> <p>Name: Bonehill Engineering Co Location: Unit 24, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Brassware Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3SE (S)	768	-	409553 333354
105	<p>Contemporary Trade Directory Entries</p> <p>Name: Valeform Ltd Location: Unit 24, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3SE (S)	768	-	409553 333354
105	<p>Contemporary Trade Directory Entries</p> <p>Name: Jade Manufacturing Location: Unit 21, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	771	-	409571 333361
106	<p>Contemporary Trade Directory Entries</p> <p>Name: John Sewell Ltd Location: Unit 9, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A3NE (S)	768	-	409633 333375
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Radiator Services Location: Unit 11, Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Car Radiator Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A3SE (S)	793	-	409627 333348
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Tapchanger Services Ltd Location: Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A4SW (S)	807	-	409659 333341
106	<p>Contemporary Trade Directory Entries</p> <p>Name: Tapchanger Services Ltd Location: Brookside Business Park, Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Power Transmission Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A4SW (S)	807	-	409659 333341

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
106	Contemporary Trade Directory Entries Name: H V & Rail Ltd Location: Brookside Road, Uttoxeter, Staffordshire, ST14 8AU Classification: Hose, Tubing & Fittings Status: Active Positional Accuracy: Automatically positioned to the address	A4SW (S)	807	-	409659 333341
107	Contemporary Trade Directory Entries Name: B Clowes Location: Spath, Uttoxeter, Staffordshire, ST14 5AP Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	774	-	408997 335449
108	Contemporary Trade Directory Entries Name: Uttoxeter Garden Machinery Location: Unit 1, Trinity Road, Uttoxeter, Staffordshire, ST14 8AQ Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	812	-	409302 333238
108	Contemporary Trade Directory Entries Name: Brian Belcher & Son Location: Unit 12, Bridge Street Industrial Estate, Uttoxeter, Staffordshire, ST14 8SP Classification: Firefighting Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	825	-	409257 333220
108	Contemporary Trade Directory Entries Name: B & C'S Washing Machines Ltd Location: Unit 6, Bridge Street Industrial Estate, Uttoxeter, Staffordshire, ST14 8SP Classification: Washing Machines - Servicing & Repairs Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	841	-	409296 333207
109	Contemporary Trade Directory Entries Name: The Axial Partnership Ltd Location: 53-55, Balance Street, Uttoxeter, Staffordshire, ST14 8JQ Classification: Electrical Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	815	-	409040 333248
110	Contemporary Trade Directory Entries Name: G Forrester Location: Wigmore House, Spath, Uttoxeter, Staffordshire, ST14 5AF Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A17SW (NW)	834	-	408573 335293
111	Contemporary Trade Directory Entries Name: Ability Location: 30, Ash Close, Uttoxeter, Staffordshire, ST14 7NR Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address	A6SE (W)	910	-	408255 333970
112	Contemporary Trade Directory Entries Name: J C B Heavy Products Ltd Location: Bamford Works, Pinfold Street, Uttoxeter, Staffordshire, ST14 8TL Classification: Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A3SW (S)	914	-	409073 333142
113	Fuel Station Entries Name: Fryers Of Uttoxeter Location: Derby Road, UTTOXETER, Staffordshire, ST14 8EG Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A9SW (SE)	298	-	409722 333944
114	Fuel Station Entries Name: Uttoxeter Service Station Location: STOKE ROAD, B5030, UTTOXETER, STAFFORDSHIRE, ST14 5AA Brand: ESSO Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	385	-	408767 334764

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	<p>Fuel Station Entries</p> <p>Name: Smithfield Road Service Station Location: Smithfield Road, UTTOXETER, Staffordshire, ST14 7JB Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location</p>	A3NW (S)	475	-	409034 333605
116	<p>Fuel Station Entries</p> <p>Name: Shell Uttoxeter Location: NEW ROAD, NOT KNOWN, UTTOXETER, STAFFORDSHIRE, ST14 7DA Brand: SHELL Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location</p>	A7NE (W)	536	-	408657 334366
117	<p>Fuel Station Entries</p> <p>Name: Tesco Uttoxeter Location: Brookside Road, UTTOXETER, Staffordshire, ST14 8AU Brand: TESCO Premises Type: Hypermarket Status: Open Positional Accuracy: Manually positioned to the road within the address or location</p>	A3SE (S)	817	-	409523 333288

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	<p>Nitrate Vulnerable Zones</p> <p>Name: Not Supplied</p> <p>Description: Surface Water - Designated 2006</p> <p>Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)</p>	(E)	0	5	421967 334377

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Staffordshire Moorlands District Council - Environmental Health Department Derbyshire Dales District Council - Environmental Health Department East Staffordshire Borough Council - Environmental Health Department	August 2009 January 2010 June 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	April 2010	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	May 2010	Quarterly
Integrated Pollution Controls Environment Agency - Midlands Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	April 2010	Quarterly
Local Authority Integrated Pollution Prevention And Control Staffordshire Moorlands District Council - Environmental Health Department Derbyshire Dales District Council - Environmental Health Department East Staffordshire Borough Council - Environmental Health Department	August 2009 January 2010 January 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Staffordshire Moorlands District Council - Environmental Health Department Derbyshire Dales District Council - Environmental Health Department East Staffordshire Borough Council - Environmental Health Department	August 2009 January 2010 January 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Staffordshire Moorlands District Council - Environmental Health Department Derbyshire Dales District Council - Environmental Health Department East Staffordshire Borough Council - Environmental Health Department	August 2009 January 2010 January 2010	Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	February 2010	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	May 2010	Monthly
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	May 2010	Monthly
Registered Radioactive Substances Environment Agency - Midlands Region	April 2010	Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	January 2010	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	January 2010	Annually
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	April 2010 April 2010 April 2010 April 2010	Quarterly Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	April 2010	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	January 2010	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 1999	Not Applicable













Agency & Hydrological	Version	Update Cycle
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Source Protection Zones Environment Agency - Head Office	April 2010	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	March 2010	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	March 2010	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	March 2010	Quarterly
Flood Defences Environment Agency - Head Office	March 2010	Quarterly

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	April 2010 April 2010 April 2010 April 2010	Quarterly Quarterly Quarterly Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	April 2010 April 2010 April 2010 April 2010	Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Central Area Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	April 2010 April 2010 April 2010 April 2010	Quarterly Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Derbyshire County Council Derbyshire Dales District Council East Staffordshire Borough Council - Environmental Health Department Staffordshire County Council - Waste Management Staffordshire Moorlands District Council - Environmental Health Department	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Derbyshire Dales District Council East Staffordshire Borough Council - Environmental Health Department Derbyshire County Council Staffordshire County Council - Waste Management Staffordshire Moorlands District Council - Environmental Health Department	April 2003 March 2004 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Landfill Sites Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Lower Trent Area Environment Agency - Midlands Region - Upper Trent Area	March 2003 March 2003	Not Applicable Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	May 2010	Bi-Annually
Explosive Sites Health and Safety Executive	January 2009	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Derbyshire County Council Staffordshire County Council East Staffordshire Borough Council - Planning Department Staffordshire Moorlands District Council - Directorate of Development Derbyshire Dales District Council	August 2009 February 2010 March 2010 March 2010 October 2009	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Derbyshire County Council Staffordshire County Council East Staffordshire Borough Council - Planning Department Staffordshire Moorlands District Council - Directorate of Development Derbyshire Dales District Council	August 2009 February 2010 March 2010 March 2010 October 2009	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural and Mining Cavities Peter Brett Associates	May 2010	Bi-Annually
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	May 2007	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	May 2007	As notified
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	March 2010	Quarterly
Fuel Station Entries Catalist Ltd - Experian Catalist	April 2010	Quarterly
Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt East Staffordshire Borough Council Staffordshire Moorlands District Council	March 2010 March 2010	As notified As notified
Areas of Unadopted Green Belt East Staffordshire Borough Council Staffordshire Moorlands District Council	March 2010 March 2010	As notified As notified
Areas of Outstanding Natural Beauty Natural England	December 2009	Bi-Annually
Environmentally Sensitive Areas Natural England	December 2009	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	December 2009	Bi-Annually
Marine Nature Reserves Natural England	September 2009	Bi-Annually
National Nature Reserves Natural England	December 2009	Bi-Annually
National Parks Natural England	December 2009	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2009	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2009	Annually
Ramsar Sites Natural England	December 2009	Bi-Annually
Sites of Special Scientific Interest Natural England	December 2009	Bi-Annually
Special Areas of Conservation Natural England	December 2009	Bi-Annually
Special Protection Areas Natural England	December 2009	Bi-Annually

