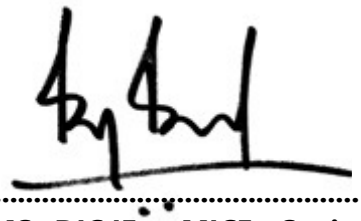
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Phase 1 Desktop Study
Meadway Precinct
Honey End Lane
Reading
RG30 4AB



Prepared by: .....
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Reviewed by: .....
Michael Weaver BSc CEng FICE - Partner

L00628, Ver. 2.0, May 2016

- Structural Engineering
- Civil Engineering
- CDM Co-ordination
- BREEAM Assessors
- Traffic and Transport
- Flood Risk Assessments

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Addendum

This report is an update to Ver 1.0, dated April 2015 to incorporate comments relating to land stability contained within the Reading Borough Council initial planning response.

The initial planning response indicated that "questions had been raised in terms of the made up ground within the former brickworks and the proposed regrading of the slope to the rear. It is considered reasonable and necessary for this to be further investigated by a suitably qualified person acting for the applicant to allow a report to be submitted in support of the planning application"

It must be noted that detailed intrusive investigations have not been able to be carried out at this stage. This report considers the land stability issues based on desk top studies. Full geotechnical investigations to determine foundation requirements and retaining wall design parameters will be carried out prior to detailed design.

1.0 Introduction

1.1 Scott White and Hookins was instructed by MAW Consulting Limited on behalf of Chillingham Ltd to undertake an Environmental Desk Top Study for the purposes of investigating the geotechnical and environmental factors pertaining to the proposed new development of the retail units at Meadway Precinct, Honey End Lane, Tilehurst in Reading.

1.2 The scope of the Phase 1 Environmental Desk Top Study of the site is as follows:

- Review of Historical Maps and Geological Information
- Review of available Regulatory Information
- Site Walkover
- Production of this report to record and evaluate the information.

1.3 Scott White and Hookins has obtained a Landmark Envirocheck Report on the 9th March 2015. The report contains information derived from a database containing public record information from the Environment Agency, Local Authority and other bodies, full details of which are attached in Appendix D.

1.4 This report is for the private and confidential use of Chillingham Ltd and their agents and may not be copied in whole or in part without the written permission of Scott White and Hookins.

2.0 Site Description and Environmental Setting

2.1 Site Description

The site is located north of the A4 Bath Road. Cockney Hill lies to the south of the site while The Meadway lies to the north. Access to site is via Honey End Lane which forms the eastern boundary of the site. The surrounding area to the north, west and east is predominantly residential. The area adjacent to the southern boundary of the site consists of a foodstore and associated car parking. Prospect Park Hospital lies south-east of the subject site. The National Grid reference is 468350 E and 172716N. A location map is given in Appendix A.

The site covers an area of approximately 19,605 sqm. The site is currently occupied by two three- storey buildings consisting of retail units at the ground floor and residential units at the first floor levels running in the east west direction. The two buildings are separated by a concourse leading to the retail and leisure units located behind the three-storey buildings. The three-storey buildings appear to have a traditional pitched roof with a north-light type of window arrangement along the apex. The site also has a car park along the southern and the western (rear) boundary of the site. An existing site plan is attached in Appendix B.

2.2 Site Geology

The digital geological maps published by British Geological Survey (BGS) indicate that the site is underlain with Lambeth Group - Clay, Silt and Sand. London Clay formation above the Lambeth Group is indicated as terminating close to the western boundary of the site. Based on the previous use of the site as a clay pit and brickworks, it is likely that the London Clay formation extended further into the site. The map shows no records of superficial deposits overlying the Lambeth Group and London Clay.

2.3 Site Hydrogeology

The Groundwater Vulnerability map provided in the Envirocheck report indicates that the site is located over a Secondary A Aquifer. These are predominantly permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers.
The Water and Hydrology map in the Envirocheck report indicates that the site is not located over a Groundwater Source Protection Zone (SPZ).

2.4 Site Hydrology

The Envirocheck Flood Map indicates that the site is located in Flood Zone 1. Flood Zone 1, as defined in Table 1 of the Planning Practice Guidance document comprises land

having a less than 1 in 1,000 annual probability of river or sea flooding (< 0.1%) in any year.

2.5 Proposed Development

The project involves alterations and extensions to the existing shopping development. The scheme consists of extensive demolition works with the retention of the retail units fronting Honey End Lane and the retail units and residential accommodation that are either side of the Mall area. Under the current proposals, the existing Boots unit towards the rear is to be retained with buildings around it demolished and new buildings constructed around the retained unit. The existing bank to the rear of the site is to be cut back with a new retaining wall formed to allow space for the new retail units. Refer to the proposed plan attached in Appendix C.

3.0 Historical Review

The following Ordnance survey maps were used to assess the historical land use of the site and surrounding area.

Mapping Type	Date	Scale
Ordnance Survey Map - Berkshire	1881	1: 2,500
Ordnance Survey Map - Berkshire	1899	1: 2,500
Ordnance Survey Map – Berkshire	1901	1: 10,.560
Ordnance Survey Map - Berkshire	1911	1: 2,500
Ordnance Survey Map - Berkshire	1914	1: 10,560
Ordnance Survey Map - Berkshire	1932	1: 2,500
Ordnance Survey Map - Berkshire	1938	1: 10,560
Ordnance Survey Plan	1961	1: 1,250
Ordnance Survey Plan	1962	1: 1,250
Ordnance Survey Plan	1968	1: 10,000
Ordnance Survey Plan	1971-1976	1: 1,250
Supply of Unpublished Survey Information	1974	1: 1,250
Ordnance Survey Plan	1983	1: 10,000
Ordnance Survey Map – Reading	1990	1: 10,000
Ordnance Survey Plan	1992	1: 10,000
Large Scale National Grid Data	1993	1: 1,250
10 k Raster Mapping	2006	1: 10,000
VectorMap Local	2014	1: 10,000

Ordnance Survey Map - Berkshire 1881 (1: 2,500):
The 1881 ordnance survey map indicates the site as mostly woodland. Cockney Hill is shown on the south although it is not called up. Honey End Lane, although not called up, is also shown running along the south eastern boundary of the site. The road turns east from the south eastern corner of the site. Honeyend Farm is shown towards the south while Prospectpark Cottage is shown towards the south east.

Ordnance Survey Map - Berkshire 1899 (1: 2,500):
The 1899 ordnance survey map indicates that the site remains unchanged. A Brick Works is indicated on land adjacent to the eastern boundary. The eastern corner of the site is shown in cutting indicating that the clay required for the manufacturer of the bricks was being quarried from the subject site.

Ordnance Survey Map – Berkshire 1901 (1: 10,560):
The 1900 ordnance survey map indicates that the site remains unchanged. Barracks belonging to the 49th Regiment District are indicated northeast of the site. The map shows an increasing number of Clay and Brick Work factories towards the east.

Ordnance Survey Map - Berkshire 1911 (1: 2,500):
The former Brick Works factory located east of the site is called up as Prospect Park Brick Works in the 1911 ordnance survey map for Berkshire. Majority of the woodland on the site appears to have been cleared and the area of cutting has increased. Park Hospital appears towards the south east. Cockney Hill is also called up in the 1911 maps.

Ordnance Survey Map - Berkshire 1914 (1: 10,560):
The 1914 ordnance survey map indicates that the site remains unchanged. The Royal Berks Regiment Barracks are shown towards the northeast along with a Drill Ground, a County Cricket Ground and a Football Ground.

Ordnance Survey Map - Berkshire 1932 (1: 2,500):
The 1932 ordnance survey map shows Roman Pottery found on the site. The entire site is now shown in cutting. Potential tanks are indicated on land adjacent to the eastern boundary housing the Brick Works. Park Hospital appears to have expanded. The Drill Ground belonging to the Royal Berks Regiment is now called up as a Recreation Ground in the 1932 (1:10,560) maps.

Ordnance Survey Map - Berkshire 1938 (1: 10,560):
According to the historic map of 1938 much of the site remains unchanged.

Ordnance Survey Plan – 1961 (1: 1,250):
The 1961 map indicates part of the western and the northern boundaries of the site as woodland, in cutting. Honey End Lane is called up along the south eastern boundary of the site. The map indicates drains (surface water feature) on land adjacent to the north, west and south west boundaries of the site.

The 1:10,000 map indicates Roman Remains found on site. A cart track (CT) is shown running between the Brick Works on the adjacent site to the east and the subject site. The map shows increased residential properties in the western and southern areas.

Ordnance Survey Plan -1962 (1: 1,250):
The 1962 ordnance survey map indicates that the site remains unchanged.

Ordnance Survey Plan -1968 (1: 10,000):
The 1968 ordnance survey map indicates that the site remains unchanged.

Ordnance Survey Plan -1971-1976 (1: 1,250):
The 1971-1976 maps indicate Meadway Precinct Shopping Centre on site. Honey End Lane has been extended along the north eastern boundary. The Victory Public House (PH) appears on the north eastern boundary of the site. A substation is also shown inside the site. The western and northern boundaries are shown as woodland in cutting

Supply of Unpublished Survey Information – 1974 (1: 1,250):
Much of the site remains unchanged in the 1974 map.

Ordnance Survey Plan – 1983 (1: 10,000):
Much of the site remains unchanged in the 1983 map. Further residential development is shown in the south west region. The footprint of the Asda store appears on the site adjacent to the southern boundary.

Ordnance Survey Map – Reading 1990 (1: 10,000):
The Russian Military map of Reading indicates the site remains unchanged. The Barracks located northeast of the site are called up as military buildings and communications areas on the Russian Military Map.

Ordnance Survey Plan -1992 (1: 10,000):
Much of the site remains unchanged in the 1992 map.

Large Scale National Grid Data – 1993 (1: 1,250):
Much of the site remains unchanged in the 1993 map.

10 k Raster Mapping – 2006 (1: 10,000):
The coloured 10K Raster Map of 2006 indicates the site remains unchanged. Meadway Precinct is clearly marked on the site along with the car park along the southern and western boundary of the site. The drains (surface water feature) along the western and south western areas are clearly marked on the map. Nearby schools, hospitals and depots are also shown on the map.

VectorMap Local – 2014 (1: 10,000):
The coloured Vector Local Map of 2014 indicates Shilling Close and associated development on the northeast boundary. The majority of the site however remains unchanged.

4.0 Regulatory Review

An Envirocheck Report was commissioned for the current site covering an area of 1000m from the centre of the site. The relevant criteria within 1000m of the site are discussed below and the full results of the search criteria are summarised within the relevant pages of the appended Envirocheck report.

The site lies over a Secondary (A) Aquifer and is not within 1000m of Source Protection Zone (SPZ) I, II or III.

The site is located in Flood Zone 1 and is not at risk from flooding from Rivers or Sea.

There are no Licensed Waste Management Facilities within 251 – 500m of the site.

There are no Registered Waste Transfer sites within 501m - 1000m of the site.

There are no Registered Waste Treatment or Disposal sites 251 – 500m of the site.

There is one fuel station entry within 250m of the site, one within 500m and three within 1000m of the site.

There has been one discharge consent into a tributary to River Brook within 1000m of the site.

There has been one pollution incident to controlled waters within 1000m of the site.

The nearest surface water feature is within 250m from the site.

There are three water abstraction sites within 501-1000m of the site.

There is a local nature reserve within 250m of site and one within 501-1000m from the site.

There is one nitrate vulnerable zone within 250m of site.

There is one man made mining cavity on site, one within 250m of site, four within 250-500m of site and three within 501-1000m from the site.

There is one natural cavity within 251-500m of site and five natural cavities within 501-1000m of site.

The site is located in a zone which has potential for collapsible ground stability hazards.

The site is located in a zone which has potential for landslide ground stability hazards.

The site is located in a zone which has potential for shrinking and swelling clay ground stability hazards.

The site is located on land which had a potentially contaminated industrial use in the past. In addition there are five listings of potentially contaminated industrial land use within 250m, five within 500m and eighteen within 100m of site.

There is one potentially infilled (non-water) land (pit quarry etc.) on site, one within 250m of site, three within 251 – 500m of site and twelve within 501-100m of site.

There are three potentially infilled (water) land areas within 250m of site, one within 251 – 500m of site and seven within 501-100m of site.

There is a substation on site and one within 250m of the site.

The site is within 250m of land which has a potential of tanks present on site.

5.0 Site Walkover

5.1 General

The walk over survey was undertaken on Monday, 16th March 2015. The weather whilst carrying out the survey was cloudy with heavy downpours.

5.1.1 Present use of site

The site currently is currently occupied by three buildings. These are referred to as bldg. 1, 2, and 3 in figure 1. Buildings 1 and 2 are three storey T-shaped buildings consisting of retail units at ground floor level and residential units at first and second floor. The residential units are set back along the front and the back. Buildings 1 and 2 are separated by a concourse which provides access to the retails units along the sides.

Building 3 is located towards the rear and consists of a leisure unit and a retail unit. The site also contains a row of garages and a sub-station along the northern boundary of building 3. The area along the western (rear) and the southern boundary of the site is currently used as a car park. The area beyond the car park along the western boundary rises steeply and consists of woodland.

5.1.2 Current access arrangements

Vehicular access to the car park is from the round-about located south along Honey End Lane. Access to the residential blocks at first floor level is via stairs which are located at the far ends of the units.

5.1.3 Description of surrounding sites

The site adjacent to southern boundary consists of an Asda Store and associated car parking. The surrounding areas are predominantly residential. Prospect Park Hospital lies south east of the subject site.

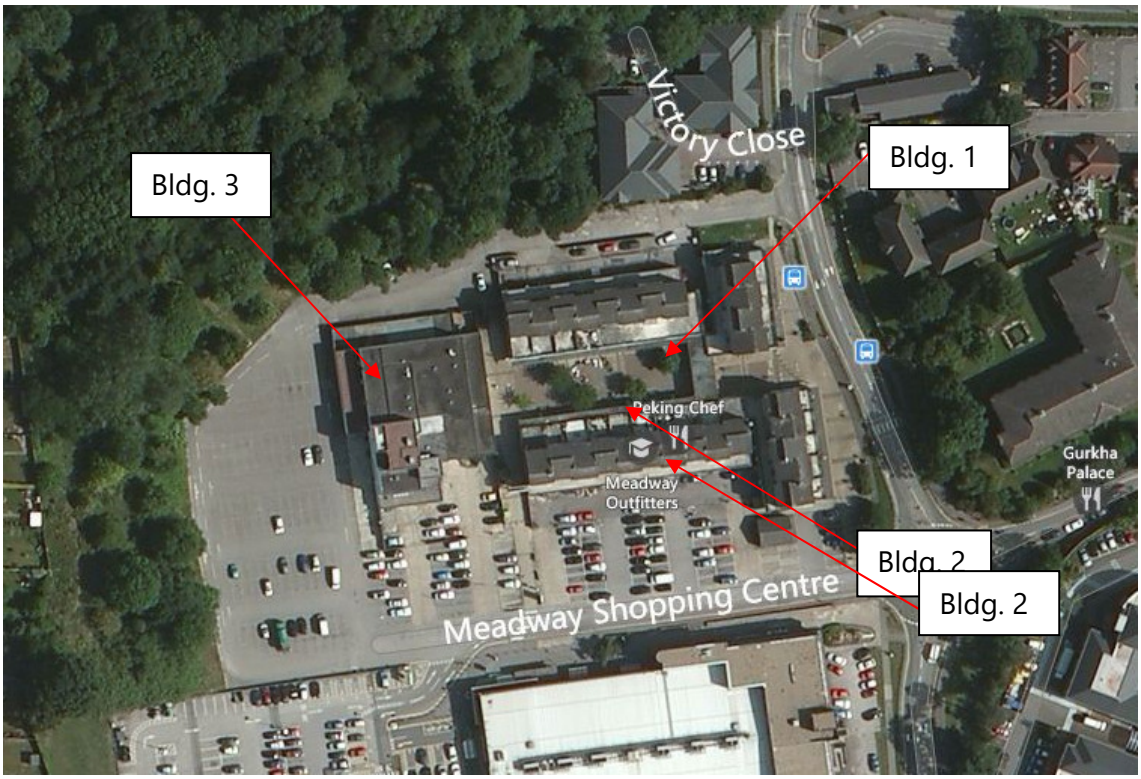


Figure 1 – Map of Site and Surrounding Area.

5.2 Structures and Boundaries

5.2.1 Current boundaries

North Boundary – is adjacent to part residential (block of flats) and part woodland.
South Boundary – is adjacent to the access road leading to the car park belonging to Asda store and the subject site.
East Boundary – is adjacent to Honey End Lane.
West Boundary – is adjacent to woodland and residential units beyond.

Refer to photographs in Appendix A showing the boundaries.

5.2.3 Buildings currently on site.

Currently there are three Buildings on site marked as building 1, 2 and 3 in Fig 1 above. Buildings 1 and 2 are approximately T-shaped and consist of retail units at ground floor level and residential units at first and second floor level. Building 3 consists of retail and a leisure unit. In addition there is a row of garages and a sub-station building along the northern boundary to building 3. The site also has a single storey building with a pitched roof in the south eastern corner. The building is currently used as a public toilet.

5.2.4 Basements

There was no evidence of basements to the buildings currently on site.

5.2.5 Structural condition of buildings and structures

A visual structural inspection was carried out in May 2015 which identified minor defects to the buildings, masonry retaining wall and road and hardstandings. The more significant issues being some settlement of ground floor slabs to the north block, distortion of the coping and some cracking to the brick retaining wall to the north boundary and settlement of service yard slabs due to leaking water mains and drainage.

5.3 Topography

5.3.1 Site Topography

The site has a slight falling from west to east and levels out at the boundary with Honey End Lane. The site is generally flat in the north to south direction.

5.3.2 Previous alterations to ground levels and significant high or low points.

Historical records show the site was in a clay pit. The woodland along the western and part northern boundary is on a bank, presumably the edge of the clay pit. The areas beyond these boundaries are on a significantly higher elevation in comparison with the subject site.

5.3.3 Levels in relation to adjacent ground levels

The eastern boundary along Honey End Lane is almost level with the site. Land adjacent to the western and northern boundaries is on a steep bank. Land adjacent to the southern boundary is level with the subject site.

5.3.4 Signs of landslip

There was no evidence of landslip on site.

5.3.5 Signs of local subsidence.

No obvious signs of local subsidence were observed.

5.3.6 Open excavations in the area.

None were visible at the time of the walk over survey.

5.3.7 Streams, ponds, water courses, culverts etc. on the site

There were no streams, ponds, water courses or culverts on the site.

5.4 Vegetation

5.4.1 The site is not wooded however part of the western and northern boundary is a woodland.

5.4.2 There was no evidence of any former trees or hedges which have been removed.

5.4.3 There was no evidence sparse, dead or dying vegetation on or around the site.

5.5 Services

5.5.1 There were no overhead cables noted on site.

5.5.2 There were a few manholes noted during the walk over survey.

5.6 Miscellaneous

5.6.1 There are no public footpaths which cross the site.

6.0 Environmental Risk Assessment

For an environmental Risk to exist there must be a source of contamination, a receptor or receptors which are vulnerable to such contamination and a pathway between the two. Under the terms of Part IIA of the Environmental protection Act 1990, if a source, receptor and pathway are all present it is defined that a 'plausible pollutant linkage' exists. The purpose of the risk assessment is, therefore, to identify whether plausible linkages exist on site.

6.1 Potential Contamination Sources:

6.1.1 On-Site Sources:

The following potential historical on-site sources of contamination have been identified

- Potentially infilled land (non-water)
- Electrical sub-station
- Asbestos in existing buildings
- Possibility of Japanese Knotweed

6.1.2 Off-Site Sources:

The following potential historical off-site sources of contamination have been identified

- Fuel station within 250m of site – Esso Petroleum, Meadway Service Station, The Meadway, Tilehurst, READING, Berkshire RG30 4AD.
- Potential Tank (100m) within 250m of site.

6.2 Potential Receptors:

Potential receptors of any contamination at the site, if present, have been identified as:

- Ground workers during the development of the site.
- Future occupiers of the site.

6.3 Potential Pathways:

Worked or made ground present at the site represents pathways via which contamination, if present, may be able to migrate. Dermal absorption, ingestion and inhalation represents pathways via which ground workers may become exposed to contamination.

6.4 Plausible Pollutant Linkages:

Following a review of the available information from the desktop data and a site walkover, the following plausible pollutant linkages have been identified relating to the site. These are as follows:

6.4.1 On-Site:

A)

Source	Materials used in construction	RISK
Contaminant	Land infill material	Likelihood = 3/5
Exposure Pathway	Dermal contact, inhalation	Severity = 4/5
Receptor	Site Worker	Risk = 12/25

B)

Source	Materials used in – Electrical Substation	RISK
Contaminant	PCB residue	Likelihood = 3/5
Exposure Pathway	Dermal contact, inhalation	Severity = 4/5
Receptor	Site Worker	Risk = 12/25

C)

Source	Materials used in construction	RISK
Contaminant	Asbestos	Likelihood = 3/5
Exposure Pathway	Dermal contact, inhalation	Severity = 4/5
Receptor	Site Worker	Risk = 12/25

6.4.2 Off-Site:

A)

Source	Petrol Filling Station – Meadway Service Station	RISK
Contaminant	Petroleum	Likelihood = 3/5
Exposure Pathway	Migratory	Severity = 4/5
Receptor	Site workers and future site occupiers	Risk = 12/25

B)

Source	Materials used for Storage	RISK
Contaminant	Potential Tank	Likelihood = 3/5
Exposure Pathway	Migratory	Severity = 3/5
Receptor	Site workers and future site occupiers	Risk = 9/25

6.5 Summary:

The Environmental Risk Assessment indicates that there are five plausible source pathway receptor linkages that may pose a risk to site workers, end users, adjacent developments and ground water. All five are classified as low risk.

The first relates to the possible presence of contaminants within the fill material used to infill the quarry/pit which was present on site. The risk would require that the soil investigation MUST include contamination testing.

The second relates to the possible presence of Polychlorinated Biphenyl's (PCB) residue related to the presence of an electrical sub-station. PCBs and their by-products of incomplete PCB combustion (dioxins and furans) can cause a severe skin disorder termed chloracne. The risk would require that the soil investigation MUST include contamination testing.

The third relates to possible presence of asbestos based materials in the existing buildings on site. The risk would require that a TYPE 3 asbestos survey MUST be carried out prior to demolition work taking place.

The fourth relates to possible migration of petroleum relation contamination. The risk identifies that a soil investigation MUST include contamination testing.

The fifth relates to possible migration of contaminants present in tanks used to store oil, fuel etc. The risk identifies that a soil investigation MUST include contamination testing.

7.0 Land Stability

7.1 Ground Conditions

BGS mapping indicates that the site is underlain by The Lambeth Group, formerly known as Woolwich and Reading Beds, comprising clays, silts, sands and gravel beds. London Clay formations are located above the Lambeth Group and are indicated as terminating close to the western boundary of the site. It is likely that the London Clay extended across the site as historical uses included clay pits and brickworks.

A full geotechnical investigation of the site to determine ground conditions will be carried out prior to detailed design

7.2 Foundations

The form of foundations to the existing buildings is unknown, although there are no signs of foundation distress or movement in the existing buildings. Some movement of the existing floor slabs was evident, suggesting these were constructed on inadequate ground. The historical map information suggests that clay pits were excavated from the east into the site and it is likely that the existing ground level is located approximately at the base of the clay pit, although some extent of made ground is likely to have accumulated.

The design of the foundations will be based on the findings of the geotechnical investigation.

7.3 Retaining Wall and Slope

The slopes surrounding the site would appear to be the edges of the previously excavated clay pit and therefore are likely to be formed in the London Clay formation. There is no evidence of landslip of the slopes, although there is some distortion and cracking to the brick retaining wall which has been formed along the northern boundary.

It is intended to re-contour the western bank and introduce a retaining wall to allow the toe of the slope to be cut back. Detailed geotechnical investigations will provide design information for the proposed retaining wall which is likely to be formed as a contiguous piled wall. The design and construction of the wall will ensure the stability of the slope

8.0 Conclusions and Recommendations

The site comprises a number of retail units and roads and hardstandings constructed in the location of an historic clay pit used for brickmaking.

The environmental risk assessment identifies five plausible pathway receptor linkages which may pose a risk. A full environmental site investigation and asbestos survey of the buildings must be carried out prior to redevelopment works.

The proposed development includes the construction of new retail units and the cutting back of the existing slope to the western boundary of the site. A full geotechnical investigation must be carried out to provide foundation and retaining wall design data to ensure the adequacy of the building foundations and the stability of the proposed contiguous piled wall to the western boundary.

9.0 Limitations to Environmental Assessments

The recommendations contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted industry practices and hydrological and engineering practice at this time and location and as such are not a guarantee that the site is free from hazardous material or conditions. We have not inspected parts of the site which are covered, unexposed or inaccessible and are therefore unable to report on the implications of any aspect of such parts.

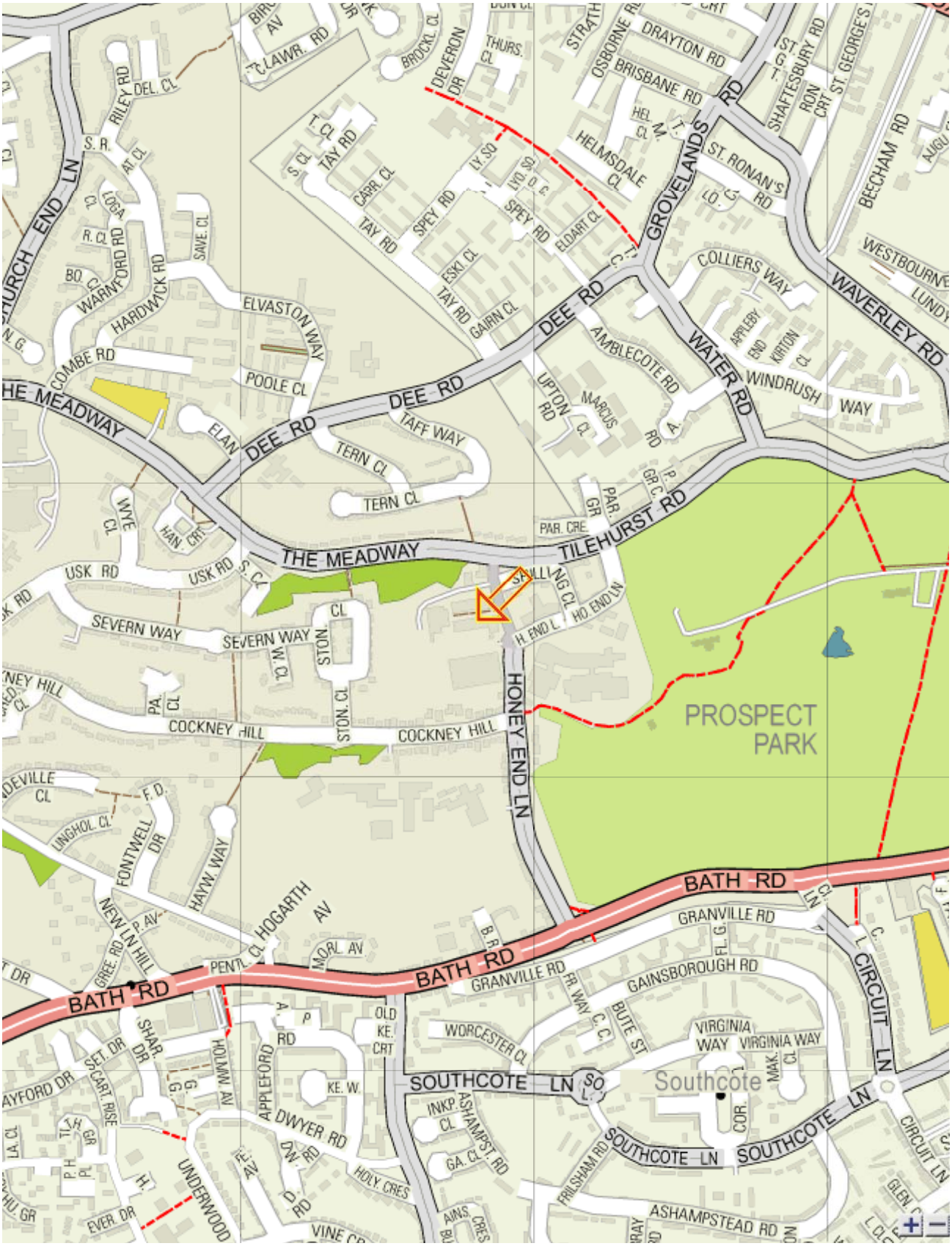
This report does not include any investigation into the presence or possible of any flora or fauna or the habitat of any fauna on or adjacent to the site which could have an effect on or result in any remediation, removal, mitigation or clean up measures or costs or which could have an effect on any preparation of the site prior to any works being carried out or timetable for the works proposed by the client.

This report was prepared by Scott White and Hookins for our client. Any third party using this report does so entirely as their own risk. Scott White and Hookins make no warranty or representation whatsoever, expressed or implied, with respect to the use by a third party of any information contained in this report or its suitability for any purpose. Scott White and Hookins assume no responsibility for any costs, claims, damages or expenses (including any consequential damages) resulting from the use of this report or any information contained in this report by a third party.

Appendices

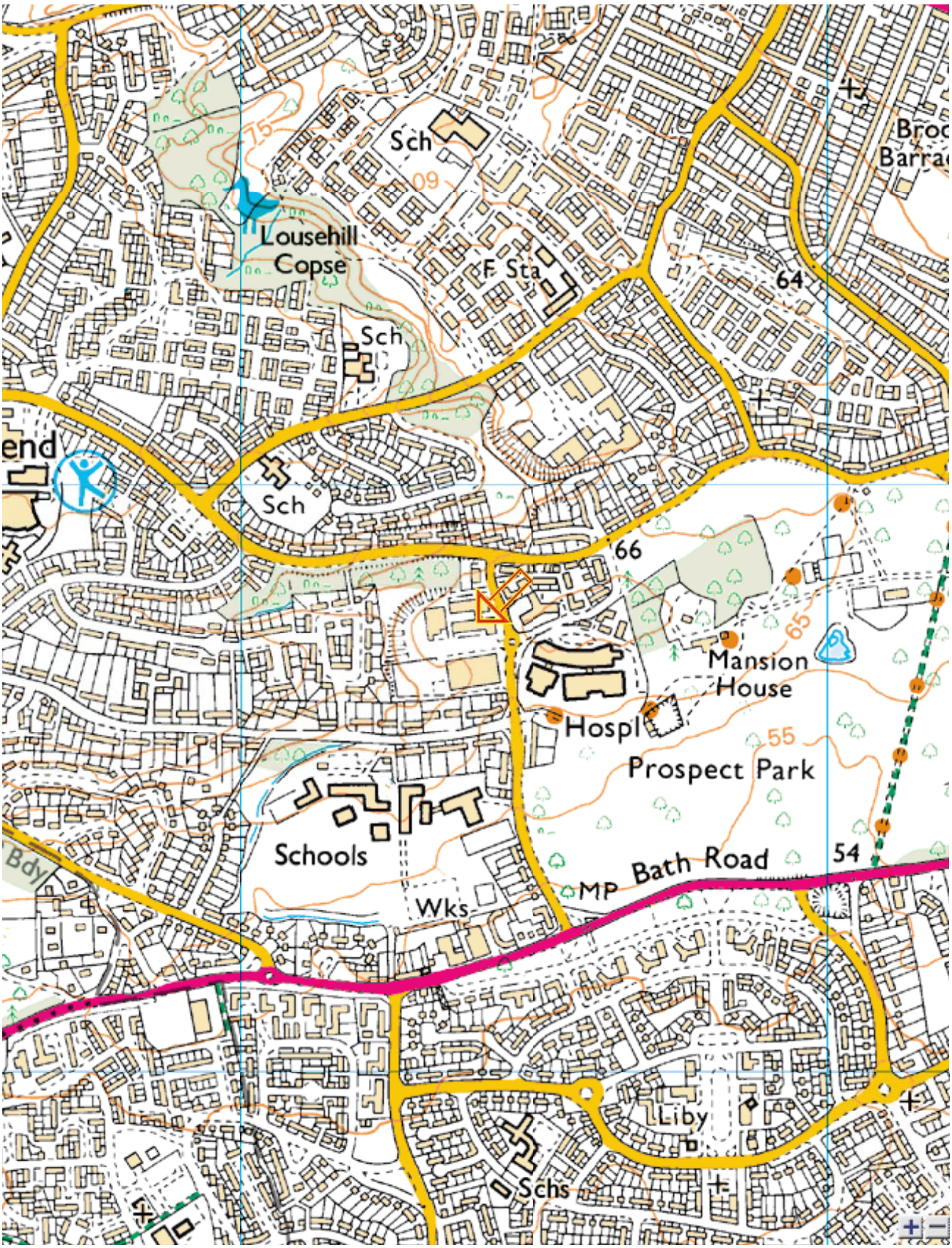
A. Location Map
B. Existing Site Plan
C. Proposed Site Plan
D. Envirocheck Report
E. Site Photographs

Appendix A
Location Map



All Technology © Copyright: Streetmap.co.uk/Streetmap EU Ltd 2008
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Appendix B
Existing Site Plan

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NOTES

Use figured dimensions only. Scale drawing only when a scale bar is present. All dimensions to be checked by user and any discrepancies, error or omissions to be reported to the architect before work commences. Read this drawing with all relevant materials.

O.S. No. 100022432



Site Block Plan
Scale - 1:500

N



Site Location Plan
Scale - 1:1250

N

0 50 100 150 200m 250m

Rev	Date	Drn	Chkd	Description

Purpose of Issue:
PLANNING

client:
Chillingham Ltd

project:
Tilehurst, Reading

drawing title:
Existing
Site Location Plan & Site Block Plan

scale at A1:	date:	drawn by:	checked by:
1:1250, 1:500	Feb 15	SLH	-

drawing number: 1364.PRE.1100
revision: -

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Appendix C
Proposed Site Plan

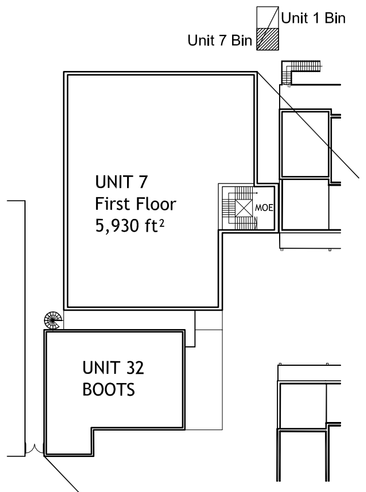
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NOTES

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O.S. No. 100022432

Visibility marker



Proposed 1st Floor Plan
Scale - 1:500

Proposed upgrade to flat entrance for security and DDA compliance

Area reconfigured as residential parking (21 spaces) inc 2 disabled
Walls demolished and reconfigured deliveries

Allocated Boots spaces - as lease plans - reconfigured

New First floor walkway link

Delivery tracking - subject to highway engineer verification

Substation relocation - subject to M&E confirmation

New retaining wall - Criblock / similar

Two northern trees removed

For Boots lease information see Drawing No. F047-1911

New First floor walkway link

Proposed upgrade to flat entrance for security and DDA compliance

Existing toilet block to be demolished - subject to RBC estate negotiations

Screen / wall and "scheme" announcement "signage"

"Grow" screening with planting to obscure view of back of house area

Pedestrian crossing to Asda (raised table)

Proposed extent of new retaining structure and contoured banking

Existing Kerb / car parking

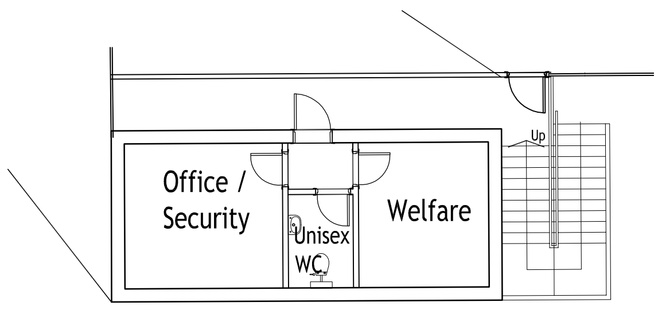
6 No short term parking spaces for Unit 32 (Boots)

Replacement of existing "scheme" announcement "signage"

Site Layout
Scale - 1:500 @ A1

1:500

0 25 50 75 100m



1st Floor Management / Security Suite.
(Accessed via ambulant disabled staircase)
Scale - 1:100

Proposed Unit Area Schedule				
Unit Ref	Building Use Class		Area sq.ft.	Area sq. m
Unit 1	A1		6000	557
Unit 2a	A1,A2,A3,A4,A5		2500	232
Unit 2b	A1		3000	279
unit 3	A1		2500	232
Unit 4	A1		6960	647
Unit 5	A1,A2,A3,A4,A5		1500	139
Unit 6	A1		10000	929
Unit 7	A1,A2,A3,A4,A5	Gr	320	30
		1st	5930	551
Management Suite	-		300	28

Extended Unit Area Schedule					
Unit Ref	Building Use Class	Existing GIA sq.ft.	Existing GIA sq. m	Proposed GIA sq.ft.	Proposed GIA sq. m
Unit 4/5	A1	1880	175	2360	220
Unit 6/7	A1	1880	175	2760	255
Unit 8/9	A1	1390	129	2590	240
Unit 14/15	A1	1880	175	2300	215
Unit 24	A1	970	90	1520	140

Existing Unit Area Schedule (retained)		
Units	Existing GIA sq.ft.	Existing GIA sq. m
1-3, 10-13, 16-28, 32	22000	2040

Residential Core enclosures			
Ref		GIA sq.ft.	GIA sq. m
Core 1		320	30
Core 2		380	35

WIP-18 A

Rev	Date	Drn	Chkd	Description

Purpose of Issue: Scheme Freeze Layout
client: Chillingham Ltd
project: Tilehurst, Reading
drawing title: Site Layout Plan
scale at A1: 1:500 | date: Feb 15 | drawn by: SLH | checked by: CM
drawing number: 1364 - WIP-18 | revision: A

accord architecture
www.accordarchitecture.com
Compton House, Walnut Tree Close, Guildford, Surrey, GU1 4TX
[t] 01483 455100 [f] 01483 455210 [e] design@accordarchitecture.com

Appendix D
Envirocheck Report

Geology 1:10,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	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	Silt	Flandrian - Pleistocene
	LASI	Langley Silt Member	Clay and Silt	Devensian - Ipswichian
	KPGR	Kempton Park Gravel Formation	Sand and Gravel	Devensian - Ipswichian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Wolstonian - Chokierian
	TPGR	Taplow Gravel Formation	Sand and Gravel	Wolstonian - Chokierian
	WIHG	Winter Hill Gravel	Sand and Gravel	Anglian - Flandrian
	BPGR	Black Park Gravel Member	Sand and Gravel	Anglian - Flandrian
	HEAD	Head	Gravel, Sand, Silt and Clay	Quaternary - Ryazanian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Eocene - Eocene
	LMBE	Lambeth Group	Clay, Silt and Sand	Paleocene - Paleocene
	LSNCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated)	Chalk	Campanian - Turonian
	Fault			

Envirocheck® Geology

Geology 1:10,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:10,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around a site. This mapping may be more up to date than previously published paper maps.

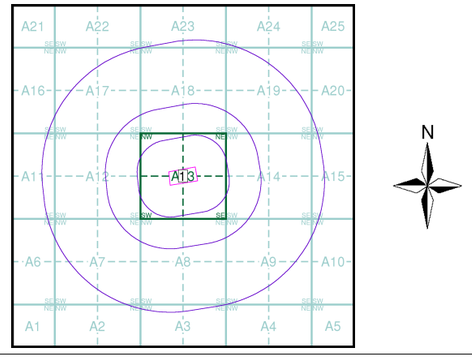
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page.

Please Note: Not all of the layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:10,000 Maps Coverage

Map ID: 1
Map Name: SU67SE
Map Date: 2011
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Available
Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

Geology 1:10,000 Maps - Slice A



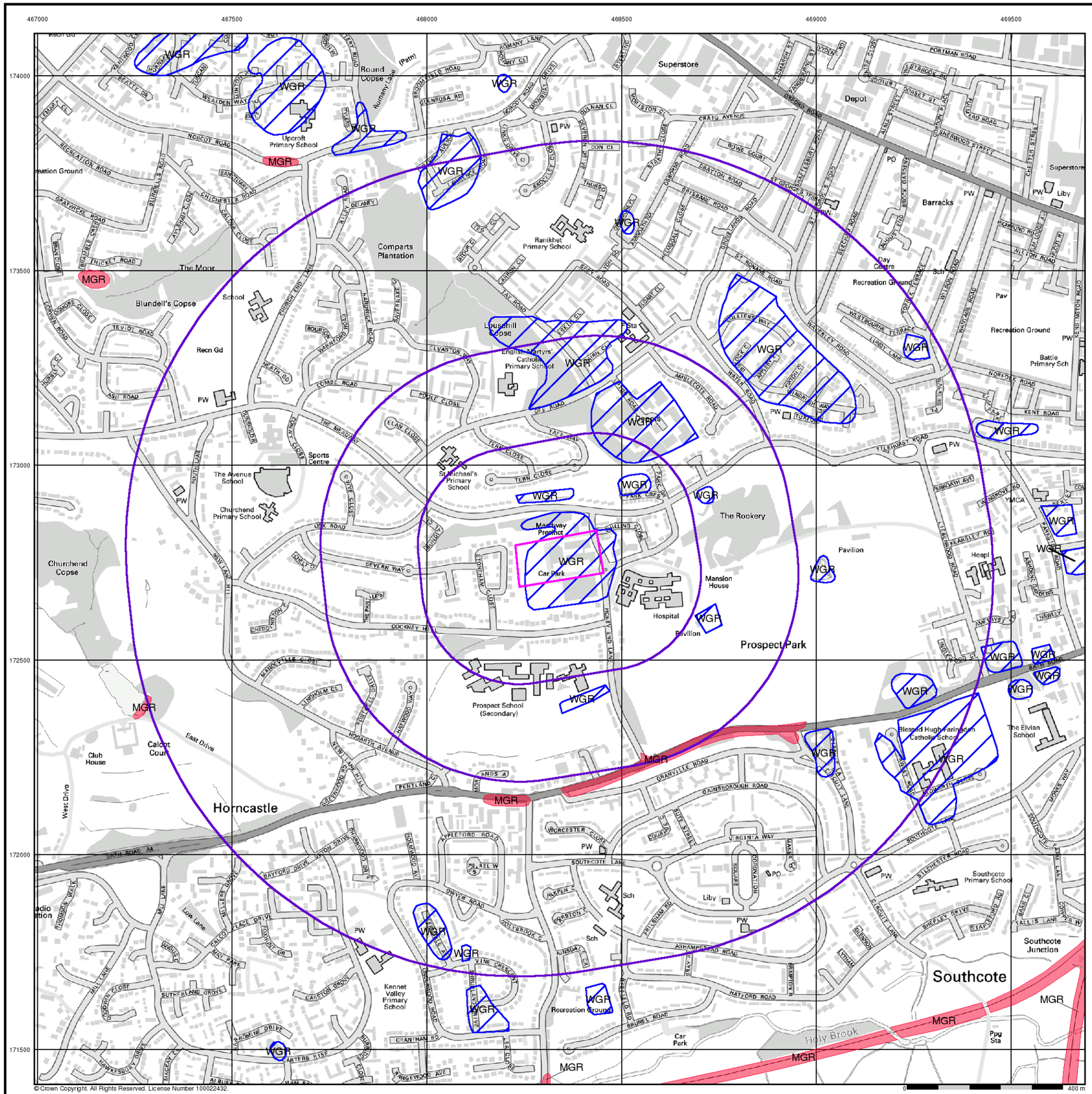
Order Details

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Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

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Envirocheck® Geology

Artificial Ground and Landslip

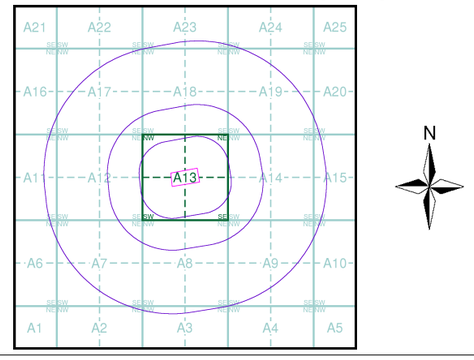
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial Ground and Landslip Map - Slice A



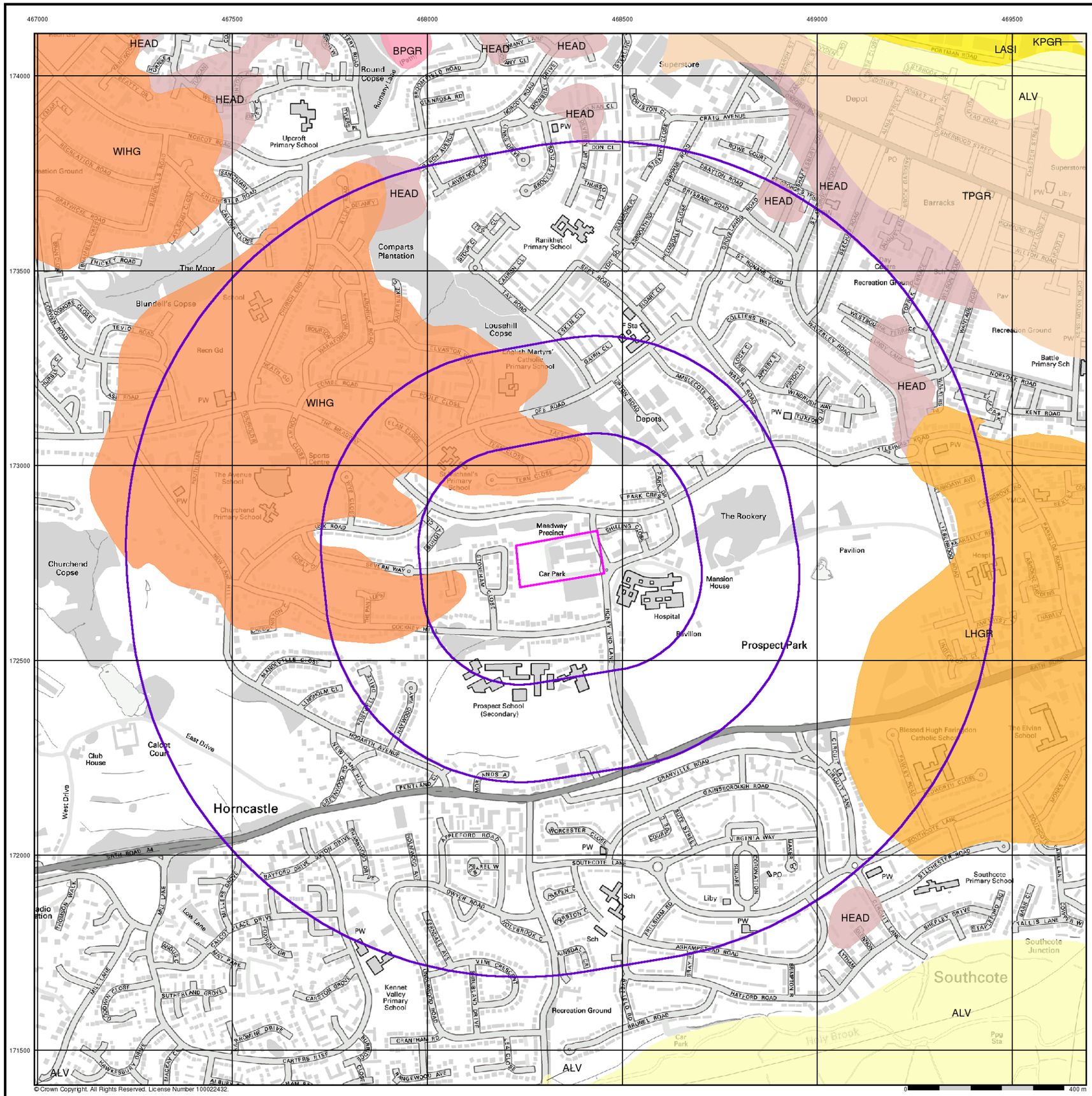
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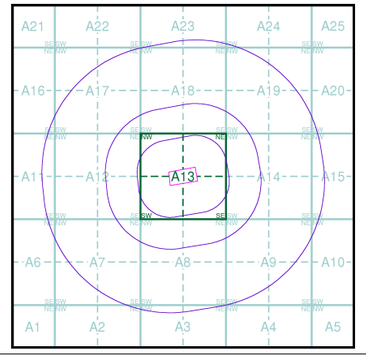
Superficial Geology

BGS 1:10,000 Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, 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



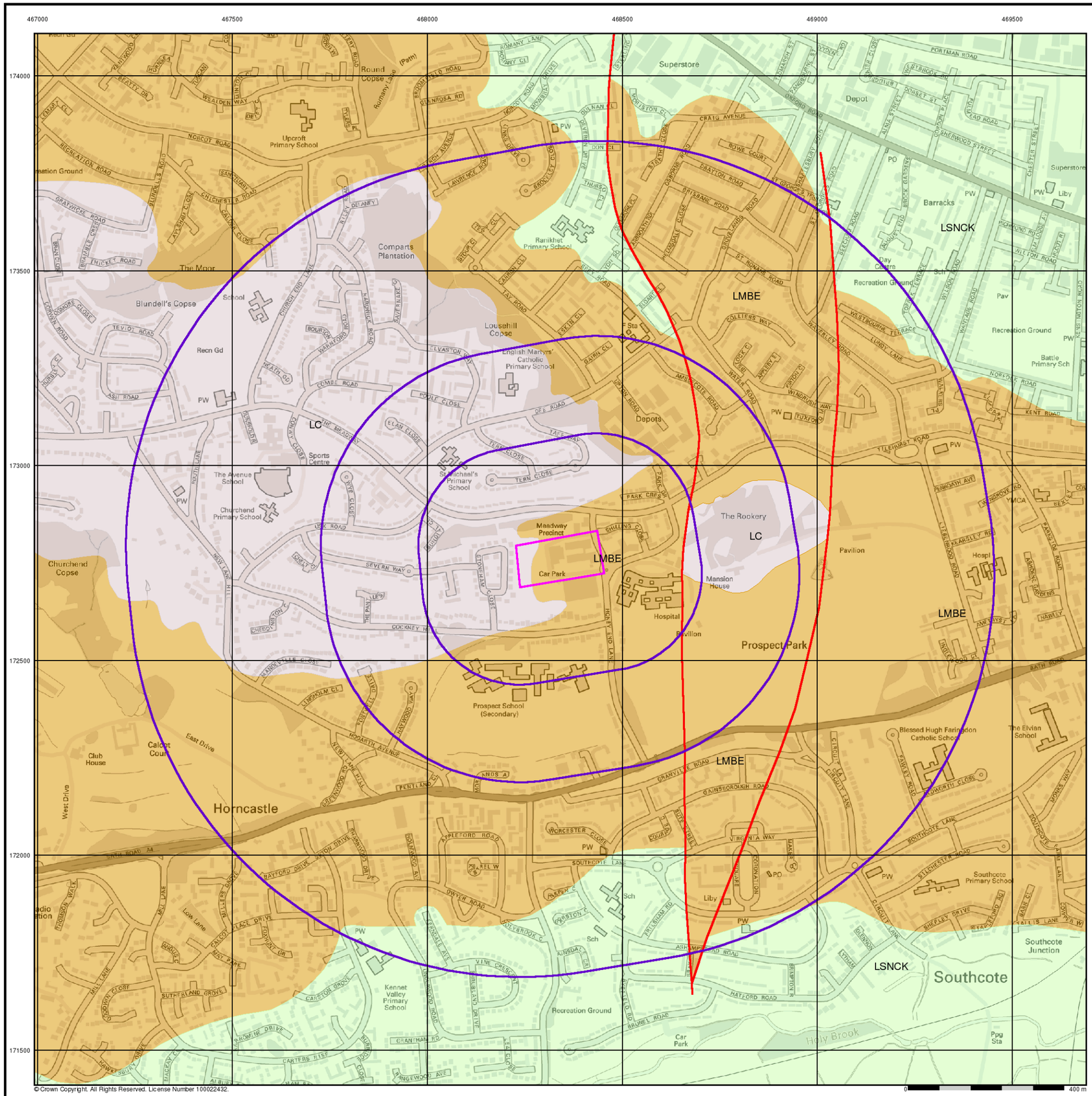
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Site Area (Ha):	2.35
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Envirocheck® Geology

Bedrock and Faults

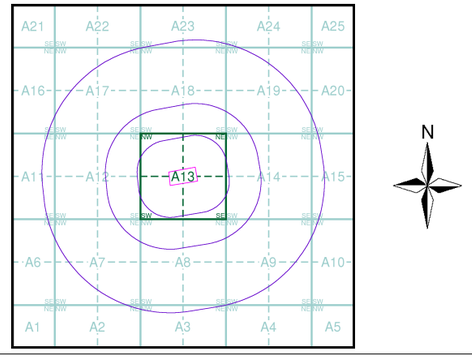
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 and thin beds mapped as lines such as coal seams and mineral veins. These are not restricted by age and could relate to features of any of the 1:10,000 geology datasets.

Bedrock and Faults Map - Slice A



Order Details

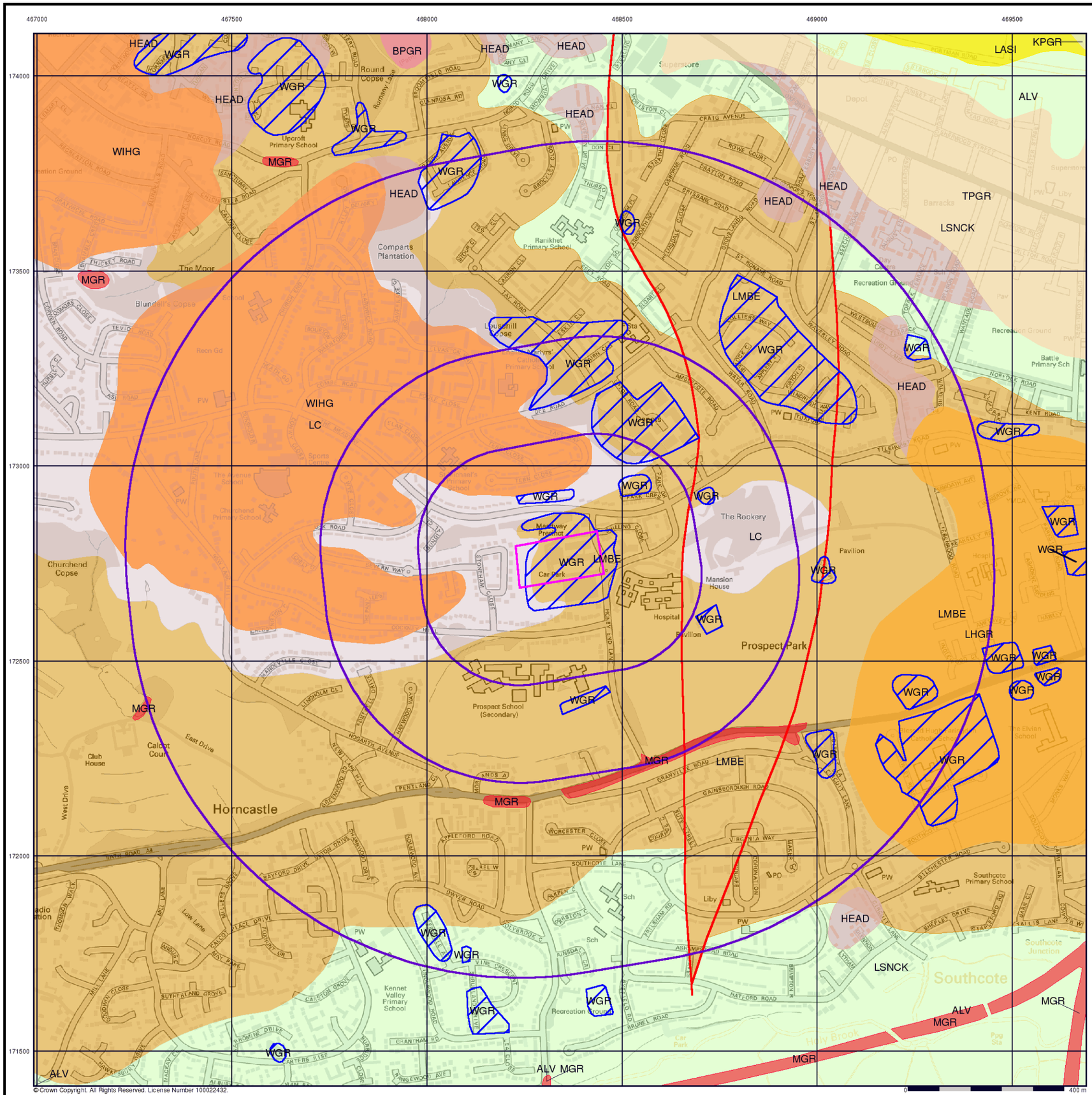
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Combined Surface Geology

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.

