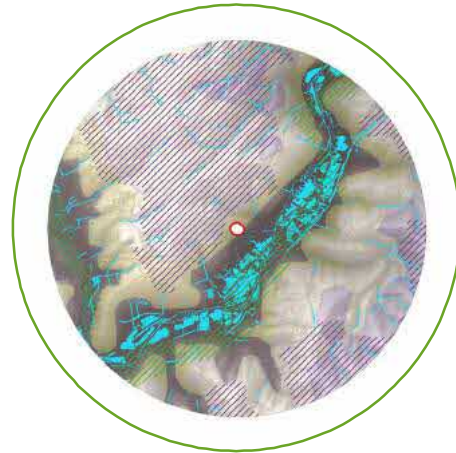


EnviroSmart



Phase 1 Contaminated Land Assessment

Site address	Date issued
Land to rear 13-21 High Street	February 2024
Irthlingborough	
Northampton	Report status
NN9 5TE	Final
Grid Reference	Site Area
494670, 270660	0.37 ha
Report prepared for	Report reference
Resham Ltd	81207R2



Risk ~~Moderate~~/Low

Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks. It is also noted that there is a high radon risk associated with the Site, and separate recommendations have been included within this report to address this.

Report author
Emilia Dončić
Project Consultant

Report check & review
Jessica Bayliff
Senior Consultant

GeoSmart Information Ltd
Suite 9-11, 1st Floor
Old Bank Buildings
Bellstone, Shrewsbury
SY1 1HU

Executive Summary



The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contaminated land hazards which may be present at the study site. GeoSmart are providing consultancy and professional opinion based upon our collation, interpretation and assessment of information contained within an Envirocheck report, and other sources where expressly stated (i.e. site visits, photographs, and anecdotal evidence). It is acknowledged that the risk assessment findings are based on documentary sources of information alone.

Site analysis

1. Probablity/likelihood of a contaminant hazard at the Site	High likelihood	
	Likely	
	Low likelihood	
2. Potential severity/consequence of any impacts	Unlikely	
	Severe	
	Medium	
	Mild	
3. Overall land quality risks posed by the Site	Minor	
	Very high	
	High	
	Moderate	
	Moderate/low	
	Low	
	Very low	

Summary of existing and proposed development

The Site is currently vacant commercial land comprised of a private car park and associated access from St Peters Way, with vacant retail units (Nos 13-21) with ancillary storage at first floor. Development proposals comprise partial (first-storey) demolition of the existing retail units, with the ground floor to remain and be converted into residential apa with associated car parking and access and very limited landscaping.

Environmental Setting

British Geological Survey mapping indicates the absence of any superficial deposits beneath the Site. The bedrock geology consists of Rutland Formation (RLD) (comprising of mudstone), Wellingborough Limestone Member (WBRO) (comprising of mudstone and limestone, interbedded) which are both classified as a Secondary (B) Aquifer, and Northampton Sand Formation (NS) which comprises ironstone, ooidal and is classified a Secondary (A) Aquifer.

The nearest water feature is an unnamed ditch, located c. 150 m southwest of the Site boundary.

The nearest sensitive land use is the Upper Nene Valley Gravel Pits (Ramsar Site, Site of Specific Scientific Interest and Special Protection Area) located c. 340 m southeast of the Site.

Site History

According to historical mapping, the Site was first developed in 1884 - 86, with undefined buildings in the north/north of the Site. The Site was used in an industrial capacity as a factory between -1926 - 1976. The Site has since been used i commercial capacity as retail units (ancillary storage) which are now vacant, together with a private car park to the rear which previously served the vacant retail units. Off-Site land uses include industrial (works and factories) and commercial (cleaning services, garages) land.

Radon

The Site lies in an area where >30% of homes are at or above the UK radon action level (200 Bq/m3).

Coal Mining

The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.

Summary of Conceptual Site Model (CSM)

Source of Contamination

Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils. Potential for volatile organic contaminants to be present within the subsurface soils. Potential for asbestos containing materials within the subsurface soils. Potential for dissolved phase contaminants to be present within shallow groundwater. Potential for radon within the subsurface.

Receptors

Human Health, Controlled Water (Groundwater within the underlying bedrock Secondary (A) and Secondary (B) aquifers; and the nearest surface water feature (unnamed ditch) 150 m southwest) and Sensitive Land Uses (Upper Nene Valley Gravel Pits (Ramsar Site, Site of Specific Scientific Interest and Special Protection Area) c. 340 m southeast of the Site).

Human Health (pathway)

Dermal contact, ingestion & inhalation of soils & soil dust. Ingress into water supply pipework and subsequent water ingestion. Migration of vapours to surface; inhalation indoors. Liberation of sub surface ACMs and inhalation of asbestos fibres. Lateral migration towards on-Site buildings; potential to cause long term health effects.

Controlled Waters (pathway)

Dissolution into pore water/shallow groundwater and subsequent migration. Dissolution into aqueous phase and preferential migration via drainage structures. lateral and vertical groundwater movement via natural or artificial flow paths.

Preliminary Risk Assessment

Overall, the preliminary risk classification of the Site in relation to the proposed redevelopment is considered to be **Moderate/Low to Low**. It is noted that the Site has a **High radon risk**, which has been addressed in a separate recommendation below.

Recommendations / Next Steps

Phase 2 Intrusive Investigation

Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.

Radon assessment / mitigation measures

Given that the Site lies in an area where >30% of homes are at or above the UK radon action level (200 Bq/m³), we recommend that either further Radon Assessment is undertaken or that appropriate Radon Mitigation Measures are included in any future built structures.

Further information can be found at <http://www.ukradon.org/information/> Additionally local building control may have further knowledge in relation to radon risks within the area.

1. Introduction

1.1 Background

The study site (from herein known as 'the Site') is situated at Land to rear 13-21 High Street in Northampton, NN9 5TE. A location plan of the Site is shown in Section 1.5. A proposed development plan of the Site is shown in Section 1.6.

GeoSmart was commissioned by Resham Ltd in December 2023 to undertake a Phase 1 Land Quality Assessment for the Site.

The proposed development is for the partial (first-storey) demolition of the existing retail units, with the ground floor to remain and be converted into residential apartments (Lillystone & Flintstone), and the construction of two additional residential apartments in the west of the Site (Petrastone) and southeast of the Site (Ironstone). Proposals also include associated car parking and access and very limited landscaping.

The EnviroSmart report has been undertaken by firstly compiling information concerning the Site and the surrounding area, including current and historical land uses, geological records and registered pollution incidents. The information which is gathered is then used to construct a 'conceptual site model', including an understanding of likely contaminant sources, pathways and receptors. Finally, a preliminary assessment of risks posed to identified receptors (i.e., people, buildings or the natural environment) from the anticipated land quality at the Site is performed. The risk assessment methodology is consistent with CIRIA C552 (2001); see Section 3.4 for details.

1.2 Purpose of this report

The purpose of this EnviroSmart report is to provide clear and pragmatic advice regarding the nature and potential significance of contamination hazards which may be present at the Site.