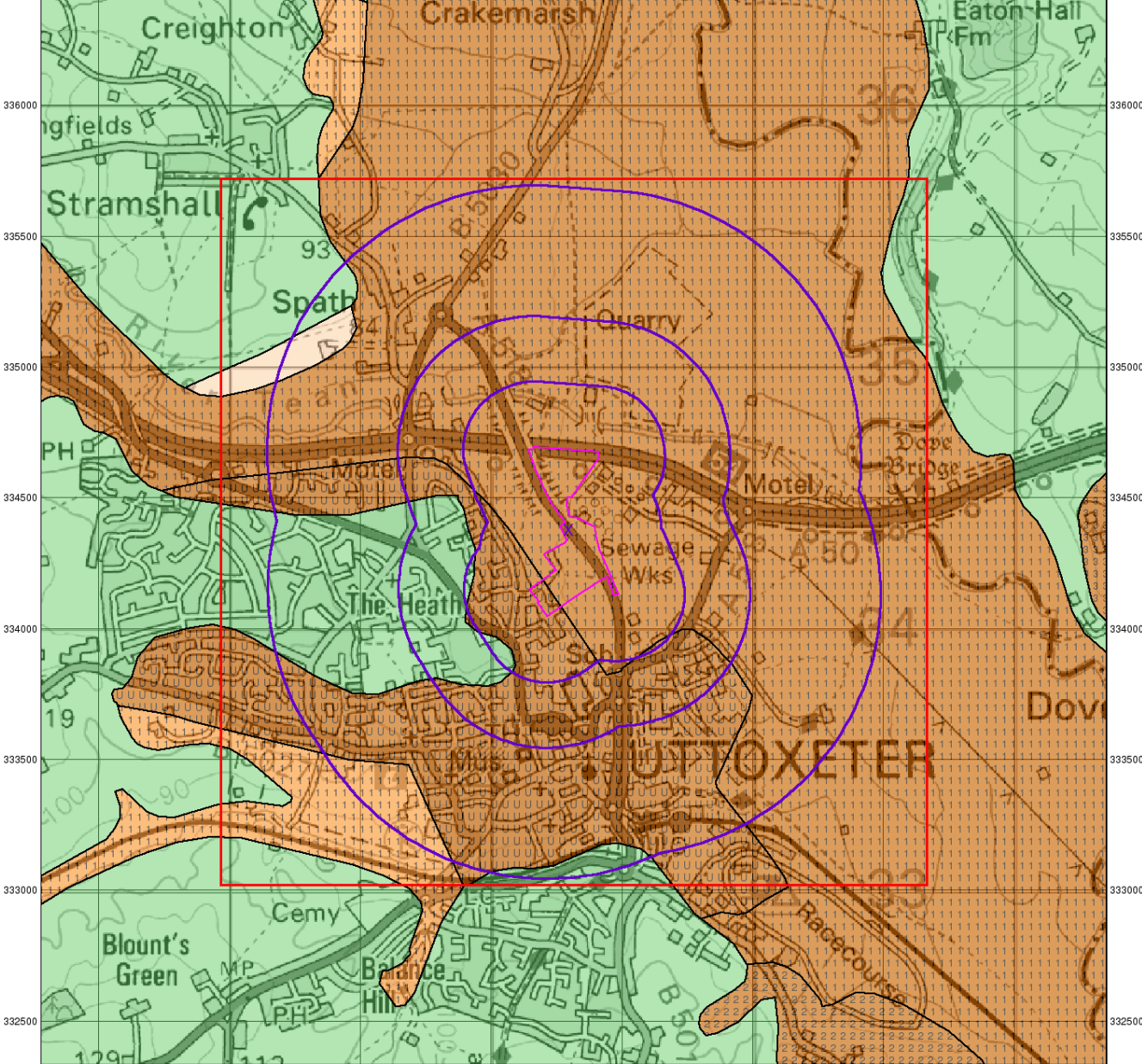
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Centre for Ecology and Hydrology	 <p>Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
Countryside Council for Wales	 <p>CYNGOR CEFN GWLAD CYMRU COUNTRYSIDE COUNCIL FOR WALES</p>
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	East Staffordshire Borough Council - Environmental Health Department Midland Grain Warehouse, Derby Street, Burton Upon Trent, Staffordshire, DE14 2JJ	Telephone: 01283 508848 Fax: 01283 508388 Website: www.eaststaffsbc.gov.uk
3	Staffordshire County Council - Waste Management Departmental Headquarters, Greenhall, Lichfield Road, Stafford, Staffordshire, ST17 4LA	Telephone: 01785 223121 Website: www.staffordshire.gov.uk
4	British Geological Survey - Enquiry Service British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
6	Derbyshire Dales District Council Town Hall, Bath Street, Matlock, Derby, Derbyshire, DE4 3NN	Telephone: 01629 580580 Fax: 01629 580482 Website: www.derbyshiredales.gov.uk
7	Derbyshire County Council County Offices, Matlock, Derbyshire, DE4 3AG	Telephone: 01629 580000 Fax: 01629 580119 Website: www.derbyshire.gov.uk
-	Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	Landmark Information Group Limited The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

407500 408000 408500 409000 409500 410000 410500 411000



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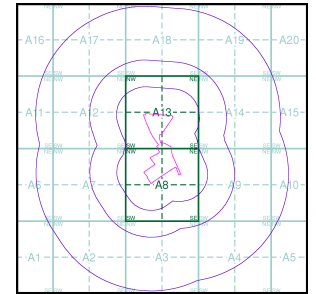
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Groundwater Vulnerability

- 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



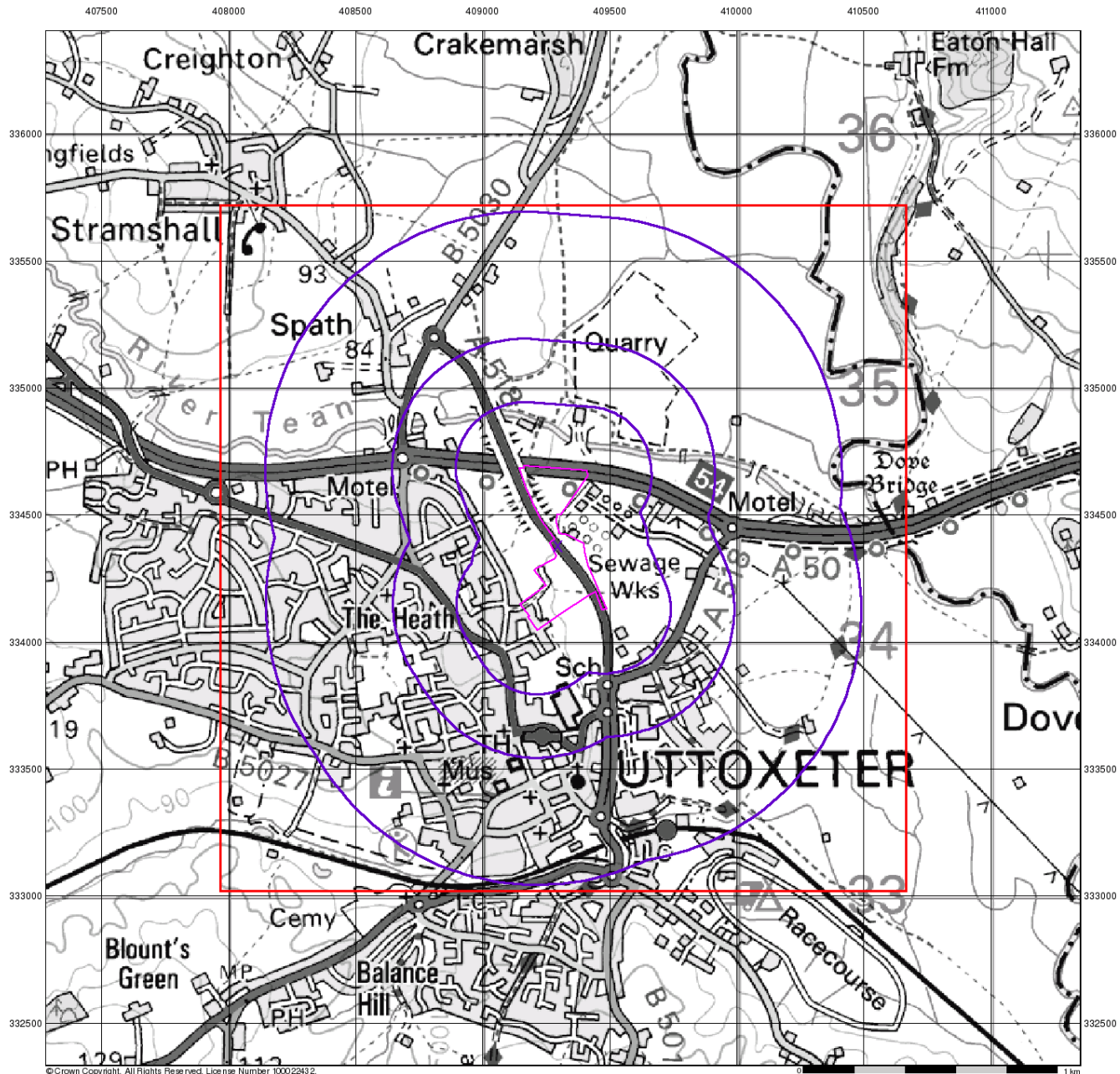
Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ