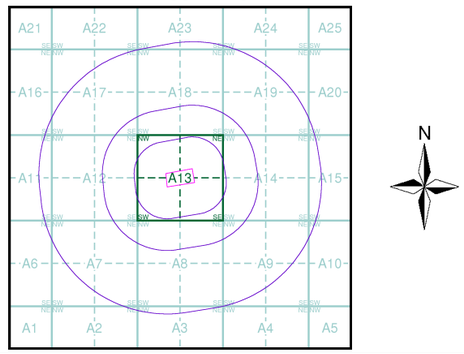
Additional Information

More information on 1:10,000 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

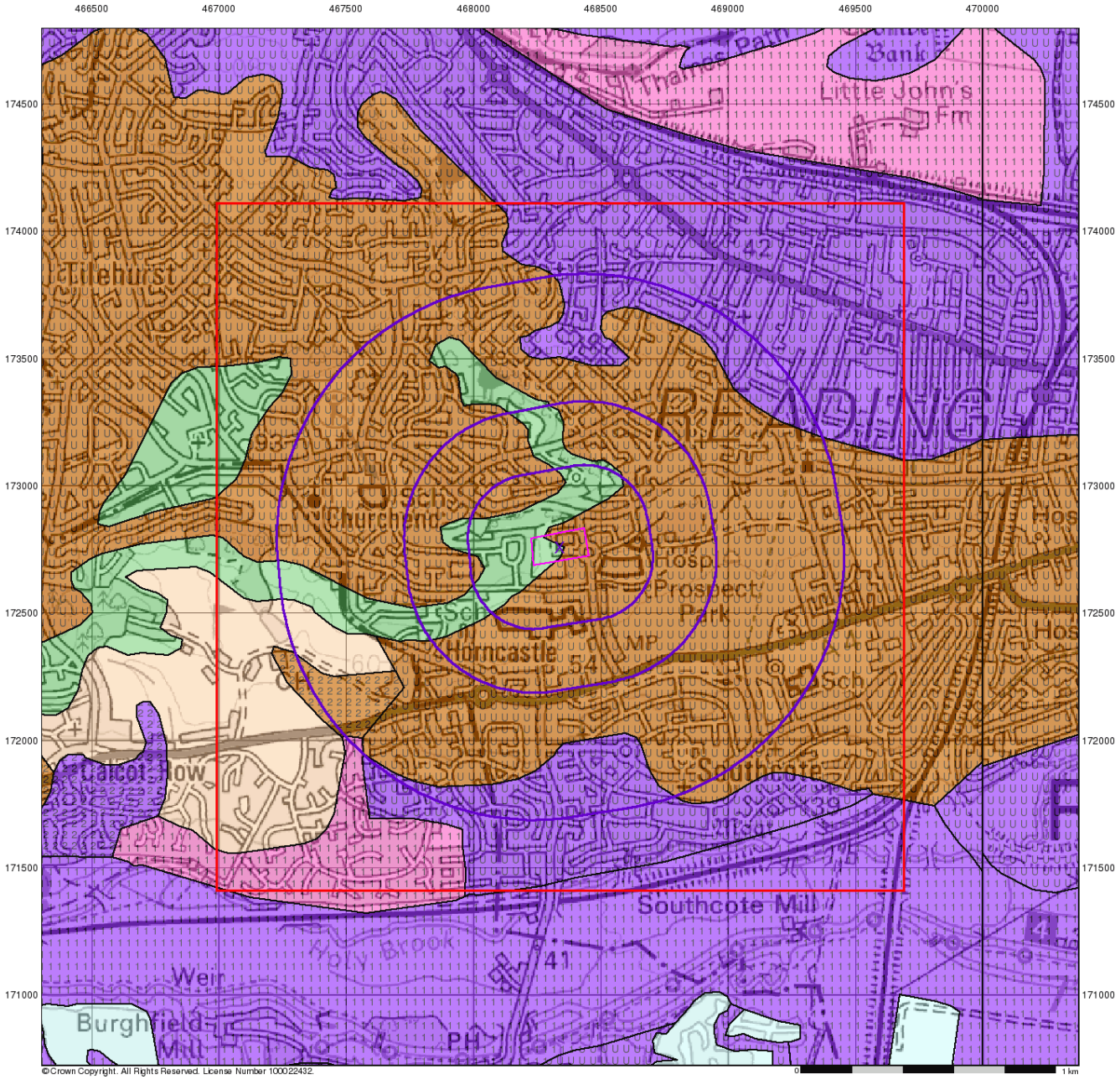


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Groundwater Vulnerability

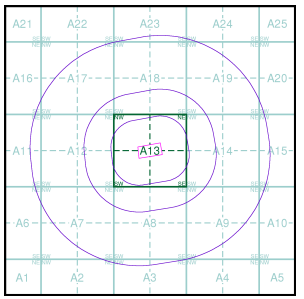
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



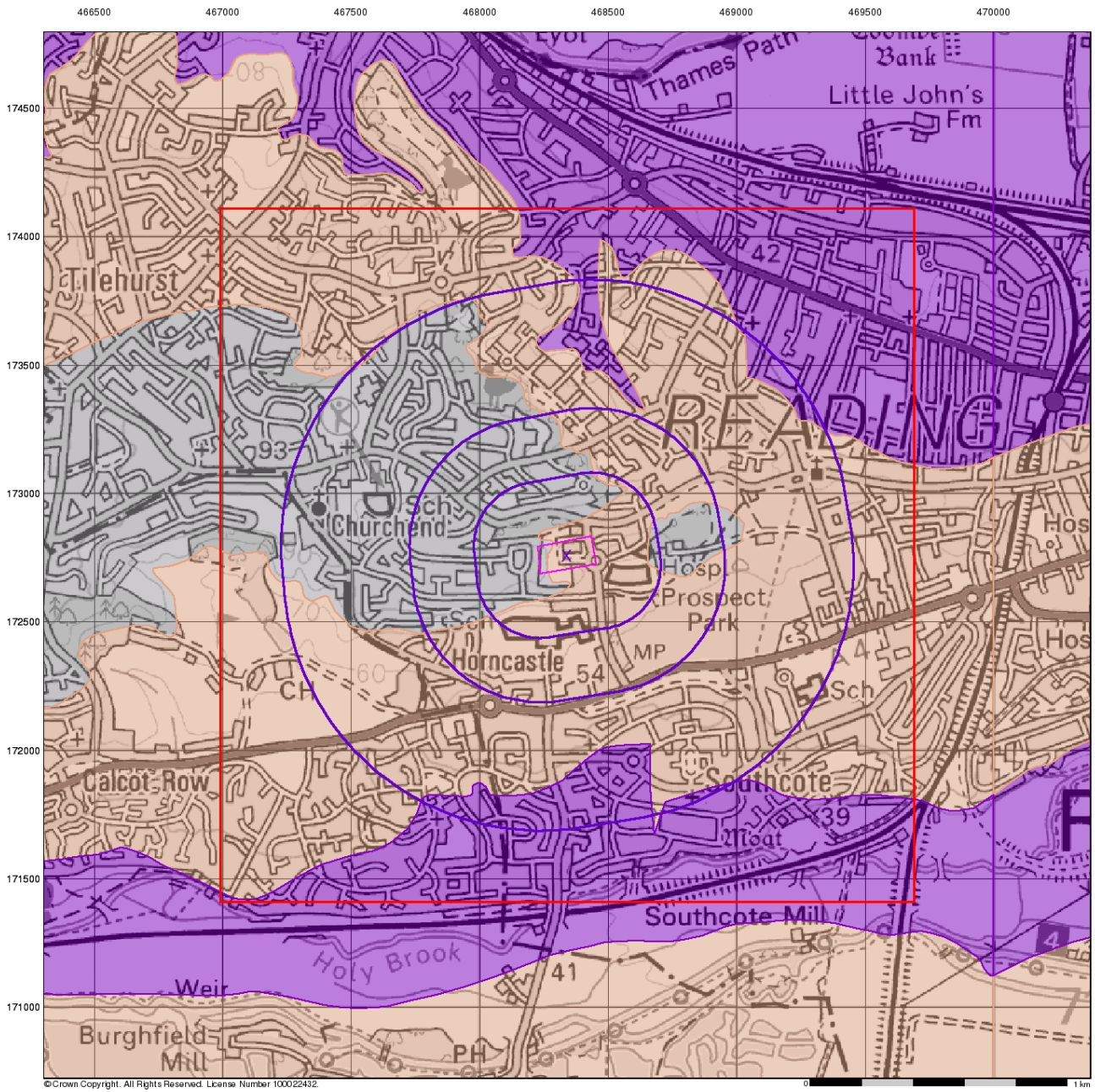
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Slice:	A
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Bedrock Aquifer Designation

General

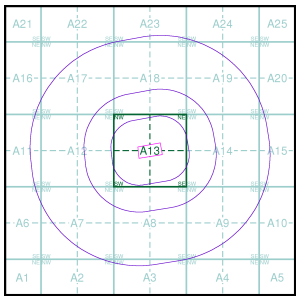
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



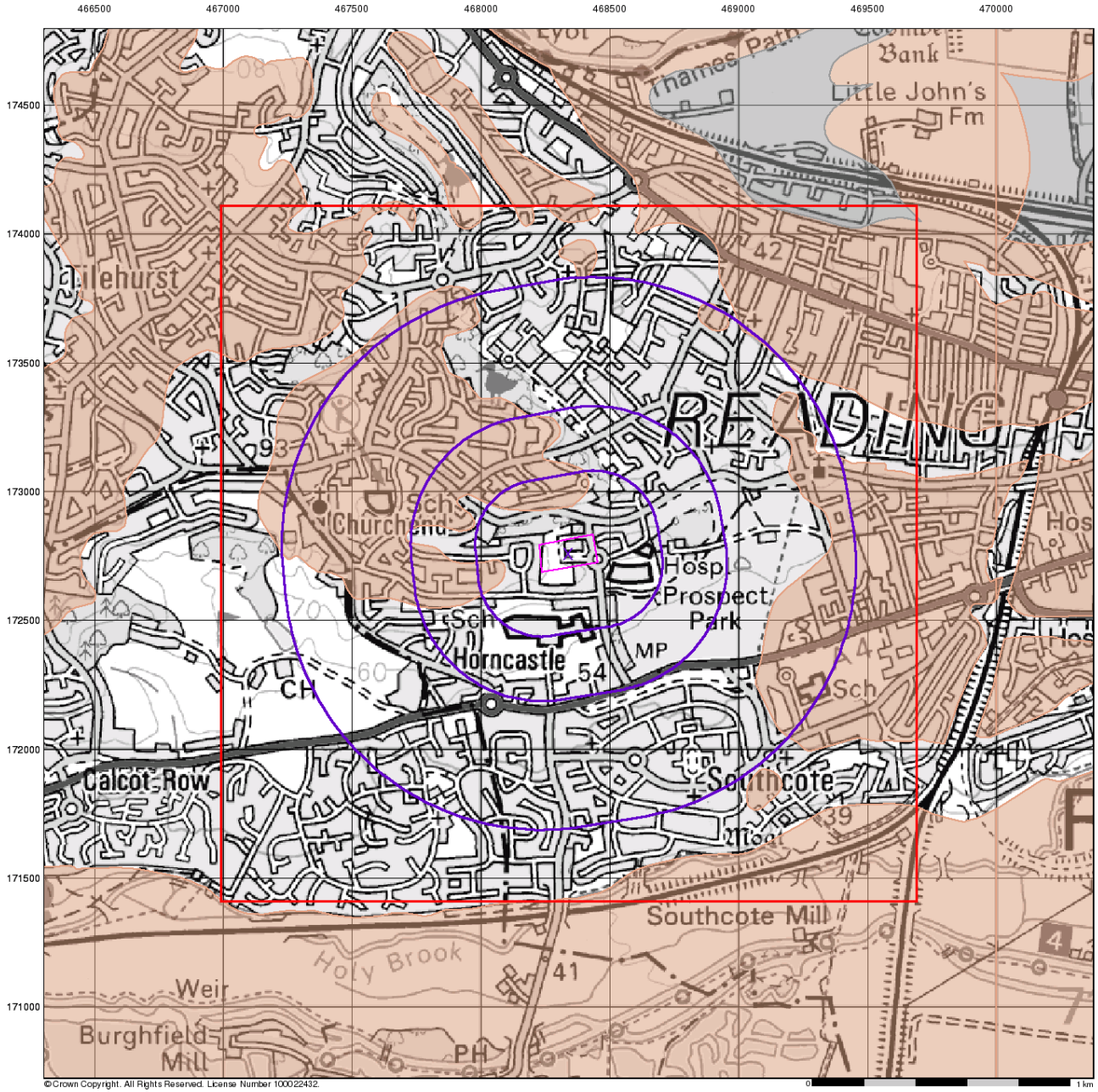
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Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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Superficial Aquifer Designation

General

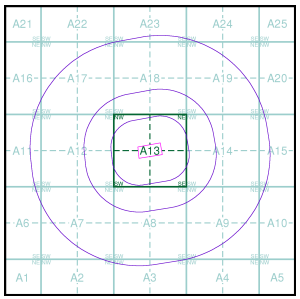
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	65211460_1_1
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Slice:	A
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Site Details

Site at 468400, 172760



Source Protection Zones

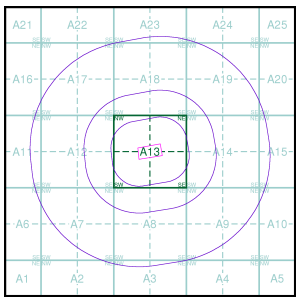
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



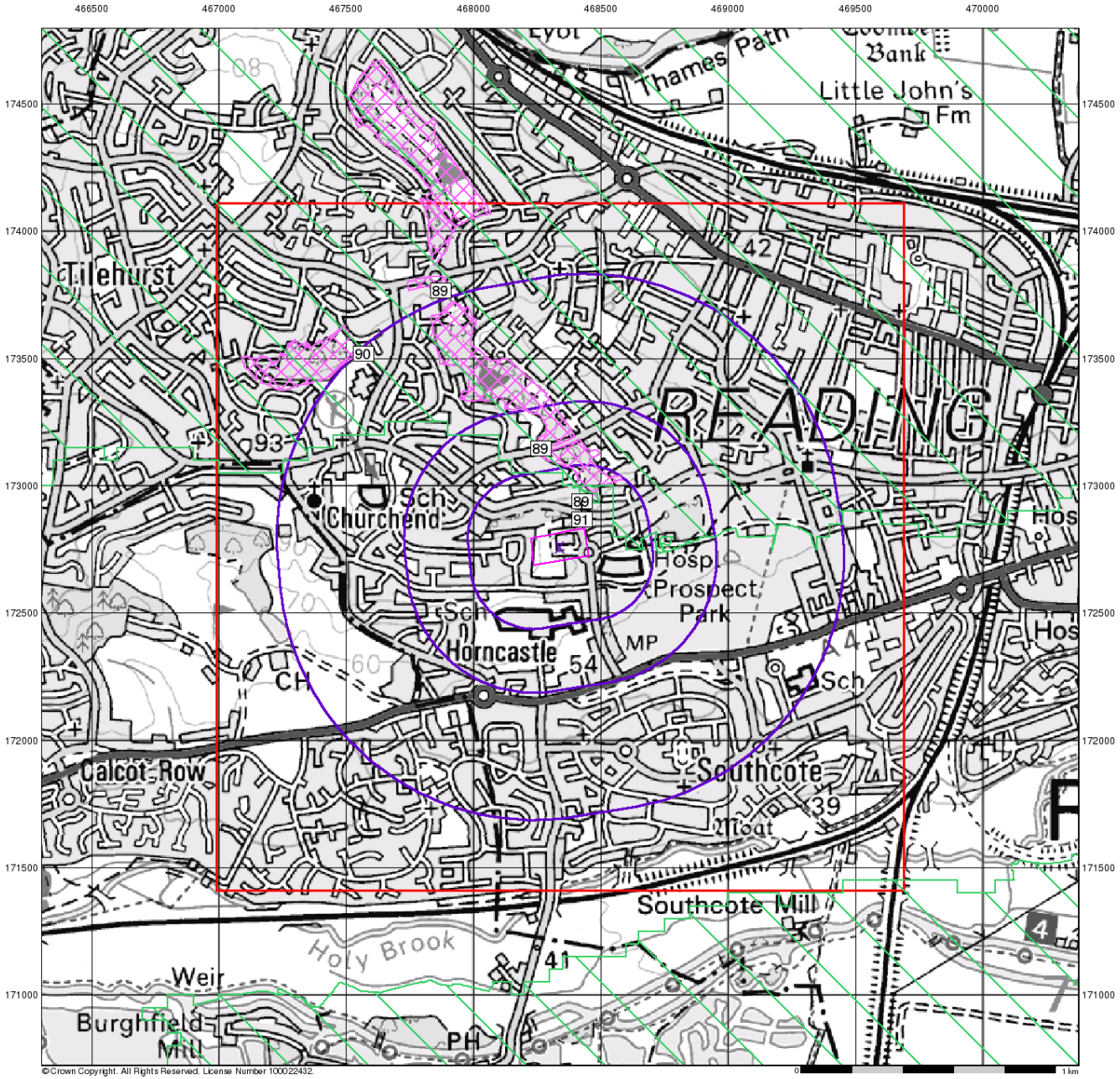
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Site Area (Ha):	2.35
Search Buffer (m):	1000

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Sensitive Land Uses

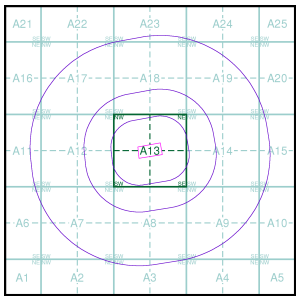
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
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Slice:	A
Site Area (Ha):	2.35
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Envirocheck® Report:

Datasheet

Order Details:

Order Number:
65211460_1_1

Customer Reference:
L00628

National Grid Reference:
468340, 172760

Slice:
A

Site Area (Ha):
2.35

Search Buffer (m):
1000

Site Details:

Site at 468400, 172760

Client Details:

Ms T Paice
Scott-White & Hookins LLP
London House
42 West Street
Carshalton
Surrey
SM5 2PR

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	7
Hazardous Substances	-
Geological	8
Industrial Land Use	22
Sensitive Land Use	29
Data Currency	30
Data Suppliers	35
Useful Contacts	36

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 v49.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				1
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 1	2	1		3
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					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 2				3 (*11)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 5	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			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 6		Yes	Yes	n/a

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Recorded Landfill Sites					
Registered Landfill Sites					
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					
Geological					
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 8	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 14	2	2	4	13
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			n/a	n/a	n/a
Man-Made Mining Cavities	pg 18	1	1	4	3
Natural Cavities	pg 19			1	5
Non Coal Mining Areas of Great Britain	pg 20	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 20	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 21	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 21	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Envirocheck®

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 22	2	5	19	46
Fuel Station Entries	pg 28		1	1	3
Sensitive Land Use					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 29		1		1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 29		1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: M I Whiteway Property Type: Domestic Property (Single) Location: Lime Tree Cottage New Lane Hill Tilehurst Reading Berkshire Rg30 4jj Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Cawm.0856 Permit Version: 1 Effective Date: 30th July 2004 Issued Date: 17th November 2004 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of The Holy Brook **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	636	2	467750 172280
2	**Local Authority Pollution Prevention and Controls** Name: Johnsons Cleaners Uk Ltd Location: Meadway Precinct, Honey End Lane, Tilehurst, Reading, Rg30 4ap Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/DC10/P1/P2 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning **Status: Authorisation certificate surrendered by operatorSurrendered** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (E)	0	3	468400 172781
2	**Local Authority Pollution Prevention and Controls** Name: Tilehurst Launderama Location: 59 Meadway Precinct, Tilehurst, Rg30 4aa Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/DC19/P1 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning **Status: Authorisation revokedRevoked** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	0	3	468407 172788
3	**Local Authority Pollution Prevention and Controls** Name: Esso Petroleum Location: Meadway Service Station, The Meadway, Tilehurst, READING, Berkshire, RG3 4AD Authority: Reading Borough Council, Environmental Health Department Permit Reference: Epa/Par.B/42/98 Dated: 9th July 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	39	3	468467 172855
4	**Local Authority Pollution Prevention and Controls** Name: Calcot Service Station Location: 108 Bath Road, Calcot, READING, Berkshire, RG30 2EU Authority: West Berkshire Council, Environmental Health Department Permit Reference: Vr2 Dated: 8th September 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A8NE (S)	504	4	468378 172201
4	**Local Authority Pollution Prevention and Controls** Name: Southcote Service Station (Tesco) Location: 108 Bath Road, READING, Berkshire, RG30 2EU Authority: Reading Borough Council, Environmental Health Department Permit Reference: EPA/PAR.B/25/98/P2 Dated: 4th March 1999 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station **Status: Permitted** Positional Accuracy: Automatically positioned to the address	A8NE (S)	504	3	468378 172201

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	**Local Authority Pollution Prevention and Controls** Name: Horncastle Ford Group Location: 102 Bath Road, Calcot, READING, Berkshire, RG30 2HS Authority: West Berkshire Council, Environmental Health Department Permit Reference: Rrv2 Dated: 1st June 1993 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	686	4	467891 172096
	Nearest Surface Water Feature	A13SW (SW)	133	-	468201 172560
6	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: READING Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 9th June 1994 Incident Reference: WE940192 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	887	2	468620 173700
7	**Water Abstractions** Operator: Calcot Park Golf Club Ltd Licence Number: 28/39/22/0127 Permit Version: 102 Location: Calcot Park, Reading Authority: Environment Agency, Thames 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: Calcot Park - Reading - Berkshire Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 28th April 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NE (W)	981	2	467300 172400
7	**Water Abstractions** Operator: Calcot Park Golf Club Ltd Licence Number: 28/39/22/0127 Permit Version: 101 Location: Calcot Park, Reading Authority: Environment Agency, Thames 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: Calcot Park - Reading - Berkshire Authorised Start: 01 October Authorised End: 30 September Permit Start Date: 13th August 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NE (W)	981	2	467300 172400
7	**Water Abstractions** Operator: Calcot Park Golf Club Ltd Licence Number: 28/39/22/0127 Permit Version: 100 Location: Calcot Park, Reading Authority: Environment Agency, Thames Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 27 Yearly Rate (m3): 2500 Details: Calcot Park, Reading Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 23rd January 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6NE (W)	981	2	467300 172400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Network Rail Infrastr Ltd Licence Number: 28/39/22/0266 Permit Version: 101 Location: Railtrack Property, Southcote, Reading Authority: Environment Agency, Thames Region Abstraction: Transport: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Southcote, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 3rd February 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NW (SE)	1537	2	469600 171700
	Water Abstractions Operator: Railtrack Gw Licence Number: 28/39/22/0266 Permit Version: 100 Location: Railtrack Property, Southcote, Reading Authority: Environment Agency, Thames Region Abstraction: Transport: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 909 Yearly Rate (m3): 250030 Details: Southcote, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th December 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NW (SE)	1537	2	469600 171700
	Water Abstractions Operator: T Bucknell Licence Number: 28/39/22/0294 Permit Version: Not Supplied Location: Holybrook Farm, READING Authority: Environment Agency, Thames Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 10 Yearly Rate (m3): 3732 Details: River Gravel; Licence Status: Revoked; Lapsed Or Cancelled 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	A3SW (S)	1594	2	468100 171100
	Water Abstractions Operator: Reading Town Football Club Licence Number: 28/39/23/0176 Permit Version: 100 Location: Scours Lane, Reading Town F.C, Reading Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 18 Yearly Rate (m3): 2496 Details: Scours Lane Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th September 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1689	2	468700 174500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Reading Town Football Club Licence Number: 28/39/23/0176 Permit Version: 100 Location: Scours Lane, Reading Town F.C, Reading Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Scours Lane Authorised Start: 01 March Authorised End: 31 October Permit Start Date: 30th September 1994 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1689	2	468700 174500
	Water Abstractions Operator: Prudential Ibis Club Licence Number: 28/39/23/0131 Permit Version: 100 Location: Scours Lane, Reading Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 1250 Details: Scours Lane Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1732	2	468900 174500
	Water Abstractions Operator: Prudential Ibis Club Licence Number: 28/39/23/0131 Permit Version: 100 Location: Scours Lane, Reading Authority: Environment Agency, Thames Region Abstraction: Sports Grounds/Facilities: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Scours Lane, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st May 1992 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1732	2	468900 174500
	Water Abstractions Operator: West Berkshire Health Authority Licence Number: 28/39/23/0181 Permit Version: 100 Location: Battle Hospital, Oxford Road, Reading Authority: Environment Agency, Thames Region Abstraction: Hospitals: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 400 Yearly Rate (m3): 136875 Details: Battle Hospital Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th January 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25SE (NE)	1733	2	469800 173900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr D A Drayton Licence Number: 28/39/23/0070 Permit Version: 100 Location: Little John'S Farm, Reading (A) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Little John'S Farm, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th January 1967 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1734	2	469500 174200
	Water Abstractions Operator: Mr J John Meighen Licence Number: Th/039/0022/006 Permit Version: 1 Location: Holy Brook In Calcot, Reading Authority: Environment Agency, Thames Region Abstraction: Electricity: Transfer Between Sources Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 9th December 2010 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A1NW (SW)	1843	2	466838 171489
	Water Abstractions Operator: Reading Borough Council Licence Number: 28/39/23/0137 Permit Version: 100 Location: Scours Lane, Reading (A - R) Authority: Environment Agency, Thames Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 5 Yearly Rate (m3): 1000 Details: Scours Lane, Reading Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th November 1976 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1889	2	469100 174600
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 38 Upper Thames & Bedfordshire Scale: 1:100,000	A13NE (NE)	0	2	468343 172766
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 38 Upper Thames & Bedfordshire Scale: 1:100,000	A13SW (N)	0	2	468339 172758
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SW (N)	0	5	468339 172758
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13NW (NW)	0	5	468281 172785
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	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				
8	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	133	2	468201 172560
9	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (W)	137	2	468090 172797
10	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	264	2	468061 172493
11	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	337	2	468022 172429
12	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A8NW (S)	433	2	468238 172255
13	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A8NE (S)	434	2	468437 172282

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Reading Unitary Council - Has supplied landfill data		0	9	468339 172758
	Local Authority Landfill Coverage Name: West Berkshire Unitary Council - Has no landfill data to supply		598	4	467964 172157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Oldhaven, Blackheath, Woolwich, and Reading and Thanet beds	A13SW (N)	0	5	468339 172758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	0	5	468280 172785
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (N)	0	5	468339 172758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	122	5	468318 172937
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (W)	142	5	468094 172700
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (N)	168	5	468411 173000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (N)	170	5	468339 173000

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	200	5	468654 172749
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	209	5	468495 173037
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	227	5	468000 172758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	233	5	468000 172725
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (SW)	255	5	468000 172598
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (SW)	300	5	468000 172505

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (NW)	307	5	468000 173000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (NE)	532	5	468614 173335
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	547	5	469000 172758
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	552	5	469000 172800
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NW (E)	590	5	469000 173000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	611	5	468000 173361

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (S)	688	5	468339 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	696	5	469118 172517
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	709	5	468496 172012
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	715	5	468462 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	716	5	468000 173473
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7SE (SW)	728	5	468000 172000

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (SE)	753	5	468663 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	799	5	469198 173068
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	818	5	469229 173028
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (N)	848	5	468000 173611
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7SE (S)	850	5	468000 171872
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NE (NE)	864	5	469040 173449

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	879	5	467962 173632
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SW (SE)	907	5	469000 172000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	911	5	469247 173246
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NW (NE)	921	5	468887 173635
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19SE (NE)	924	5	469178 173382
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (N)	930	5	468000 173696

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: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NE (NE)	984	5	469017 173625
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NW (NW)	985	5	467587 173543
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (N)	987	5	467979 173749
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A23SE (N)	993	5	468395 173824
14	**BGS Recorded Mineral Sites** Site Name: Prospect Park Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10642 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NW (W)	0	5	468320 172762
14	**BGS Recorded Mineral Sites** Site Name: Prospect Park Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10642 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NW (W)	0	5	468320 172762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**BGS Recorded Mineral Sites** Site Name: Prospect Park Brick Works Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36376 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	5	5	468443 172813
16	**BGS Recorded Mineral Sites** Site Name: Prospect Park Location: , Southcote, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36382 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	155	5	468528 172956
17	**BGS Recorded Mineral Sites** Site Name: Prospect Park Brick Works Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36377 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (E)	296	5	468719 172916
18	**BGS Recorded Mineral Sites** Site Name: Westwood Kiln Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10640 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SE (NE)	321	5	468547 173133
19	**BGS Recorded Mineral Sites** Site Name: Prospect Park Brick Works Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36375 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	455	5	468856 173004
20	**BGS Recorded Mineral Sites** Site Name: Grovelands Tile & Pottery Works Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10639 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SW (N)	483	5	468316 173301

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**BGS Recorded Mineral Sites** Site Name: Grovelands Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10641 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	633	5	468849 173311
21	**BGS Recorded Mineral Sites** Site Name: Grovelands Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10641 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	633	5	468849 173311
22	**BGS Recorded Mineral Sites** Site Name: Prospect Park Brick Works Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36373 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NE (NE)	650	5	469037 173078
23	**BGS Recorded Mineral Sites** Site Name: Circuit Lane Gravel Pit Location: , Southcote, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36380 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Lynch Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	720	5	469010 172267
24	**BGS Recorded Mineral Sites** Site Name: Horncastle Gravel Pit Location: , Southcote, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36381 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	721	5	468666 172035
25	**BGS Recorded Mineral Sites** Site Name: Penham'S Shaw Gravel Pit Location: , Tilehurst, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36366 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NE (N)	789	5	468508 173618

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**BGS Recorded Mineral Sites** Site Name: Prospect Park Gravel Pit Location: , Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36372 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SE (E)	809	5	469199 173098
27	**BGS Recorded Mineral Sites** Site Name: Prospect Park Gravel Pit Location: , Southcote, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36374 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Lynch Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SE (E)	848	5	469258 172455
28	**BGS Recorded Mineral Sites** Site Name: Penham'S Shaw Gravel Pit Location: , Tilehurst, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36365 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A18NE (N)	855	5	468524 173682
29	**BGS Recorded Mineral Sites** Site Name: Norcot Kilns Location: , Tilehurst, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36368 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeogene Geology: London Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17NE (N)	936	5	467965 173692
30	**BGS Recorded Mineral Sites** Site Name: Grovelands Chalk Pit Location: , Tilehurst, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36369 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	945	5	469254 173304
31	**BGS Recorded Mineral Sites** Site Name: Southcot Lane Gravel Pit Location: , Southcote, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36379 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Quaternary Geology: Lynch Hill Gravel Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	978	5	469254 172162

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
32	**BGS Recorded Mineral Sites** Site Name: Penham'S Shaw Gravel Pit Location: , Tilehurst, Reading, Berkshire Source: British Geological Survey, National Geoscience Information Service Reference: 36364 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A23SE (N)	983	5	468596 173802
	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				
	Man-Made Mining Cavities Easting: 468400 Northing: 172800 Distance: 0 Quadrant Reference: A13 Quadrant Reference: NE Bearing Ref: NE Cavity Type: Historical Brick Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A13NE (NE)	0	6	468400 172800
	Man-Made Mining Cavities Easting: 468600 Northing: 173000 Distance: 236 Quadrant Reference: A13 Quadrant Reference: NE Bearing Ref: NE Cavity Type: Historical Brickworks-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A13NE (NE)	236	6	468600 173000
	Man-Made Mining Cavities Easting: 468200 Northing: 172400 Distance: 291 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Historical Brick and Lime Kiln-Probable References to Shaft Entry Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	A8NW (S)	291	6	468200 172400
	Man-Made Mining Cavities Easting: 468600 Northing: 173100 Distance: 315 Quadrant Reference: A18 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Historical Brickworks-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A18SE (NE)	315	6	468600 173100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 468800 Northing: 173000 Distance: 402 Quadrant Reference: A14 Quadrant Reference: NW Bearing Ref: NE Cavity Type: Historical Clay Pit-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A14NW (NE)	402	6	468800 173000
	Man-Made Mining Cavities Easting: 468400 Northing: 173300 Distance: 469 Quadrant Reference: A18 Quadrant Reference: SE Bearing Ref: N Cavity Type: Historical Clay Pit-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A18SE (N)	469	6	468400 173300
	Man-Made Mining Cavities Easting: 469000 Northing: 173100 Distance: 625 Quadrant Reference: A19 Quadrant Reference: SW Bearing Ref: NE Cavity Type: Historical Brick Works/Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: No Details	A19SW (NE)	625	6	469000 173100
	Man-Made Mining Cavities Easting: 468900 Northing: 173300 Distance: 660 Quadrant Reference: A19 Quadrant Reference: SW Bearing Ref: NE Cavity Type: Historical Brick Works/Extensive Clay Pits-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A19SW (NE)	660	6	468900 173300
	Man-Made Mining Cavities Easting: 468000 Northing: 171800 Distance: 920 Quadrant Reference: A7 Quadrant Reference: SE Bearing Ref: S Cavity Type: Historical Brick and Lime Kiln(s)-Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Worked Ground	A7SE (S)	920	6	468000 171800
	Natural Cavities Easting: 468700 Northing: 173100 Distance: 377 Quadrant Reference: A19 Quadrant Reference: SW Bearing Ref: NE Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	A19SW (NE)	377	6	468700 173100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Easting: 467800 Northing: 172350 Distance: 553 Quadrant Reference: A7 Quadrant Reference: NE Bearing Ref: SW Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	A7NE (SW)	553	6	467800 172350
	Natural Cavities Easting: 469100 Northing: 173100 Distance: 717 Quadrant Reference: A19 Quadrant Reference: SE Bearing Ref: NE Cavity Type: Solution Pipe x 10 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	A19SE (NE)	717	6	469100 173100
	Natural Cavities Easting: 468800 Northing: 173450 Distance: 718 Quadrant Reference: A19 Quadrant Reference: NW Bearing Ref: NE Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Worked Ground	A19NW (NE)	718	6	468800 173450
	Natural Cavities Easting: 467900 Northing: 172050 Distance: 722 Quadrant Reference: A7 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Sinkhole x 1, Solution Pipe x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details	A7SE (SW)	722	6	467900 172050
	Natural Cavities Easting: 469250 Northing: 172250 Distance: 927 Quadrant Reference: A9 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Lynch Hill Gravel, Worked Ground	A9NE (SE)	927	6	469250 172250
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	5	468280 172785
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	200	5	468654 172749
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	5	468307 172752
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	55	5	468349 172888
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	128	5	468514 172933
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	163	5	468612 172769
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	214	5	468431 173049
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	232	5	468562 173027
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	5	468280 172785
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	200	5	468654 172749
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	5	468280 172785
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (N)	0	5	468339 172758
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	157	5	468320 172970
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	200	5	468654 172749
	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	5	468339 172758
	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	5	468339 172758

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	**Contemporary Trade Directory Entries** Name: Johnson Cleaners (Uk) Ltd Location: 21, Meadway Precinct, Tilehurst, Reading, RG30 4AA Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	0	-	468363 172758
34	**Contemporary Trade Directory Entries** Name: Tilehurst Laundrette & Dry-Cleaner Location: 58, Meadway Precinct, Tilehurst, Reading, RG30 4AA Classification: Laundries & Launderettes **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	0	-	468408 172794
35	**Contemporary Trade Directory Entries** Name: Olympia Tools (Uk) Ltd Location: 69 Honey End La, Reading, Berkshire, RG30 4EL Classification: Tool Design, Manufacturers & Makers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	38	-	468458 172686
36	**Contemporary Trade Directory Entries** Name: Second To None Carpet Cleaning Service Location: Flat 86, Blandy House, The Meadway, Tilehurst, Reading, RG30 4AJ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	110	-	468246 172909
37	**Contemporary Trade Directory Entries** Name: Prospect Park Hospital Location: Prospect Park Hospital, Honey End Lane, Tilehurst, Reading, Berkshire, RG30 4EJ Classification: Hospitals **Status: Active** Positional Accuracy: Manually positioned to the address or location	A13SE (E)	114	-	468564 172697
38	**Contemporary Trade Directory Entries** Name: Boilerfix Location: 68, Honey End Lane, Reading, RG30 4EQ Classification: Boilers - Servicing, Replacements & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	176	-	468498 172554
39	**Contemporary Trade Directory Entries** Name: John Gatward Packaging Ltd Location: 118, Severn Way, Tilehurst, Reading, RG30 4HJ Classification: Packaging & Wrapping Equipment & Supplies **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	216	-	468019 172709
40	**Contemporary Trade Directory Entries** Name: Nabishi (Uk) Ltd Location: 16c, Upton Road, Tilehurst, Reading, RG30 4BJ Classification: Radio Communication Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	252	-	468493 173077
40	**Contemporary Trade Directory Entries** Name: N & B Foods Location: 22, Upton Road, Tilehurst, READING, RG30 4BJ Classification: Frozen Food Processors & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	252	-	468493 173077
40	**Contemporary Trade Directory Entries** Name: Business Furniture Online Ltd Location: 16, Upton Road, Tilehurst, Reading, RG30 4BJ Classification: Office Furniture & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	252	-	468493 173077
40	**Contemporary Trade Directory Entries** Name: Waldron Office Furniture Ltd Location: 16, Upton Road, Tilehurst, Reading, RG30 4BJ Classification: Office Furniture & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	252	-	468493 173077

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
41	**Contemporary Trade Directory Entries** Name: Eurodec Painting Supplies Location: 16b, Upton Road, Tilehurst, Reading, Berkshire, RG30 4BJ Classification: Painting & Decorating Supplies **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	274	-	468568 173072
42	**Contemporary Trade Directory Entries** Name: Effective Design & Print Location: Unit 3, Marcus Close, Tilehurst, Reading, RG30 4EB Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	307	-	468630 173069
42	**Contemporary Trade Directory Entries** Name: Berkshire Heating & Plumbing Location: Unit 4, Marcus Close, Tilehurst, Reading, RG30 4EA Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	307	-	468630 173069
42	**Contemporary Trade Directory Entries** Name: Unico Location: Unit 6, Marcus Close, Tilehurst, Reading, Berkshire, RG30 4EA Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	340	-	468663 173084
43	**Contemporary Trade Directory Entries** Name: Anthony Peters Ltd Location: Unit 5 Marcus Clo, Tilehurst, Reading, Berkshire, RG30 4EA Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SE (NE)	328	-	468592 173120
43	**Contemporary Trade Directory Entries** Name: Unico Ltd Location: Unit 1, Marcus Close, Tilehurst, Reading, RG30 4EA Classification: Janitorial Equipment - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	367	-	468631 173142
43	**Contemporary Trade Directory Entries** Name: Mirek Ltd Location: Unit 1, Marcus Close, Tilehurst, Reading, RG30 4EA Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	367	-	468631 173142
44	**Contemporary Trade Directory Entries** Name: Radio Services Uk Location: 16c Upton Rd, Tilehurst, Reading, Berkshire, RG30 4BJ Classification: Radio Communication Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	334	-	468531 173152
44	**Contemporary Trade Directory Entries** Name: Diamant Precision Engineering Ltd Location: Marcus Close, Tilehurst, Reading, RG30 4EA Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	362	-	468559 173173
44	**Contemporary Trade Directory Entries** Name: Synergy Health Plc Location: Marcus Close, Tilehurst, Reading, RG30 4EA Classification: Medical Equipment Maintenance & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	374	-	468592 173171
45	**Contemporary Trade Directory Entries** Name: Ovenu Newbury Location: 35, Honey End Lane, Reading, RG30 4EL Classification: Oven cleaning **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	340	-	468464 172381
46	**Contemporary Trade Directory Entries** Name: Brooklands Mot & Service Centre Ltd Location: 330, Tilehurst Road, Reading, RG30 2NG Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	353	-	468740 173008

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**Contemporary Trade Directory Entries** Name: Haywood Carpetcare Location: 22, Haywood Way, Reading, RG30 4QP Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SE (SW)	368	-	467983 172424
48	**Contemporary Trade Directory Entries** Name: L&M Cleaners Location: 62, Usk Road, Tilehurst, Reading, RG30 4HU Classification: Blast Cleaning **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	408	-	467820 172817
49	**Contemporary Trade Directory Entries** Name: Mays Cleaning Contractors Location: 56, Amblecote Road, Tilehurst, Reading, RG30 4BP Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	428	-	468713 173158
50	**Contemporary Trade Directory Entries** Name: Trophy Pet Foods Location: 146, Dee Road, Tilehurst, Reading, RG30 4BT Classification: Pet Foods & Animal Feeds **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	502	-	468609 173303
51	**Contemporary Trade Directory Entries** Name: Cooper Mini Location: 106, Bath Road, Reading, RG30 2EU Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	503	-	468403 172205
51	**Contemporary Trade Directory Entries** Name: Cooper Mini Location: 106, Bath Road, Reading, Berkshire, RG30 2EU Classification: Car Dealers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8NE (S)	503	-	468403 172205
51	**Contemporary Trade Directory Entries** Name: Cooper (Reading) Mini Location: 106, Bath Road, Reading, RG30 2EU Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	503	-	468403 172205
52	**Contemporary Trade Directory Entries** Name: Esso Location: 108, Bath Road, Reading, RG30 2EU Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NE (S)	504	-	468378 172201
52	**Contemporary Trade Directory Entries** Name: Southcote Fresh Ideas Location: 108, Bath Road, Reading, RG30 2EU Classification: Petrol Filling Stations - 24 Hour **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NE (S)	504	-	468378 172201
52	**Contemporary Trade Directory Entries** Name: Tesco Petrol Filling Station Location: Bath Rd, Reading, Berkshire, RG30 2EU Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8NE (S)	505	-	468378 172200
52	**Contemporary Trade Directory Entries** Name: British Estate Services Ltd Location: Unit 1, 132, Bath Road, Reading, RG30 2EU Classification: Concrete Products **Status: Active** Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (S)	508	-	468350 172192
52	**Contemporary Trade Directory Entries** Name: Cooper (Reading) Location: 106, Bath Road, Reading, RG30 2EU Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A8NE (S)	508	-	468350 172192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	**Contemporary Trade Directory Entries** Name: Sterling Cars Location: Unit 1, 132, Bath Road, Reading, Berkshire, RG30 2EU Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8NW (S)	509	-	468328 172188
52	**Contemporary Trade Directory Entries** Name: Purco Print Location: Unit 3-4, 132, Bath Road, Reading, RG30 2EU Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (S)	509	-	468328 172188
52	**Contemporary Trade Directory Entries** Name: Motor Pro Location: Unit 2,132 Bath Rd, Reading, Berkshire, RG30 2EU Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A8NW (S)	537	-	468332 172160
53	**Contemporary Trade Directory Entries** Name: Snow White Refrigeration Location: 6, Hogarth Avenue, Reading, RG30 4QW Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	504	-	468074 172211
54	**Contemporary Trade Directory Entries** Name: Scalgon Location: 19, Cockney Hill, Tilehurst, Reading, RG30 4HF Classification: Boilers - Servicing, Replacements & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A12SE (W)	535	-	467702 172667
55	**Contemporary Trade Directory Entries** Name: 1st Class Cleaners Location: 2, Severn Way, Tilehurst, Reading, RG30 4HH Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	555	-	467673 172808
56	**Contemporary Trade Directory Entries** Name: A Ladies Touch Cleaning Services Location: 15, Bromley Walk, Tilehurst, Reading, RG30 4LR Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	568	-	467922 173273
57	**Contemporary Trade Directory Entries** Name: Motivation Race & Custom Cars Location: Alan Pl,Bath Rd, Reading, Berkshire, RG30 3BW Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A8NW (S)	583	-	468114 172119
58	**Contemporary Trade Directory Entries** Name: Advance Cleaning Location: 76, Alan Place, Bath Road, Reading, RG30 3BW Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	637	-	468062 172076
59	**Contemporary Trade Directory Entries** Name: Carrington'S Location: 77, Gainsborough Road, Reading, RG30 3BU Classification: Cleaning Materials & Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	651	-	468709 172125
60	**Contemporary Trade Directory Entries** Name: Purco Print Location: Unit 3-4, 132, Bath Road, Reading, RG30 2EU Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	664	-	467863 172140
60	**Contemporary Trade Directory Entries** Name: Squires Designs Location: 1, New Lane Hill, Tilehurst, Reading, RG30 4JE Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	669	-	467838 172152

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**Contemporary Trade Directory Entries** Name: M M Cleaning Contractors Location: 48, Colliers Way, Reading, Berkshire, RG30 2QT Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	684	-	468811 173404
62	**Contemporary Trade Directory Entries** Name: Evans Halshaw Location: Bath Road, READING, RG30 2HS Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	687	-	467892 172095
63	**Contemporary Trade Directory Entries** Name: Carrington'S Location: 18, Florian Gardens, READING, RG30 3QG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	703	-	468839 172135
64	**Contemporary Trade Directory Entries** Name: Honda Marshall Of Reading Location: 145, Bath Road, Reading, RG30 2BD Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A9NE (SE)	739	-	469065 172310
65	**Contemporary Trade Directory Entries** Name: Lab Master Services Location: 28, Hardwick Road, Tilehurst, Reading, Berkshire, RG30 4LL Classification: Photographic Equipment & Supplies - Wholesale **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	739	-	467858 173434
66	**Contemporary Trade Directory Entries** Name: Supreme Cleaning Location: Holmwood Av, Reading, Berkshire, RG30 3PJ Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A7SE (SW)	744	-	467963 171997
67	**Contemporary Trade Directory Entries** Name: Parkview Skoda Location: 145, Bath Road, Reading, Berkshire, RG30 2BD Classification: Car Dealers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A9NE (SE)	803	-	469136 172299
68	**Contemporary Trade Directory Entries** Name: All Blinds Uk Location: 108, Underwood Road, Reading, RG30 3PD Classification: Blinds, Awnings & Canopies **Status: Active** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	829	-	467948 171912
69	**Contemporary Trade Directory Entries** Name: Top2bottom Location: 12, Test Close, Tilehurst, Reading, RG30 4DL Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	841	-	468135 173632
70	**Contemporary Trade Directory Entries** Name: Norman Bullion Location: 35, Circuit Lane, Reading, Berkshire, RG30 3HB Classification: French Polishing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NE (SE)	868	-	469108 172153
71	**Contemporary Trade Directory Entries** Name: Blinds Direct Location: 218, Waverley Road, Reading, RG30 2QG Classification: Blinds, Awnings & Canopies **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	868	-	468842 173599
72	**Contemporary Trade Directory Entries** Name: Richwood Windows Location: Southcote La, Reading, Berkshire, RG30 3BD Classification: Window Frame Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A8SE (S)	877	-	468655 171870

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	**Contemporary Trade Directory Entries** Name: Harringtons Hardware Location: 30, Coronation Square, Reading, RG30 3QN Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (SE)	888	-	468864 171936
74	**Contemporary Trade Directory Entries** Name: Oil Tank Supplies Ltd Location: Bath Rd, Reading, Berkshire, RG1 2JE Classification: Tanks, Vats & Cisterns **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A9NE (E)	890	-	469275 172382
75	**Contemporary Trade Directory Entries** Name: Allwood Sash Location: 16, Brisbane Road, Reading, RG30 2PE Classification: Windows - Sash **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	914	-	468739 173694
75	**Contemporary Trade Directory Entries** Name: Simply Sash Location: 16, Brisbane Road, Reading, RG30 2PE Classification: Windows - Sash **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	914	-	468739 173694
76	**Contemporary Trade Directory Entries** Name: P.C Tucker Plumbing & Heating Location: 9, Thurso Close, Tilehurst, Reading, RG30 4YH Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	923	-	468428 173755
77	**Contemporary Trade Directory Entries** Name: Southcote Dental Laboratories Location: 47, Circuit Lane, Reading, RG30 3HB Classification: Medical & Dental Laboratories **Status: Active** Positional Accuracy: Automatically positioned to the address	A9SE (SE)	936	-	469125 172070
78	**Contemporary Trade Directory Entries** Name: Select Dec Location: 10, Ainsdale Crescent, Reading, RG30 3NG Classification: Painting & Decorating Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	947	-	468417 171758
79	**Contemporary Trade Directory Entries** Name: The Dutchess Of Kent House Location: Dellwood Community Hospital, 22, Liebenrood Road, Reading, RG30 2DX Classification: Hospitals **Status: Active** Positional Accuracy: Automatically positioned to the address	A15SW (E)	951	-	469404 172715
80	**Contemporary Trade Directory Entries** Name: Pink Ladies Domestic Cleaning Ltd Location: Southcote, Reading, Berkshire, RG30 3HE Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A9SE (SE)	959	-	469040 171965
81	**Contemporary Trade Directory Entries** Name: Brunsden Location: 48, Vine Crescent, Reading, RG30 3LU Classification: Brake & Clutch Service Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	976	-	468243 171712
82	**Contemporary Trade Directory Entries** Name: Ovenu Newbury Location: 18, Riley Road, Tilehurst, Reading, RG30 4UX Classification: Oven cleaning **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	994	-	467810 173696
82	**Contemporary Trade Directory Entries** Name: Ovenu Location: 18, Riley Road, Tilehurst, Reading, RG30 4UX Classification: Oven cleaning **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	994	-	467810 173696

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**Contemporary Trade Directory Entries** Name: Chips Away (West Berks) Location: La Cosa Nostra, New Lane Hill, Tilehurst, Reading, Berkshire, RG30 4JN Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A11NE (W)	998	-	467244 172969
84	**Fuel Station Entries** Name: Meadway Service Station Location: The Meadway, Honey End Lane, Tilehurst, READING, Berkshire, RG30 4AD Brand: Esso Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	41	-	468468 172856
85	**Fuel Station Entries** Name: Westward Service Station Location: 330 Tilehurst Road, Tilehurst, READING, Berkshire, RG30 2NG Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	352	-	468740 173008
86	**Fuel Station Entries** Name: Southcote Express Location: 108, Bath Road, Reading, RG30 2EU Brand: ESSO Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A8NE (S)	504	-	468378 172201
87	**Fuel Station Entries** Name: Reading Service Station Location: Spey Road, Tilehurst, READING, Berkshire, RG30 4DQ Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Located by supplier to within 100m	A18NE (N)	631	-	468500 173460
88	**Fuel Station Entries** Name: Horncastle Ford Location: Bath Road, Calcot, READING, Berkshire, RG30 2HS Brand: Obsolete Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	662	-	467866 172141

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	**Local Nature Reserves** Name: Lousehill Copse Multiple Area: Y Area (m2): 130259.22 Source: Natural England Designation Date: 28th March 2012	A13NE (NE)	105	7	468426 172939
90	**Local Nature Reserves** Name: Blundells Copse Multiple Area: N Area (m2): 55548.12 Source: Natural England Designation Date: 28th March 2012	A17NW (NW)	979	7	467568 173517
91	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (NE)	105	8	468426 172939

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Reading Borough Council - Environmental Health Department	April 2014	Annual Rolling Update
Wokingham District Council - Environmental Health Department	February 2013	Annual Rolling Update
South Oxfordshire District Council - Environmental Health Department	January 2015	Annual Rolling Update
West Berkshire Council - Environmental Health Department	November 2014	Annual Rolling Update
Discharge Consents		
Environment Agency - Thames Region	January 2015	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Thames Region	March 2013	As notified
Integrated Pollution Controls		
Environment Agency - Thames Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - Thames Region	January 2015	Quarterly
Local Authority Integrated Pollution Prevention And Control		
South Oxfordshire District Council - Environmental Health Department	June 2014	Annual Rolling Update
Wokingham District Council - Environmental Health Department	June 2014	Annual Rolling Update
West Berkshire Council - Environmental Health Department	March 2014	Annual Rolling Update
Reading Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
South Oxfordshire District Council - Environmental Health Department	June 2014	Annual Rolling Update
Wokingham District Council - Environmental Health Department	June 2014	Annual Rolling Update
West Berkshire Council - Environmental Health Department	March 2014	Bi-Annually
Reading Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
South Oxfordshire District Council - Environmental Health Department	June 2014	Annual Rolling Update
Wokingham District Council - Environmental Health Department	June 2014	Annual Rolling Update
West Berkshire Council - Environmental Health Department	March 2014	Annual Rolling Update
Reading Borough Council - Environmental Health Department	October 2014	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - Thames Region	September 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Thames Region	March 2013	As notified
Prosecutions Relating to Controlled Waters		
Environment Agency - Thames Region	March 2013	As notified
Registered Radioactive Substances		
Environment Agency - Thames Region	January 2015	Quarterly
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 - Thames Region - South East Area	January 2015	Quarterly
Environment Agency - Thames Region - West Area	January 2015	Quarterly
Water Abstractions		
Environment Agency - Thames Region	October 2014	Quarterly
Water Industry Act Referrals		
Environment Agency - Thames Region	January 2015	Quarterly

Agency & Hydrological	Version	Update Cycle
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Source Protection Zones Environment Agency - Head Office	January 2015	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	October 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	October 2014	Quarterly
Flood Defences Environment Agency - Head Office	October 2014	Quarterly
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	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 - Thames Region - South East Area	February 2015	Quarterly
Environment Agency - Thames Region - West Area	February 2015	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Thames Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Thames Region - South East Area	August 2014	Quarterly
Environment Agency - Thames Region - West Area	August 2014	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Thames Region - South East Area	November 2014	Quarterly
Environment Agency - Thames Region - West Area	November 2014	Quarterly
Local Authority Landfill Coverage		
Oxfordshire County Council	May 2000	Not Applicable
Reading Borough Council - Planning	May 2000	Not Applicable
South Oxfordshire District Council - Environmental Health Department	May 2000	Not Applicable
West Berkshire Council - Environmental Health Department	May 2000	Not Applicable
Wokingham District Council - Environmental Health Department	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Oxfordshire County Council	May 2000	Not Applicable
Reading Borough Council - Planning	May 2000	Not Applicable
South Oxfordshire District Council - Environmental Health Department	May 2000	Not Applicable
West Berkshire Council - Environmental Health Department	May 2000	Not Applicable
Wokingham District Council - Environmental Health Department	October 2005	Not Applicable
Registered Landfill Sites		
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Thames Region - South East Area	March 2003	Not Applicable
Environment Agency - Thames Region - West Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	January 2015	Bi-Annually
Explosive Sites		
Health and Safety Executive	October 2014	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Reading Borough Council - Planning	December 2014	Annual Rolling Update
West Berkshire Council	February 2015	Annual Rolling Update
Oxfordshire County Council	July 2014	Annual Rolling Update
South Oxfordshire District Council - Planning Department (West)	October 2014	Annual Rolling Update
Wokingham District Council	September 2013	Annual Rolling Update
Planning Hazardous Substance Consents		
West Berkshire Council	August 2013	Annual Rolling Update
Reading Borough Council - Planning	December 2014	Annual Rolling Update
Oxfordshire County Council	July 2014	Annual Rolling Update
South Oxfordshire District Council - Planning Department (West)	October 2014	Annual Rolling Update
Wokingham District Council	September 2013	Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	October 2014	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	December 2013	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	July 2014	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	June 2014	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

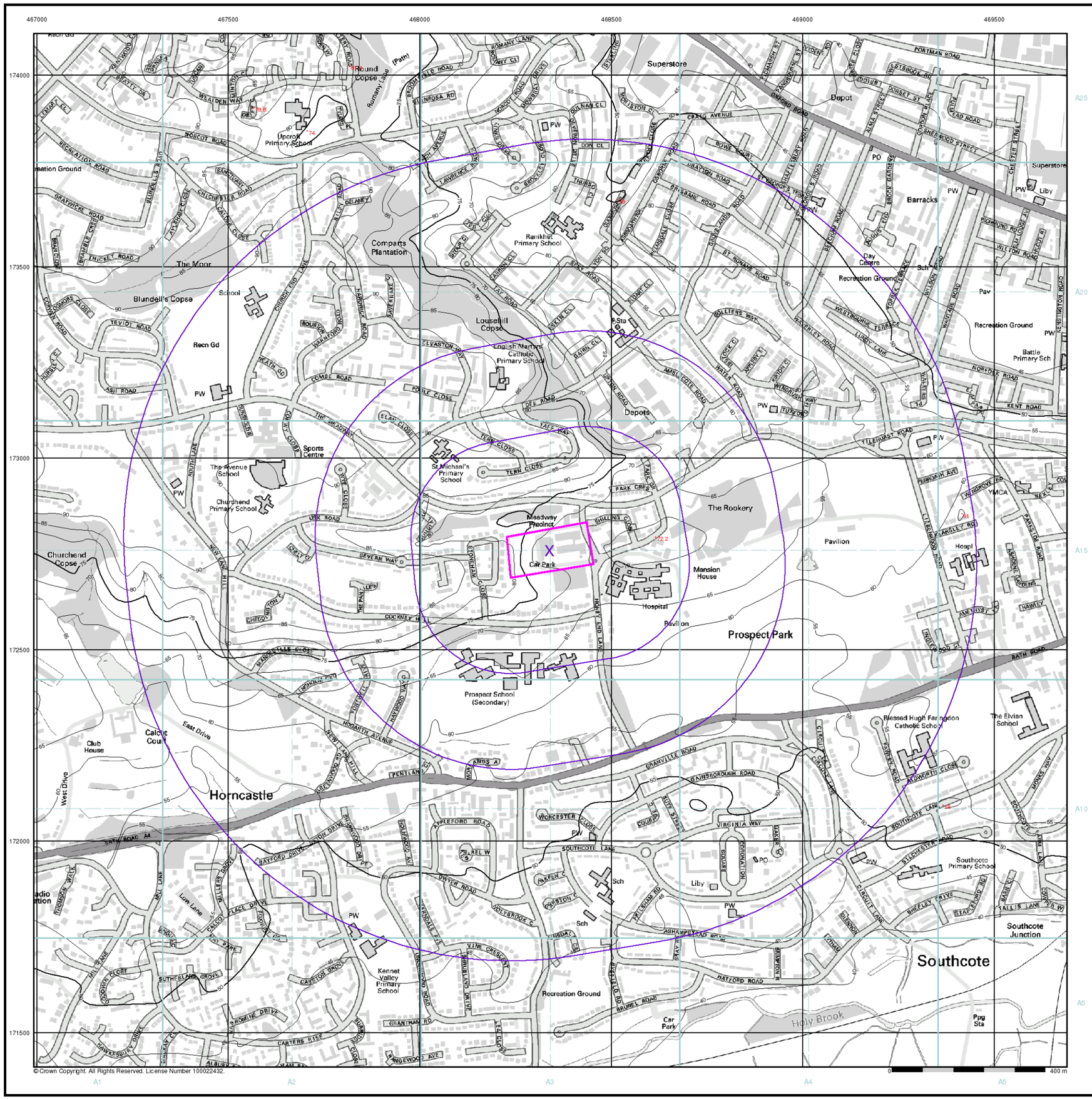
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	November 2014	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2014	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt South Oxfordshire District Council Wokingham District Council	February 2015 February 2015	As notified As notified
Areas of Unadopted Green Belt South Oxfordshire District Council Wokingham District Council	February 2015 February 2015	As notified As notified
Areas of Outstanding Natural Beauty Natural England	February 2015	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2014	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	October 2014	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	September 2014	Bi-Annually
National Parks Natural England	February 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	July 2014	Annually
Ramsar Sites Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest Natural England	September 2014	Bi-Annually
Special Areas of Conservation Natural England	March 2014	Bi-Annually
Special Protection Areas Natural England	September 2014	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	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
3	**Reading Borough Council - Environmental Health Department** Civic Centre, Reading, Hampshire, RG1 7DT	Telephone: 0118 939 9099 Fax: 0118 958 9770 Website: www.reading.gov.uk
4	**West Berkshire Council - Environmental Health Department** Council Offices, Faraday Road, Newbury, Berkshire, RG14 2AF	Telephone: 01635 42400 Fax: 01635 519431 Website: www.westberks.gov.uk
5	**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
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	**Natural England** Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	**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
9	**Reading Borough Council - Planning** Civic Centre, READING, Hampshire, RG1 7TD	Telephone: 0118 939 0900 Fax: 0118 958 9770 Website: www.reading.gov.uk
-	**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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Envirocheck® Flood