1.3 Report contents

This report is divided into two sections, as described below:

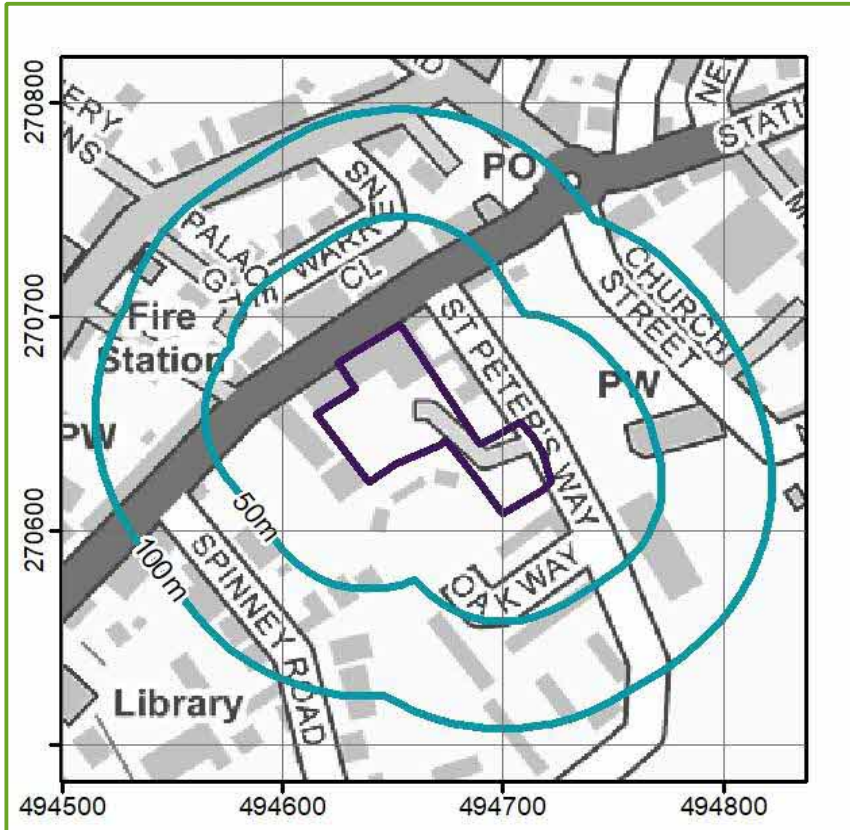
Section	Content	Purpose
Section 2: LAND QUALITY ASSESSMENT	A summary of the site history and environmental setting, the findings of the preliminary risk assessment and associated recommendations	To present a clear and concise overview of the land quality issues facing the Site, including recommendations of how to manage any land contamination which may be present
Section 3: SUPPORTING INFORMATION	A collection of site specific information on which the land quality assessment is based	To provide detailed information in support of the risk assessment; this section also represents a source of reference data for use in any subsequent site works/assessments

1.4 Report limitations

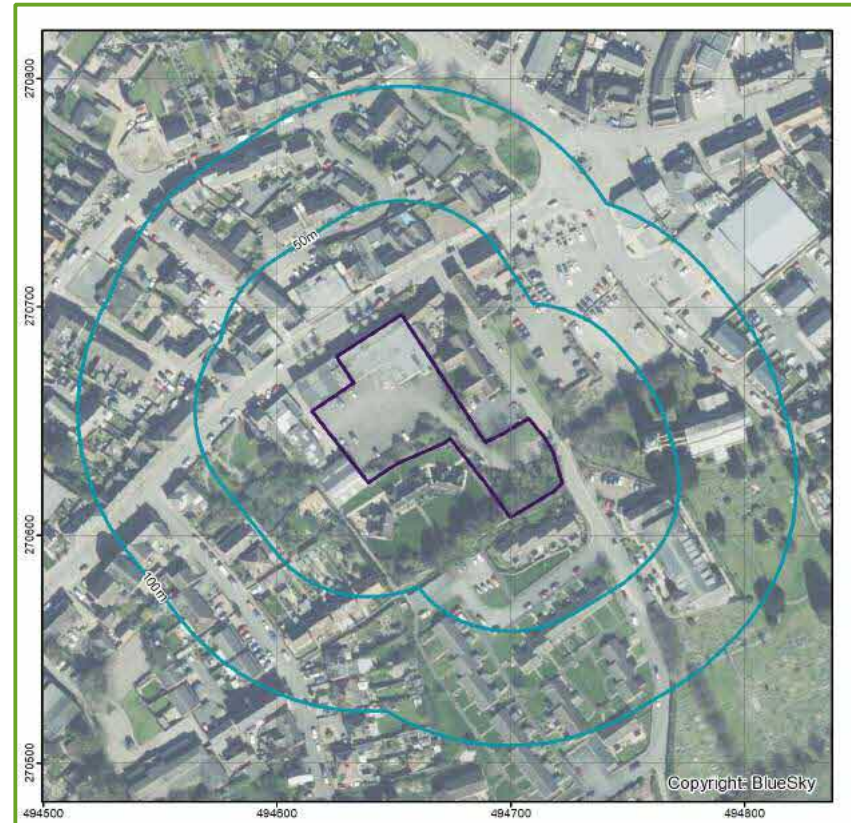
It is noted that the findings presented in this report are largely based on information supplied by third parties. Whilst we assume that all information is representative of past and present conditions we can offer no guarantee as to its validity.

This report excludes consideration of potential hazards arising from any activities at the Site other than normal use and occupancy for the intended land uses. Hazards associated with any other activities have not been assessed and must be subject to a specific risk assessment by the parties responsible for those activities.

1.5 Site location plan

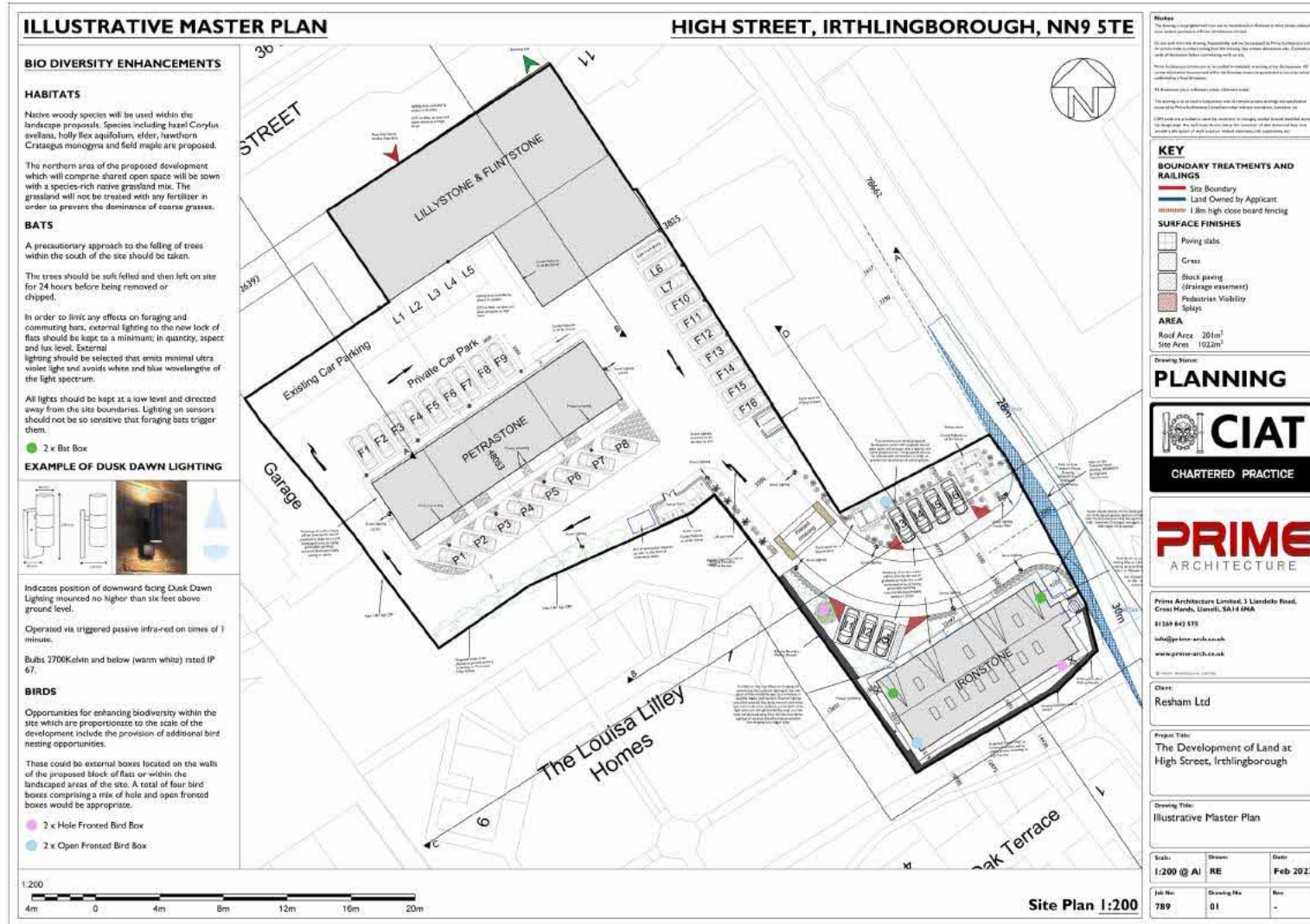


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1.6 Proposed Site development plan




