

Ref: 6084/R1

**Weston Road
Aston-on-Trent
Derbyshire**

**Phase 1 Geoenvironmental Assessment
(Desk Study)**

January 2017



REPORT DETAILS

Site Name: Weston Road, Aston-on-Trent, Derbyshire

Report Title: Phase 1 Geoenvironmental Assessment (Desk Study)

Report Number: 6084/R1

Revision	Date	Status
-	January 2017	For Approval

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2A Envirocheck

2B South Derbyshire DC Environmental Health

EXECUTIVE SUMMARY

To be read in conjunction with full report.

Site	- Consists of two separate fields. Smaller northern field is fallow and is accessed from Valerie Road. Southern field is part of large arable field, and is accessed from Weston Road. - Small pond and trees in south west corner of northern field. - Drainage ditches along most of the field boundaries. - 750mm diameter piped drainage outfall from northern end of eastern boundary with Weston Road. - Standing stone in northern field is indicated on 1885 O.S. mapping
Historical Maps	- In an area of sporadic historic extraction activities with brickworks to the north but all some distance from the site. - Hospital appears by 1937 to the east becoming redeveloped c.2000. - Nearest gravel pit 200m to the east in the area of the former hospital but disappears in conjunction with redevelopment of the hospital for housing. - Workings recorded onsite from 1882 being extended by 1963 and have disappeared having been filled by 1982. - Pump and very small pond at north boundary of site.
Geology and Hydrogeology	- Mapping indicates the site as centrally being free of superficial deposits with till (clay) to the north west and clay, silt, sand and gravel to the south east. - At surface centrally, and likely to be weathered, and underlying the superficial deposits is mudstone. - Superficial Aquifer Designation given variously as Secondary Aquifer-A, Undifferentiated and Unproductive Strata. - Bedrock Aquifer designation given as Secondary Aquifer-B. - Site is not located within a Source Protection Zone.
Hydrology and Flooding	- Site located in an area of EA Flood Zone 1 and 600m from the nearest recorded areas of Zones 2 and 3. - Reference should be made to the separate Flood Risk Assessment.
Mining and Extraction	- Site not at risk from coal mining. - Gravel pit within site, now filled.
Waste and Landfill Sites	- Former gravel pit within the site recorded as being filled from 1977 to 1982 with commercial waste, non-hazardous industrial wastes and wastes from the construction industry. - Otherwise nearest activity related to old gravel pit 200m to the east now redeveloped for housing all to the approval of the LPA.
Contaminated Land Issues	- South Derbyshire DC highlight presence of former landfill within site.
Hazardous Ground Gases	- Landfill within the site presents a source of risk. - Not within an area at risk from radon.

Site Investigation	- General ground conditions to be investigated for geotechnical and environmental purposes with targeted investigation of landfill area required. - Strip foundations may well prove appropriate generally, but abnormal foundations anticipated in landfill area, all subject to investigation. - Potential sources of contamination identified associated with landfill, again all subject to investigation.
Infiltration	- Ground conditions anticipated as being unlikely to be suitable for surface water infiltration but to be kept under review as investigation progresses.
Invasive Plants	- None identified but needs to be subject to a specialist assessment.

1.0 INTRODUCTION

1.1 Appointment

- 1.1.1 In April 2016, Lees Roxburgh Limited were commissioned by Gladman Developments to carry out a Phase 1 Geoenvironmental Assessment on an area of land off Weston Road, Aston-on-Trent, Derbyshire.

The Geoenvironmental Assessment covers a Phase 1 Desk Study.

1.2 Proposed Development

- 1.2.1 A residential housing development is proposed.

1.3 Objectives

- 1.3.1 The objectives of the Phase 1 Geoenvironmental Assessment of the site are summarised as follows;

- Determine the historical and environmental setting of the site.
- Determine the geology, hydrogeology and hydrology of the area of the site.
- Advise on anticipated ground conditions.
- Identify potential environmental hazards to the development.
- Prepare a preliminary risk assessment where potential hazards to the development have been identified.
- Set out proposals for physical site investigation works (Phase 2 Geoenvironmental Assessment).

1.4 Scope of Work

- 1.4.1 The Phase 1 Desk Study element of the work has been based on reference to, and must be read in conjunction with, the following;

- Site walkover
- Landmark Envirocheck Report – **Appendix 2A**
- South Derbyshire District Council – **Appendix 2B**

- 1.4.2 This report describes the findings of the assessment work and provides recommendations in respect of site investigation works.

- 1.4.3 Lees Roxburgh Limited, having exercised reasonable skill, care and diligence in preparing this report, shall not be held liable for any loss arising from erroneous information received from third parties.

- 1.4.4 This report has been prepared specifically for Gladman Developments and their advisors and reliance on its contents cannot be placed by any third party without the express permission of Lees Roxburgh.

2.0 SITE LOCATION AND DESCRIPTION

2.1 Location

- 2.1.1 The site is centred on National Grid references 440870, 329340 and is 10.3 hectares in area (**Appendix 1A**).
- 2.1.2 The site is situated on the western outskirts of Aston-on-Trent some 9km to the south east of Derby town centre.

2.2 Surrounding Land Use and Access

- 2.2.1 The site fronts to the east in part onto Weston Road and also onto the rear of properties built around Valerie Road, off Weston Road.

There are currently two separate entrances into the site: one into the northern area via a hedgeline opening at the end of Valerie Road, and one into the southern area directly off Weston Road at the south east corner of the site.

- 2.2.2 Immediately beyond Weston Road to the south east there is an area of Aston housing built off Willow Park Way, then open farmland leading to the Trent and Mersey Canal 1km away and the River Trent 1.6km away, both trending in a south west to north easterly direction. Between the canal and the river there are numerous large water bodies and a railway line.

To the east there is an area of open grassland and Aston Hall, and north east there is the major area of Aston housing, with mainly open farmland and sporadic farms then extending to the A50 dual carriageway 1.8km away.

A Hanson sand and gravel quarry is located 1.5km to the east of the site and on the east side of the Trent and Mersey Canal, with nearby water lagoons.

- 2.2.3 To the north of the site a line of properties front onto Chellaston Road some 150m away and running in a north west to south easterly direction. Beyond this road, open fields extend 1km northwards to the major road junction of the A50 Derby Southern By-Pass, which arcs around the north of the site, and the Derby Spur road heading north away from the road junction with open farmland either side.
- 2.2.4 To the west, farm fields extend 1.2km to the A50 as it continues its arc around the site, with open fields and isolated farmsteads to the north west, west and south west over a considerable distance.
- 2.2.5 Beyond the southern boundary, farm fields extend along the west side of Weston Road down to Weston Hall Farm, with two large fishery ponds, and the village of Weston-on-Trent 1km away.

2.3 Site Description

- 2.3.1 The site comprises two distinct field areas forming an 'L' shape overall (**Appendix B**).

- 2.3.2 The northern field is currently fallow with long grass. There is a single standing stone close to the centre of the field that is recorded on historical mapping. The south west corner of this field contains a small pond surrounded by a few trees.
- 2.3.3 The southern area of the site is much larger, being part of an arable field that extends further to the west. This field is currently set to a wheat crop.
- 2.3.4 Hedged ditches form the majority of the site boundaries, with a variety of rear garden fences at property boundaries.

At the internal elbow of the 'L' shape, the boundary is lined with a well-maintained leylandii hedge and there is no ditch. Moving east from this location, there is a post and rail timber fence to an adjoining small grassed field, and then a hedge line to the property fronting onto Weston Road.

The southern site boundary is formed by a drainage ditch, and the southern extent of the western boundary is not defined, as this area of the site is part of the larger arable field.

The eastern boundary has a drainage ditch within the Weston Road verge where there is no hedge.

2.4 Topography

- 2.4.1 Overall the ground levels fall in a south easterly to easterly direction, becoming shallower towards Weston Road, with a low point located at the northern extent of the Weston Road boundary.
- 2.4.2 Reference should be made to the topographical survey, but falls can be summarised as follows for the two distinct areas of the site;

•	Level at NW corner of northern field ...	54.5m AOD
•	Level at SW corner of northern field ...	52.0m AOD
•	Level at NE corner of northern field ...	44.5m AOD
•	Level at SE corner of northern field ...	43.5m AOD
•	Level at SW corner of southern field ...	49.0m AOD
•	Level at SE corner adj Weston Road ...	41.5m AOD
•	Level at NE corner adj Weston Road ...	40.5m AOD

The fall from the western boundary over much of the site is between 1 in 20 and 1 in 30, steepening to the west but becoming much shallower close to Weston Road.

2.5 Existing Drainage

- 2.5.1 Drainage ditches line the majority of the site boundaries and fall towards the Weston Road boundary (**Appendix 1B**).

- 2.5.2 The ditches around the northern field converge at its south east corner. All were dry at the time of the site inspection. This ditch system then stops at the point where the leylandii hedge commences, with collapsed garden fence panels preventing investigation for a possible outfall route. (Ref. 2.5.6 below).
- 2.5.3 The ditch along the southern boundary of the larger field is identified as a 'drain' on O.S. mapping. It collects water from a spring and drain to the west and connects to the ditch beside Weston Road, also designated as a 'drain'.
- 2.5.4 At the northern extent of the drain beside Weston Road, adjacent to No.128, there is a headwall to a shallow chamber that receives an incoming 600mm diameter pipe from the west and has an outgoing 750mm pipe to the north. Sewer records indicate that there is a 750mm diameter surface water drain within a manhole just 90m away to the north, at the junction of Valerie Road and Weston Road.
- 2.5.5 There is a surface water manhole to the west of the previously mentioned chamber, at the end of the garden hedgeline to No.128. Within this shallow manhole a 600mm diameter pipe turns through 90 degrees, following the garden boundary line, and evidently connects into the chamber beside Weston Road
- 2.5.6 It is conjectured that the 600mm diameter incoming pipe collects the wet weather ditch flow from the northern field and is connected to the location identified in 2.5.2 above.
- 2.5.7 Manholes within Weston Road reflect the presence of a 225mm foul sewer system indicated on Severn Trent sewer records.

3.0 HISTORICAL, GEOLOGICAL AND ENVIRONMENTAL SETTING

3.1 Sources of Information

- 3.1.1 Reference has been made to the Landmark Envirocheck report dated 25th April 2016 (**Appendix 2A**).
- 3.1.2 Reference has also been made to the Coal Authority and South Derbyshire Council Environmental Health (**Appendix 2B**).

3.2 Historical Maps

- 3.2.1 The Envirocheck report provides mapping dating back to 1882.

3.2.2

Map Dates	Surrounding Area	Site
1882 to 1901	Located in an area of open farmland with sporadic woodland and village of <i>Aston upon Trent</i> 400m to east. More extensive woodland <i>Long Walk Wood</i> to the south, south east. Area to north described as <i>Aston Hill</i>. Unnamed lane into <i>Aston upon Trent</i> forms eastern boundary of the site. A number of references to <i>Old Plaster Pit</i> and <i>Plaster Pit</i> and 3 No. references to <i>Air Shaft</i> all to the north. Nearest Old Plaster Pit is 250m from the site. <i>Tramway</i> runs east away from furthestmost reference to Old Plaster Pit. <i>Old Gravel Pit</i> 1km to the north east of the site. Railway running west-east 1.1km to the south east at its closest. Two references to <i>FishPond</i>, both large, to the south east and east 500m and 550m from the site respectively. By 1901, area of old plaster pits described as <i>Brickyard Plantation</i> and <i>Toadhole Plantation</i>. Nearest Old Plaster Pit no longer annotated as such. Rectangular feature 250m to the south east. <i>Gravel Pit</i> 650m to the south with <i>Weston Hall</i> and <i>Moat</i> just beyond. What appears to be a canal 900m to the south east.	Appears to comprise a single field and a substantial part of a second field. The boundaries correlate with physical features including the frontage lane with the exceptions of a section of the west boundary and the east boundary running to the lane. Trees denoted to some boundaries. <i>Old Marl Pit</i> identified just within west boundary. Small pond located at north west boundary. <i>Pump</i> in the north east corner. <i>Stone</i> centrally within the northern field. By 1901, no longer reference to Old Marl Pit but workings still noted, pond remains as does <i>P</i>(pump). Reference to stone has disappeared.
1923 to 1924	Continued reference to Old Plaster Pit and Pits, Air Shafts and Old Gravel Pit to the north and north east. <i>Old Sand Pit</i> and <i>Old Gravel Pit</i> also appear adjacent to <i>Brickyard Plantation</i>.	<i>Pump</i> recorded in a different position. Reference to <i>Old Gravel Pit</i> now appears at previous location of old marl pit. Pond remains with a possible smaller pond

	Tramway no longer identified. Fish Pond to the south east significantly increased in size. <i>Old Gravel Pit</i> appears 200m to the south east. Reference now to <i>Old Gravel Pit</i> adjacent to Weston Hall to the south. Another <i>Old Gravel Pit</i> appears about 1km to the south east.	appearing in the north west corner.
1937 to 1938	Development within Aston-upon-Trent has extended westerly close to the site. <i>Aston Hall Mental Hospital (Nottingham Corpn.)</i> 300m to the south east. Workings in the area of the Old Gravel Pit (but no longer annotated as such) adjacent to Weston Hall appears to have increased in extent. Some frontage development appears to the opposite side of the lane just to the south east. Small building appears fronting onto Weston Road just to the north. Hospital now <i>Aston Hall Hospital (for Mental Defectives)</i>.	Workings within the site still identified but not annotated. No longer a reference to pump. Pond remains along north west boundary. No longer a pond in the north west corner but small feature shown here, identity unknown, possible small building/shed. By 1938, arrow indicates watercourse splitting the two fields and flowing in a south easterly direction to what is now identified as <i>Weston Road</i>.
1955	<i>Trent and Mersey Canal</i> confirmed to the south east. Brick Works appears 800m to the north east.	Unchanged.
1963 to 1967	By 1967, significant increase in development extending out from Aston upon Trent noted. Hospital now simply <i>Aston Hall Hospital</i>. Old Gravel Pit in this area no longer recorded. Development off <i>Valerie Road</i> and <i>Ellison Avenue</i> abuts north east boundary but with a gap remaining down to a section of the boundary which runs down to Weston Road. Brickyard Plantation with works buildings remains but all references to plaster pits have gone as have references in the general area to gravel pits. Some frontage development onto Weston Road, north east of Weston Hall backs onto the former gravel pits which now appears wooded with ponds.	Pond remains. Workings within the western area have increased but not annotated. Watercourse centrally through the site no longer annotated but reference to <i>Drain</i> appears along the south boundary.
1982 to 1993	Limited coverage to north.	By 2006, site only comprises two fields but other than field boundaries remains clear of features. Workings no longer identified. By 1991, field boundary just to the west has disappeared. Pond remains.

1999 (Aerial)	Development appears to be in progress within the hospital site to the south east. Major road identified to the north west, north and north east with junction about 800m to the north.	Other than the internal field boundary, appears substantially clear of features although small unknown feature at site frontage.
2000 to 2016	Clearly identifies watercourses including two large water bodies within what is now Weston Hall Farm to the south west. Large former fish pond to the east remains. <i>Drain</i> again along south boundary but also one along frontage to Weston Road. Road to the north identified as the A50. By 2006, hospital site appears to have been substantially redeveloped with <i>Hospital</i> remaining but which has disappeared by 2016. By 2016, large water bodies appear between the canal and the railway and beyond the railway to the south east, about 1.2km from the site at the closest.	Remains unchanged. Ref. 2.0.

3.3 Site Geology and Hydrogeology

3.3.1 Reference to geological mapping identifies the site as centrally being free of Superficial Deposits with Diamicton Till of the Oadby Member to the north west and clay, silt, sand and gravel to the south east.

Substantially underlying these deposits is mudstone of the Branscombe Mudstone Formation and, to the south, the Edwalton Member.

3.3.2 Soils are classified as of High Leaching Potential and Not Classified.

3.3.3 Superficial Aquifer designations are given variously as Secondary Aquifer-A, Undifferentiated and Unproductive Strata.

3.3.4 Bedrock Aquifer designation is given as Secondary Aquifer-B.

3.3.5 The site is not located within a Source Protection Zone.

3.4 Estimated Soil Chemistry

3.4.1 Estimated background concentrations for the following metals have been provided;

- Arsenic <15mg/kg
- Cadmium < 1.8mg/kg
- Chromium 40-90mg/kg
- Lead < 100mg/kg
- Nickel <15-45mg/kg

- 3.4.2 These background levels are not considered as presenting a source of risk to the development.

3.5 Hydrology and Flooding

- 3.5.1 There are no main rivers in the area although a number of minor systems are identified including the systems forming the southern and eastern frontage boundary.

The nearest recorded system of any apparent substance is a tertiary river which flows west to east/south east crossing Weston Road 800m south of the site.

- 3.5.2 Reference to the flood mapping identifies the site as being located in a Zone 1 area of flood risk with an extensive area of Zone 2 and Zone 3 flood risk around the area of the large water features identified to the south east extending north of the canal up to Shardlow Road.

At its closest, this zoning is some 600m to the east of the site.

- 3.5.3 Surface water flood mapping identifies sporadic areas of flooding including an area concentrated in the east corner of the site with a band extending across the southern area of the site to the west.

- 3.5.4 Reference should be made to the separate Flood Risk Assessment in this regard.

3.6 Pollution Incidents to Controlled Waters

- 3.6.1 There are no recorded pollution incidents to controlled waters within 500m of the site.

3.7 Mining and Extraction

- 3.7.1 Reference to the Coal Authority confirms the site is not at risk from coal mining activities.

- 3.7.2 Historic references to plaster, sand and gravel pits and the brickworks reflects general extraction activities in the area albeit mainly some distance from the site.

However an old marl/gravel pit has been identified within the western area of the site.

- 3.7.3 BGS records for mineral sites confirm an area within the site as being opencast for clay and shale. Records also identify the various pits in the area which correlate with historic features.

3.8 Waste and Landfill Sites

- 3.8.1 As identified from historic mapping, there is 1 No. historic landfill within the site.

The license was granted to Siddall Contractors of The Dingle in April 1977 with the license returned upon completion of operations in May 1982.

Reference is made to no known restriction on source of waste with authorised waste comprising commercial waste, non-hazardous industrial waste and waste from the construction industry.

Prohibited waste is given as poisonous, noxious and polluting waste.

- 3.8.2 Otherwise there are no waste related sites within 0.5km of the site.

3.9 Contaminated Land Entries

- 3.9.1 South Derbyshire District Council have confirmed the former landfill presents a source of risk.

- 3.9.2 The District Council also refer to redevelopment of the adjacent hospital, within which a former gravel pit was located, and have confirmed the scheme to identify and control any contamination of land or pollution of controlled waters as having been approved by the local planning authority.

3.10 Contemporary Trade Directory and Fuel Station Entries

- 3.10.1 There is 1 No. recorded Contemporary Trade Directory Entry within 250m of the site located to AC Industrial Services at Holden Avenue, Industrial Engineers and now Inactive.

This is not deemed relevant to the development of this site.

- 3.10.2 There are no Fuel Station entries within 1km of the site.

3.11 Hazardous Ground Gas

- 3.11.1 There have been historic extraction activities in the area, mainly some distance from the site with the nearest being in the area of the former hospital to the east, now redeveloped for housing to the approval of the local planning authority.

Historic mapping has identified a former marl/gravel pit within the site which was operated as a landfill with operations being completed in May 1982. Whilst the nature of the authorised waste is such that there should be no source of landfill gas this risk nonetheless needs to be considered.

- 3.11.2 Reference to *BRE Radon – Guidance on Protective Measures for New Buildings* identifies that the site does not lie in an area which is at risk from radon and protection measures are not required.

- 3.11.3 On this basis, the risk to the development relating to landfill gas needs to be considered but that relating to radon can be discounted.

3.12 Previous Investigation Data

- 3.12.1 No available investigation data for the site has been identified.

4.0 PRELIMINARY RISK ASSESSMENT

4.1 Potential Sources of Contamination

- 4.1.1 From a review of the Desk Study stage of the work a source of environmental risk has been identified associated with the former landfill within the site.

Sections 4.1, 4.2 and 4.3 set out the general potential issues which can impact on a site of this nature. Section 4.4 addresses this specific site.

- 4.1.2 Any potential contaminants are likely to be entrained within the made ground and could potentially relate to the following determinands;

- Elements which could pose a risk to human health and/or controlled water - arsenic, cadmium, chromium VI, lead, mercury, nickel, nitrogen, selenium.
- Potentially phytotoxic elements - copper, zinc.
- Inorganic chemicals which could pose a risk to human health controlled water and/or buildings - cyanide, soluble nitrate, sulphate, sulphur.
- Other inorganic contamination - asbestos, pH conditions.
- Organic contaminants, which could pose a risk to human health and/or controlled water - polyaromatic hydrocarbons (PAH) and total petroleum hydrocarbons (TPH), polychlorinated biphenols (PCB), solvents/ SVOCs.

4.2 Potential Receptors

- 4.2.1 There are a number of receptors that could be affected by potential onsite sources of contamination, associated with development of a site. These are;

- Groundwater
- Surface Water
- Development workers exposed during groundworks
- Adjacent site users during development works, possibly exposed to soil particles
- Future end users exposed to soil in garden/landscaped areas
- Plants exposed to phytotoxic substances in soil or groundwater
- Buildings exposed to aggressive ground conditions.

4.3 Potential Pathways

- 4.3.1 The risk assessment adopted is based on the Source-Pathway-Receptor (SPR) approach where the Source comprises the potential contaminant, the Receptor is a

target which may be adversely affected by the Source and the Pathway, the means by which the contaminant may move from the Source to the Receptor.

- 4.3.2 There are a number of potential pathways for sources of contamination to reach sensitive receptors, including direct contact with the soil, air-borne vapours, dust and groundwater.

Contaminants in the soil may also generate leachate, which could potentially reach the aquifer and/or surface water bodies.

4.4 Pollutant Linkages

- 4.4.1 The following table, which represents a site-specific Conceptual Environmental Risk Model (CERM), provides a summary of potential pollution linkages and risks that could be associated with the site, in relation to the proposed residential development.

Source	Pathway	Receptor	Potential Pollution Linkage	Comment
Made Ground: Contaminants Entrained within soil at the site (e.g. toxic/ phytotoxic elements, Extreme pH Conditions hydrocarbons), PCB, SVOC etc.	Skin contact/ ingestion/ inhalation	Construction workers	Potentially Active - Medium Risk	Former landfill within the site.
	Skin contact/ ingestion/ inhalation	Site end users	Potentially Active - Medium Risk	Former landfill within the site.
	Ingestion/ inhalation	Adjacent land users	Potentially Active - Medium Risk	Former landfill within the site.
	Direct contact /dissolved	Structure.	Potentially Active - Medium Risk	Former landfill within the site.
	Roots within contaminated soils	Plant growth	Potentially Active - Medium Risk	Former landfill within the site.
Mobile Contaminants (i.e. leachates, hydrocarbons) within the ground	Leaching into groundwater	Groundwater	Potentially Active -Medium Risk	Underlain by a Secondary Aquifer. Former landfill within the site.
	As above; with flow through permeable soils	Abstractions	Inactive	The site is not within a Source Protection Zone.
	Migration through Soil	Surface water	Potentially Active -Medium Risk	Surface water systems identified on and close to the site. Former landfill within the site.
Landfill Gas	Emission From the ground	Construction workers	Active -Medium Risk	Former landfill within the site.
	As above penetrating buildings	Site end users	Active -Medium Risk	

Radon	Emissions from the ground	Construction workers	Inactive	The site is not within a radon risk area.
	As above; Penetrating buildings	Site end users		
Hazardous Ground Gasses; originating from organic degradable soils or volatile hydrocarbons	Emission From the ground	Construction workers	Potentially Active - Low Risk	No sources identified at this stage.
	As above; penetrating unprotected buildings	Site end users	Potentially Active - Low Risk	

4.4.2 In summary, it is considered from review of the source material and the existing setting of the site that the risk of contamination can be considered to be medium. Site investigation works are recommended and covered under Section 5.0.

5.0 COMMENT AND RECOMMENDATIONS

5.1 Site Investigation

5.1.1 A Phase 2 Geoenvironmental Assessment (Site Investigation) will be required at the appropriate stage.

5.1.2 A trial pit investigation is recommended as a first stage as providing the best means of identifying trench stability for construction purposes and is less susceptible to conclusions on the nature of the underlying ground conditions being distorted by local variations. This investigation should identify general conditions across the site and should also find the extent and nature of the material contained within the landfill area.

Following this first stage investigation, the requirement for investigation by borehole incorporating gas monitoring provision as necessary can then be firmed up.

5.2 Potential Foundation Requirements, Landfill Gas and Contamination Issues

5.2.1 Based on this desk study, traditional strip foundations may well be appropriate across the general area of the site but piling should be anticipated within the landfill area.

However, detailed foundation requirements can only be confirmed once physical site investigation works have been undertaken and soil conditions identified and assessed.

5.2.2 The landfill area presents a potential source of risks, not only from landfill gas but also from ground contamination.

The extent of such risks and their implications on the development can only be confirmed once physical site investigation works have been undertaken, ground conditions sampled and assessed, supplemented by testing as necessary, and gas monitoring undertaken.

5.3 Surface Water infiltration

5.3.1 On the basis of this desk study, it is considered that ground conditions are unlikely to be suitable for soakaways. Any potential for soakaways should be reviewed following the initial Trial Pit investigation.

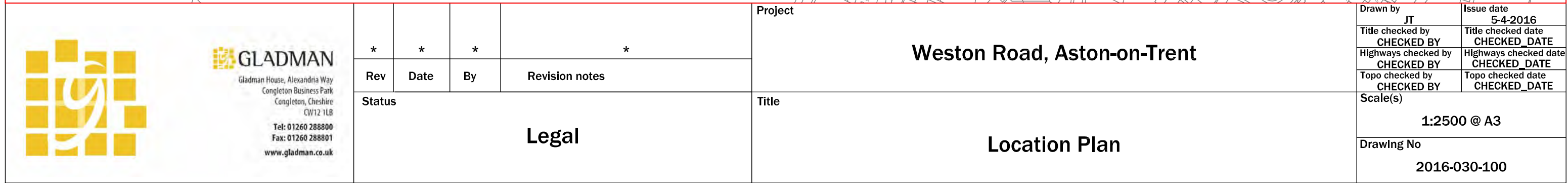
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Appendix 1: Site Details

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Appendix 1A: Site Location

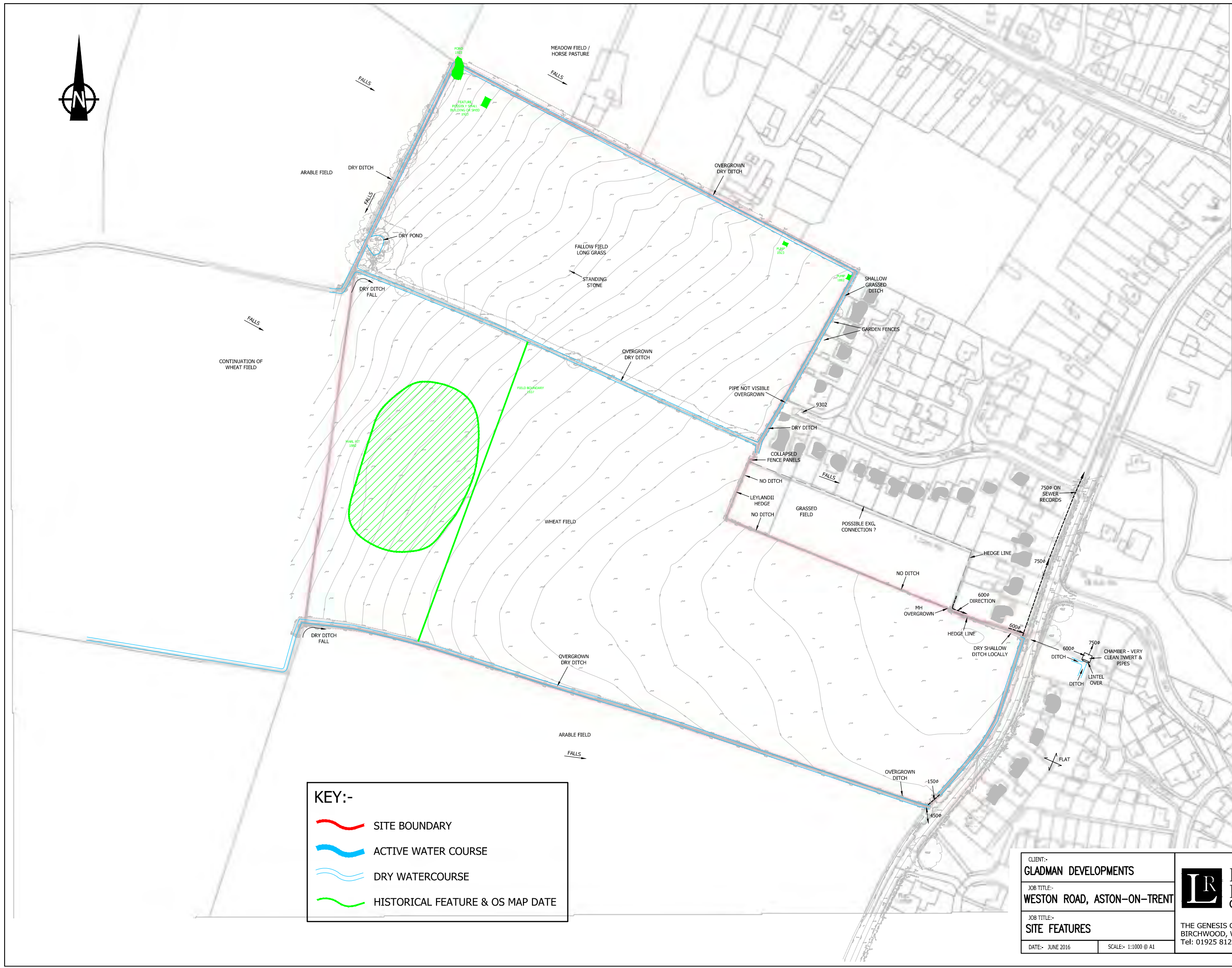
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Appendix 1B: Site Features

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 SITE BOUNDARY
 ACTIVE WATER COURSE
 DRY WATERCOURSE
 HISTORICAL FEATURE & OS MAP DATE

**LEES
ROXBURGH**
Consulting Engineers

THE GENESIS CENTRE, SCIENCE PARK SOUTH,
BIRCHWOOD, WARRINGTON, CHESHIRE, WA3 7BH.
Tel: 01925 812898 Fax: 01925 838864

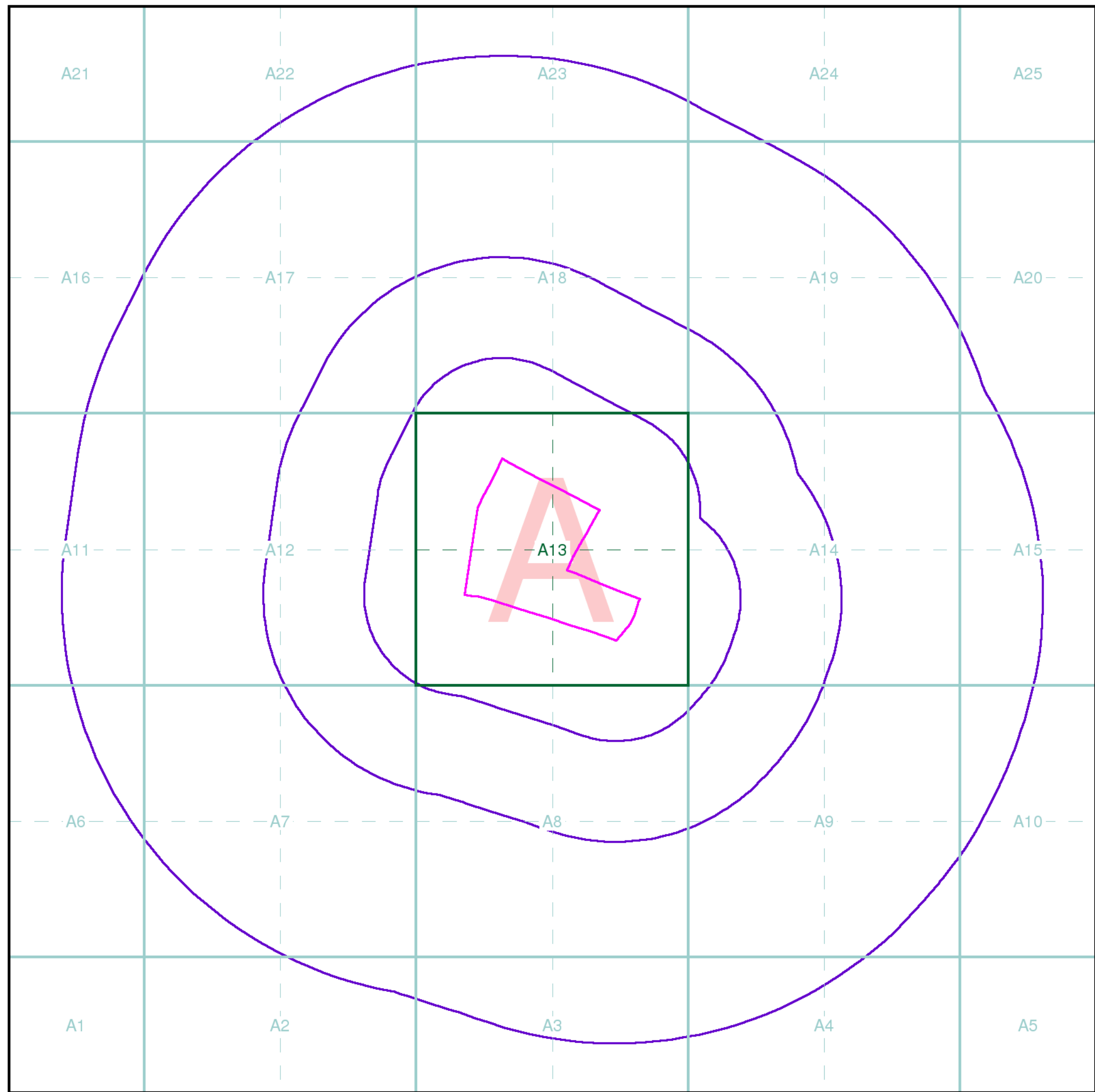
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Appendix 2: Historical, Geological and Environmental Setting