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



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Source Protection Zones

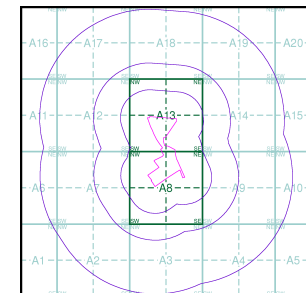
General

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

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

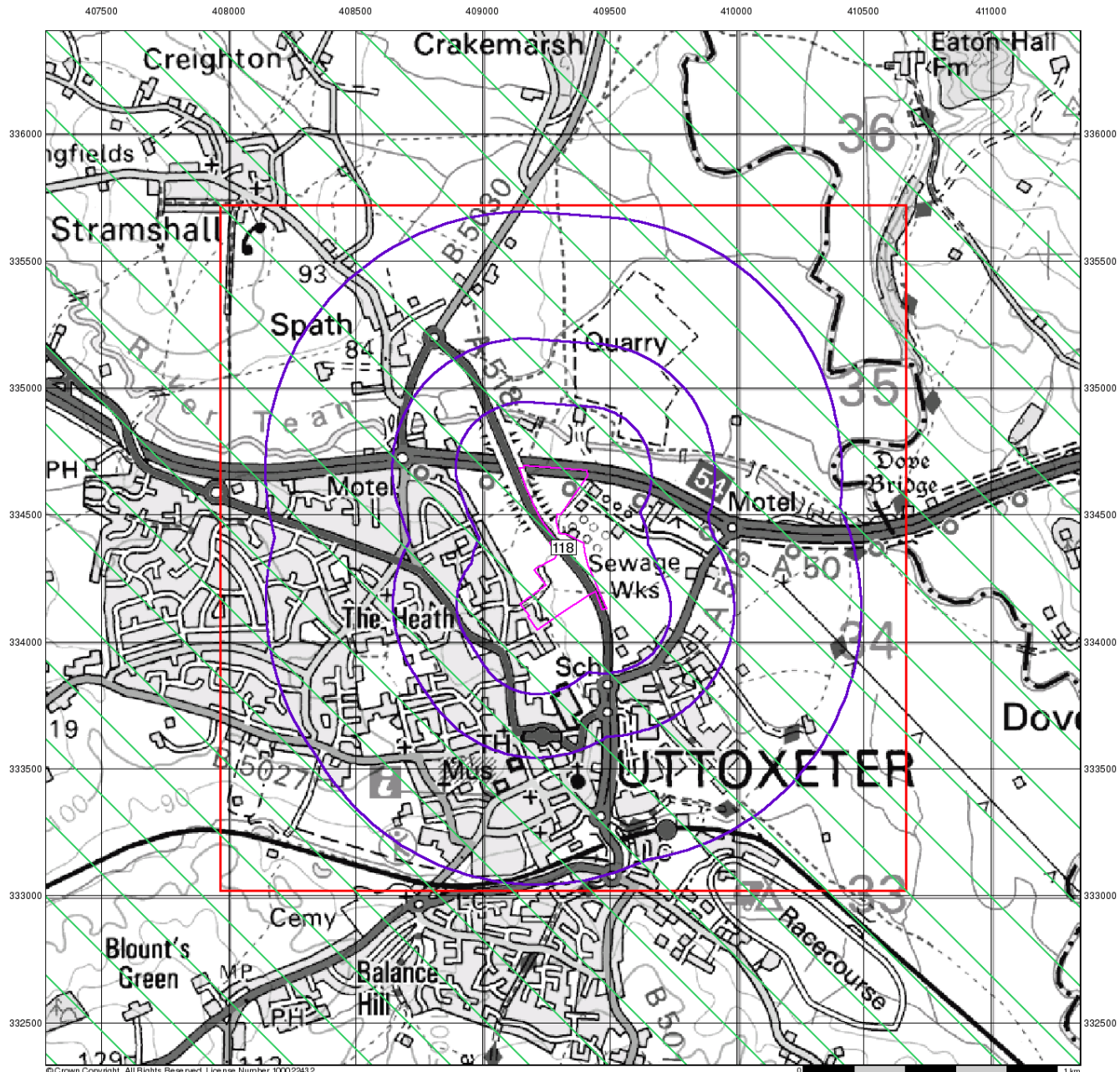
Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



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Sensitive Land Uses

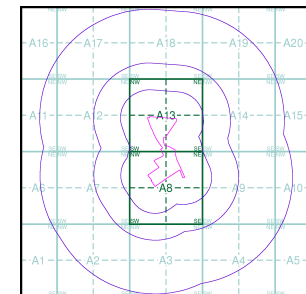
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



Tel: 0844 844 9952
 Fax: 0844 844 9951
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Envirocheck[®] Report:

BGS Boreholes Datasheet

Order Details:

Order Number:

31645632_1_1

Customer Reference:

NTE285

National Grid Reference:

409300, 334380

Slice:

A

Site Area (Ha):

9.91

Borehole Search Buffer (m):

1000

Site Details:

2 Dove Bank
UTTOXETER
Staffordshire
ST14 8DZ

Client Details:

Ms R McCallum
BWB Consulting Ltd
3-4 Kayes Walk
The Lace Market
Nottingham
Nottinghamshire
NG1 1PY

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
BGS Boreholes	pg 1	None	29	22	118

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

Report Version v47.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	BGS Boreholes BGS Reference: Sk03se51 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/204	A13SE (N)	18	4	409371 334696
120	BGS Boreholes BGS Reference: Sk03se41 Drilled Length (m): 11 Borehole Name: A564 Doveridge Bypass Bhd1/103	A13SW (N)	19	4	409248 334706
121	BGS Boreholes BGS Reference: Sk03se49 Drilled Length (m): 4 Borehole Name: A564 Doveridge Bypass Bhd1/202	A13NW (N)	35	4	409166 334728
122	BGS Boreholes BGS Reference: Sk03se42 Drilled Length (m): 10.02 Borehole Name: A564 Doveridge Bypass Bhd1/104	A13SE (NE)	41	4	409449 334688
123	BGS Boreholes BGS Reference: Sk03se50 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/203	A13NE (N)	48	4	409317 334730
124	BGS Boreholes BGS Reference: Sk03se48 Drilled Length (m): 4 Borehole Name: A564 Doveridge Bypass Bhd1/201	A13NW (NW)	75	4	409078 334721
125	BGS Boreholes BGS Reference: Sk03se58 Drilled Length (m): 4 Borehole Name: A564 Doveridge Bypass Bhd2/601	A13NE (NE)	88	4	409466 334743
126	BGS Boreholes BGS Reference: Sk03se52 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/205	A13SE (NE)	133	4	409541 334699
127	BGS Boreholes BGS Reference: Sk03se40 Drilled Length (m): 8.1 Borehole Name: A564 Doveridge Bypass Bhd1/102	A13NW (NW)	164	4	408986 334730
128	BGS Boreholes BGS Reference: Sk03se96 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road 5	A8NW (SW)	167	4	408980 334160
128	BGS Boreholes BGS Reference: Sk03se109 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 13	A8NW (SW)	167	4	408980 334140
128	BGS Boreholes BGS Reference: Sk03se99 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 3	A7NE (SW)	178	4	408970 334170
128	BGS Boreholes BGS Reference: Sk03se110 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 14	A7NE (SW)	179	4	408970 334120
128	BGS Boreholes BGS Reference: Sk03se95 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road 4	A7NE (SW)	187	4	408960 334140
128	BGS Boreholes BGS Reference: Sk03se108 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 12	A7NE (SW)	197	4	408950 334150
128	BGS Boreholes BGS Reference: Sk03se98 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 2	A7NE (SW)	207	4	408940 334160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	BGS Boreholes BGS Reference: Sk03se111 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 15	A7NE (SW)	212	4	408940 334100
128	BGS Boreholes BGS Reference: Sk03se93 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road 2	A7NE (SW)	229	4	408920 334120
129	BGS Boreholes BGS Reference: Sk03se43 Drilled Length (m): 11.3 Borehole Name: A564 Doveridge Bypass Bhd1/105	A13SE (NE)	184	4	409595 334626
130	BGS Boreholes BGS Reference: Sk03se103 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 7	A7NE (SW)	194	4	408960 334200
130	BGS Boreholes BGS Reference: Sk03se94 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road 3	A7NE (SW)	200	4	408960 334220
130	BGS Boreholes BGS Reference: Sk03se104 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 8	A7NE (SW)	213	4	408950 334230
131	BGS Boreholes BGS Reference: Sk03se102 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 6	A7NE (SW)	211	4	408940 334190
131	BGS Boreholes BGS Reference: Sk03se105 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 9	A7NE (SW)	228	4	408930 334220
131	BGS Boreholes BGS Reference: Sk03se97 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 1	A7NE (SW)	237	4	408910 334150
131	BGS Boreholes BGS Reference: Sk03se101 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 5	A7NE (SW)	239	4	408910 334180
131	BGS Boreholes BGS Reference: Sk03se92 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road 1	A7NE (SW)	249	4	408900 334180
131	BGS Boreholes BGS Reference: Sk03se106 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 10	A7NE (SW)	252	4	408900 334200
131	BGS Boreholes BGS Reference: Sk03se100 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 4	A7NE (SW)	257	4	408890 334160
131	BGS Boreholes BGS Reference: Sk03se107 Drilled Length (m): Not Supplied Borehole Name: The Homestead Cheadle Road Tp 11	A7NE (SW)	270	4	408880 334190
132	BGS Boreholes BGS Reference: Sk03se47 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/200	A12NE (NW)	217	4	408932 334734
133	BGS Boreholes BGS Reference: Sk03se53 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd1/206	A13SE (NE)	235	4	409648 334670