EA/NRW Flood Data Map (1:10,000)

General

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

Flood Data

- 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

Contours (height in meters)

Standard Contour 105 100 95

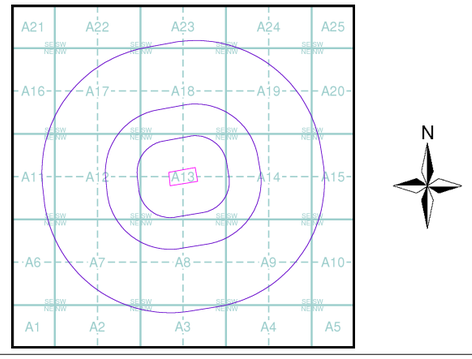
Master Contour

Spot Height *167.8

MLW Mean Low Water

MHW Mean High Water

EA/NRW Flood Data Map - Slice A



Order Details

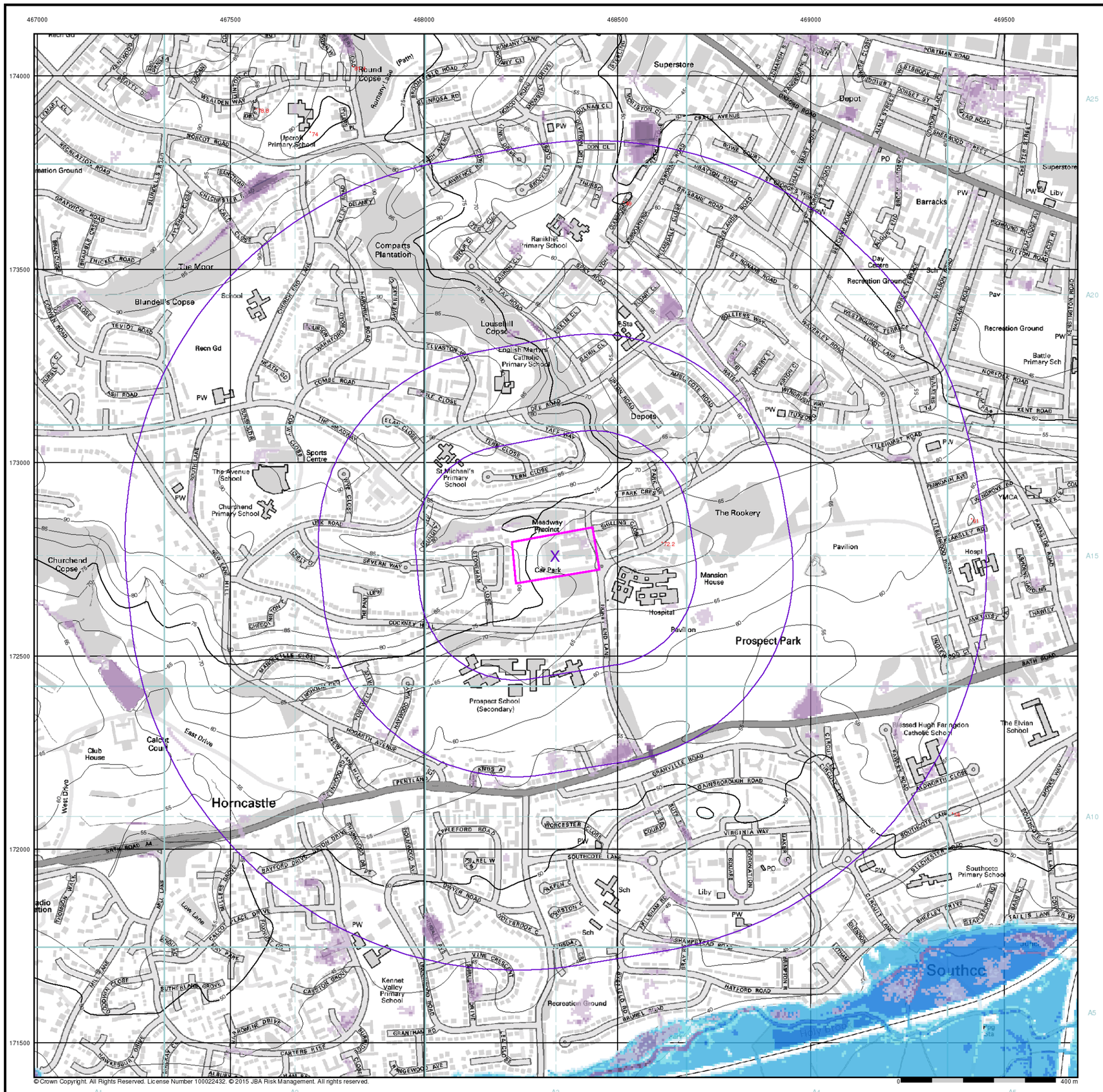
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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Envirocheck® Flood

JBA 75 Year Return Flood Map (Undefended) (1:10,000)

General

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

Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
< 1cm	0.5mm - 10cm	< 10cm
1cm - 10cm	10cm - 30cm	10cm - 30cm
10cm - 30cm	30cm - 1m	30cm - 1m
30cm - 1m	>1m	>1m
>1m		

Contours (height in meters)

Standard Contour 105 100 95

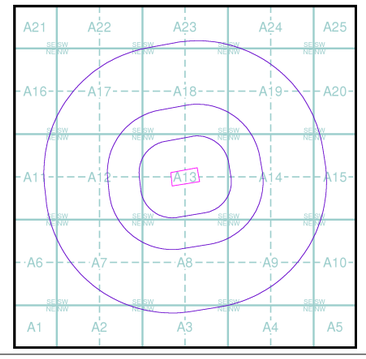
Master Contour

Spot Height *167.8

MLW Mean Low Water

MHW Mean High Water

JBA 75 Year Return Flood Map (Undefended) - Slice A



Order Details

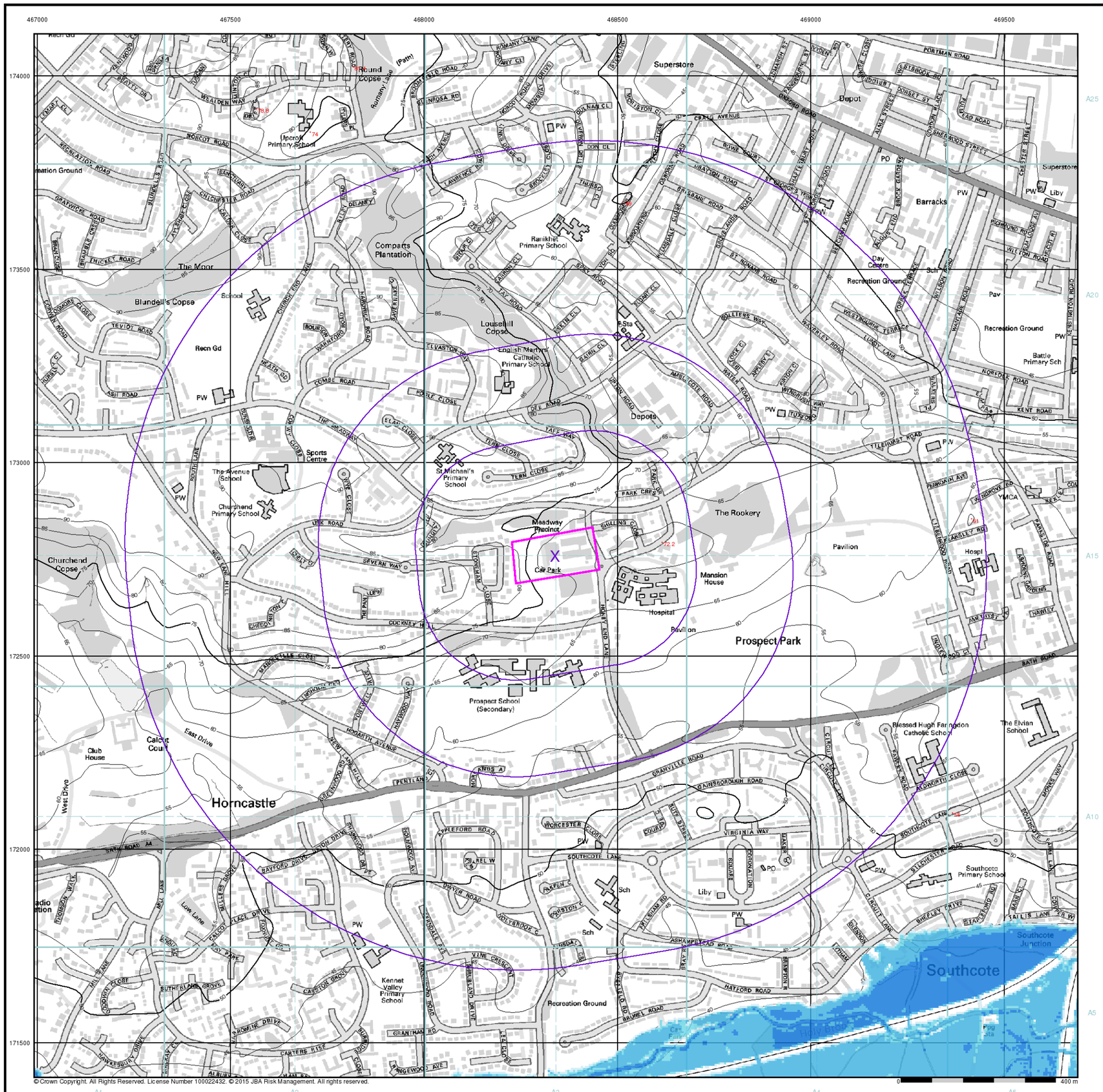
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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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Site at 468400, 172760

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Envirocheck® Flood

JBA 100 Year Return Flood Map (Undefended) (1:10,000)

General

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

Modelled Flood Depth

Fluvial Depth	Coastal Depth
0.5mm - 10cm	< 10cm
10cm - 30cm	10cm - 30cm
30cm - 1m	30cm - 1m
>1m	>1m

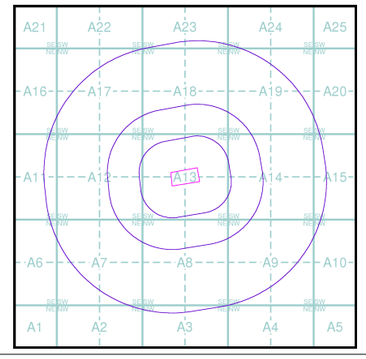
Contours (height in meters)

Standard Contour 105 100 95 — MLW Mean Low Water

Master Contour — MHW Mean High Water

Spot Height *167.8

JBA 100 Year Return Flood Map (Undefended) - Slice A



Order Details

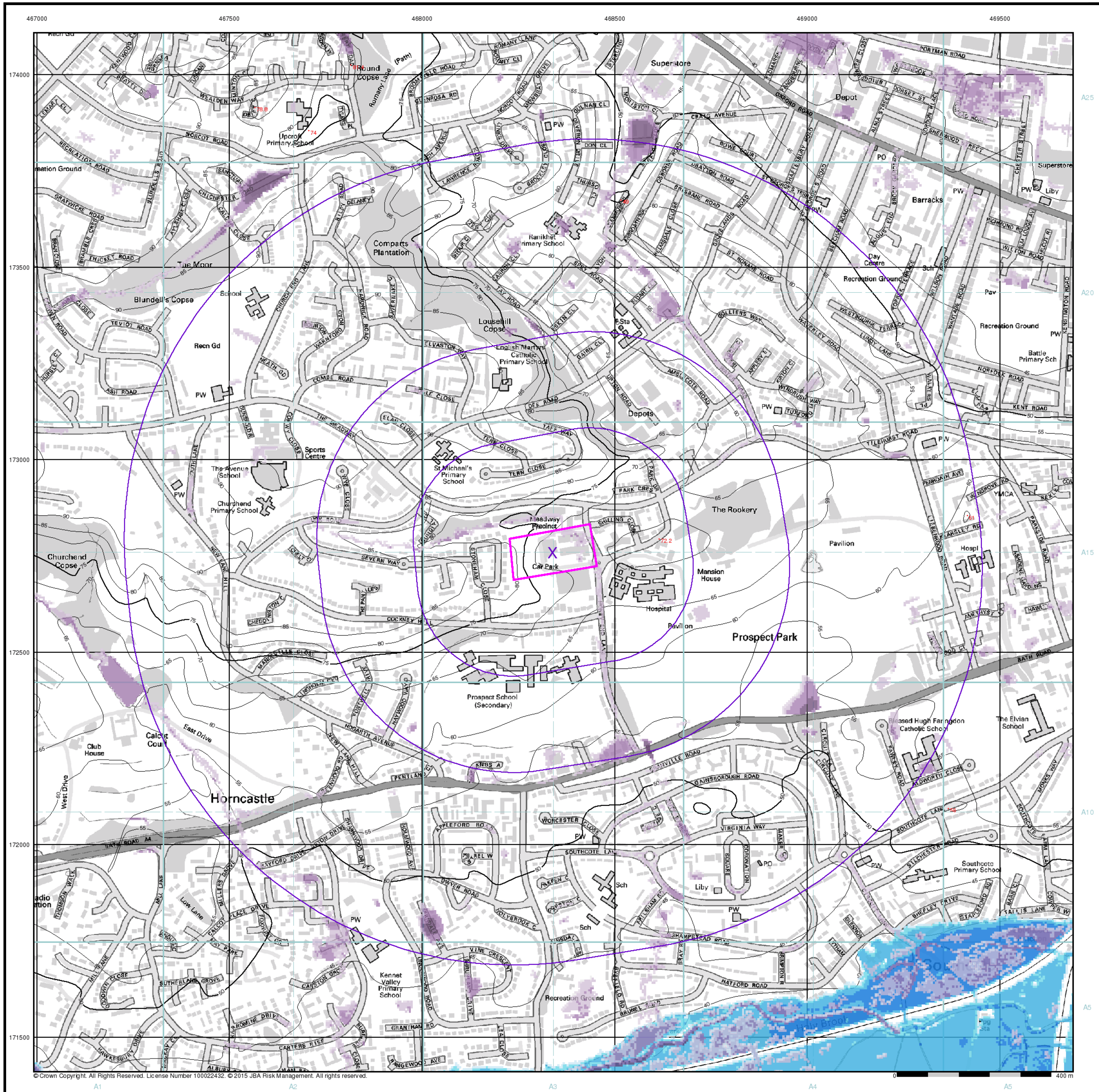
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

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A1 A2 A3 A4 A5

Envirocheck® Flood

JBA 200 Year Return Flood Map (Undefended) (1:10,000)

General

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

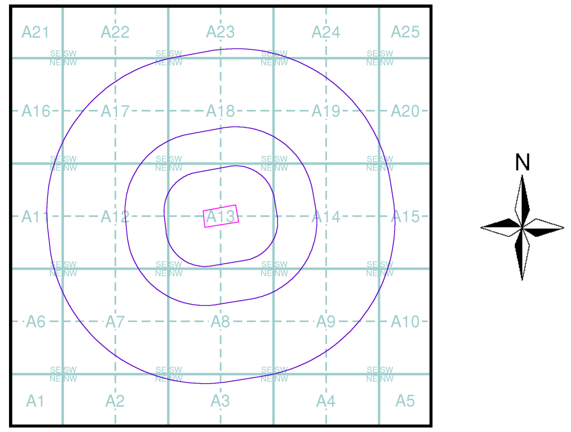
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
< 1cm	0.5mm - 10cm	< 10cm
1cm - 10cm	10cm - 30cm	10cm - 30cm
10cm - 30cm	30cm - 1m	30cm - 1m
30cm - 1m	>1m	>1m
>1m		

Contours (height in meters)

Standard Contour
Master Contour
Spot Height 167.8
MLW Mean Low Water
MHW Mean High Water

JBA 200 Year Return Flood Map (Undefended) - Slice A

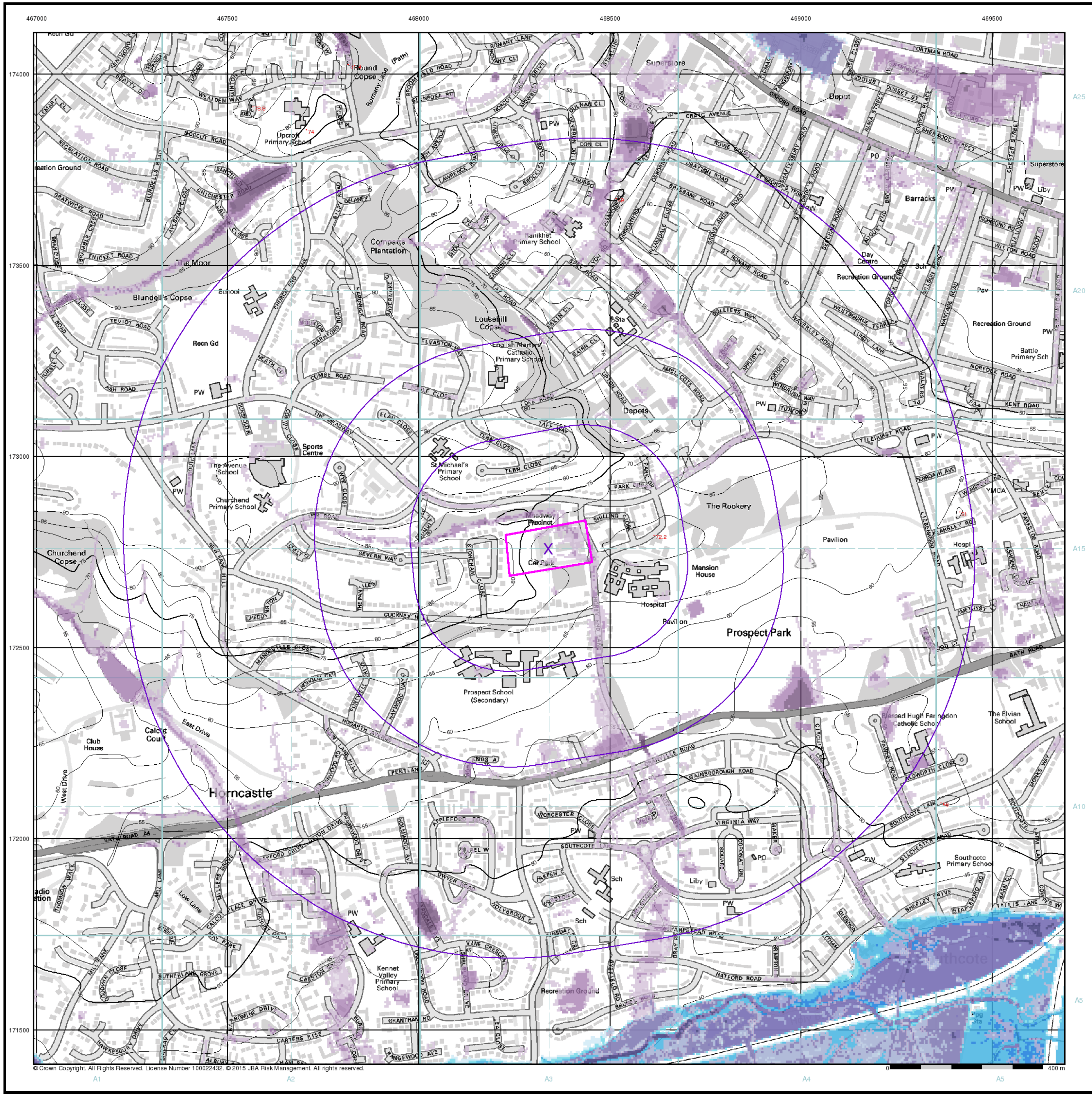


Order Details

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Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

Site at 468400, 172760



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Envirocheck® Flood

JBA 1000 Year Return Flood Map (Undefended) (1:10,000)

General

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

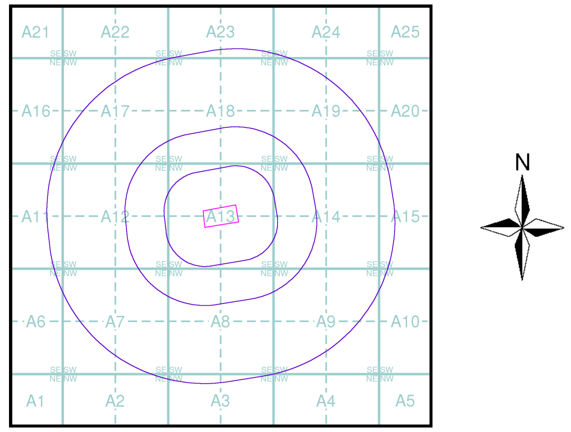
Modelled Flood Depth

Pluvial Depth	Fluvial Depth	Coastal Depth
< 1cm	0.5mm - 10cm	< 10cm
1cm - 10cm	10cm - 30cm	10cm - 30cm
10cm - 30cm	30cm - 1m	30cm - 1m
30cm - 1m	>1m	>1m
>1m		

Contours (height in meters)

- Standard Contour (105)
- Master Contour (100, 95)
- Spot Height (167.8)
- MLW Mean Low Water
- MHW Mean High Water

JBA 1000 Year Return Flood Map (Undefended) - Slice A



Order Details

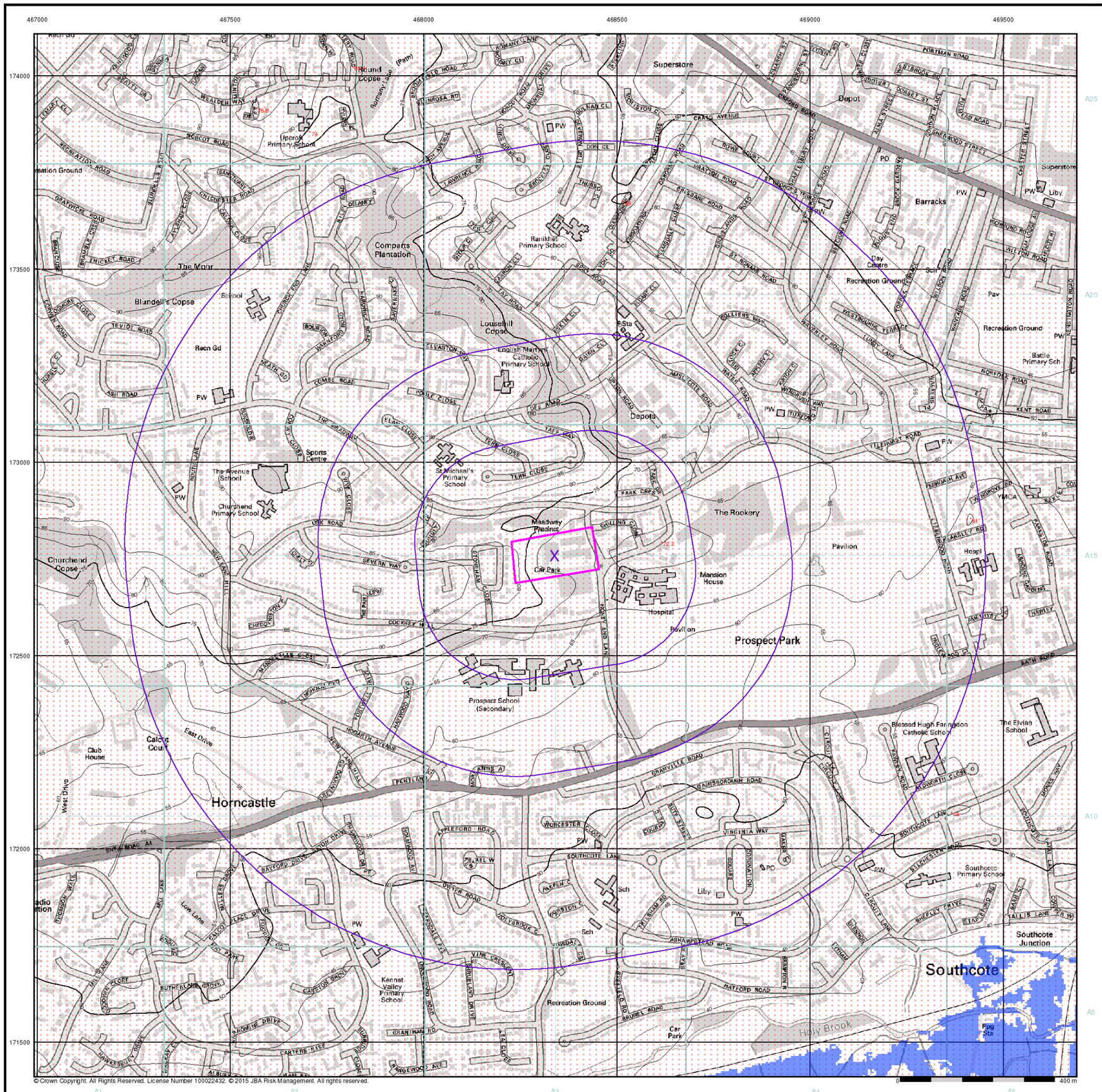
Order Number: 65211460_1_1
Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

Site at 468400, 172760

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Envirocheck® Flood

JBA Canal Failure Map (1:10,000)

General

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

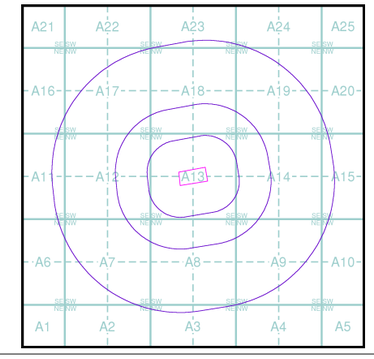
Flood Data

- Canal Failure
- Coverage

Contours (height in meters)

- Standard Contour
- Master Contour
- Spot Height 167.8
- MLWV Mean Low Water
- MHWV Mean High Water

JBA Canal Failure Flood Map - Slice A



Order Details

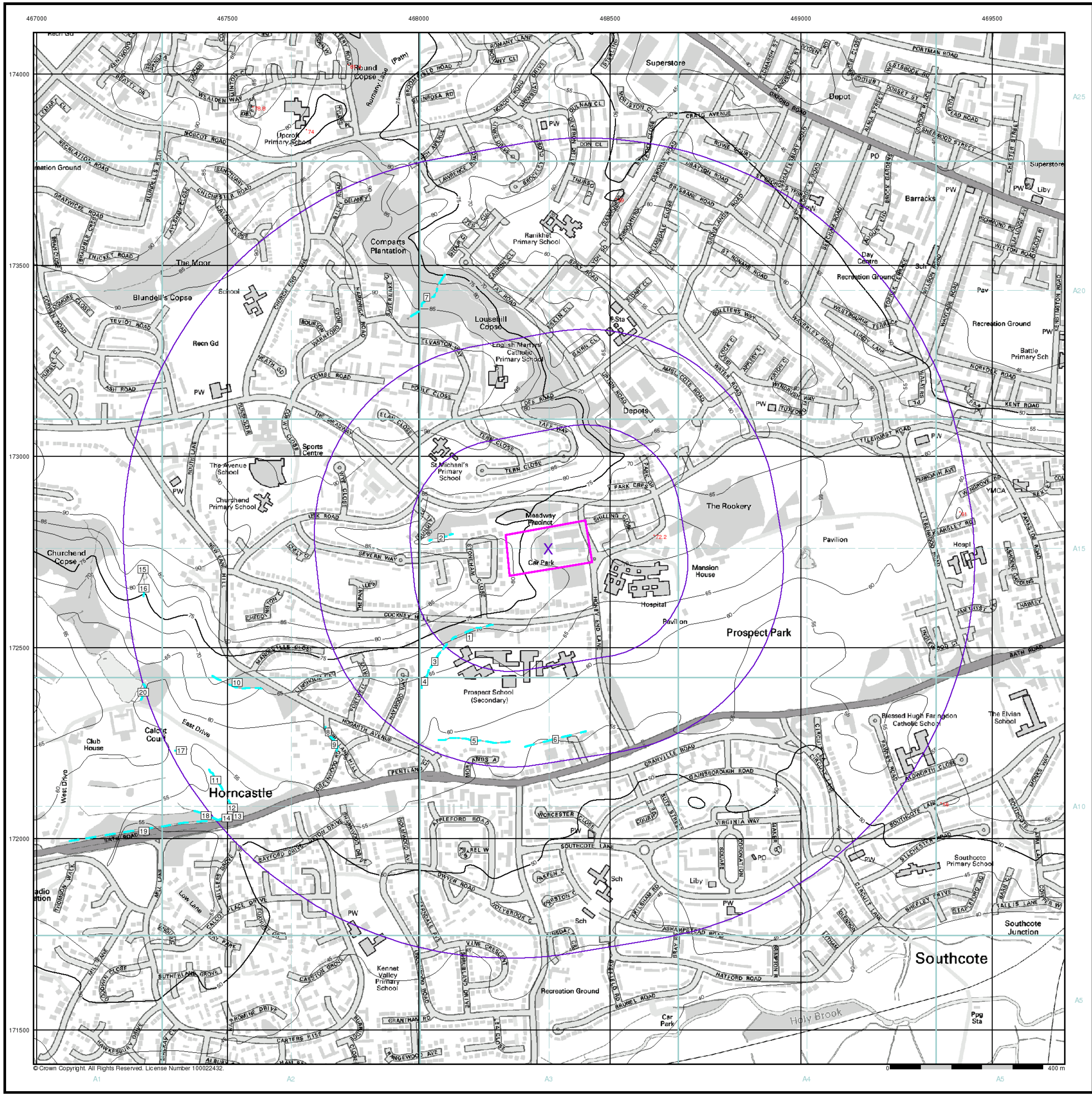
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Envirocheck Flood

Detailed River Network Map (1:10,000)

General

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

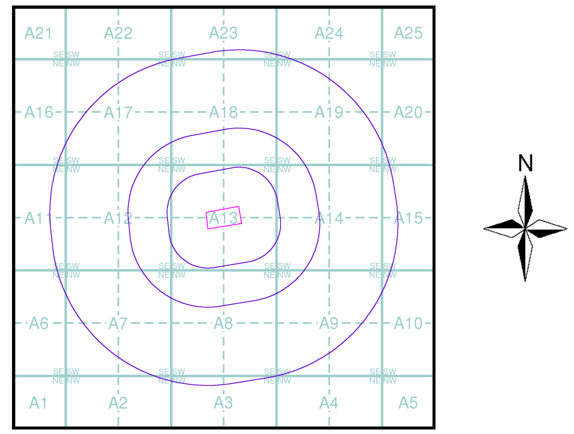
Detailed River Network Data

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	
Source	Not assigned River feature
Junction	Pseudo Node (general)
Sink	Pseudo Node (High Water Mark)
Non-interactive Node	Pseudo Node (OS MasterMap polygon boundary)
Offline Drainage Feature	

Contours (height in meters)

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

Detailed River Network Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Envirocheck® Flood

EA/NRW Historic Flood Map (1:10,000)

General

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

Historic Flood Events Data

- Channel Capacity Exceeded (no raised defences)
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Unknown

- Historical Flood Liabilities

Contours (height in meters)

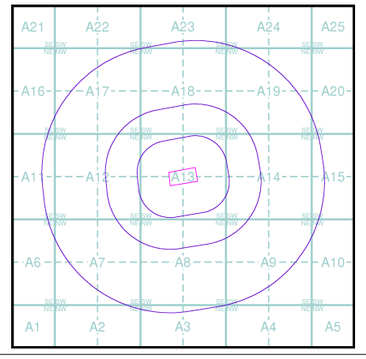
Standard Contour 105 100 95

Master Contour

Spot Height *167.8

- MLW Mean Low Water
- MHW Mean High Water

EA/NRW Historic Flood Map - Slice A



Order Details

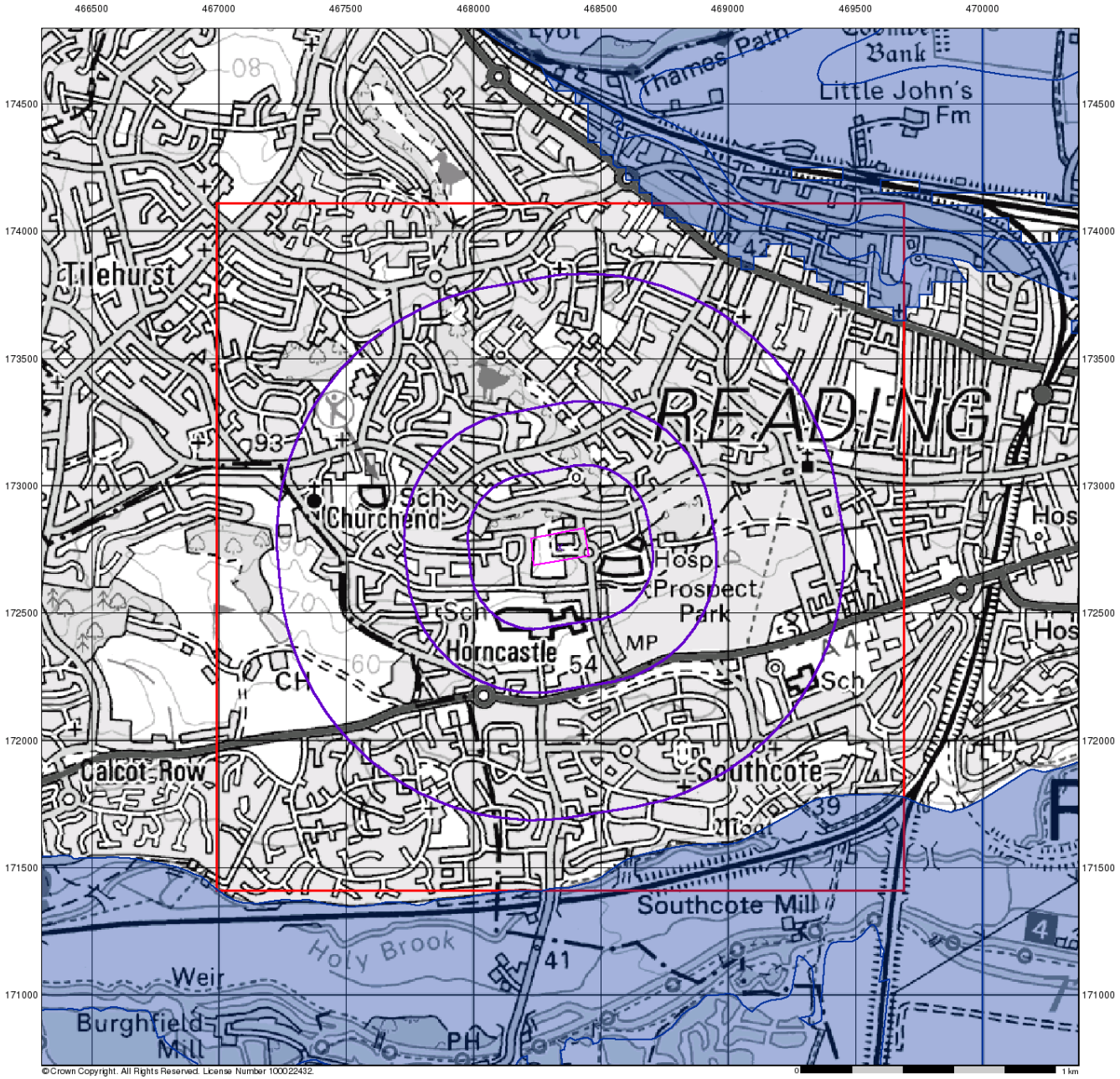
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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Envirocheck® Flood

BGS Flood Data (1:50,000)

General

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

Slice | Map ID

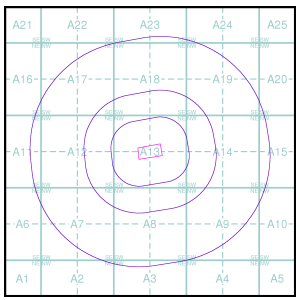
BGS Geological Indicators of Flooding

Coastal

Inland

Bodies of Water

BGS Flood Data Map - Slice A



Order Details

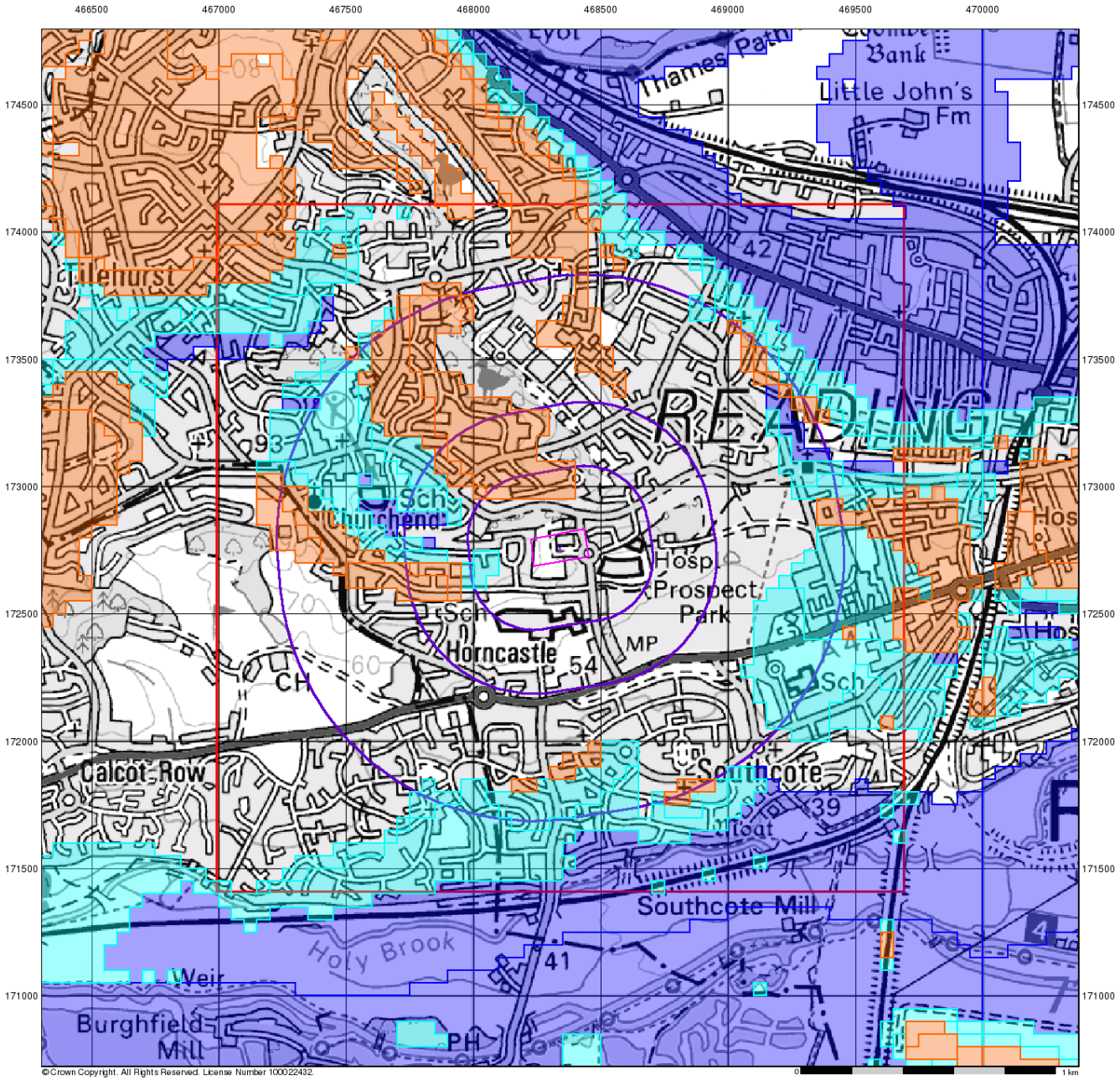
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National Grid Reference:	468340, 172760
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Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Web: www.envirocheck.co.uk



Envirocheck® Flood

BGS Flood Data (1:50,000)

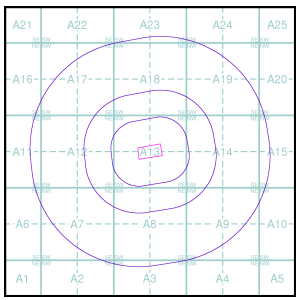
General

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

BGS Groundwater Flooding Susceptibility

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

BGS Flood Data Map - Slice A



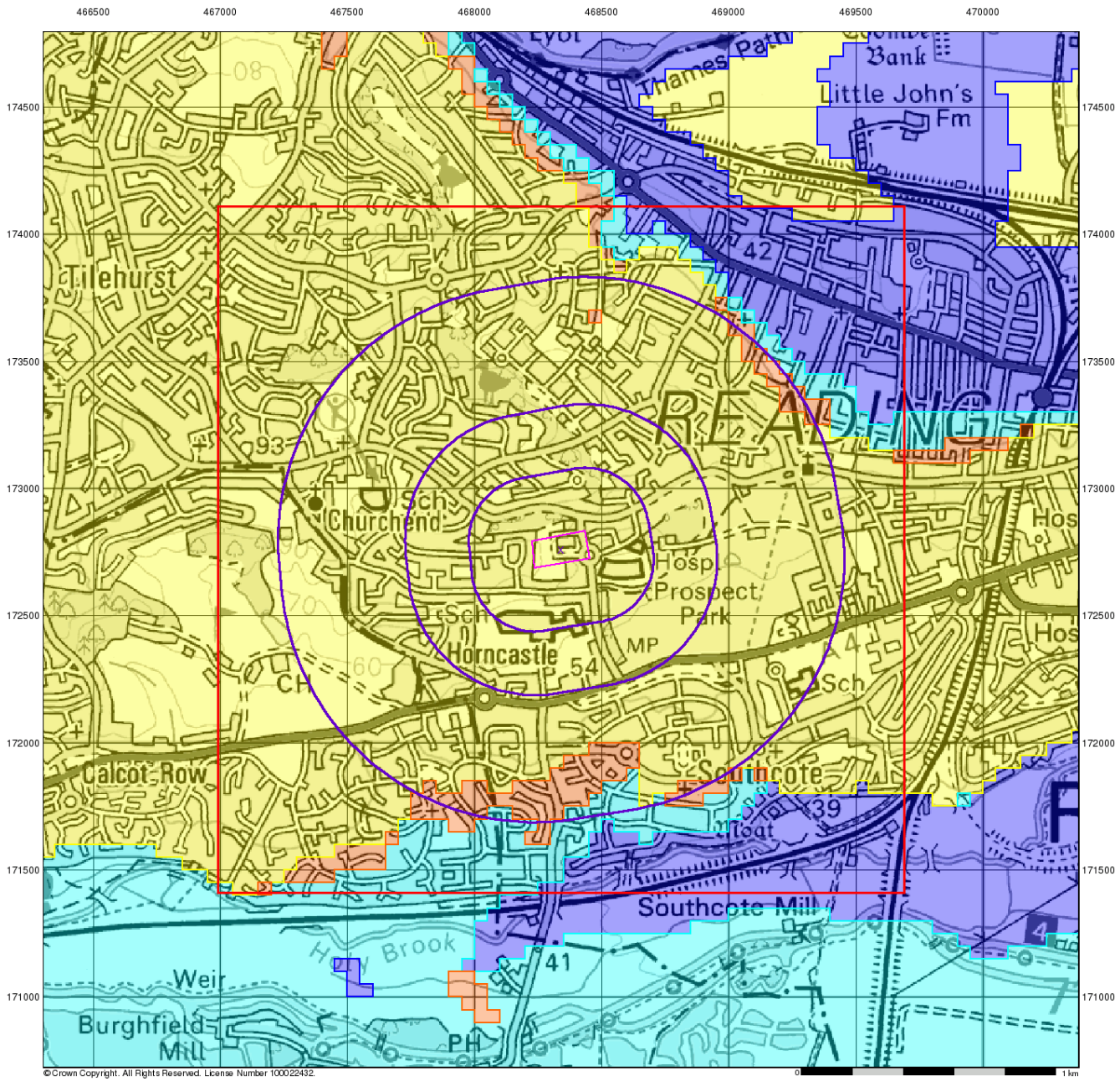
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Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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Envirocheck® Flood

ESI Groundwater Flood Map (1:50,000)

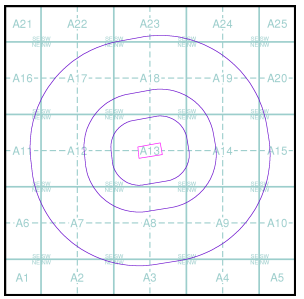
General

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

ESI Groundwater Flooding Risk

- High Risk
- Moderate Risk
- Low Risk
- Negligible Risk

ESI Groundwater Flood Map - Slice A



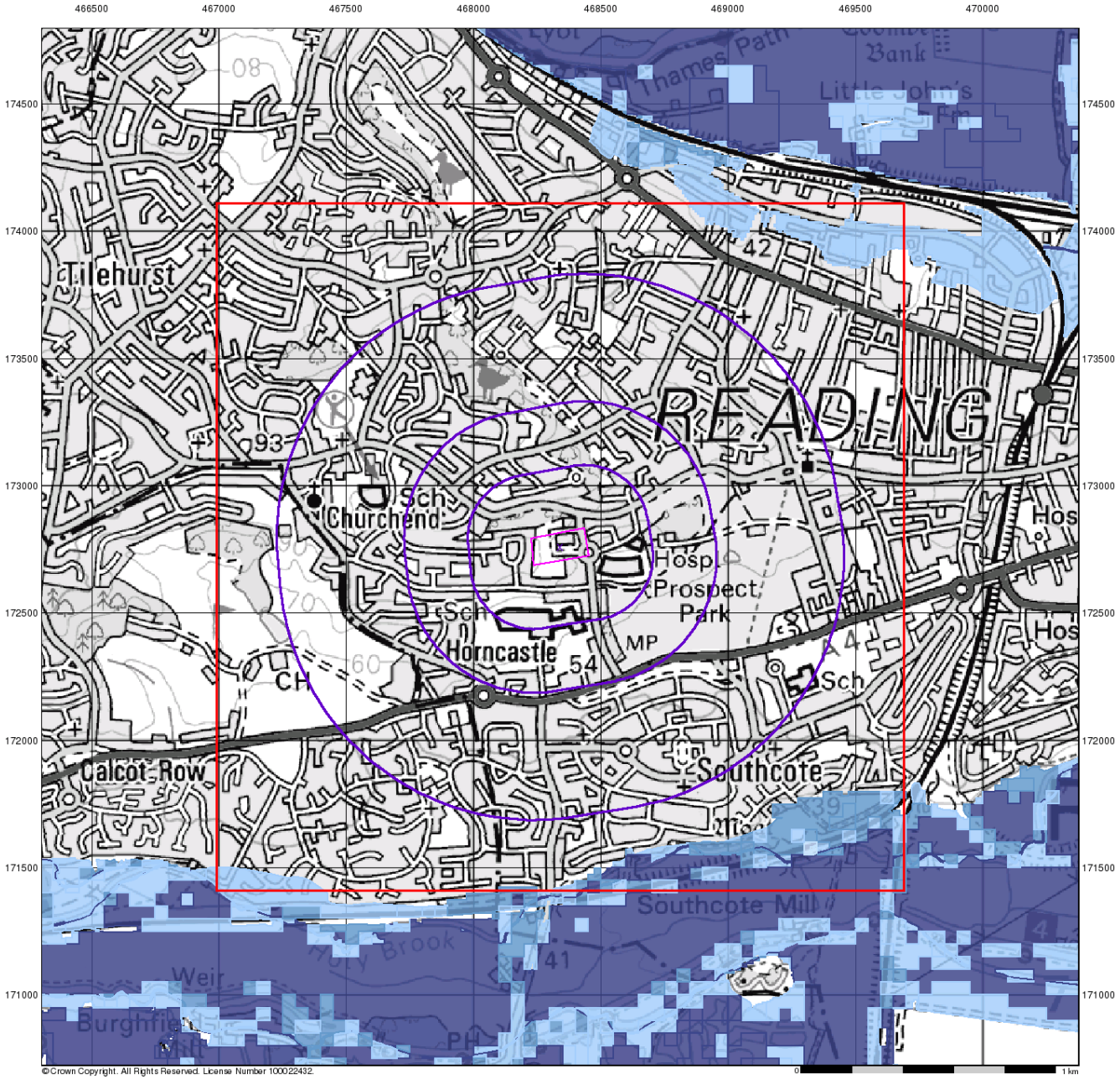
Order Details

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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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Envirocheck® Flood

EA/NRW RoFRS Data (1:50,000)

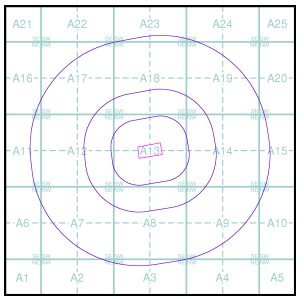
General

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

Risk of Flooding from Rivers and Sea (RoFRS)

- High Risk
- Medium Risk
- Low Risk
- Very Low Risk

EA/NRW RoFRS Data Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

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Envirocheck® Report:

Flood Screening Report Datasheet

Order Details:

Order Number:
65211460_1_1

Customer Reference:
L00628

National Grid Reference:
468340, 172760

Slice:
A

Site Area (Ha):
2.35

Search Buffer (m):
1000

Site Details:

Site at 468400, 172760

Client Details:

Ms T Paice
Scott-White & Hookins LLP
London House
42 West Street
Carshalton
Surrey
SM5 2PR

Envirocheck® Flood

Contents

Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer(s) selected. For ease of reference, the report is broken down into seven sections of data.	
EA / NRW / CEH Flood Data	-
This section details data from the Environment Agency/Natural Resources Wales and the Centre for Ecology and Hydrology. The EA/NRW data is reported to a distance of 250m from the edge of the site polygon and details both Zone 2 (extreme) and Zone 3 flood extents, as well as flood defences, flood water storage areas and areas benefiting from flood defences. The CEH data is reported to a distance of 250m from the edge of the site polygon and covers flood data for Scotland, divided into levels based on the frequency and magnitude of a predicted 100 year term. All data sets within this section are plotted and feature on the EA / NRW / CEH Flood Data (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
JBA Flood Data	1
This section contains the Comprehensive Flood Map ("CFM") data from JBA Risk Management Limited. The data is based upon the likelihood of a flood occurrence for up to 4 flood return periods depending on the type of flooding; these being 75 years, 100 years, 200 years and 1000 years. Each layer being modelled at a 5m cell resolution. Each return period is depicted on a separate 1:10,000 scale map and reports features to a distance of 250m in the datasheet from the edge of the site polygon. For each return period the following three sources of flooding are identified, surface water or pluvial flooding, undefended river flooding or fluvial flooding and undefended coastal flooding. In each case the extent of the flooding source is displayed with the associated depth range. In addition, a 1:10,000 scale map depicting flooding from a Canal Failure and a coverage check for this dataset is included. Where coverage exists, information is reported in the datasheet where the site could be affected by flooding that results from a dam breach. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.	
BGS Flood Data	14
This section contains two BGS data sets; namely Geological Indicators of Flooding and Groundwater Flooding Susceptibility, both of which report features out to a possible 1000m, with coverage in England, Wales and Scotland. Each data set is plotted on a seperate BGS Flood Data (1:50,000) map.	
ESI Groundwater Flood Data	17
This section contains data provided by ESI who, building on their expertise, have developed algorithms and calibrated predictions of the risk of groundwater flooding occurring in Great Britain. The resulting map, classifies groundwater flood risk for each 50m x 50m into four categories, negligible, low, moderate and high. These classifications are based on the level of risk, combining severity and uncertainty that a site will suffer groundwater flooding within a return period of about 200 years.	
EA/NRW Detailed River Network Data	18

This section details 3 sources of data that depict and detail the river network of England and Wales, captured primarily from the water features theme of Ordnance Survey's OS MasterMap Topography Layer.

The DRN Lines data set details all the types of rivers, drains and streams which can be found in England and Wales.

The DRN Nodes data set details the river, drain and stream node intersections which divide the detailed river network data. All nodes are defined as being one of the following: A source, sink, junction, or pseudo node, interactions or not assigned.

The DRN Offline Drainage dataset details water features from OS MasterMap that do not connect into the river network and are generally limited in length.

All data sets within this section are plotted and feature on the EA/NRW Detailed River Network (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.

EA/NRW Historic Flood Events Data	**-**

This section details Historic Flood data sourced from the Environment Agency/Natural Resources Wales and from data held by Landmark. The EA/NRW Historic Flood Events data is reported to a distance of 1000m from the edge of the site polygon and details recorded historic flood events from 1703 to October 2008. The data also contains information on the source and cause of the flood, and how the flood outline was established.

Also included in this section is Landmark's Historical Flood Liabilities data set, which identifies areas that are liable to flood based on systematic analysis of historical mapping dating back to the mid 19th century.

Both data sets within this section are plotted and feature on the EA/NRW Historical Flood (1:10,000) map. For added value, OS Contour data is also plotted, detailing contours, spot heights and land water boundaries.

EA/NRW RoFRS Data	**-**

This section details the Risk of Flooding from Rivers and Sea (RoFRS) data sourced from the Environment Agency/Natural Resources Wales and is reported to a distance of 1000m from the edge of the site polygon. The RoFRS data provides an indication of areas of land at risk of flooding from rivers and the sea. These areas of land, called impacted cells, are represented as 50 metre squares, or smaller areas where a square is intersected by a river or coastline.

The average height information of the impacted cell, modelled river and sea levels and information about over 200,000 flood defences are used as inputs to a computer flood model run by the Environment Agency/Natural Resources Wales. The model compares the probability that the flood defences will overtop or breach and the distance of the impact cell from the river or the sea for 40 scenarios for probabilities of between 100% to 0.1%.

The results are then consolidated to calculate a single probability category for each impacted cell. These results have been validated by local staff using their local knowledge and expertise. RoFRS is a national flood risk assessment and does not contain information about property thresholds. Due to variations in the input data and the performance of the computer flood model at particular locations, the resulting category of an impacted cell should only be used at a specific study scale. In certain areas it would only be appropriate to compare risks between towns and counties whereas in other areas they would be more suitable for understanding risk at a street level. The level of suitability for a particular cell is indicated by the cell's suitability scale.

The data within this section is plotted and feature on the EA/NRW RoFRS Data (1:50,000) map. This dataset is not available in Scotland.

Flood Insurance Risk Data	**19**

This section contains flood risk data from Crawford and Company. This dataset is not plotted on any of the associated Flood maps.

Crawford & Co have generated an Insurance Claims rating for Flood Risk. The risk is determined by comparing the number of flood insurance claims made to the number of properties in the postcode sector. The data will also include flood claims from domestic accidents or blocked drains, as well as flooding from river or tidal events. Flood insurance claim ratings are reported for the site only.