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Appendix 2A: Envirocheck Report

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Index Map

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

Slice

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

Segment

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

Quadrant

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr J Lees, Lees Roxburgh Ltd, The Genesis Centre,
Science Park South, Birchwood, Warrington, WA3 7BH

Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440850, 329350
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN

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



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

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
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	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
	Civil Parish		
	BP, BS Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

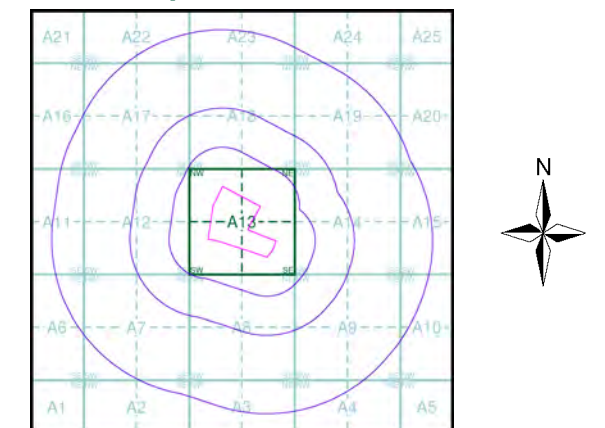
1:10,000 Raster Mapping

	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
	Mean high water (springs)		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
Leicestershire	1:10,560	1885	3
Derbyshire	1:10,560	1885	4
Derbyshire	1:10,560	1901 - 1904	5
Derbyshire	1:10,560	1923 - 1924	6
Derbyshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1955	8
Ordnance Survey Plan	1:10,000	1967	9
Ordnance Survey Plan	1:10,000	1970 - 1977	10
Ordnance Survey Plan	1:10,000	1982 - 1989	11
Derby	1:10,000	1991	12
Historical Aerial Photography	1:10,000	1999	13
10K Raster Mapping	1:10,000	2000	14
10K Raster Mapping	1:10,000	2006	15
VectorMap Local	1:10,000	2016	16

Historical Map - Slice A

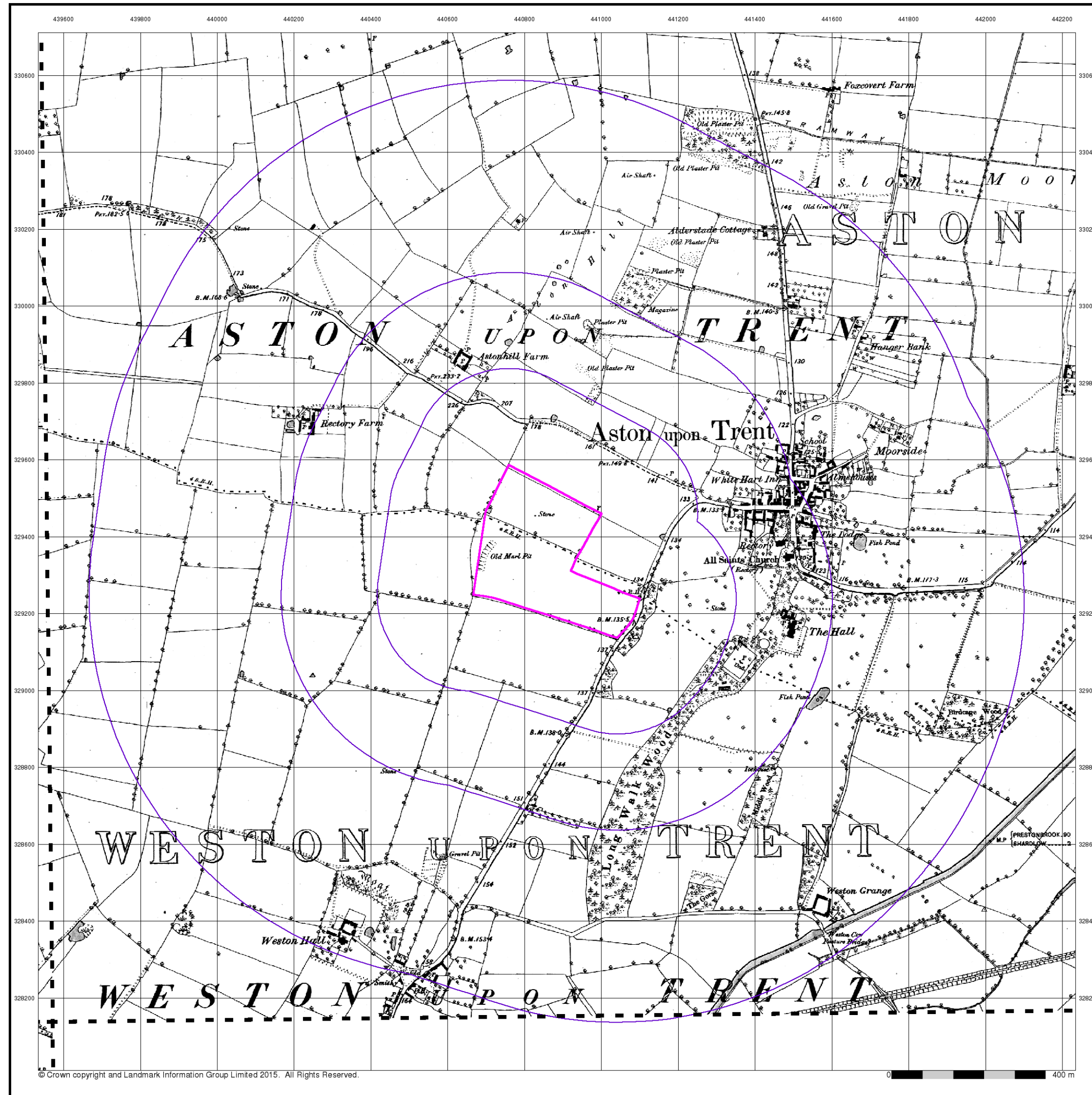


Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



Derbyshire

Published 1885

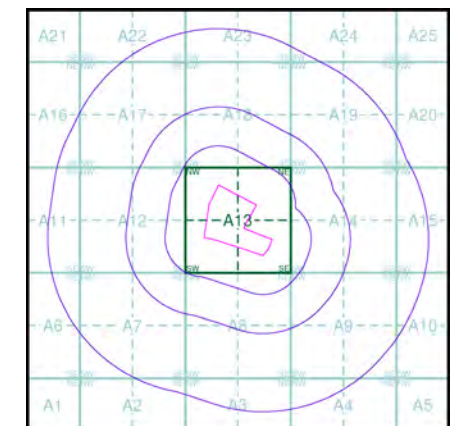
Source map scale - 1:10,560

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)

055SW 1885 1:10,560	055SE 1885 1:10,560
058NW 1885 1:10,560	

Historical Map - Slice A



Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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Derbyshire

Published 1901 - 1904

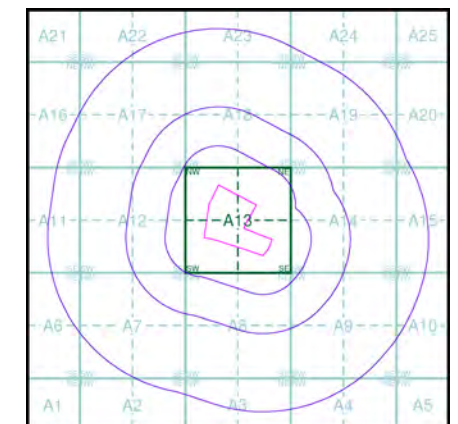
Source map scale - 1:10,560

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)

055SW 1901 1:10,560	055SE 1901 1:10,560
058NW 1901 1:10,560	058NE 1904 1:10,560

Historical Map - Slice A

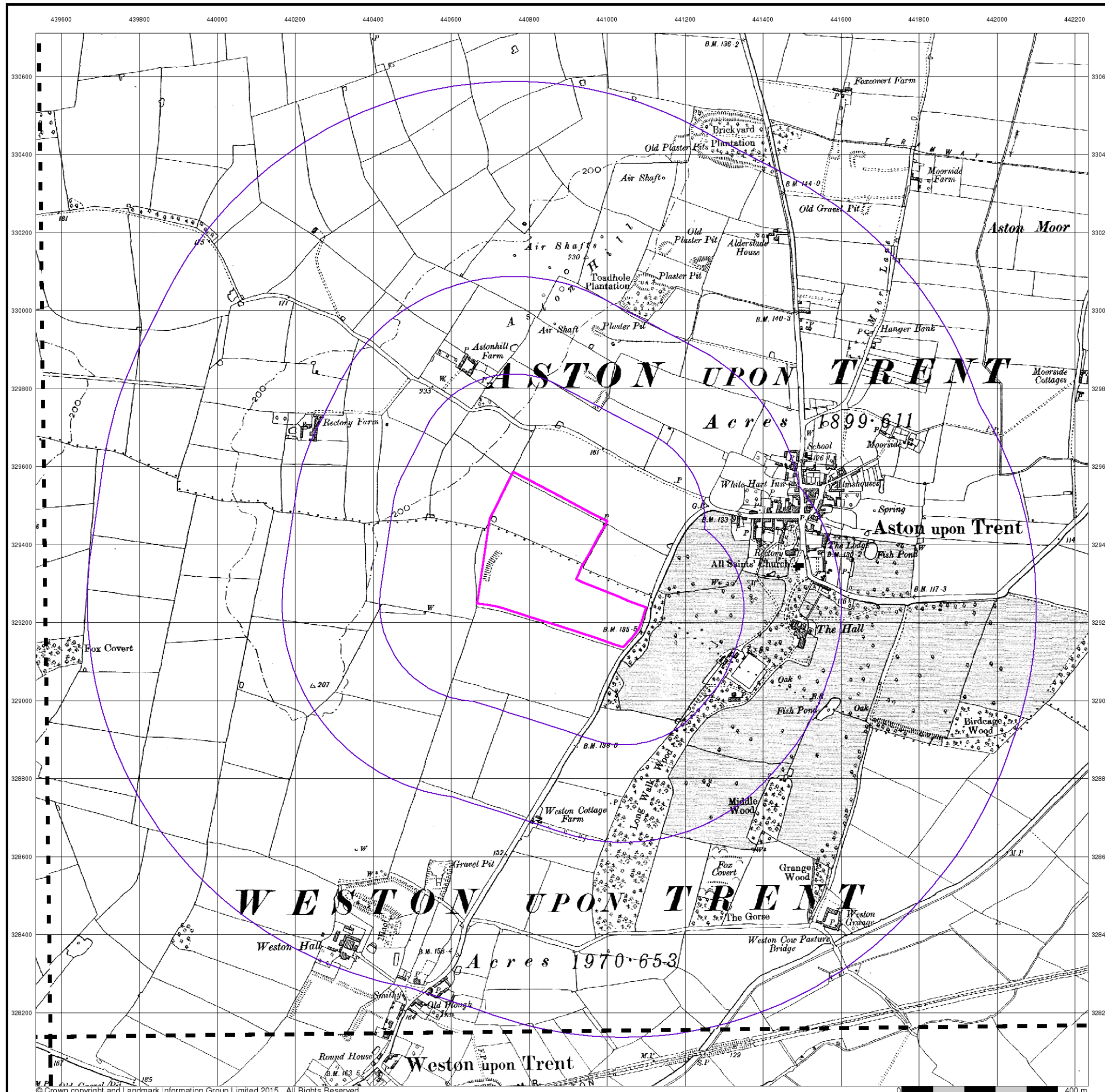


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



Derbyshire

Published 1923 - 1924

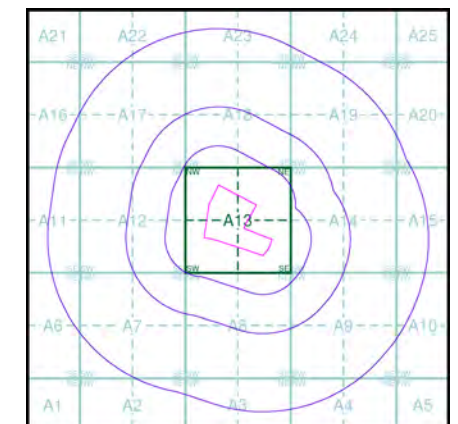
Source map scale - 1:10,560

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)

055SW 1923 1:10,560	055SE 1923 1:10,560
058NW 1924 1:10,560	058NE 1924 1:10,560

Historical Map - Slice A

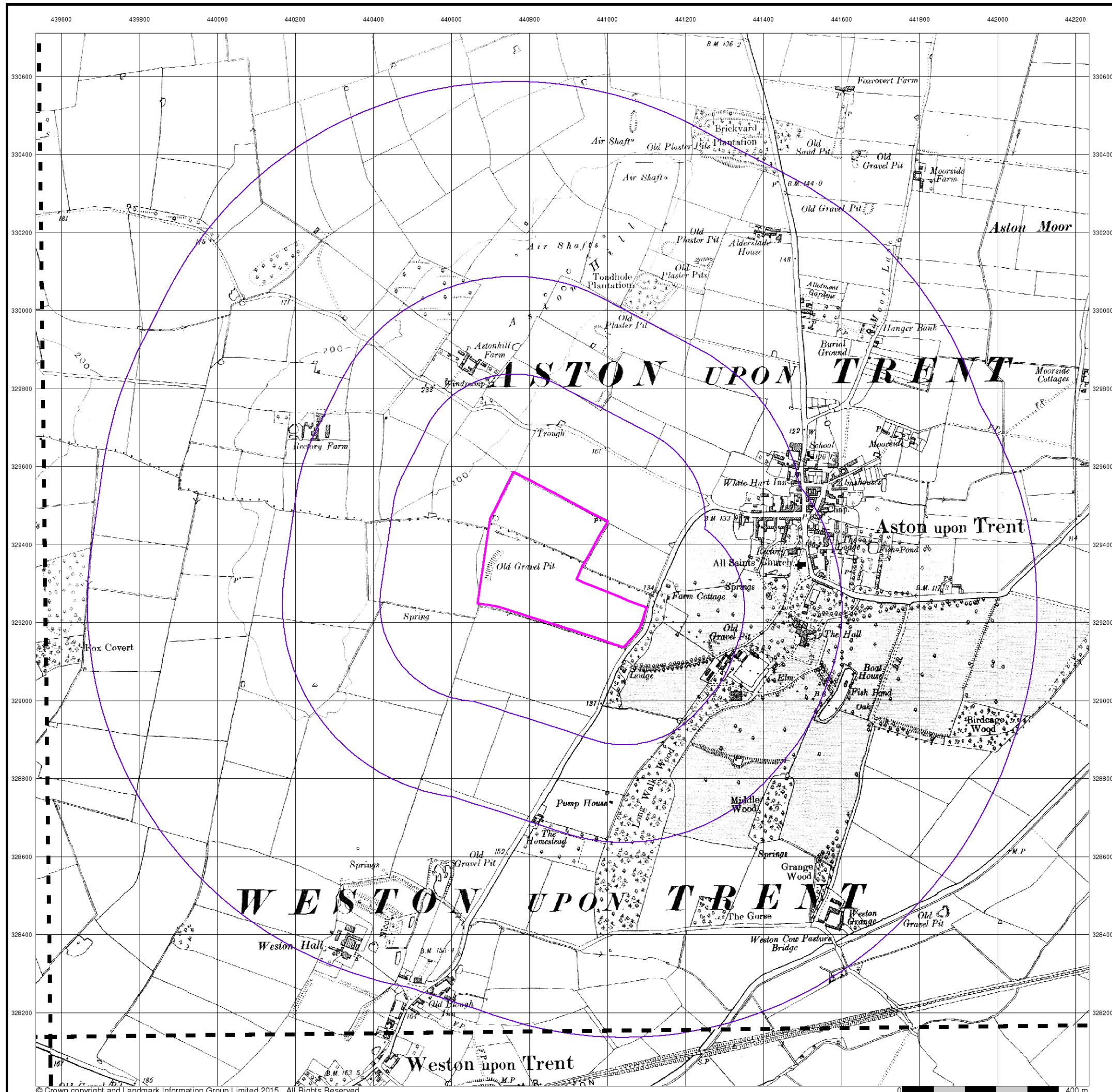


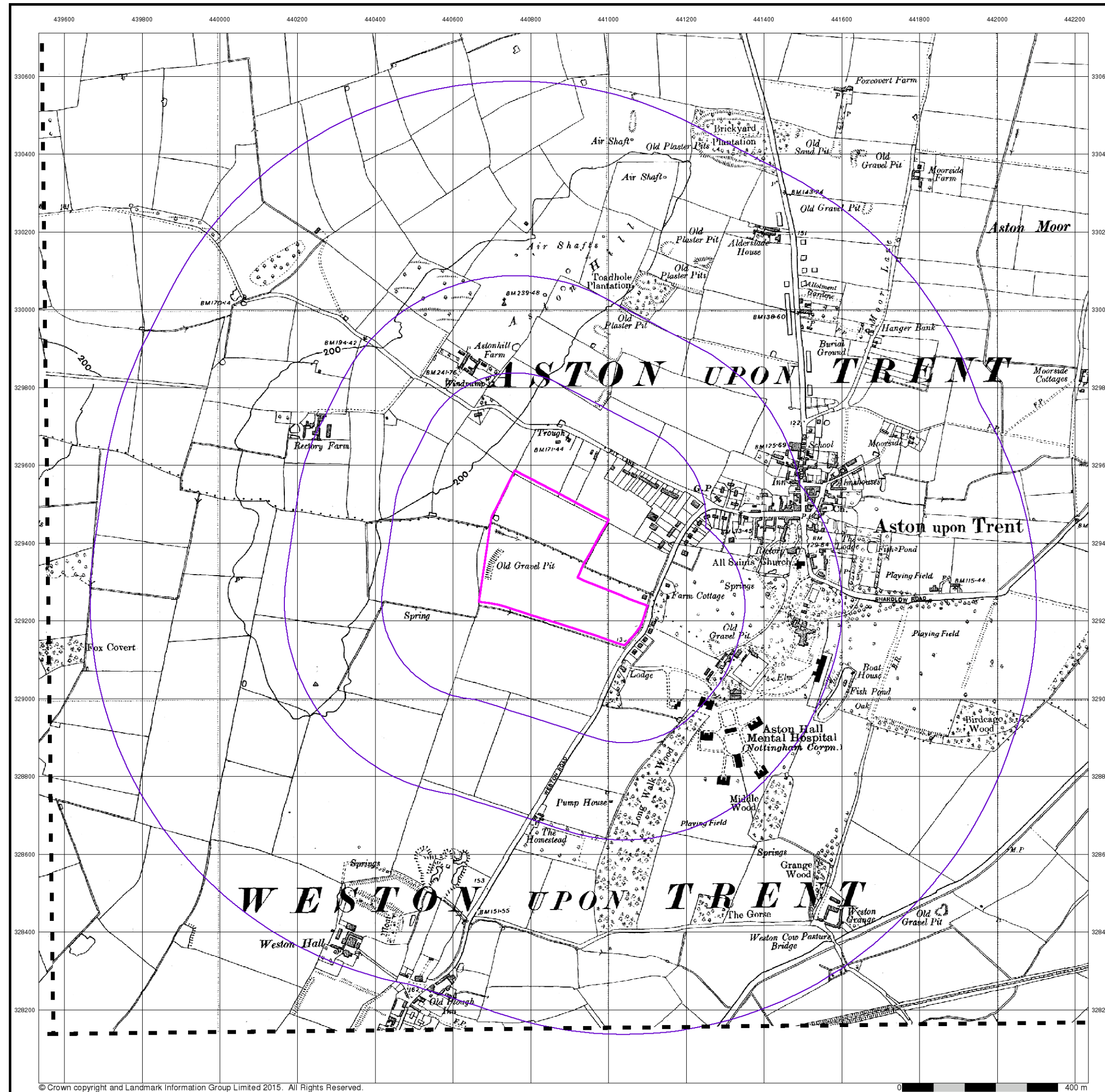
Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN





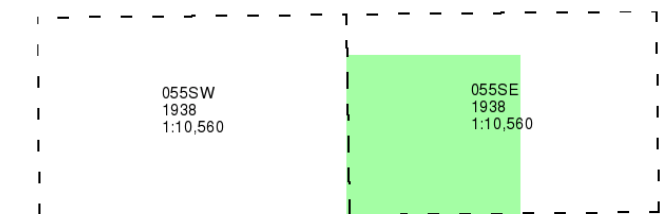
Derbyshire

Published 1938

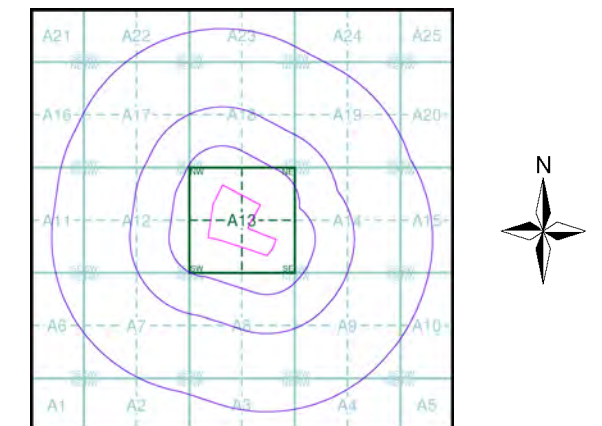
Source map scale - 1:10,560

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: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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Ordnance Survey Plan

Published 1955

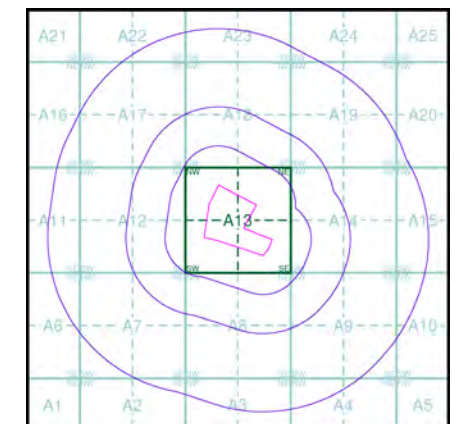
Source map scale - 1:10,000

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)

SK33SE	SK43SW
1955	1955
1:10,560	1:10,560
SK32NE	SK42NW
1955	1955
1:10,560	1:10,560

Historical Map - Slice A

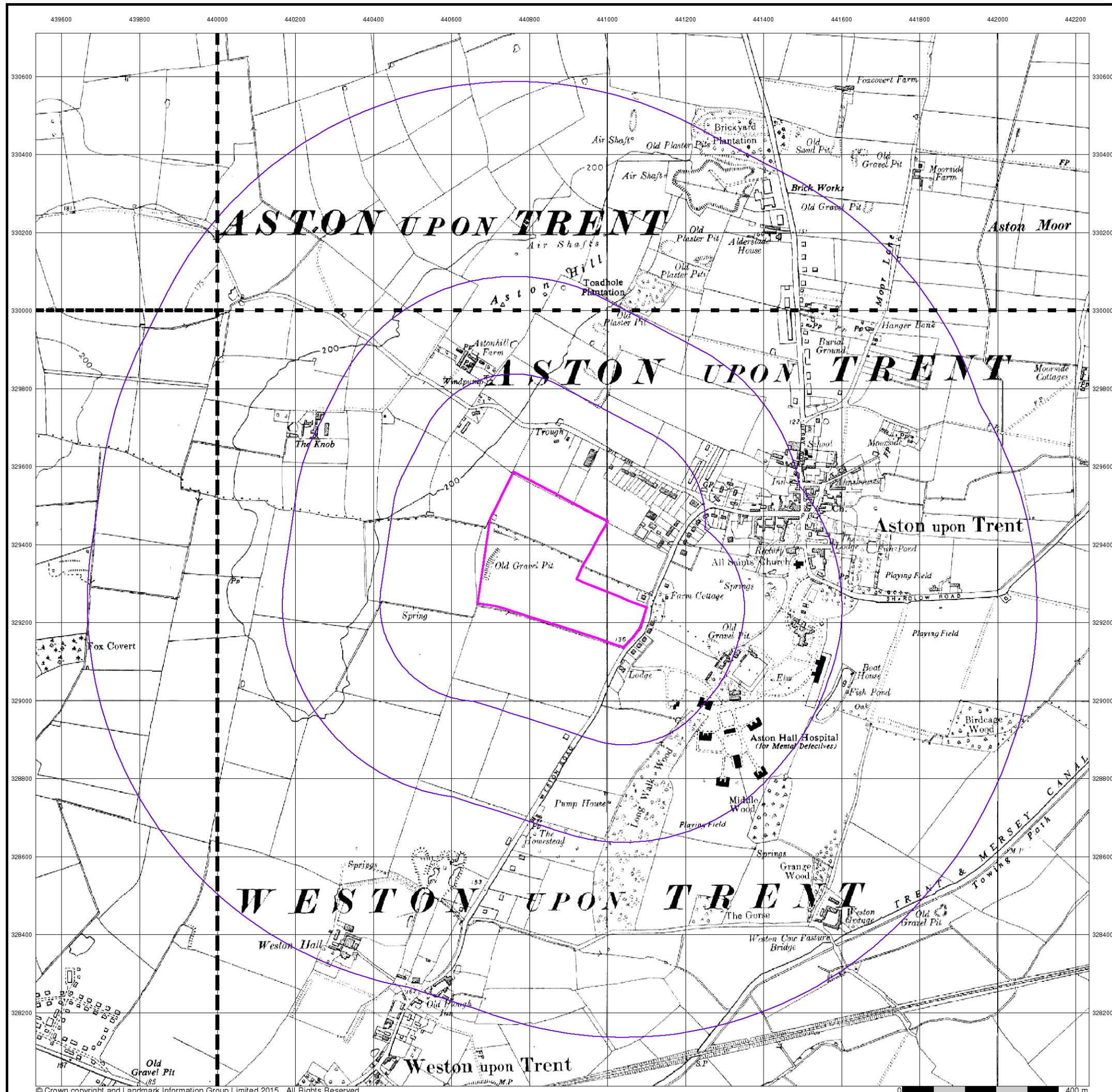


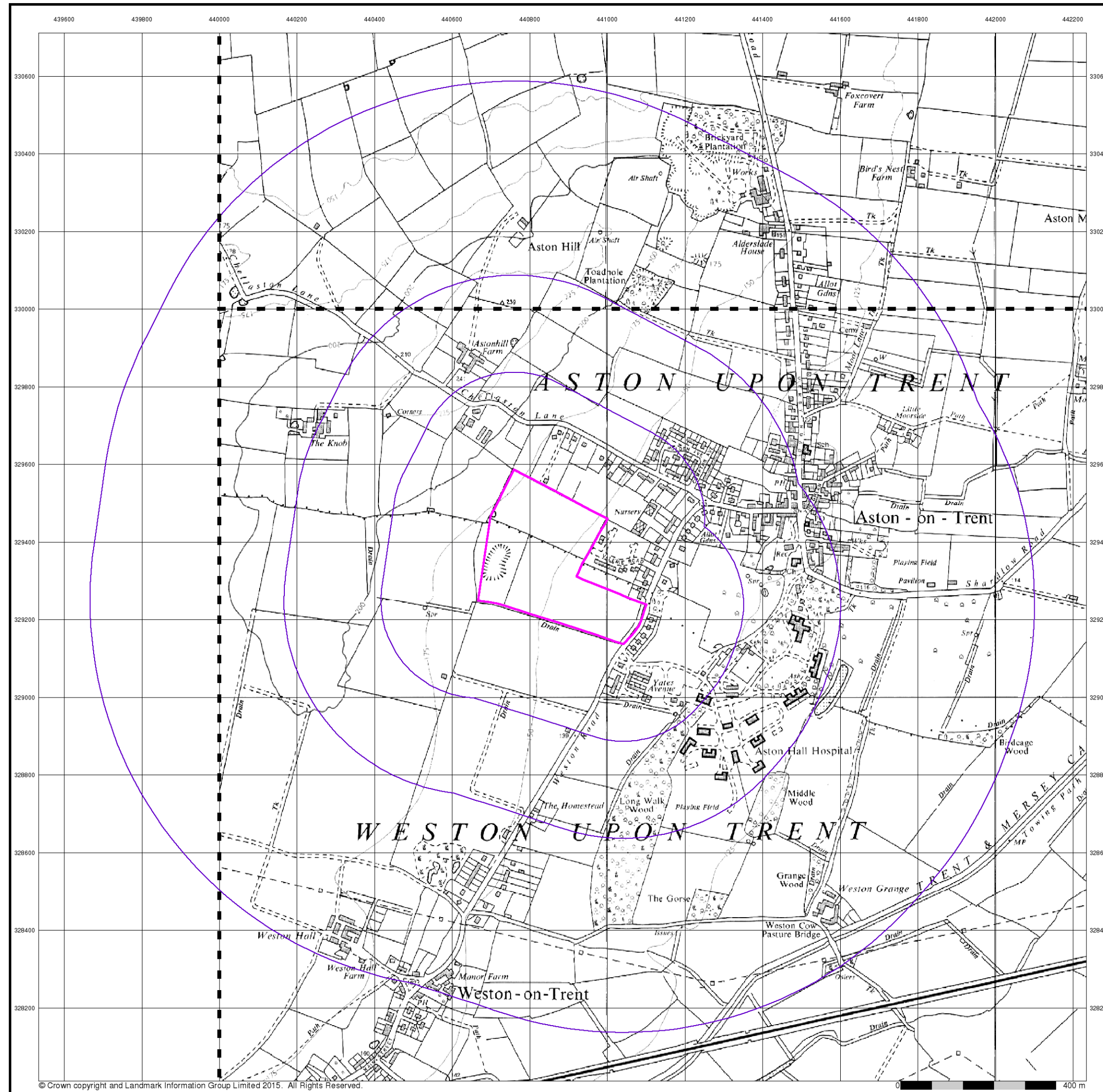
Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN





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Ordnance Survey Plan

Published 1967

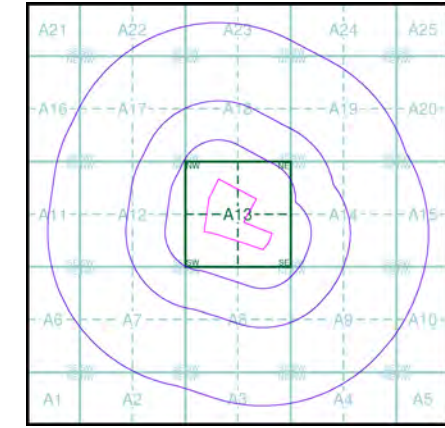
Source map scale - 1:10,000

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)

SK43SW	1967	1:10,560
SK42NW	1967	1:10,560

Historical Map - Slice A



Order Details

Order Number:	85250423_1_1
Customer Ref:	6084
National Grid Reference:	440870, 329340
Slice:	A
Site Area (Ha):	10.37
Search Buffer (m):	1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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Web: www.envirocheck.co.uk