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
134	BGS Boreholes BGS Reference: Sk03se60 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd2/605	A13SE (E)	258	4	409652 334436
135	BGS Boreholes BGS Reference: Sk03se54 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/207	A14SW (NE)	280	4	409686 334591
136	BGS Boreholes BGS Reference: Sk03se59 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd2/602	A14SW (NE)	286	4	409699 334672
137	BGS Boreholes BGS Reference: Sk03se10 Drilled Length (m): 11.5 Borehole Name: M6-M1 Stage M6 To Sudbury Bh77	A13NW (NW)	302	4	409000 334950
138	BGS Boreholes BGS Reference: Sk03se11 Drilled Length (m): 10.25 Borehole Name: M6-M1 Stage M6 To Sudbury Bh78	A13NW (N)	304	4	409270 334990
139	BGS Boreholes BGS Reference: Sk03se39 Drilled Length (m): 11.4 Borehole Name: A564 Doveridge Bypass Bhd1/101	A12NE (NW)	311	4	408838 334741
140	BGS Boreholes BGS Reference: Sk03se44 Drilled Length (m): 11.15 Borehole Name: A564 Doveridge Bypass Bhd1/106	A14SW (NE)	311	4	409724 334637
141	BGS Boreholes BGS Reference: Sk03se45 Drilled Length (m): 12.6 Borehole Name: A564 Doveridge Bypass Bhd1/107	A14SW (E)	359	4	409759 334557
142	BGS Boreholes BGS Reference: Sk03ne16 Drilled Length (m): 9.35 Borehole Name: Stoke-Derby Motorway Bh79	A13NE (N)	372	4	409550 335020
143	BGS Boreholes BGS Reference: Sk03se61 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd2/606	A14SW (E)	389	4	409797 334396
144	BGS Boreholes BGS Reference: Sk03se38 Drilled Length (m): 9 Borehole Name: A564 Doveridge Bypass Bhd1/100	A12NE (NW)	404	4	408744 334746
145	BGS Boreholes BGS Reference: Sk03se55 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd1/208	A14SW (E)	443	4	409852 334588
146	BGS Boreholes BGS Reference: Sk03se91 Drilled Length (m): 7.5 Borehole Name: Uttoxeter B5030 41	A12NE (NW)	464	4	408690 334780
147	BGS Boreholes BGS Reference: Sk03se62 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd2/607	A9NW (E)	467	4	409901 334353
148	BGS Boreholes BGS Reference: Sk03se86 Drilled Length (m): 15 Borehole Name: Uttoxeter B5030 2	A12NE (NW)	480	4	408680 334810
148	BGS Boreholes BGS Reference: Sk03se87 Drilled Length (m): 13.5 Borehole Name: Uttoxeter B5030 3	A12NE (NW)	496	4	408680 334860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
148	BGS Boreholes BGS Reference: Sk03se88 Drilled Length (m): 15 Borehole Name: Uttoxeter B5030 4	A12NE (NW)	516	4	408680 334910
149	BGS Boreholes BGS Reference: Sk03se46 Drilled Length (m): 10.84 Borehole Name: A564 Doveridge Bypass Bhd1/108	A14SW (E)	491	4	409894 334554
150	BGS Boreholes BGS Reference: Sk03se145 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws6	A3NW (S)	493	4	409050 333580
150	BGS Boreholes BGS Reference: Sk03se174 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter 1	A3NW (S)	500	4	409030 333580
150	BGS Boreholes BGS Reference: Sk03se144 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws5	A3NW (S)	504	4	409020 333580
151	BGS Boreholes BGS Reference: Sk03se140 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws1	A3NW (S)	512	4	409080 333550
151	BGS Boreholes BGS Reference: Sk03se141 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws2	A3NW (S)	518	4	409060 333550
151	BGS Boreholes BGS Reference: Sk03se143 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws4	A3NW (S)	524	4	409040 333550
151	BGS Boreholes BGS Reference: Sk03se142 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws3	A3NW (S)	550	4	409050 333520
151	BGS Boreholes BGS Reference: Sk03se148 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws9	A3NW (S)	554	4	409070 333510
151	BGS Boreholes BGS Reference: Sk03se146 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws7	A3NW (S)	569	4	409050 333500
151	BGS Boreholes BGS Reference: Sk03se147 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws8	A3NW (S)	570	4	409080 333490
152	BGS Boreholes BGS Reference: Sk03se71 Drilled Length (m): 8.65 Borehole Name: Will'Ton-Uttox'R 132kv Ds78	A14SW (E)	519	4	409950 334370
152	BGS Boreholes BGS Reference: Sk03se57 Drilled Length (m): 8.5 Borehole Name: A564 Doveridge Bypass Bhd2/509	A14SW (E)	529	4	409949 334397
152	BGS Boreholes BGS Reference: Sk03se63 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd2/608	A14SW (E)	544	4	409972 334383
153	BGS Boreholes BGS Reference: Sk03se90 Drilled Length (m): 15 Borehole Name: Uttoxeter B5030 6	A12NE (NW)	528	4	408700 334970