2. Land quality assessment

2.1 Site details


Site name:	Land to rear 13-21 High Street	Current land cover:	Majority hardstanding/building cover (80%) with modest softstanding (20%)
Current use:	Inactive commercial development		
Proposed use:	Residential flats	Site area:	0.37 ha

2.2 Conceptual understanding (potential sources of contamination)


 <p>Site history <i>(historical land use taken within 250m radius of the Site boundary)</i></p>	Date	Description of land use <i>(Please note, whilst the total area of the Site is 0.37 ha, the site boundary used within Landmark's historic mapping comprises a smaller area (0.19 ha) as the proposed development is comprised of several areas. the historical on-Site land uses have been discussed below in context of the larger development area.</i>		<p>POTENTIAL SOURCES OF CONTAMINATION</p>	<p>Source description</p>	<p>LIKELY</p>	<p>PROBABILITY OF CONTAMINATION</p>	
		On-Site	Off-Site					
	1884 - 86	Undefined building in north / northeast of Site boundary. Orchards extend into the southwest of the Site.	Surrounding area developed (undefined buildings, likely mix of residential and commercial, and fields/orchards). St. Peter's Church cemetery mapped c. 100 m southeast.					<p>The land use history suggests that there is the potential for contamination to have occurred <u>on and off-Site</u> relating to the following:</p> <p>Commercial and industrial land: Potential for bulk storage of fuels and/or miscellaneous chemicals Note: given the land use history of the Site there is potential for underground storage tanks or pipelines containing chemical and fuel residues to be present. Miscellaneous fuel and chemical spills (i.e., fuels used for heating & powering machinery/vehicles, oils and lubricants, paints/thinners, degreasers, etc.). Potential for localised deposition of boiler ash/coke and other industrial combustion wastes and by-products. Made Ground associated with former development/demolition activities. Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.</p>
	1885 - 86	Fountain mapped on-Site.	Baptist Chapel burial ground/cemetery c. 150 m northeast. Public house c. 115 m northeast. Chapel mapped c. 90 m southwest.					
	1900	Fountain no longer mapped. One of the buildings on-Site marked as a greenhouse/nursery.	Smithies mapped adjacent to the eastern Site boundary, c. 95 m northwest and c. 205 m northeast. Chapel c. 90 m southwest no longer mapped. Public house c. 210 m southwest.					
1901	No discernible changes.							

	1926	Site marked as boot and shoe factory. Building footprint extended.	Smithy adjacent to the eastern Site boundary no longer mapped. Leather dressing works c. 100 m south. Boot and shoe works c. 100 m east and c. 200 m northeast. Allotment gardens c. 200 m northeast. Town yard c. 90 m northwest.	(continued overleaf.)	
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2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		Source description	POTENTIAL SOURCES OF CONTAMINATION	LIKELY	PROBABILITY OF CONTAMINATION
		On-Site	Off-Site				
	1927	No discernible changes.		<p>The land use history suggests that there is the potential for contamination to have occurred <u>off-Site</u> relating to the following:</p> <p>Cemetery: Given the proximity of the nearby cemetery, it may be possible that anthropogenic sources of environmental contamination could impact the underlying groundwater.</p> <p>Electricity substation: Potential for Polychlorinated Biphenyls (PCB) contamination to have occurred.</p> <p>As the electricity sub station was constructed before 1980, it is considered possible that PCBs would be present as the use of PCBs ceased in the late 1970s.</p> <p>Garage: It is likely that small quantities of fuels, oils and/or miscellaneous chemicals are/were stored within the garage structures. Long term vehicle storage may have resulted in leakage of small quantities of engine oil, fuel, antifreeze, etc. Made Ground associated with former development/demolition activities. Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.</p> <p><i>(continued overleaf)</i></p>	POTENTIAL SOURCES OF CONTAMINATION	LIKELY	PROBABILITY OF CONTAMINATION
	1938	Additional undefined small buildings mapped in southwest of the Site.	Multiple undefined buildings mapped adjacent to the southwest of the Site on previously vacant neighbouring land.				
	1945 (aerial imagery)	No discernible changes.					
	1951 - 52	No discernible changes on-Site.	Works c. 100 m south no longer mapped; replaced with undefined buildings (likely residential).				
	1958 - 59	No discernible changes.					
	1964	Site marked as factory. Tank mapped in southeast of the Site.	Works mapped immediately adjacent to northeastern Site boundary. Garage mapped adjacent to northwestern Site boundary. Works c. 100 m east and c. 200 m northeast no longer mapped; replaced by factory c. 100 m east with larger building footprint. Town yard c. 90 m northwest renamed as council yard. Works and factory mapped c. 55 m northwest. Two factories c. 180 m northeast. Works c. 150 m northwest and c. 215 m north. Public house c. 35 m southeast. Works c. 110 m southwest.				
	1965	No discernible changes.					
	1974 - 77	No discernible changes.					

2.2 Conceptual understanding (potential sources of contamination)

 Site history <i>(historical land use taken within 250m radius of the Site boundary)</i>	Date	Description of land use		POTENTIAL SOURCES OF CONTAMINATION	LIKELY PROBABILITY OF CONTAMINATION
		On-Site	Off-Site		
	1976 (partial map)	Site no longer marked as a factory, original footprint no longer mapped and replaced with units (likely commercial) in the north of the Site. Car park marked on-Site. Tank in southeast of the Site no longer mapped.	Public house c. 35 m southeast no longer mapped. Works c. 110 m southwest now mapped as two factories printing works and tank. Works c. 55 m northwest no longer mapped. Engineering works mapped c. 230 m northeast. Works c. 150 m northwest no longer mapped. Electricity substation c. 85 m south.	Public House: Miscellaneous small scale fuel or chemical spills associated with ad hoc commercial activities. Potential for localised/historical deposition of domestic/commercial wastes. Made Ground associated with former development/demolition activities. Asbestos containing materials (ACM) may have been incorporated within the built structures in the past; the disturbance of any such materials may have resulted in asbestos being present within the sub surface surrounding the buildings.	
	1990 (partial map)	No discernible changes on-Site.	Printing works and tank c. 110 m southwest no longer mapped; one factory now mapped instead of two.		
	1993	No discernible changes on-Site.	Works adjacent to northeastern Site boundary no longer mapped.		
	1995 (partial map)	No discernible changes.			
	1999	No discernible changes.			
	2004 - 06 (aerial imagery)	No discernible changes.			
	2009 - 17 (aerial imagery)	No discernible changes on-Site.	Demolition of buildings mapped as factory c. 100 m east, land now vacant.		
	2018 - 21 (aerial imagery)	No discernible changes on-Site.	Commercial units now mapped c. 100 m east.		
2024	No discernible changes on-Site.	Unnamed ditch mapped c. 150 m southwest.			

2.2 Conceptual understanding (potential sources of contamination)





*Additional
information*


It is noted that 23 contemporary trade directories are listed within 250 m of the Site. The following Contemporary Trade Directory entries have been listed within 50 m of the Site.

- Wedgewood Laundry & Dry Cleaners (laundries and laundrettes) c. 5 m west. Status: inactive.
- Highcross Motors (garage services / MOT testing centres) c. 10 m west. Status: inactive. Four (4) entries.
- Joyland Star Cleaners (commercial cleaning services) c. 20 m west. Status: inactive.
- Cash It In (electrical goods sales, manufacturers & wholesalers) c. 40 m west. Status: inactive.
- Unique Fabrications Ltd (sheet metal work) c. 50 m southwest. Status: active.
- Kingsmaid (domestic cleaning services) c. 10 m north. Status: inactive.
- Tesco Petrol Filling Station c. 30 m northwest. Status: inactive.