Data Currency	**20**
Data Suppliers	**22**
Useful Contacts	**23**

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Envirocheck® Flood

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
EA / NRW / CEH Flood Data					
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
JBA Flood Data					
JBA 75 Year Return (undefended) - Pluvial	pg 1	4	29	n/a	n/a
JBA 75 Year Return (undefended) - Fluvial				n/a	n/a
JBA 75 Year Return (undefended) - Coastal				n/a	n/a
JBA 100 Year Return (undefended) - Fluvial				n/a	n/a
JBA 100 Year Return (undefended) - Coastal				n/a	n/a
JBA 200 Year Return (undefended) - Pluvial	pg 2	34	80	n/a	n/a
JBA 200 Year Return (undefended) - Fluvial				n/a	n/a
JBA 200 Year Return (undefended) - Coastal				n/a	n/a
JBA 1000 Year Return (undefended) - Pluvial	pg 7	23	94	n/a	n/a
JBA 1000 Year Return (undefended) - Fluvial				n/a	n/a
JBA 1000 Year Return (undefended) - Coastal				n/a	n/a
JBA Canal Failure					
JBA Dam Break					
BGS Flood Data					
BGS Geological Indicators of Flooding					
BGS Groundwater Flooding Susceptibility	pg 14		4	8	46
ESI Groundwater Flood Data					
ESI Groundwater Flood Risk	pg 17	1			7
EA/NRW Detailed River Network Data					
Detailed River Network Lines					
Detailed River Network Nodes					
Detailed River Network Offline Drainage	pg 18		2	4	14
EA/NRW Historic Flood Events Data					
Historic Flood Events					
Historical Flood Liabilities					
EA/NRW RoFRS Data					
RoFRS - Risk of Flooding from Rivers and Sea					
Flood Insurance Risk Data					
Postcode Sector Flood Insurance Claim Ratings	pg 19	1	n/a	n/a	n/a

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468360 172805
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468400 172800
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468425 172795
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	1	468405 172775
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	1	1	468360 172820
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	38	1	468215 172830
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	40	1	468250 172840
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	42	1	468220 172835
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	56	1	468180 172825
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	66	1	468175 172835
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	1	468160 172820
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	1	468165 172830
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	93	1	468460 172630
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	99	1	468465 172625
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	103	1	468125 172810
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	113	1	468115 172810
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	115	1	468115 172820
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	119	1	468110 172815
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	122	1	468105 172800
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	132	1	468095 172800
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	132	1	468095 172795
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	133	1	468095 172805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	133	1	468095 172810
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	143	1	468085 172805
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	152	1	468075 172795
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	157	1	468070 172790
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	172	1	468055 172790
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	177	1	468050 172790
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	182	1	468045 172785
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	189	1	468615 172625
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	195	1	468625 172630
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	197	1	468030 172780
	JBA 75 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	242	1	468175 172455
	JBA 75 Year Return (undefended) - Fluvial None				
	JBA 75 Year Return (undefended) - Coastal None				
	JBA 100 Year Return (undefended) - Fluvial None				
	JBA 100 Year Return (undefended) - Coastal None				
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (E)	0	1	468430 172785
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468410 172758
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468445 172758
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468445 172730
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	0	1	468410 172785
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468430 172740
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468440 172735
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468445 172735

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468395 172805
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468400 172755
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468435 172730
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468365 172800
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468385 172800
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468400 172800
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (NE)	0	1	468410 172800
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (E)	0	1	468395 172775
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	1	468400 172775
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468440 172730
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13SE (E)	0	1	468400 172750
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	0	1	468435 172780
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (NE)	0	1	468395 172795
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468425 172795
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468400 172745
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	0	1	468405 172745
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468450 172750
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (N)	0	1	468360 172815
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (NE)	0	1	468390 172815
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (NW)	0	1	468320 172790
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NE (NE)	0	1	468385 172790
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468405 172750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13SE (E)	0	1	468450 172740
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (N)	0	1	468350 172810
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (NE)	0	1	468400 172810
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (NE)	0	1	468385 172785
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	1	1	468450 172758
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	1	1	468360 172820
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	4	1	468455 172740
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13SE (E)	7	1	468445 172715
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	12	1	468445 172710
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	13	1	468450 172710
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	14	1	468455 172710
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	19	1	468455 172705
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (N)	21	1	468355 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	23	1	468450 172700
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	24	1	468455 172695
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (N)	30	1	468360 172850
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (N)	32	1	468330 172845
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	33	1	468455 172690
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	33	1	468295 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	34	1	468320 172845
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (NW)	34	1	468290 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	36	1	468280 172840

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (N)	37	1	468339 172855
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	37	1	468275 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	38	1	468215 172830
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	38	1	468270 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	39	1	468290 172845
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	39	1	468235 172835
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (N)	40	1	468305 172850
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	40	1	468250 172840
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	42	1	468220 172835
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	44	1	468460 172680
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (N)	45	1	468310 172855
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (NW)	52	1	468190 172830
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	52	1	468185 172825
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	66	1	468175 172835
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	67	1	468165 172820
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	69	1	468460 172655
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	72	1	468165 172830
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	76	1	468160 172830
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	78	1	468455 172645
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (W)	79	1	468155 172825
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	94	1	468135 172810
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	98	1	468130 172805

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13SE (SE)	98	1	468455 172625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	107	1	468455 172615
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	108	1	468120 172805
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	114	1	468115 172815
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (W)	120	1	468110 172820
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	127	1	468455 172595
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	133	1	468095 172805
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	133	1	468095 172810
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	142	1	468085 172795
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	143	1	468085 172805
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	148	1	468465 172575
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	152	1	468075 172795
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	152	1	468075 172790
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	172	1	468055 172795
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	172	1	468055 172790
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	177	1	468050 172790
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	181	1	468450 172540
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	182	1	468045 172780
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	182	1	468045 172785
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	189	1	468615 172625
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	191	1	468455 172530
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	192	1	468460 172530

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	195	1	468625 172630
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	196	1	468455 172525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	197	1	468030 172775
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	197	1	468460 172525
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (W)	197	1	468030 172785
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (W)	203	1	468025 172775
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	208	1	468020 172770
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A13NW (W)	213	1	468015 172770
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	217	1	468460 172505
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	218	1	468470 172505
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	218	1	468465 172505
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NW (W)	223	1	468005 172770
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (W)	234	1	467995 172760
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12NE (W)	238	1	467990 172765
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	242	1	468175 172455
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	242	1	468465 172480
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Less than or equal to 0.01m	A12NE (W)	243	1	467985 172770
	JBA 200 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A12NE (W)	248	1	467980 172765
	JBA 200 Year Return (undefended) - Fluvial None				
	JBA 200 Year Return (undefended) - Coastal None				
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468360 172805
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468400 172800
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	0	1	468350 172740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	0	1	468360 172745
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	0	1	468400 172750
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	0	1	468315 172795
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	0	1	468320 172795
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (E)	0	1	468405 172765
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468445 172740
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13NE (E)	0	1	468425 172790
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468390 172815
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	0	1	468310 172785
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	0	1	468320 172785
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (E)	0	1	468405 172785
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (E)	0	1	468405 172758
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468445 172758
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	0	1	468445 172760
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468380 172810
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (NE)	0	1	468405 172810
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	0	1	468320 172730
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	0	1	468365 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	0	1	468435 172730
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	0	1	468450 172755
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (E)	5	1	468450 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (E)	9	1	468455 172715

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	15	1	468450 172695
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (N)	18	1	468370 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	27	1	468350 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	28	1	468340 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	31	1	468255 172830
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	32	1	468300 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	33	1	468295 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	33	1	468345 172850
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	33	1	468455 172690
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (N)	34	1	468320 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	34	1	468210 172825
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	35	1	468339 172850
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	35	1	468230 172830
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	36	1	468245 172835
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NE (N)	37	1	468350 172855
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	37	1	468220 172830
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	38	1	468270 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (N)	39	1	468320 172850
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	40	1	468260 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	40	1	468210 172830
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	41	1	468195 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	42	1	468275 172845

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	42	1	468245 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	43	1	468270 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	43	1	468455 172680
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	45	1	468260 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	45	1	468210 172835
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (NW)	45	1	468195 172825
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	46	1	468225 172840
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	46	1	468350 172660
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	50	1	468230 172845
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	50	1	468185 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (S)	57	1	468355 172650
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (S)	58	1	468360 172650
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13NW (W)	61	1	468175 172825
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	64	1	468460 172660
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (NW)	73	1	468210 172865
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	73	1	468455 172650
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	75	1	468155 172815
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	81	1	468155 172830
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	83	1	468150 172825
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (E)	87	1	468540 172730
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	88	1	468460 172635
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	102	1	468125 172800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	103	1	468125 172805
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	114	1	468115 172815
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	114	1	468465 172610
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	115	1	468115 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	120	1	468110 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	130	1	468100 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	137	1	468090 172790
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	140	1	468090 172820
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	152	1	468075 172790
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	156	1	468560 172925
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	156	1	468480 172570
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 1.0m	A13NW (W)	157	1	468070 172790
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	160	1	468475 172565
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	162	1	468455 172560
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	167	1	468060 172795
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	167	1	468060 172790
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	177	1	468050 172785
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	177	1	468050 172780
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.01m and Less than or equal to 0.1m	A13SE (SE)	178	1	468465 172545
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	178	1	468050 172775
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	180	1	468480 172545
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	182	1	468045 172790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	189	1	468620 172635
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	189	1	468615 172625
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	191	1	468625 172640
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	192	1	468460 172530
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	193	1	468035 172775
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SE (SE)	195	1	468625 172630
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	197	1	468030 172780
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	200	1	468615 172920
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	203	1	468025 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	207	1	468020 172780
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	212	1	468625 172925
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	213	1	468015 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13NW (W)	218	1	468010 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NW (W)	219	1	468010 172765
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	222	1	468465 172500
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	225	1	468630 172945
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12NE (W)	228	1	468000 172770
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	231	1	468545 173035
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	234	1	468185 172460
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12SE (W)	234	1	467995 172760
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	237	1	468465 172485
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A12NE (W)	238	1	467990 172765

JBA Flood Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13NE (NE)	239	1	468650 172935
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.1m and Less than or equal to 0.3m	A13SW (SW)	242	1	468175 172455
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SE (SE)	247	1	468465 172475
	JBA 1000 Year Return (undefended) - Pluvial Flood Depth: Greater than 0.3m and Less than or equal to 1.0m	A13SW (SW)	249	1	468165 172450
	JBA 1000 Year Return (undefended) - Fluvial None				
	JBA 1000 Year Return (undefended) - Coastal None				
	JBA Canal Failure Coverage Coverage: This area has been mapped for risk of flooding from canal or aqueduct failure or breach. Please note that all canals in this area may not have been mapped for failure or breach.	A13SW (N)	0	1	468339 172758
	JBA Canal Failure None				
	JBA Dam Break Coverage Coverage: This area has been mapped for flooding from dam or reservoir embankment failure or breach.	A13SW (N)	0	1	468339 172758
	JBA Dam Break None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	122	2	468339 172950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	131	2	468100 172750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	236	2	468050 172950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	236	2	468000 172700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	283	2	467950 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	285	2	467950 172700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (NW)	307	2	468000 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	330	2	467900 172750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NE (W)	332	2	467900 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	340	2	467900 172650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	377	2	467850 172758
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	387	2	467900 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	531	2	468550 173350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (W)	579	2	467650 172750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SW (W)	627	2	467600 172758
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12NW (W)	660	2	467600 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	669	2	469100 172550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	677	2	467550 172800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (S)	714	2	468450 172000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (S)	722	2	468500 172000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	729	2	467500 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SE (E)	750	2	469200 172650

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	A17SW (NW)	775	2	467600 173250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	784	2	467450 172900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	796	2	469200 173050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SE (NE)	804	2	469150 173200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (E)	823	2	469250 172950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SW (W)	827	2	467400 172758
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8SE (S)	836	2	468600 171900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SW (S)	838	2	468250 171850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A19SE (NE)	849	2	469200 173200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NE (NE)	872	2	469050 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SE (NE)	875	2	469100 173400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NW (W)	901	2	467350 173000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE (E)	906	2	469350 172850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NW (NW)	908	2	467600 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NE (NE)	908	2	469100 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SE (NE)	913	2	469150 173400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NW (NE)	917	2	468850 173650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7SE (SW)	924	2	467850 171850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SE (NE)	924	2	469200 173350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (N)	934	2	468000 173700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A9SW (SE)	940	2	468800 171850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SE (NE)	940	2	469250 173300

BGS Flood Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NE (NE)	945	2	469050 173550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NE (NE)	945	2	469150 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19NW (NE)	953	2	469000 173600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SE (NE)	953	2	469200 173400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9SW (S)	956	2	468700 171800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A17SW (NW)	970	2	467400 173300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NW (NW)	978	2	467550 173500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NE (NE)	979	2	469100 173550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NE (NE)	983	2	469200 173450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NE (NE)	984	2	469050 173600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9SW (SE)	988	2	469000 171900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17NW (NW)	992	2	467650 173600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19NW (NE)	994	2	469000 173650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A17NE (N)	996	2	467950 173750

ESI Groundwater Flood Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	ESI Groundwater Flood Data Risk: Negligible Risk Risk Details: Risk of groundwater flooding is considered negligible at, and near, this location. No further investigation of risk is deemed necessary.	A13SW (N)	0	3	468339 172758
	ESI Groundwater Flood Data Risk: Low Risk Risk Details: There is a remote possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. For sensitive land uses further consideration of site topography, drainage, and historical information on flooding in the local area should be undertaken by a suitably qualified professional.	A8SE (S)	714	3	468450 172000
	ESI Groundwater Flood Data Risk: Low Risk Risk Details: There is a remote possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. For sensitive land uses further consideration of site topography, drainage, and historical information on flooding in the local area should be undertaken by a suitably qualified professional.	A18NE (N)	818	3	468450 173650
	ESI Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. Further consideration of the level of risk and mitigation, by a suitably qualified professional, is recommended.	A8SE (S)	836	3	468600 171900
	ESI Groundwater Flood Data Risk: Low Risk Risk Details: There is a remote possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. For sensitive land uses further consideration of site topography, drainage, and historical information on flooding in the local area should be undertaken by a suitably qualified professional.	A19SE (NE)	897	3	469200 173300
	ESI Groundwater Flood Data Risk: Low Risk Risk Details: There is a remote possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. For sensitive land uses further consideration of site topography, drainage, and historical information on flooding in the local area should be undertaken by a suitably qualified professional.	A9SW (SE)	940	3	468800 171850
	ESI Groundwater Flood Data Risk: Moderate Risk Risk Details: There is a possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. Further consideration of the level of risk and mitigation, by a suitably qualified professional, is recommended.	A19NE (NE)	979	3	469100 173550
	ESI Groundwater Flood Data Risk: Low Risk Risk Details: There is a remote possibility that groundwater flooding may be experienced at, or near, this location with a return period of 1 in 200 years. For sensitive land uses further consideration of site topography, drainage, and historical information on flooding in the local area should be undertaken by a suitably qualified professional.	A9SW (SE)	988	3	469000 171900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	133	4	468201 172560
2	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (W)	137	4	468090 172797
3	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	264	4	468061 172493
4	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	337	4	468022 172429
5	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A8NW (S)	433	4	468238 172255
6	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A8NE (S)	434	4	468437 172282
7	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A17SE (NW)	619	4	467972 173358
8	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NE (SW)	623	4	467756 172293
9	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NE (SW)	630	4	467779 172257
10	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NW (SW)	713	4	467589 172393
11	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NW (SW)	933	4	467462 172170
12	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NW (SW)	941	4	467502 172102
13	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7SW (SW)	951	4	467522 172062
14	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7SW (SW)	951	4	467522 172062
15	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A11SE (W)	953	4	467278 172706
16	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A11SE (W)	953	4	467282 172670
17	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7NW (SW)	956	4	467396 172235
18	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7SW (SW)	995	4	467475 172049
19	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A7SW (SW)	995	4	467475 172049
20	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A6NE (W)	997	4	467284 172399

Flood Insurance Risk Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Postcode Sector Flood Insurance Claim Ratings Insurance Rating: Low Flood Insurance Claim Rating Postcode Sector: RG30 4	A13SW (N)	0	1	468339 172758

EA / NRW / CEH Flood Data	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	October 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	October 2014	Quarterly
Flood Defences Environment Agency - Head Office	October 2014	Quarterly
JBA Flood Data	**Version**	**Update Cycle**
JBA 75 Year Return (undefended) - Pluvial JBA Risk Management Limited	September 2014	Annually
JBA 75 Year Return (undefended) - Fluvial JBA Risk Management Limited	September 2014	Annually
JBA 75 Year Return (undefended) - Coastal JBA Risk Management Limited	September 2014	Annually
JBA 100 Year Return (undefended) - Fluvial JBA Risk Management Limited	September 2014	Annually
JBA 100 Year Return (undefended) - Coastal JBA Risk Management Limited	September 2014	Annually
JBA 200 Year Return (undefended) - Pluvial JBA Risk Management Limited	September 2014	Annually
JBA 200 Year Return (undefended) - Fluvial JBA Risk Management Limited	September 2014	Annually
JBA 200 Year Return (undefended) - Coastal JBA Risk Management Limited	September 2014	Annually
JBA 1000 Year Return (undefended) - Pluvial JBA Risk Management Limited	September 2014	Annually
JBA 1000 Year Return (undefended) - Fluvial JBA Risk Management Limited	September 2014	Annually
JBA 1000 Year Return (undefended) - Coastal JBA Risk Management Limited	September 2014	Annually
JBA Canal Failure JBA Risk Management Limited	September 2014	Annually
JBA Dam Break JBA Risk Management Limited	September 2014	Annually
BGS Flood Data	**Version**	**Update Cycle**
BGS Geological Indicators of Flooding British Geological Survey - National Geoscience Information Service	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
ESI Groundwater Flooding Data	**Version**	**Update Cycle**
ESI Groundwater Flood Risk ESI Limited	December 2014	Bi-Annually

Data Currency

EA/NRW Detailed River Network Data	Version	Update Cycle
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
EA/NRW Historic Flood Events Data	**Version**	**Update Cycle**
Historic Flood Events Environment Agency - Head Office	October 2014	Quarterly
Historical Flood Liabilities Landmark Information Group Limited	December 1999	Not Applicable
EA/NRW Risk of Flooding from Rivers and Sea (RoFRS)	**Version**	**Update Cycle**
RoFRS - Risk of Flooding from Rivers and Sea Environment Agency - Head Office	December 2014	Annually
Flood Insurance Risk Data	**Version**	**Update Cycle**
Postcode Sector Flood Insurance Claim Ratings Crawford and Company	January 2015	Quarterly

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey® Licensed Partner
Environment Agency	Environment Agency
Natural Resources Wales	Cyfoeth Naturiol Cymru Natural Resources Wales
Centre for Ecology and Hydrology	CEH Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
British Geological Survey	BGS 1835 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Environmental Simulations International	esi Environment Specialists
JBA Risk Management	JBA risk management

Useful Contacts

Contact	Name and Address	Contact Details
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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	**ESI Limited** New Zealand House, Abbey Foregate, Shrewsbury, West Midlands, SY2 6FD	Telephone: 0845 606 6650
4	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk

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Envirocheck® Report:

Historical Data Report Datasheet

Order Details:

Order Number:
65211460_1_1

Customer Reference:
L00628

National Grid Reference:
468340, 172760

Slice:
A

Site Area (Ha):
2.35

Search Buffer (m):
1000

Site Details:

Site at 468400, 172760

Client Details:

Ms T Paice
Scott-White & Hookins LLP
London House
42 West Street
Carshalton
Surrey
SM5 2PR

Contents

Report Section	Page Number
Summary	-
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Historical Tanks and Energy Facilities	4
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Useful Contacts and Further Information	6

Introduction

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

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

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Report Version v49.0

Envirocheck® Historical

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Building Plans Information					
Areas Cleared Due To Enemy Action					
Above Ground Fuel Tanks (100m)				n/a	n/a
Asbestos (100m)				n/a	n/a
Benzene/Benzole/Naphtha, Naphthalene/Kerosene (100m)				n/a	n/a
Electricity Generation (100m)				n/a	n/a
Electricity Sub-Stations (100m)				n/a	n/a
Gas Industry (100m)				n/a	n/a
Gas Storage (100m)				n/a	n/a
Gas Use (100m)				n/a	n/a
Oil Industry (100m)				n/a	n/a
Oil Storage (100m)				n/a	n/a
Oil Use (100m)				n/a	n/a
Paint based Oils (100m)				n/a	n/a
Paraffin (100m)				n/a	n/a
Petrol and Diesel Industry (100m)				n/a	n/a
Petrol and Diesel Storage (100m)				n/a	n/a
Petrol and Diesel Use (100m)				n/a	n/a
Potential Fuel Gas (100m)				n/a	n/a
Potential Fuel Oil (100m)				n/a	n/a
Potential Fuel Use (100m)				n/a	n/a
Potential Petrol and Diesel (100m)				n/a	n/a
Potential Tanks (100m)				n/a	n/a
Potentially Fuel-related Tanks (100m)				n/a	n/a
Underground Fuel Tanks (100m)				n/a	n/a
Historical Land Use Information					
Former Marshes					
Historical Flood Liabilities					
Potentially Contaminative Industrial Uses (Past Land Use)	pg 1	1	5	5	18
Potentially Infilled Land (Non-Water)	pg 2	1	1	3	12
Potentially Infilled Land (Water)	pg 3		3	1	7

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Historical Tanks and Energy Facilities					
Electrical Sub Station Facilities (100m)	pg 4	1	1	n/a	n/a
Electricity Industry Facilities (100m)				n/a	n/a
Gas Industry Facilities (100m)				n/a	n/a
Gas Monitoring Facilities (100m)				n/a	n/a
Miscellaneous Power Facilities (100m)				n/a	n/a
Oil Industry Facilities (100m)				n/a	n/a
Petroleum Storage Facilities (100m)				n/a	n/a
Potential Tanks (100m)	pg 4		1	n/a	n/a
Tanks (100m)				n/a	n/a

Historical Land Use Information

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Clay bricks & tiles [manufacture] Date of Mapping: 1900 - 1932	A13NE (NE)	0	1	468403 172790
2	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Factory or works - use not specified Date of Mapping: 1961 - 1992	A13NE (E)	29	1	468475 172769
3	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Hospitals Date of Mapping: 1914 - 1992	A13SE (E)	50	1	468503 172715
4	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Clay bricks & tiles [manufacture] Date of Mapping: 1900 - 1932	A13NE (NE)	212	1	468518 173027
5	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Factory or works - use not specified Date of Mapping: 1961 - 1992	A13NE (NE)	220	1	468532 173030
6	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Road haulage Date of Mapping: 1992	A13NE (NE)	236	1	468492 173061
7	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1900	A14NW (NE)	269	1	468679 172945
8	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1932 - 1961	A18SW (N)	345	1	468268 173152
9	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1900	A14NW (E)	354	1	468773 172934
10	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Military Land Date of Mapping: 1932 - 1961	A19SW (NE)	416	1	468690 173160
11	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Factory or works - use not specified Date of Mapping: 1992	A8NE (S)	481	1	468403 172228
12	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Clay bricks & tiles [manufacture] Date of Mapping: 1883 - 1932	A14NW (NE)	509	1	468885 173069
13	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Factory or works - use not specified Date of Mapping: 1961	A19SW (NE)	519	1	468847 173147
14	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883	A9NW (SE)	656	1	468955 172300
15	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883	A8SE (SE)	726	1	468659 172027
16	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883	A18NE (N)	756	1	468515 173584
17	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883 - 1932	A14SE (E)	769	1	469186 172488
18	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1900	A14NE (E)	796	1	469195 173070
19	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1900	A8SW (S)	825	1	468025 171886
20	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Cemetery or Graveyard Date of Mapping: 1883	A12NW (W)	839	1	467391 172863
21	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883	A18NE (N)	842	1	468531 173668

Historical Land Use Information

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Clay bricks & tiles [manufacture] Date of Mapping: 1883 - 1914	A18NW (N)	861	1	468004 173625
23	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1900 - 1932	A9NE (SE)	864	1	469171 172241
24	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Military Land Date of Mapping: 1883 - 1961	A19SE (NE)	867	1	469064 173429
25	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883 - 1900	A19SE (NE)	889	1	469214 173260
26	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Cemetery or Graveyard Date of Mapping: 1961 - 1992	A12NW (W)	896	1	467337 172902
27	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Sewage Date of Mapping: 1914 - 1961	A7NW (SW)	952	1	467435 172176
28	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Quarrying of sand & clay, operation of sand & gravel pits Date of Mapping: 1883	A23SE (N)	956	1	468600 173774
29	**Potentially Contaminative Industrial Uses (Past Land Use)** Use: Transport : light manufacture Date of Mapping: 1900	A19NW (NE)	999	1	468968 173677
30	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13SW (N)	0	1	468339 172758
31	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A13NE (NE)	212	1	468518 173027
32	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (NE)	269	1	468679 172945
33	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18SW (N)	345	1	468268 173152
34	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (E)	354	1	468773 172934
35	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NW (NE)	509	1	468885 173069
36	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NW (SE)	656	1	468955 172300
37	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8SE (SE)	726	1	468659 172027
38	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	756	1	468515 173584
39	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14SE (E)	769	1	469186 172488
40	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A14NE (E)	796	1	469195 173070
41	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A8SW (S)	825	1	468025 171886
42	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NE (N)	842	1	468531 173668

Historical Land Use Information

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A18NW (N)	861	1	468004 173625
44	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A9NE (SE)	864	1	469171 172241
45	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A19SE (NE)	918	1	469222 173306
46	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	A23SE (N)	956	1	468600 173774
47	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A13NW (W)	174	1	468053 172793
48	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A13NW (W)	193	1	468049 172869
49	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A12NE (W)	245	1	467983 172769
50	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A12NE (W)	494	1	467750 172922
51	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A12NE (NW)	535	1	467760 173054
52	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A12NW (W)	603	1	467647 172958
53	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1914	A7NE (SW)	644	1	467771 172245
54	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A8SE (S)	692	1	468438 172020
55	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A17SW (NW)	735	1	467615 173200
56	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A17SW (NW)	797	1	467508 173137
57	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A12NW (W)	876	1	467392 173061

Historical Tanks and Energy Facilities

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	**Electrical Sub Station Facilities** Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13NW (N)	0	1	468339 172798
59	**Electrical Sub Station Facilities** Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13SE (SE)	35	1	468479 172699
60	**Potential Tanks** Scale of Mapping: 1:1,250 Date of Mapping: 1971	A13NE (NE)	32	1	468452 172859

No Historical Building Plans information available.

The following mapping has been analysed for Historical Land Use Information:

1:10,560	Mapsheet	Published Date
Oxfordshire	056_00	1882
Berkshire	037_00	1883
Berkshire	029_SW	1900
Berkshire	037_NW	1900
Oxfordshire	056_SW	1900
Berkshire	029_SW	1914
Berkshire	037_NW	1914
Oxfordshire	056_SW	1914
Berkshire	037_NW	1932
Berkshire	029_SW	1938
Oxfordshire	056_SW	1938
Ordnance Survey Plan	SU67SE	1961
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU67SE	1992

The following mapping has been analysed for Historical Tanks and Energy Facilities:

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SU6872	1962
Ordnance Survey Plan	SU6873	1962
1:1,250	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SU6872NE	1961
Ordnance Survey Plan	SU6872NW	1961
Ordnance Survey Plan	SU6872SE	1961
Ordnance Survey Plan	SU6872SW	1961
Ordnance Survey Plan	SU6873SE	1961
Ordnance Survey Plan	SU6873SW	1961
Ordnance Survey Plan	SU6872NW	1971
Ordnance Survey Plan	SU6873SE	1971
Ordnance Survey Plan	SU6873SW	1971
Ordnance Survey Plan	SU6872SW	1972
Ordnance Survey Plan	SU6872SE	1976
Ordnance Survey Plan	SU6873SE	1981

Useful Contacts and Further Information

Contact	Name and Address	Contact Details
1	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmark.co.uk Website: www.landmark.co.uk

Historical Building Plans Information

This data set contains potentially contaminative features such as asbestos, petrol, oil and tanks captured from Historical Building Plans. The Historical Building Plans were produced by the London-based firm Charles E. Goad Ltd. as fire insurance plans, dating back to 1885. The firm ceased production of fire insurance plans in 1970. Most of the important towns and cities of the British Isles are covered. Historical Building Plans are usually at the scales of 1:480 (1 inch to 40 feet) for the British Isles. They were updated every 5-6 years by means of revision sheets designed to be pasted on to the original plans.

It should be noted that Historical Building Plans are only available for certain major towns and cities and in some cases there may only be partial coverage of the search area. It cannot therefore be assumed that the absence of responses under the Historical Building Plans section of this report indicates that no hazards exist. Please check the Historical Building Plans Map List table in the Historical Map List section of this report to establish if Historical Building Plans are available for this search area.

Historical Land Use Information

Landmark's Historical Land Use Data is the result of combined analysis of historical map data captured at 1:10,560 and 1:10,000. A unique comprehensive database of Historic Land Use from the 1840's to 1996 it includes 67 different types of potentially contaminated past industrial land use. This entailed analysing over 60,000 maps and is drawn from at least four, and up to six historical map editions. In addition a seventh layer was also created, known as the land use layer, containing areas of infilled land which are plotted via comparison between two or more map editions.

Historical Tanks and Energy Facilities

In addition to HLUD, additional analysis uncovered some of the most dangerous sources of contamination (past and present tanks, petrol storage, oil, gas, electricity, miscellaneous facilities). This data set covers over 390,000 Historical Tanks and Energy facilities in Great Britain and was captured from post war 1:2500 and 1:1250 Ordnance Survey historical mapping covering a period from 1943 to 1996.



Envirocheck® Historical

General

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

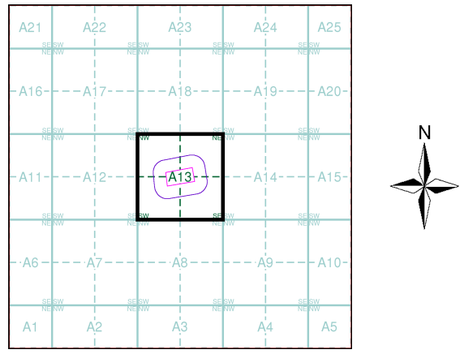
Historical Building Plans

- Area Cleared due to Enemy Action
- Asbestos
- Above Ground Fuel Tanks
- Benzene/Benzole/Naphtha, Naphthalene/Kerosene
- Electricity Generation
- Electricity Sub-Stations
- Gas Industry
- Gas Storage
- Gas Use
- Oil Industry
- Oil Storage
- Oil Use
- Paint based Oils
- Paraffin
- Petrol and Diesel Industry
- Petrol and Diesel Storage
- Petrol and Diesel Use
- Potential Fuel Gas
- Potential Fuel Oil
- Potential Fuel Use
- Potential Petrol and Diesel
- Potential Tanks
- Potentially Fuel-related Tanks
- Underground Fuel Tanks

Historical Tanks and Energy Facilities

- Electrical Sub Station Facility
- Electricity Industry Facility
- Gas Industry Facility
- Gas Monitoring Facility
- Miscellaneous Power Facility
- Oil Industry Facility
- Petroleum Storage Facility
- Potential Tank
- Tank

Historical Data Report - Segment A13



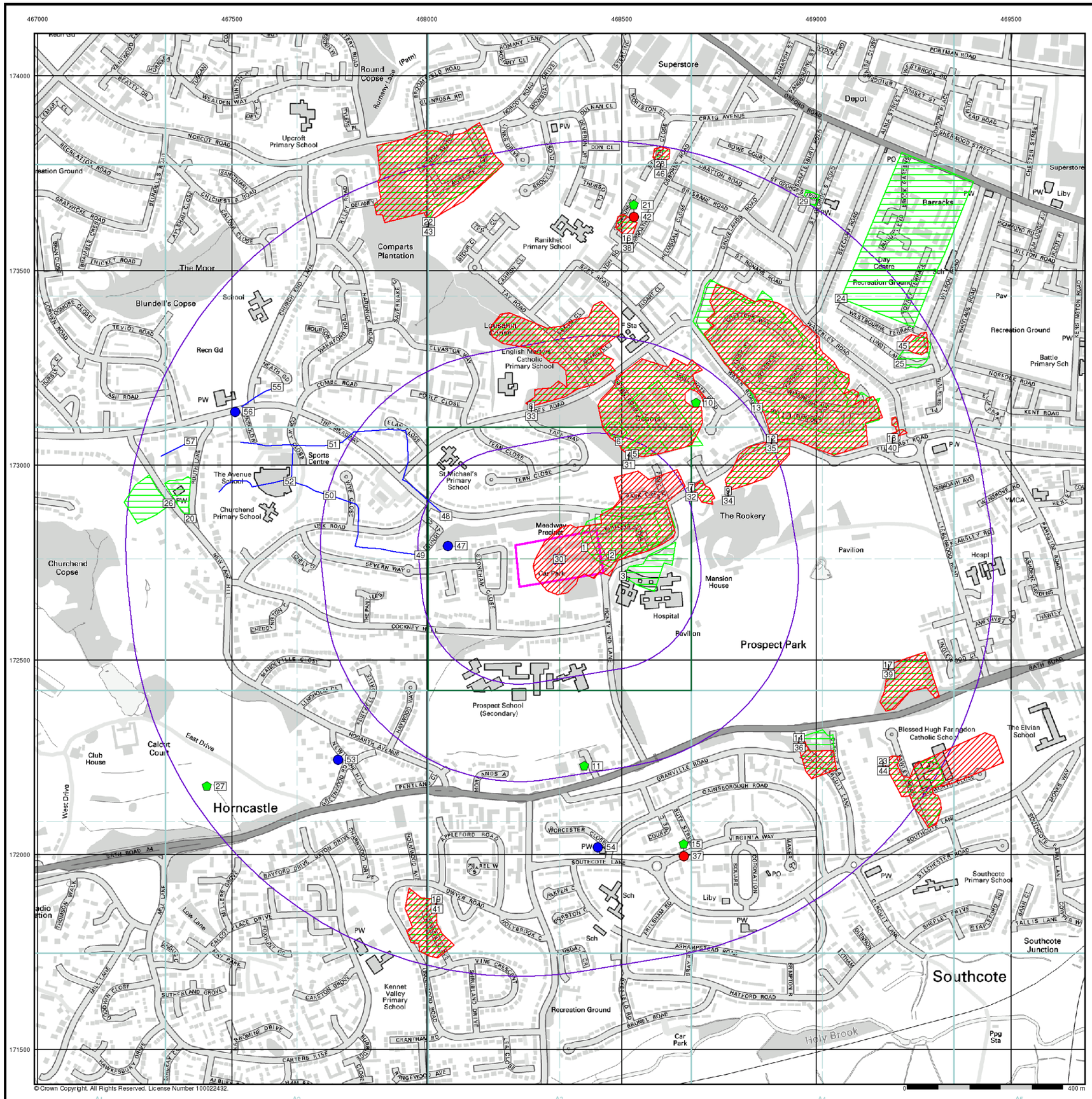
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Plot Buffer (m):	100

Site Details

Site at 468400, 172760

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



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Envirocheck® Historical

General

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

Several of Type at Location

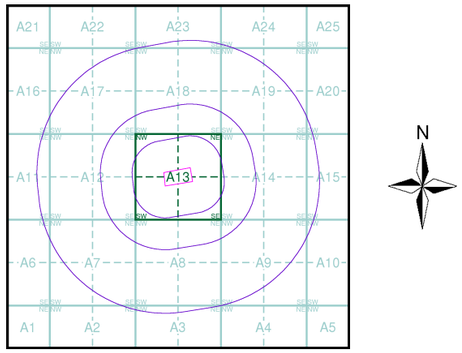
Historical Building Plans

Area Cleared due to Enemy Action

Historical Land Use

- Former Marsh
- Historical Flood Liability
- Historical Flood Liability (Location)
- Potentially Contaminative Industrial Use (Past Land Use)
- Potentially Contaminative Industrial Use (Past Land Use) (Linear)
- Potentially Contaminative Industrial Use (Past Land Use) (Location)
- Potentially Infilled Land (Non-Water)
- Potentially Infilled Land (Non-Water) (Linear)
- Potentially Infilled Land (Non-Water) (Location)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water) (Linear)
- Potentially Infilled Land (Water) (Location)

Historical Data Report - Slice Map A



Order Details

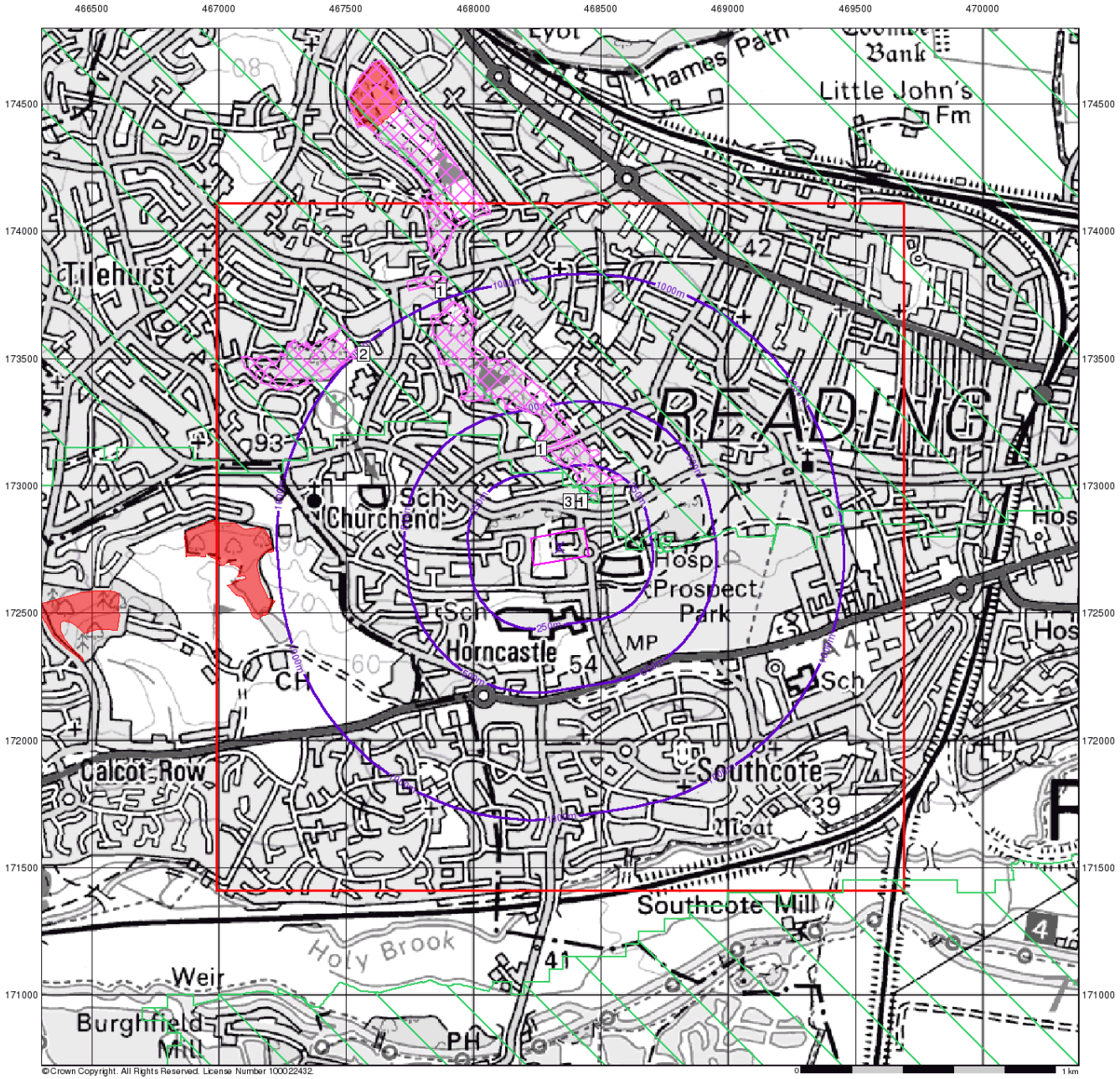
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

Landmark® Information Group

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Envirocheck®
Environmental Impact Assessment

Ecology

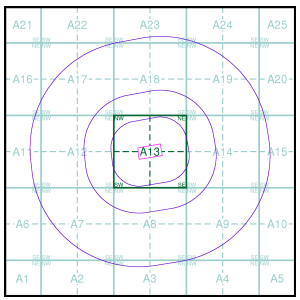
General

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

Ecology

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

Ecology - Slice A



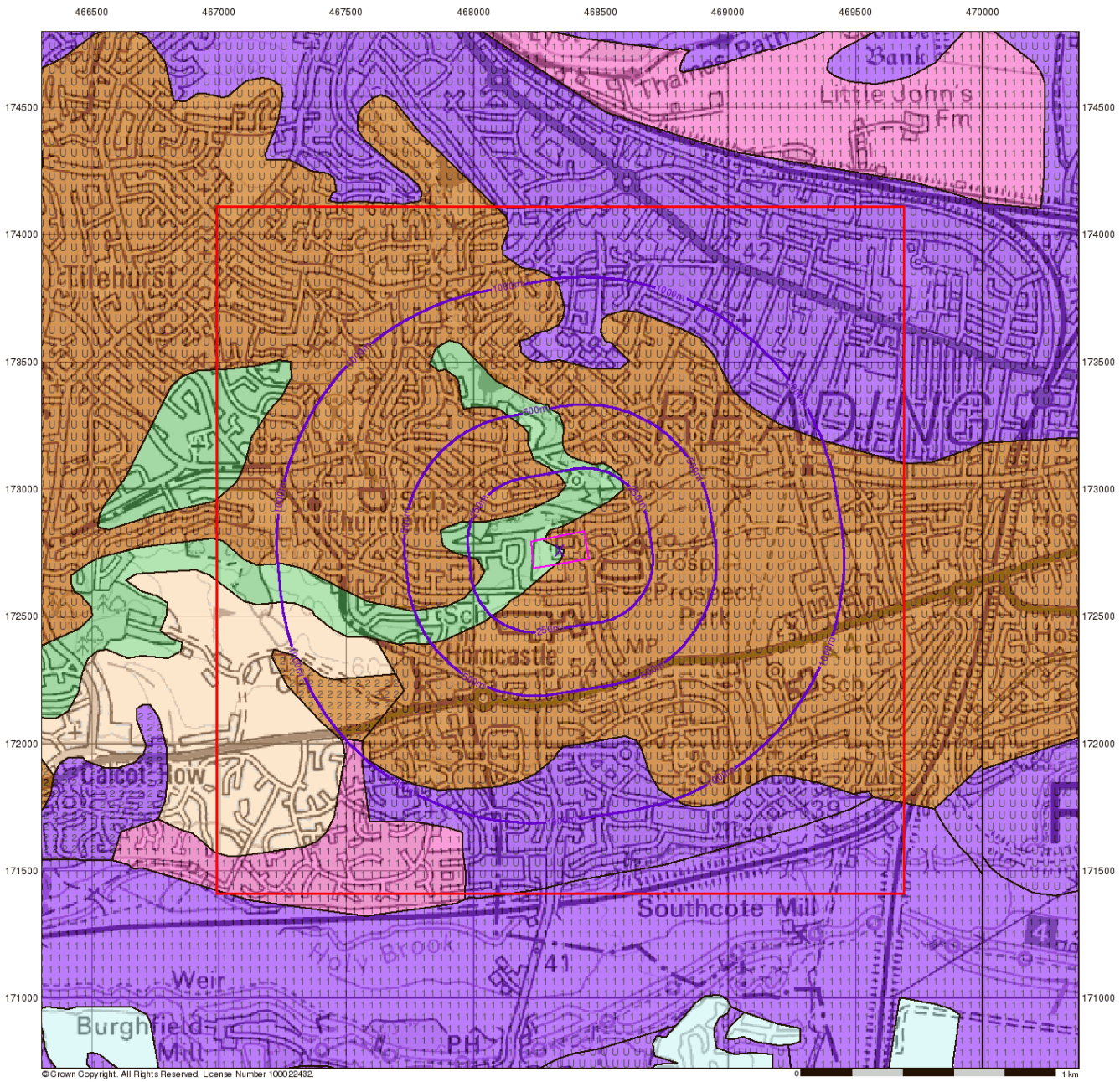
Order Details

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Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Environmental Impact Assessment

Water and Hydrology

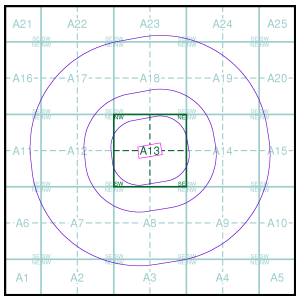
General

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

Groundwater Vulnerability

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

Groundwater Vulnerability - Slice A

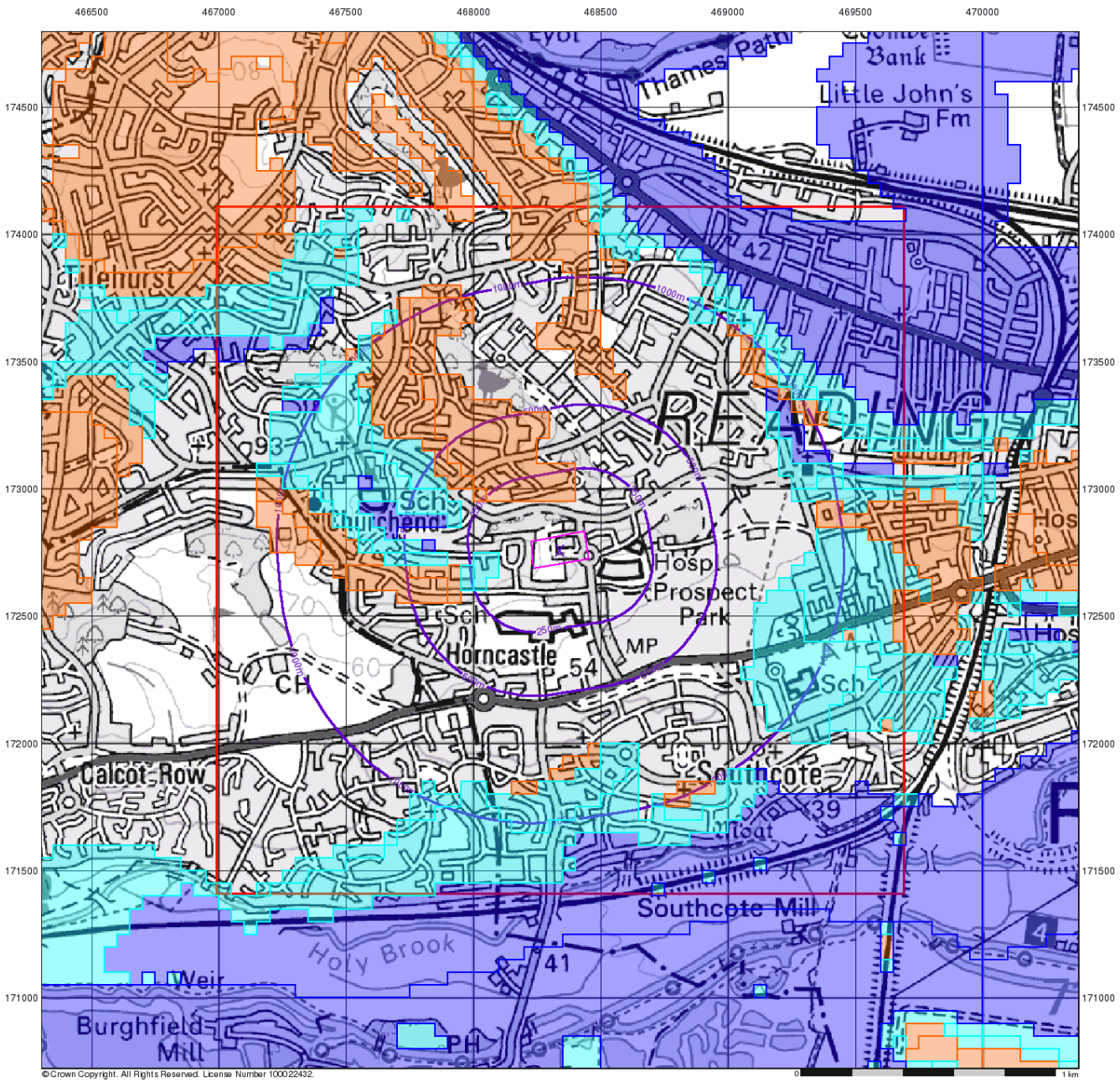


Order Details

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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760



Envirocheck®
Environmental Impact Assessment

Water and Hydrology

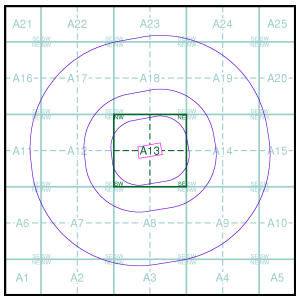
General

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

Groundwater Flooding Susceptibility

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

Groundwater Flooding Susceptibility - Slice A

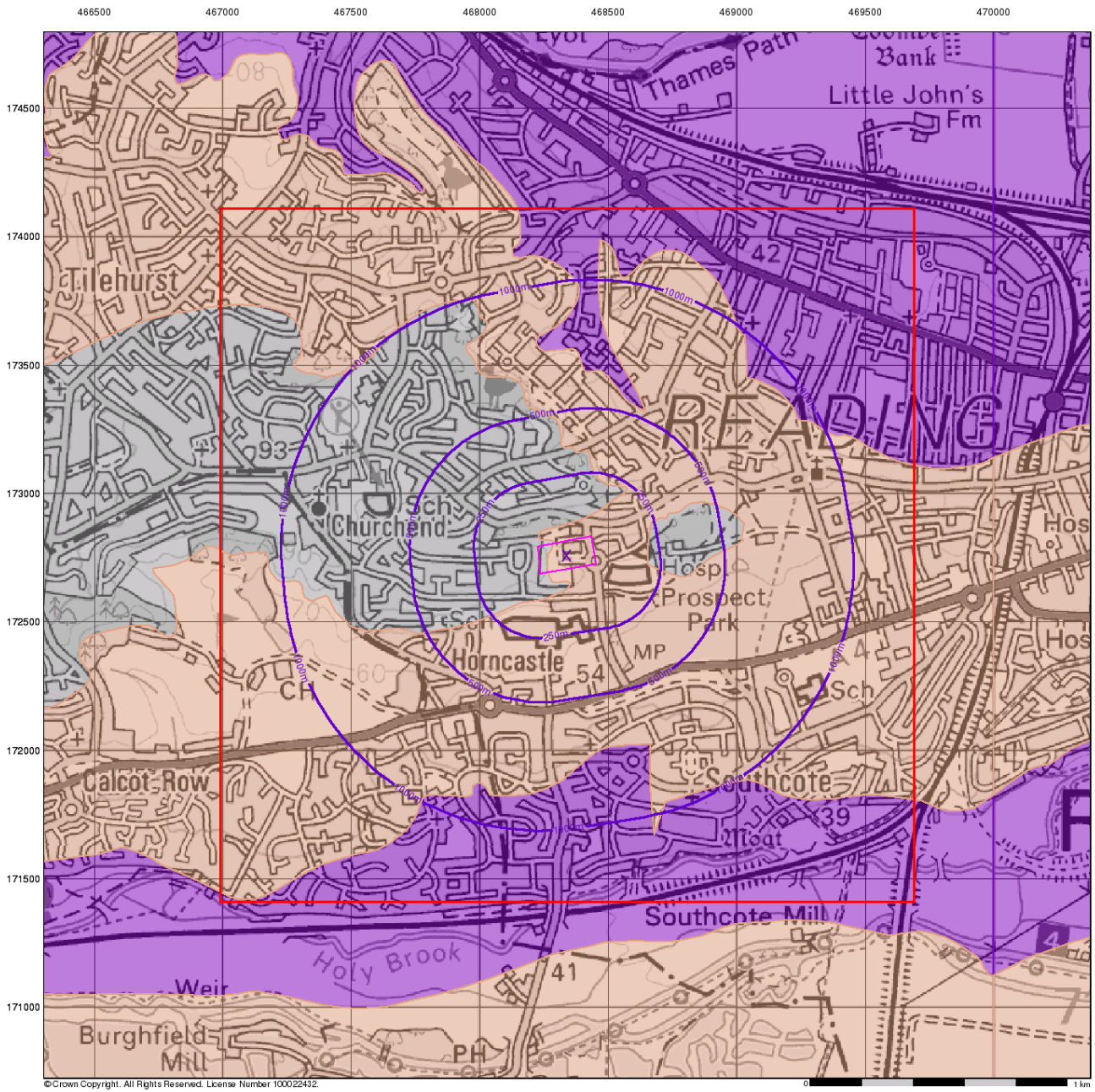


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National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760



Envirocheck®
Environmental Impact Assessment

Water and Hydrology

General

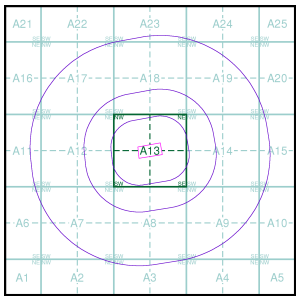
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Bedrock Aquifer Designations

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Bedrock Aquifer Designations - Slice A



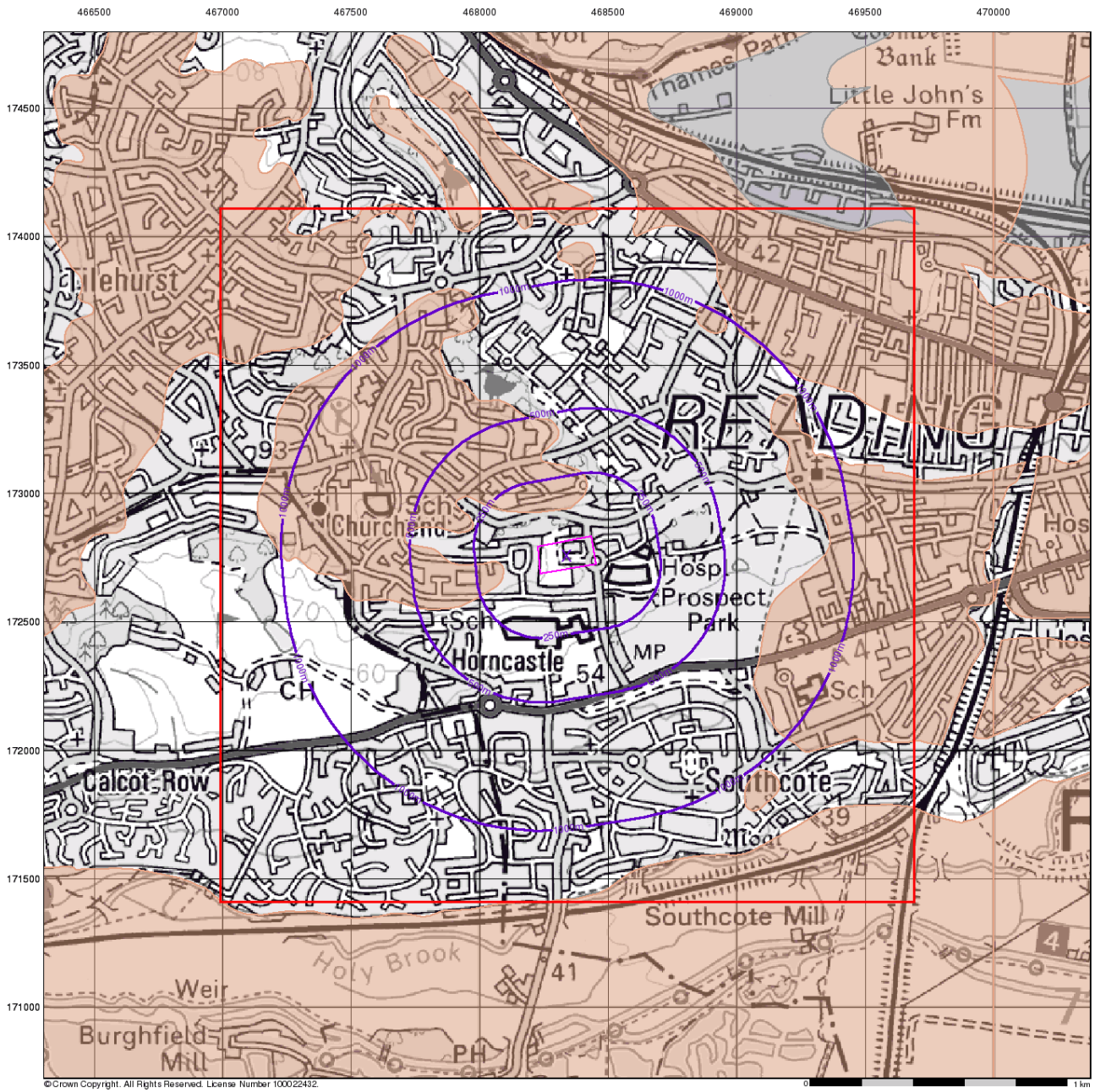
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Web: www.envirocheck.co.uk



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Environmental Impact Assessment

Water and Hydrology

General

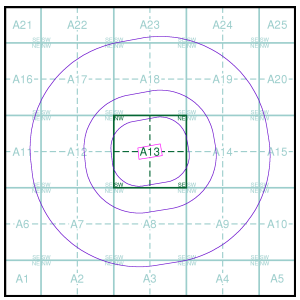
Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice | Map ID

Superficial Aquifer Designations

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Superficial Aquifer Designations - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Water and Hydrology