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	BGS Boreholes BGS Reference: Sk03se89 Drilled Length (m): 14.5 Borehole Name: Uttoxeter B5030 5	A12NE (NW)	531	4	408690 334960
154	BGS Boreholes BGS Reference: Sk03se9 Drilled Length (m): 13.2 Borehole Name: M6-M1 Stage M6 To Sudbury Bhb33c	A12NW (NW)	548	4	408640 334900
155	BGS Boreholes BGS Reference: Sk03ne60 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 7	A17SE (NW)	559	4	408730 335060
156	BGS Boreholes BGS Reference: Sk03se149 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws10	A3NW (S)	559	4	409020 333520
157	BGS Boreholes BGS Reference: Sk03se64 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd2/609	A14SW (E)	570	4	409967 334459
158	BGS Boreholes BGS Reference: Sk03se151 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws12	A3NW (S)	570	4	408990 333520
158	BGS Boreholes BGS Reference: Sk03se150 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws11	A3NW (S)	588	4	409020 333490
158	BGS Boreholes BGS Reference: Sk03se152 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws13	A3NW (S)	611	4	408980 333480
158	BGS Boreholes BGS Reference: Sk03se153 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws14	A3NW (S)	623	4	409000 333460
159	BGS Boreholes BGS Reference: Sk03se181 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 4	A7NW (W)	575	4	408582 334259
159	BGS Boreholes BGS Reference: Sk03se190 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 13	A7NW (W)	577	4	408578 334243
159	BGS Boreholes BGS Reference: Sk03se180 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 3	A7NW (W)	592	4	408560 334225
160	BGS Boreholes BGS Reference: Sk03ne61 Drilled Length (m): 6.5 Borehole Name: Uttoxeter B5030 8	A17SE (NW)	580	4	408760 335120
161	BGS Boreholes BGS Reference: Sk03se56 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd1/209	A14SW (E)	581	4	409978 334518
161	BGS Boreholes BGS Reference: Sk13sw188 Drilled Length (m): 3 Borehole Name: A564doveridge Bypass Tpd2/603	A14SE (E)	614	4	410010 334508
162	BGS Boreholes BGS Reference: Sk03se154 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws15	A2NE (S)	587	4	408950 333520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	BGS Boreholes BGS Reference: Sk03se168 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws29	A2NE (S)	614	4	408950 333490
162	BGS Boreholes BGS Reference: Sk03se177 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter 4	A2NE (SW)	619	4	408920 333500
162	BGS Boreholes BGS Reference: Sk03se155 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws16	A2NE (SW)	628	4	408920 333490
163	BGS Boreholes BGS Reference: Sk03se182 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 5	A7NW (W)	601	4	408553 334244
163	BGS Boreholes BGS Reference: Sk03se183 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 6	A7NW (W)	607	4	408553 334277
163	BGS Boreholes BGS Reference: Sk03se189 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 12	A7NW (W)	607	4	408549 334253
163	BGS Boreholes BGS Reference: Sk03se188 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 11	A7NW (W)	639	4	408521 334279
163	BGS Boreholes BGS Reference: Sk03se187 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 10	A7NW (W)	653	4	408515 334315
163	BGS Boreholes BGS Reference: Sk03se186 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 9	A7NW (W)	669	4	408495 334299
163	BGS Boreholes BGS Reference: Sk03se184 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 7	A7NW (W)	686	4	408473 334279
164	BGS Boreholes BGS Reference: Sk03se156 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws17	A3NW (S)	613	4	409030 333460
164	BGS Boreholes BGS Reference: Sk03se175 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter 2	A3NW (S)	619	4	409040 333450
164	BGS Boreholes BGS Reference: Sk03se157 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws18	A3NW (S)	636	4	409050 333430
164	BGS Boreholes BGS Reference: Sk03se158 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws19	A3NW (S)	644	4	409020 333430
165	BGS Boreholes BGS Reference: Sk03se72 Drilled Length (m): 9 Borehole Name: Dairy Crest Creamery Bh1	A3NE (S)	615	4	409520 333510
166	BGS Boreholes BGS Reference: Sk03se178 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 1	A7NW (W)	617	4	408531 334194

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
166	BGS Boreholes BGS Reference: Sk03se179 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 2	A7NW (W)	617	4	408534 334222
167	BGS Boreholes BGS Reference: Sk13sw31 Drilled Length (m): 10.18 Borehole Name: A564 Doveridge Bypass Bhd1/109	A14SE (E)	618	4	410030 334436
168	BGS Boreholes BGS Reference: Sk03se73 Drilled Length (m): 9 Borehole Name: Dairy Crest Creamery Bh2	A4NW (SE)	629	4	409680 333530
169	BGS Boreholes BGS Reference: Sk03se170 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws31	A2NE (S)	634	4	408970 333460
169	BGS Boreholes BGS Reference: Sk03se171 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws32	A3NW (S)	658	4	408980 333430
169	BGS Boreholes BGS Reference: Sk03se169 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws30	A2NE (S)	659	4	408930 333450
169	BGS Boreholes BGS Reference: Sk03se165 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws26	A2NE (S)	678	4	408950 333420
169	BGS Boreholes BGS Reference: Sk03se163 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws24	A2NE (S)	686	4	408910 333430
169	BGS Boreholes BGS Reference: Sk03se172 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws33	A2NE (S)	689	4	408970 333400
169	BGS Boreholes BGS Reference: Sk03se164 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws25	A2NE (S)	710	4	408940 333390
170	BGS Boreholes BGS Reference: Sk13sw190 Drilled Length (m): 3 Borehole Name: A564doveridge Bypass Tpd2/611	A14SE (E)	635	4	410057 334416
170	BGS Boreholes BGS Reference: Sk13sw101 Drilled Length (m): 4 Borehole Name: A564 Doveridge Bypass Bhd1/210	A14SE (E)	644	4	410061 334430
171	BGS Boreholes BGS Reference: Sk03se116 Drilled Length (m): 100 Borehole Name: Holly Road, Uttoxeter, Staffs	A7NW (W)	649	4	408500 334100
172	BGS Boreholes BGS Reference: Sk03se15 Drilled Length (m): 13.71 Borehole Name: Bamford Sports Ground	A7SE (SW)	656	4	408650 333710
173	BGS Boreholes BGS Reference: Sk03ne62 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 9	A17SE (NW)	660	4	408840 335270
174	BGS Boreholes BGS Reference: Sk03se74 Drilled Length (m): 9.1 Borehole Name: Dairy Crest Creamery Bh3	A3NE (S)	675	4	409580 333460