2.2 Conceptual understanding (potential sources of contamination)

 <p>Current land use</p>	<p>The Site is currently comprised of vacant retail units with ancilliary storage in the north of the Site and associate car parking and access in the southeast of the Site. According to historical mapping, the Site was previously used in an industrial capacity as a factory, until ~ 1976.</p> <p>There are no known buried storage tanks at the Site.</p> <p>There is no known bulk fuel or chemical storage on Site.</p>			<p>Given the Site's current use, there is potential for localised contamination relating to the following:</p> <p>Vacant commercial units</p> <p>Historical industrial use as a factory</p>	<p>LOW LIKELIHOOD</p>																																																
 <p>Neighbouring industrial land uses <i>(see environmental data report in Section 3.3 for full listing)</i></p>	<p>There are one or more potentially contaminative land uses are located within 250 m of the Site:</p> <table border="1" data-bbox="275 496 999 667"> <thead> <tr> <th>Distance from Site</th> <th>Number of active industrial land uses</th> <th>Number of inactive industrial land uses</th> </tr> </thead> <tbody> <tr> <td>1 - 50 m</td> <td>0</td> <td>10</td> </tr> <tr> <td>51 - 100m</td> <td>1</td> <td>0</td> </tr> <tr> <td>101 - 250 m</td> <td>1</td> <td>11</td> </tr> </tbody> </table> <table border="1" data-bbox="275 672 999 1239"> <thead> <tr> <th>Nr</th> <th>Nearest distance</th> <th>Land use / permitted activity / authorisation</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>10 m</td> <td>Fuel station entries</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Gas pipelines</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Underground electrical cables</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Control of major accident hazards sites (COMAH)</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Notification of installations handling hazardous substances (NIHHS)</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Explosives sites</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Planning hazardous substance consents</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Planning hazardous substance enforcements</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990</td> </tr> <tr> <td>1</td> <td>200 m</td> <td>Records of Licensed Discharge Consents.</td> </tr> <tr> <td>0</td> <td>NA</td> <td>Integrated pollution prevention and control sites</td> </tr> </tbody> </table>			Distance from Site		Number of active industrial land uses	Number of inactive industrial land uses	1 - 50 m	0	10	51 - 100m	1	0	101 - 250 m	1	11	Nr	Nearest distance	Land use / permitted activity / authorisation	1	10 m	Fuel station entries	0	NA	Gas pipelines	0	NA	Underground electrical cables	0	NA	Control of major accident hazards sites (COMAH)	0	NA	Notification of installations handling hazardous substances (NIHHS)	0	NA	Explosives sites	0	NA	Planning hazardous substance consents	0	NA	Planning hazardous substance enforcements	0	NA	Sites determined as Contaminated Land under Part IIA of the Environmental Protection Act 1990	1	200 m	Records of Licensed Discharge Consents.	0	NA	Integrated pollution prevention and control sites	<p>POTENTIAL SOURCES OF CONTAMINATION</p> <p>The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist.</p> <p>Contemporary trade directory entries include: <i>(23 contemporary trade directories have been identified within 250 m of the Site, the most relevant (<50 m) have been included below.)</i></p> <p>Wedgewood Laundry & Dry Cleaners (laundries and laundrettes) c. 5 m west. Status: inactive.</p> <p>Highcross Motors (garage services / MOT testing centres) c. 10 m west. Status: inactive. Four (4) entries.</p> <p>Joyland Star Cleaners (commercial cleaning services) c. 20 m west. Status: inactive.</p> <p>Cash It In (electrical goods sales, manufacturers & wholesalers) c. 40 m west. Status: inactive.</p> <p>Unique Fabrications Ltd (sheet metal work) c. 50 m southwest. Status: active.</p> <p>Kingsmaid (domestic cleaning services) c. 10 m north. Status: inactive.</p> <p>Tesco Petrol Filling Station c. 30 m northwest. Status: inactive.</p>
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2.2 Conceptual understanding (potential sources of contamination)

 <p>Neighbouring industrial land uses (see <i>environmental data report in Section 3.3 for full listing</i>)</p>	0	NA	Local Authority pollution prevention and control sites	POTENTIAL SOURCES OF CONTAMINATION	<p>Fuel station entries include:</p> <p>Central Garage c. 10 m west. Status: obsolete.</p> <p>Records of Licensed Discharge Consents include:</p> <p>Anglian Water Services Limited c. 200 m south. Discharge type: other matter - surface water. Status: surrendered under EPR 2010.</p>	LOW LIKELIHOOD	PROBABILITY OF CONTAMINATION
	0	NA	Local Authority pollution prevention and control enforcements				
	0	NA	Records of Category 3 or 4 Radioactive Substance Licences				



2.2 Conceptual understanding (potential sources of contamination)

 <p>EA recorded pollution incidents <i>(see environmental data report in Section 3.3 for full listing)</i></p>	<p>No Environment Agency pollution incidents have been recorded within 250 m of the Site.</p>	POTENTIAL SOURCES OF CONTAMINATION	<p>No potential for gross contamination has been identified in relation to any pollution incidents occurring near to the Site.</p>	NEGLECTIBLE	PROBABILITY OF CONTAMINATION
 <p>Landfills / waste sites <i>(taken within 500m radius of the Site boundary, see environmental data report in Section 3.3 for full listing)</i></p>	<p>There are no BGS recorded landfills located within 500 m of the Site.</p> <p>There are one or more Environment Agency listed historical landfills located within 500 m of the Site. These include:</p> <ul style="list-style-type: none"> Off Finedon Road Landfill is located c. 225 m north of the Site; the landfill received inert waste (dates not supplied). <p>There are no registered landfills located within 500 m of the Site.</p> <p>There are no Local Authority listed historical landfills located within 500 m of the Site.</p> <p>The following other waste sites are registered within 500 m of the Site:</p> <ul style="list-style-type: none"> 0 Records of registered waste transfer sites. 1 Records of registered waste treatment or disposal sites. 0 Records of licenced waste management facilities. 		<p>The potentially contaminative land uses/activities identified in close vicinity of the Site may pose a contamination hazard to the Site should relevant contaminant pathways exist.</p> <p>The nearby waste management site(s) is not thought to represent a significant source of contamination which may impact on the Site given the relative distance to the Site and the regulated nature of current activities.</p>	LOW LIKELIHOOD	