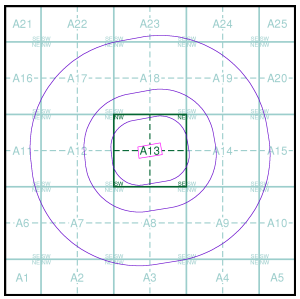
General

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

Source Protection Zones

- 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

Source Protection Zones - Slice A

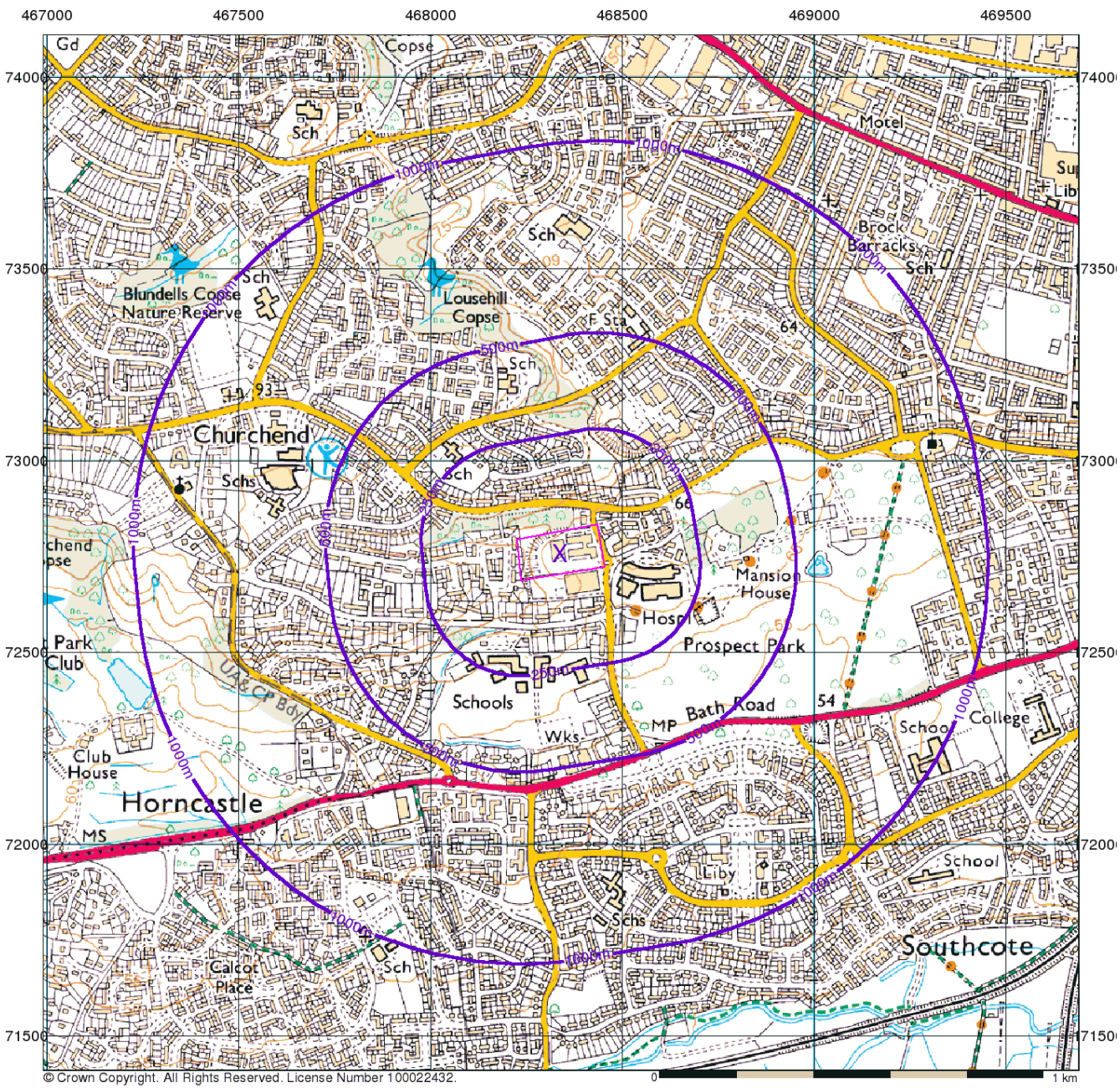


Order Details

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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760



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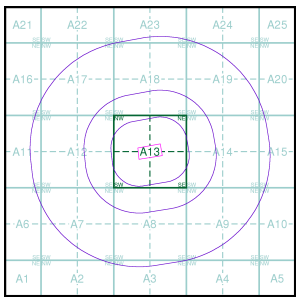
Envirocheck®
Environmental Impact Assessment

Site Location

General

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

Site Location - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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

OS Explorer Map / 1:25 000 Scale Colour Raster

Customer Information

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Communications

ROADS AND PATHS

Not necessarily rights of way

Service area

Junction number

M1 or A6(M) — Motorway

A35 — Dual carriageway

A30 — Main road

B3074 — Secondary road

Narrow road with passing places

Road under construction

Road generally more than 4 m wide

Road generally less than 4 m wide

Other road, drive or track, fenced and unfenced

Gradient: steeper than 20% (1 in 5); 14% (1 in 7) to 20% (1 in 5)

Ferry — Ferry; Ferry P - passenger only

Path

RAILWAYS

Multiple track / Single track — standard gauge

Narrow gauge or Light rapid transit system (LRTS) and station

Road over; road under; level crossing

Cutting; tunnel; embankment

Station, open to passengers; siding

PUBLIC RIGHTS OF WAY

(Rights of way are not shown on maps of Scotland)

Footpath

Bridleway

Byway open to all traffic

Restricted byway
(not for use by mechanically propelled vehicles)

Public rights of way shown on this map have been taken from local authority definitive maps and later amendments.
Rights of way are liable to change and may not be clearly defined on the ground.
Please check with the relevant local authority for the latest information

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

OTHER PUBLIC ACCESS

Other routes with public access (not normally shown in urban areas)
The exact nature of the rights on these routes and the existence of any restrictions may be checked with the local highway authority. Alignments are based on the best information available

National Trail / Long Distance Route — Recreational Route

Permissive footpath / Permissive bridleway — Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn

Traffic-free cycle route

1 National cycle network route number - traffic free

1 National cycle network route number - on road

Scotland

In Scotland, everyone has access rights in law* over most land and inland water, provided access is exercised responsibly. **This includes walking, cycling, horse-riding and water access, for recreational and educational purposes, and for crossing land or water.** Access rights do not apply to motorised activities, hunting, shooting or fishing, nor if your dog is not under proper control. The **Scottish Outdoor Access Code** is the reference point for responsible behaviour, and can be obtained at **www.outdooraccess-scotland.com** or by phoning your local Scottish Natural Heritage office. *Land Reform (Scotland) Act 2003

National Trust for Scotland, always open / limited opening - observe local signs

Forestry Commission Land / Woodland Trust Land

England & Scotland

DANGER AREA

Firing and test ranges in the area. Danger! Observe warning notices
Champs de tir et d'essai. Danger! Se conformer aux avertissements
Schiess und Erprobungsgelände. Gefahr! Warnschilder beachten
Visit **www.access.mod.uk** for information

ACCESS LAND

England

Portrayal of access land on this map is intended as a guide to land which is normally available for access on foot, for example access land created under the Countryside and Rights of Way Act 2000, and land managed by the National Trust, Forestry Commission and Woodland Trust. Access for other activities may also exist.
Some restrictions will apply; some land will be excluded from open access rights.
The depiction of rights of access does not imply or express any warranty as to its accuracy or completeness. Observe local signs and follow the Countryside Code.
Visit **www.countrysideaccess.gov.uk** for up-to-date information

Access land boundary and tint

Access land in woodland area

Access information point

MANAGED ACCESS

Access permitted within managed controls for example, local byelaws
Visit **www.access.mod.uk** for information

July 2012

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General Information

VEGETATION

Limits of vegetation are defined by positioning of symbols

Coniferous trees

Non-coniferous trees

Coppice

Scrub

Bracken, heath or rough grassland

Marsh, reeds or saltings

Orchard

GENERAL FEATURES

+ Place of worship

Current or former place of worship { with tower / with spire, minaret or dome

Building; important building

Glasshouse

Youth hostel

Bunkhouse/camping barn/other hostel

Bus or coach station

Lighthouse; disused lighthouse; beacon

Triangulation pillar; mast

Windmill, with or without sails

Wind pump; wind turbine

pylon pole Electricity transmission line

Slopes

Gravel pit

Sand pit

Other pit or quarry

Landfill site or slag/spoil heap

BP/BS	Boundary post/stone
CG	Cattle grid
CH	Clubhouse
FB	Footbridge
MP ; MS	Milepost ; milestone
Mon	Monument
PO	Post office
Pol Sta	Police station
Sch	School
TH	Town hall
NTL	Normal tidal limit
W; Spr	Well; spring

BOUNDARIES

National

County (England)

Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District
(Scotland & Wales are solely Unitary Authorities)

Civil Parish (CP) (England) or Community (C) (Wales)

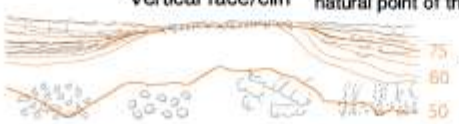
National Park boundary

HEIGHTS AND NATURAL FEATURES

52 · Ground survey height
284 · Air survey height

Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

Vertical face/cliff



Contours may be at 5 or 10 metres vertical interval

Loose rock Boulders Outcrop Scree

Water

Mud

Sand; sand & shingle

ARCHAEOLOGICAL AND HISTORICAL INFORMATION

Site of antiquity

1066 Site of battle (with date)

Visible earthwork

VILLA Roman

Castle Non-Roman

Information provided by English Heritage for England and the Royal Commissions on the Ancient and Historical Monuments for Scotland and Wales

Selected Tourist and Leisure Information

RENSEIGNEMENTS TOURISME ET LOISIRS SÉLECTIONNÉS

Parking / Park & Ride, all year/seasonal
Parking / Parking et navette, ouvert toute l'année/en saison
Parkplatz / Park & Ride, ganzjährig/saisonal

Information centre, all year/seasonal
Office de tourisme, ouvert toute l'année/en saison
Informationsbüro, ganzjährig/saisonal

Visitor centre
Centre pour visiteurs
Besucherzentrum

Forestry Commission visitor centre
Commission Forestière: Centre de visiteurs
Staatsforst Besucherzentrum

PC
Public convenience
Toilettes
Öffentliche Toilette

Telephone, public/roadside assistance/emergency
Téléphone, public/borne d'appel d'urgence/urgence
Telefon, öffentlich/Notrufsäule/Notruf

Camp site / caravan site
Terrain de camping / Terrain pour caravanes
Campingplatz / Wohnwagenplatz

Recreation/leisure/sports centre
Centre de détente/loisirs/sports
Erholungs-/Freizeit-/Sportzentrum

Golf course or links
Terrain de golf
Golfplatz

Theme/pleasure park
Parc à thèmes/Parc d'agrément
Vergnügungs-/Freizeitpark

Preserved railway
Chemin de fer touristique
Museumseisenbahn

Public house/s
Pub/s
Gaststätte/n

Craft centre
Centre artisanal
Zentrum für Kunsthandwerk

AUSGEWAHLTE INFORMATIONEN ZU TOURISTIK UND FREIZEITGESTALTUNG

Walks/trails
Promenades
Wanderwege

Cycle trail
Piste cyclable
Radfahrweg

Mountain bike trail
Chemin pour VTT
Mountainbike-Strecke

Cycle hire
Location de vélos
Fahrradverleih

Horse riding
Equitation
Reitstall

Viewpoint
Point de vue
Aussichtspunkt

Picnic site
Emplacement de pique-nique
Picknickplatz

Country park
Parc naturel
Landschaftspark

Garden/arboretum
Jardin/Arboretum
Garten/Baumgarten

Water activities
Jeux aquatiques
Wassersport

Slipway
Cale
Helling

Boat trips
Croisières en bateau
Bootsfahrten

Boat hire
Location de bateau
Bootsverleih

Nature reserve
Réserve naturelle
Naturschutzgebiet

Fishing
Pêche
Angeln

Other tourist feature
Autre site intéressant
Sonstige Sehenswürdigkeit

Cathedral/Abbey
Cathédrale/Abbaye
Kathedrale/Abtei

Museum
Musée
Museum

Castle/fort
Château/Fortification
Burg/Festung

Building of historic interest
Bâtiment d'intérêt historique
Historisches Gebäude

HC
Heritage centre
Centre d'héritage
Heimatmuseum

National Trust

English Heritage

Historic Scotland

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Ordnance Survey®

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
65211460_1_1

Customer Reference:
L00628

National Grid Reference:
468340, 172760

Slice:
A

Site Area (Ha):
2.35

Search Buffer (m):
1000

Site Details:

Site at 468400, 172760

Client Details:

Ms T Paice
Scott-White & Hookins LLP
London House
42 West Street
Carshalton
Surrey
SM5 2PR

Contents

Report Section	Page Number
Summary	-
Ecology	1
Heritage	2
Water & Hydrology	4
Visual and Landscape	5
Data Currency	6
Data Suppliers	8
Useful Contacts	9

Introduction

The process of an Environmental Impact Assessment is governed by the Town and Country Planning (Environmental Impact Assessment) Regulations 2011. These regulations apply the EU directive "on the assessment of the effects of certain public and private projects on the environment" (usually referred to as the Environmental Impact Assessment Directive) to the planning system in England.

The aim of the Envirocheck Environmental Impact Assessment Report is to provide the necessary site-specific environmental data required to assess the potential environmental effects of a development. Ultimately this assessment is required by the local planning authority in order to decide whether or not to grant planning permission for a project, so as to protect the environment. The regulations set out a procedure for identifying those projects which should be subject to an Environmental Impact Assessment, and for assessing, consulting and coming to a decision on those projects which are likely to have significant environmental effects.

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 v49.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ecology					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Outstanding Natural Beauty					
Areas of Unadopted Green Belt					
Country Parks					
Environmentally Sensitive Areas					
Local Nature Reserves	pg 1		1		1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 1		1		
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
Heritage					
Historic Battlefields					
Listed Buildings	pg 2		1	2	9
Scheduled Monuments					
World Heritage Sites					
Water & Hydrology					
Areas Benefiting from Flood Defences				n/a	n/a
BGS Groundwater Flooding Susceptibility			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 4	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Detailed River Network Lines				n/a	n/a
Detailed River Network Nodes				n/a	n/a
Detailed River Network Offline Drainage	pg 4		Yes	n/a	n/a
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Groundwater Vulnerability	pg 4	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Historic Flood Events				n/a	n/a
Source Protection Zones					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Visual and Landscape					
Historic Parks, Gardens and Designed Landscapes	pg 5		1		

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Local Nature Reserves** Name: Lousehill Copse Multiple Area: Y Area(m²): 130259.22 Source: Natural England Designation Date: 28th March 2012	A13NE (NE)	105	1	468426 172939
2	**Local Nature Reserves** Name: Blundells Copse Multiple Area: N Area(m²): 55548.12 Source: Natural England Designation Date: 28th March 2012	A17NW (NW)	979	1	467568 173517
3	**Nitrate Vulnerable Zones** Name: Not Supplied Description: Surface Water Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (NE)	105	2	468426 172939

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Listed Buildings** Name: Brick Kiln Location: Not Supplied Reference: 1155917 Other Reference: 38976 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A13NE (E)	94	3	468537 172792
5	**Listed Buildings** Name: Prospect House, Prospect Park Location: Not Supplied Reference: 1113398 Other Reference: 38758 Grade: Grade II Listed Building Registered Date: 22nd March 1957 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A14SW (E)	342	3	468795 172730
6	**Listed Buildings** Name: Milepost Location: Not Supplied Reference: 1321988 Other Reference: 38759 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A9NW (SE)	484	3	468680 172296
7	**Listed Buildings** Name: 12 And 14, New Lane Hill Location: Not Supplied Reference: 1321909 Other Reference: 39092 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A7NE (SW)	591	3	467806 172285
7	**Listed Buildings** Name: Horncastle Almshouses Location: Not Supplied Reference: 1113544 Other Reference: 39091 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A7NE (SW)	616	3	467801 172254
8	**Listed Buildings** Name: Apple Tree Cottage Appletree Cottage Location: Not Supplied Reference: 1321908 Other Reference: 39089 Grade: Grade II Listed Building Registered Date: 22nd March 1957 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A17SW (NW)	703	3	467647 173190
9	**Listed Buildings** Name: The East Lodge Location: Not Supplied Reference: 1215857 Other Reference: 401150 Grade: Grade II Listed Building Registered Date: 25th October 1951 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A7NE (SW)	754	3	467711 172148
10	**Listed Buildings** Name: Green Lea Location: Not Supplied Reference: 1113450 Other Reference: 38873 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A12NW (W)	763	3	467464 172791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Listed Buildings** Name: Goodwins Location: Not Supplied Reference: 1113566 Other Reference: 39138 Grade: Grade II Listed Building Registered Date: 22nd March 1957 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A12NW (W)	831	3	467440 173060
12	**Listed Buildings** Name: Church Of St Michael Location: Not Supplied Reference: 1321935 Other Reference: 38871 Grade: Grade II Listed Building Registered Date: 22nd March 1957 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A12NW (W)	875	3	467363 172933
13	**Listed Buildings** Name: Collier Brickworks War Memorial Location: Not Supplied Reference: 1113605 Other Reference: 39225 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A12NW (W)	886	3	467364 172992
13	**Listed Buildings** Name: Iris Court Rectory Location: Not Supplied Reference: 1321881 Other Reference: 39139 Grade: Grade II Listed Building Registered Date: 14th December 1978 Source: English Heritage, National Monument Record Centre Positional Accuracy: Positioned by the supplier	A12NW (W)	886	3	467363 172989

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Areas Benefiting from Flood Defences None				
	BGS Groundwater Flooding Susceptibility No Data Available				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	A13SW (N)	0	4	468339 172758
	Bedrock Aquifer Designations Aquifer Desination: Unproductive Strata	A13NW (NW)	0	4	468281 172785
	Superficial Aquifer Designations No Data Available				
	Detailed River Network Lines None				
	Detailed River Network Nodes None				
14	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13SW (SW)	133	5	468201 172560
15	**Detailed River Network Offline Drainage** River Type: Tertiary River Hydrographic Area: D006	A13NW (W)	137	5	468090 172797
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Flood Defences None				
	Flood Water Storage Areas None				
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 38 Upper Thames & Bedfordshire Scale: 1:100,000	A13NE (NE)	0	5	468343 172766
	Groundwater Vulnerability Soil Classification: Not classified Map Sheet: Sheet 38 Upper Thames & Bedfordshire Scale: 1:100,000	A13SW (N)	0	5	468339 172758
	Drift Deposits None				
	Historic Flood Events None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Historic Parks, Gardens and Designed Landscapes** Name: Prospect Park Reference: 1000589 Area(m²): 481724.47 Type: Grade II Historic Park, Garden or Designed Landscape Source: English Heritage, National Monument Record Centre Registered Date: 30th September 1987	A13SE (SE)	113	3	468483 172614

Data Currency

Ecology	Version	Update Cycle
Ancient Woodland Natural England	July 2014	Bi-Annually
Areas of Outstanding Natural Beauty Natural England	February 2015	Bi-Annually
Country Parks Natural England	January 2014	Annually
Environmentally Sensitive Areas Natural England	August 2014	Annually
Local Nature Reserves Natural England	October 2014	Bi-Annually
Marine Nature Reserves Natural England	July 2013	Bi-Annually
National Nature Reserves Natural England	September 2014	Bi-Annually
National Parks Natural England	February 2015	Bi-Annually
Nitrate Sensitive Areas Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	July 2014	Annually
Ramsar Sites Natural England	March 2014	Bi-Annually
Sites of Special Scientific Interest Natural England	September 2014	Bi-Annually
Special Areas of Conservation Natural England	March 2014	Bi-Annually
Special Protection Areas Natural England	September 2014	Bi-Annually
Heritage	**Version**	**Update Cycle**
Historic Battlefields English Heritage - National Monument Record Centre	February 2015	Bi-Annually
Listed Buildings English Heritage - National Monument Record Centre	January 2015	Bi-Annually
Scheduled Monuments English Heritage - National Monument Record Centre	February 2015	Bi-Annually
World Heritage Sites English Heritage - National Monument Record Centre	April 2013	Bi-Annually

Data Currency

Agency & Hydrological	Version	Update Cycle
Areas Benefiting from Flood Defences Environment Agency - Head Office	October 2014	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually
Bedrock Aquifer Designations British Geological Survey - National Geoscience Information Service	October 2012	As notified
Superficial Aquifer Designations British Geological Survey - National Geoscience Information Service	January 2015	As notified
Detailed River Network Lines Environment Agency - Head Office	March 2012	Annually
Detailed River Network Nodes Environment Agency - Head Office	March 2012	Annually
Detailed River Network Offline Drainage Environment Agency - Head Office	March 2012	Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	October 2014	Quarterly
Flood Defences Environment Agency - Head Office	October 2014	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	October 2014	Quarterly
Groundwater Vulnerability Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits Environment Agency - Head Office	January 1999	Not Applicable
Historic Flood Events Environment Agency - Head Office	October 2014	Quarterly
Source Protection Zones Environment Agency - Head Office	January 2015	Quarterly
Visual and Landscape	**Version**	**Update Cycle**
Historic Parks, Gardens and Designed Landscapes English Heritage - National Monument Record Centre	July 2013	Bi-Annually

Data Suppliers

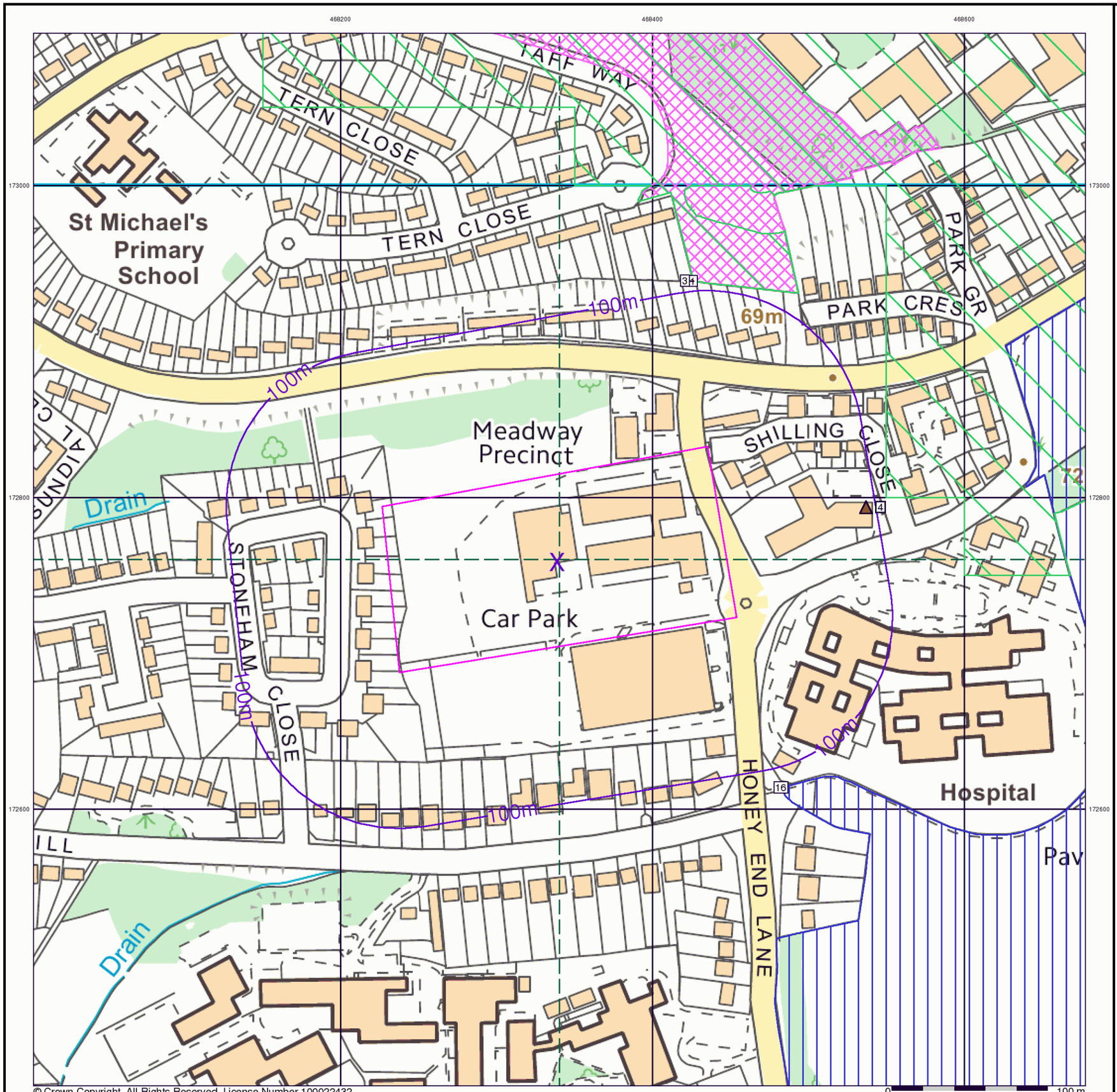
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Ordnance Survey Licensed Partner
Environment Agency	Environment Agency
Scottish Environment Protection Agency	SEPA Scottish Environment Protection Agency
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	Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE
Natural England	NATURAL ENGLAND

Useful Contacts

Contact	Name and Address	Contact Details
1	**Natural England** Suite D, Unex House, Bourges Boulevard, Peterborough, Cambridgeshire, PE1 1NG	Telephone: 0845 600 3078 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
2	**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
3	**English Heritage - National Monument Record Centre** Kemble Drive, Swindon, Wiltshire, SN2 2GZ	Telephone: 01793 414600 Fax: 01793 414606 Email: nmrinfo@english-heritage.org.uk Website: www.english-heritage.org.uk
4	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
5	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
-	**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.



Envirocheck®
Environmental Impact Assessment

Site Sensitivity

General

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

Ecology

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

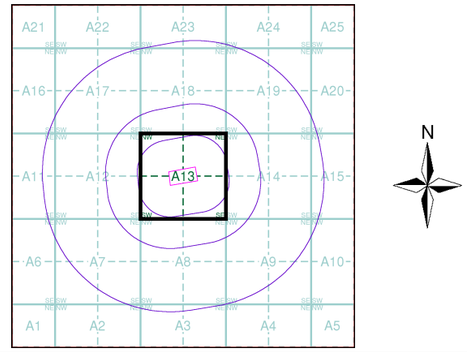
Heritage

- Historic Battlefields
- Listed Buildings
- Scheduled Monuments
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Segment A13



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35

Site Details

Site at 468400, 172760

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



Envirocheck®
Environmental Impact Assessment

Aerial Photo

General

Specified Site

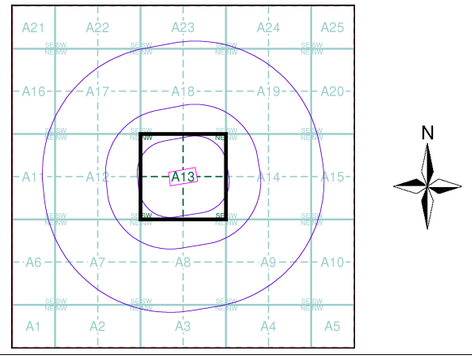
Specified Buffer(s)

X Bearing Reference Point

Published Date(s):

2013

Aerial Photo - Segment A13



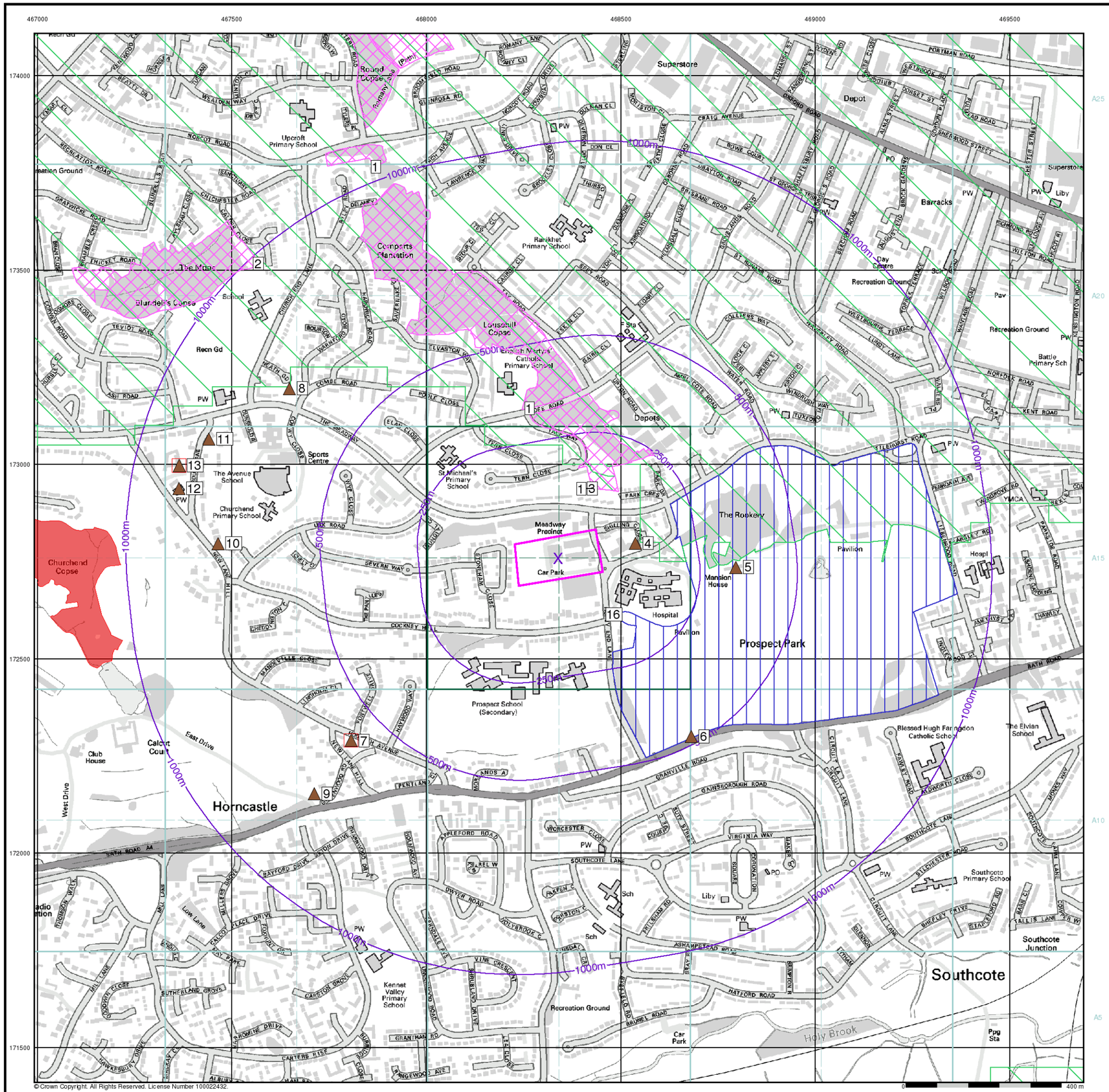
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Environmental Impact Assessment

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- Special Area of Conservation
- Special Protection Area

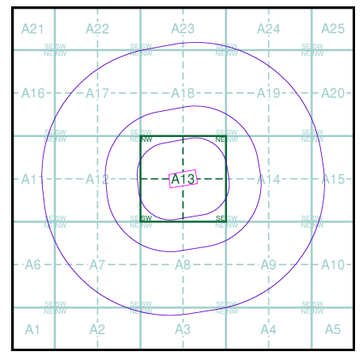
Heritage

- Historic Battlefields
- Scheduled Monuments
- Listed Buildings
- World Heritage Sites

Visual and Landscape

- Historic Parks, Gardens and Designed Landscapes

Site Sensitivity - Slice A



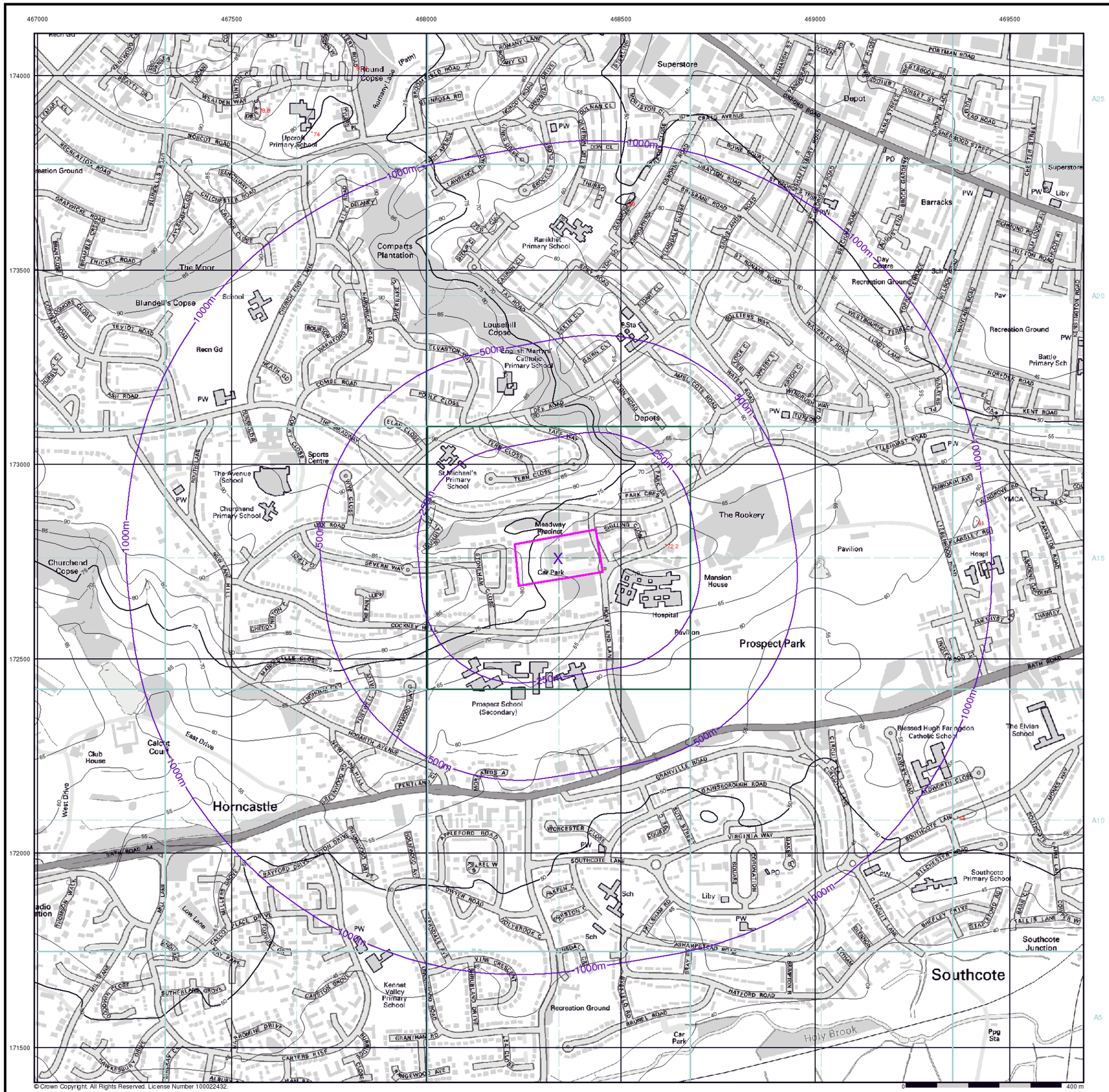
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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



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Envirocheck®
Environmental Impact Assessment

Water and Hydrology

General

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

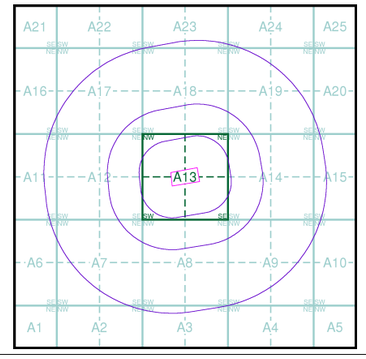
Flood

- 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

Contours (height in meters)

- Standard Contour 105 100 95
- Master Contour
- Spot Height *167.8
- MLW Mean Low Water
- MHW Mean High Water

Flood - Slice A



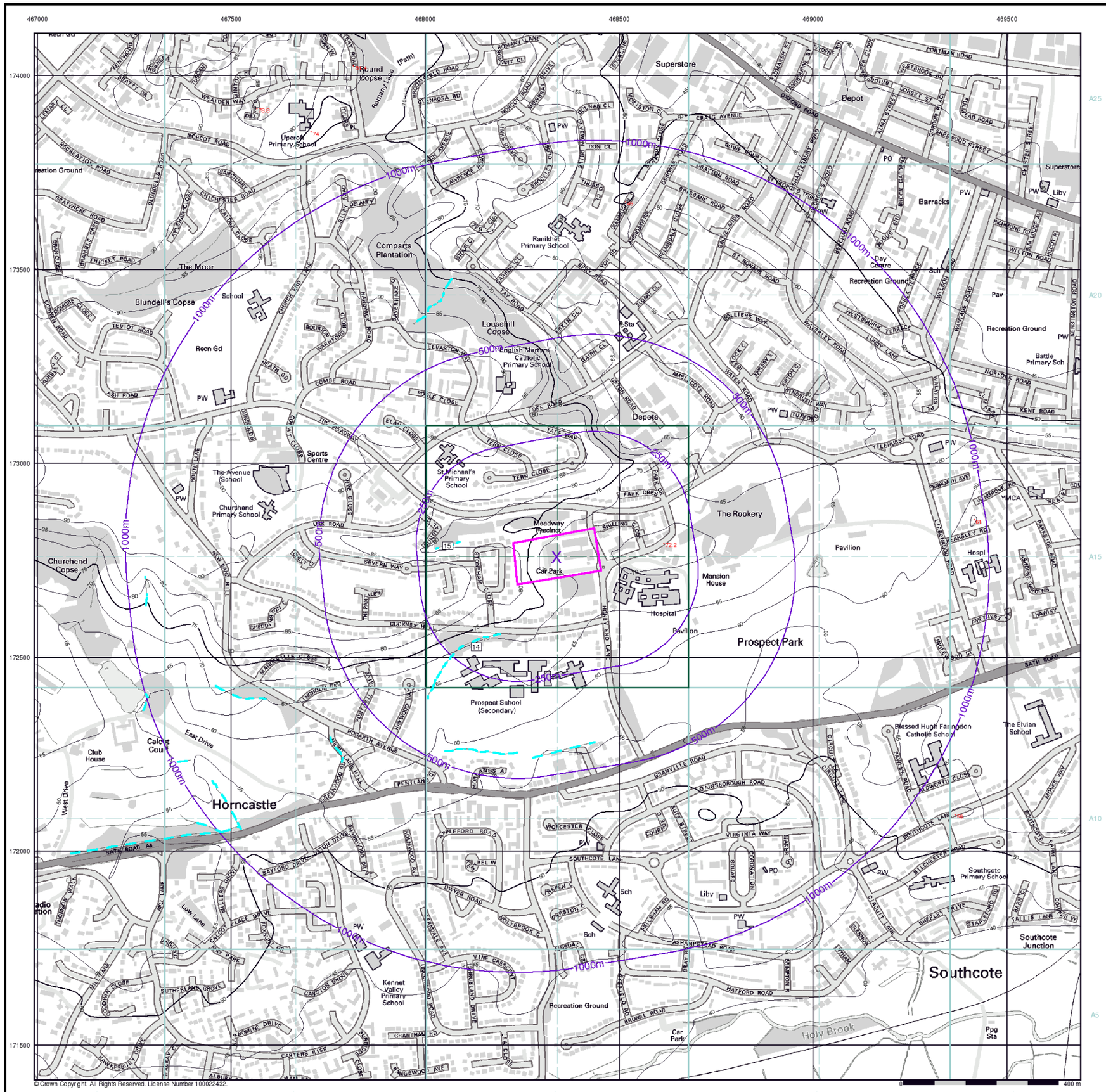
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
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Site Area (Ha):	2.35
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Envirocheck®
Environmental Impact Assessment

Water and Hydrology

General

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

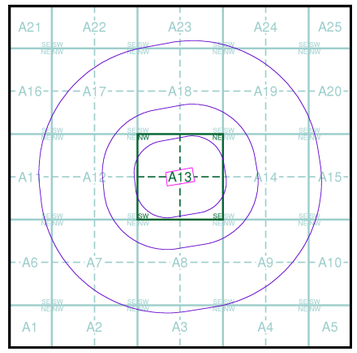
Detailed River Network

- Primary River
- Secondary River
- Tertiary River
- Canal
- Canal Tunnel
- Undefined River
- Lake/Reservoir
- Extended Culvert (greater than 50m)
- Underground River (inferred)
- Underground River (local knowledge)
- Downstream of High Water Mark
- Downstream of Seaward Extension
- Not assigned River feature
- Source
- Junction
- Sink
- Non-interactive Node
- Offline Drainage Feature
- Not assigned River feature
- Pseudo Node (general)
- Pseudo Node (High Water Mark)
- Pseudo Node (OS MasterMap polygon boundary)

Contours (height in meters)

- Standard Contour (105, 100, 95)
- Master Contour
- Spot Height *167.8
- MLW Mean Low Water
- MHW Mean High Water

Detailed River Network - Slice A



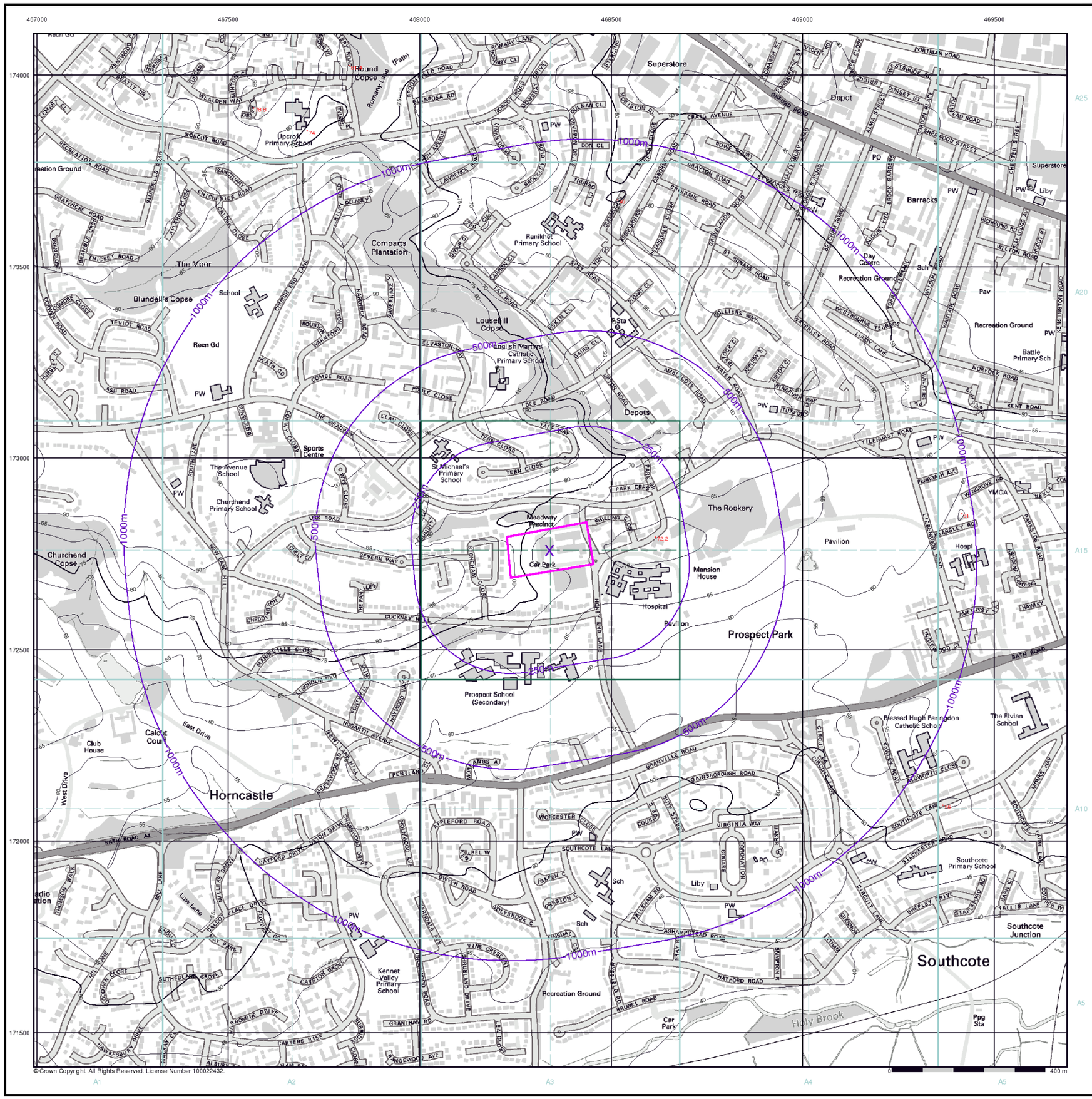
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

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Environmental Impact Assessment

Water and Hydrology

General

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

Historic Flood

- Channel Capacity Exceeded (no raised defences)
- Groundwater/High Water Table
- Local Drainage/Surface Water
- Mechanical Failure
- Obstruction/Blockage - Bridge
- Obstruction/Blockage - Channel
- Obstruction/Blockage - Culvert
- Obstruction/Blockage - Debris Screen
- Operational Failure/ Breach of Defence
- Other
- Overtopping of Defences
- Unknown

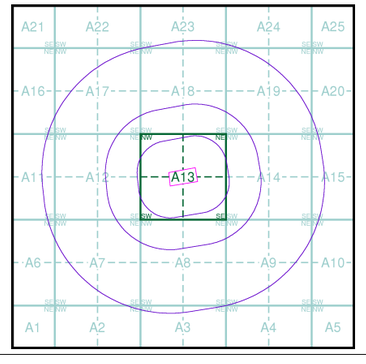
- Historical Flood Liabilities

Contours (height in meters)

Standard Contour 105 100 95
Master Contour
Spot Height *167.8

MLW Mean Low Water
MHW Mean High Water

Historic Flood - Slice A



Order Details

Order Number:	65211460_1_1
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Environmental Impact Assessment

Aerial Photo

General

Specified Site

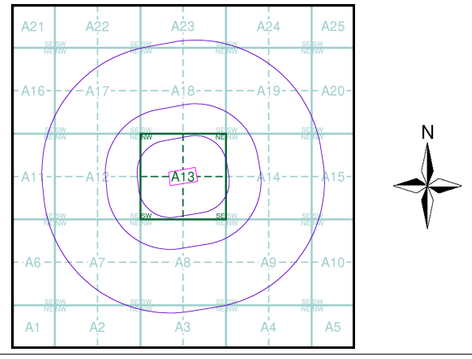
Specified Buffer(s)

X Bearing Reference Point

Published Date(s):

2013

Aerial Photo - Slice A



Order Details

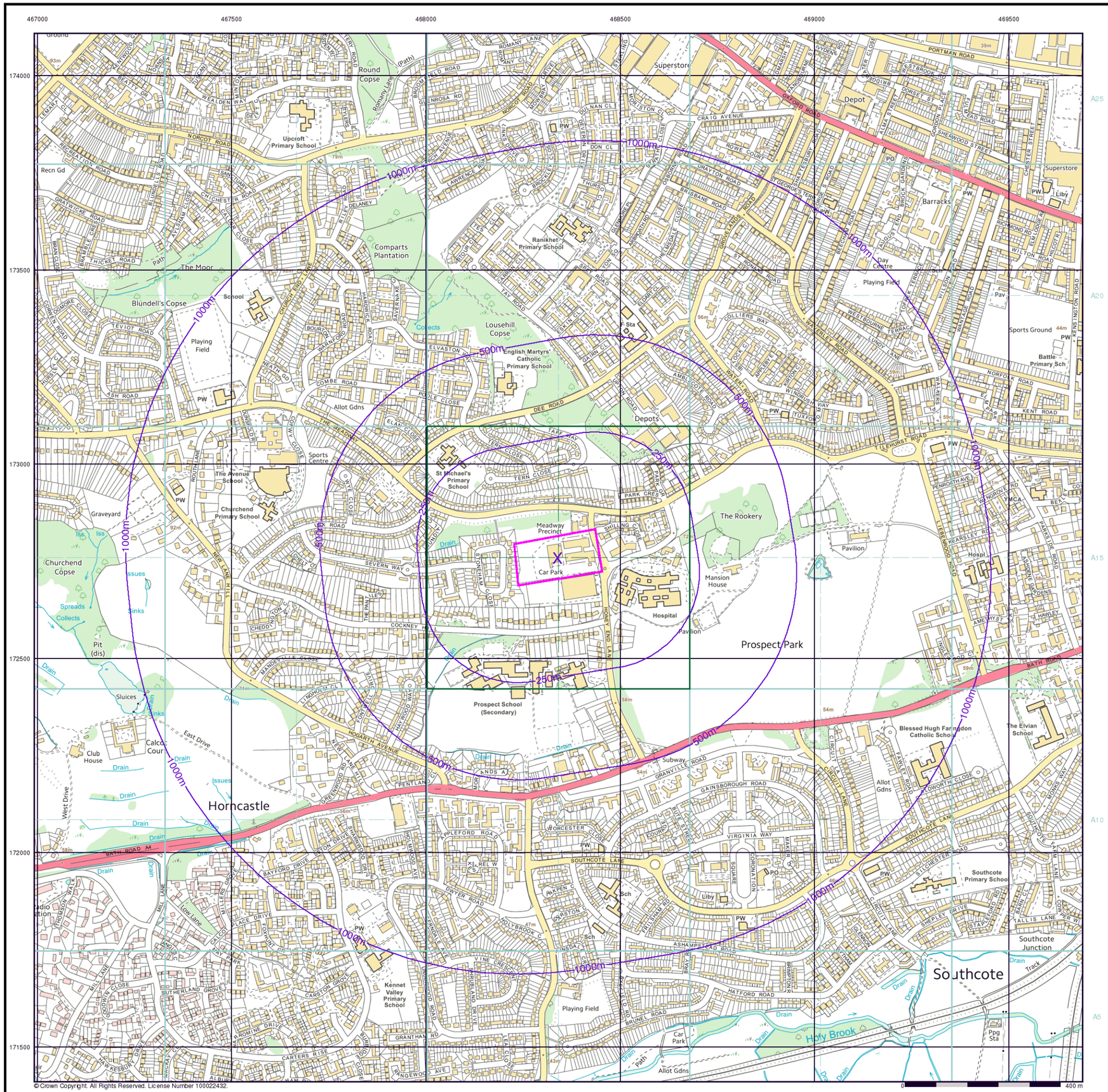
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
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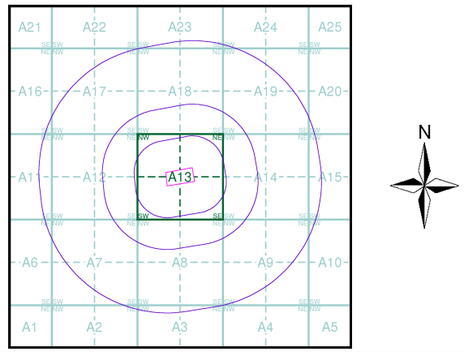
Envirocheck®
Environmental Impact Assessment

Site Location

General

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

Site Location - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
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Site Details

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OS VectorMap® Local

Colour Raster version

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COMMUNICATIONS (TRANSPORT)

Depicted roads are not necessarily rights of way

- Motorway
- Primary road
- Main road ('A' road)
- Secondary road ('B' road)
- Minor road
- Local street
- Private road with public access
- Pedestrianised street
- Multiple track railway
- Single track railway or siding
- Narrow gauge railway
- Road or rail tunnel

SETTLEMENT

- Building
- Important building
- Glasshouse
- Overhead building line

VEGETATION

- Broad-leafed woodland
- Coniferous woodland
- Mixed woodland
- Orchard
- Shrub
- Unimproved grass
- Heathland
- Marsh
- Reeds

WATER FEATURES

- Water (surface or tidal)
- Water
- Mean high water
- Mean low water
- Direction of flow arrows
- Water point features (for example Wells, Springs)

HEIGHT

Surface heights are in metres above mean sea level

- 57m Height

LANDFORMS

- Ornament
- Inland rock
- Boulders
- Shingle
- Cliff
- Large slopes
- Standard slopes
- Mud
- Sand
- Gravel pit
- Sand pit
- Refuse tip or slag heap

POINT & LINE FEATURES

- General line detail
- Overhead detail
- Telephone line
- Electricity transmission line
- Pylon
- Triangulation station
- Point features (for example Shafts, Posts)
- Site of antiquity

COMMON ABBREVIATIONS

CG	Cattle grid
Chy	Chimney
Coll	College
Ct	Court
El Sub Sta	Electricity sub station
FB	Footbridge
Fl Sk	Flare stack
Fn	Fountain
FS	Flagstaff
GP	Guide post
LC	Level crossing
Liby	Library
Meml	Memorial
MHW(s)	Mean high water (springs)
MLW(s)	Mean low water (springs)
Mon	Monument
MP, MS	Mile post or stone
NTL	Normal tidal water
P, Ps	Post(s) or pole(s)
PH	Public House
PO	Post office
Pol Sta	Police Station
PW	Place of worship
Sch	School
Spr	Spring
Sta	Station
Tk	Tank or track
W	Well

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

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

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

1:10,000 Raster Mapping

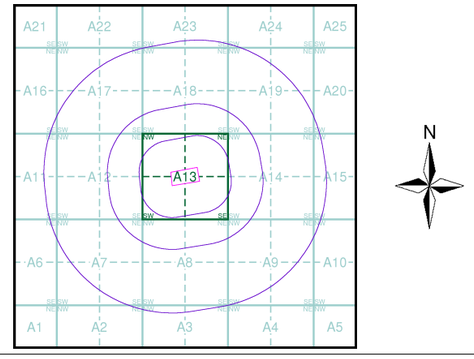
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community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

Envirocheck®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:10,560	1882	3
Berkshire	1:10,560	1883	4
Berkshire	1:10,560	1900	5
Oxfordshire	1:10,560	1900	6
Oxfordshire	1:10,560	1901	7
Berkshire	1:10,560	1901	8
Berkshire	1:10,560	1914	9
Berkshire	1:10,560	1932	10
Berkshire	1:10,560	1938	11
Historical Aerial Photography	1:10,560	1949	12
Ordnance Survey Plan	1:10,000	1961	13
Ordnance Survey Plan	1:10,000	1968	14
Ordnance Survey Plan	1:10,000	1976	15
Ordnance Survey Plan	1:10,000	1983	16
Reading	1:10,000	1990	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2014	20

Historical Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Russian Military Mapping Legends

1:5,000 and 1:10,000 mapping

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Fireproof Building
- Prominent Fireproof Building
- Non-fireproof Building
- Non-fireproof Building (non-dwelling)
- Factory, mill, and flour mill, with chimneys
- Factory, mill, and flour mill, without chimneys
- Power Station, drawn to scale
- Hydroelectric Power Station
- Radio Station, drawn to scale
- Telephone Station, drawn to scale
- Abandoned Open-pit Mine or Quarry
- Open-pit Salt Mine
- Pit
- Oil Deposit or Well
- Oil Seepage
- Tailings Pile
- Fuel Storage Tanks
- Natural Gas Tank
- Bench Mark
- Drill Hole
- Burial Mound
- Triangulation Point on Burial Mound
- Single-track Railroad
- Double-track Railroad and Station Building
- Coniferous Forest
- Deciduous Forest
- Mixed Forest
- Lawns
- Citrus Orchard
- Wet Ground
- Scattered Vegetation

243,8 Values for prominent elevations

186.0 Numbers for spot elevations, depth soundings, contour lines, etc.

0,2 Velocity of the current, width of river bed, depth of river

Fractional terms: length and capacity of bridges; depth of fords and condition of the river bottom; height of forest and the diameter of trees

Russian Alphabet (For reference and phonetic interpretation of map text)

А а (A)	З з (Z)	П п (P)	Ч ч (CH)
Б б (B)	И и (I)	Р р (R)	Ш ш (SH)
В в (V)	Й й (Y)	С с (S)	Щ щ (SHCH)
Г г (G)	К к (K)	Т т (T)	ъ (–)
Д д (D)	Л л (L)	У у (U)	ы (Y)
Е е (E)	М м (M)	Ф ф (F)	ь (')
Ё ё (YO)	Н н (N)	Х х (KH)	Э э (E)
Ж ж (ZH)	О о (O)	Ц ц (TS)	Ю ю (YU or IU)
			Я я (YA or IA)