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	BGS Boreholes BGS Reference: Sk03se82 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpe	A3NE (S)	690	4	409610 333450
174	BGS Boreholes BGS Reference: Sk03se83 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpf	A3NE (S)	701	4	409560 333430
175	BGS Boreholes BGS Reference: Sk03se173 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws34	A3NW (S)	679	4	409000 333400
175	BGS Boreholes BGS Reference: Sk03se167 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws28	A3NW (S)	711	4	408990 333370
175	BGS Boreholes BGS Reference: Sk03se166 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws27	A2NE (S)	721	4	408960 333370
176	BGS Boreholes BGS Reference: Sk03se75 Drilled Length (m): 9.6 Borehole Name: Dairy Crest Creamery Bh4	A3NE (S)	679	4	409650 333470
176	BGS Boreholes BGS Reference: Sk03se81 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpd	A4NW (S)	694	4	409670 333460
176	BGS Boreholes BGS Reference: Sk03se80 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpc	A4NW (S)	716	4	409680 333440
177	BGS Boreholes BGS Reference: Sk13sw168 Drilled Length (m): 8.45 Borehole Name: A564doveridge Bypass D2/508	A14SE (E)	687	4	410100 334448
177	BGS Boreholes BGS Reference: Sk13sw102 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd1/211	A14SE (E)	689	4	410091 334472
177	BGS Boreholes BGS Reference: Sk13sw189 Drilled Length (m): 4 Borehole Name: A564doveridge Bypass Tpd2/610	A14SE (E)	716	4	410123 334467
178	BGS Boreholes BGS Reference: Sk03se185 Drilled Length (m): Not Supplied Borehole Name: Holly Road Uttoxeter Tp 8	A7NW (W)	696	4	408472 334320
179	BGS Boreholes BGS Reference: Sk03se77 Drilled Length (m): 9.1 Borehole Name: Dairy Crest Creamery Bh6	A4NW (SE)	702	4	409700 333460
180	BGS Boreholes BGS Reference: Sk03se76 Drilled Length (m): 11.1 Borehole Name: Dairy Crest Creamery Bh5	A3NE (S)	709	4	409550 333420
181	BGS Boreholes BGS Reference: Sk03se162 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws23	A2NE (S)	713	4	408910 333400
181	BGS Boreholes BGS Reference: Sk03se160 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws21	A2NE (SW)	735	4	408880 333390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
181	BGS Boreholes BGS Reference: Sk03se176 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter 3	A2NE (SW)	744	4	408880 333380
181	BGS Boreholes BGS Reference: Sk03se159 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws20	A2NE (S)	753	4	408880 333370
182	BGS Boreholes BGS Reference: Sk03ne63 Drilled Length (m): 6.1 Borehole Name: Uttoxeter B5030 10	A17SE (N)	716	4	408900 335360
183	BGS Boreholes BGS Reference: Sk03se161 Drilled Length (m): Not Supplied Borehole Name: Cattle Market Uttoxeter Ws22	A2NE (SW)	718	4	408860 333420
184	BGS Boreholes BGS Reference: Sk03se1/B Drilled Length (m): 20.73 Borehole Name: United Dairies	A3NE (S)	721	4	409620 333420
185	BGS Boreholes BGS Reference: Sk03se8 Drilled Length (m): 11.05 Borehole Name: M6-M1 Stage M6 To Sudbury Bh76	A12NW (NW)	737	4	408430 334870
186	BGS Boreholes BGS Reference: Sk13sw32 Drilled Length (m): 10.4 Borehole Name: A564 Doveridge Bypass Bhd1/110	A14SE (E)	749	4	410186 334405
186	BGS Boreholes BGS Reference: Sk13sw33 Drilled Length (m): 10.73 Borehole Name: A564 Doveridge Bypass Bhd1/111	A14SE (E)	788	4	410217 334431
187	BGS Boreholes BGS Reference: Sk03se78 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpa	A4NW (S)	760	4	409700 333400
187	BGS Boreholes BGS Reference: Sk03se84 Drilled Length (m): 4 Borehole Name: Dairy Crest Creamery Tpg	A4NW (SE)	762	4	409740 333410
187	BGS Boreholes BGS Reference: Sk03se85 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tph	A4NW (SE)	787	4	409730 333380
188	BGS Boreholes BGS Reference: Sk13sw104 Drilled Length (m): 1 Borehole Name: A564 Doveridge Bypass Bhd1/213	A14SE (E)	761	4	410200 334400
188	BGS Boreholes BGS Reference: Sk13sw103 Drilled Length (m): 2 Borehole Name: A564 Doveridge Bypass Bhd1/212	A14SE (E)	792	4	410217 334441
189	BGS Boreholes BGS Reference: Sk03ne64 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 11	A17NE (N)	780	4	408970 335450
190	BGS Boreholes BGS Reference: Sk03se79 Drilled Length (m): 2 Borehole Name: Dairy Crest Creamery Tpb	A4SW (S)	810	4	409710 333350
191	BGS Boreholes BGS Reference: Sk03se197 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp7	A7NW (W)	829	4	408320 334090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	BGS Boreholes BGS Reference: Sk13nw11 Drilled Length (m): 7 Borehole Name: Stoke-Derby M/Way Bh80	A14NE (NE)	834	4	410170 335020
193	BGS Boreholes BGS Reference: Sk03se196 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp6	A7NW (W)	837	4	408310 334120
193	BGS Boreholes BGS Reference: Sk03se199 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp9	A6NE (W)	850	4	408300 334080
193	BGS Boreholes BGS Reference: Sk03se192 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp2	A6NE (W)	857	4	408290 334130
193	BGS Boreholes BGS Reference: Sk03se198 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp8	A6NE (W)	858	4	408290 334100
193	BGS Boreholes BGS Reference: Sk03se194 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp4	A6NE (W)	867	4	408280 334120
193	BGS Boreholes BGS Reference: Sk03se193 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp3	A6NE (W)	877	4	408270 334140
193	BGS Boreholes BGS Reference: Sk03se200 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp10	A6NE (W)	878	4	408270 334100
193	BGS Boreholes BGS Reference: Sk03se201 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp11	A6NE (W)	880	4	408270 334070
193	BGS Boreholes BGS Reference: Sk03se195 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp5	A6NE (W)	888	4	408260 334110
194	BGS Boreholes BGS Reference: Sk03ne65 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 12	A18NW (N)	839	4	409020 335520
195	BGS Boreholes BGS Reference: Sk03se112 Drilled Length (m): Not Supplied Borehole Name: B.R. Uttoxeter	A3SW (S)	849	4	409300 333200
196	BGS Boreholes BGS Reference: Sk13sw34 Drilled Length (m): 10.26 Borehole Name: A564 Doveridge Bypass Bhd1/112	A14SE (E)	849	4	410296 334395
197	BGS Boreholes BGS Reference: Sk03se191 Drilled Length (m): Not Supplied Borehole Name: Weaver Lodge Windsor Road Uttoxeter Lp1	A6NE (W)	857	4	408290 334150
198	BGS Boreholes BGS Reference: Sk03se3 Drilled Length (m): 4.57 Borehole Name: Uttoxeter Swimming Bath 1	A2SE (SW)	865	4	408810 333280
198	BGS Boreholes BGS Reference: Sk03se4 Drilled Length (m): 4.57 Borehole Name: Uttoxeter Swimming Bath 2	A2SE (SW)	892	4	408810 333250

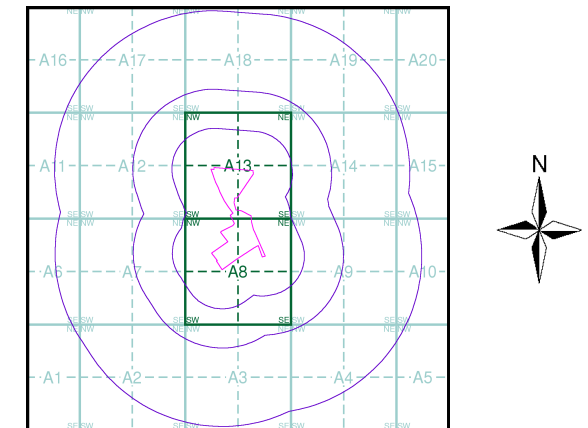
Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	BGS Boreholes BGS Reference: Sk03ne66 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 13	A18NW (N)	892	4	409060 335580
200	BGS Boreholes BGS Reference: Sk03se1/A Drilled Length (m): 8.53 Borehole Name: United Dairies	A3SE (S)	920	4	409630 333220
201	BGS Boreholes BGS Reference: Sk03se34 Drilled Length (m): 189.73 Borehole Name: Old Brewery Uttoxeter	A3SE (S)	928	4	409600 333200
202	BGS Boreholes BGS Reference: Sk13sw35 Drilled Length (m): 10.79 Borehole Name: A564 Doveridge Bypass Bhd1/113	A15SW (E)	943	4	410393 334399
202	BGS Boreholes BGS Reference: Sk13sw36 Drilled Length (m): 10.48 Borehole Name: A564 Doveridge Bypass Bhd1/114	A15SW (E)	966	4	410403 334443
203	BGS Boreholes BGS Reference: Sk13sw105 Drilled Length (m): Not Supplied Borehole Name: A564 Doveridge Bypass Bhd1/214	A15SW (E)	946	4	410387 334429
204	BGS Boreholes BGS Reference: Sk13sw106 Drilled Length (m): 3 Borehole Name: A564 Doveridge Bypass Bhd1/215	A15SW (E)	956	4	410406 334401
205	BGS Boreholes BGS Reference: Sk03ne67 Drilled Length (m): 6 Borehole Name: Uttoxeter B5030 14	A18NW (N)	968	4	409100 335660
206	BGS Boreholes BGS Reference: Sk03se7 Drilled Length (m): 7.8 Borehole Name: M6-M1 Stage M6 To Sudbury Bh75	A11NE (NW)	983	4	408180 334880

BGS Boreholes	Version	Update Cycle
BGS Boreholes British Geological Survey - National Geoscience Information Service	April 2010	Quarterly

Contact Details	Contact Logo
<p>4 British Geological Survey - Enquiry Service</p> <p>British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG</p> <p>Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk</p>	 <p>British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL</p>
<p>- Landmark Information Group Limited</p> <p>The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB</p> <p>Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk</p>	

- 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 Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - River Quality Sampling Point
 - Substantiated Pollution Incident Register
 - Water Abstraction
 - Water Industry Act Referral
- Waste**
- BGS Recorded Landfill Site (Location)
 - BGS Recorded Landfill Site
 - EA Historic Landfill (Buffered Point)
 - EA Historic Landfill (Polygon)
 - Integrated Pollution Control Registered Waste Site
 - Licensed Waste Management Facility (Landfill Boundary)
 - Licensed Waste Management Facility (Location)
 - Local Authority Recorded Landfill Site (Location)
 - Local Authority Recorded Landfill Site
 - Registered Landfill Site
 - Registered Landfill Site (Location)
 - Registered Landfill Site (Point Buffered to 100m)
 - Registered Landfill Site (Point Buffered to 250m)
 - Registered Waste Transfer Site (Location)
 - Registered Waste Transfer Site
 - Registered Waste Treatment or Disposal Site (Location)
 - Registered Waste Treatment or Disposal Site
- Hazardous Substances**
- COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
- Geological**
- BGS Recorded Mineral Site
- Industrial Land Use**
- Contemporary Trade Directory Entry
 - Fuel Station Entry