2.2 Conceptual understanding (potential sources of contamination)

<p>Rn</p> <p>Radon <i>(see environmental data report in Section 3.3 for full listing)</i></p>	<p>According to current UK radon mapping the Site lies in an area where >30% of homes are at or above the UK radon action level (200 Bq/m³).</p>	<p>POTENTIAL SOURCES OF CONTAMINATION</p>	<p>>30% of homes are at or above the UK radon action level (200 Bq/m³).</p>	<p>HIGH LIKELIHOOD</p>	<p>PROBABILITY OF CONTAMINATION</p>
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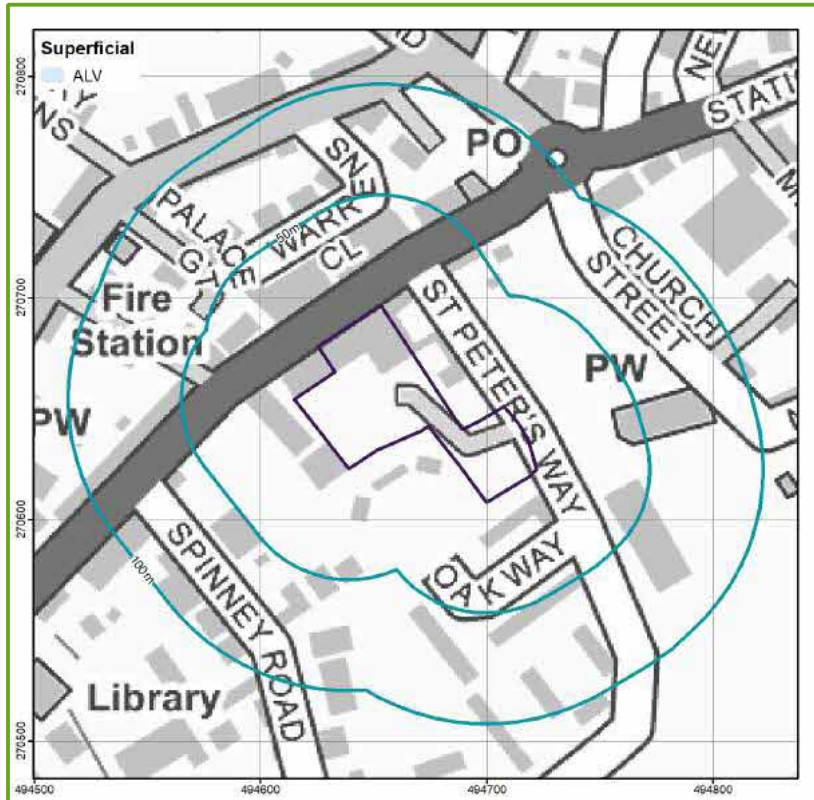
2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 <p>Geology and Groundwater <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>British Geological Survey mapping indicates the absence of any superficial deposits beneath the Site.</p> <p>British Geological Survey mapping indicates that the bedrock geology consists of Rutland Formation (RLD) (comprising of mudstone), Wellingborough Limestone Member (WBRO) (comprising of mudstone and limestone, interbedded) which are both classified as a Secondary (B) Aquifer, and Northampton Sand Formation (NS) which comprises ironstone and is classified a Secondary (A) Aquifer.</p> <p>According to the GeoSmart Groundwater Flood Risk (GW5) Map (GeoSmart, 2024). The risk of groundwater flooding at the Site is 'negligible'.</p> <p>The Site does not lie within a groundwater Source Protection Zone (SPZ).</p> <p>The following groundwater abstraction licences are held within 1 km of the Site:</p> <p>R Griggs Group Ltd groundwater abstraction from a single point (private water undertaking spray irrigation) located c. 890 m east of the Site.</p> <p>Rushden & Diamonds F C Ltd groundwater abstraction from a single point (sport grounds/facilities spray irrigation) located c. 900 m east of the Site.</p>	<p>POTENTIAL RECEPTORS</p>	<p>A Secondary (A) Aquifer comprises permeable layers capable of supporting water supply at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.</p> <p>A Secondary (B) Aquifer is likely to comprise lower permeability layers which may yield limited amounts of groundwater due to localised fissures, thin permeable horizons and weathering.</p> <p>Based on the susceptibility of the Site to groundwater flooding, a groundwater flood risk assessment is not considered necessary for the Site.</p> <p>The depth to groundwater beneath the Site is unknown.</p> <p>The presence of one or more groundwater abstraction licences within close proximity of the Site indicates a reasonable groundwater resource potential.</p>	<p>MEDIUM</p>	<p>POTENTIAL SEVERITY OF IMPACT</p>
 <p>Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>The Site does not lie within a 'Coal Mining Reporting Area'.</p> <p>There are no brine affected areas within 75 m of the Site.</p> <p>The following are located within 500 m of the Site:</p>		<p>The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.</p> <p>The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues.</p> <p>Mineral Sites: Irthlingborough c. 463 m northwest and c. 485 m north. Type: opencast. Commodity: limestone. Status: ceased.</p> <p>Mining Instability: Conclusive iron ore mining located in the southeast of the Site. Source: Ove Arup & Partners.</p>		

2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

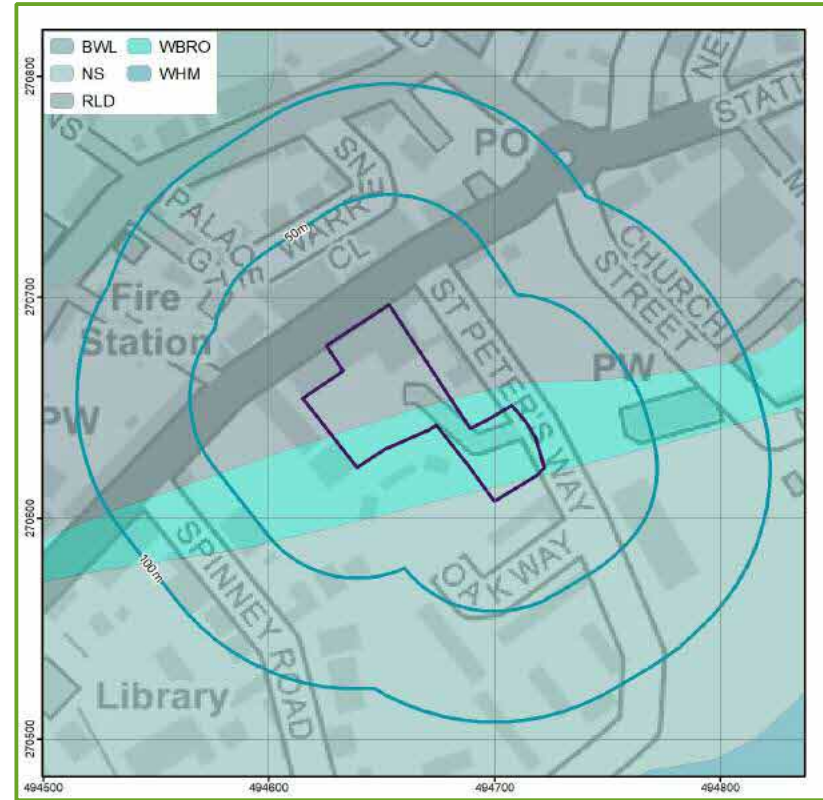
 <p>Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>Artificial ground / Made Ground is anticipated on Site.</p> <p>There are no natural hazards (with a hazard rating of moderate or above) at or within 50 m of the Site.</p>	<p>POTENTIAL RECEPTORS</p>	<p>Although BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site, a period of demolition on-Site has been identified from historical mapping.</p>	<p>MILD</p>	<p>POTENTIAL SEVERITY OF IMPACT</p>
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Superficial Geology (BGS, 2024)




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Bedrock Geology (BGS, 2024)






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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 <p>Geohazards <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>The Site does not lie within a 'Coal Mining Reporting Area'.</p> <p>There are no brine affected areas within 75 m of the Site.</p> <p>The following are located within 500 m of the Site:</p> <p>Artificial ground / Made Ground is anticipated on Site.</p> <p>There are no natural hazards (with a hazard rating of moderate or above) at or within 50 m of the Site.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">POTENTIAL RECEPTORS</p> <p>The Site does not lie within an identified coal mining area and is therefore unlikely to be affected by related ground stability or mine gas issues.</p> <p>The Site does not lie within an area of former brine working and is therefore unlikely to be affected by related ground stability issues.</p> <p>Mineral Sites: Irthlingborough c. 463 m northwest and c. 485 m north. Type: opencast. Commodity: limestone. Status: ceased.</p> <p>Mining Instability: Conclusive iron ore mining located in the southeast of the Site. Source: Ove Arup & Partners.</p> <p>Although BGS GeoIndex Onshore mapping does not have any artificial deposits recorded at the Site, a period of demolition on-Site has been identified from historical mapping.</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">MILD</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">POTENTIAL SEVERITY OF IMPACT</p>
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2.3 Conceptual understanding (environmental sensitivity / potential severity of impacts)