1:25,000 mapping

a. Not drawn to scale b. Drawn to scale

- Government and Administrative Buildings
- Military and Industrial Buildings
- Military and Communication Areas
- Subway Entrance
- Partly Demolished Buildings
- Demolished Buildings
- Built-Up Area with Fireproof Buildings Predominant
- Built-Up Area with Non-Fireproof Buildings Predominant
- Individual Fireproof Building
- Prominent Industrial Building
- Individual Dwelling, Fireproof
- Ruins of an Individual Dwelling
- Factory or Mill Chimney
- Factory or Mill with Chimney
- Factory or Mill without Chimney
- Mine or Open Pit Mine
- Operating Shaft or Mine
- Non-Operating Shaft or Mine
- Salt Mine
- Tailings Pile
- Pit
- Stone Quarry
- Gas Pump or Service Station
- Fuel Storage or Natural Gas Tank
- Oil or Natural Gas Derrick
- Small Hydroelectric Power Station
- Power Station
- Transformer Station
- Cemetery
- Burial Mound (height in metres)
- Triangulation Point on Burial Mound
- Triangulation Point
- Bench Mark
- Bench Mark (monumented)
- Telegraph Office
- Telephone Station
- Radio Station
- Radio Tower
- Airfield or Seaplane Base
- Landing Strip
- Main Highway
- Highway under Construction
- Improved Dirt Road (former truck road)
- Double-track Railroad with First Class Station
- Dismantled Railroad
- Railroad Under Construction
- Shore Embankment
- River or Ditch with Embankment
- Direction and velocity of current
- Well
- Water Reservoir or Rain Water Pit
- Spring
- Isobath with value
- Heavy (Index) Contour Line
- Contour Line and Value
- Half Contour Line
- Spot Elevation Value
- Coniferous
- Deciduous
- Mixed
- Scrub

Key to Numbers on Mapping

SU67SE_Reading

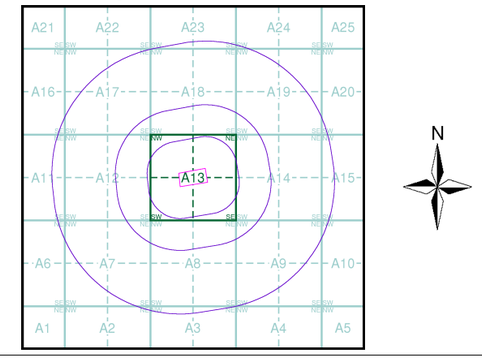
No.	Description
31	Post Office
56	Council/Government Buildings/Courts

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Oxfordshire	1:10,560	1882	3
Berkshire	1:10,560	1883	4
Berkshire	1:10,560	1900	5
Oxfordshire	1:10,560	1900	6
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Ordnance Survey Plan	1:10,000	1983	16
Reading	1:10,000	1990	17
Ordnance Survey Plan	1:10,000	1992	18
10K Raster Mapping	1:10,000	2006	19
VectorMap Local	1:10,000	2014	20

Russian Map - Slice A



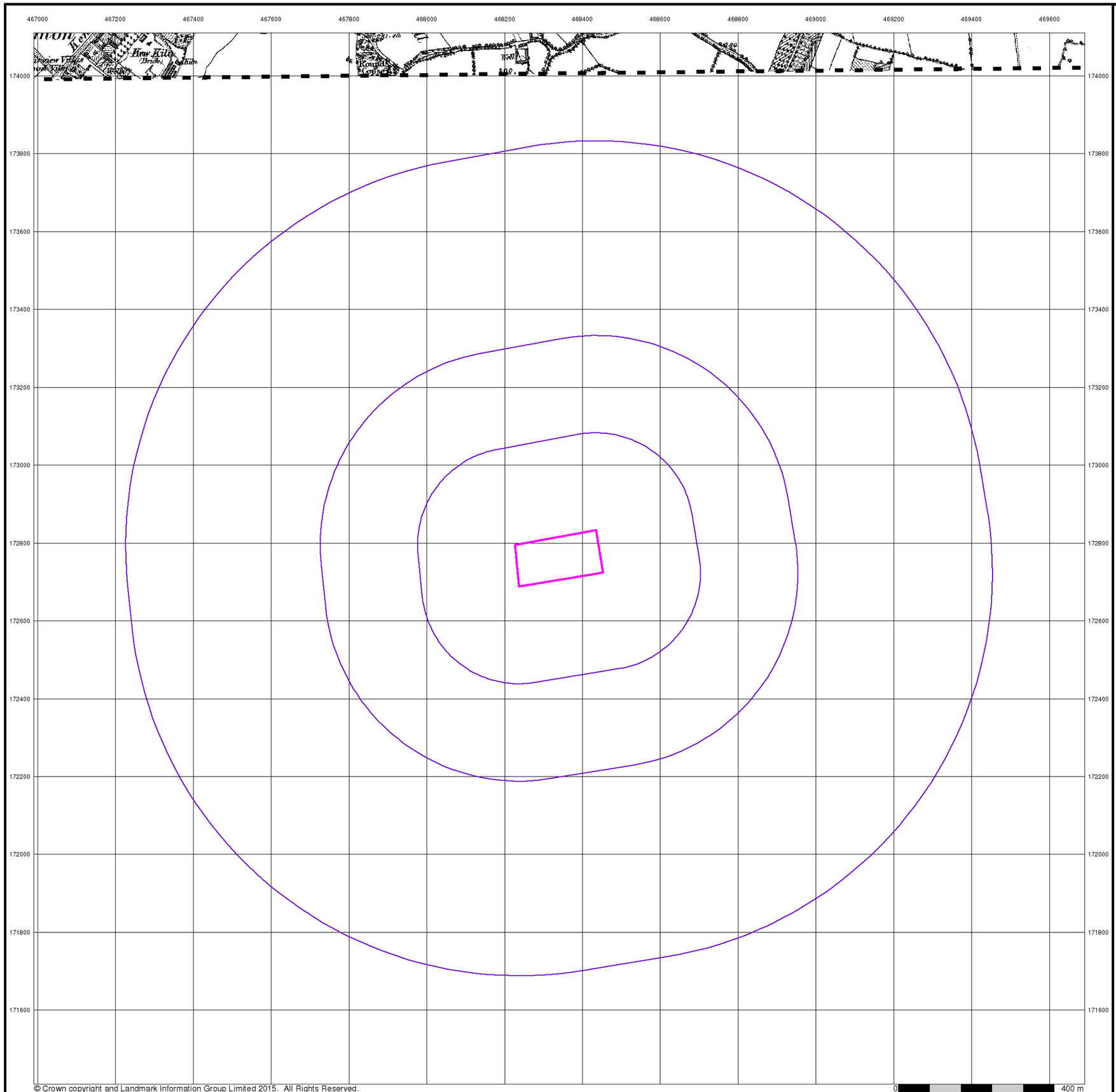
Order Details

Order Number: 65211460_1_1
Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

Site at 468400, 172760

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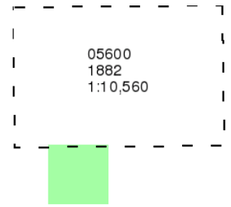
Oxfordshire

Published 1882

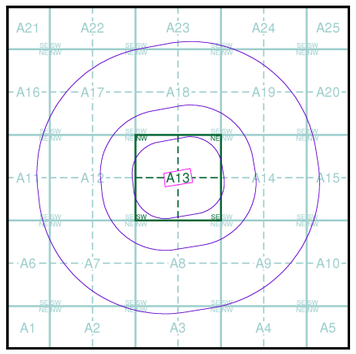
Source map scale - 1:10,560

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

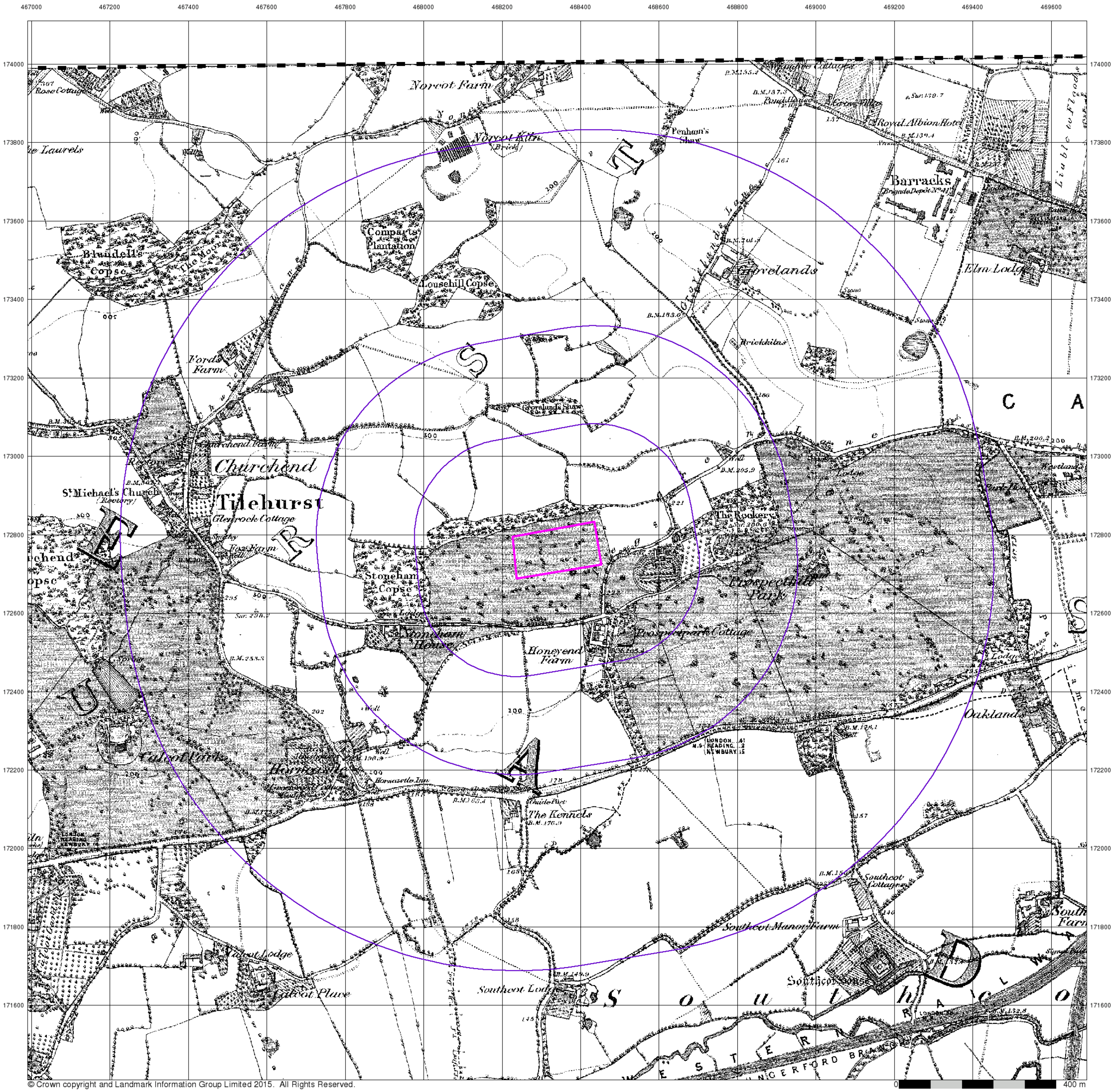
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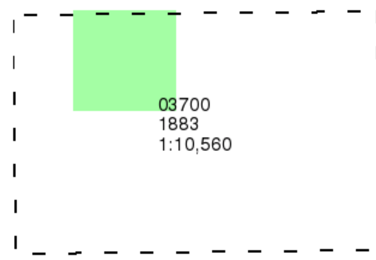
Berkshire

Published 1883

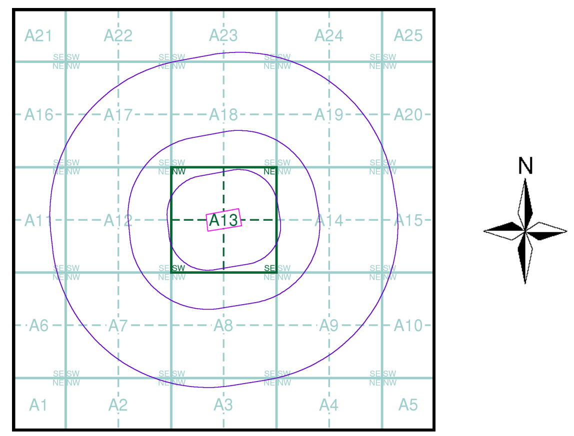
Source map scale - 1:10,560

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

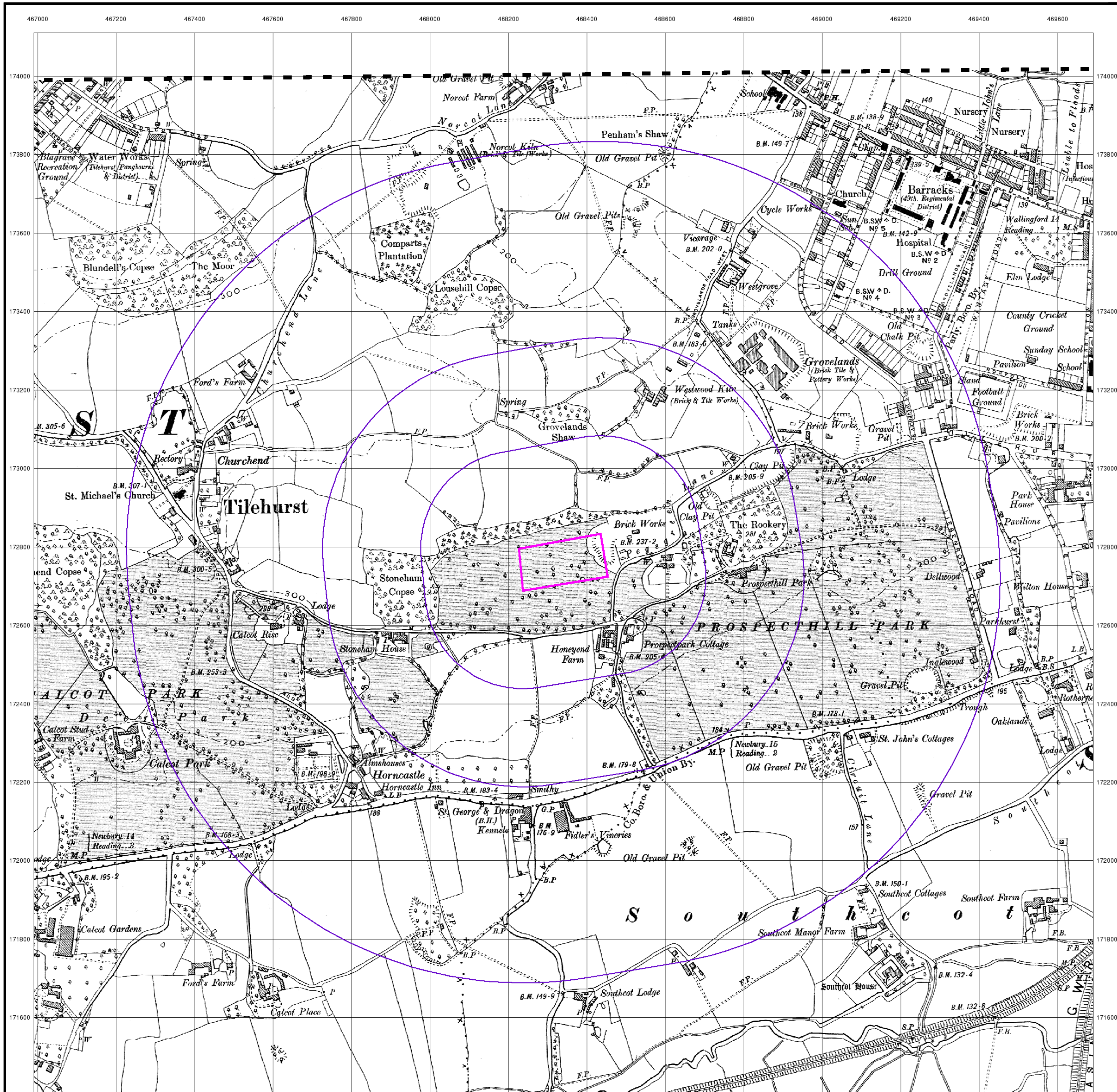
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Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

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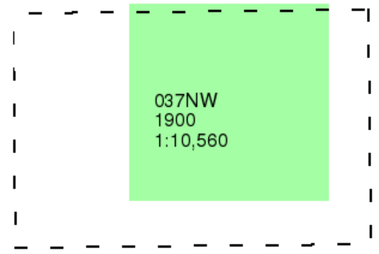
Berkshire

Published 1900

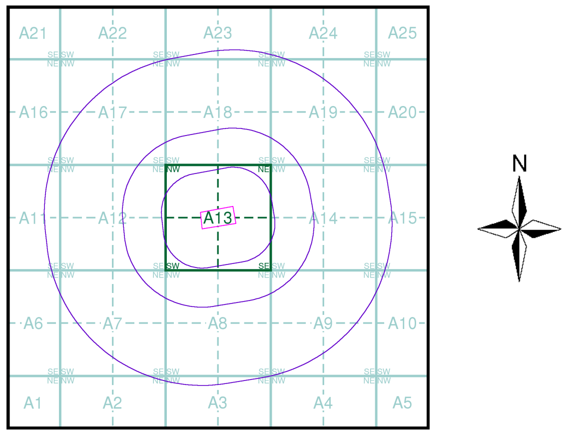
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



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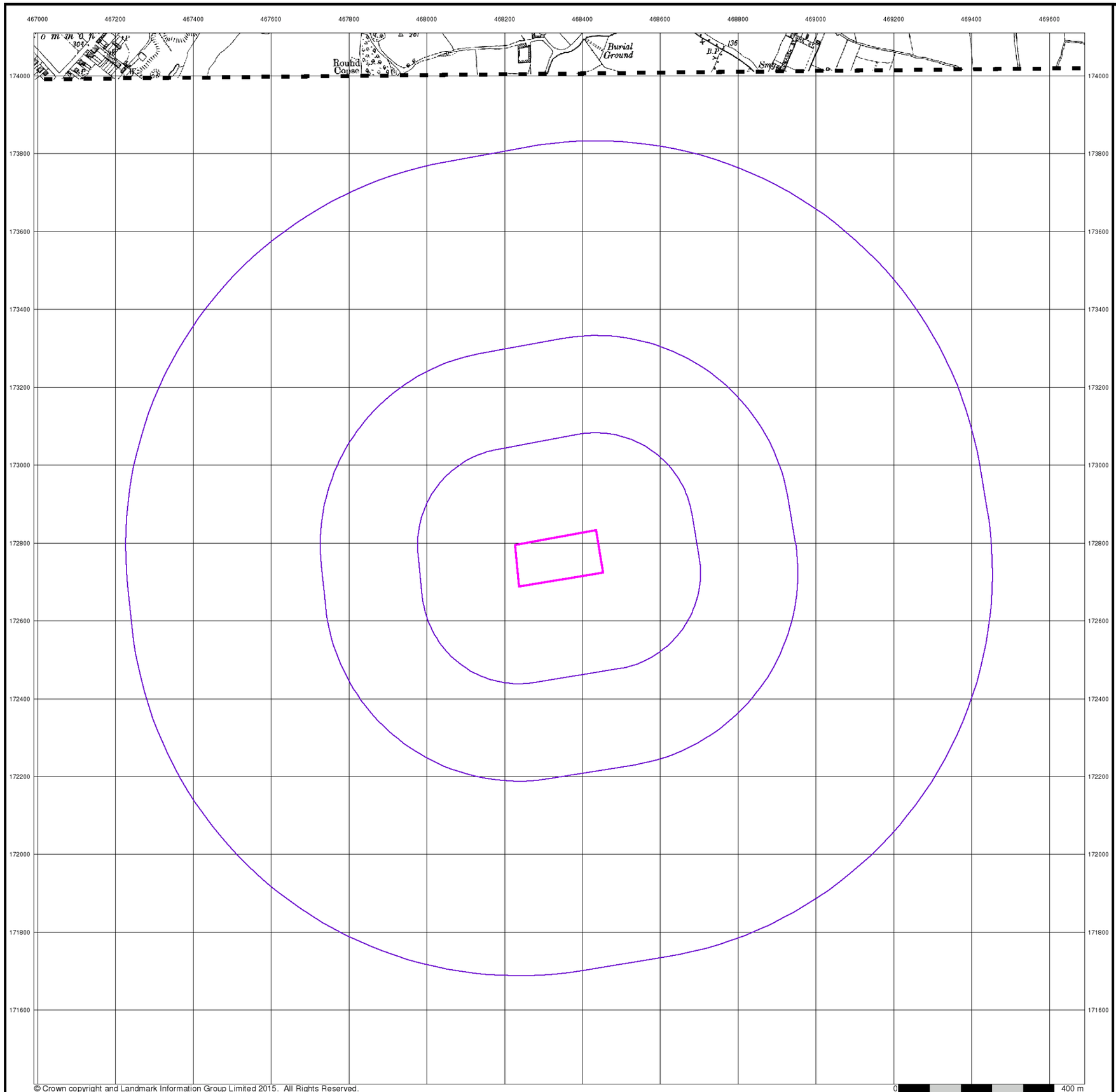
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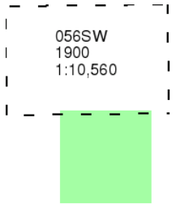
Oxfordshire

Published 1900

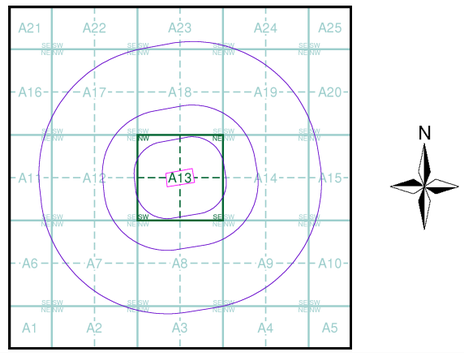
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

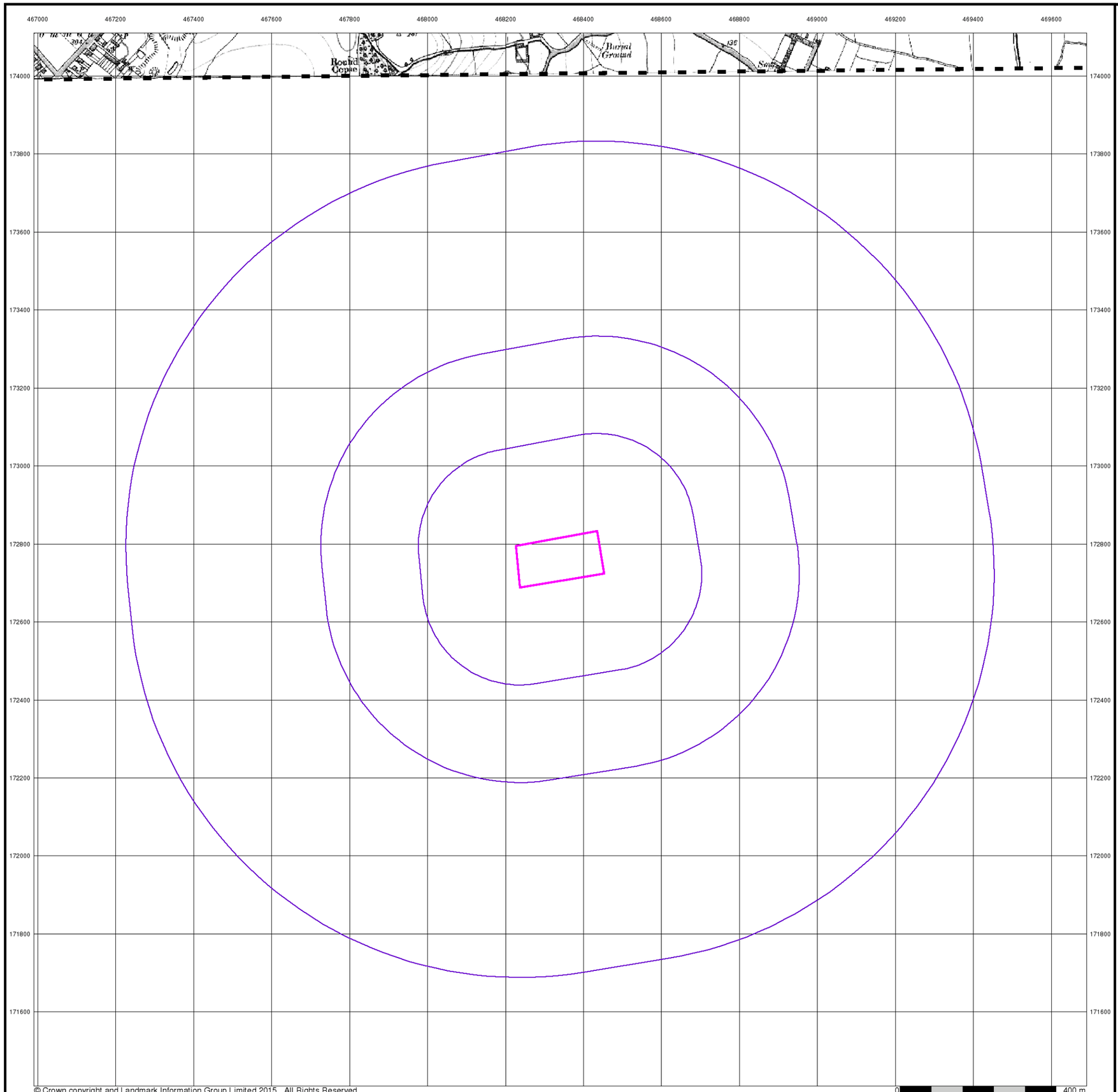
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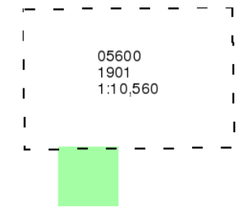
Oxfordshire

Published 1901

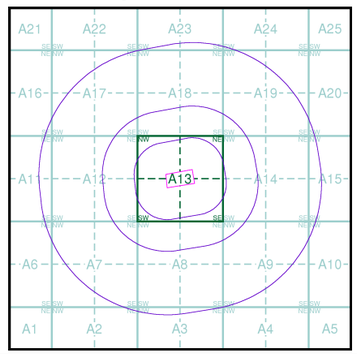
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Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

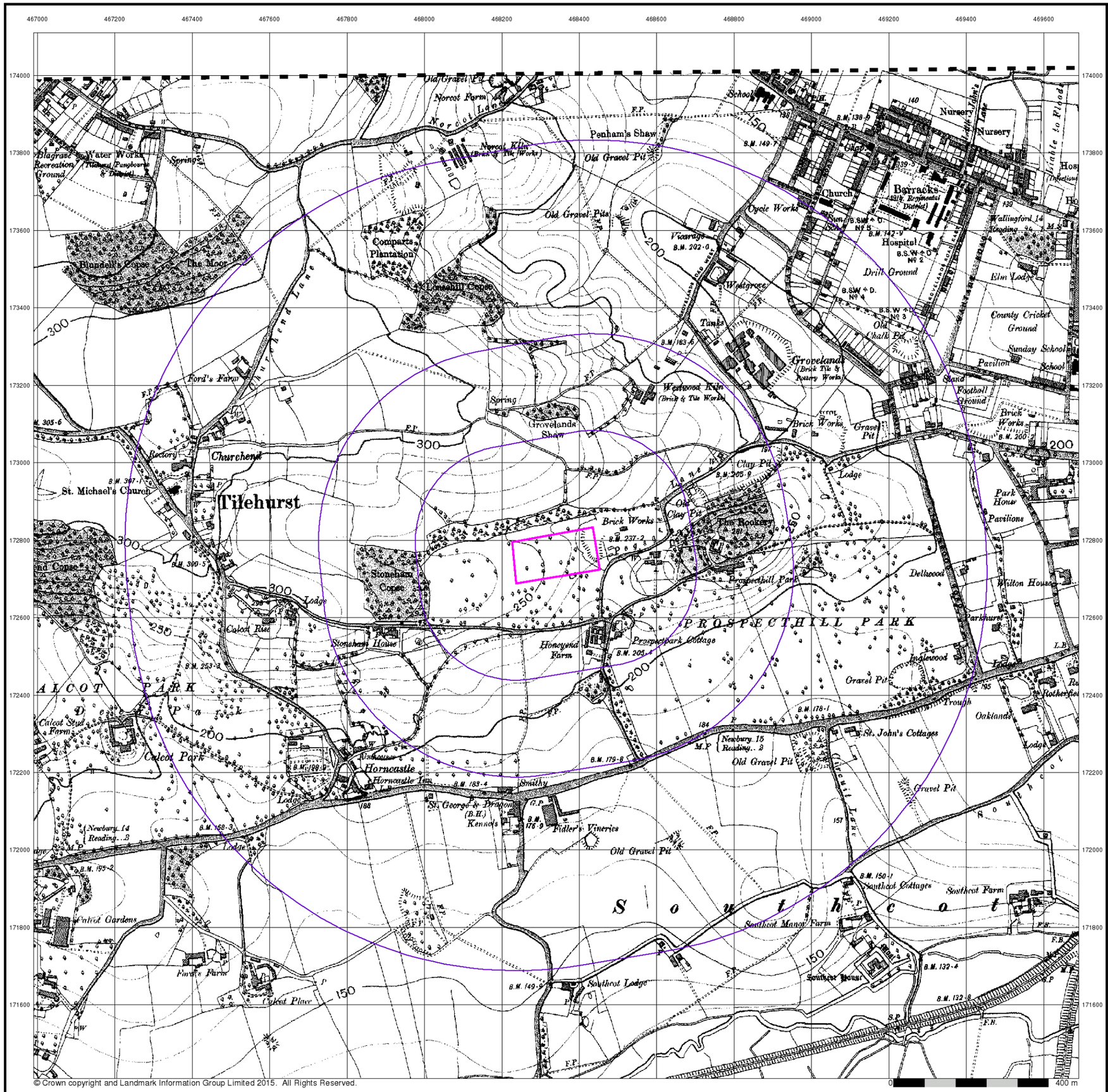
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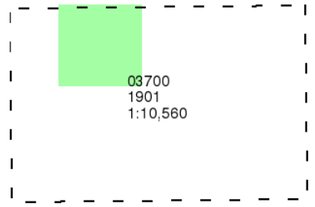
Berkshire

Published 1901

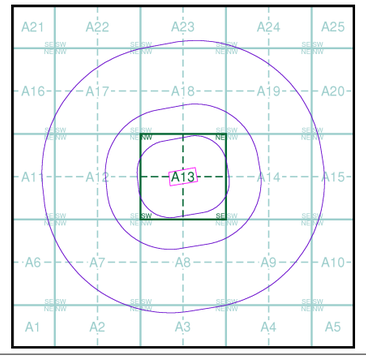
Source map scale - 1:10,560

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Map Name(s) and Date(s)



Historical Map - Slice A



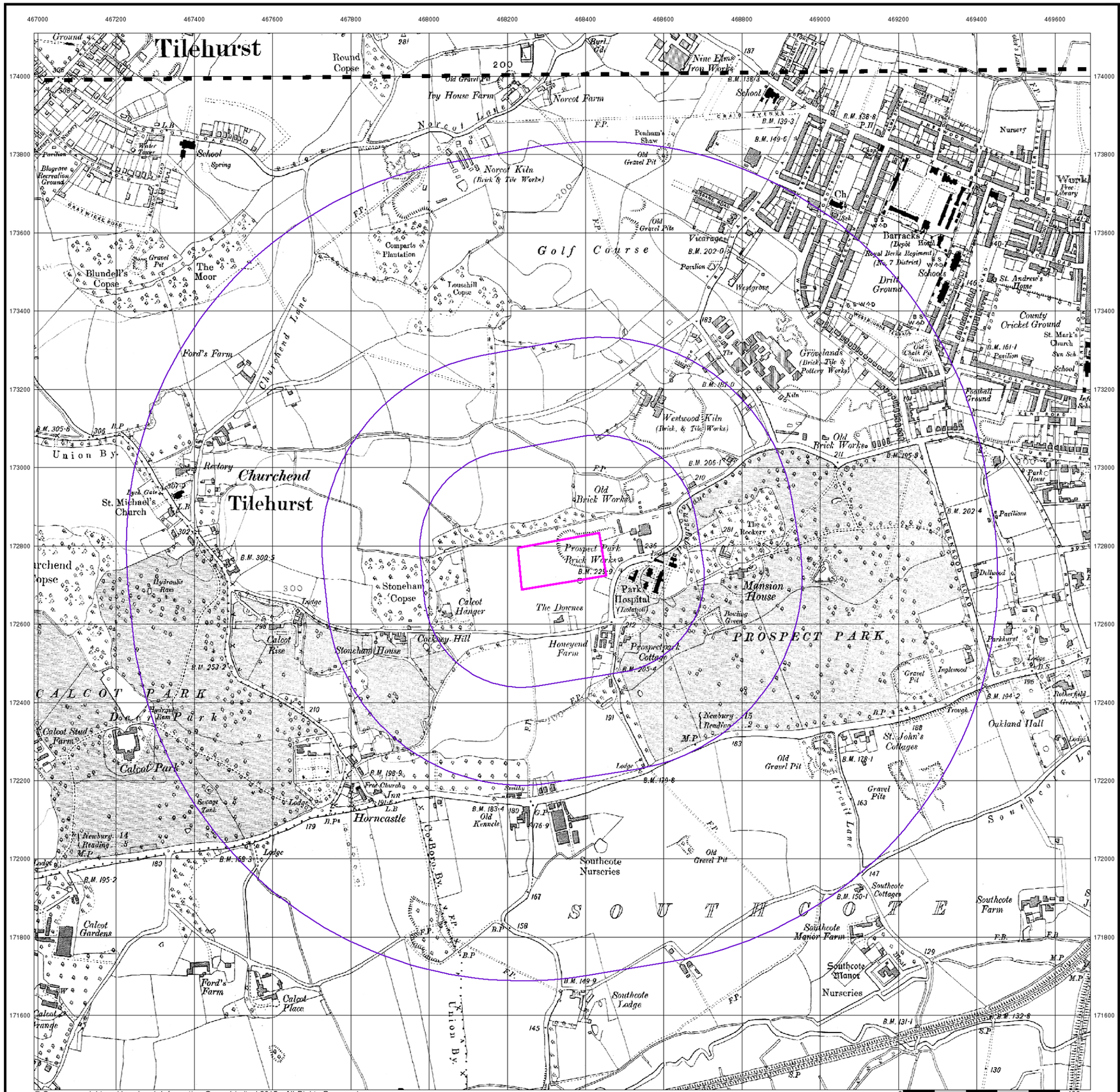
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Berkshire

Published 1914

Source map scale - 1:10,560

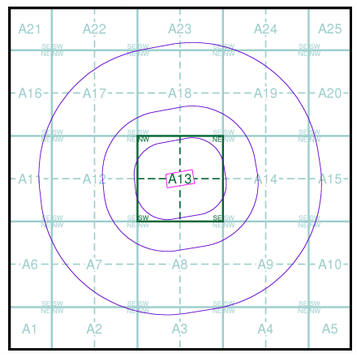
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Map Name(s) and Date(s)

029SW
1914
1:10,560

037NW
1914
1:10,560

Historical Map - Slice A



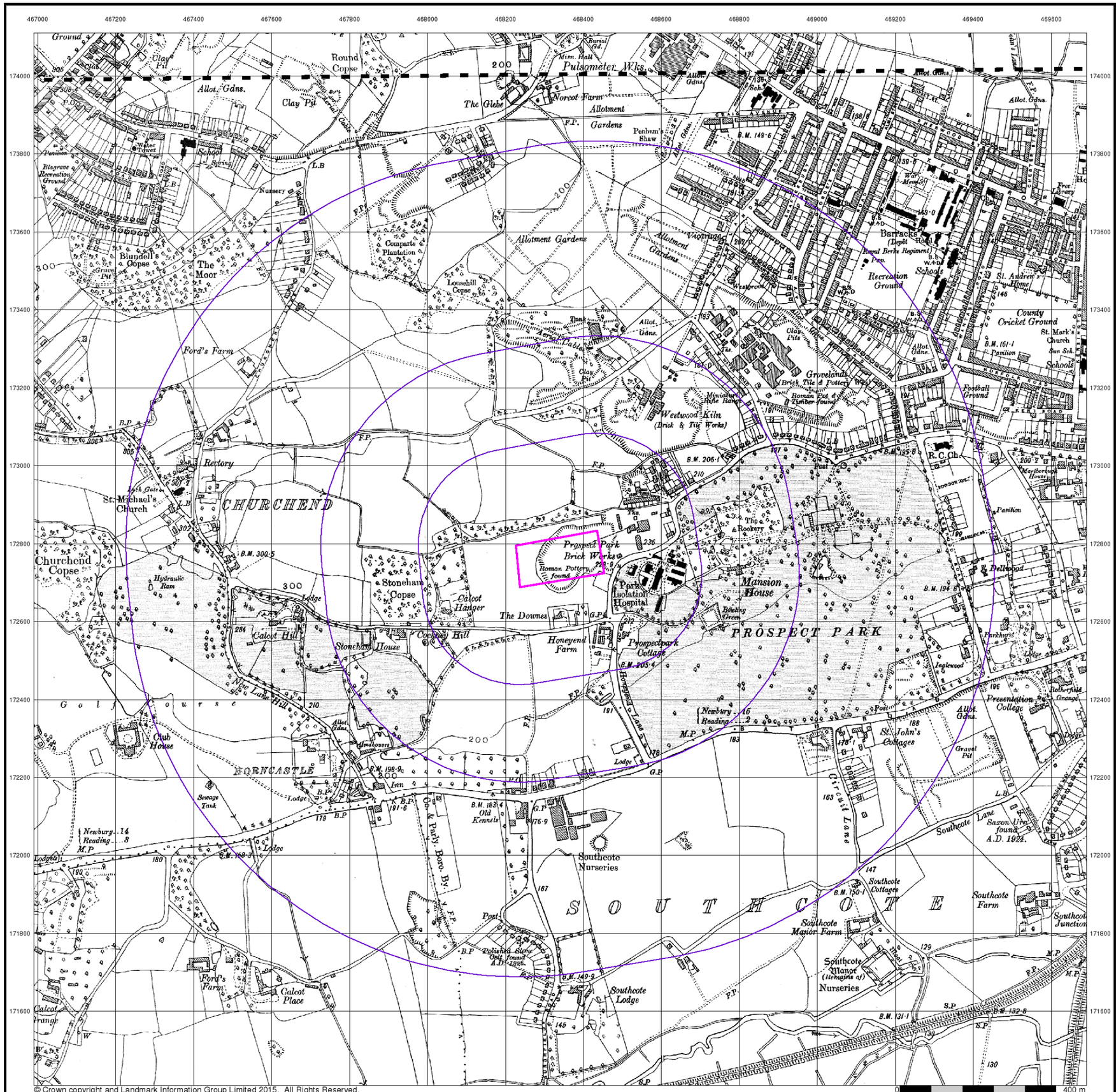
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Berkshire

Published 1932

Source map scale - 1:10,560

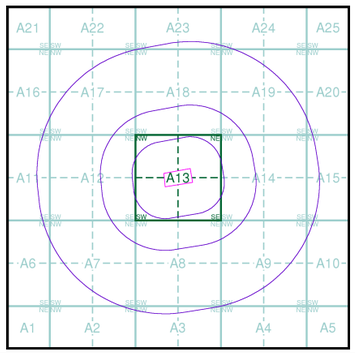
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Map Name(s) and Date(s)

029SW
1932
1:10,560

037NW
1932
1:10,560

Historical Map - Slice A



Order Details

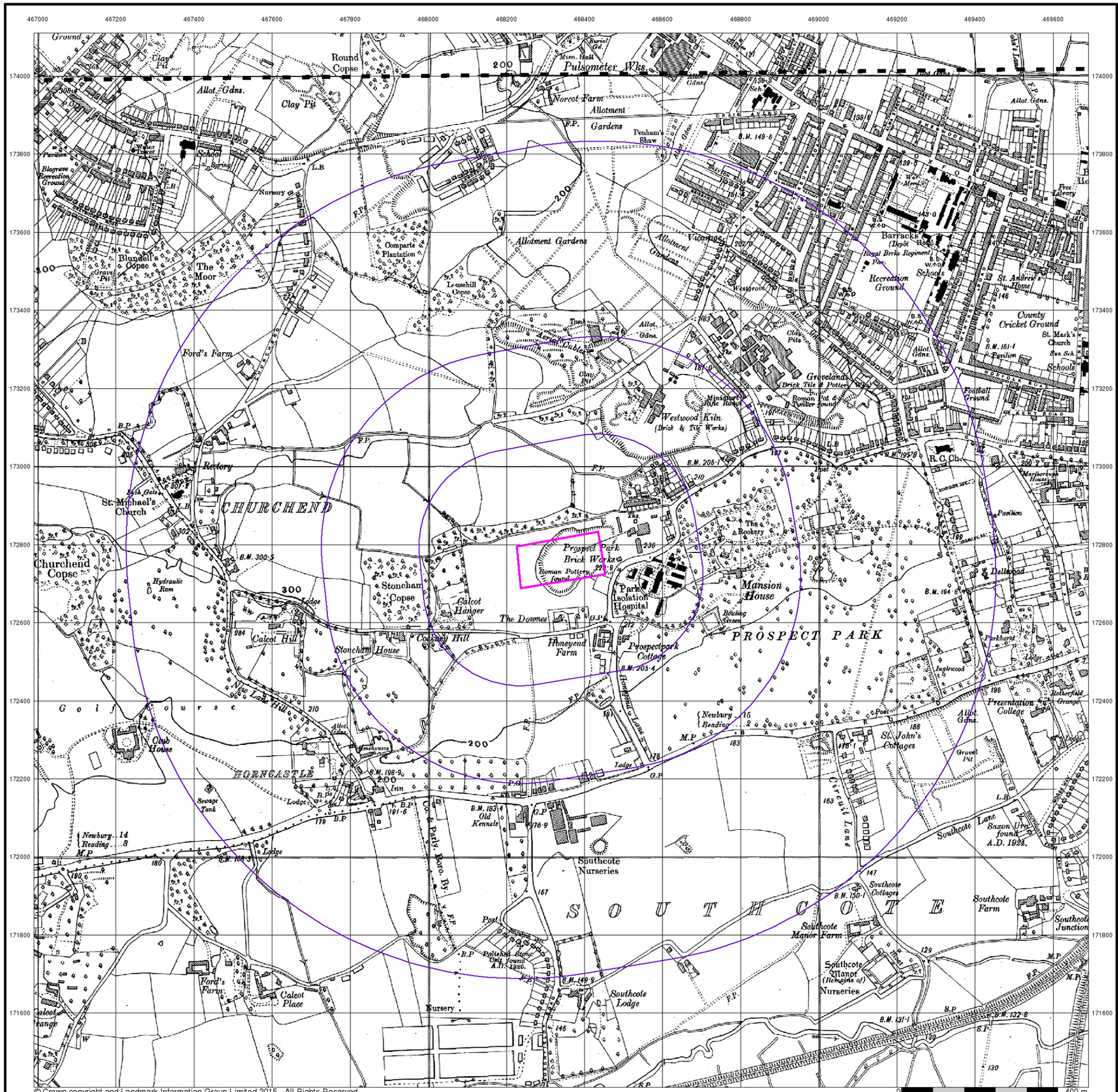
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Berkshire

Published 1938

Source map scale - 1:10,560

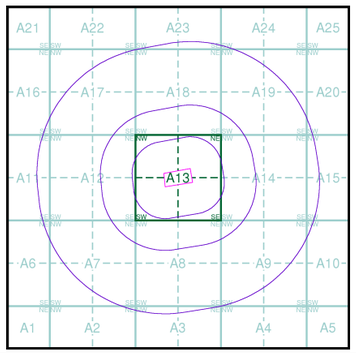
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Map Name(s) and Date(s)

029SW
1938
1:10,560

037NW
1938
1:10,560

Historical Map - Slice A



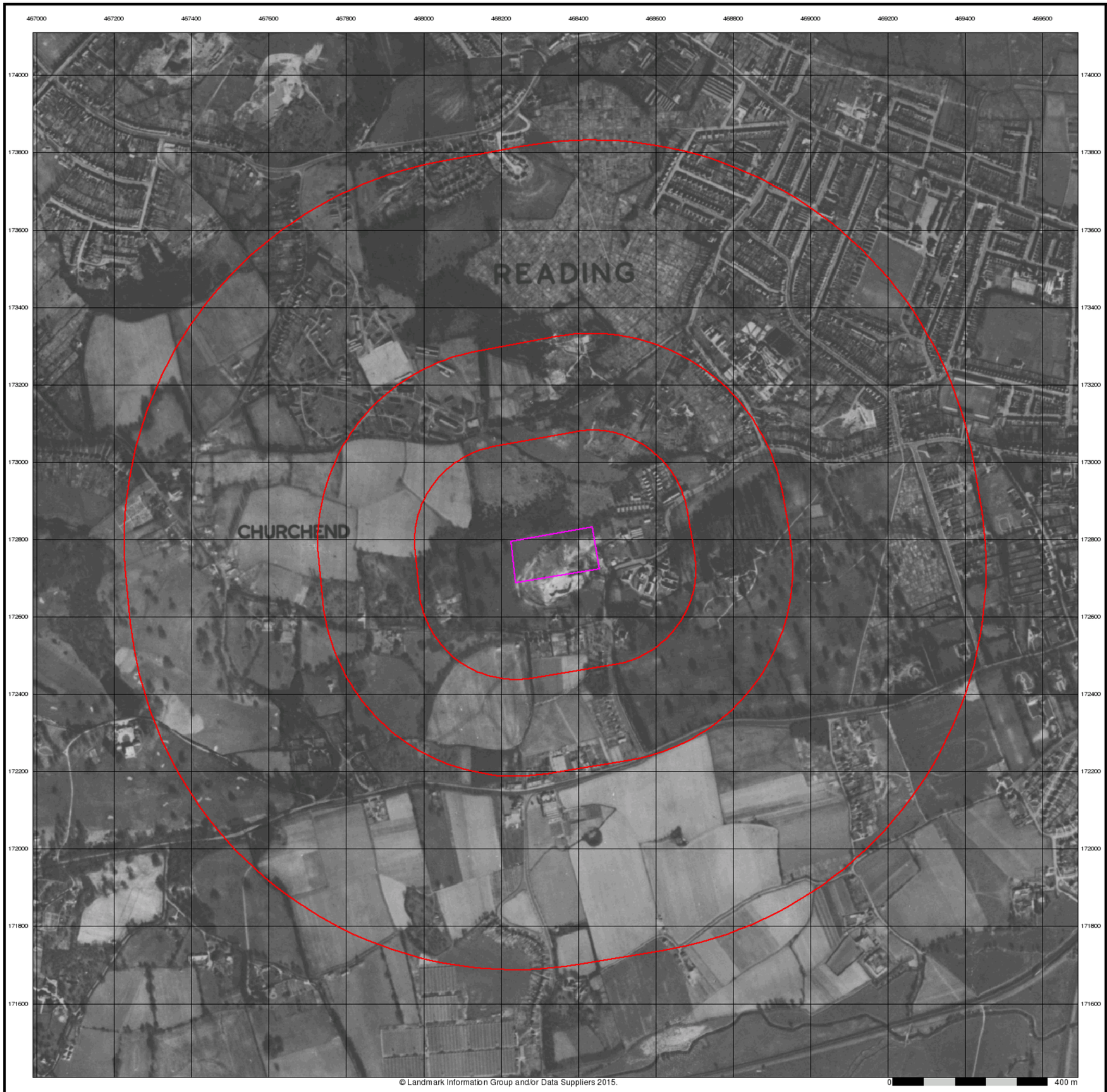
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Historical Aerial Photography

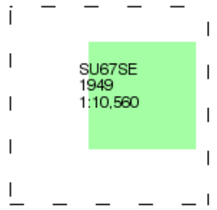
Published 1949

Source map scale - 1:10,560

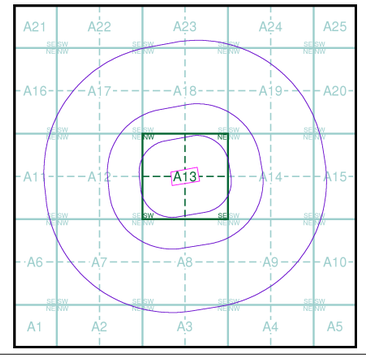
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



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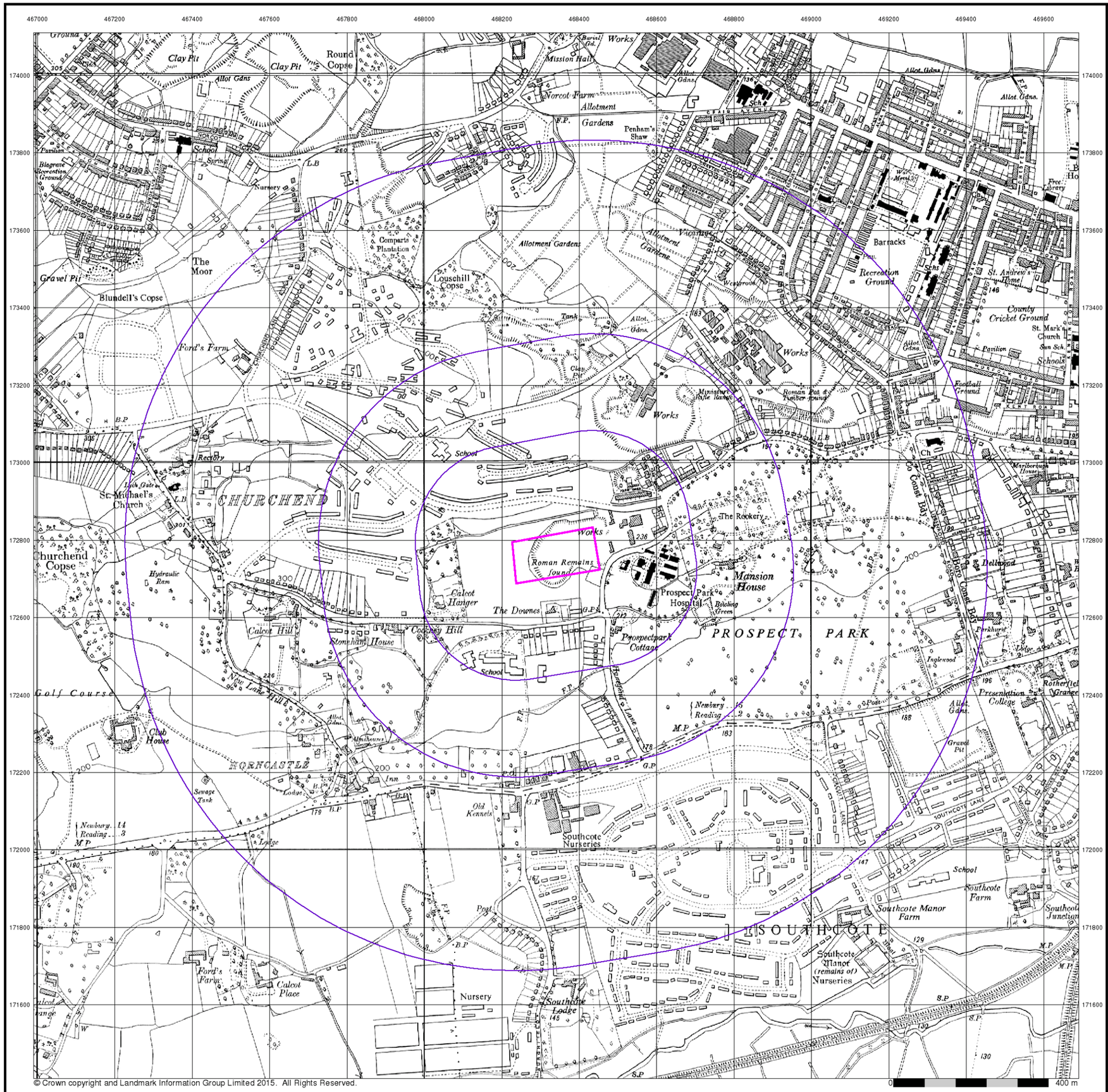
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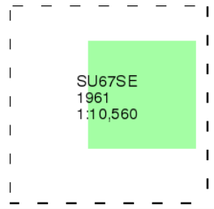
Ordnance Survey Plan

Published 1961

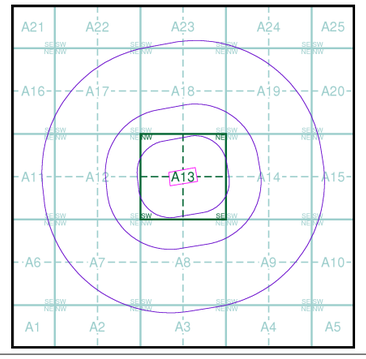
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Map Name(s) and Date(s)



Historical Map - Slice A



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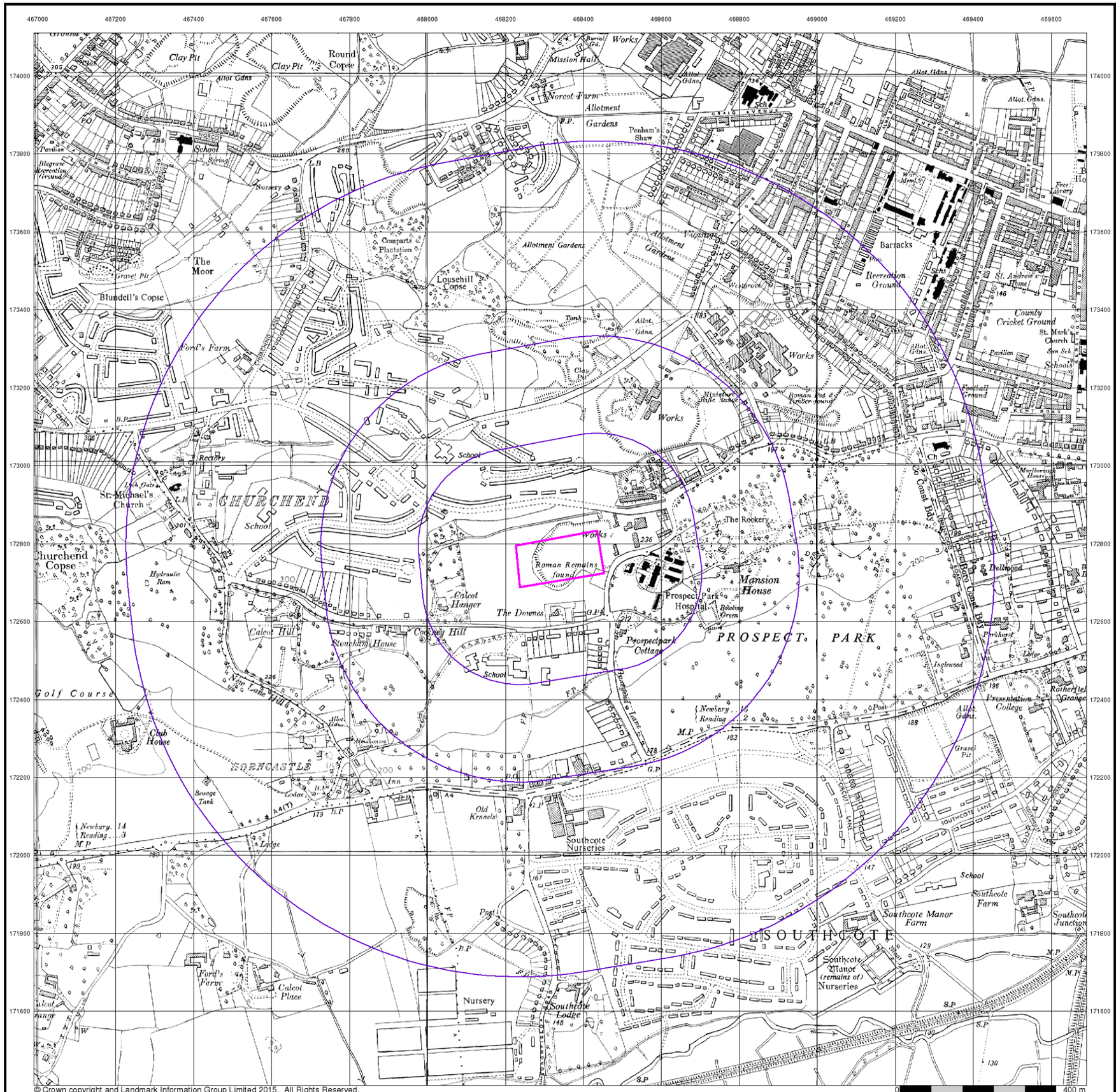
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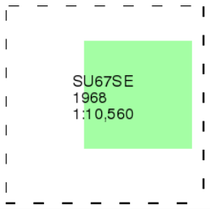
Ordnance Survey Plan

Published 1968

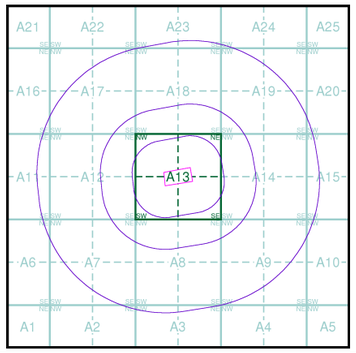
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Map Name(s) and Date(s)



Historical Map - Slice A



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Site Details

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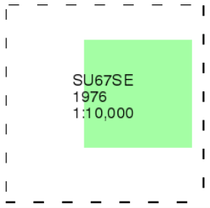
Ordnance Survey Plan

Published 1976

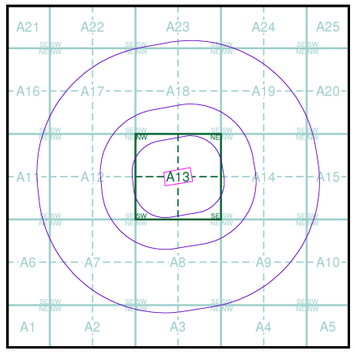
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

Landmark Information Group

Tel: 0844 844 9952
Fax: 0844 844 9951
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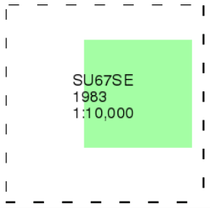
Ordnance Survey Plan

Published 1983

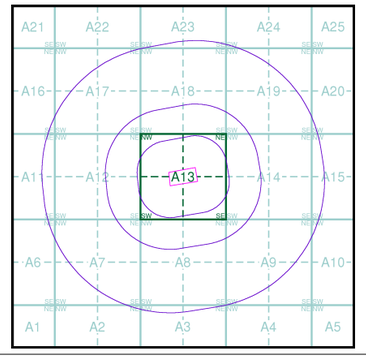
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

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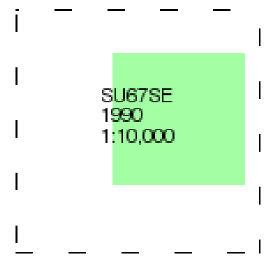
Reading

Published 1990

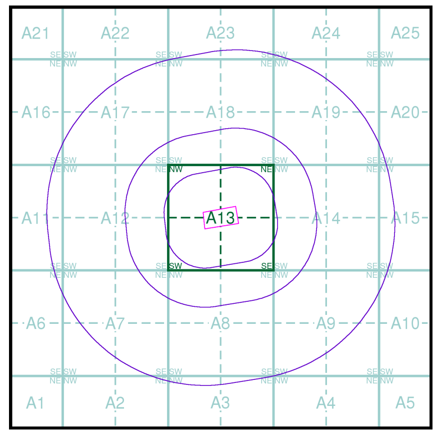
Source map scale - 1:10,000

These maps were produced by the Russian military during the Cold War between 1950 and 1997, and cover 103 towns and cities throughout the U.K. The maps are produced at 1:25,000, 1:10,000 and 1:5,000 scale, and show detailed land use, with colour-coded areas for development, green areas, and non-developed areas. Buildings are coloured black and important building uses (such as hospitals, post offices, factories etc.) are numbered, with a numbered key describing their use.
They were produced by the Russians for the benefit of navigation, as well as strategic military sites and transport hubs, for use if they were to have invaded the U.K. The detailed information provided indicates that the areas were surveyed using land-based personnel, on the ground, in the cities that are mapped.