Site Sensitivity Map - Slice A

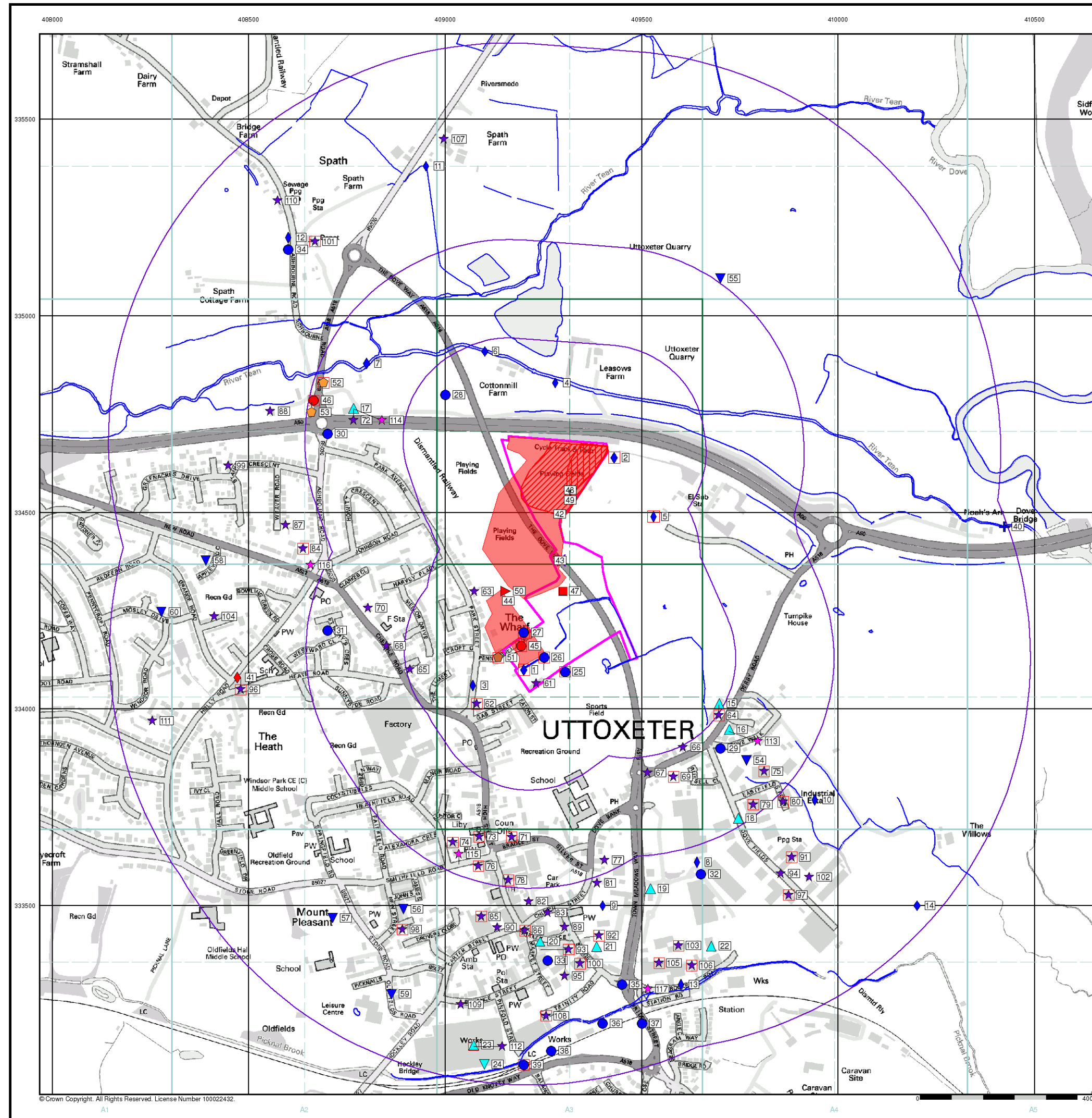


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



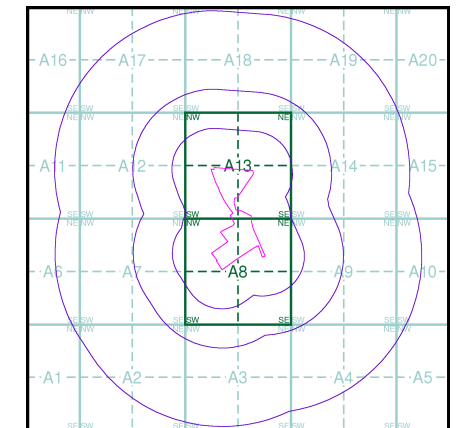
General

- 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

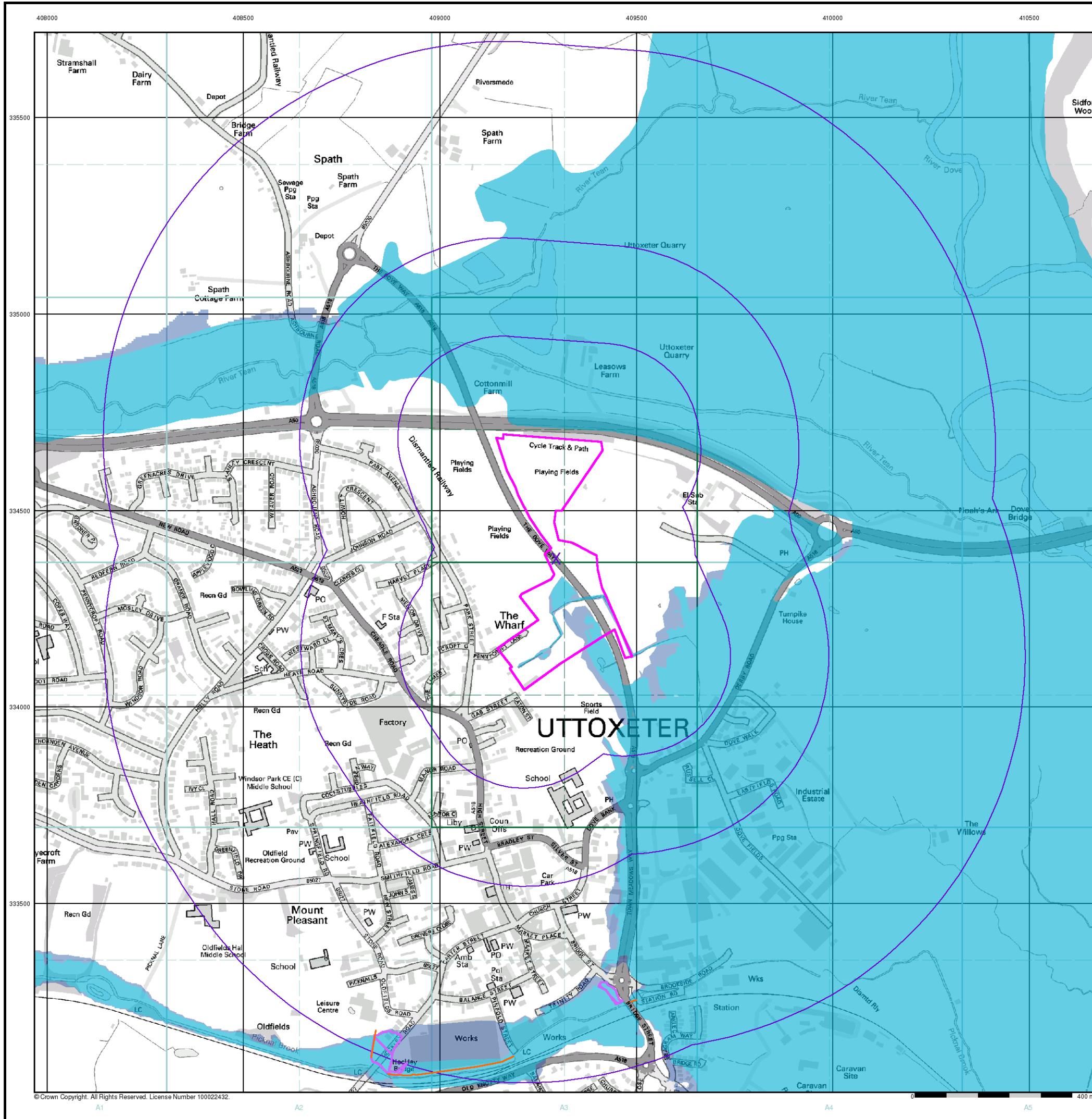


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



General

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

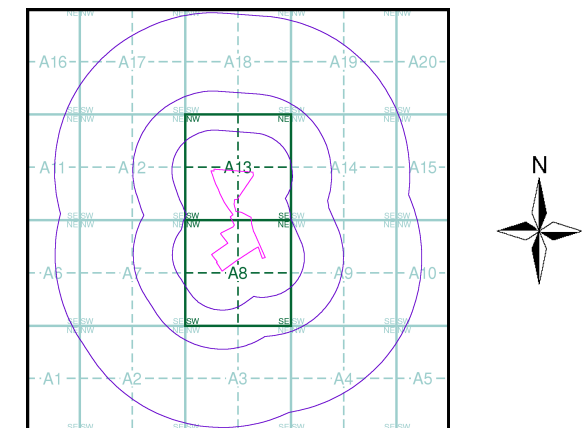
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