 <p>Surface water <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>The nearest water feature is an unnamed ditch, located c. 150 m southwest of the Site boundary.</p> <p>The Site lies within a Flood Zone 1 (low probability).</p> <p>There are no surface water abstraction licences within 1 km of the Site.</p>	POTENTIAL RECEPTORS	<p>Given the distance from the Site and the nature of the local geology, the sensitivity of local surface waters is judged to be low.</p>	MILD	POTENTIAL SEVERITY OF IMPACT
 <p>Environmental designations <i>(see the environmental data report in Section 3.3 for full details)</i></p>	<p>The following environmentally sensitive land uses are present within 500 m of the Site:</p> <p>Upper Nene Valley Gravel Pits (Ramsar Site, Site of Specific Scientific Interest and Special Protection Area) is located c. 340 m southeast of the Site.</p>		<p>Given the distance from the Site and the nature of the local geology, the sensitivity of local environmental designations is judged to be low.</p>	MILD	
 <p>Human receptors</p>	<p>Proposed residents/users of the Site.</p>		<p>Human receptors are proposed to be present on Site.</p>	SEVERE	


2.4 Regulator perspective

Consultation date	3rd January 2024	North Northamptonshire Council
GeoSmart consultant	Emilia Dončić	
Consultation outcome	The Council did not respond to GeoSmart within the time frame of this report.	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources: Former factory and commercial units								
1	Potential for inorganic and low volatility organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the known land use history of the Site (including a factory and commercial units) it is possible that sources of inorganic and low volatility organic contamination will be present within the subsurface soils. However, it is noted that the proposed development does not include private gardens and will include limited landscaping surrounding the proposed apartment buildings with majority hardstanding, which will likely decrease the potential for future Site users to be exposed to any in-situ contamination. It would be prudent to ensure that any new water supplies are installed in clean fill trenches utilising barrier pipework as a precaution.
2		Consumption of home grown produce			MEDIUM	UNLIKELY	LOW RISK	
3		Ingress into water supply pipework and subsequent water ingestion			MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
4		Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	


2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
On-Site sources: Former factory and commercial units								
5		Dissolution into pore water/shallow groundwater and subsequent migration		Rutland Formation (a Secondary (B) Aquifer) Wellingborough Limestone Member (a Secondary (B) Aquifer) Northampton Sand Formation (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants associated with the historic land use could impact groundwater quality within the bedrock deposits.
6		Dissolution into pore water/shallow groundwater and subsequent lateral migration		unnamed ditch (c. 150 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature.
7		Dissolution into aqueous phase and preferential migration via drainage structures			MEDIUM	UNLIKELY	LOW RISK	
8		Dissolution into pore water/shallow groundwater and subsequent lateral migration		ECO	Upper Nene Valley Gravel Pits Ramsar Site, SSSI and SPA (c. 340 m southeast)	MEDIUM	UNLIKELY	LOW RISK


2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
9	Potential for volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust		Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the known land use history of the Site (including a factory and commercial units) it is possible that sources of volatile organic contamination will be present within the subsurface soils. However, it is noted that the proposed development does not include private gardens and will include limited landscaping surrounding the proposed apartment buildings with majority hardstanding, which will likely decrease the potential for future Site users to be exposed to any in-situ contamination. It would be prudent to ensure that any new water supplies are installed in clean fill trenches utilising barrier pipework as a precaution.
10		Consumption of home-grown produce			MEDIUM	UNLIKELY	LOW RISK	
11		Ingress into water supply pipework and subsequent water ingestion			MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
12		Migration of vapours to surface; inhalation indoors			MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	
13		Migration of vapours to surface; inhalation outdoors			MEDIUM	UNLIKELY	LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
14	Potential for volatile organic contaminants to be present within the subsurface soils	Building materials in direct contact with aggressive ground	PROP	Future Site buildings	MILD	LOW LIKELIHOOD	LOW RISK	Given the potential presence of Made Ground beneath the Site as a result of periods of demolition, it would be considered prudent to verify the underlying ground condition prior to foundation design.
15		Dissolution into pore water/shallow groundwater and subsequent migration		Rutland Formation (a Secondary (B) Aquifer) Wellingborough Limestone Member Northampton Sand Formation (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants associated with the historic land use could impact groundwater quality within the bedrock deposits.
16		Dissolution into pore water/shallow groundwater and subsequent migration		unnamed ditch (c. 150 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature.
17		Dissolution into aqueous phase and preferential migration via drainage structures			MEDIUM	UNLIKELY	LOW RISK	
18		Dissolution into pore water/shallow groundwater and subsequent lateral migration	ECO	Upper Nene Valley Gravel Pits Ramsar Site, SSSI and SPA (c. 340 m southeast)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the significant distance to the nearest sensitive land use.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
19	Potential for asbestos containing materials within the subsurface soils	Liberation of sub surface ACMs and inhalation of asbestos fibres	HH	Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Given the age of the existing building structures asbestos-containing material may be present within the building fabric and surrounding subsoils. As partial demolition is proposed, an asbestos survey should be carried out before redevelopment commences.
20	Potential for dissolved phase contaminants to be present within shallow groundwater	Lateral and vertical groundwater movement via natural or artificial flow paths		Rutland Formation (a Secondary (B) Aquifer) Wellingborough Limestone Member (a Secondary (B) Aquifer) Northampton Sand Formation (a Secondary (A) Aquifer)	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	The potential presence of contaminants associated with the historic land use could impact groundwater quality within the bedrock deposits.
21		Lateral and vertical groundwater movement via natural or artificial flow paths		unnamed ditch (c. 150 m southwest)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the reasonable distance to the nearest surface water feature.
22		Lateral and vertical groundwater movement via natural or artificial flow paths		Upper Nene Valley Gravel Pits Ramsar Site, SSSI and SPA (c. 340 m southeast)	MEDIUM	UNLIKELY	LOW RISK	The risk classification reflects the significant distance to the nearest sensitive land use.

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	Receptors	Consequence	Probability	Risk classification	Comments
23	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion	On-Site properties and their occupants	SEVERE	UNLIKELY	MODERATE/LOW RISK	Based on the prevailing conceptual understanding an appreciable gas source is considered unlikely. The risk classification is a reflection of the severity of consequences rather than the likelihood of occurrence.
24		Lateral migration towards off-Site buildings; potential to cause an explosion	Off-Site properties and their occupants		UNLIKELY	MODERATE/LOW RISK	
25	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation	Occupants of on-Site buildings		UNLIKELY	MODERATE/LOW RISK	
26		Lateral migration towards off-Site buildings; potential to cause asphyxiation	Occupants of off-Site buildings		UNLIKELY	MODERATE/LOW RISK	
27	Potential for radon within the subsurface	Lateral migration towards on-Site buildings; potential to cause long term health effects	Occupants of on-Site buildings	MEDIUM	HIGH LIKELIHOOD	HIGH RISK	The Site lies in an area where >30% of homes are at or above the UK radon action level (200 Bq/m3).
OVERALL RISK RATING						MODERATE / LOW to LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
<p>Off-Site sources:</p> <ul style="list-style-type: none"> -Industrial developments including former factories / works adjacent to the Site, c. 100 m east, c. 110 m southwest and c. 55 m northwest. -Commercial developments including multiple contemporary trade directories within 50 m of the Site. -Cemetery c. 100 m southeast. 								
28	Potential for both inorganic and volatile organic contaminants to be present within the subsurface soils	Dermal contact, ingestion & inhalation of soils & soil dust		Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Industrial and commercial land Former industrial sites including printing works and factories, and both active and inactive commercial sites including cleaning services and garages have been identified within the Site locality, which may have given rise to some ground contamination. However it is recognised that these industrial sites are no longer active and are typically located > 50 m from the Site, with the exception of the former works adjacent to the Site. Although 10 commercial sites have been identified within 50 m of the Sites, these are listed as no longer active. It is also noted that the proposed development will be comprised of majority hardstanding and building cover, with limited landscaping adjacent to the proposed apartments, therefore the potential impacts on the Site are likely to be limited.
29		Consumption of home grown produce			MEDIUM	UNLIKELY	LOW RISK	
30		Ingress into water supply pipework and subsequent water ingestion			MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	