Ordnance Survey Plan

Published 1982 - 1989

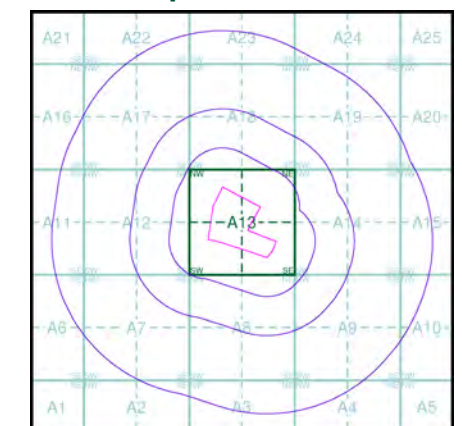
Source map scale - 1:10,000

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)

SK33SE	1985	1:10,000
SK32NE	1982	1:10,000
SK42NW	1989	1:10,000

Historical Map - Slice A

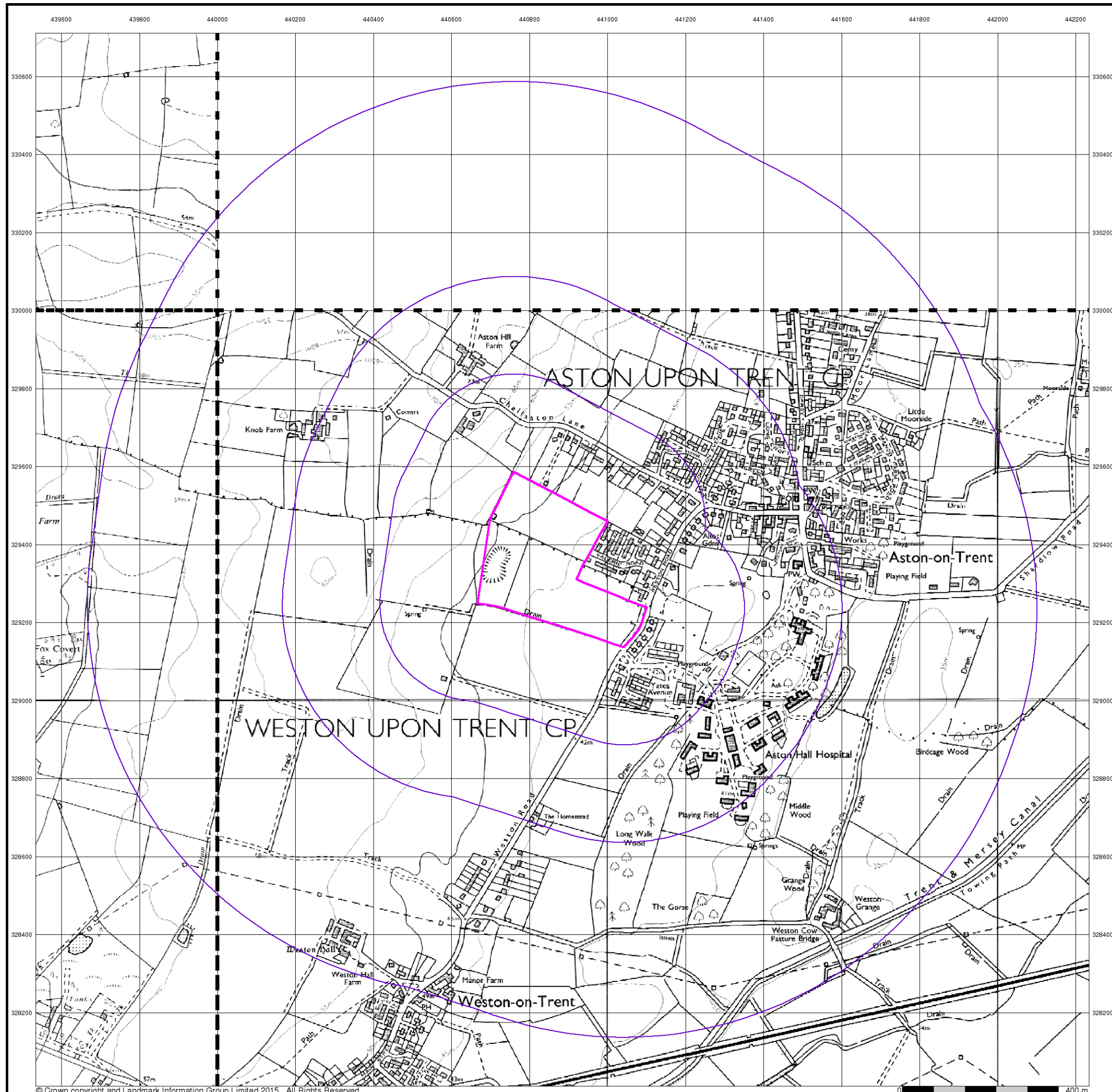


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



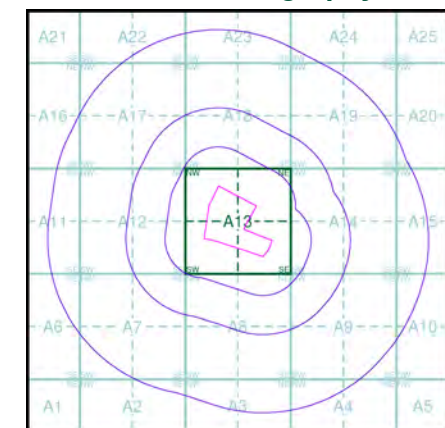


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Slice A



Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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

10k Raster Mapping

Published 2000

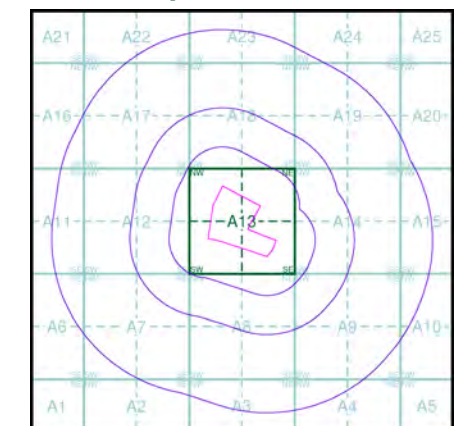
Source map scale - 1:10,000

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)

SK33SE	SK43SW
2000	2000
1:10,000	1:10,000
SK32NE	SK42NW
2000	2000
1:10,000	1:10,000

Historical Map - Slice A

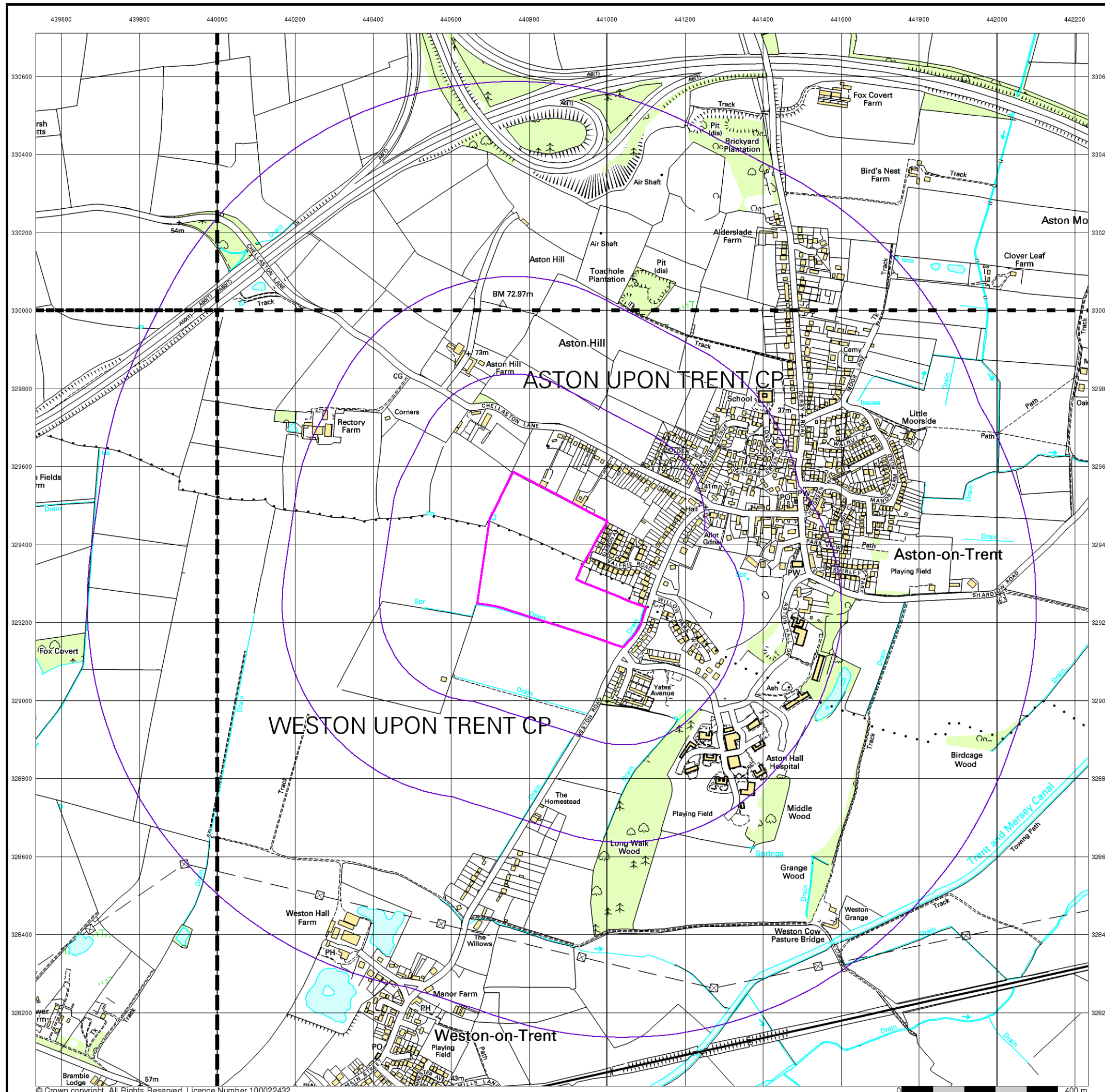


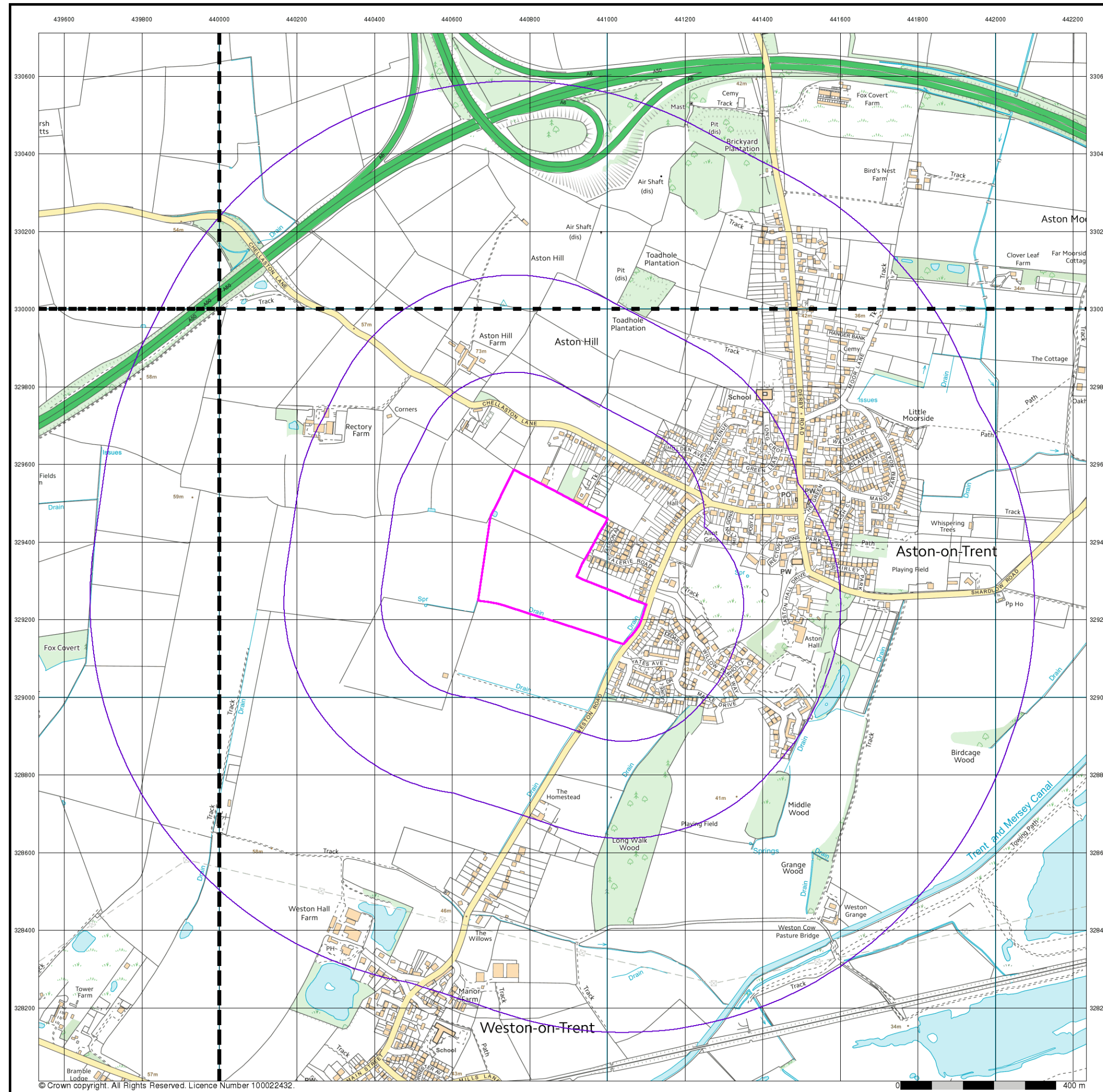
Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN





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VectorMap Local

Published 2016

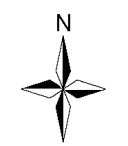
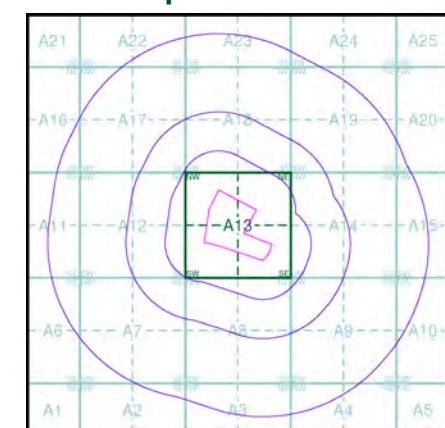
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SK33SE	SK43SW
2016	2016
Variable	Variable
SK32NE	SK42NW
2016	2016
Variable	Variable

Historical Map - Slice A



Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 1000

Site Details

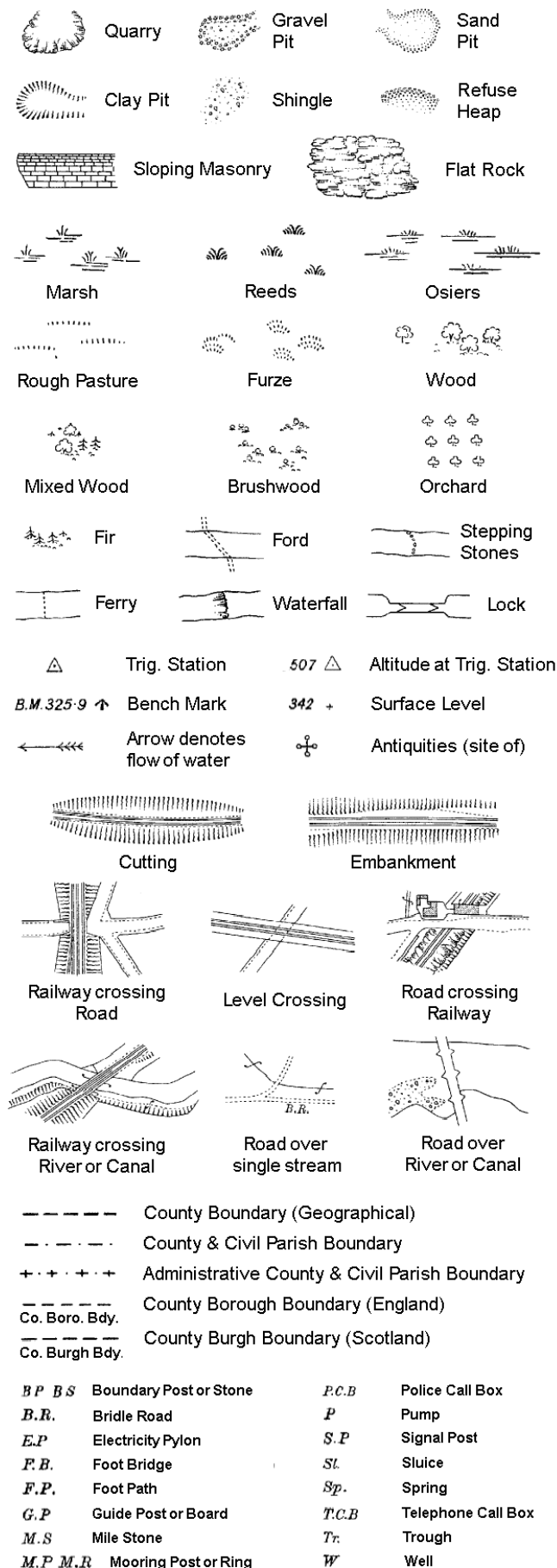
Weston Road, Aston-on-Trent, DERBY, DE72 2DN



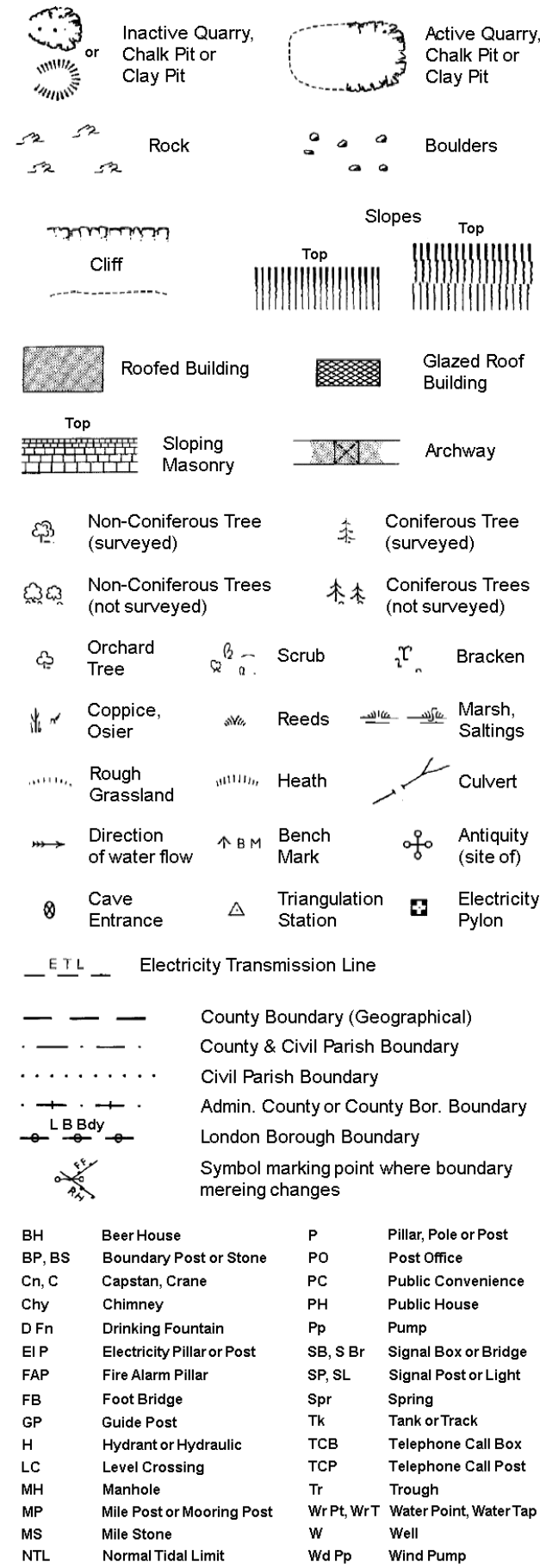
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

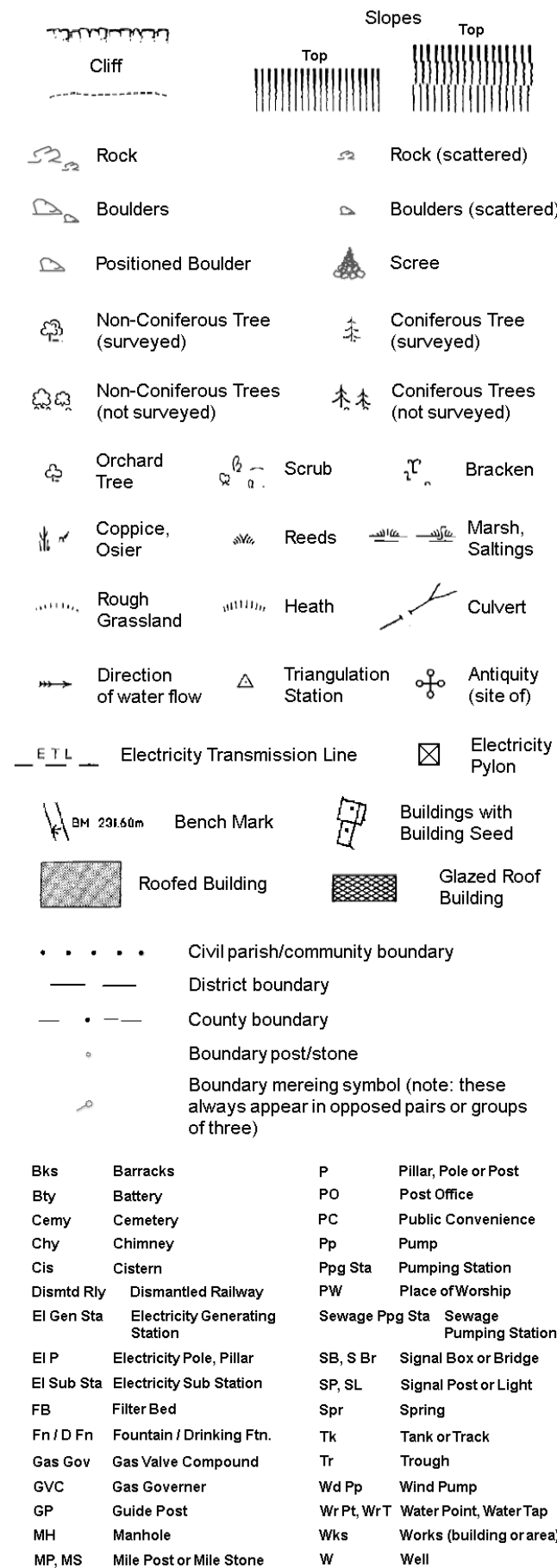
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



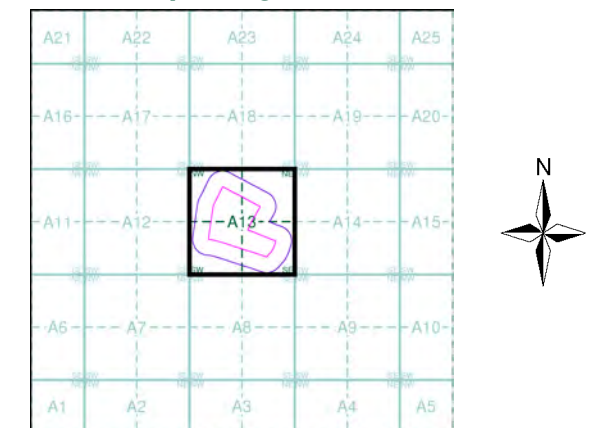
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Derbyshire	1:2,500	1882	2
Derbyshire	1:2,500	1901	3
Derbyshire	1:2,500	1923	4
Derbyshire	1:2,500	1937	5
Ordnance Survey Plan	1:2,500	1963	6
Additional SIMs	1:2,500	1963 - 1991	7
Ordnance Survey Plan	1:2,500	1980	8
Additional SIMs	1:2,500	1991	9
Large-Scale National Grid Data	1:2,500	1993	10

Historical Map - Segment A13



Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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

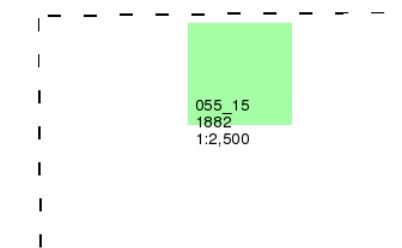
Derbyshire

Published 1882

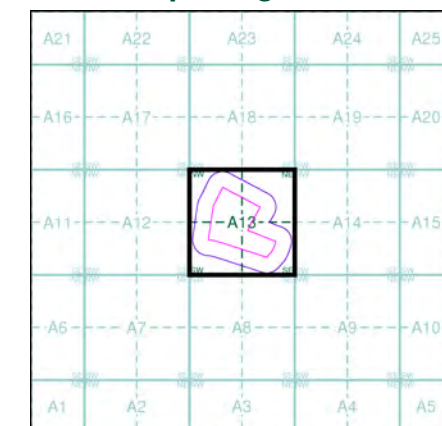
Source map scale - 1:2,500

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

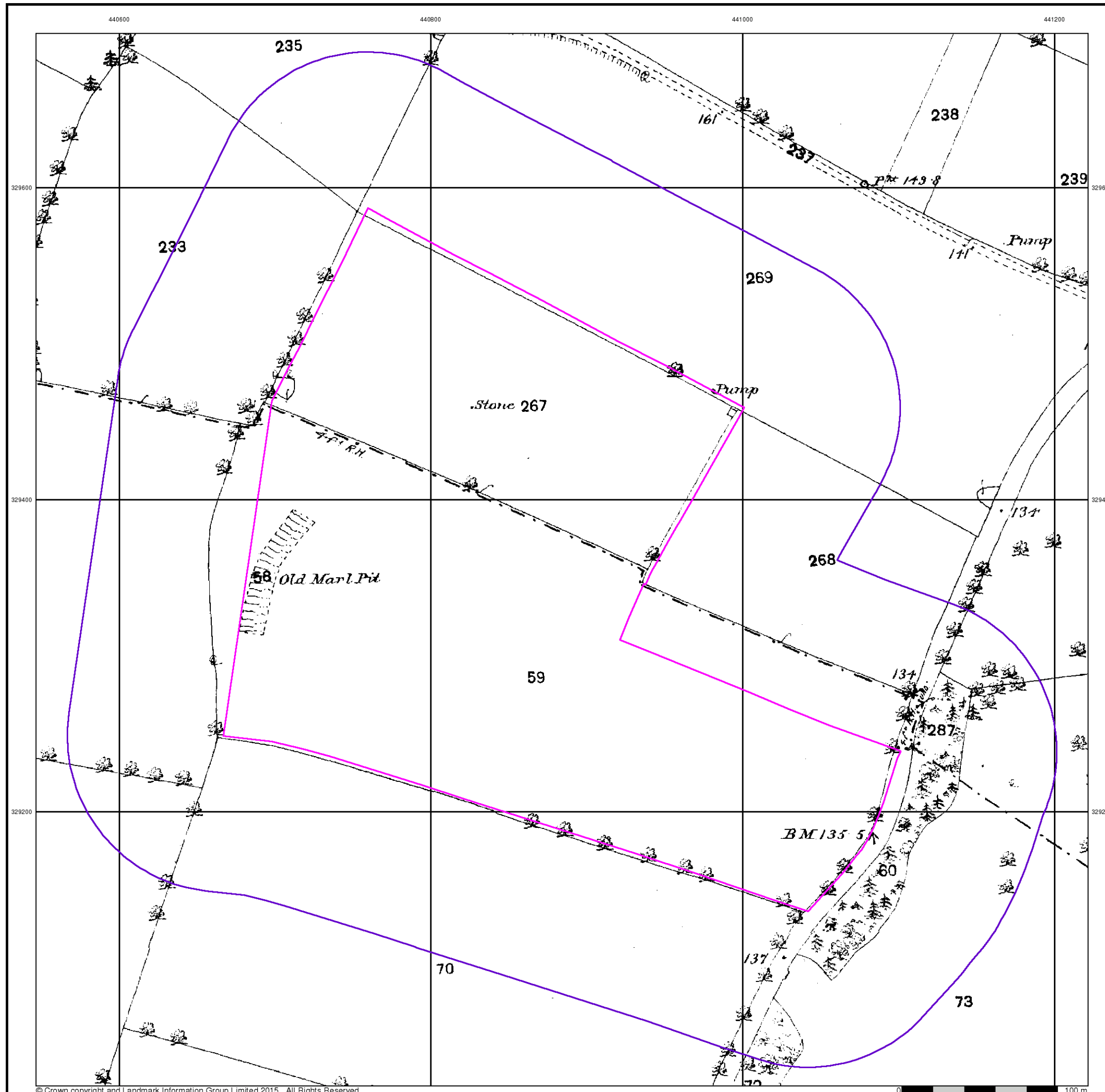


Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



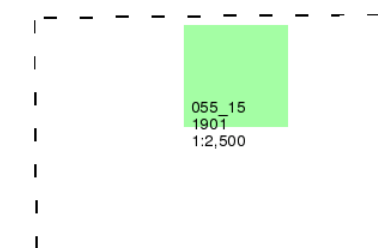
Derbyshire

Published 1901

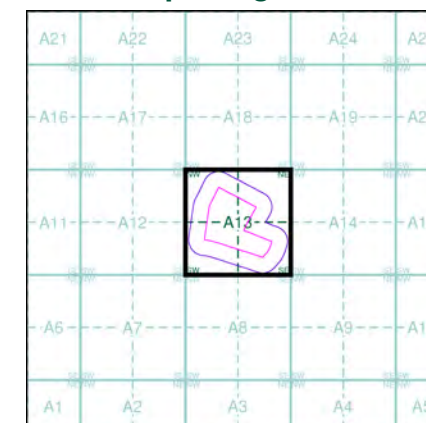
Source map scale - 1:2,500

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)