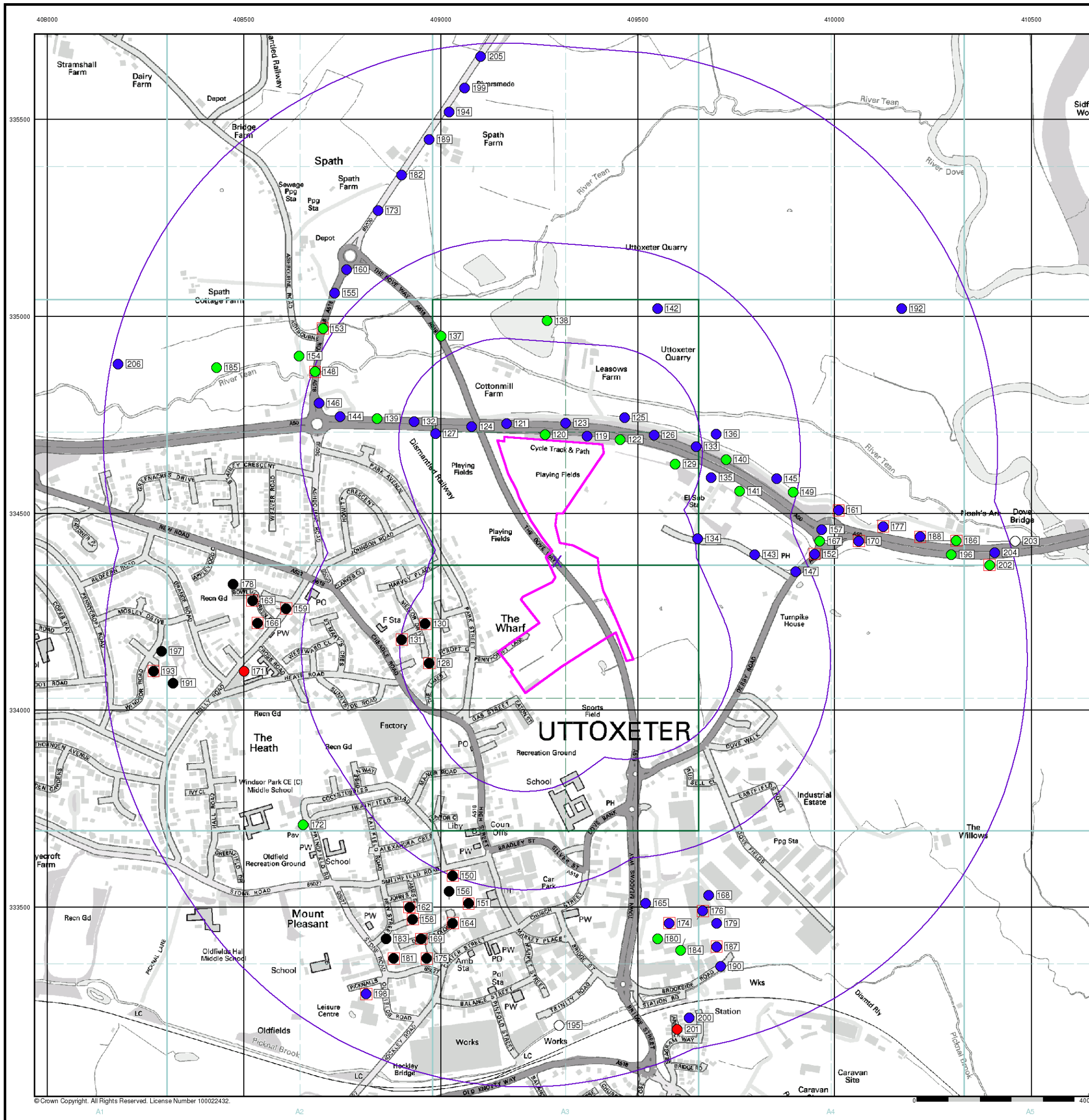


Order Details

Order Number: 31645632_1_1
 Customer Ref: NTE285
 National Grid Reference: 409300, 334380
 Slice: A
 Site Area (Ha): 9.91
 Search Buffer (m): 1000

Site Details

2 Dove Bank, UTTOXETER, Staffordshire, ST14 8DZ



APPENDIX 5
CIRIA RISK CLASSIFICATION SCHEME

BWB Risk Assessment Criteria (after CIRIA Report C552, Contaminated Land Risk Assessment: A Guide to Good Practice, 2001)

CIRIA Report C552, Contaminated Land Risk Assessment A Guide to Good Practice, 2001 sets out a methodology for estimating risk. The methodology for risk evaluation is a qualitative method for interpreting the output for the risk estimation stage of the assessment. It involves the classification of the:

- Magnitude of the potential consequence (severity) of risk occurring
- Magnitude of the probability (likelihood) of the risk occurring

Risk Evaluation Matrix

		Consequence			
		Severe (Sv)	Medium (Md)	Mild (Mi)	Minor (Mr)
Probability	High likelihood (Hi)	Very high risk (VH)	High Risk (H)	Moderate Risk (M)	Mod/low risk (M/L)
	Likely (Li)	High risk (H)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)
	Low likelihood (Lw)	Moderate risk (M)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)
	Unlikely (Ul)	Mod/low risk (M/L)	Low risk (L)	Very low risk (VL)	Very low risk (VL)

Risk Categorisations

Very high risk (VH)	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High risk (H)	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short-term and are likely over the longer-term.
Moderate risk (M)	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer-term.
Low risk (L)	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
Very low risk (VL)	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.

Classification of Consequence

Classification	Definition	Examples
Severe (Sv)	Short term (acute) risk to human health likely to result in "significant harm" as defined by the Environment protection Act 1990, Part IIA. Short term risk of pollution of controlled waters. Catastrophic damage to buildings/property. A short-term risk to a particular ecosystem, or organism forming part of such ecosystem	High concentrations of cyanide on the surface of an informal recreation area Major spillage of contaminants from site into controlled water. Explosion causing building collapse (can also equate to a short term human health risk if buildings are occupied.)
Medium (Md)	Chronic damage to Human Health ("significant harm"). Pollution of controlled waters. A significant change in a particular ecosystem, or organism forming part of such ecosystem.	Concentrations of contaminants from site exceeding generic or site specific screening criteria Leaching of contaminants into a major or minor aquifer. Death of species within a designated nature reserve.
Mild (Mi)	Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services. Damage to sensitive buildings/structures/services or the environment	Pollution of non-classified groundwater Damage to building rendering it unsafe to occupy. (e.g. foundation damage resulting in instability)
Minor (Mr)	Harm, although not necessarily significant harm, which may result in a financial loss, or expenditure to resolve. Non-permanent health effects to human health (easily prevented by measures such as protective clothing etc). Easily reparable effects of damage to buildings, structures and services	The presence of contaminants at such concentration that protective equipment is required during site works. The loss of plants in a landscaping scheme. Discolouration of concrete.

The classification of consequence does not take into account the probability of the consequence being realised. Therefore there may be more than one consequence for a particular pollutant linkage. Both a severe and medium classification can result in death. Severe relates to short term (acute) risk while medium relates to long term (chronic) risk. Mild relates to significant harm but to less sensitive receptors. Minor classification relates to harm which is not significant but could have a financial cost.

Classification of Probability

Classification	Definition
High likelihood (Hi)	There is a pollutant linkage and an event that either appears very likely in the short term and almost inevitable in the long term, or there is evidence at the receptor or harm or pollution
Likely (Li)	There is a pollutant linkage and all the elements are present and in the right place, which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.
Low likelihood (Lw)	There is a pollutant linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place and is less likely in the short term.
Unlikely (UI)	There is a pollutant linkage but circumstances are such that it is improbable that an event would occur even in the very long term.

The classification gives a guide as to the severity and consequence of identified risk when compared with other risk presented on the site. It should be noted that if a risk is identified it cannot be classified as “no risk” but as “very low risk”. Differing stakeholders may have a different view on the acceptability of a risk.

Reference

Rudland, D J, Lancefield, R M, Mayell, P N; 2001; Contaminated land Risk Assessment. A guide to Good Practice; CIRIA Report C552.



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