2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
31	Potential for both inorganic and volatile organic contaminants to be present within the subsurface soils	Migration of vapours to surface; inhalation indoors		Future Site occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	Cemetery: The St. Peter's Church cemetery has been identified c. 100 m southeast of the Site, which could give rise to contamination. However, given the reasonable distance of the cemetery, the potential impacts on the Site are likely to be limited.
32		Migration of vapours to surface; inhalation outdoors			MEDIUM	UNLIKELY	LOW RISK	




2.5 Potential Risks

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources: Unnamed landfill (licence holder not supplied) c. 225 m north.								
33	Potential for elevated methane to be present within the sub-surface soils	Lateral and vertical migration into on-Site buildings; potential to cause an explosion		On-Site properties and their occupants	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	A historical landfill has been identified c. 225 m north of the Site. Although information on operational dates have not been provided, the landfill has been identified on historical OS mapping (marked as a refuse tip) between 1964 and 1976. There is the potential for gas generation which could impact the Site. However, there are a number of factors which significantly reduce the likelihood of landfill gas affecting the proposed development including: - The age of the waste. According to historical mapping, infilling ceased in ~ 1976 making the material in the ground approximately 48 years old. Typically a landfill will achieve its peak gas generation potential within around 30 years following deposition, as such even if large quantities of putrescible material had been deposited the rate of gas generation will now be in decline. - The distance from the Site. Historical mapping indicates the absence of any landfilling activity within 100 m of the Site. The risk classification is based upon the consequence as opposed to the likelihood of occurrence.
34	Potential for elevated carbon dioxide to be present within the subsurface soils	Lateral and vertical migration into on-Site buildings; potential to cause asphyxiation		Occupants of on-Site buildings	MEDIUM	LOW LIKELIHOOD	MODERATE/LOW RISK	- The distance from the Site. Historical mapping indicates the absence of any landfilling activity within 100 m of the Site. The risk classification is based upon the consequence as opposed to the likelihood of occurrence.



2.5 Preliminary Risk Assessment

Nr	Sources	Pathways	TYPE	Receptors	Consequence	Probability	Risk classification	Comments
Off-Site sources: Electricity substation c. 85 m south.								
35	Potential contaminant: polychlorinated biphenyls (PCBs)	Dermal contact, ingestion & inhalation of soils & soil dust		Future Site occupants	MEDIUM	UNLIKELY	LOW RISK	Given the location of the substation (>50 m from the Site) and the relatively low mobility of PCB contaminants, it is unlikely that future Site occupants would be impacted.
36		Consumption of home grown produce			MEDIUM	UNLIKELY	LOW RISK	
37		Ingress into water supply pipework and subsequent water ingestion			MEDIUM	UNLIKELY	LOW RISK	
38		Migration of vapours to surface: inhalation indoors			MEDIUM	UNLIKELY	LOW RISK	
39		Migration of vapours to surface: inhalation outdoors			MEDIUM	UNLIKELY	LOW RISK	
OVERALL RISK RATING							MODERATE / LOW to LOW RISK	

2.6 Next Steps

	<p>Phase 2 Intrusive Investigation</p>	 	<p>Given the nature of the historical land use and therefore the potential for contamination to be present at the Site, it is recommended that a proportionate programme of site investigation and monitoring works be undertaken in order to establish the presence or absence of contamination and to enable a quantitative assessment of the associated environmental risks.</p>
		<p>Given the age of the existing building structures asbestos-containing material may be present within the building fabric and surrounding subsoils. As partial demolition is proposed, an asbestos survey should be carried out before redevelopment commences.</p> <p>Further advice:</p> <p>Please contact info@geosmartinfo.co.uk for further information regarding the need for a Phase 2 Investigation.</p> <p>For information on reputable site investigation companies, enquiries can be made directly to your local authority or via www.endsdirectory.com</p>	

2.7 Other recommendations

	Radon assessment / mitigation measures		<p>Given that the Site lies in an area where >30% of homes are at or above the UK radon action level (200 Bq/m³), we recommend that either further Radon Assessment is undertaken or that appropriate Radon Mitigation Measures are included in any future built structures.</p> <p>Further information can be found at http://www.ukradon.org/information/ Additionally local building control may have further knowledge in relation to radon risks within the area.</p>
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3. Supporting Information



The following supporting information is contained in this section:

Section	Content
3.1	Referenced materials used in the EnviroSmart reporting
3.2	Site photographs
3.3	Published environmental data records (Landmark Envirocheck report Land of 13 to 21 High Street IRTHLINGBOROUGH, NN9 5TE. REF: 329810202_1_1) including: <ul style="list-style-type: none"> • Aerial photographs and site map • Environmental permits, incidents and registers • Landfill and other waste sites • Current land use information • Geology • Hydrogeology and hydrology • Flooding • Designated environmentally sensitive sites • Other environmental factors
3.4	Risk assessment methodology
3.5	Historical land use maps

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43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Email: admin@tpos.co.uk

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- Liaise, at your request, with anyone acting formally on your behalf.

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Martin Lucass
Commercial Director
GeoSmart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings, Bellstone
Shrewsbury
SY1 1HU

Tel: 01743 298100
martinlucass@geosmartinfo.co.uk

3.1 References

The following references were used to inform the conceptual site model and preliminary risk assessment:

British Geological Survey, 2024. GeolIndex Onshore (<http://mapapps2.bgs.ac.uk/geoindex/home.html>)

British Standards Institute, 2011. Investigation of potentially contaminated sites –code of practice. BS10175:2011+A2:2017.

CIRIA, 2001. Contaminated land risk assessment. A guide to good practice. Publication C552. CIRIA London. ISBN 0-86017-552 9

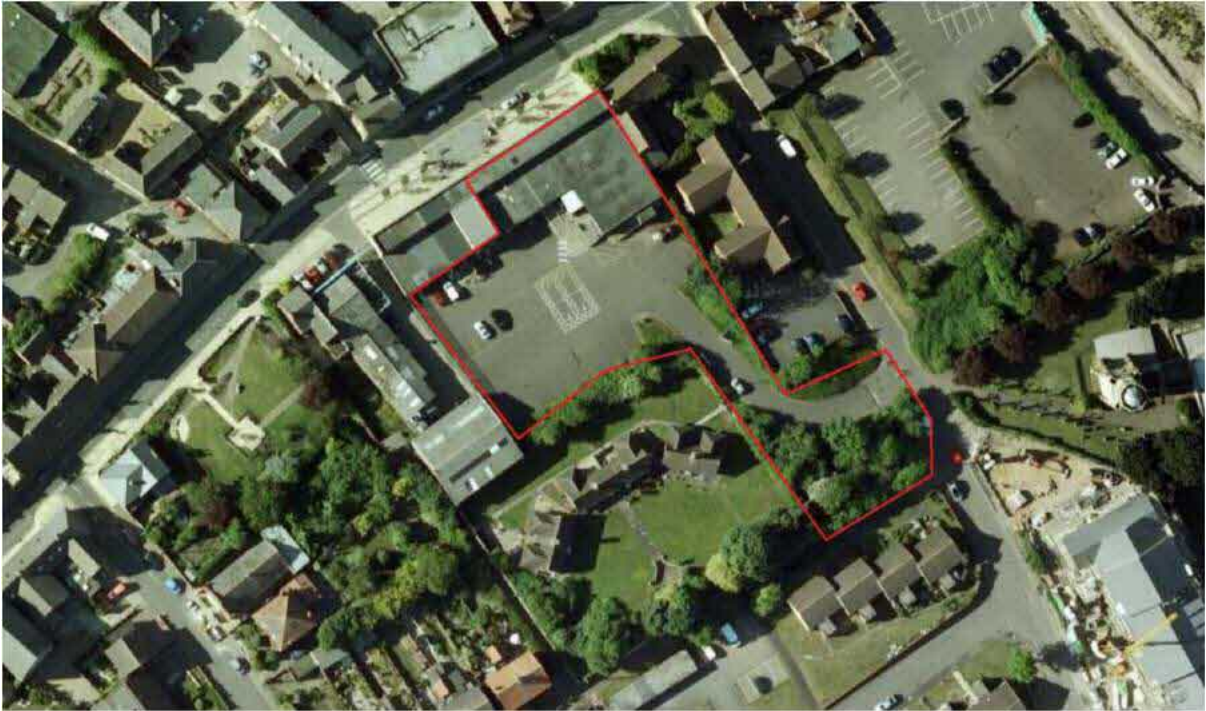
Environment Agency, 2023. Land Contamination Risk Management (LCRM)

GeoSmart Information Limited, 2024. National Groundwater Flood Risk Map (GW5)

Health Protection Agency, 2000. Spring 2000 Newsletter featuring: Radon: Guidance on Protective Measures for New Dwellings (BR 211).