Historical Map - Segment A13

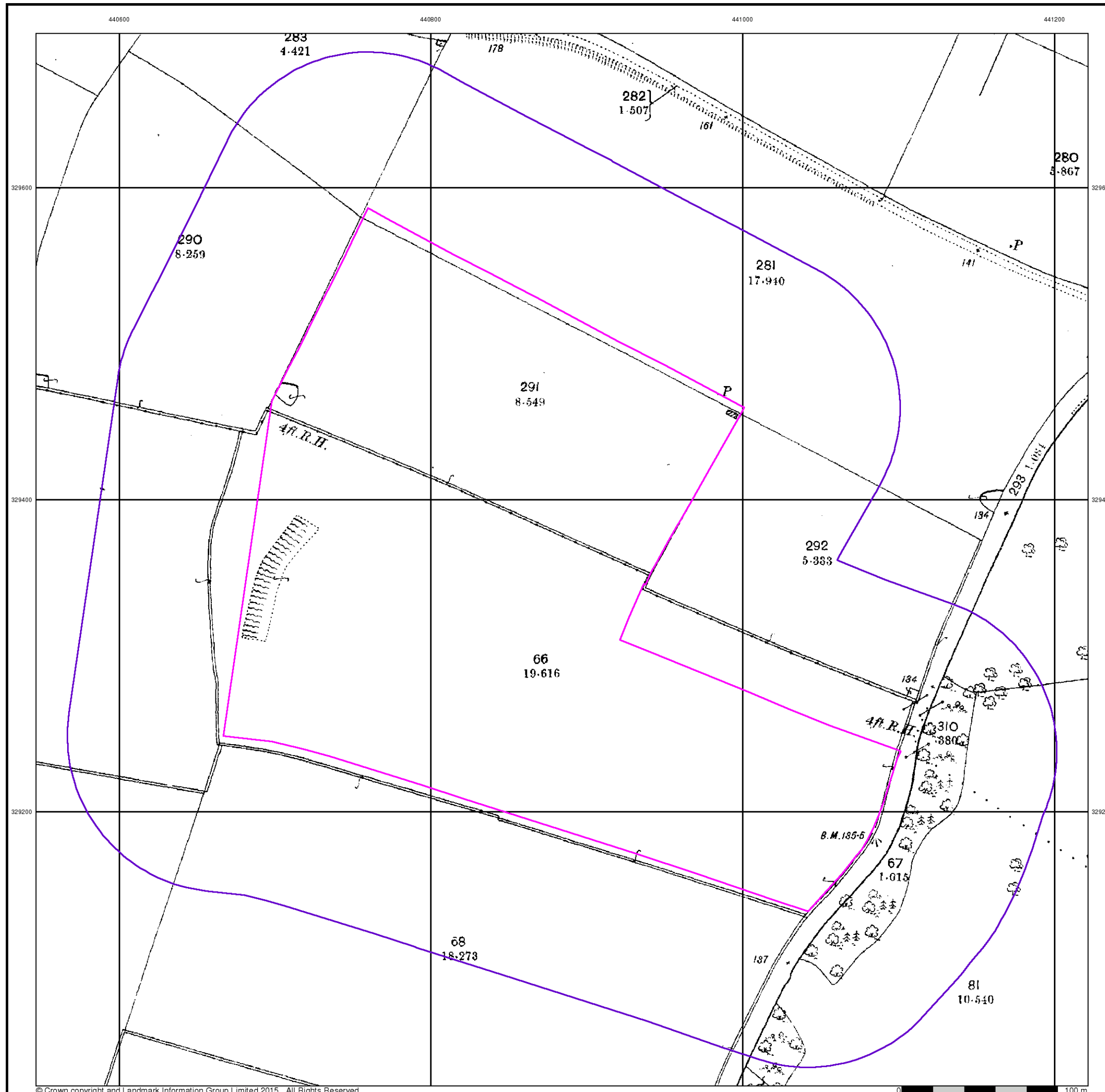


Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



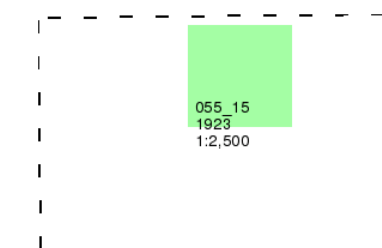
Derbyshire

Published 1923

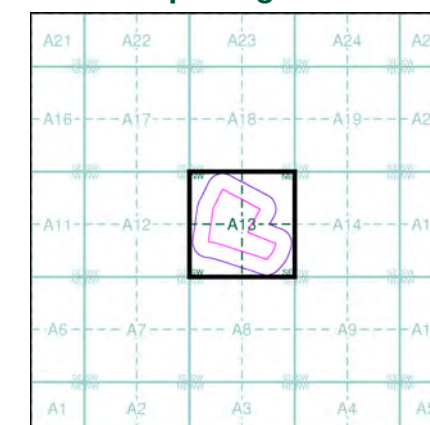
Source map scale - 1:2,500

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

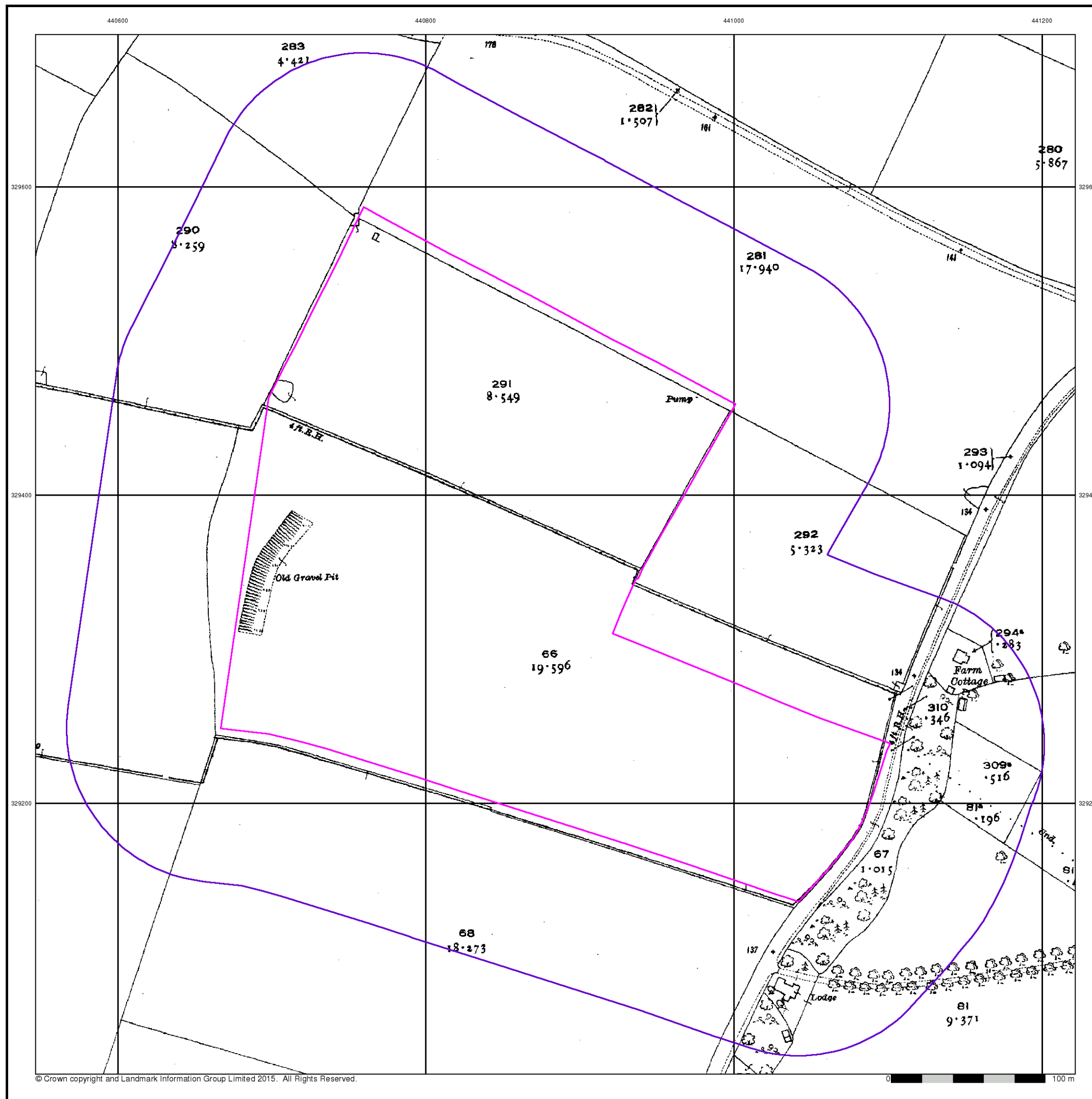


Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



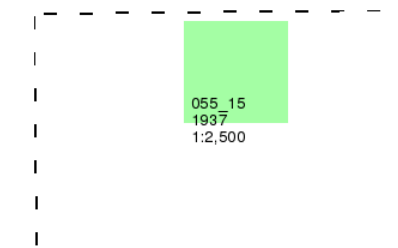
Derbyshire

Published 1937

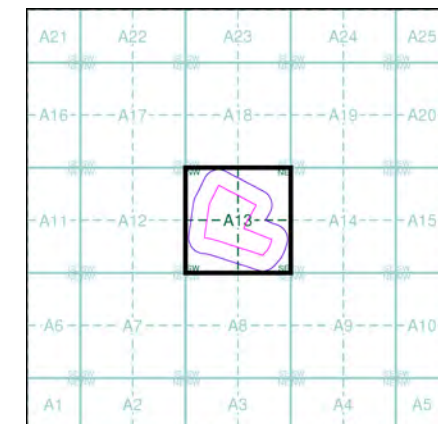
Source map scale - 1:2,500

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: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



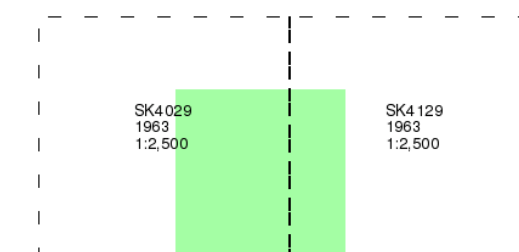
Ordnance Survey Plan

Published 1963

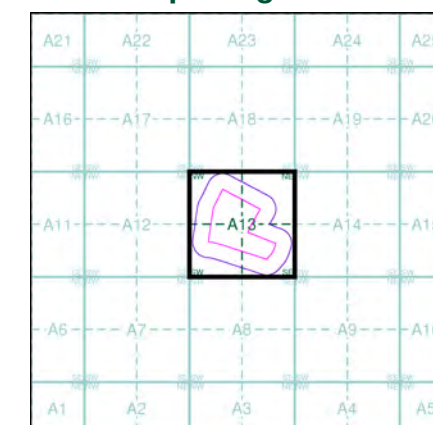
Source map scale - 1:2,500

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

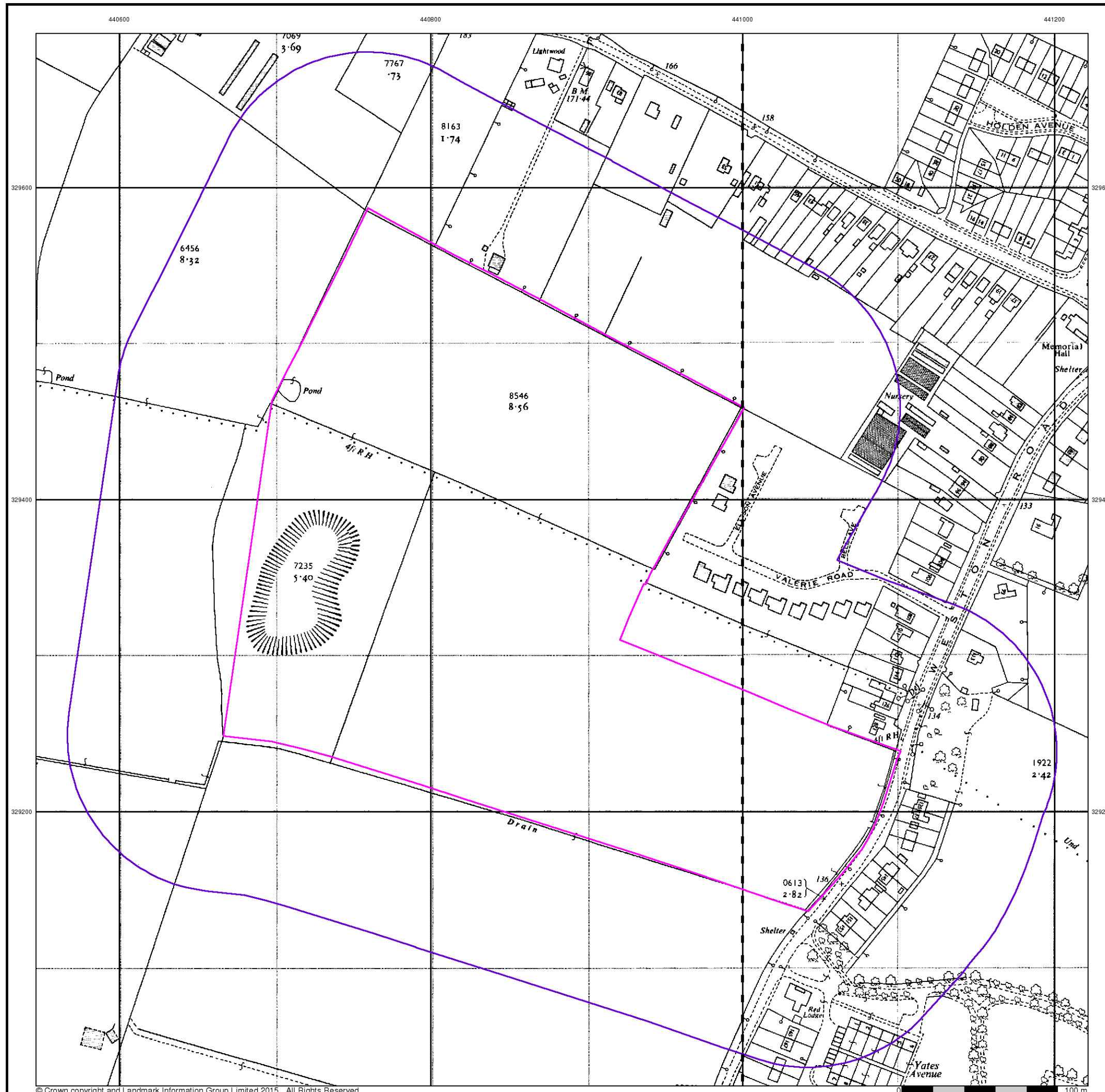


Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



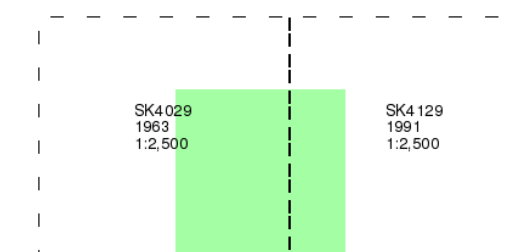
Additional SIMs

Published 1963 - 1991

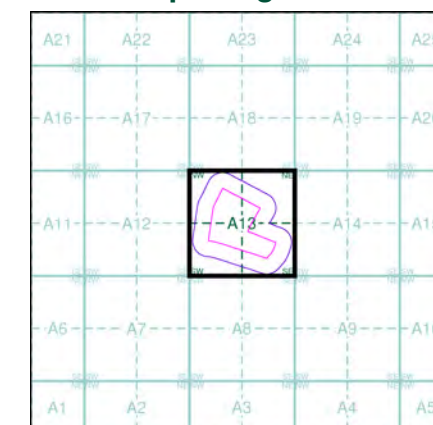
Source map scale - 1:2,500

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

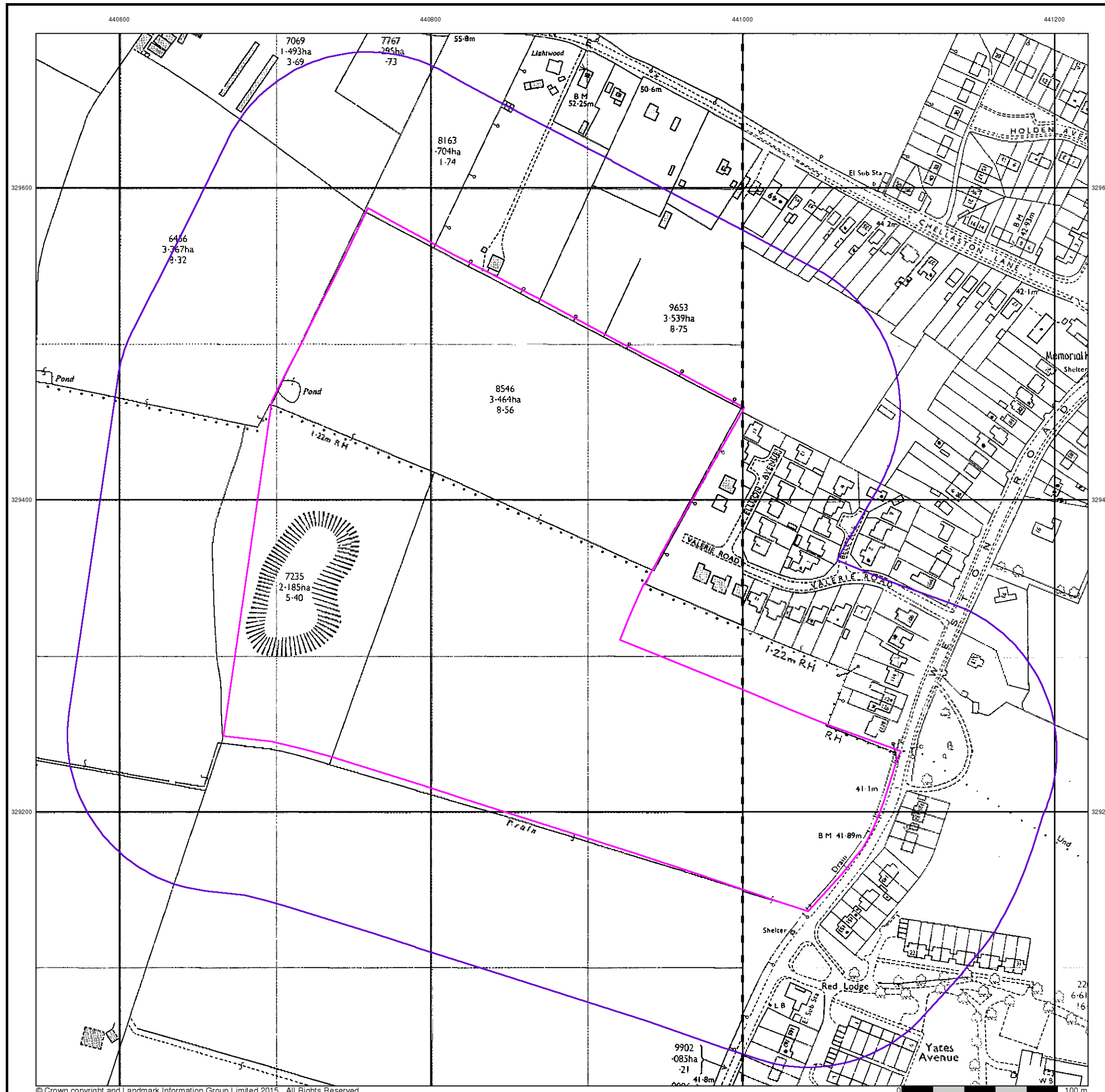


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN





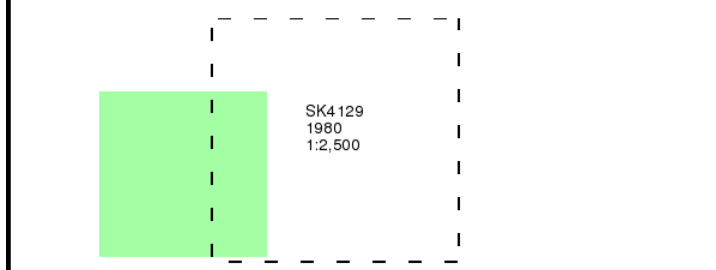
Ordinance Survey Plan

Published 1980

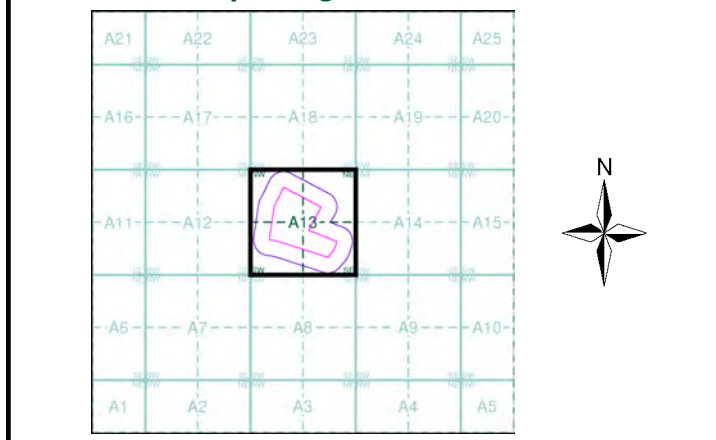
Source map scale - 1:2,500

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)



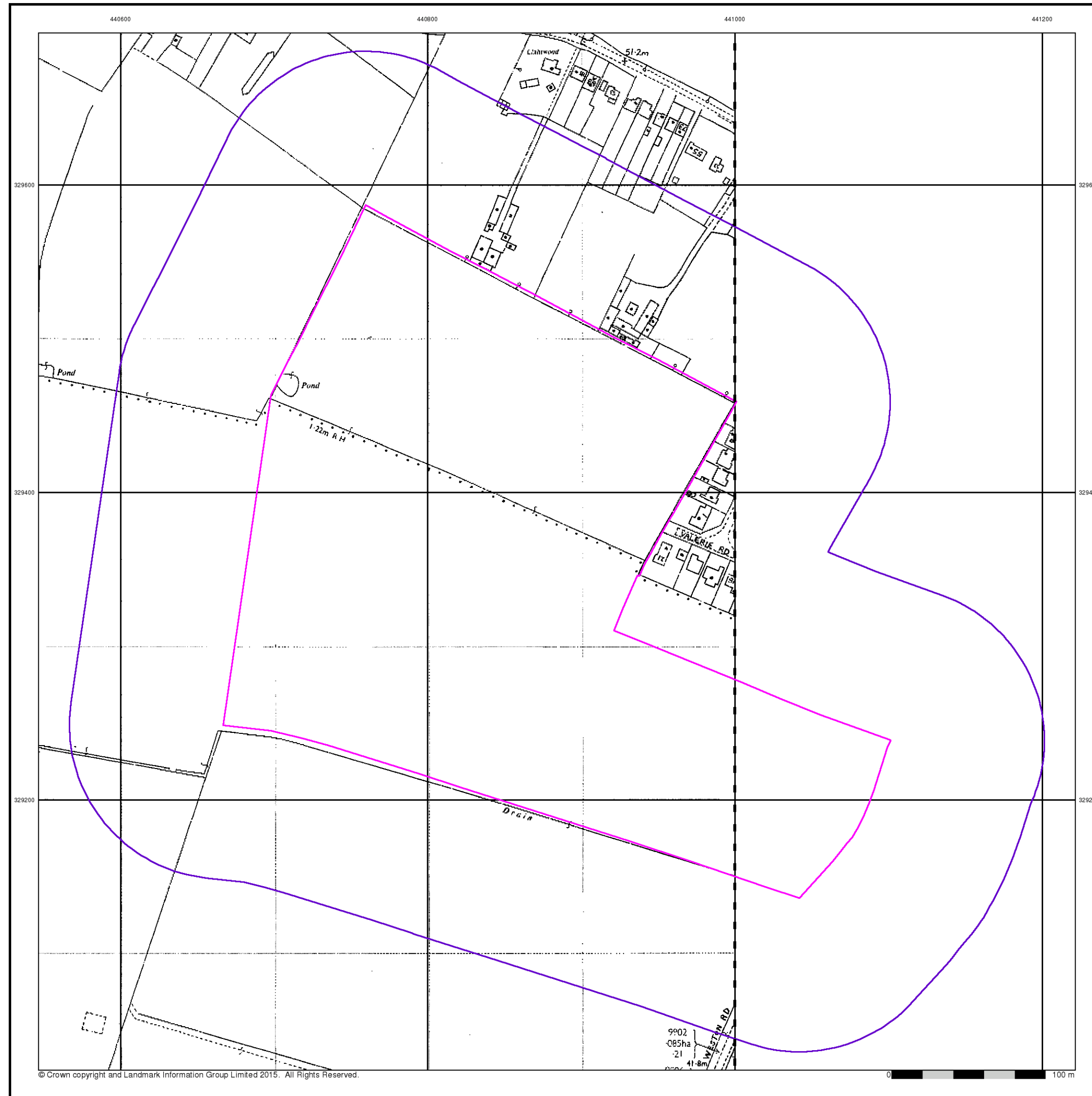
Historical Map - Segment A13



Order Details	
Order Number:	85250423_1_1
Customer Ref:	6084
National Grid Reference:	440870, 329340
Slice:	A
Site Area (Ha):	10.37
Search Buffer (m):	100

Site Details
Weston Road, Aston-on-Trent, DERBY, DE72 2DN





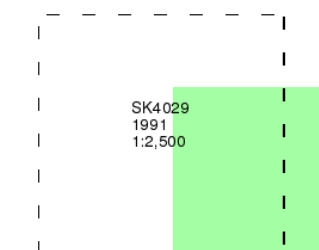
Additional SIMs

Published 1991

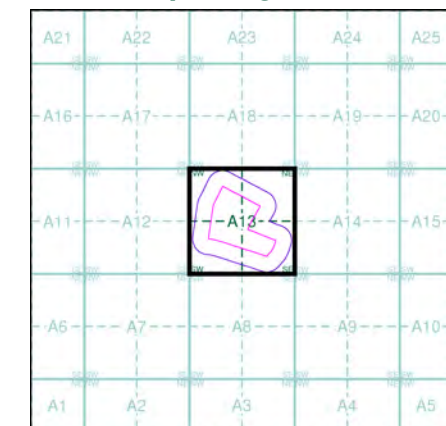
Source map scale - 1:2,500

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

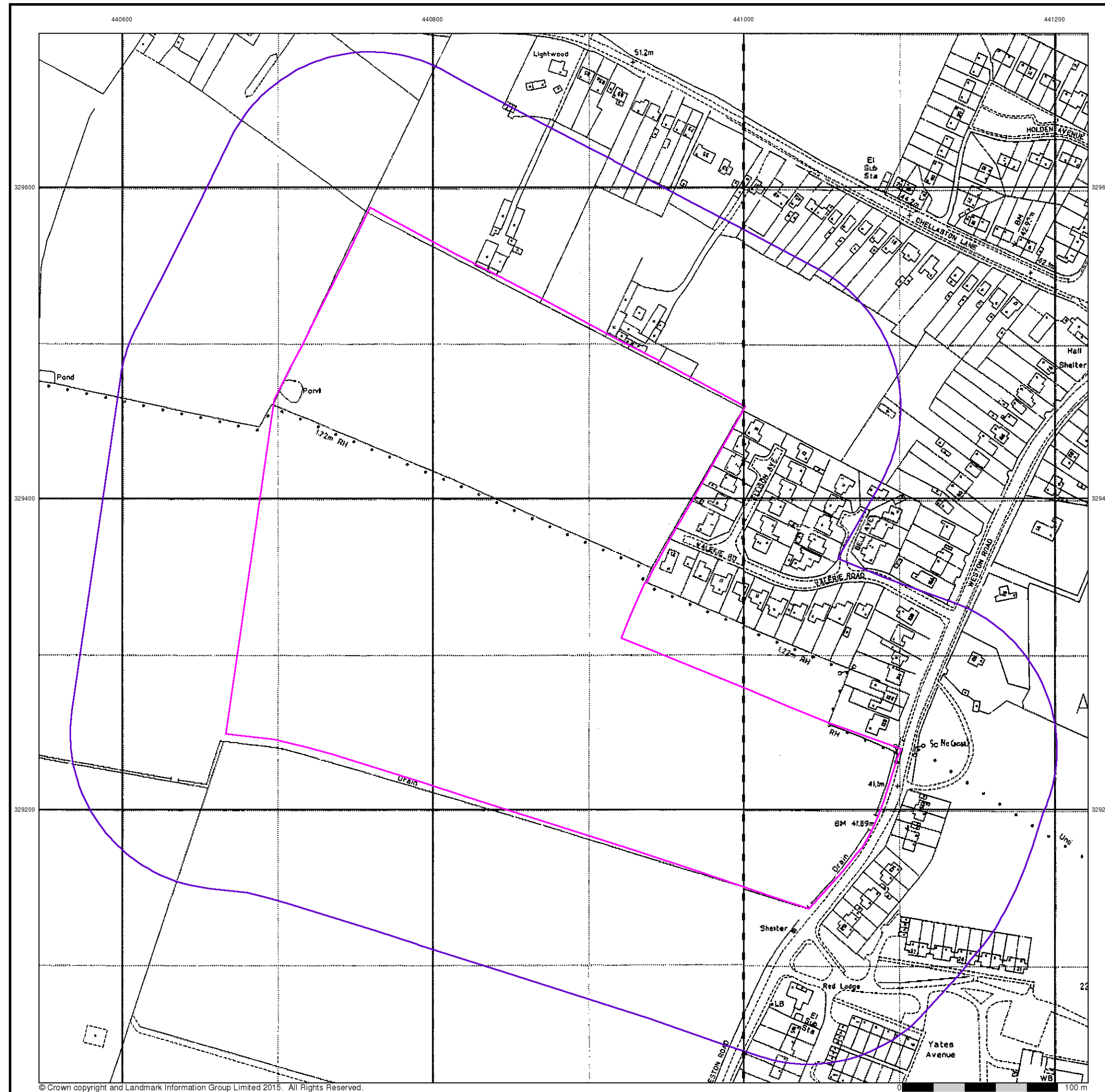
Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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



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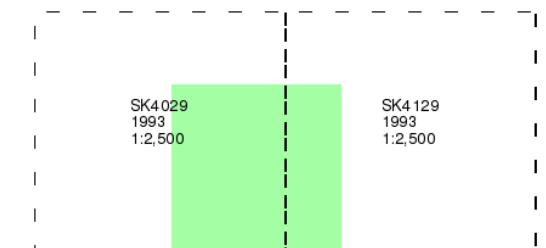
Large-Scale National Grid Data

Published 1993

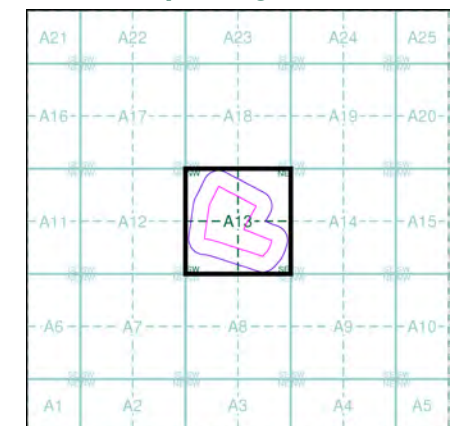
Source map scale - 1:2,500

'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

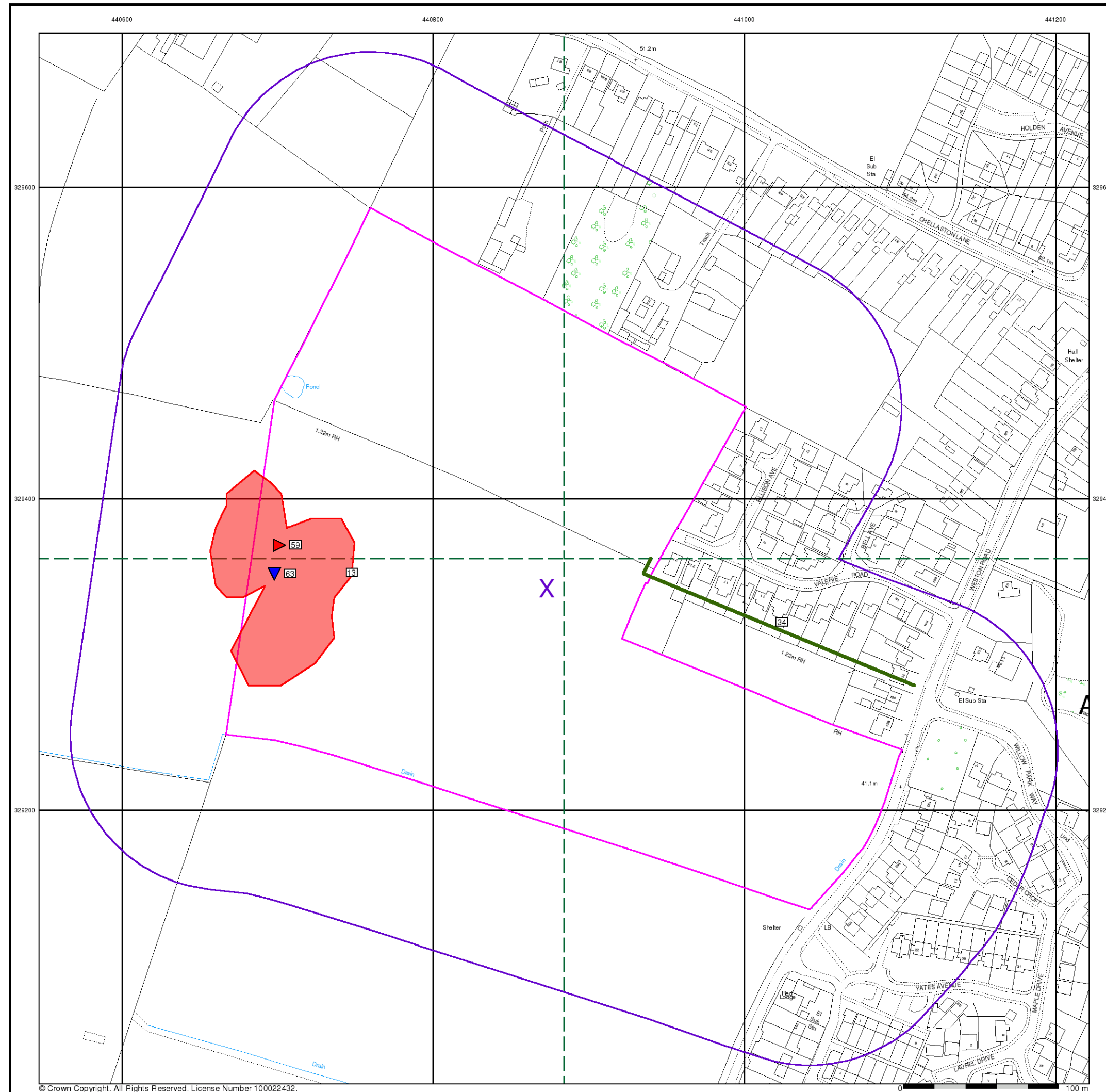
Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Search Buffer (m): 100