Map Name(s) and Date(s)



Russian Map - Slice A



N

Order Details

Order Number: 65211460_1_1
Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

Site Details

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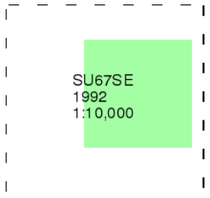
Ordnance Survey Plan

Published 1992

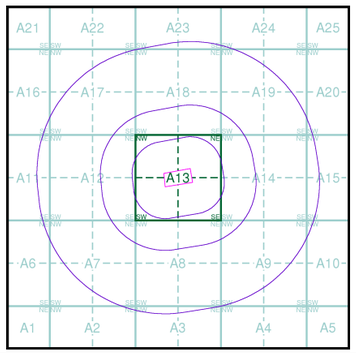
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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Site Area (Ha):	2.35
Search Buffer (m):	1000

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10k Raster Mapping

Published 2006

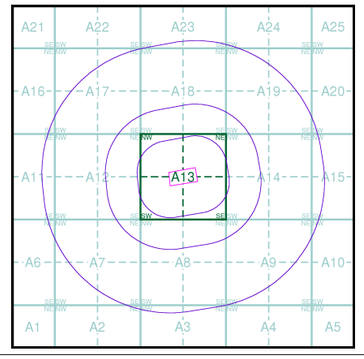
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

SU67SE
2006
1:10,000

Historical Map - Slice A



Order Details

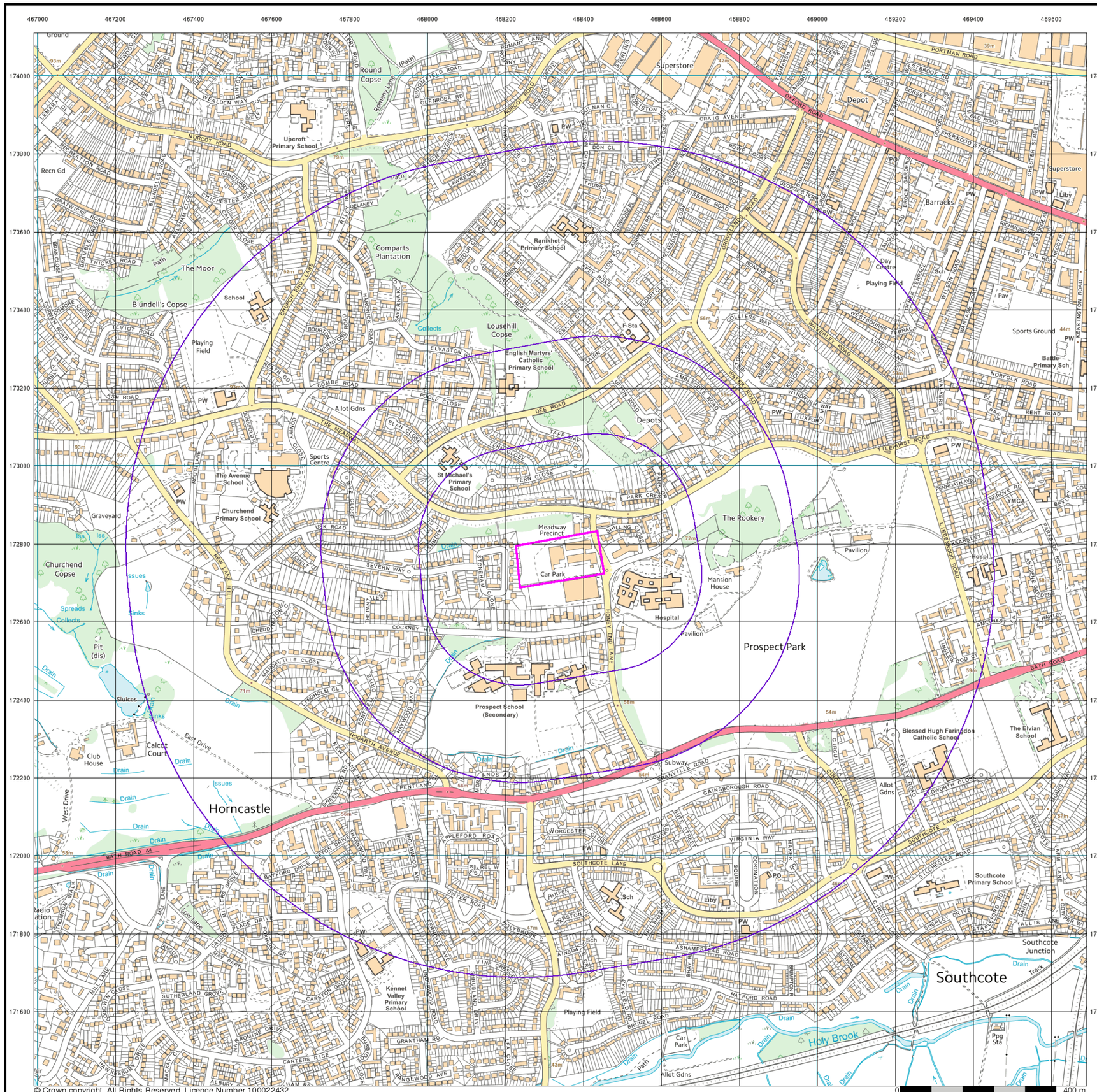
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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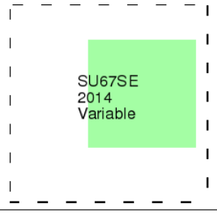
VectorMap Local

Published 2014

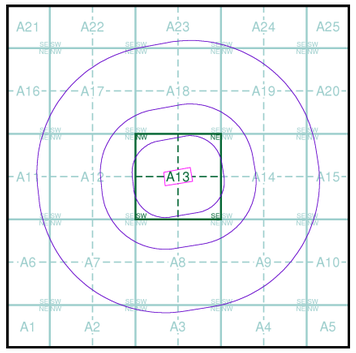
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

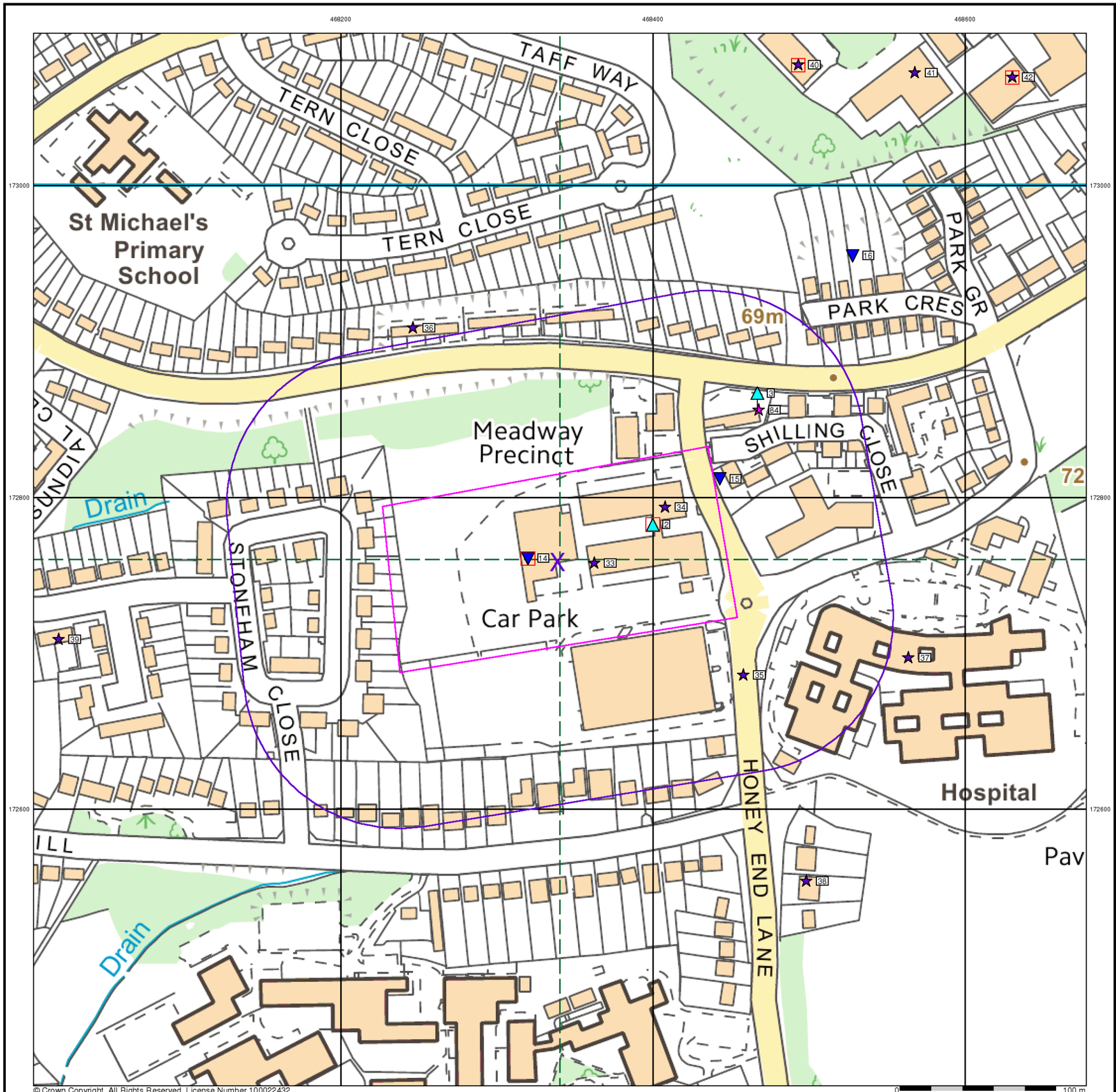
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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Envirocheck®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

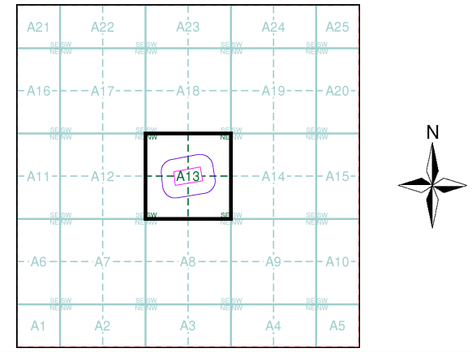
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13



Order Details

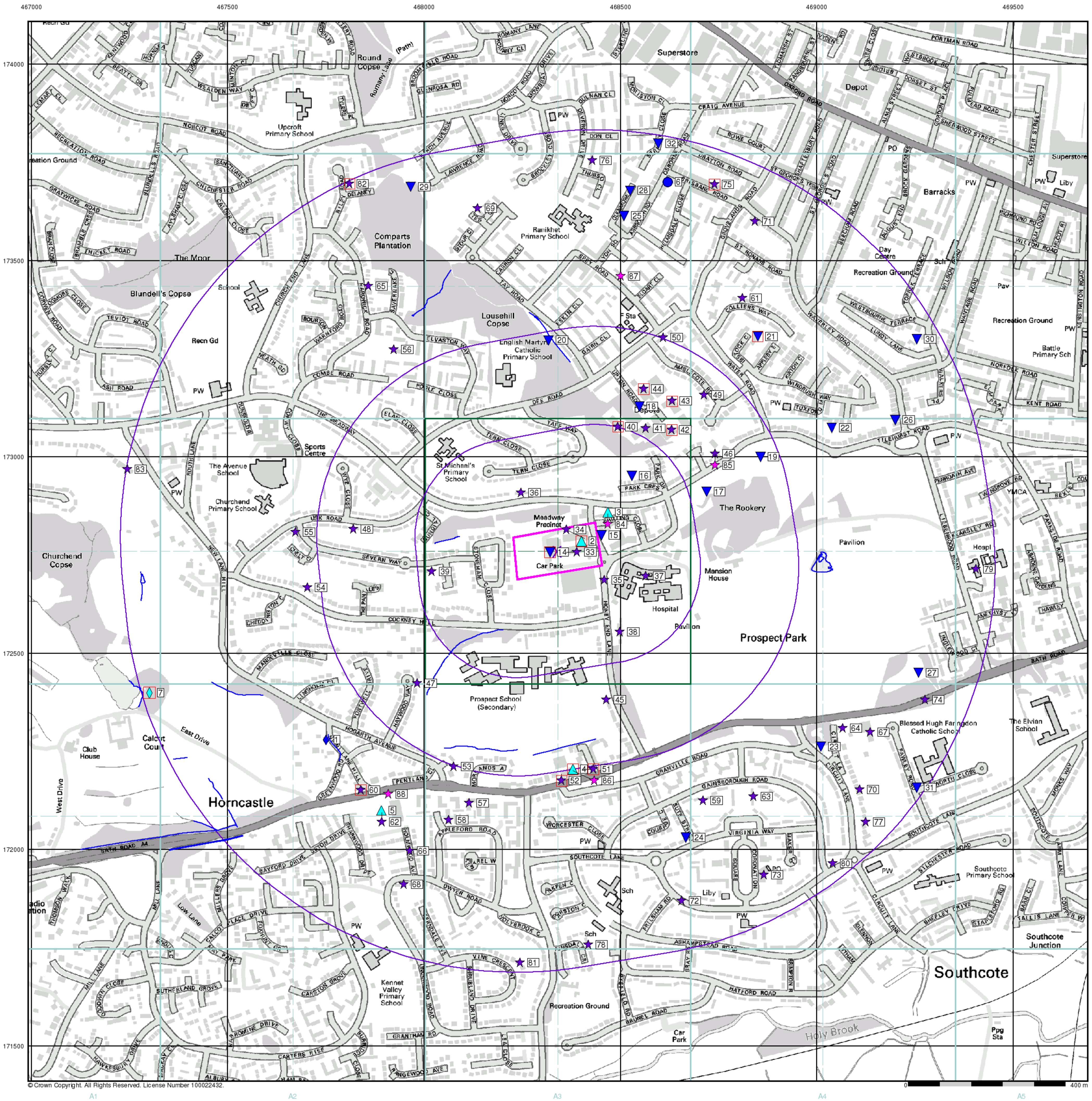
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Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35

Site Details

Site at 468400, 172760

Landmark Information Group

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



Envirocheck®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

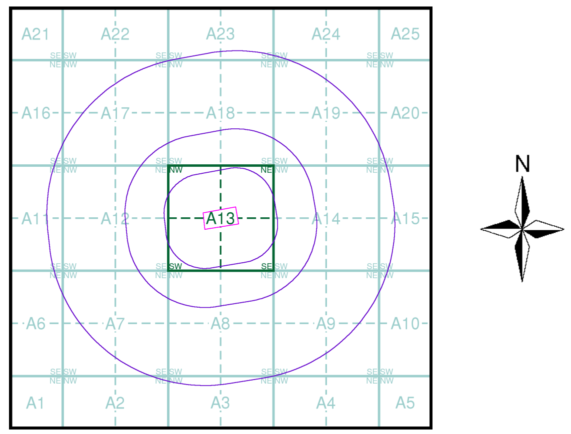
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

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

Site Sensitivity Map - Slice A



Order Details

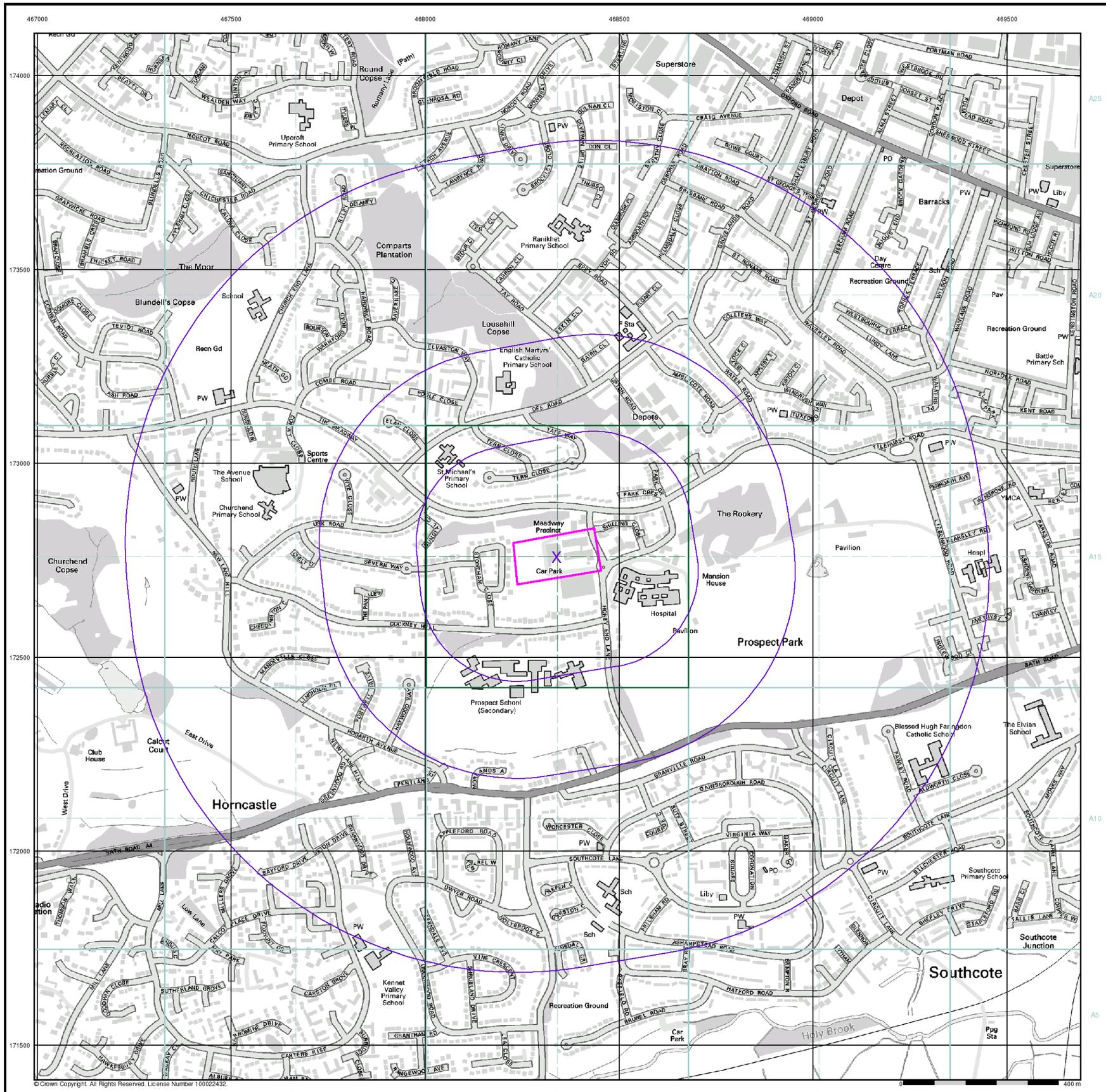
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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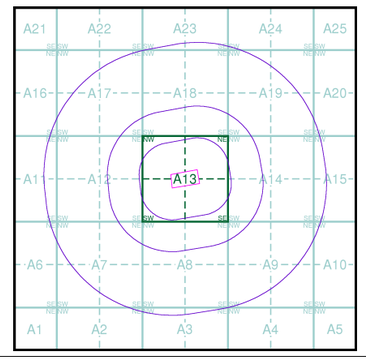
General

- Specified Site
- Specified Buffer(s)
- X 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



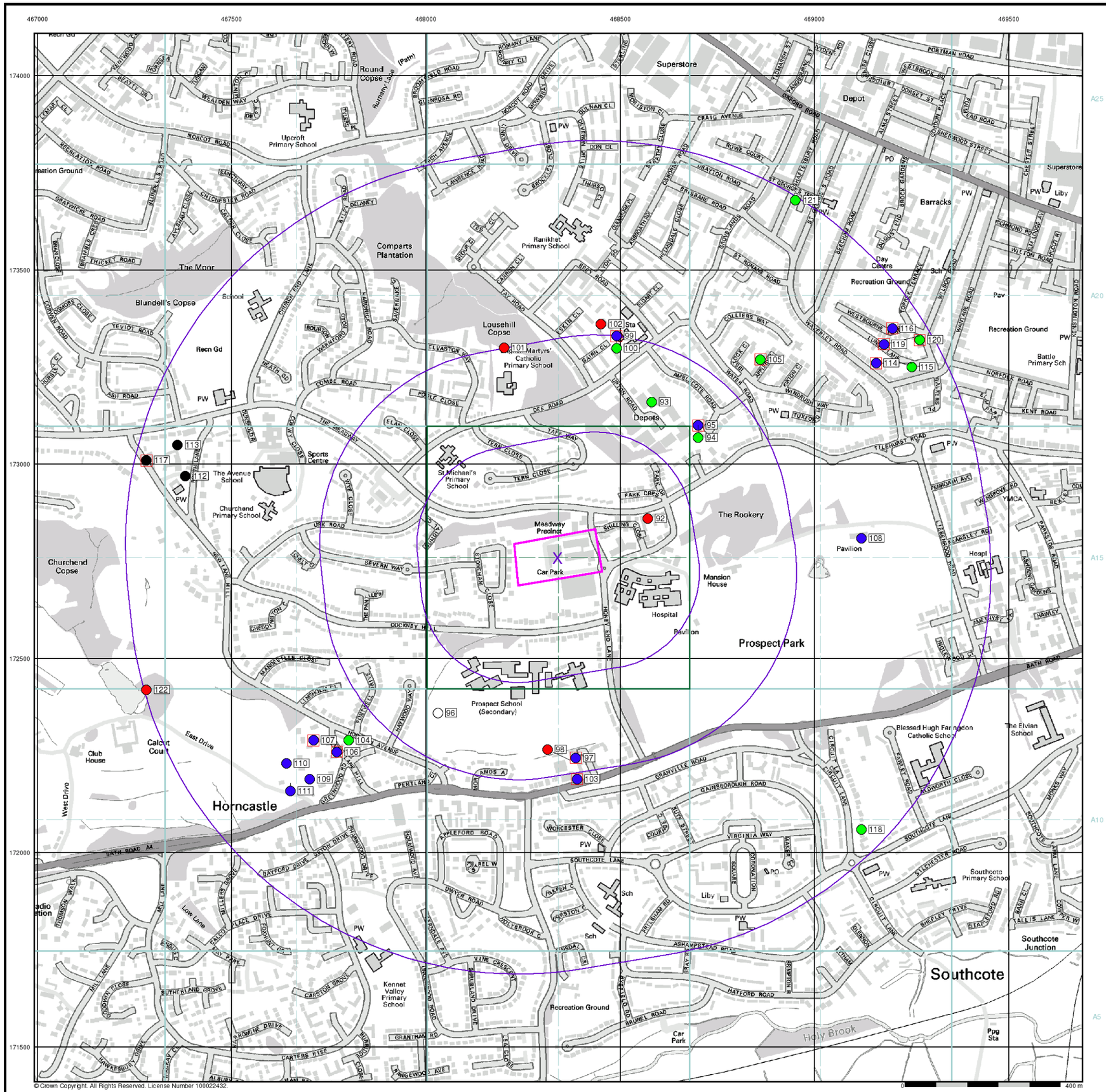
Order Details

Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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General

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

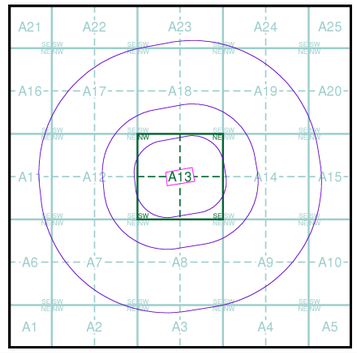
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

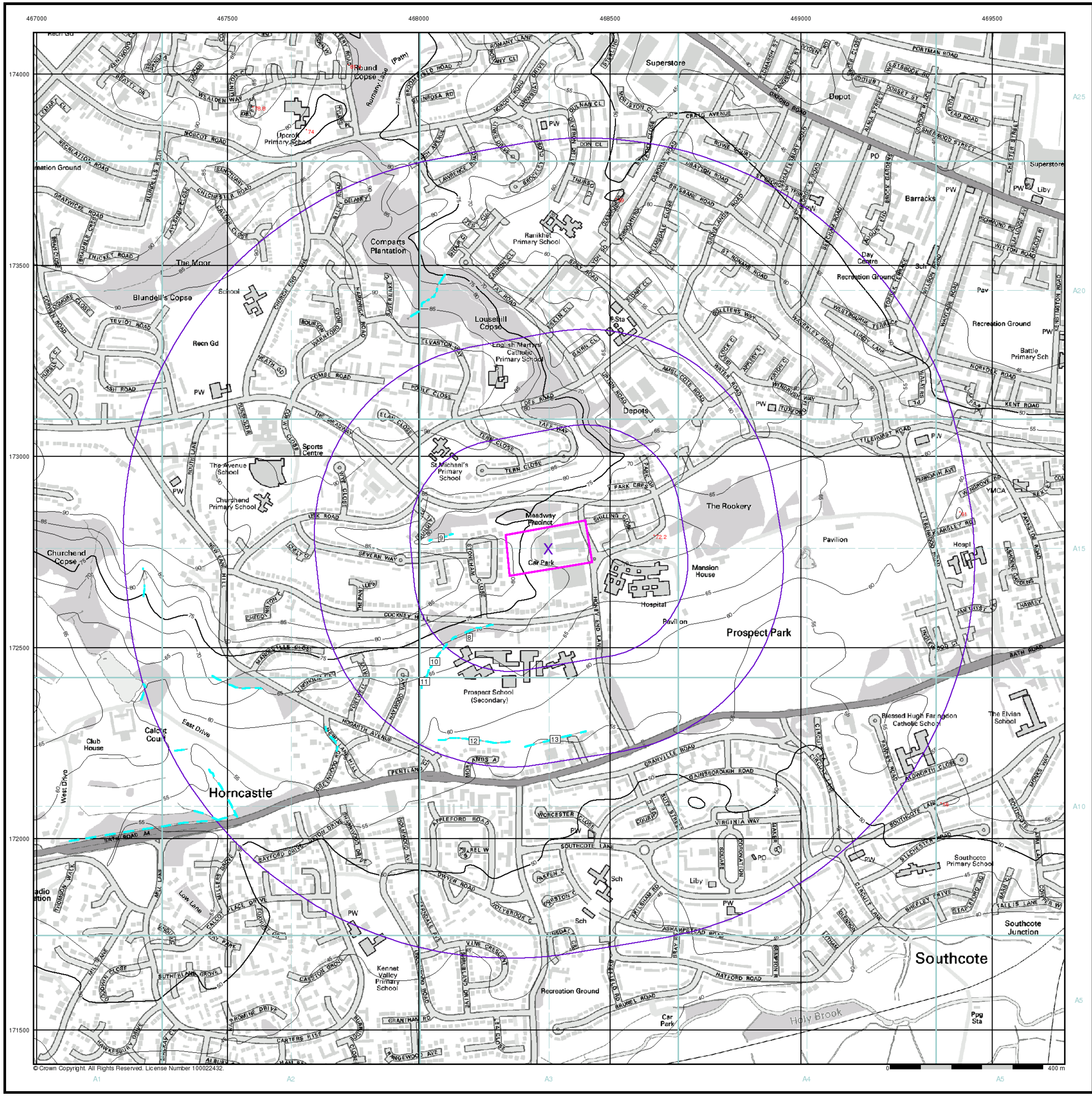
Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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General

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

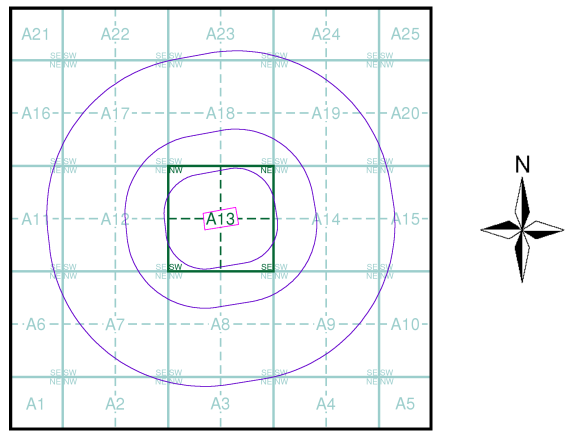
Detailed River Network Data

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

Contours (height in metres)

- Standard Contour (105)
- Master Contour (100, 95)
- Spot Height (167.3)
- MLW Mean Low Water
- MHW Mean High Water

EA/NRW Detailed River Network Map - Slice A



Order Details

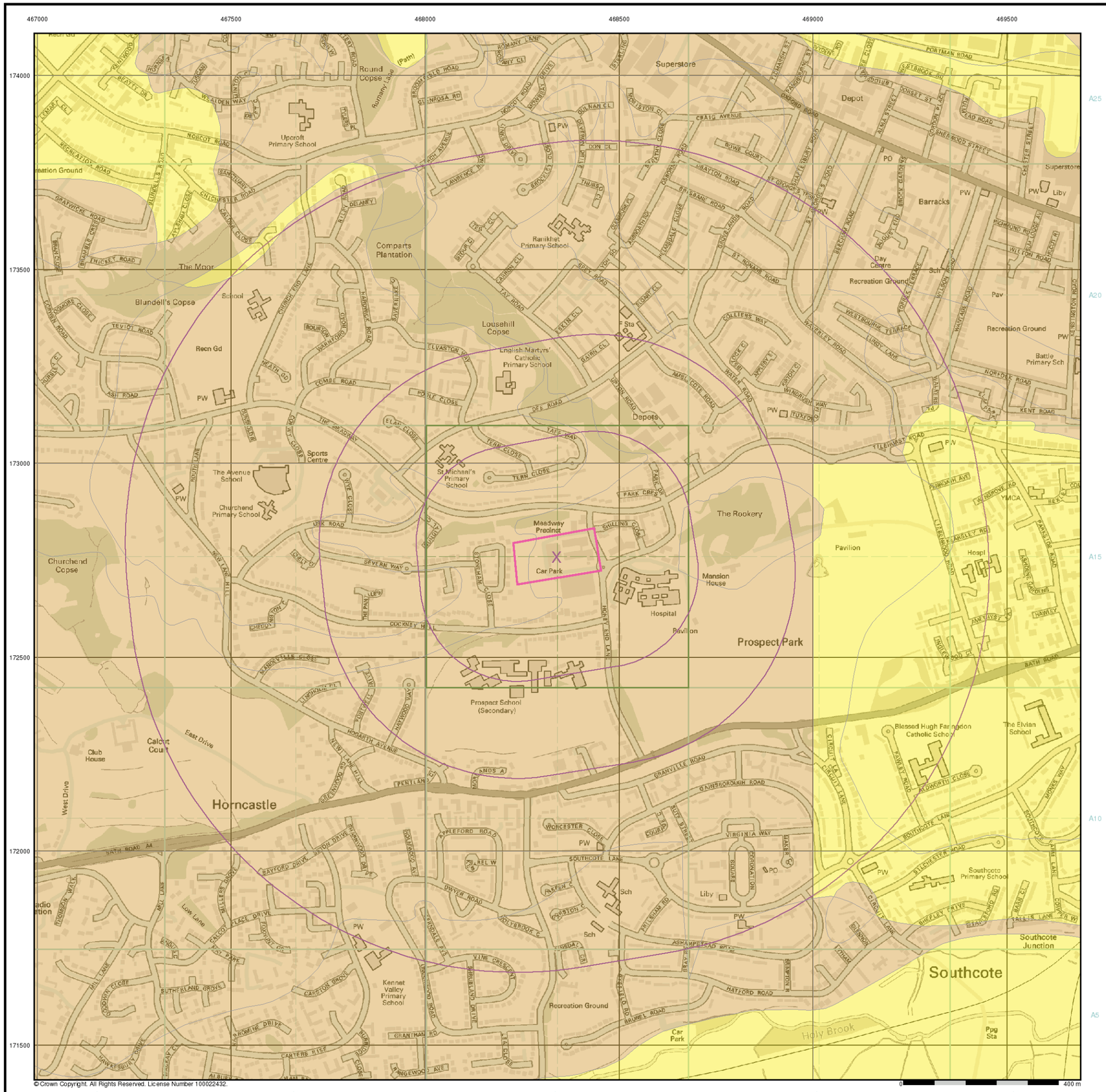
Order Number: 65211460_1_1
Customer Ref: L00628
National Grid Reference: 468340, 172760
Slice: A
Site Area (Ha): 2.35
Search Buffer (m): 1000

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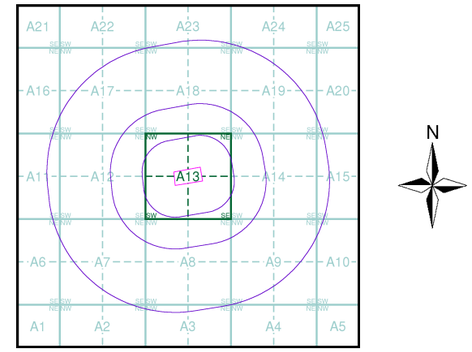
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

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

Estimated Soil Chemistry Arsenic - Slice A



Order Details

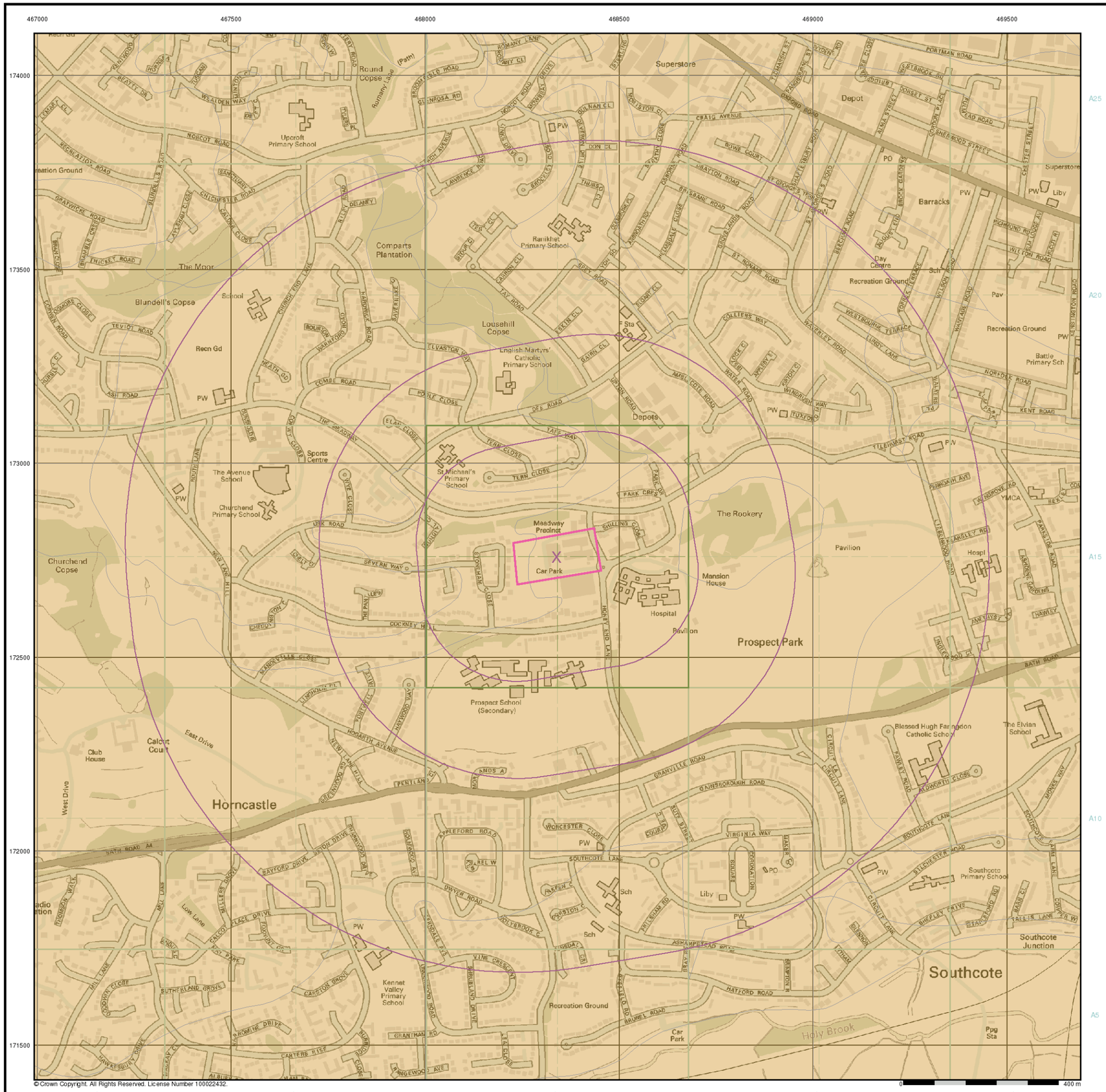
Order Details:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

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General

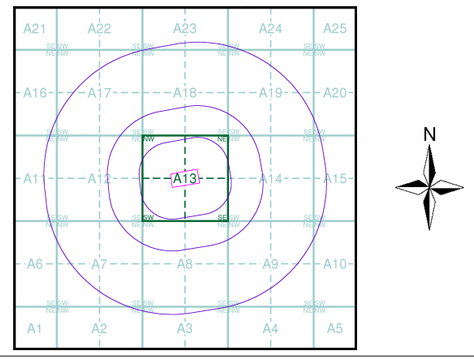
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

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

Estimated Soil Chemistry Cadmium - Slice A



Order Details

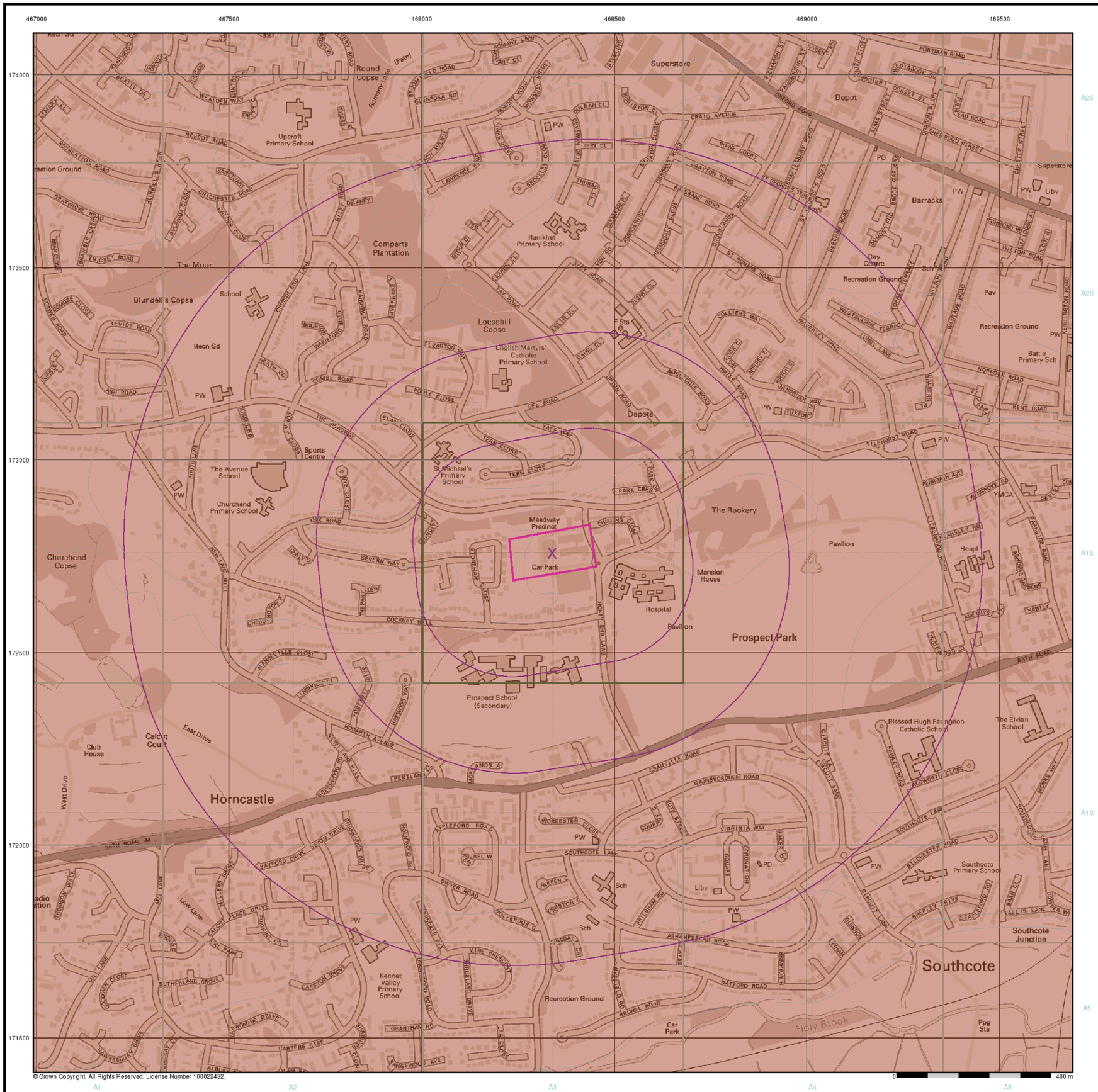
Order Details:	65211460_1_1
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General

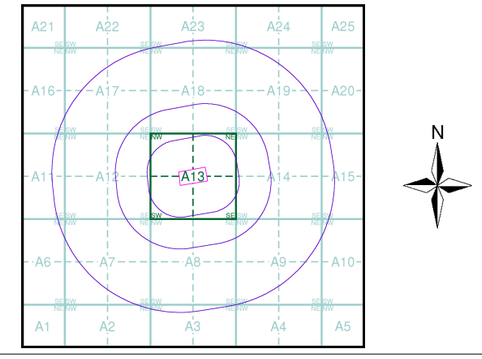
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

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

Estimated Soil Chemistry Chromium - Slice A



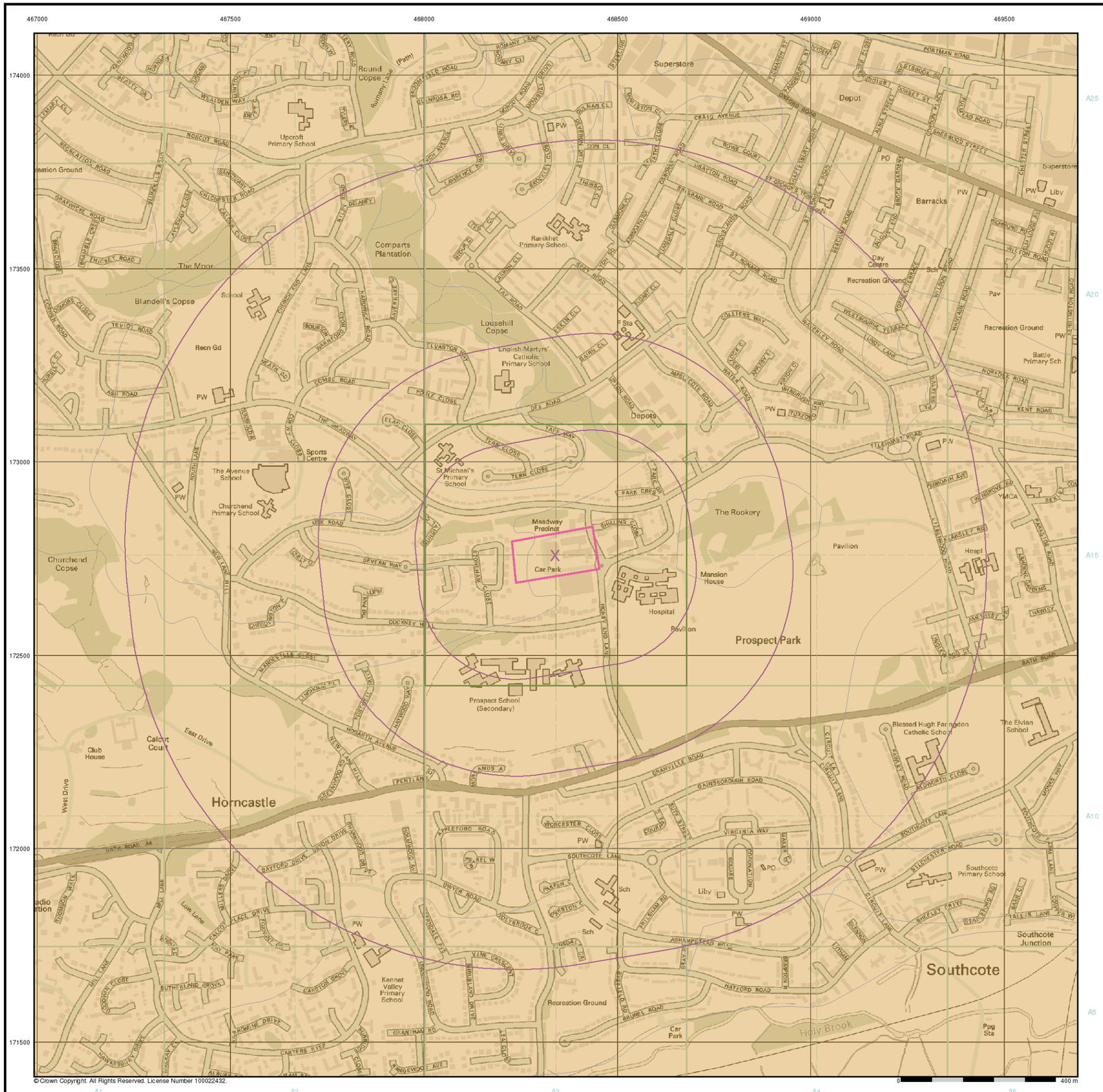
Order Details

Order Details:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	1000

Site Details

Site at 468400, 172760

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General

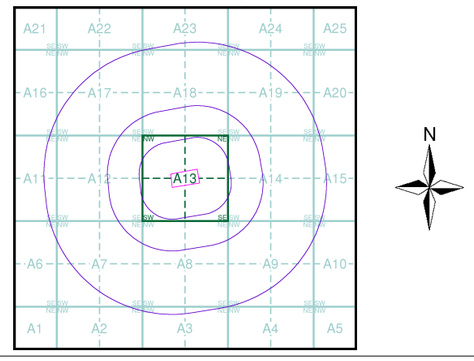
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- < 150
- 150 - 300
- 300 - 600
- 600 - 900
- > 900

Estimated Soil Chemistry Lead - Slice A



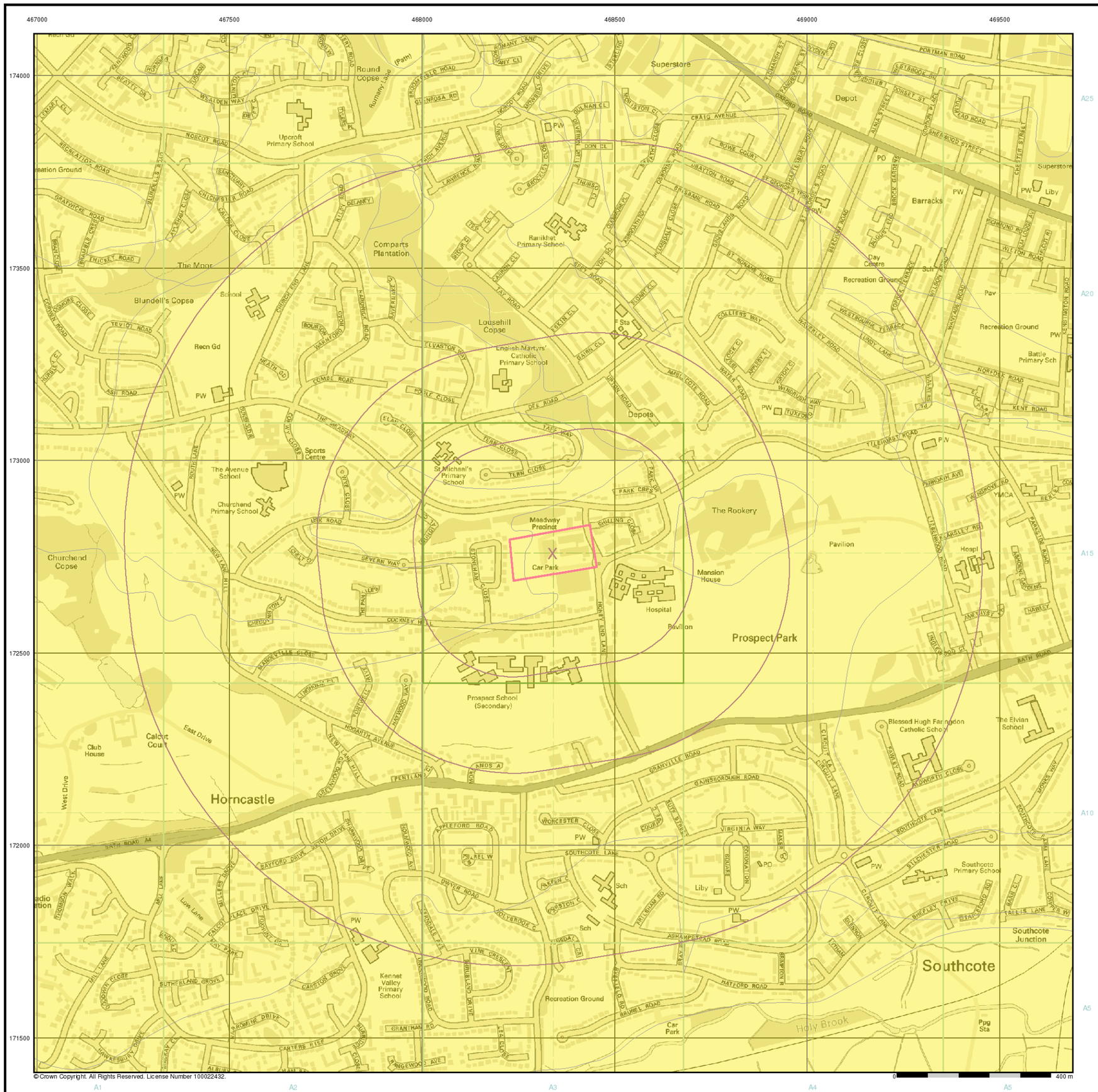
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General

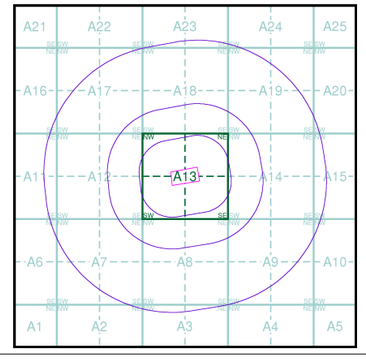
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

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

Estimated Soil Chemistry Nickel - Slice A



Order Details

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Site Details

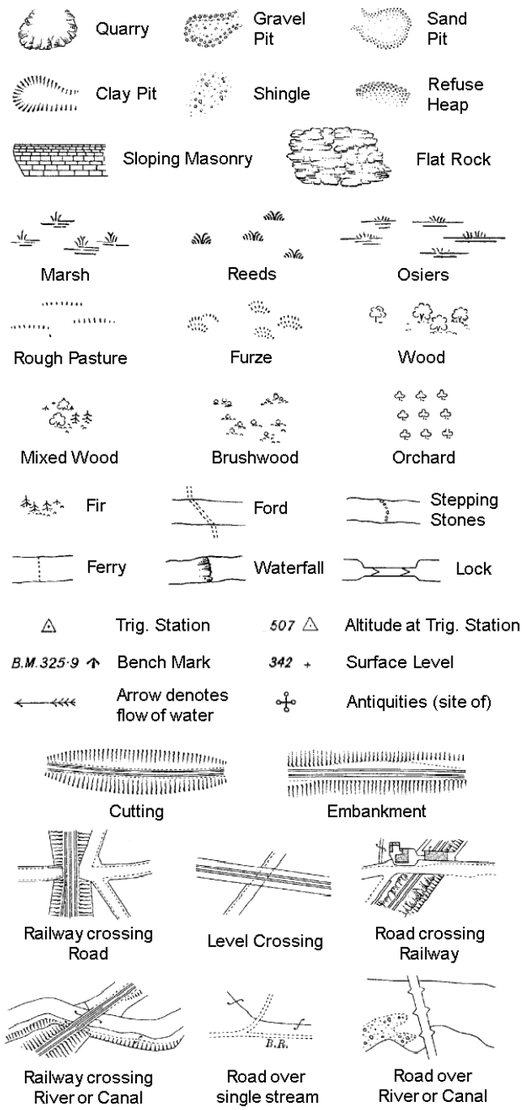
Site at 468400, 172760

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Historical Mapping Legends

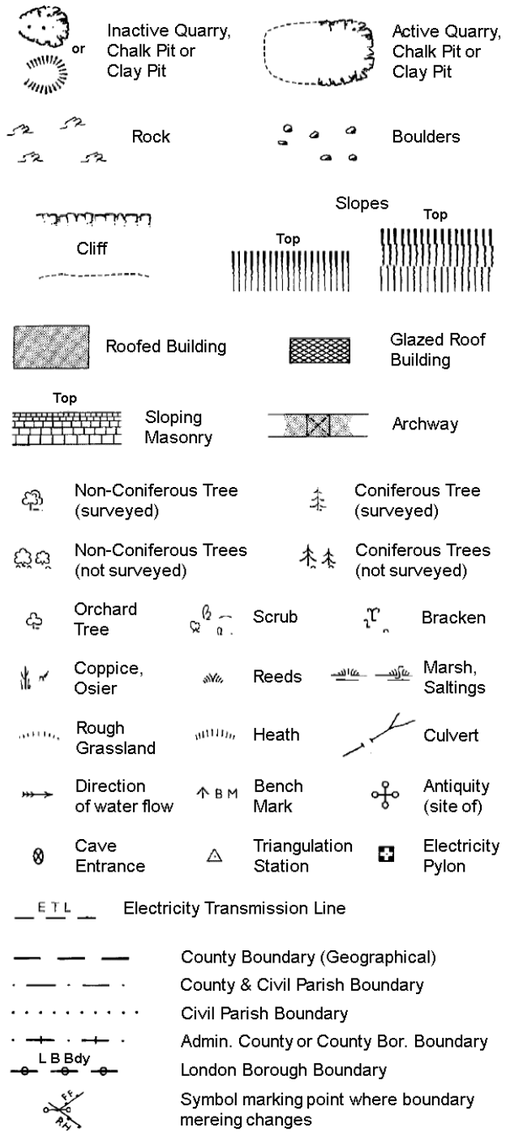
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy.
County Borough Boundary (England)
Co. Burgh Bdy.
County Burgh Boundary (Scotland)