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



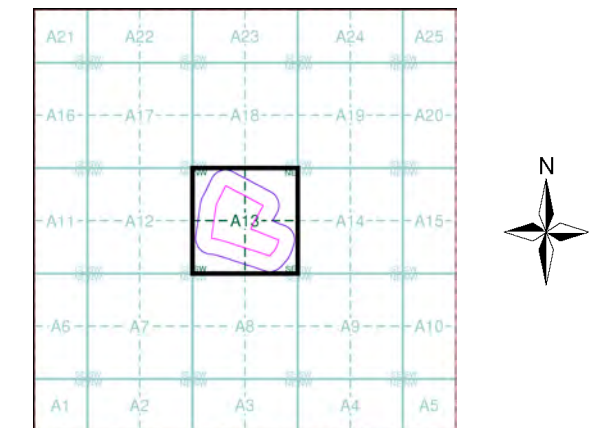
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



General

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

Site Sensitivity Map - Segment A13



Order Details

Order Number: 85250423_1_1
Customer Ref: 6084
National Grid Reference: 440870, 329340
Slice: A
Site Area (Ha): 10.37
Plot Buffer (m): 100

Site Details

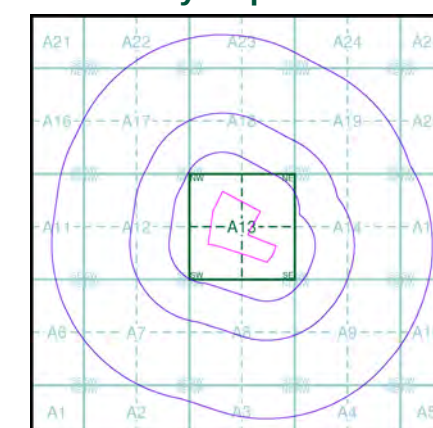
Weston Road, Aston-on-Trent, DERBY, DE72 2DN



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

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

Site Sensitivity Map - Slice A

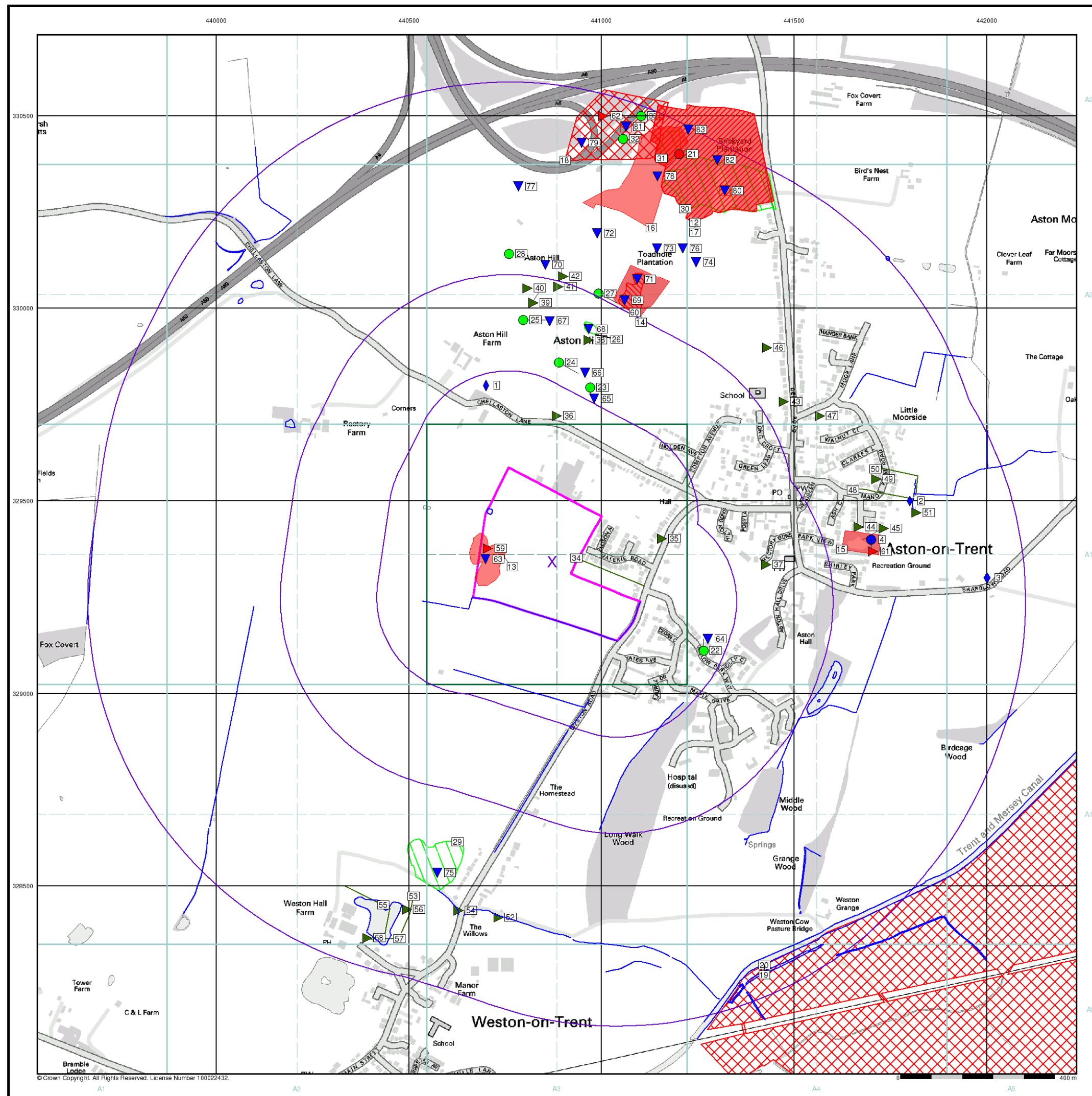


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



Industrial Land Use Map

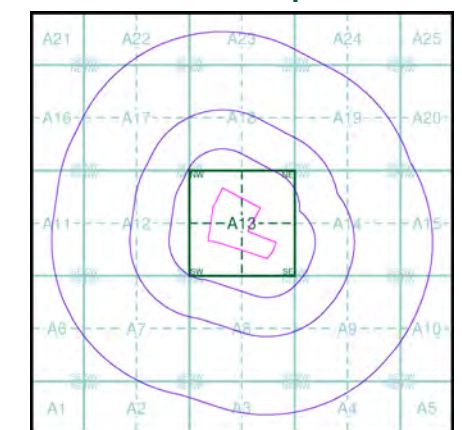
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

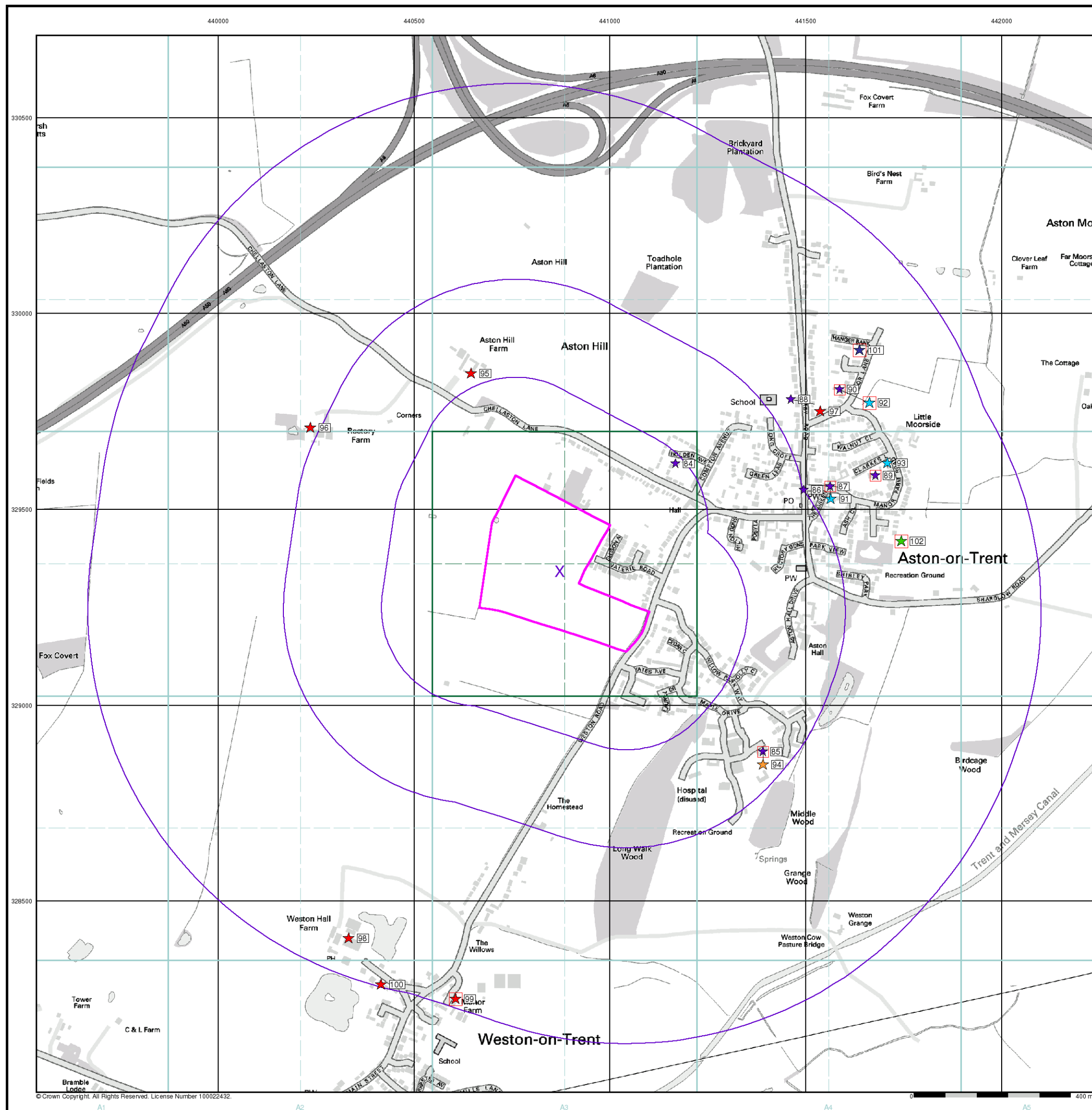


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



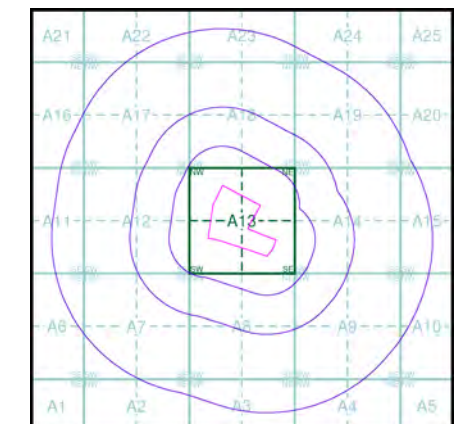
General

-  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

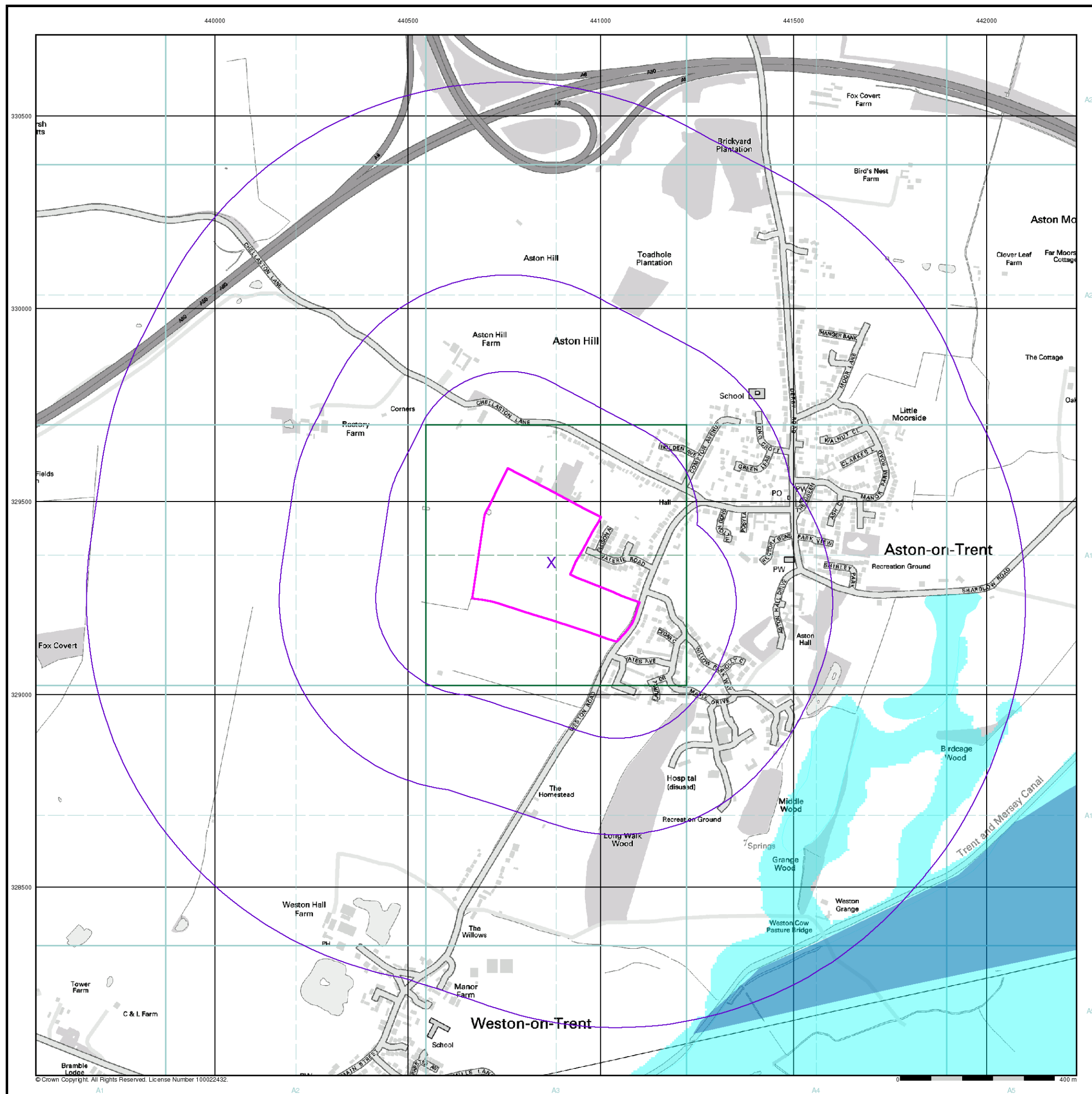


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



General

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

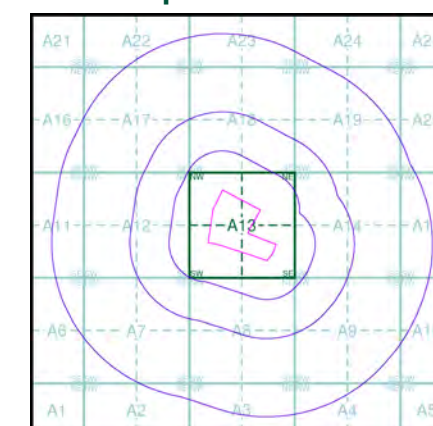
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

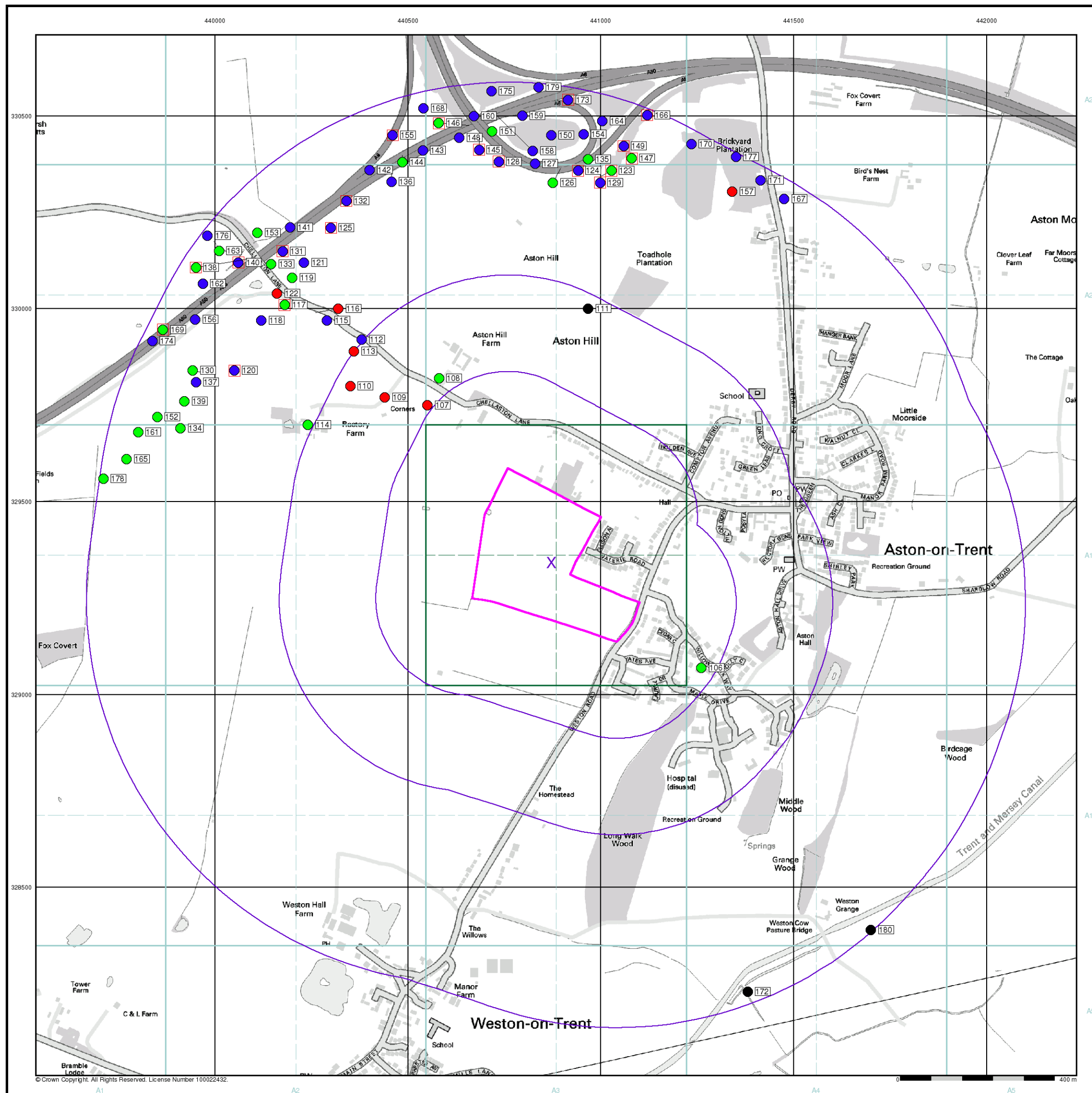


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN



General

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

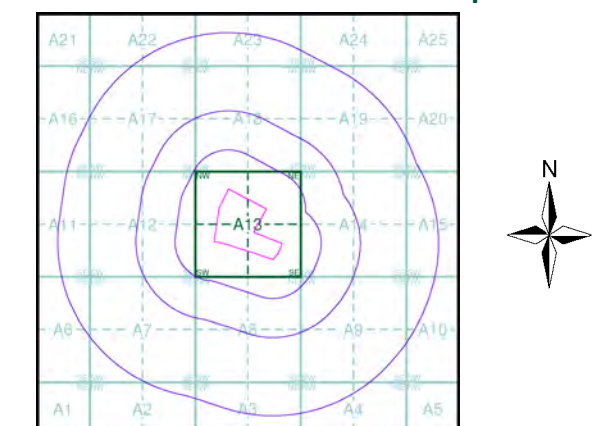
Detailed River Network Data

- | | |
|--|---|
|  Primary River |  Extended Culvert (greater than 50m) |
|  Secondary River |  Underground River (inferred) |
|  Tertiary River |  Underground River (local knowledge) |
|  Canal |  Downstream of High Water Mark |
|  Canal Tunnel |  Downstream of Seaward Extension |
|  Undefined River |  Not assigned River feature |
|  Lake/Reservoir | |
|  Offline Drainage Feature | |

Contours (height in metres)

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

EA/NRW Detailed River Network Map - Slice A

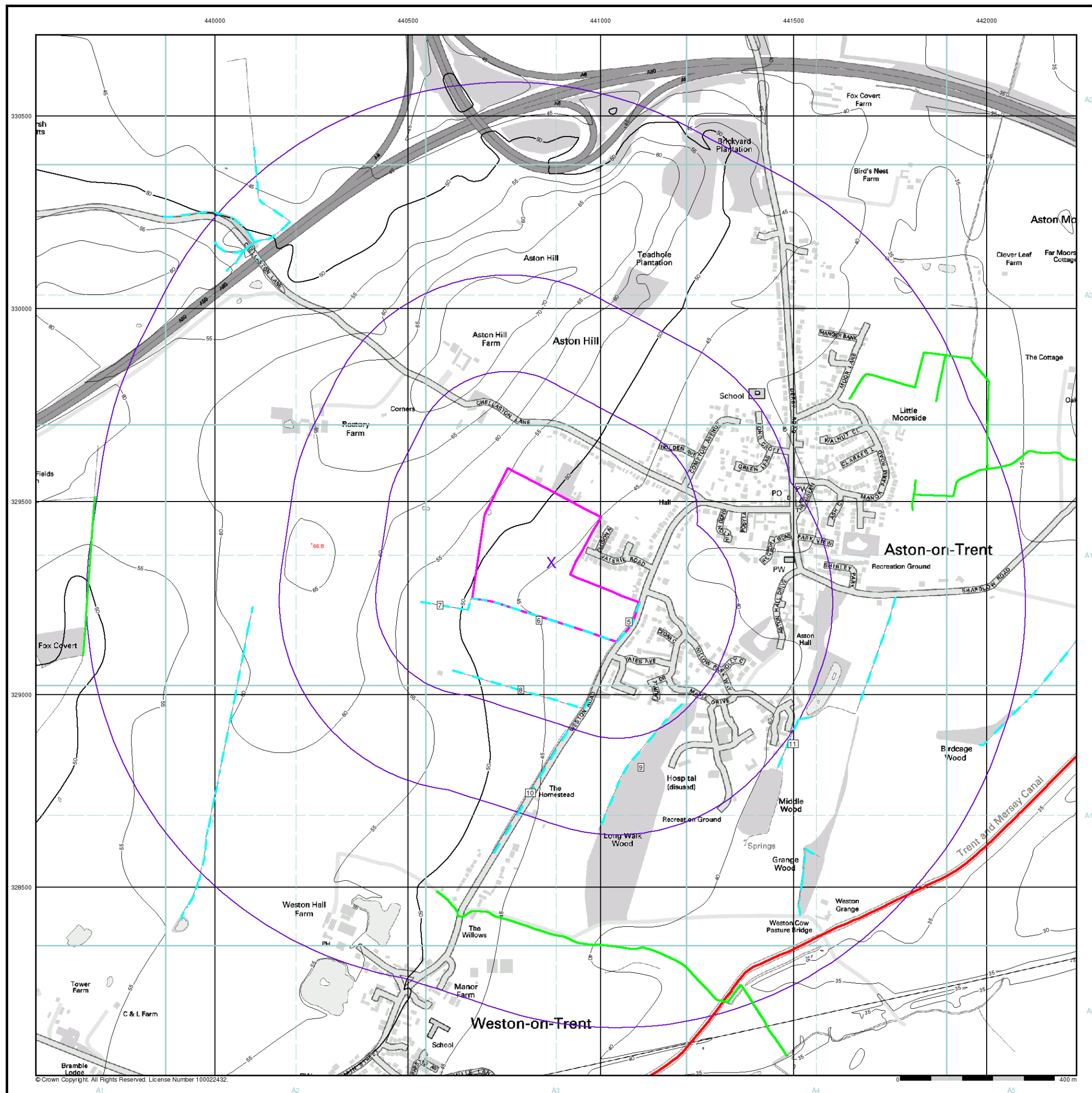


Order Details

Order Number: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN

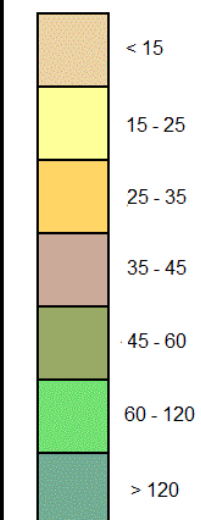


General

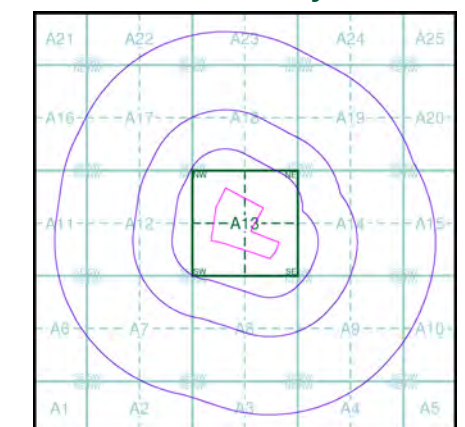
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

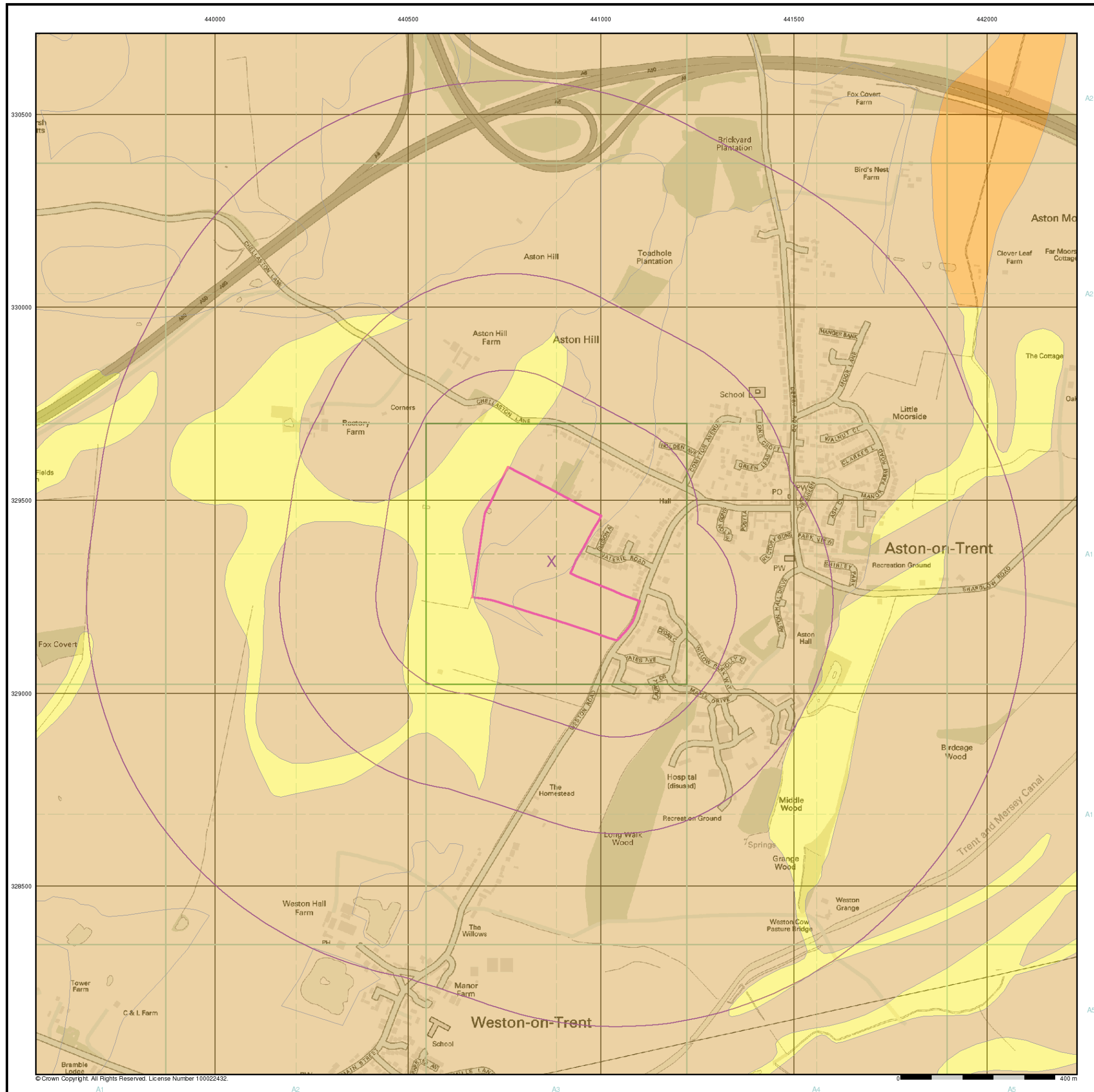


Order Details

Order Details: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

Weston Road, Aston-on-Trent, DERBY, DE72 2DN

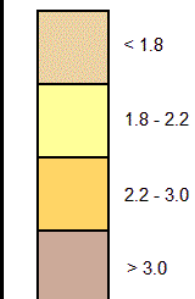


General

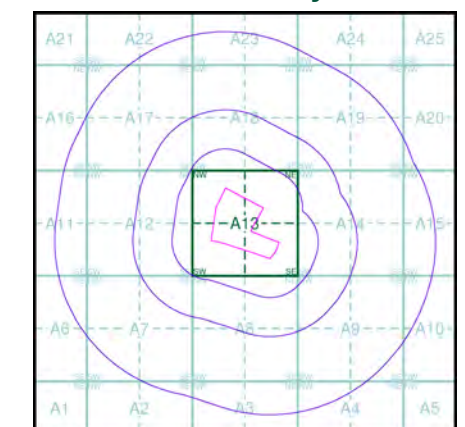
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

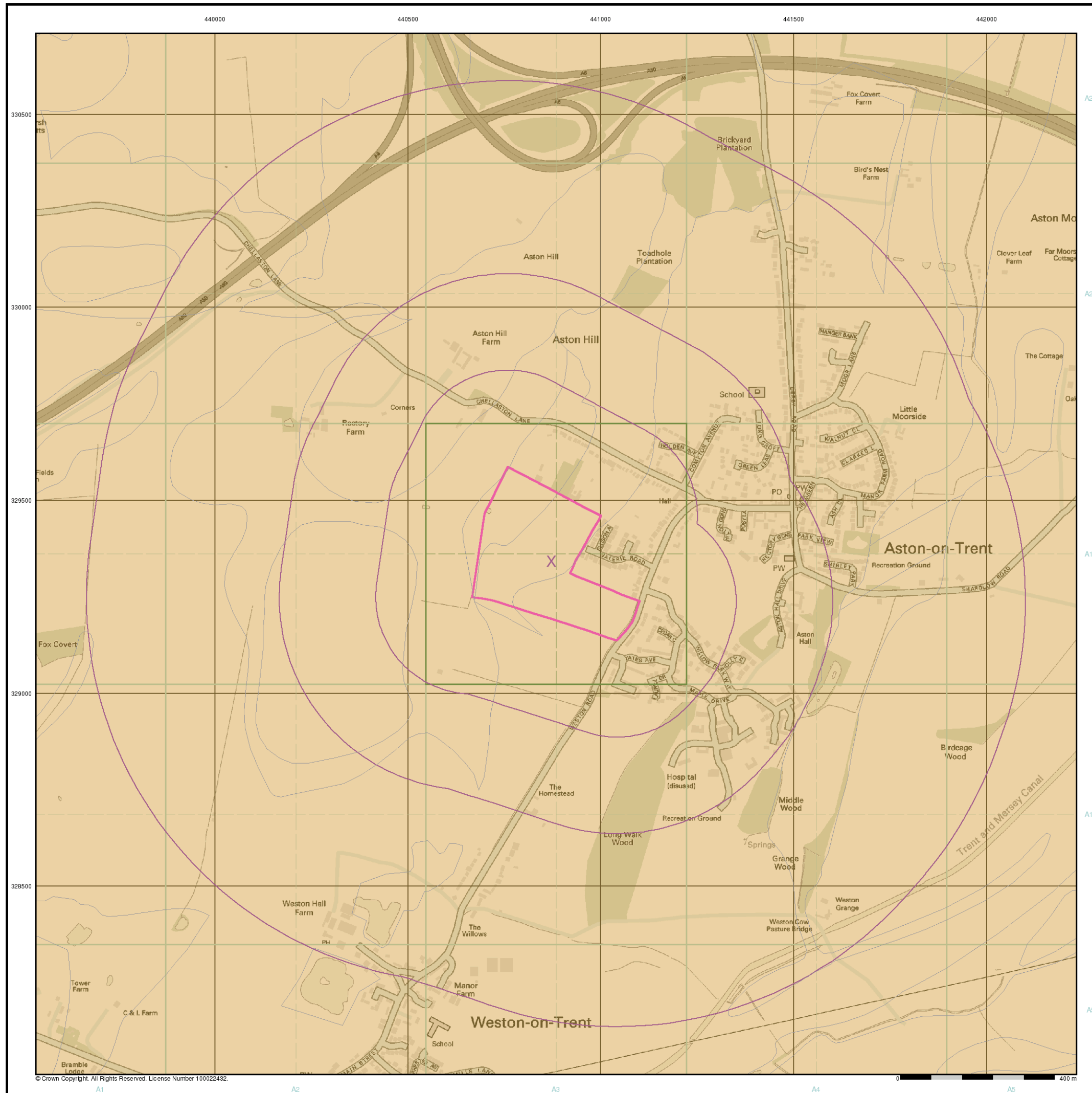


Order Details

Order Details: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
 Search Buffer (m): 1000

Site Details

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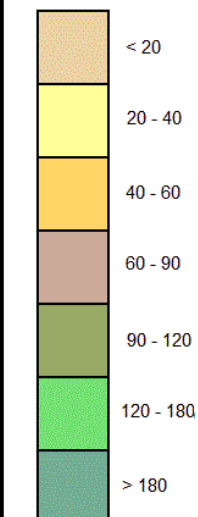


General

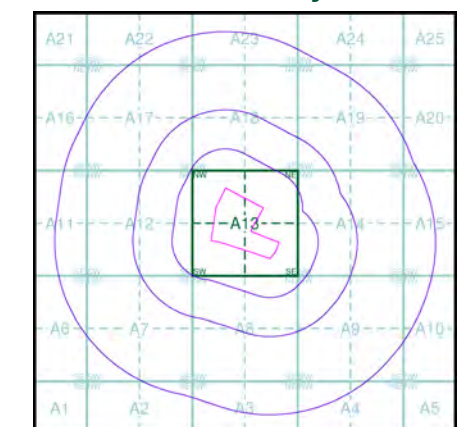
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  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

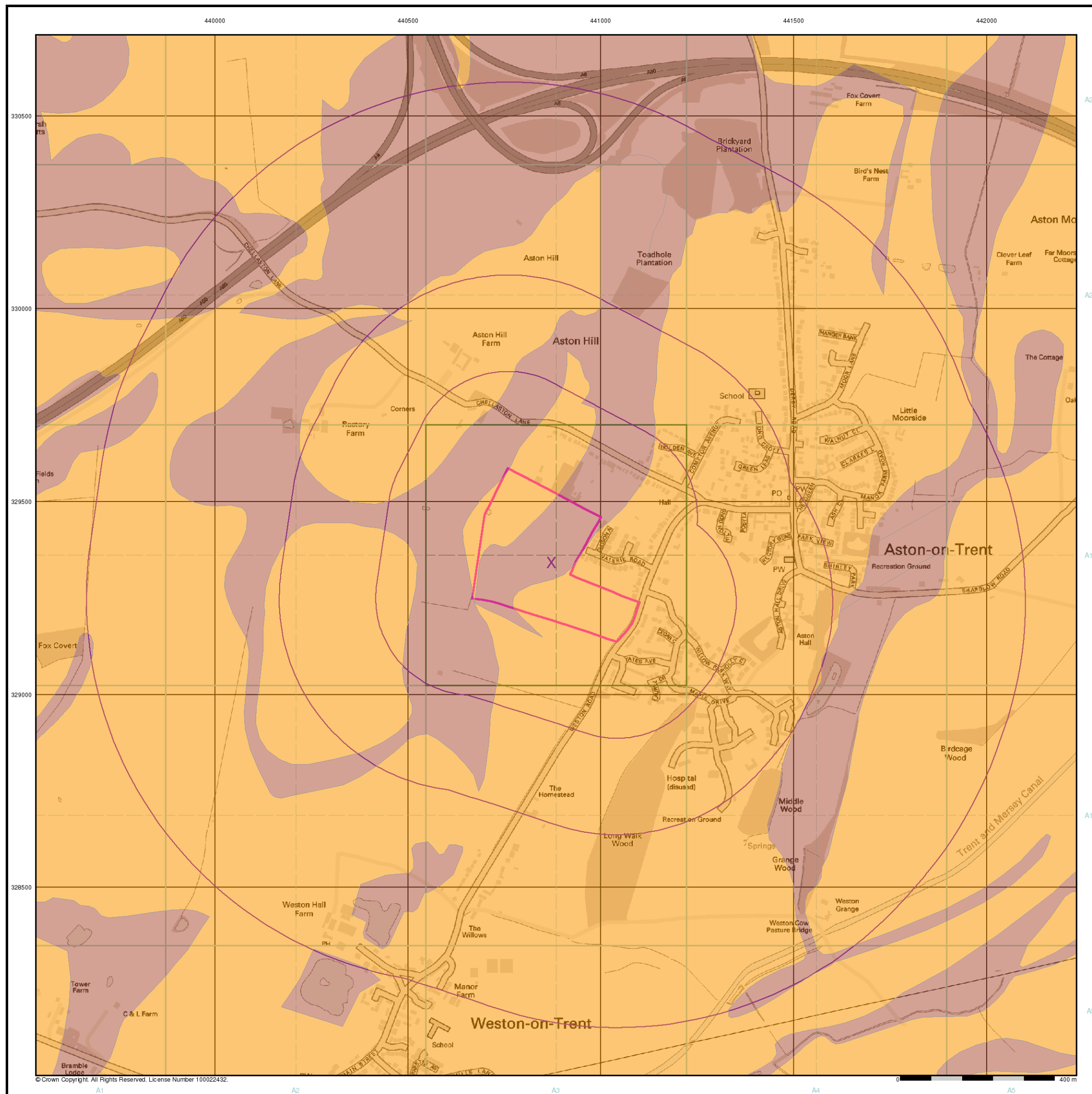


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Site Details

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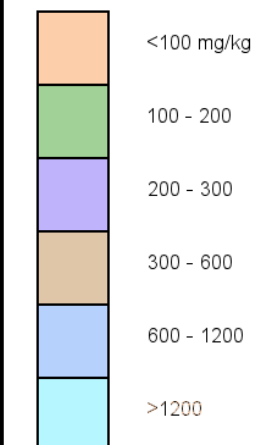


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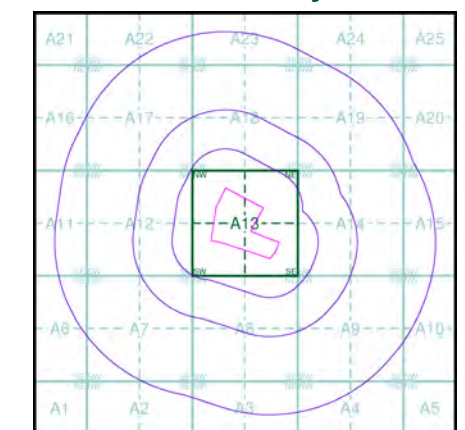
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Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

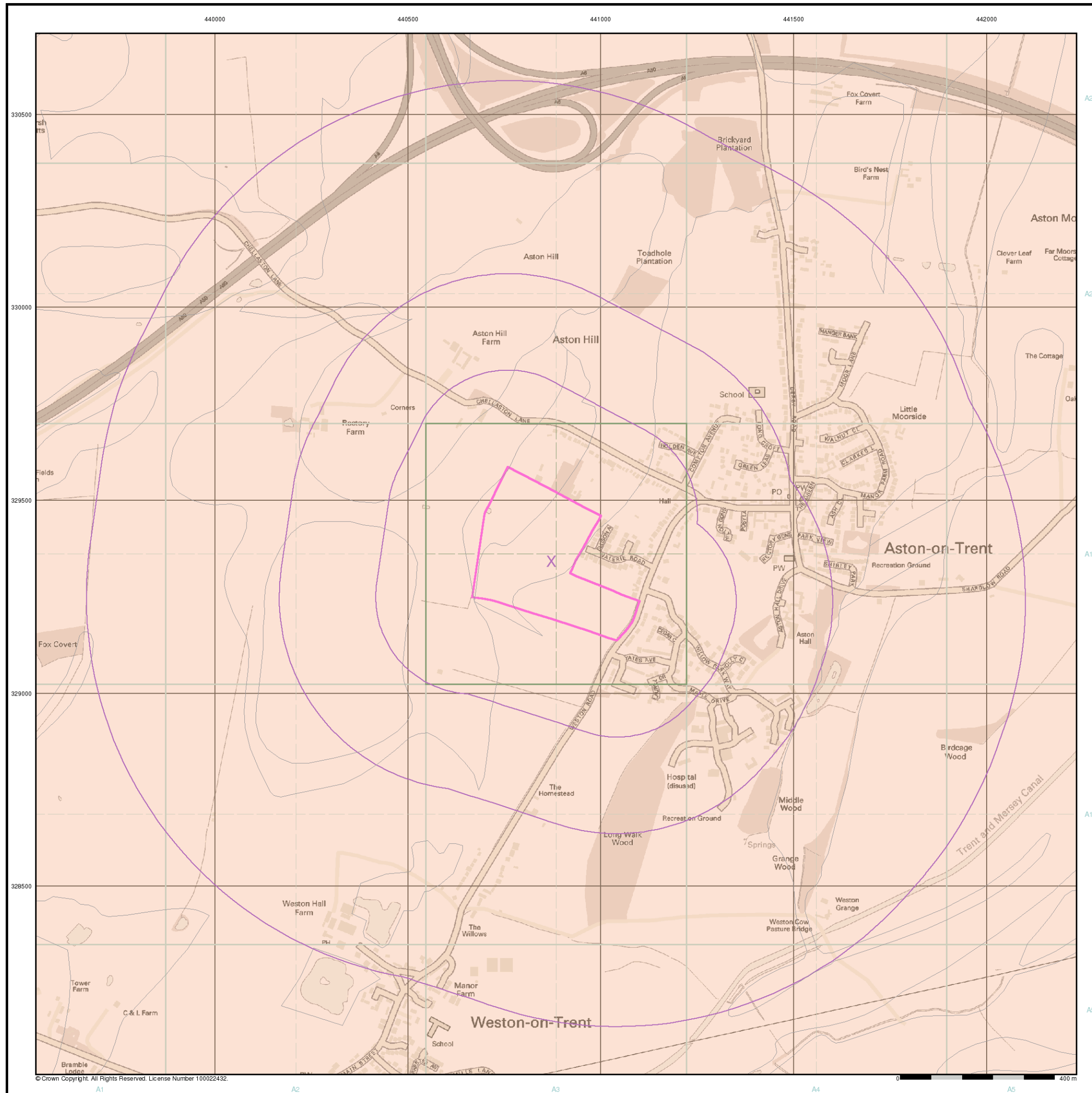


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Site Details

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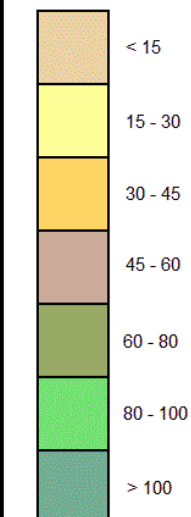


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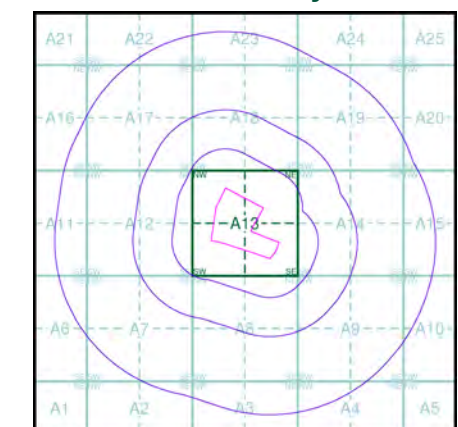
 Specified Site
  Specified Buffer(s)
  Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

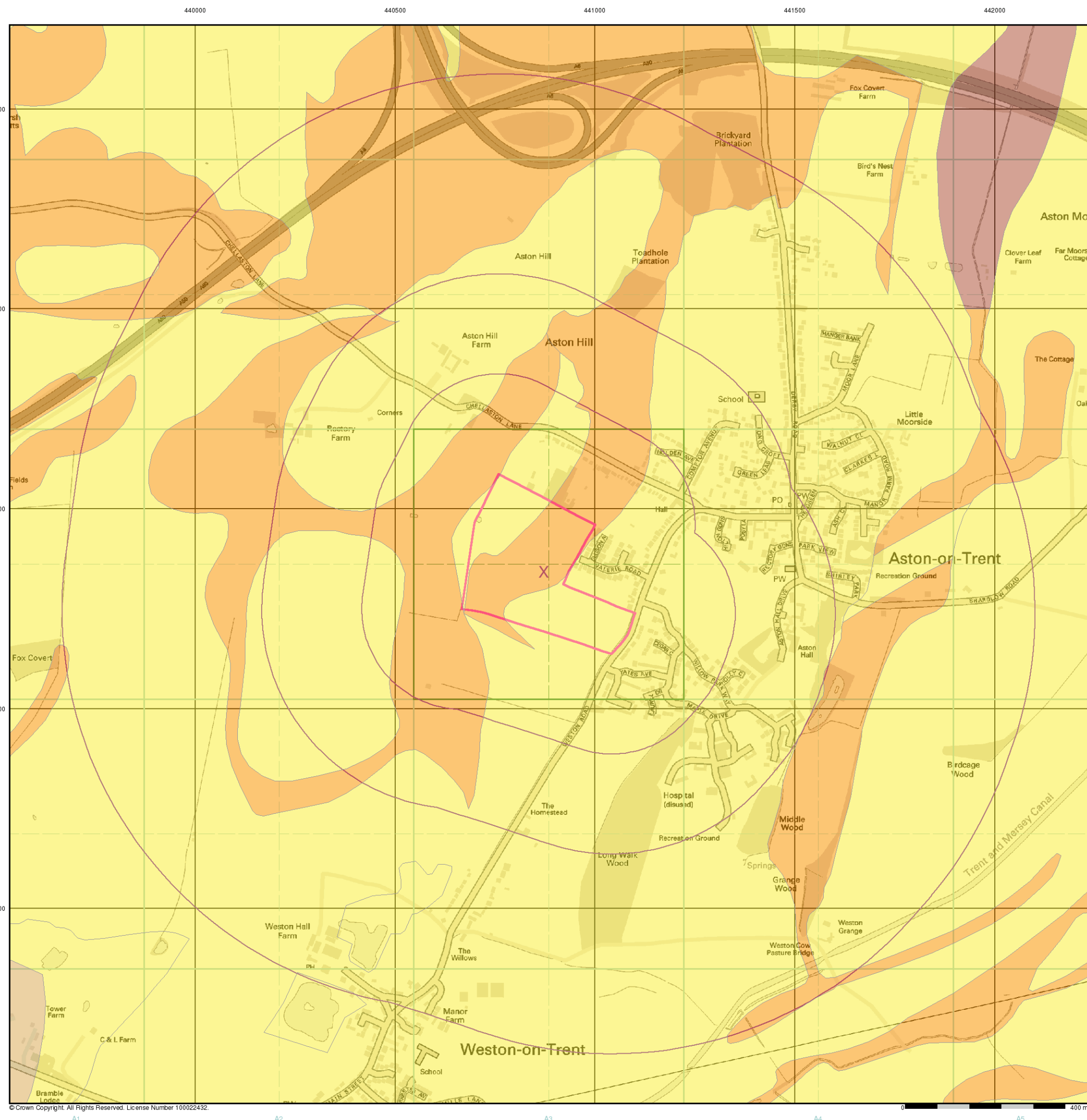


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Order Details: 85250423_1_1
 Customer Ref: 6084
 National Grid Reference: 440870, 329340
 Slice: A
 Site Area (Ha): 10.37
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Site Details

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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WMGR	Infilled Ground	Artificial Deposit	Cenozoic - Cenozoic
	WGR	Worked Ground (Undivided)	Void	Holocene - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Holocene - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Flandrian - Flandrian
	ODT	Oadby Member	Diamicton	Anglian - Anglian
	THT	THRUSSINGTON MEMBER	Diamicton	Anglian - Anglian
	GLLMP	Glaciolacustrine Deposits, Mid Pleistocene	Clay, Silt and Sand	Ipswichian - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Ipswichian - Cromerian
	BSSG	Beeston Sand and Gravel Member	Sand and Gravel	Pleistocene - Pleistocene
	ETSG	Etwall Sand and Gravel Member	Sand and Gravel	Pleistocene - Pleistocene
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Pleistocene - Pleistocene
	HETD	Hemington Member	Silt and Gravel	Holocene - Pleistocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Quaternary - Quaternary
	ALTD	Allenton Terrace Deposits	Sand and Gravel	Quaternary - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	BCMU	Branscombe Mudstone Formation	Mudstone	Rhaetian - Norian
	EDW	Edwalton Member	Mudstone	Carnian - Carnian
	AS	Arden Sandstone Formation	Sandstone	Carnian - Carnian

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	GUN	Gunthorpe Member	Mudstone	Ladinian - Anisian
	TPSF	Tarporley Siltstone Formation	Siltstone, Mudstone and Sandstone	Anisian - Olenekian
	TPSF	Tarporley Siltstone Formation	Siltstone, Mudstone and Sandstone	Anisian - Olenekian
	BMS	Bromsgrove Sandstone Formation	Sandstone	Anisian - Early Triassic
	MOI	Moirs Formation	Breccia	Anisian - Late Permian
	WDF	Widmerpool Formation	Limestone and Mudstone, Interbedded	Brigantian - Asbian
		Faults		



Geology 1:50,000 Maps

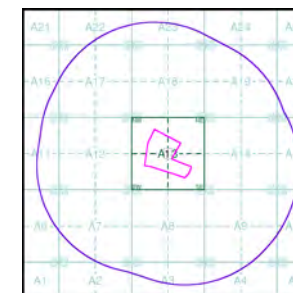
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	141
Map Name:	Loughborough
Map Date:	2000
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



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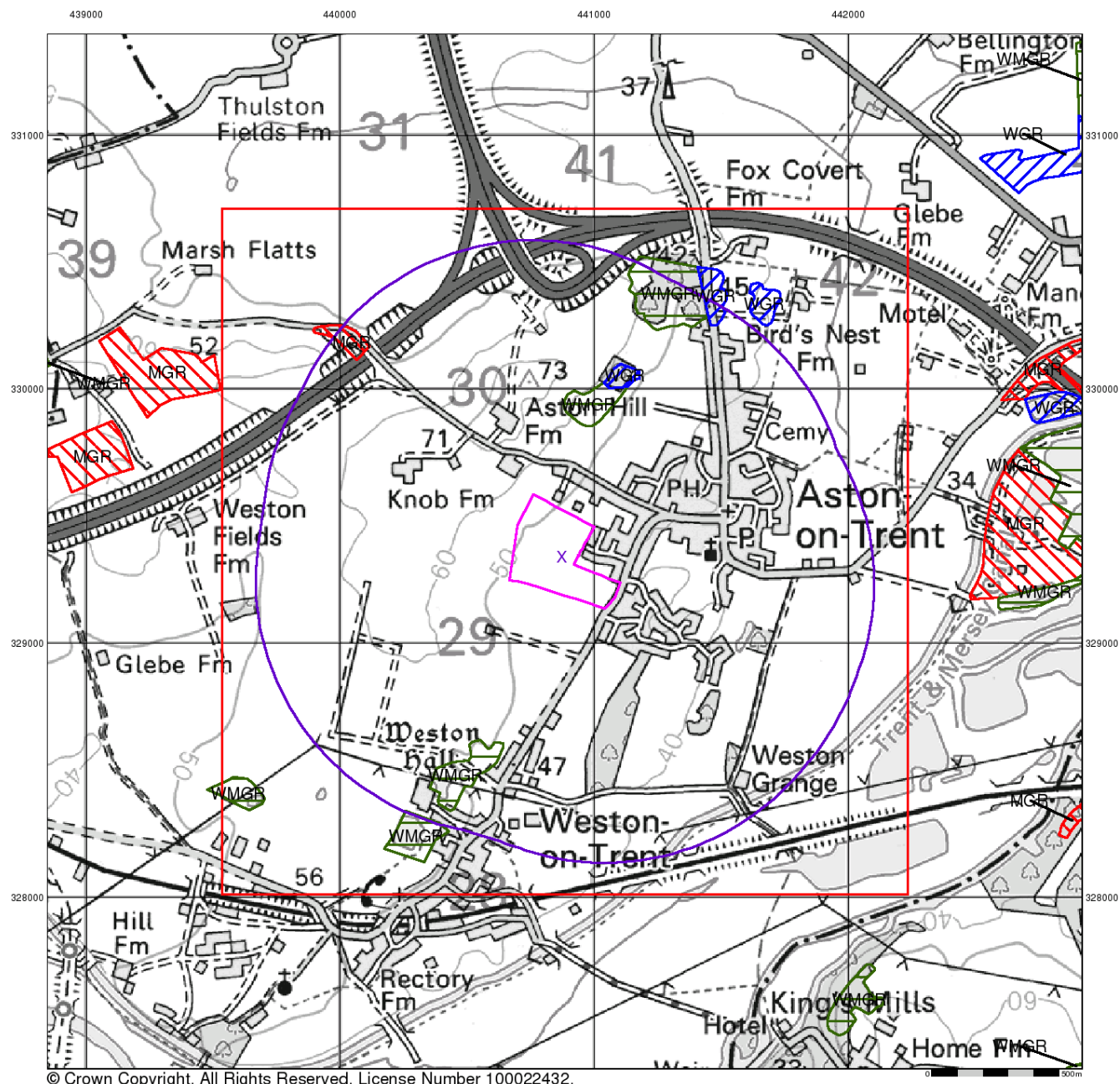
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Customer Reference:	6084
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Slice:	A
Site Area (Ha):	10.37
Search Buffer (m):	1000

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Artificial Ground and Landslip

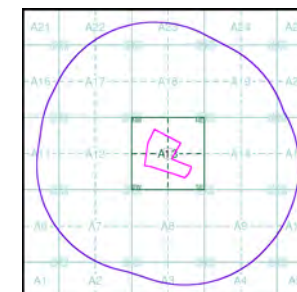
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



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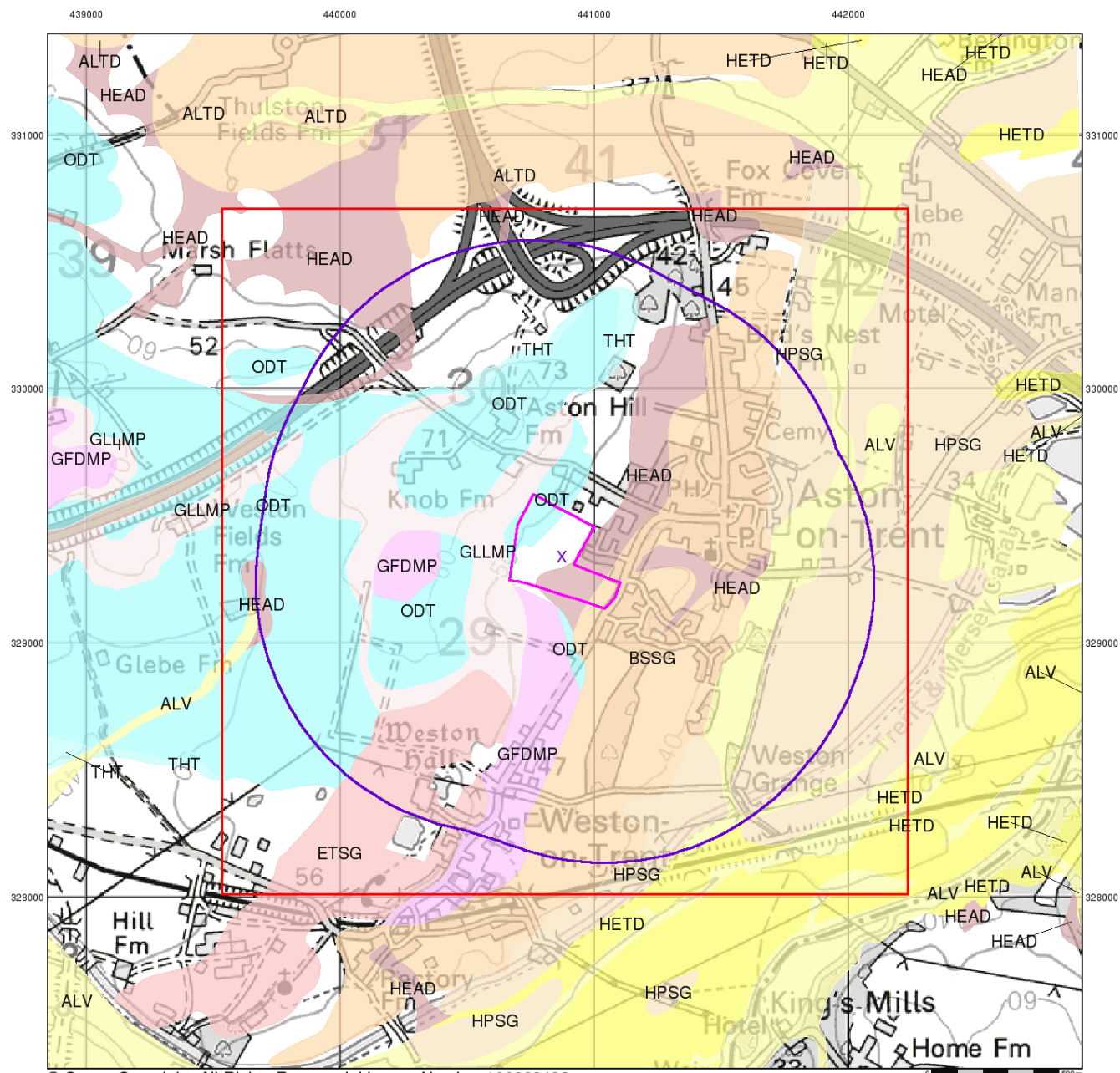
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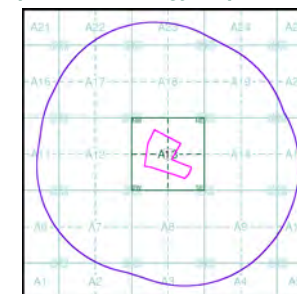
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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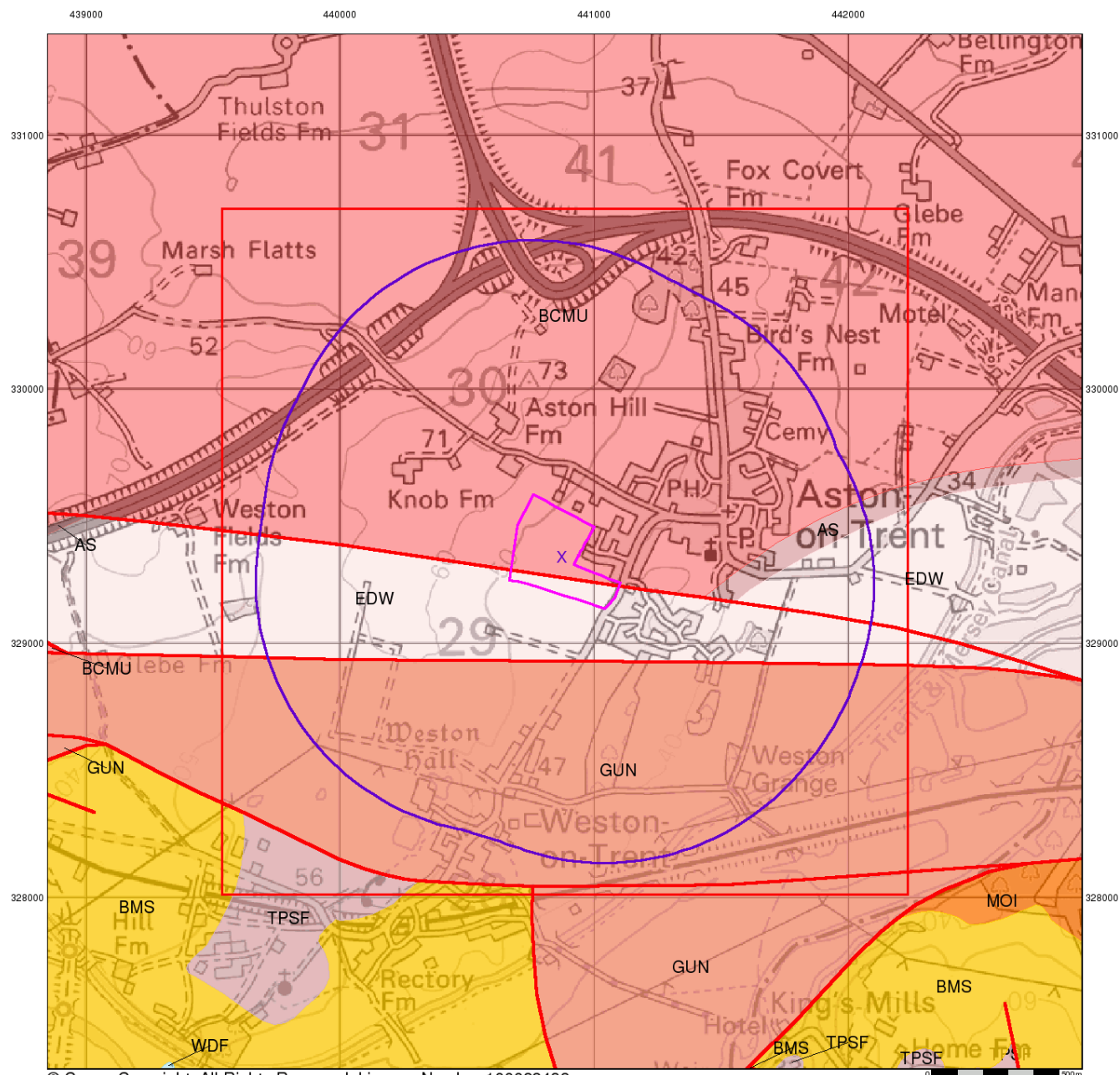
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Bedrock and Faults

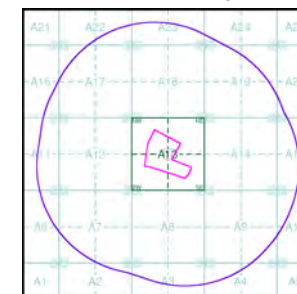
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