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

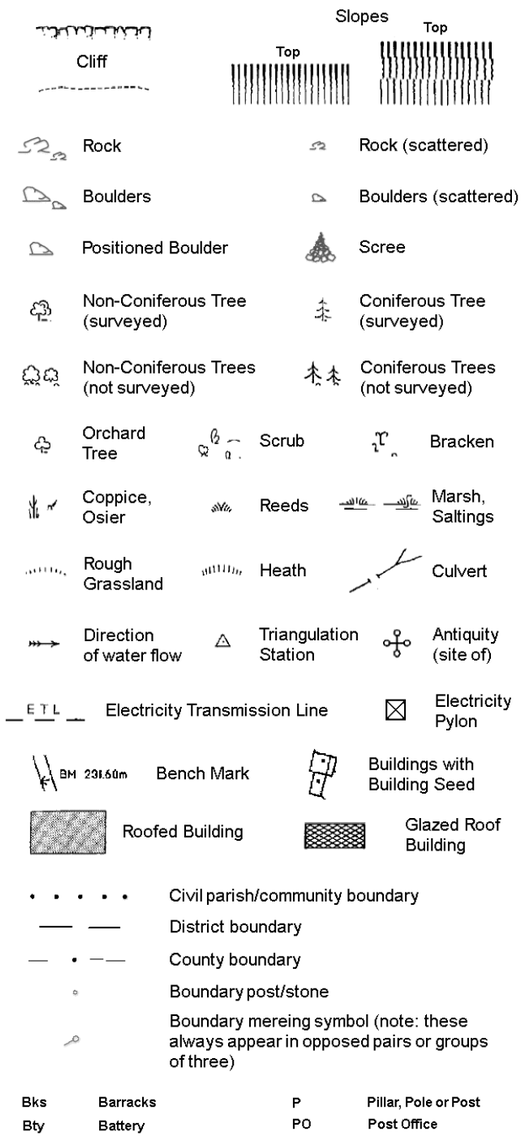
Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
L B Bdy
London Borough Boundary
Symbol marking point where boundary mereing changes

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

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



Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)

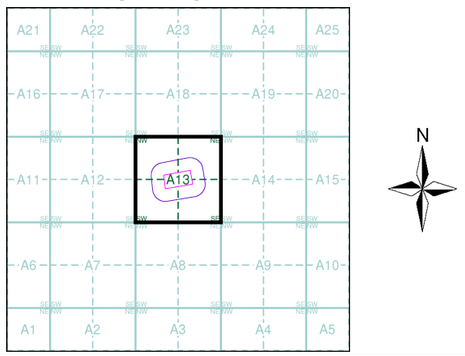
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity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

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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Berkshire	1:2,500	1881	2
Berkshire	1:2,500	1899	3
Berkshire	1:2,500	1911	4
Berkshire	1:2,500	1932	5
Ordnance Survey Plan	1:1,250	1961	6
Additional SIMs	1:1,250	1961 - 1977	7
Ordnance Survey Plan	1:2,500	1962	8
Ordnance Survey Plan	1:1,250	1971 - 1976	9
Supply of Unpublished Survey Information	1:1,250	1974	10
Ordnance Survey Plan	1:1,250	1981	11
Large-Scale National Grid Data	1:1,250	1993	12
Large-Scale National Grid Data	1:1,250	1996	13

Historical Map - Segment A13



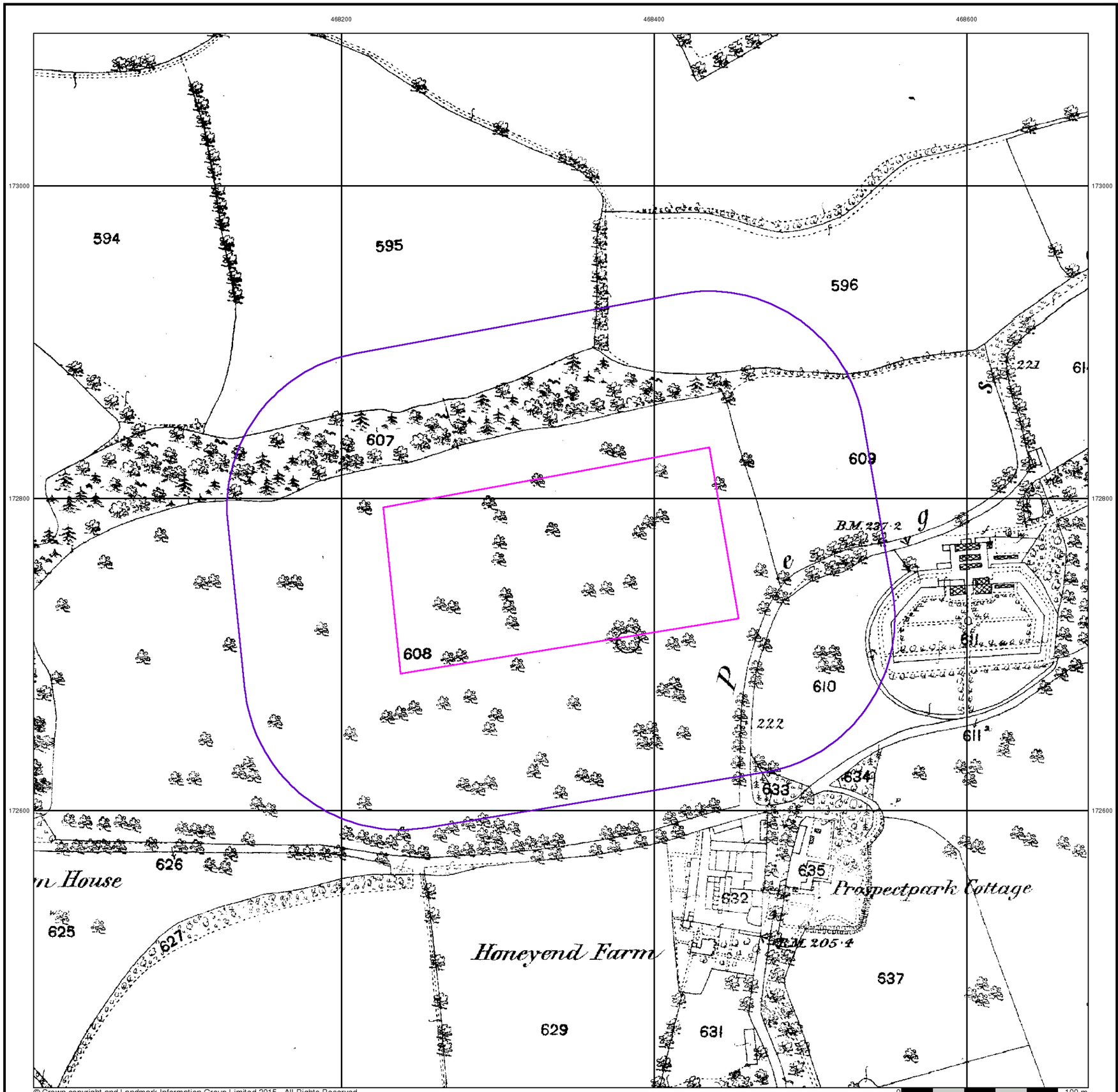
Order Details

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Search Buffer (m):	100

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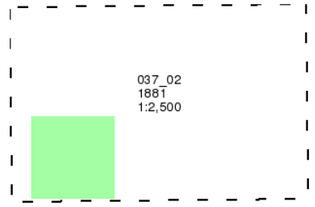
Berkshire

Published 1881

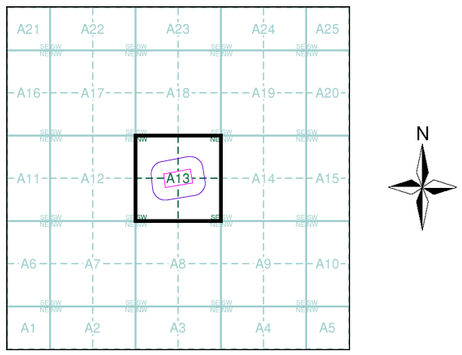
Source map scale - 1:2,500

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



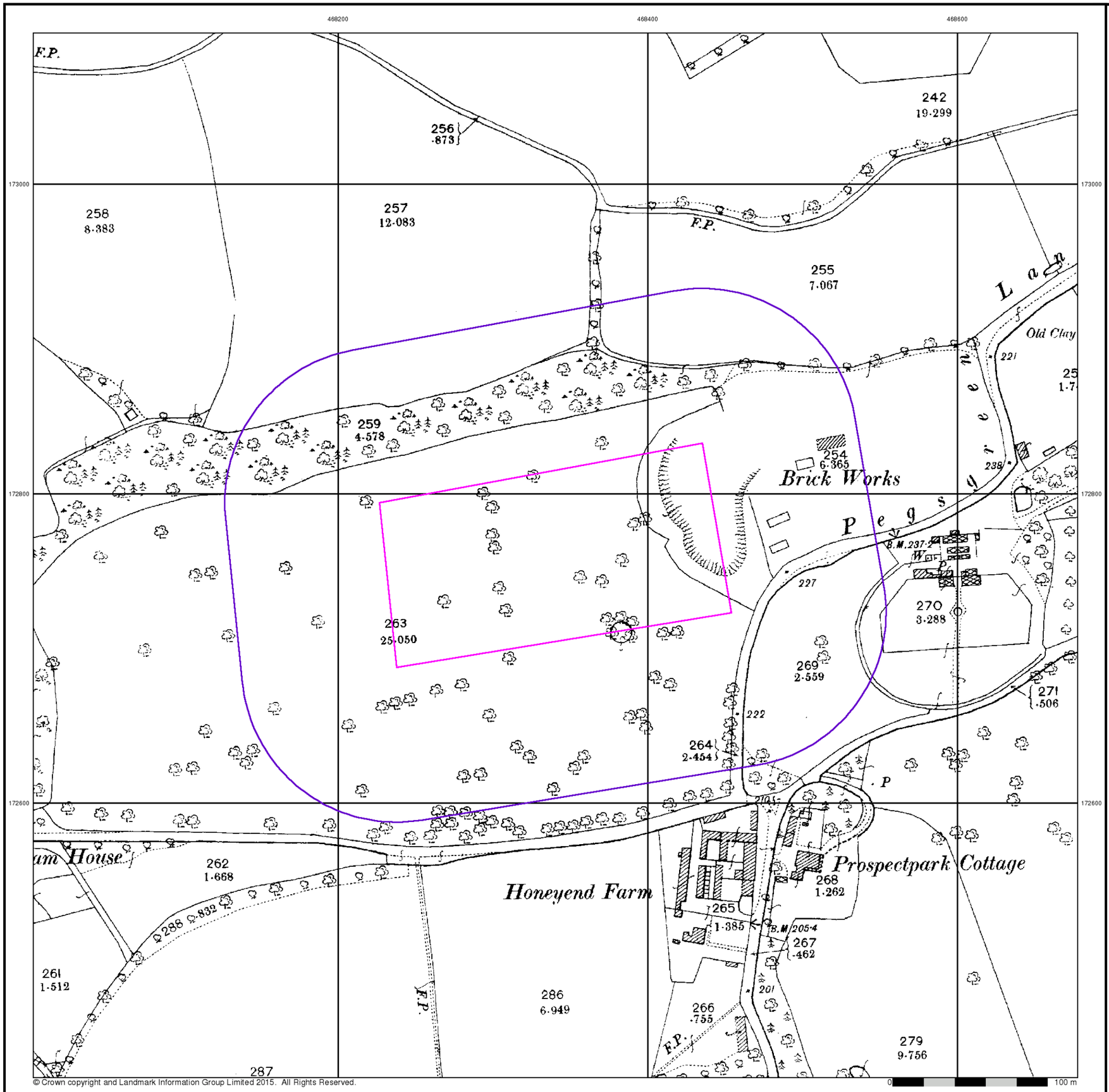
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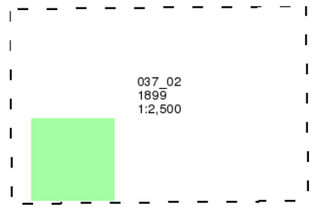
Berkshire

Published 1899

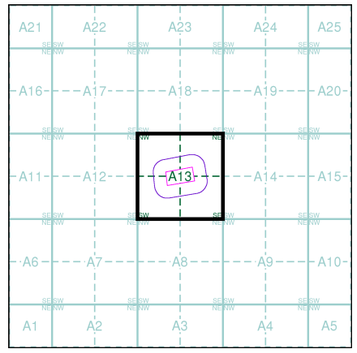
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



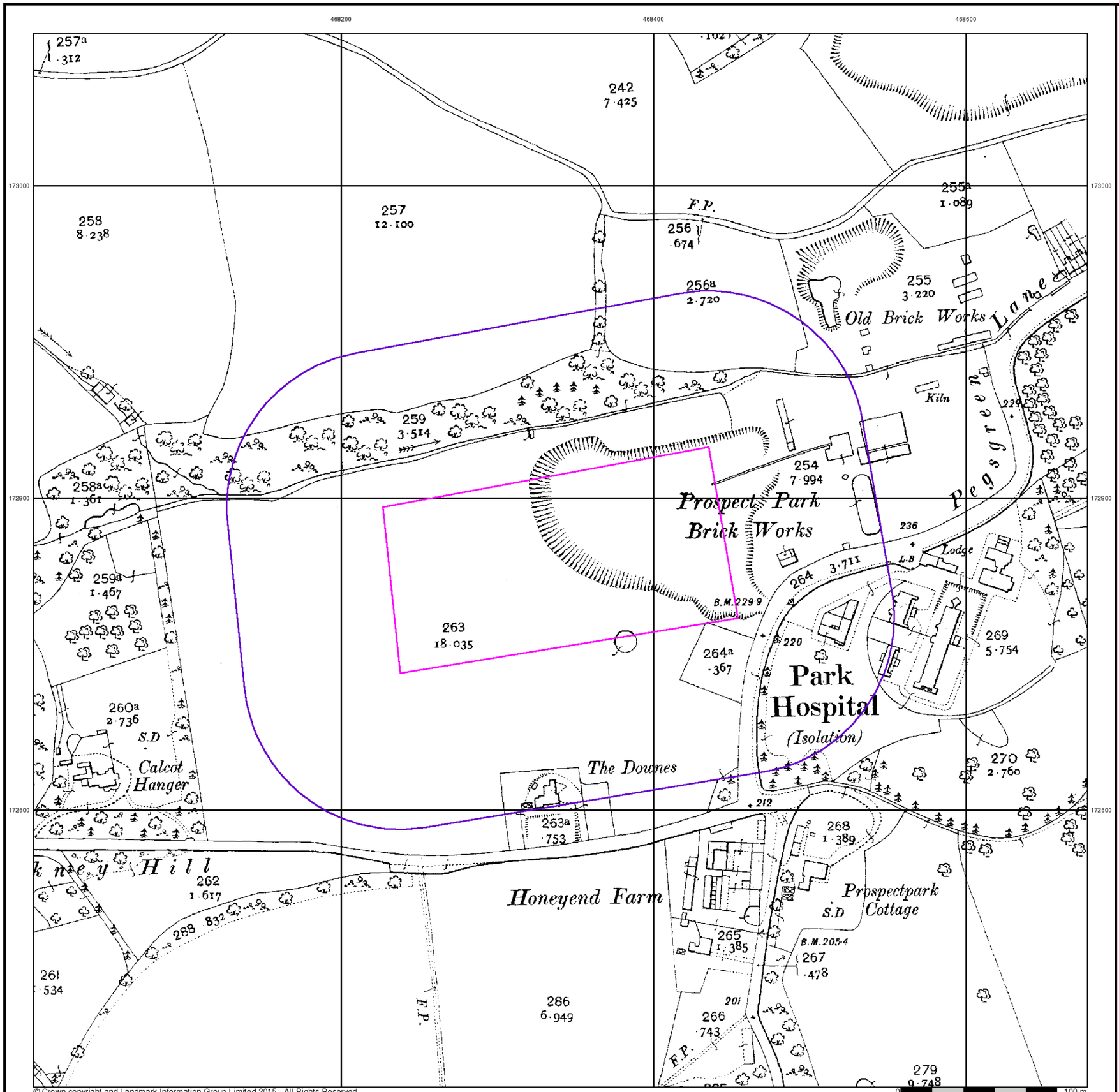
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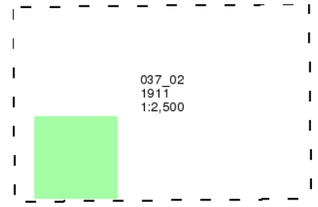
Berkshire

Published 1911

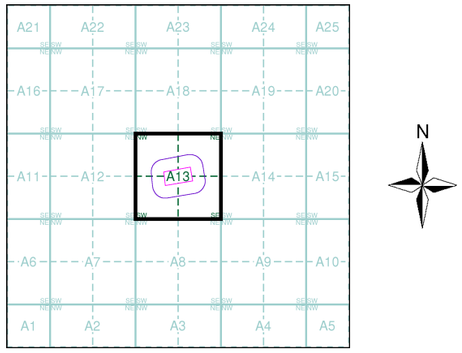
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

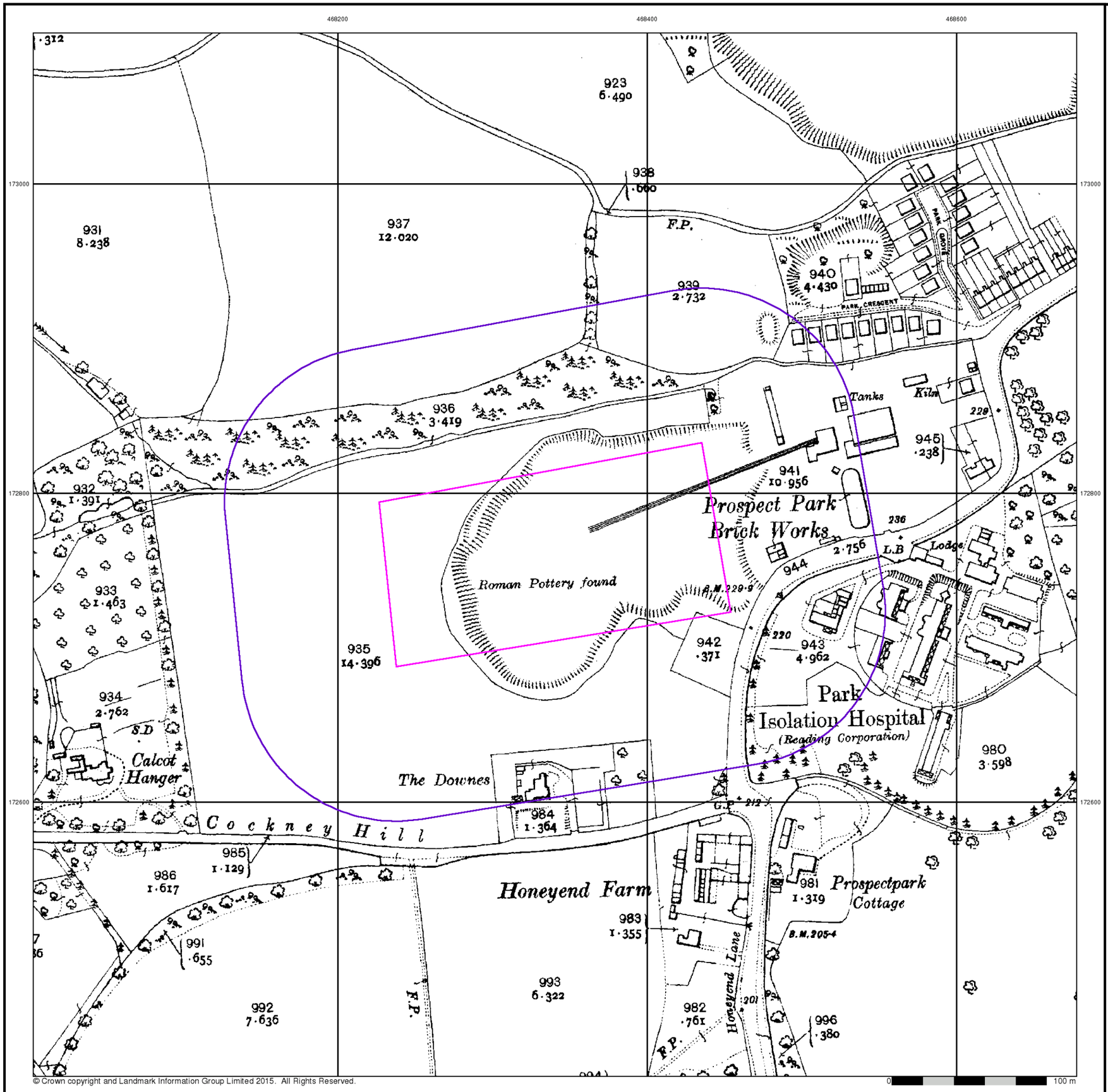
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Site at 468400, 172760

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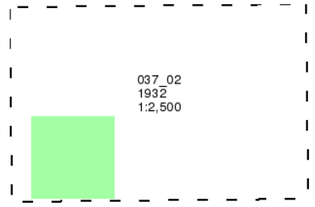
Berkshire

Published 1932

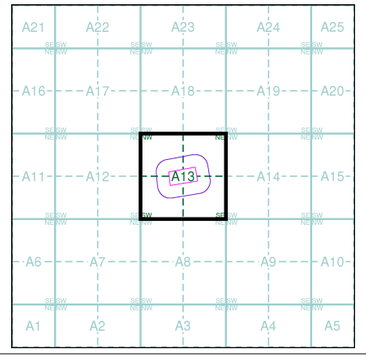
Source map scale - 1:2,500

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Historical Map - Segment A13



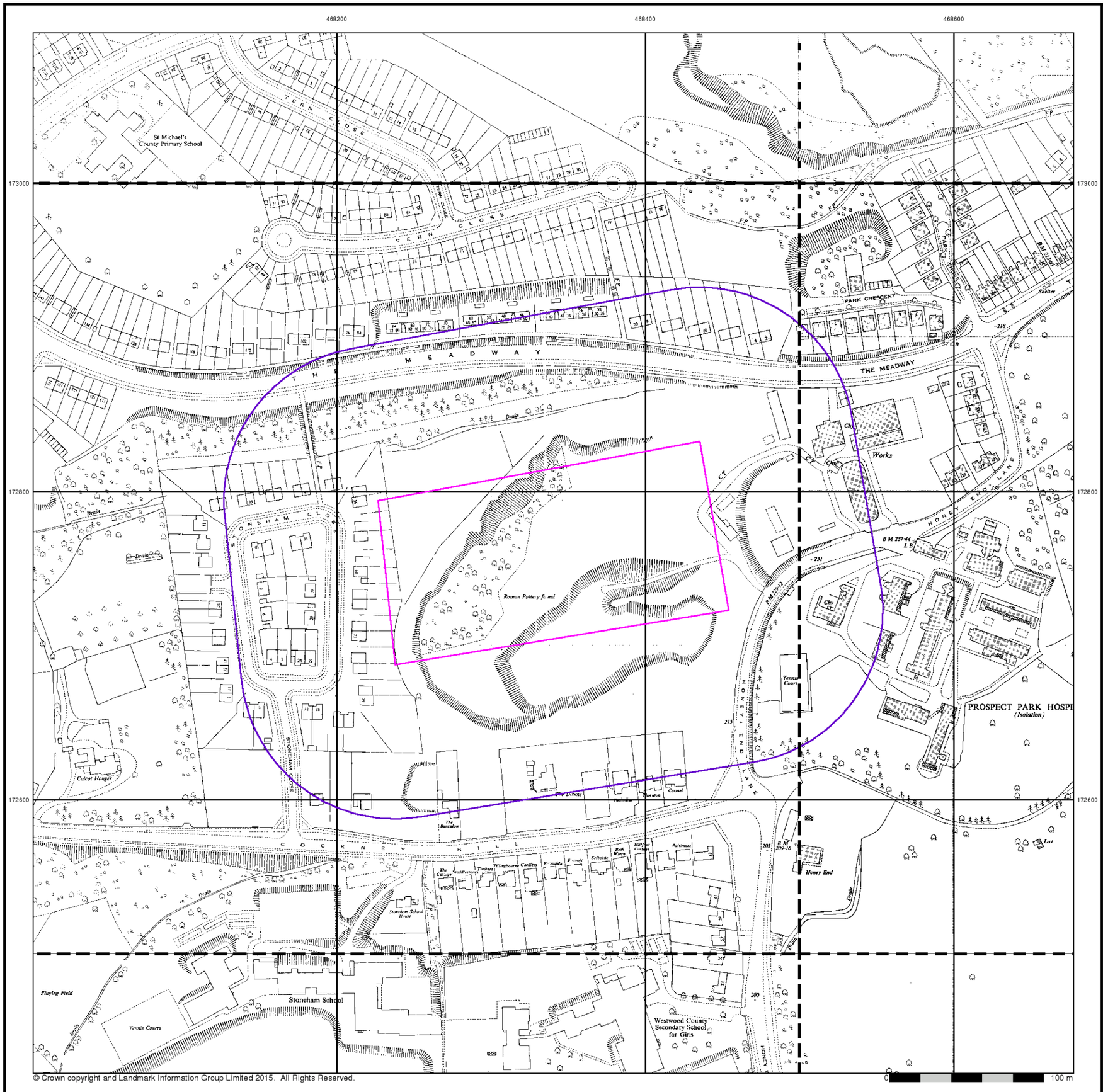
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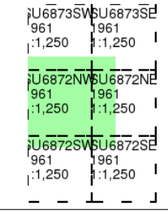
Ordnance Survey Plan

Published 1961

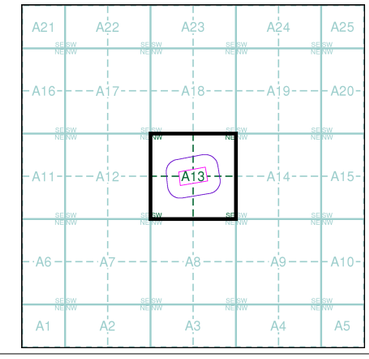
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



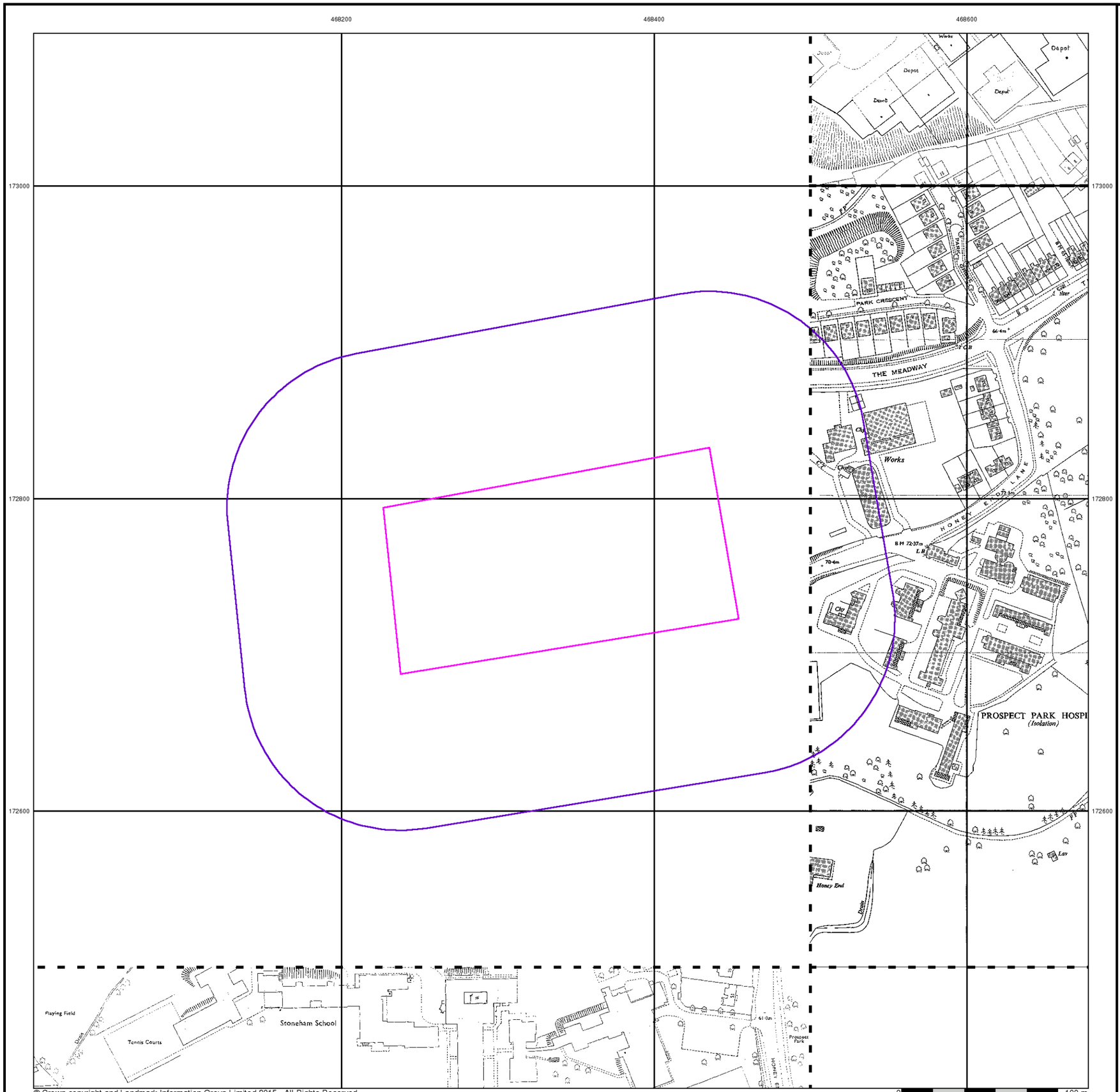
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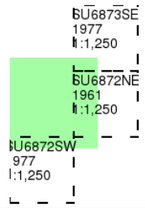
Additional SIMs

Published 1961 - 1977

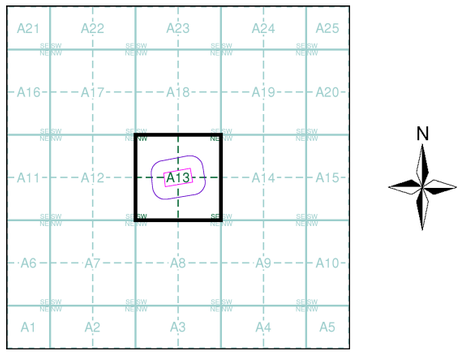
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



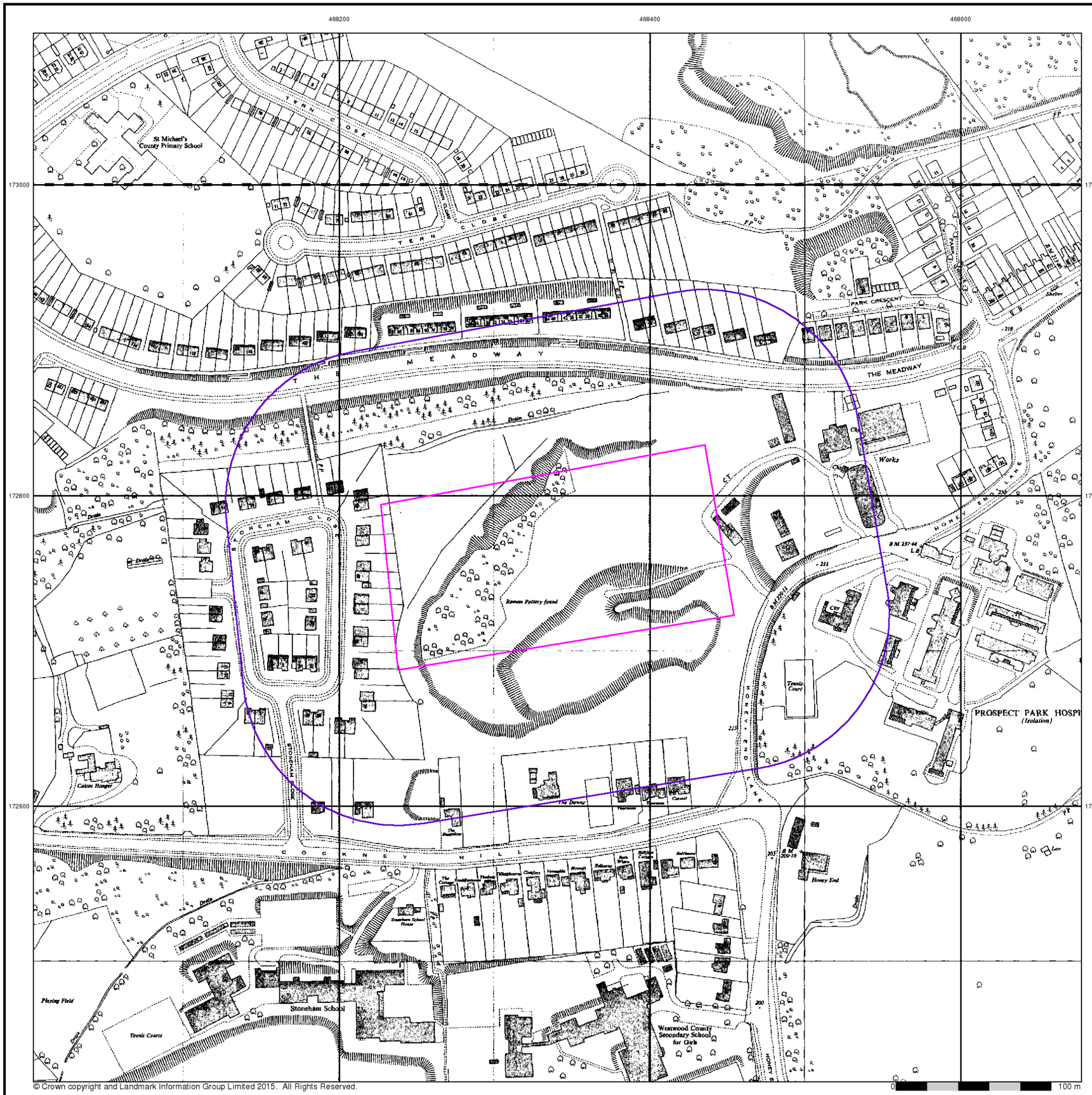
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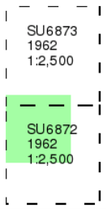
Ordnance Survey Plan

Published 1962

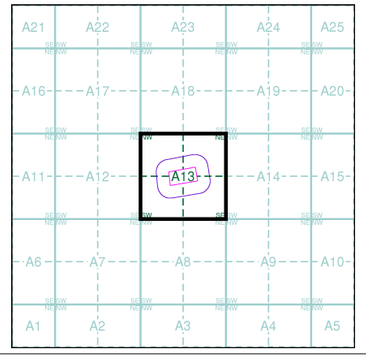
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



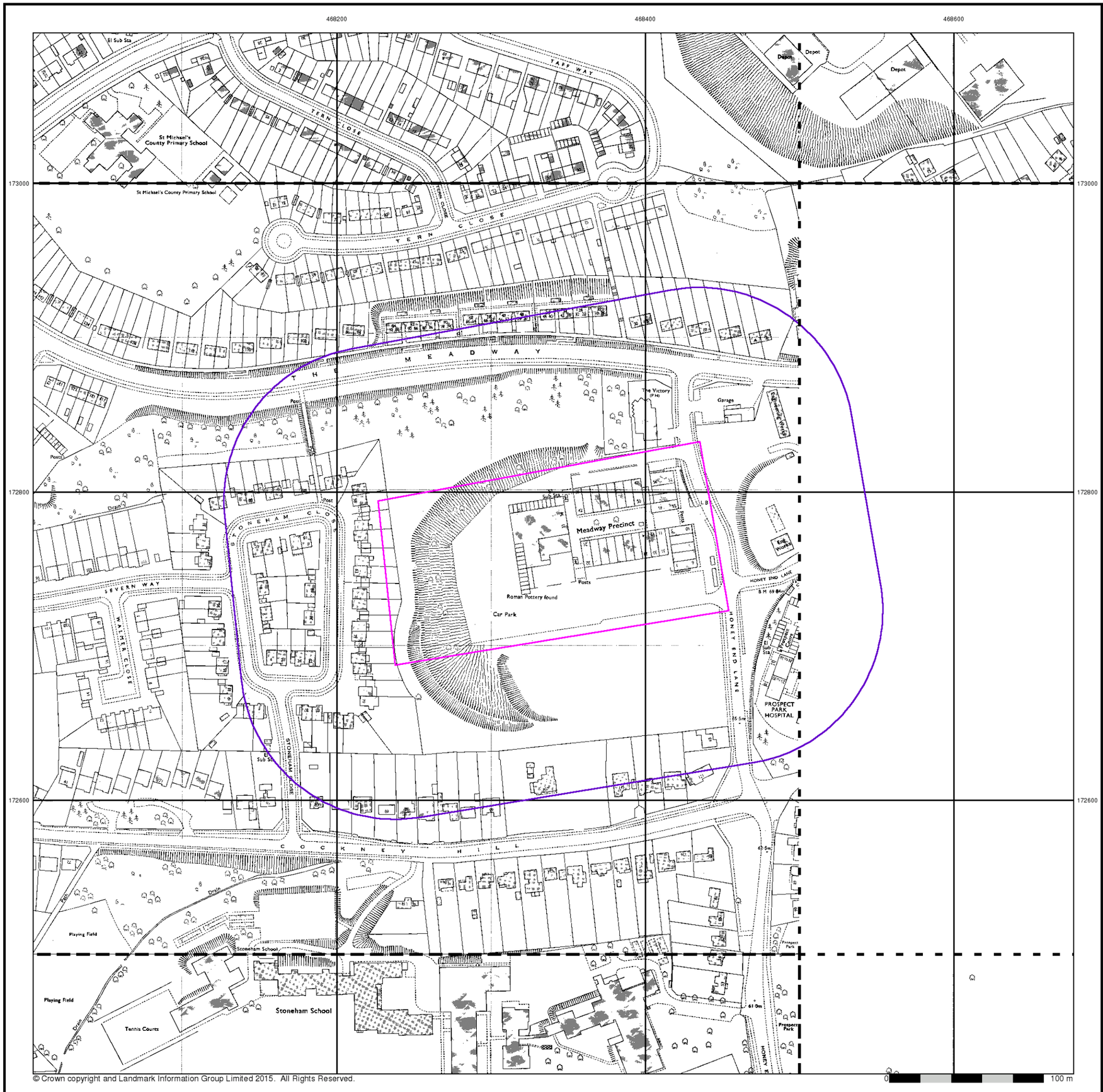
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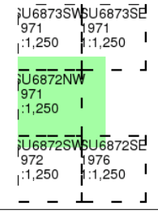
Ordnance Survey Plan

Published 1971 - 1976

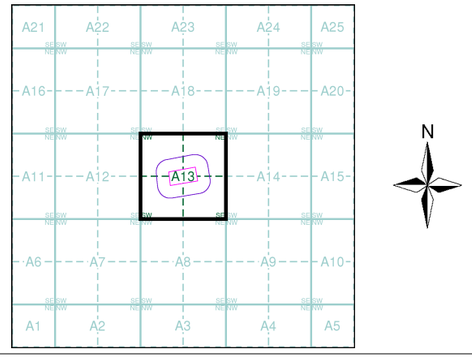
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



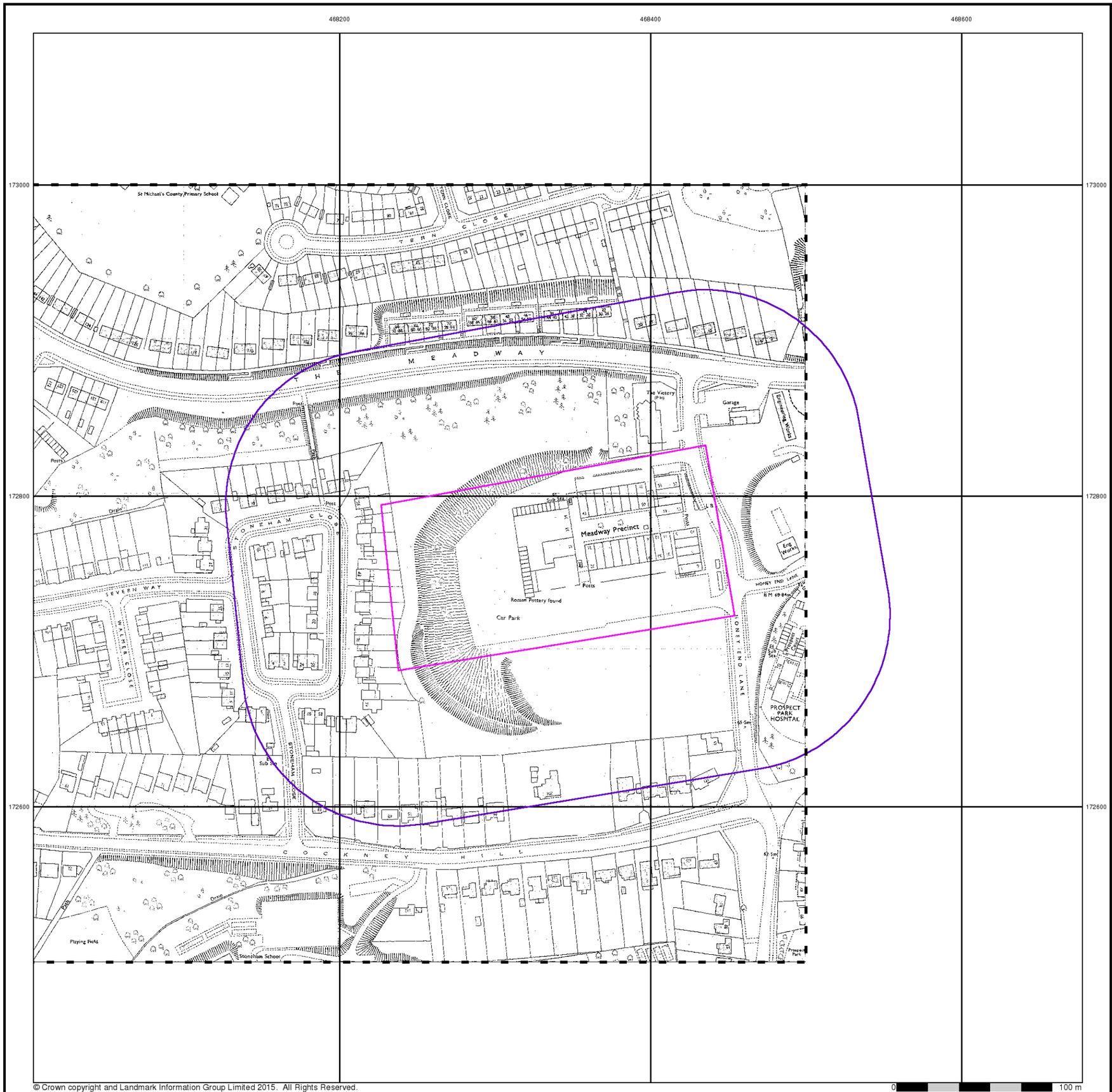
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Order Number:	65211460_1_1
Customer Ref:	L00628
National Grid Reference:	468340, 172760
Slice:	A
Site Area (Ha):	2.35
Search Buffer (m):	100

Site Details

Site at 468400, 172760

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Supply of Unpublished Survey Information

Published 1974

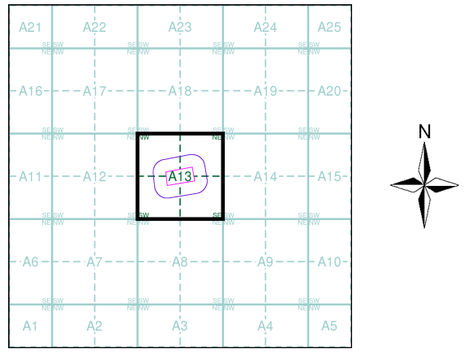
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SU6872NW
1974
1:1,250

Historical Map - Segment A13



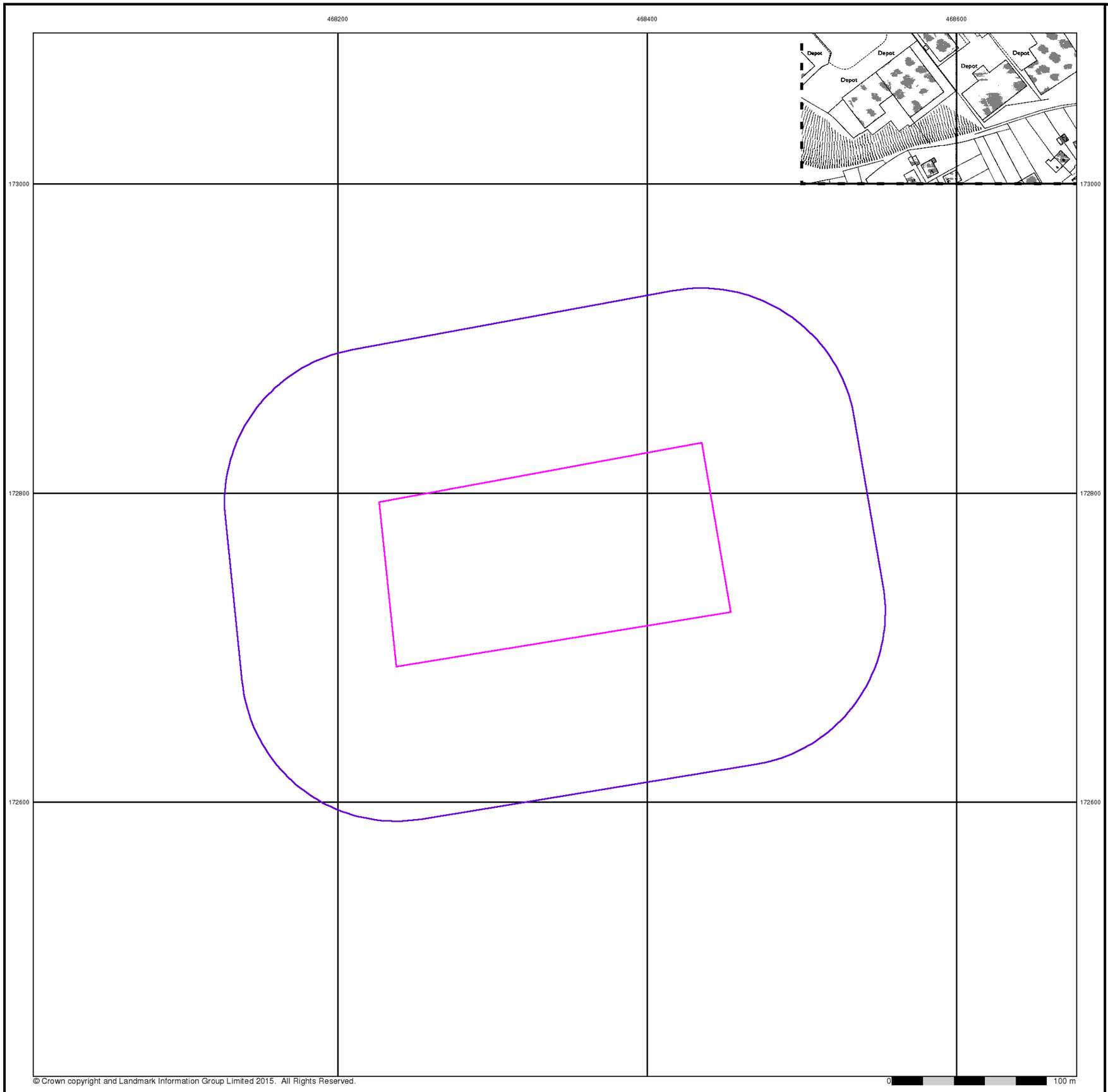
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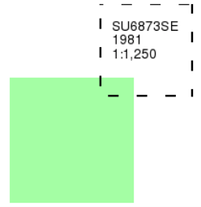
Ordnance Survey Plan

Published 1981

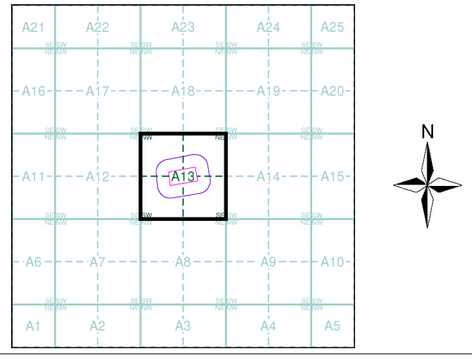
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

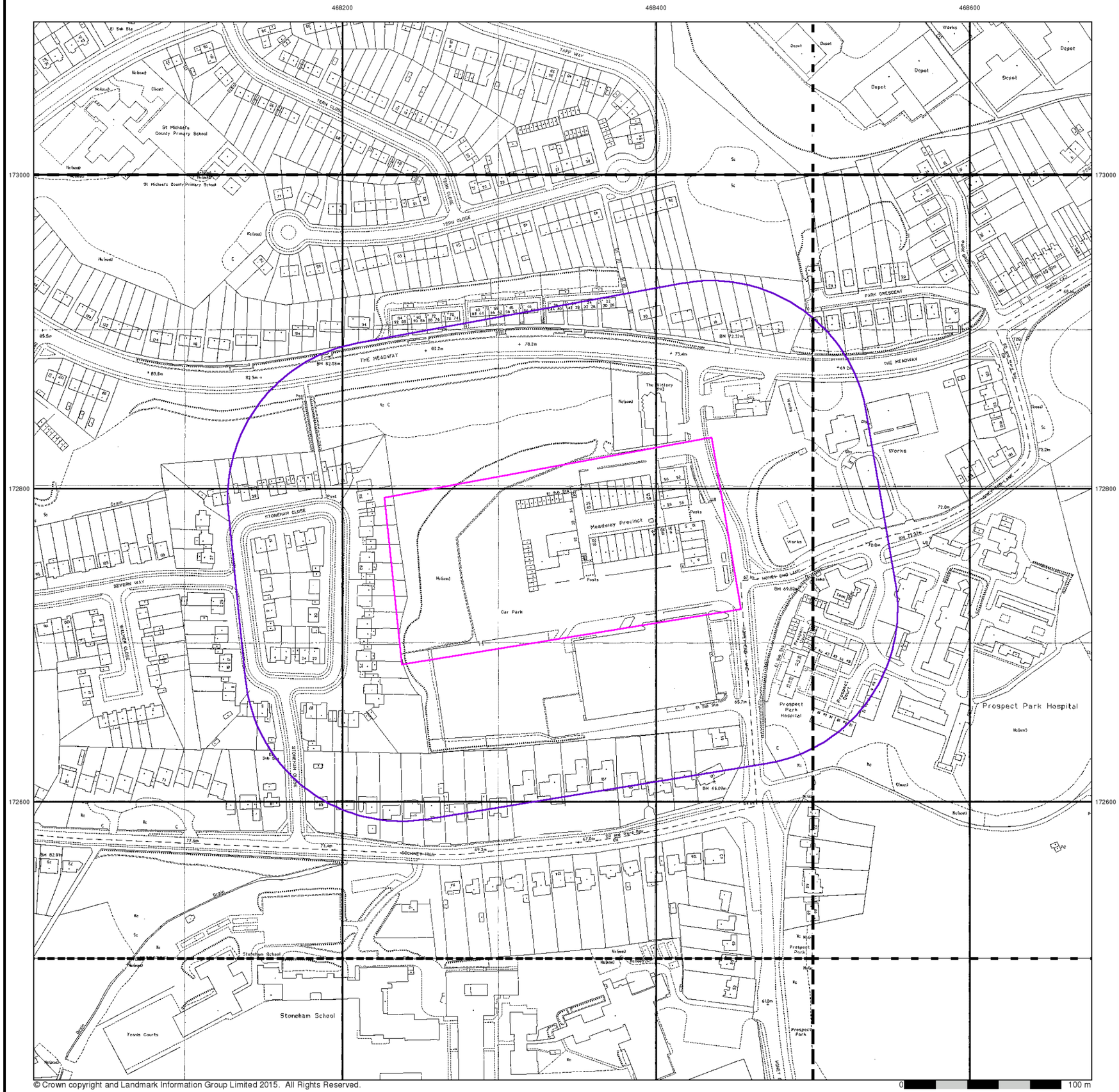
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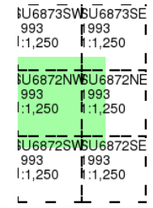
Large-Scale National Grid Data

Published 1993

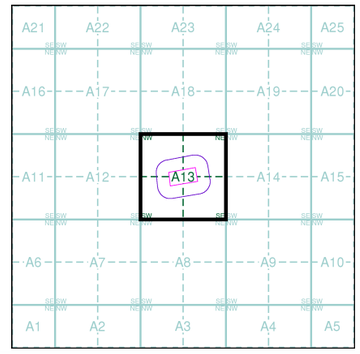
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

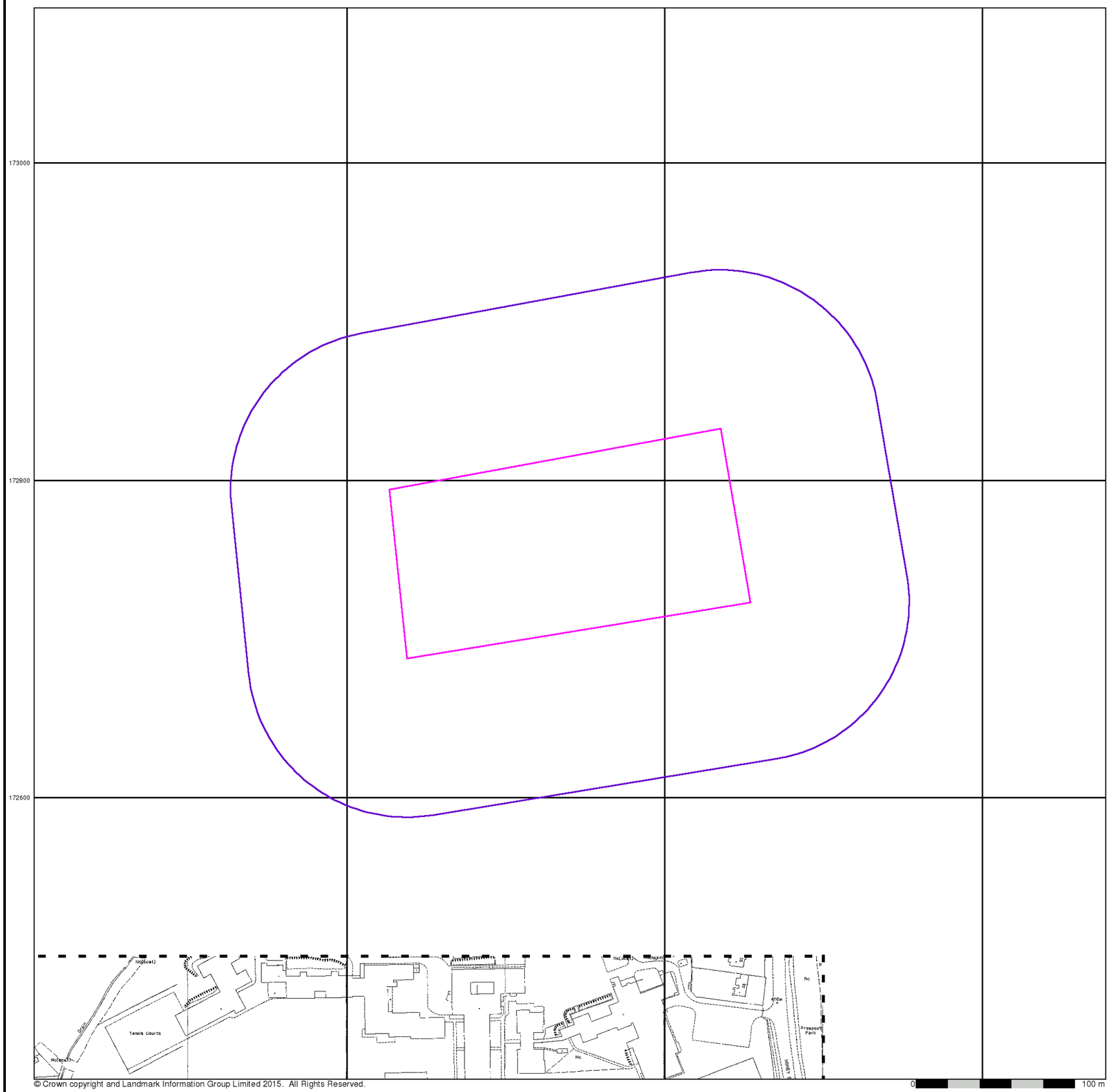
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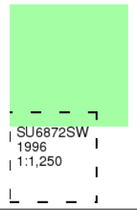
Large-Scale National Grid Data

Published 1996

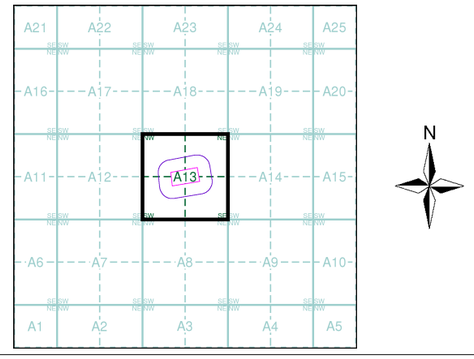
Source map scale - 1:1,250

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Map Name(s) and Date(s)



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Appendix E
Site Photographs



Photograph 1: Part East Elevation looking towards Boots Retail.



Photograph 2: Part East Elevation looking towards the Health Club adjacent to Boots Retail.



Photograph 3: Part South Elevation looking towards the rear of Boots Retail.



Photograph 4: South Elevation looking at Boots Retail and Health Club.



Photograph 5: West Elevation from the rear car park.



Photograph 6: Existing garages along north elevation.



Photograph 7: Part Elevation through the concourse looking south towards building 2.



Photograph 8: Part Elevation through the concourse looking south towards building 2.



Photograph 9: Part Elevation through the concourse looking towards south towards building 2.