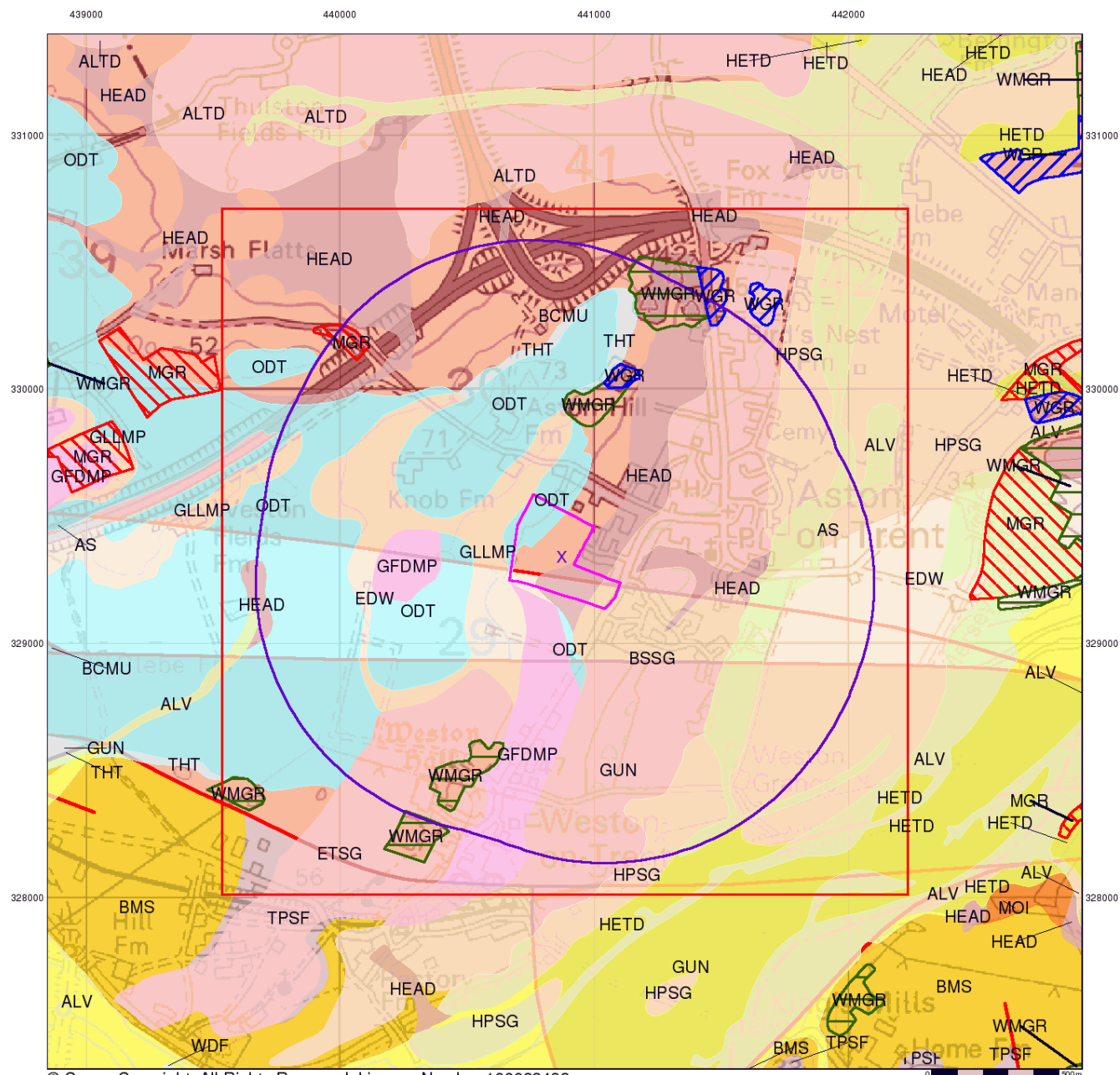
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 Slice: A
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Combined Surface Geology

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

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

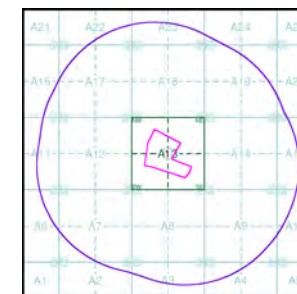
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

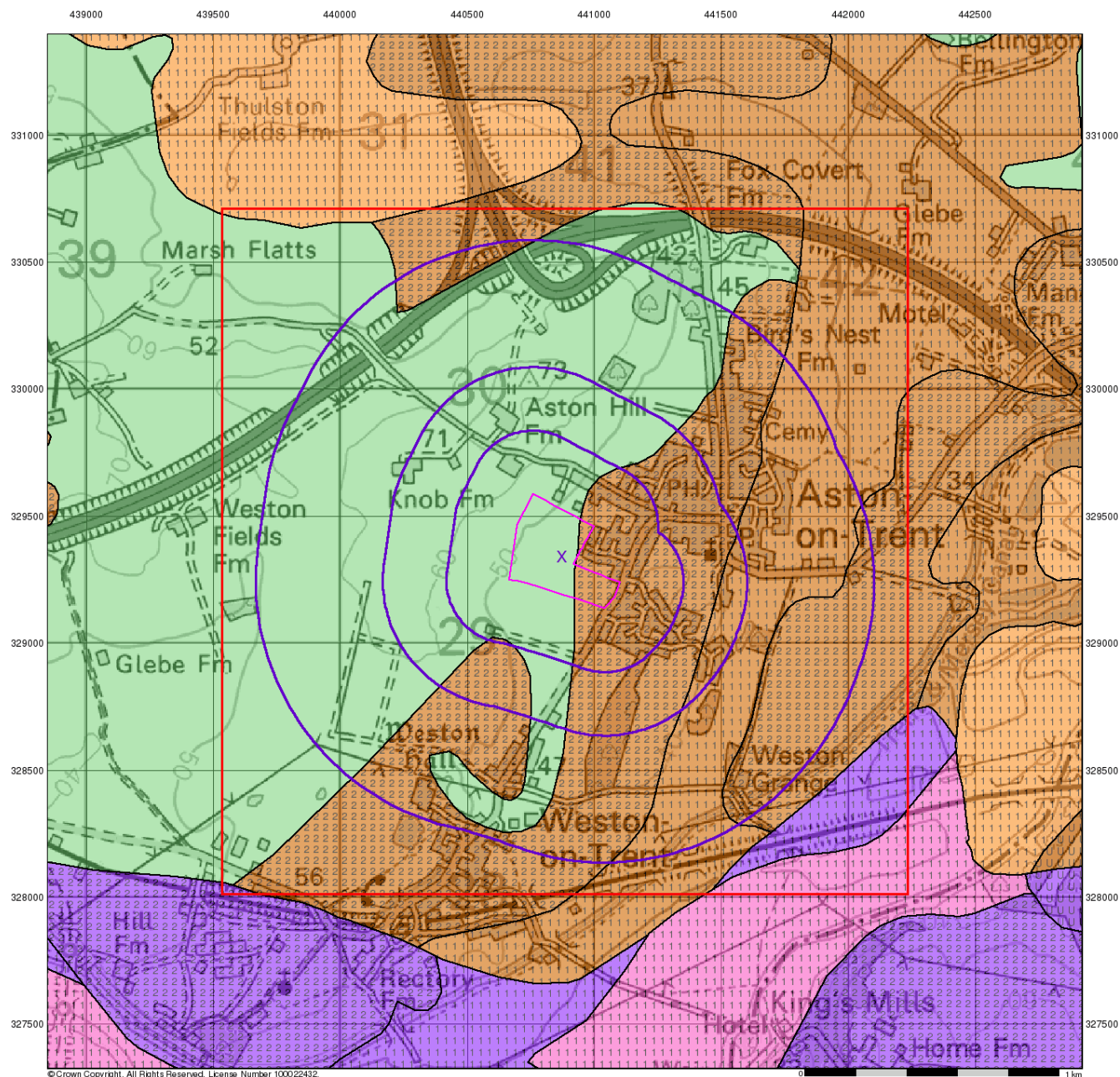
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Groundwater Vulnerability

General

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

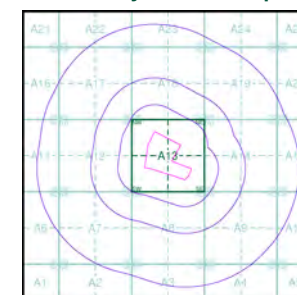
Agency and Hydrological

Geological Classes

- | | |
|---|---|
| Major Aquifer (Highly Permeable) | 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 | |

Soil Classes

Site Sensitivity Context Map - Slice A



Order Details

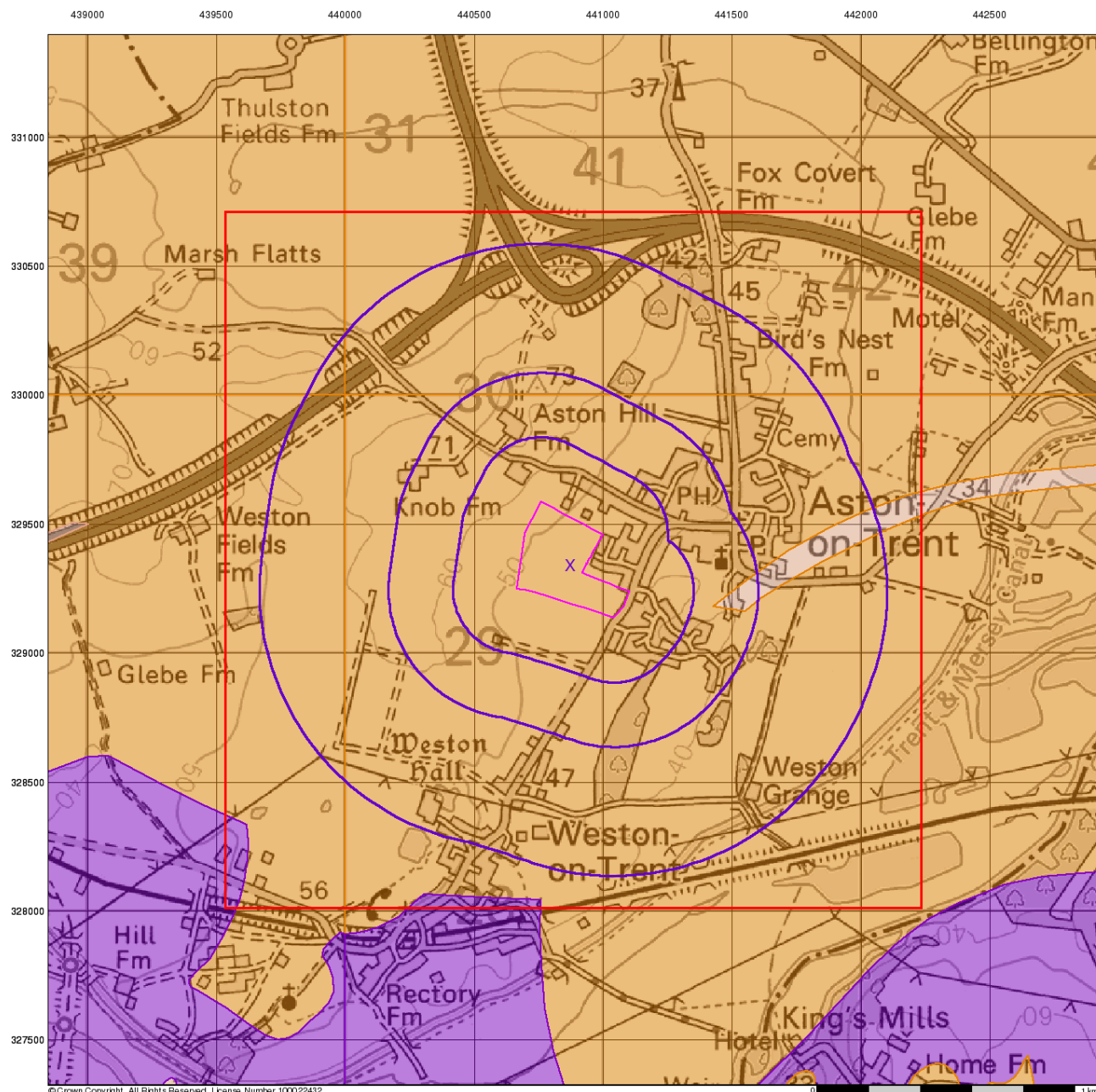
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Bedrock Aquifer Designation

General

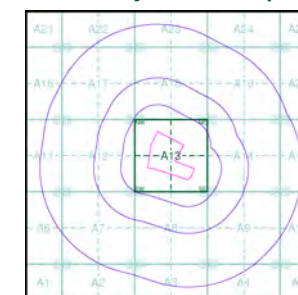
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

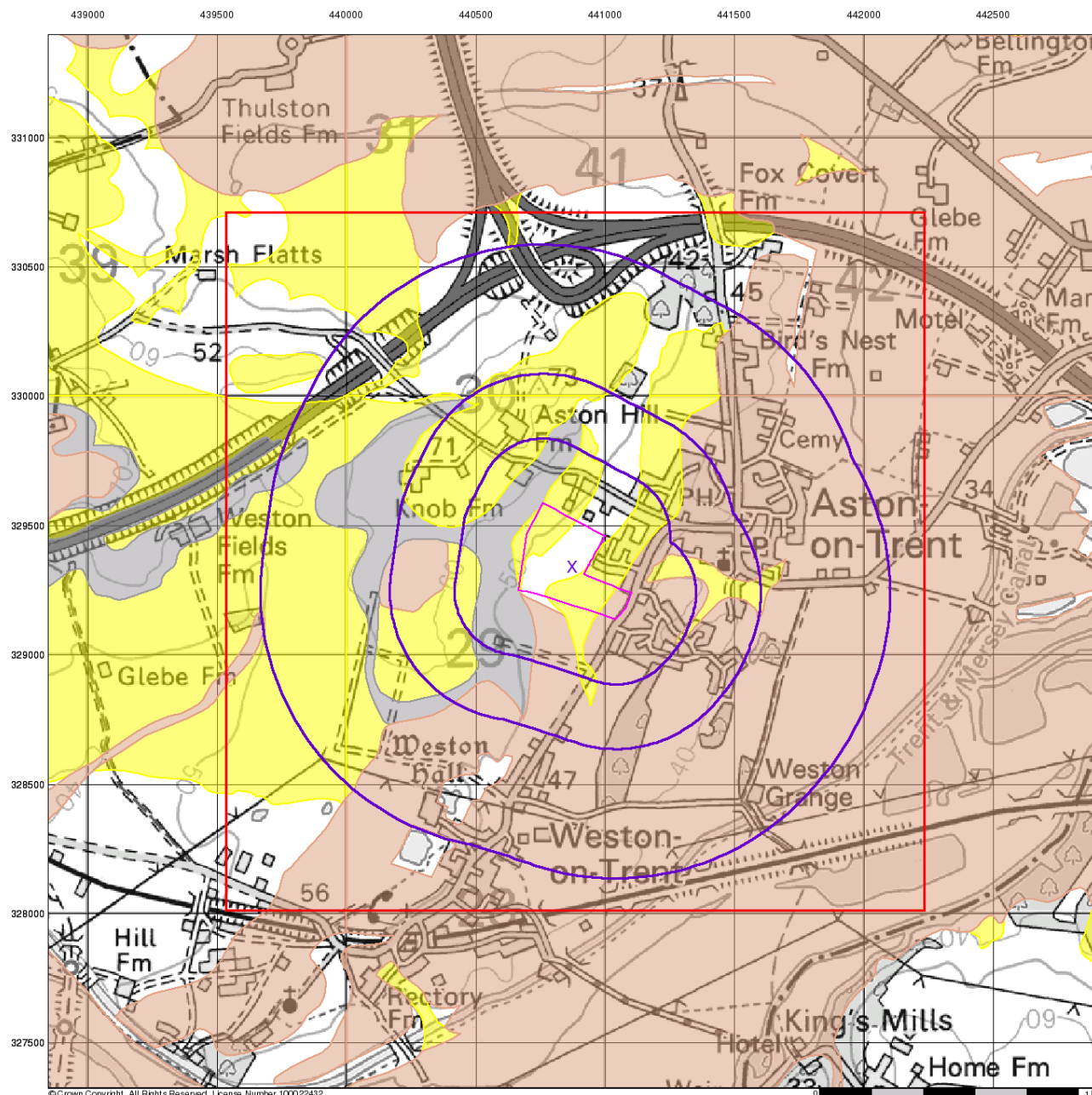
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Site Details

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Superficial Aquifer Designation

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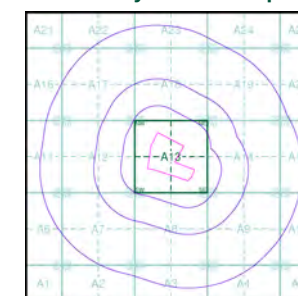
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

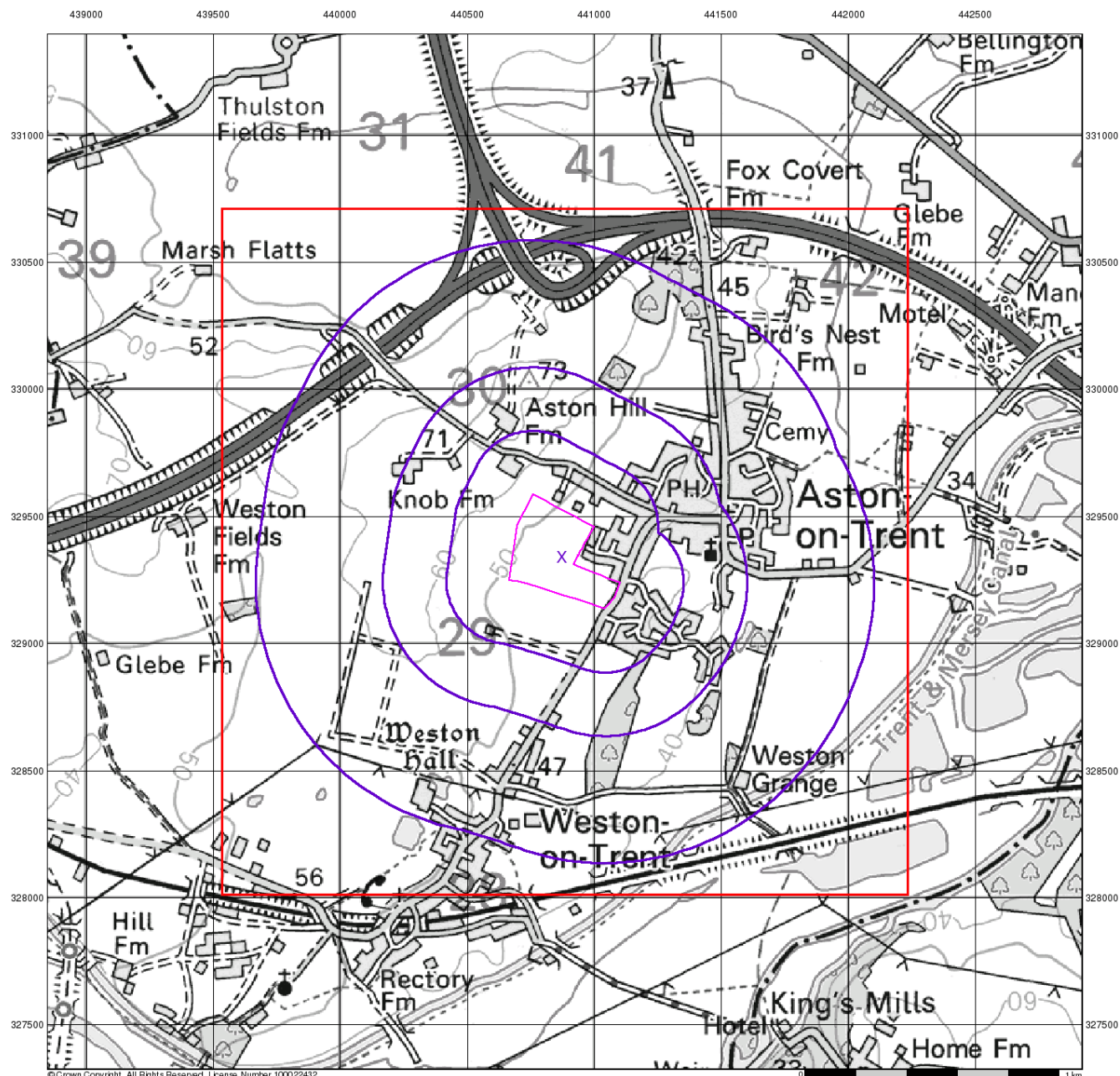
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Source Protection Zones

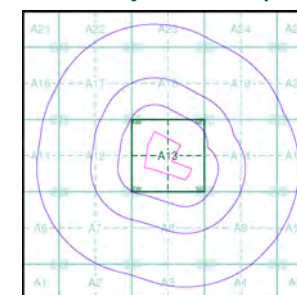
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

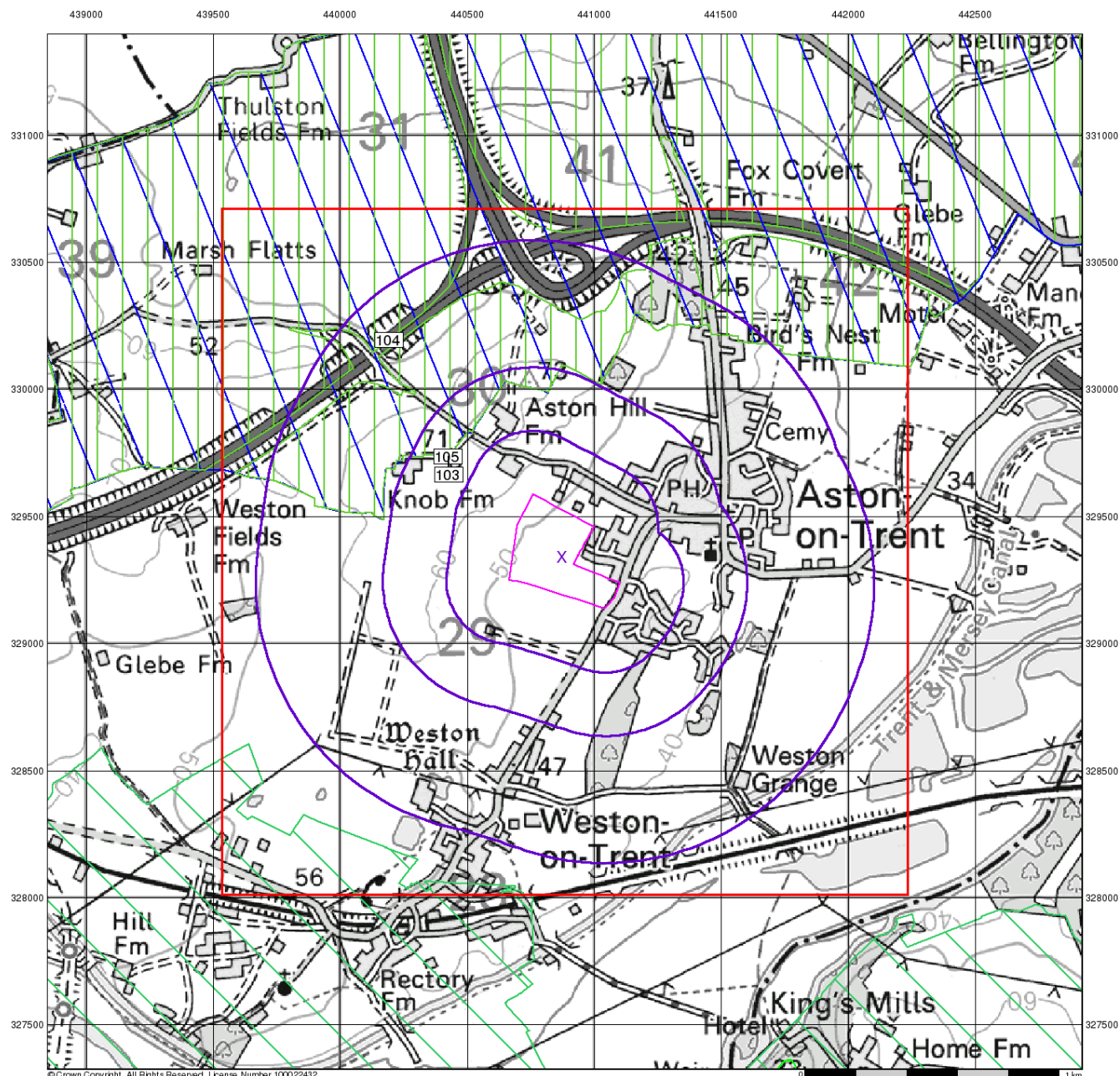
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Sensitive Land Uses

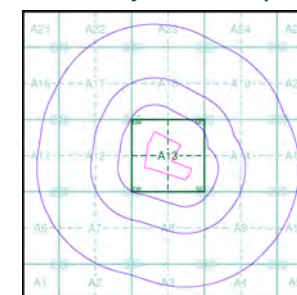
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

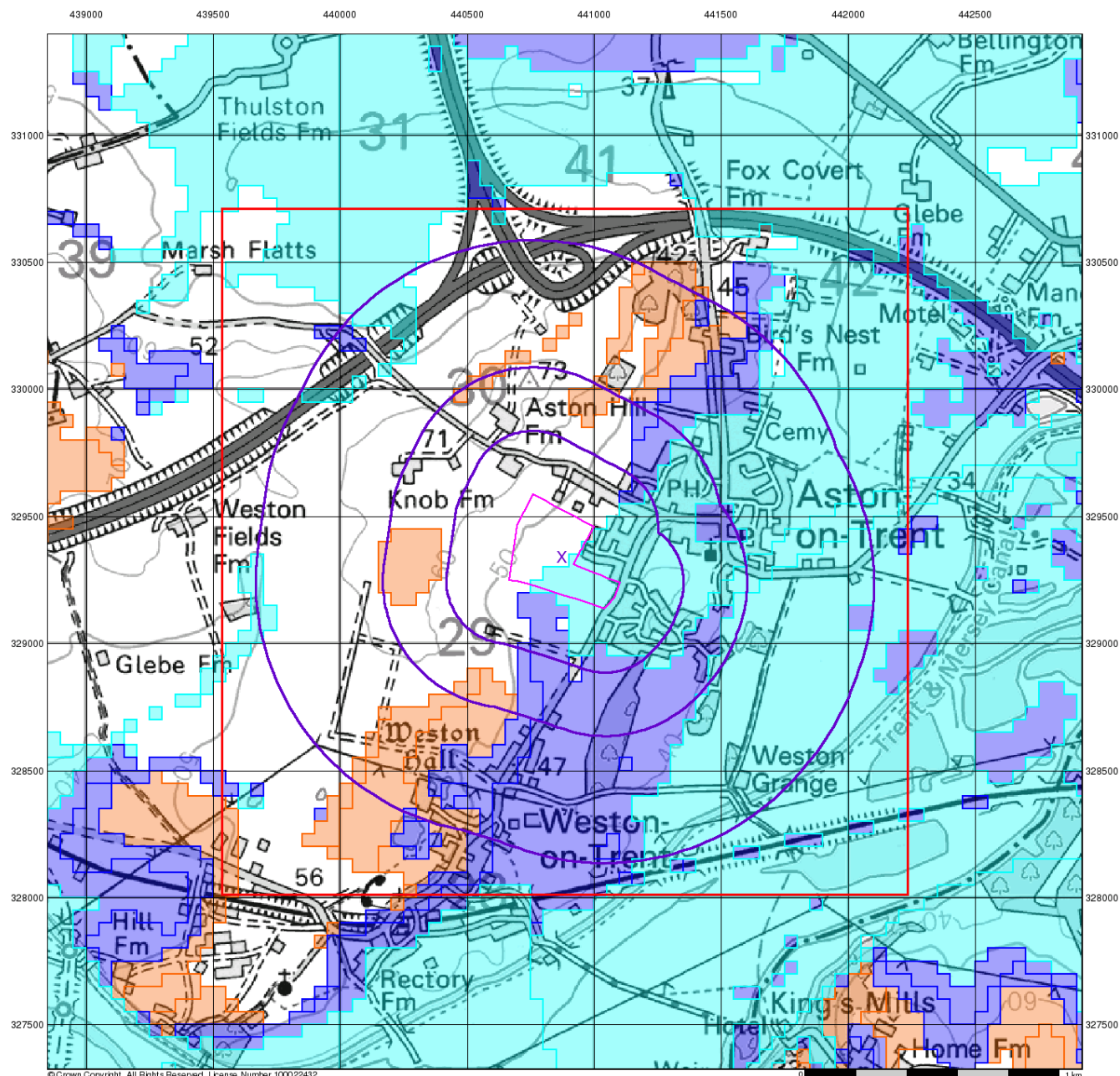
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BGS Flood GFS Data

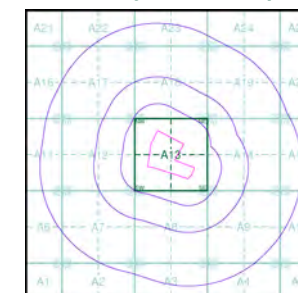
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

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Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

85250423_1_1

Customer Reference:

6084

National Grid Reference:

440870, 329340

Slice:

A

Site Area (Ha):

10.37

Search Buffer (m):

1000

Site Details:

Weston Road
Aston-on-Trent
DERBY
DE72 2DN

Client Details:

Mr J Lees
Lees Roxburgh Ltd
The Genesis Centre
Science Park South, Birchwood
Warrington
WA3 7BH

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	17
Industrial Land Use	26
Sensitive Land Use	29
Data Currency	30
Data Suppliers	36
Useful Contacts	37

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

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

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Report Version v50.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		1		2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2	Yes			
Pollution Incidents to Controlled Waters	pg 2				1
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 2				1
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				(*26)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 9	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 9	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				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
Detailed River Network Lines					n/a
Detailed River Network Offline Drainage	pg 9	Yes	Yes	Yes	n/a

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 11				1
Historical Landfill Sites	pg 11	1			4
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 12				3
Licensed Waste Management Facilities (Locations)	pg 12				1
Local Authority Landfill Coverage	pg 12	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 13		1	4	7
Potentially Infilled Land (Water)	pg 13	1	2	5	17
Registered Landfill Sites	pg 15	1			3
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
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					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 17	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 17	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 19	1	1	4	17
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 23	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 23			2	2
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	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
Industrial Land Use					
Contemporary Trade Directory Entries	pg 26		1	2	9
Fuel Station Entries					
Points of Interest - Commercial Services	pg 27				4
Points of Interest - Education and Health	pg 27			1	
Points of Interest - Manufacturing and Production	pg 27			1	6
Points of Interest - Public Infrastructure	pg 28				2
Points of Interest - Recreational and Environmental	pg 28				2
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 29			1	1
Areas of Unadopted Green Belt	pg 29			1	
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	0	2	440850 329200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (E)	0	2	440900 329342
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	135	2	441100 329550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	220	2	440750 329000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	267	2	440400 329342
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	323	2	440950 329850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	340	2	441400 329400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	351	2	441450 329200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	355	2	440600 328900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	368	2	440550 328900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	372	2	441150 329800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	423	2	441500 329100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	443	2	440600 330000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17SE (NW)	447	2	440500 329950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	478	2	441000 330000
1	Discharge Consents Operator: Mrs F Wright Property Type: Not Given Location: Proposed Detached House , Chellaston Lane, ASTON-ON-TRENT, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/36/1191/1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 17th June 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	A18SW (N)	222	3	440700 329800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Aston Pumpint Station - Storm O/F, Aston, Leicestershire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment To Confluence With Derwent Reference: T/36/01332/O Permit Version: 1 Effective Date: 27th January 1965 Issued Date: 27th January 1965 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Canal Environment: Receiving Water: Trent/Mersey Canal Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A14NE (E)	747	3	441800 329500
3	Discharge Consents Operator: Severn Trent Water Limited Property Type: Sewerage Network - Pumping Station - Water Company Location: Aston Upon Trent Sps, Aston Upon Trent, Derbyshire Authority: Environment Agency, Midlands Region Catchment Area: Trent Catchment To Confluence With Derwent Reference: T/49/02939/O Permit Version: 1 Effective Date: 3rd May 1971 Issued Date: 3rd May 1971 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Trent (Non-Tidal) (Trib) Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	A15SW (E)	901	3	442000 329300
	Nearest Surface Water Feature	A13SE (SE)	0	-	441101 329238
4	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Foul Sewer Location: Moor Lane, /Manor Farm Road, ASTON-ON-TRENT Authority: Environment Agency, Midlands Region Pollutant: Crude Sewage Note: Amenity Affected; Blockage On Public Sewer Incident Date: 13th April 1997 Incident Reference: 2802349 Catchment Area: Trent Catchment : Trent To Confluence With Derwent Receiving Water: Watercourse Cause of Incident: Blocked Sewer Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	621	3	441700 329400
	River Quality Name: Trent & Mersey GQA Grade: River Quality C Reach: High Br Egginton To Conf. R. Trent Estimated Distance (km): 19 Flow Rate: Flow greater than 80 cumecs Flow Type: Canal Year: 2000	A4NW (SE)	945	3	441370 328250
	Water Abstractions Operator: K S Kang Licence Number: 03/28/36/0171 Permit Version: 100 Location: Land At Aston Upon Trent - Borehole Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Land At Aston Upon Trent - Borehole Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 16th March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A24NW (N)	1502	3	441430 330930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: British Waterways Board Licence Number: 03/28/36/0159 Permit Version: 100 Location: Arleston House - Trent & Mersey Canal-2 Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Arleston House - Trent & Mersey Canal Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 17th August 1998 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1503	3	442560 329600
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry, Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry, Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry, Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry,Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1590	3	442690 329200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry, Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry, Aston-On-Trent- Catchpit Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1590	3	442690 329200
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry, Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry, Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 102 Location: Shardlow Quarry,Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 101 Location: Shardlow Quarry,Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry,Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry, Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Dust Suppression Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry, Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0170 Permit Version: 100 Location: Shardlow Quarry, Aston-On-Trent- Catchpit (2) Authority: Environment Agency, Midlands Region Abstraction: Extractive: Process water Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Quarry, Aston-On-Trent- Catchpit Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 30th November 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1862	3	442960 329340
	Water Abstractions Operator: Powergen Licence Number: 03/28/36/00621 Permit Version: Not Supplied Location: Castle Donn/Ton Power Station Authority: Environment Agency, Midlands Region Abstraction: Electricity Generation Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 916001 Yearly Rate (m3): 75000000 Details: River Trent Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1905	3	442715 328205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0162 Permit Version: 101 Location: Shardlow Aston-Upon-Trent - R Trent Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Aston-Upon-Trent - R Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 13th August 2012 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1952	3	443000 328790
	Water Abstractions Operator: Hanson Quarry Products Europe Ltd Licence Number: 03/28/36/0162 Permit Version: 100 Location: Shardlow Aston-Upon-Trent - R Trent Authority: Environment Agency, Midlands Region Abstraction: Extractive: Mineral Washing Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Shardlow Aston-Upon-Trent - R Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1952	3	443000 328790
	Water Abstractions Operator: Severn Trent Water Limited Licence Number: 03/28/36/0178/1 Permit Version: 100 Location: Witches Oak Waters, Shardlow - River Trent (Top Up) Authority: Environment Agency, Midlands Region Abstraction: Water supply related: General Use (High Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Witches Oak Water - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 10th January 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1961	3	443000 328750
	Water Abstractions Operator: Severn Trent Water Limited Licence Number: 03/28/36/0178 Permit Version: 1 Location: Witches Oak Waters, Shardlow - River Trent (Top Up) Authority: Environment Agency, Midlands Region Abstraction: Water supply related: General Use (High Loss) Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Witches Oak Water - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1961	3	443000 328750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Severn Trent Water Licence Number: 03/28/36/0178 Permit Version: 1 Location: Witches Oak Waters, Shardlow - River Trent (Top Up) Authority: Environment Agency, Midlands Region Abstraction: General Agriculture: Make-Up Or Top Up Water Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Witches Oak Waters - River Trent Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 19th July 2000 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1961	3	443000 328750
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (H2) - Deep, permeable, coarse textured soils which readily transmit a wide range of pollutants because of their rapid drainage and low attenuation potential Map Sheet: Sheet 23 Leicestershire Scale: 1:100,000	A13SE (E)	0	3	440931 329333
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 23 Leicestershire Scale: 1:100,000	A13SW (N)	0	3	440873 329342
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (N)	0	2	440873 329342
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13SE (SE)	0	2	440890 329305
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (SW)	0	2	440785 329180
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SW (W)	0	2	440660 329305
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A13NW (NW)	0	2	440797 329421
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
	Detailed River Network Lines None				
5	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A13SE (SE)	0	3	441101 329238
6	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A13SW (S)	0	3	440830 329206
7	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A13SW (SW)	44	3	440632 329223

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A8NW (S)	171	3	440779 329015
9	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A8NE (SE)	234	3	441213 328977
10	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A8NE (S)	262	3	440914 328903
11	Detailed River Network Offline Drainage River Type: Tertiary River Hydrographic Area: D004	A9NW (SE)	499	3	441513 328934

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	BGS Recorded Landfill Sites Site Name: Aston Brickworks Location: Derby Rd, ASTON-ON-TRENT, Derbys Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A19NW (NE)	787	-	441242 330223
13	Historical Landfill Sites Licence Holder: Siddall Contractors Limited Location: Weston Road, Aston-On-Trent, Derbyshire Name: The Dingle Operator Location: 131 Monk Street, Derby Boundary Accuracy: As Supplied Provider Reference: EAHL23012 First Input Date: 31st December 1976 Last Input Date: 30th November 1978 Specified Waste Type: Deposited Waste included Industrial, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1000/0333 BGS Ref: Not Supplied Other Ref: LW06	A13SW (W)	0	3	440748 329352
14	Historical Landfill Sites Licence Holder: Mr G T Brace Location: Aston-On-Trent Name: The Wood, Longcroft Farm Operator Location: Longcroft Farm, Aston-on-Trent Boundary Accuracy: As Supplied Provider Reference: EAHL23002 First Input Date: 4th January 1978 Last Input Date: 3rd December 1986 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1000/0411 BGS Ref: Not Supplied Other Ref: LA13	A18SE (N)	508	3	441102 329982
15	Historical Landfill Sites Licence Holder: Aston on Trent Parish Council Location: Aston On Trent Name: Old Playing Field, Rear of NOTSA Engineering Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL23011 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 1000/0019 BGS Ref: Not Supplied Other Ref: LA28	A14NE (E)	540	3	441623 329374
16	Historical Landfill Sites Licence Holder: John Jones (Excavations) Limited Location: Aston-On-Trent, Derby Name: Aston Hill Borrow Pit Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHL30287 First Input Date: 31st December 1996 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Industrial and Household Waste EA Waste Ref: 43480 Regis Ref: BC1/L/JOH001 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: LA10, 9999/9485	A18NE (N)	709	3	441129 330208

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	Historical Landfill Sites Licence Holder: Not Supplied Location: Derby Road, Aston-on-trent, Derbyshire Name: Aston Brickworks Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31496 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2949 Other Ref: Not Supplied	A19NW (NE)	787	3	441242 330223
18	Licensed Waste Management Facilities (Landfill Boundaries) Name: Aston Hill Borrow Pit Licence Number: 43480 Location: Not Supplied Licence Holder: John Jones (Excavation) Ltd Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 20th February 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A23SE (N)	811	3	440905 330384
19	Licensed Waste Management Facilities (Landfill Boundaries) Name: Shardlow Quarry Landfill Epr/Qp3038hq Licence Number: 0 Location: SHARDLOW QUARRY, ACRE LANE, ASTON-ON-TRENT, DERBY, DE72 2SP Licence Holder: Hanson Quarry Products Europe Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Waste landfilling; any other landfill to which the 2002 landfill regulations apply Max Input Rate: Not Supplied Licence Status: Effective Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A4NW (SE)	924	3	441423 328295
20	Licensed Waste Management Facilities (Landfill Boundaries) Name: Shardlow Landfill Licence Number: 43567 Location: Shardlow Quarry, Acre Lane, Aston Under Trent, Shardlow, Derbyshire, DE72 2SP Licence Holder: Hanson Quarry Products (Europe) Ltd Authority: Environment Agency - Midlands Region, East Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Modified Issued: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A4NW (SE)	924	3	441423 328295
21	Licensed Waste Management Facilities (Locations) Licence Number: 43480 Location: Not Supplied Operator Name: John Jones (Excavation) Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, East Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: Surrendered Issued: 20th February 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 31st October 2001 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SE (N)	926	3	441201 330400
	Local Authority Landfill Coverage Name: South Derbyshire District Council - Has no landfill data to supply		0	4	440873 329342
	Local Authority Landfill Coverage Name: Derbyshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	440873 329342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (SE)	187	-	441265 329141
23	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	268	-	440971 329778
24	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	301	-	440939 329831
25	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SW (N)	396	-	440859 329970
26	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	407	-	440985 329932
27	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A18SE (N)	510	-	441040 330015
28	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A18NW (N)	555	-	440760 330142
29	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A8SW (S)	625	-	440626 328615
30	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A18NE (N)	808	-	441217 330258
31	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A23SE (N)	895	-	441156 330389
32	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A23SE (N)	903	-	441056 330440
33	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1977	A23SE (N)	952	-	441049 330493
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SE (E)	0	-	440935 329352
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A13NE (E)	163	-	441153 329402
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (N)	176	-	440880 329721
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14SW (E)	337	-	441423 329335
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SE (N)	388	-	440963 329918
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NW (N)	460	-	440836 330040

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NW (N)	468	-	440804 330052
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NW (N)	486	-	440884 330056
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18NE (N)	534	-	440896 330103
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	556	-	441469 329757
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A14NE (E)	596	-	441664 329433
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	600	-	441678 329399
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	611	-	441425 329898
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SE (NE)	620	-	441563 329720
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	623	-	441652 329528
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	688	-	441709 329560
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	700	-	441711 329582
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A14NE (E)	754	-	441813 329484
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	780	-	440728 328419
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (S)	791	-	440512 328474
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8SW (S)	795	-	440625 328437
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A7SE (SW)	819	-	440433 328451
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A7SE (SW)	829	-	440491 328439
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7SE (S)	906	-	440475 328363
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1923	A7SE (SW)	927	-	440388 328365

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Registered Landfill Sites Licence Holder: Siddall Contractors Ltd Licence Reference: LW06 Site Location: The Dingle, Weston Road, Aston On Trent, Derby, Derbyshire Licence Easting: 440700 Licence Northing: 329370 Operator Location: 131 Monk Street, DERBY, Derbyshire, DE3 3QE Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1977 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: Commercial Waste Construction Ind. Wastes Ind. Non-Haz. Waste Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A13NW (W)	0	3	440700 329370
60	Registered Landfill Sites Licence Holder: G T Brace Licence Reference: LA13 Site Location: The Wood; Longcroft Farm, Aston-Upon-Trent, Melbourne, Derby, Derbyshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: As Site Address Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 24th January 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate Authorised Waste: Construction And Demolition Wastes Foundry Sand Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A18SE (N)	508	3	441087 329989
61	Registered Landfill Sites Licence Holder: Aston On Trent Parish.C. Licence Reference: LA28 Site Location: Rear Of Notsa Engineering, Aston-Upon-Trent, Melbourne, Derby, Derbyshire Licence Easting: 441700 Licence Northing: 329400 Operator Location: 91 Derby Road, Ashton-On-Trent, Derby, Derbyshire Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 6th April 1982 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: Construction And Demolition Wastes Prohibited Waste: Poisonous, Noxious, Polluting Wastes	A14NE (E)	621	3	441700 329400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Registered Landfill Sites Licence Holder: John Jones (Excavation) Ltd Licence Reference: LA10 Site Location: Aston Hill Borrow Pit, Aston On Trent, Derby, Derbyshire Licence Easting: 441000 Licence Northing: 330500 Operator Location: Norjon House, Newby Road, Hazel Grove, STOCKPORT, Cheshire, SK7 5DU Authority: Environment Agency - Midlands Region, Lower Trent Area Site Category: Landfill Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence has completion certificateSurrendered Dated: 20th February 1996 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: Eg Subsoil, Sand, Gravel, Topsoil, Etc Uncontam.Inert Nat'L Occ.Mat'L Prohibited Waste: Asbestos All Types Biodegradable Waste Combustible/ Combustible Waste N.O.S.	A23SE (N)	945	3	441000 330500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Triassic Rocks (Undifferentiated)	A13SW (N)	0	2	440873 329342
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	0	2	440890 329305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	0	2	440797 329421
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (N)	0	2	440873 329342
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (W)	0	2	440660 329305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	146	2	440577 329588
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	150	2	440524 329339

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A18SE (N)	480	2	441000 330002
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14SE (E)	495	2	441574 329094
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A14SE (E)	519	2	441619 329215
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A14NE (E)	613	2	441697 329381
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A8SW (S)	629	2	440642 328606
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A17NW (NW)	774	2	440165 330086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A16SE (W)	903	2	439840 329745
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic 15 - 25 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 30 - 45 mg/kg Concentration:	A11SE (W)	990	2	439684 329134
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A2NE (SW)	993	2	440395 328289
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 40 - 60 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A17NW (NW)	996	2	439893 330083
63	BGS Recorded Mineral Sites Site Name: Aston Upon Trent Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34590 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SW (W)	0	2	440698 329353
64	BGS Recorded Mineral Sites Site Name: Aston Hall Gravel Pit Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34601 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Beeston Sand And Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	195	2	441275 329146

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34600 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18SE (N)	266	2	440980 329770
66	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174792 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18SE (N)	314	2	440957 329837
67	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Air Shaft Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174786 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18SW (N)	399	2	440865 329971
68	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34597 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18SE (N)	418	2	440966 329950
69	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174793 Type: Opencast Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18SE (N)	528	2	441059 330025
70	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Air Shaft Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174787 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NW (N)	539	2	440854 330117

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34596 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NE (N)	592	2	441092 330080
72	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Air Shaft Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174788 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NE (N)	654	2	440988 330199
73	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174794 Type: Opencast Status: Ceased Operator: John Stevens & Son Operator Location: John Stevens & Son, Aston-On-Trent, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NE (N)	692	2	441146 330164
74	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174795 Type: Opencast Status: Ceased Operator: John Stevens & Son Operator Location: John Stevens & Son, Aston-On-Trent, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	703	2	441245 330124
75	BGS Recorded Mineral Sites Site Name: Weston Hall Location: Weston Hall, Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34594 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Etwall Sand & Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	714	2	440573 328539
76	BGS Recorded Mineral Sites Site Name: Aston Gypsum Mine Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34599 Type: Underground Status: Ceased Operator: John Stevens & Son Operator Location: John Stevens & Son, Aston-On-Trent, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NE (N)	718	2	441210 330160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174796 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NW (N)	735	2	440784 330321
78	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Air Shaft Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174789 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A18NE (N)	853	2	441145 330347
79	BGS Recorded Mineral Sites Site Name: Aston Hill Plaster Pit Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174797 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A23SE (N)	868	2	440948 330434
80	BGS Recorded Mineral Sites Site Name: Aston Brickworks Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 22952 Type: Opencast Status: Ceased Operator: The Derby Brick Co Ltd Operator Location: The Derby Brick Co Ltd, Rowditch, Derby Periodic Type: Triassic Geology: Branscombe Mudstone Formation (Cropwell Bishop Formation) Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	902	2	441320 330310
80	BGS Recorded Mineral Sites Site Name: Aston Brickworks Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 22952 Type: Opencast Status: Ceased Operator: The Derby Brick Co Ltd Operator Location: The Derby Brick Co Ltd, Rowditch, Derby Periodic Type: Triassic Geology: Branscombe Mudstone Formation (Cropwell Bishop Formation) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	902	2	441320 330310
81	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Air Shaft Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174791 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A23SE (N)	907	2	441061 330442

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
81	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Location: , Aston-On-Trent, Derby, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 174790 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A23SE (N)	940	2	441063 330476
82	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34595 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A24SW (N)	962	2	441300 330389
83	BGS Recorded Mineral Sites Site Name: Aston Holme Gypsum Mine Location: , Aston-On-Trent, Derby Source: British Geological Survey, National Geoscience Information Service Reference: 34598 Type: Underground Status: Ceased Operator: Pegg & Co. Operator Location: Pegg & Co., Derwent Mills, Derby, Derbyshire Periodic Type: Triassic Geology: Branscombe Mudstone Formation Commodity: Gypsum Positional Accuracy: Located by supplier to within 10m	A24SW (N)	997	2	441225 330468
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Conclusive Evaporites Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (E)	0	-	441000 329342
	Man-Made Mining Cavities Easting: 440900 Northing: 330000 Distance: 437 Quadrant Reference: A18 Quadrant Reference: SE Bearing Ref: N Cavity Type: Adit Entry Gypsum/Alabaster Mine-Details Unknown Commodity: Gypsum Solid Geology Detail: Keuper Marl Superficial Geology: Glacial Till Detail:	A18SE (N)	437	6	440900 330000
	Man-Made Mining Cavities Easting: 440500 Northing: 330000 Distance: 488 Quadrant Reference: A17 Quadrant Reference: SE Bearing Ref: NW Cavity Type: Gypsum Mine-Details Unknown Commodity: Gypsum Solid Geology Detail: Keuper Marl Superficial Geology: Glacial Till Detail:	A17SE (NW)	488	6	440500 330000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 441000 Northing: 330100 Distance: 567 Quadrant Reference: A18 Quadrant Reference: NE Bearing Ref: N Cavity Type: Gypsum/Alabaster Mine-Details Unknown Commodity: Gypsum Solid Geology Detail: Keuper Marl Superficial Geology: Glacial Till Detail:	A18NE (N)	567	6	441000 330100
	Man-Made Mining Cavities Easting: 441100 Northing: 330400 Distance: 882 Quadrant Reference: A23 Quadrant Reference: SE Bearing Ref: N Cavity Type: Gypsum/Alabaster Mine-Details Unknown Commodity: Gypsum Solid Geology Detail: Keuper Marl Superficial Geology: Glacial Till Detail:	A23SE (N)	882	6	441100 330400
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	2	440660 329305
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	146	2	440577 329588
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (W)	150	2	440524 329339
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	2	440890 329305
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	2	440797 329421
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	48	2	440848 329150
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (SW)	208	2	440729 329020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	2	440873 329342
	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	A13SW (N)	0	2	440873 329342

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Contemporary Trade Directory Entries Name: A C Industrial Services Location: 11, Holden Avenue, Aston-on-Trent, Derby, DE72 2AW Classification: Industrial Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	230	-	441167 329617
85	Contemporary Trade Directory Entries Name: Aston Hall Cuisine Location: Aston Hall Hospital, Aston-on-Trent, Derby, DE72 2AL Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	431	-	441391 328881
85	Contemporary Trade Directory Entries Name: Aston Hall Hospital Location: Aston Hall Hospital, Aston-on-Trent, Derby, DE72 2AL Classification: Hospitals Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	431	-	441391 328881
86	Contemporary Trade Directory Entries Name: J K Newbold Location: Derby Rd, Aston-On-Trent, Derby, DE72 2AE Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NW (E)	502	-	441495 329550
87	Contemporary Trade Directory Entries Name: Grenco Refrigeration Ltd Location: 16, The Green, Aston-on-Trent, Derby, DE72 2AA Classification: Air Conditioning & Refrigeration Contractors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	543	-	441561 329527
87	Contemporary Trade Directory Entries Name: Pyro Enterprises Ltd Location: 16, The Green, Aston-on-Trent, Derby, DE72 2AA Classification: Firework Technicians, Manufacturers & Distribution Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	543	-	441561 329527
88	Contemporary Trade Directory Entries Name: Washline Location: 52, Derby Road, Aston-on-Trent, Derby, Derbyshire, DE72 2AF Classification: Washing Machines - Servicing & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	607	-	441522 329770
89	Contemporary Trade Directory Entries Name: Vixen Lingerie Ltd Location: 3, Clarkes Lane, Aston-on-Trent, Derby, DE72 2AB Classification: Lingerie & Hosiery Manufacturers & Wholesalers Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	674	-	441678 329587
89	Contemporary Trade Directory Entries Name: Stuart Hartle Motor Engineers Location: 8, Clarkes Lane, Aston-on-Trent, Derby, DE72 2AB Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A14NE (E)	676	-	441655 329628
90	Contemporary Trade Directory Entries Name: The Pest Control Co Location: 15, Moor Lane, Aston-on-Trent, Derby, DE72 2AG Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	681	-	441587 329806
90	Contemporary Trade Directory Entries Name: Pest Control Co Location: 15, Moor Lane, Aston-on-Trent, Derby, DE72 2AG Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	681	-	441587 329806
90	Contemporary Trade Directory Entries Name: The Pest Control Co Location: 15, Moor Lane, Aston-on-Trent, Derby, DE72 2AG Classification: Pest & Vermin Control Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	681	-	441587 329806

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Points of Interest - Commercial Services Name: National Drinks Distributors Location: 16 The Green, Aston-on-Trent, Derby, DE72 2AA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NE (E)	543	7	441561 329527
92	Points of Interest - Commercial Services Name: The Pest Control Co Location: 15 Moor Lane, Aston-on-Trent, Derby, DE72 2AG Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A19SE (NE)	681	7	441587 329806
92	Points of Interest - Commercial Services Name: Woodworm Eradication Location: 15 Moor Lane, Aston-on-Trent, Derby, DE72 2AG Category: Contract Services Class Code: Pest and Vermin Control Positional Accuracy: Positioned to address or location	A19SE (NE)	681	7	441587 329806
93	Points of Interest - Commercial Services Name: Splitz Bayz N Bugz Location: 43 Manor Farm Road, Aston-on-Trent, Derby, DE72 2BW Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A14NE (E)	711	7	441708 329609
94	Points of Interest - Education and Health Name: Aston Hall Hospital Location: Aston Hall Hospital, Aston-on-Trent, Derby, DE72 2AL Category: Health Practitioners and Establishments Class Code: Hospitals Positional Accuracy: Positioned to address or location	A9NW (SE)	431	7	441391 328881
95	Points of Interest - Manufacturing and Production Name: J H Garratt Location: Chellaston Lane, Aston-on-Trent, Derby, DE72 2AX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18SW (NW)	284	7	440645 329846
96	Points of Interest - Manufacturing and Production Name: J R Arnett Location: Rectory Farm, Chellaston Lane, Aston-on-Trent, Derby, DE72 2AX Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A17SE (NW)	524	7	440235 329709
97	Points of Interest - Manufacturing and Production Name: E & S Perry Location: Clover Leaf Farm, Moor Lane, Aston-on-Trent, Derby, DE72 2AG Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A19SW (NE)	610	7	441536 329750
98	Points of Interest - Manufacturing and Production Name: A R Brown Farming Location: Weston Hall Farm, The Green, Weston-on-Trent, Derby, DE72 2BJ Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A7SE (SW)	908	7	440333 328405
99	Points of Interest - Manufacturing and Production Name: J Bird & Son Location: 22 The Pastures, Weston-on-Trent, Derby, DE72 2DQ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A3NW (S)	978	7	440606 328251
99	Points of Interest - Manufacturing and Production Name: J Bird & Son Location: 22 The Pastures, Weston-on-Trent, Derby, DE72 2DQ Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A3NW (S)	978	7	440606 328251
100	Points of Interest - Manufacturing and Production Name: A R Brown Location: Weston Lodge, The Green, Weston-on-Trent, Derby, DE72 2BJ Category: Farming Class Code: Arable Farming Positional Accuracy: Positioned to address or location	A2NE (SW)	994	7	440415 328287

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	Points of Interest - Public Infrastructure Name: Cemetery Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	779	7	441637 329907
101	Points of Interest - Public Infrastructure Name: Cemetery Location: DE72 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	779	7	441639 329905
102	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	668	7	441744 329419
102	Points of Interest - Recreational and Environmental Name: Playground Location: Willow Close, DE72 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14NE (E)	675	7	441751 329418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	Areas of Adopted Green Belt Authority: South Derbyshire District Council Plan Name: South Derbyshire Local Plan Status: Adopted Plan Date: 8th May 1998	A17SE (NW)	342	4	440426 329736
104	Areas of Adopted Green Belt Authority: South Derbyshire District Council Plan Name: South Derbyshire Local Plan Status: Adopted Plan Date: 8th May 1998	A17NW (NW)	829	4	440192 330195
105	Areas of Unadopted Green Belt Authority: South Derbyshire District Council Plan Name: South Derbyshire Local Plan Status: Revised Deposit Draft Plan Date: 31st January 2003	A17SE (NW)	342	4	440425 329736

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Erewash Borough Council - Environmental Health Department South Derbyshire District Council - Environmental Health Department Derby City Unitary Council - Environmental Health Department North West Leicestershire District Council - Environmental Protection Department	August 2014 January 2015 October 2014 September 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Midlands Region	January 2016	Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	As notified
Integrated Pollution Controls Environment Agency - Midlands Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	January 2016	Quarterly
Local Authority Integrated Pollution Prevention And Control Derby City Unitary Council - Environmental Health Department Erewash Borough Council - Environmental Health Department South Derbyshire District Council - Environmental Health Department North West Leicestershire District Council - Environmental Health Department	April 2014 April 2014 January 2015 July 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Controls Derby City Unitary Council - Environmental Health Department Erewash Borough Council - Environmental Health Department South Derbyshire District Council - Environmental Health Department North West Leicestershire District Council - Environmental Health Department	April 2014 April 2014 January 2015 July 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Derby City Unitary Council - Environmental Health Department Erewash Borough Council - Environmental Health Department South Derbyshire District Council - Environmental Health Department North West Leicestershire District Council - Environmental Health Department	April 2014 April 2014 January 2015 July 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Nearest Surface Water Feature Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters Environment Agency - Midlands Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	March 2013	As notified
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2016 January 2016	Quarterly Quarterly
Water Abstractions Environment Agency - Midlands Region	January 2016	Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	January 2016	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	April 2015	Not Applicable

Agency & Hydrological	Version	Update Cycle
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	August 2015	As notified
Source Protection Zones Environment Agency - Head Office	January 2016	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2016	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2016	Quarterly
Flood Defences Environment Agency - Head Office	February 2016	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	As notified
Surface Water Suitability Environment Agency - Head Office	October 2013	As notified
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	March 2016	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 - East Area Environment Agency - Midlands Region - Lower Trent Area	February 2016 February 2016	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - East Area Environment Agency - Midlands Region - Lower Trent Area	January 2016 January 2016	Quarterly Quarterly
Local Authority Landfill Coverage Derby City Council Derbyshire County Council Erewash Borough Council - Environmental Health Department Leicestershire County Council North West Leicestershire District Council - Environmental Health Department South Derbyshire District Council	May 2000 May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Derbyshire County Council Erewash Borough Council - Environmental Health Department Leicestershire County Council North West Leicestershire District Council - Environmental Health Department South Derbyshire District Council	May 2000 May 2000 May 2000 May 2000 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Lower Trent Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	February 2016	Bi-Annually
Explosive Sites Health and Safety Executive	February 2016	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Erewash Borough Council Derby City Unitary Council - Development and Cultural Services Derbyshire County Council Leicestershire County Council North West Leicestershire District Council South Derbyshire District Council	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Planning Hazardous Substance Consents Erewash Borough Council Derby City Unitary Council - Development and Cultural Services Derbyshire County Council Leicestershire County Council North West Leicestershire District Council South Derbyshire District Council	April 2015 February 2016 February 2016 February 2016 February 2016 February 2016	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2015	Bi-Annually
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	March 2016	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2015	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly
Points of Interest - Commercial Services PointX	March 2016	Quarterly
Points of Interest - Education and Health PointX	March 2016	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2016	Quarterly
Points of Interest - Public Infrastructure PointX	March 2016	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2016	Quarterly
Underground Electrical Cables National Grid	January 2016	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	June 2015	Bi-Annually
Areas of Adopted Green Belt Derby City Unitary Council - Development and Cultural Services Erewash Borough Council South Derbyshire District Council	January 2016 January 2016 January 2016	As notified As notified As notified
Areas of Unadopted Green Belt Derby City Unitary Council - Development and Cultural Services Erewash Borough Council South Derbyshire District Council	November 201 November 201 November 201	As notified As notified As notified
Areas of Outstanding Natural Beauty Natural England	April 2016	Bi-Annually
Environmentally Sensitive Areas Natural England	April 2016	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2016	Bi-Annually
Marine Nature Reserves Natural England	April 2016	Bi-Annually
National Nature Reserves Natural England	April 2016	Bi-Annually
National Parks Natural England	March 2016	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	October 2015	Annually
Ramsar Sites Natural England	April 2016	Bi-Annually
Sites of Special Scientific Interest Natural England	October 2015	Bi-Annually
Special Areas of Conservation Natural England	April 2016	Bi-Annually
Special Protection Areas Natural England	April 2016	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	September 2015	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	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	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
3	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
4	South Derbyshire District Council Civic Offices, Civic Way, Swadlincote, Derbyshire, DE11 0AH	Telephone: 01283 221000 Fax: 01283 550128 Website: www.south-derbys.gov.uk
5	Derbyshire County Council County Offices, Matlock, Derbyshire, DE4 3AG	Telephone: 01629 580000 Fax: 01629 580119 Website: www.derbyshire.gov.uk
6	Peter Brett Associates Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: reading@pba.co.uk Website: www.pba.co.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	Derby City Unitary Council - Development and Cultural Services Roman House, Friar Gate, Derby, Derbyshire, DE1 1XB	Telephone: 01332 293111 Fax: 01332 255989 Website: www.derby.gov.uk
9	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
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
11	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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Appendix 2B: South Derbyshire District Council Environmental Health

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LEES ROXBURGH LIMITED
The Genesis Centre,
Science Park South,
Birchwood,
Warrington,
WA3 7BH

Mike Haynes
Director of Housing & Environmental
Services

Civic Offices, Civic Way,
Swadlincote, Derbyshire DE11 0AH

Please ask for Thomas Gunton
Tel: (01283) 221000 Extension 5945
DDI: (01283) 595945
Fax: (01283) 595855
Email: thomas.gunton@south-derbys.gov.uk

Our Ref: 42615.TGU

Your Ref: 6084/5.1

Date: 13/05/2016

Dear Sirs,

Re: Contaminated Land Response - LAND AT WESTON ROAD, ASTON-ON-TRENT, DE72 2DN

I write with reference to your request for information regarding the above site and South Derbyshire District Council's (SDDC) position in relation to potentially contaminated land. I can confirm Land at Weston Road, Aston-on-Trent, DE72 2DN (the site) is not on land, nor is it within proximity of land which has been determined contaminated under the terms of Part 2A of the Environmental Protection Act 1990.

SDDC's Contaminated Land Inspection Strategy is an on-going process, primarily achieved through the planning system. Through this, any proposed development sites which are on or in proximity of potentially contaminated land (according to our historical records) are required to carry out appropriate ground investigations and remediation prior to development. This alongside our internal prioritisation methodology and responsive role in investigating land potentially affected by contamination could then lead us to determine a site as contaminated, add it to our contaminated land register within the terms of the relevant legislation and coordinate remediation.

However, our records do indicate the site is located on and within influencing distance of land potentially affected by contamination. These potential sources of contamination are a result of the areas past industrial and land uses, and which I can confirm as:

The following information summarises relevant land use data provided by Landmark Information Group and the Environment Agency. Features described are those within a 250m buffer of the site.

1. A former area of land on the western boundary of the site once subject to quarrying of sand & clay / operation of sand & gravel pits from 1887. This was subsequently used as a landfilling operation from 1977, identified as the The Dingle, Weston Road, Aston on Trent (ref LW06). Environment Agency provided information confirms:

LW06: The site known as The Dingle, Weston Road, Aston on Trent (ref LW06). A Waste Disposal Licence was issued to the site operators, Siddal Contractors Ltd. in April 1977 permitting the deposit of commercial waste, non hazardous industrial waste and waste from the construction industry. The licence was returned upon the completion of operations in May 1982.



The Environment Agency has no record of any gas monitoring or site investigations being carried out at this location.

2. An area of land identified as the former Aston Hall Mental Hospital located approximately 190m south east of the site. This featured from 1938 and has been subsequently demolished prior to redevelopment of the site for residential use. A scheme to identify and control any contamination of land, or pollution of controlled waters has been submitted and approved in writing by the local planning authority (LPA).
3. 4 areas of unknown filled ground associated with the infilling of ponds / water courses are identified within 250m of the site.

I can also confirm we hold no record of relevant pollution incidents or other potentially contaminating features in the vicinity of the site.

Considering the above, under current statutory guidance and based on the information we currently hold, SDDC consider the site suitable for use as domestic property and garden. In line with SDDC's Contaminated Land Inspection Strategy the site has been determined as **medium risk**; which takes into account 2012's statutory revisions to land classification and determination.

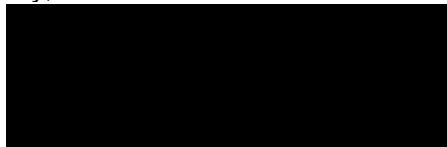
Currently the risk is not considered significant enough to prompt SDDC directed investigation, however we would ensure any further development project undertakes appropriate risk assessment activities as part of the planning and building control process. Within the terms of Part 2A of the Environmental Protection Act 1990, again SDDC consider the site suitable for use and would not look to take or encourage any further action to investigate the site unless development was proposed, or if evidence of contamination comes to light.

May I take this opportunity to remind you of the law relating to contaminated land and its future use. Part 2A of the Environmental Protection Act 1990 states that contaminated land must be made suitable for its intended use and remediated to a safe level. The relevant Authority will expect to be consulted on this process. Guidance can be found in "*Developing Land within Derbyshire – Guidance on submitting applications for land that may be contaminated*". This document has been produced by local authorities in Derbyshire to assist developers, and is available from: http://www.south-derbys.gov.uk/environment/pollution/contaminated_land/default.asp

This information is provided based on records and files from varying sources and of varying reliability. Consequently, SDDC cannot guarantee the accuracy or completeness of the information provided, nor does it accept any liability whatsoever for any loss or damage arising from the interpretation or use of the information.

I hope this information is of use, please do not hesitate to get in contact if I can be of further assistance.

Yours sincerely,



Thomas Gunton
Environmental Protection Officer