Landmark, 2024. Landmark Envirocheck report Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE. REF: 329810202_1_1

3.2 Site photographs



Aerial View



View from High Street



Entrance to the Site from St Peter's Way



View across car park to rear of 13-21 High Street



View across var park with 13-21 High Street to right of image



View to rear of 13-21 High Street



View along site entrance back towards St Peter's Way

3.3 Environmental data report

Readily available environmental information relating to the Site and its surrounding area has been provided by Landmark.

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

329810202_1_1

Customer Reference:

81207

National Grid Reference:

494670, 270660

Slice:

A

Site Area (Ha):

0.19

Search Buffer (m):

1000

Site Details:

Land of 13 to 21 High Street

IRTHLINGBOROUGH

NN9 5TE

Client Details:

Ms J Bayliff

Geo Smart Information Limited

Suite 9-11, 1st Floor

Old Bank Buildings

Bellstone

Shrewsbury

Shropshire

SY1 1HU

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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2		1	9	6
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5			1	2
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters	pg 6			4	4
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 7			1	1
River Quality Biology Sampling Points	pg 8				1
River Quality Chemistry Sampling Points	pg 9				2
Substantiated Pollution Incident Register	pg 10			3	
Water Abstractions	pg 11				14 (*5)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 15	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 16	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 16	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	pg 16		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 16		Yes	n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 16		4	16	88

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites	pg 29				1
Historical Landfill Sites	pg 29		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 29				1
Local Authority Landfill Coverage	pg 29	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Registered Landfill Sites	pg 30				2
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 30			1	1
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 32	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 32			2	19
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 35	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 35				1
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 35	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 35	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 36		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 36		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 36	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 36		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 36	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 36	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 36	Yes	n/a	n/a	n/a

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 37		23	12	20
Fuel Station Entries	pg 42		1		2
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 43	3			
Ramsar Sites	pg 43			1	
Sites of Special Scientific Interest	pg 43			1	
Special Areas of Conservation					
Special Protection Areas	pg 43			1	
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	0	1	494666 270650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	75	1	494600 270750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	84	1	494800 270656
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	128	1	494500 270600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	204	1	494666 270900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	259	1	494600 270950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	265	1	494350 270656
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	279	1	494666 270350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (E)	290	1	495000 270700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	304	1	494666 271000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	366	1	494450 271000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	386	1	494500 271050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	405	1	494850 271050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	432	1	494650 270200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	435	1	494400 271050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	452	1	494450 271100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	473	1	494300 270300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	475	1	494250 270350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SW)	487	1	494200 270400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: St.Peters Way, Irthlingborough Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Aw5nf686 Permit Version: 1 Effective Date: 1st May 1979 Issued Date: 1st May 1979 Revocation Date: 2nd December 2016 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Nene Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 100m</p>	A13SE (S)	199	2	494700 270430
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Irthlingborough - Crouch Road Cso, Crouch Road, Irthlingborough, Northamptonshire, Nn9 5au Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprnb3691ns Permit Version: 1 Effective Date: 1st October 2019 Issued Date: 1st October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Nene Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	354	2	494640 270280
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Irthlingborough Sewerage System, Irthlingborough, Wellingborough, Nn9 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Aw5nf629 Permit Version: 2 Effective Date: 28th September 2007 Issued Date: 28th September 2007 Revocation Date: 30th September 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Nene Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	354	2	494640 270280
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Irthlingborough Sewerage System, Irthlingborough, Wellingborough, Nn9 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Aw5nf629 Permit Version: 1 Effective Date: 21st January 1974 Issued Date: 21st January 1974 Revocation Date: 27th September 2007 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Nene Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	354	2	494640 270280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Ltd Property Type: Not Given Location: Manhole A131 Streetorm Water Overflow Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: AW5NF/629 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st January 1974 Revocation Date: Not Supplied Discharge Type: Sewerage And Other Matter Discharge - Storm Sewerage Discharge: Freshwater Stream/River Environment: Receiving Water: Not Supplied Status: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	354	2	494640 270280
3	<p>Discharge Consents</p> <p>Operator: Stimpson Perkins Plc Property Type: Undefined Or Other Location: Site At Progressive Works On Finedo, Irthlingborough Authority: Environment Agency, Anglian Region Catchment Area: Mid River Nene (Oundle) Reference: Pr5nf5103 Permit Version: 1 Effective Date: 5th December 1985 Issued Date: 5th December 1985 Revocation Date: 26th February 1992 Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Nene Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A18SW (NW)	417	2	494490 271080
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Irthlingborough Sewerage System, Irthlingborough, Wellingborough, Nn9 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Aw5nf629 Permit Version: 2 Effective Date: 28th September 2007 Issued Date: 28th September 2007 Revocation Date: 30th September 2019 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Nene Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	434	2	495150 270600
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Irthlingborough Sewerage System, Irthlingborough, Wellingborough, Nn9 Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Aw5nf629 Permit Version: 1 Effective Date: 21st January 1974 Issued Date: 21st January 1974 Revocation Date: 27th September 2007 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Nene Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	434	2	495150 270600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Irthlingborough Lime Street Cso, Lime Street, Irthlingborough, Northamptonshire, Nn9 5sh Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprnb3691ew Permit Version: 1 Effective Date: 1st October 2019 Issued Date: 1st October 2019 Revocation Date: 30th March 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Nene Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	463	2	495180 270610
4	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Irthlingborough Lime Street Cso, Lime Street, Irthlingborough, Northamptonshire, Nn9 5sh Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Eprnb3691ew Permit Version: 2 Effective Date: 31st March 2020 Issued Date: 1st October 2019 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of The River Nene Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	463	2	495180 270610
5	<p>Discharge Consents</p> <p>Operator: Hanson Quarry Products Europe Property Type: MINERAL/GRAVEL EXTRACTION/QUARRYING Location: Stanwick S&G Quarry Arc Central, Higham Road, Stanwick, Northants Authority: Environment Agency, Anglian Region Catchment Area: Mid River Nene (Oundle) Reference: Prnnf12183 Permit Version: 1 Effective Date: 10th September 1998 Issued Date: 10th September 1998 Revocation Date: 29th March 2006 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Tributary River Nene Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m</p>	A8SE (S)	772	2	494760 269860
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Irthlingborough Pumping Station Station Road, Irthlingborough, Wellingborough, Northamptonshire, Nn9 5qe Authority: Environment Agency, Anglian Region Catchment Area: Mid River Nene (Oundle) Reference: Awnnf2404 Permit Version: 2 Effective Date: 3rd September 2010 Issued Date: 3rd September 2010 Revocation Date: 9th October 2017 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: R Nene Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	799	2	495500 270800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>Discharge Consents</p> <p>Operator: Anglian Water Services Limited Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Irthlingborough Pumping Station Station Road, Irthlingborough, Wellingborough, Northamptonshire, Nn9 5qe Authority: Environment Agency, Anglian Region Catchment Area: Not Given Reference: Awnnf2404 Permit Version: 1 Effective Date: 2nd January 1990 Issued Date: 2nd January 1990 Revocation Date: 2nd September 2010 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: R Nene Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	799	2	495500 270800
7	<p>Discharge Consents</p> <p>Operator: R. Griggs Group Ltd Property Type: Domestic Property (Multiple) Location: Station Road Cottages Station Rd, Irthlingboro, Northants, Nn9 5qe Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5lf5382 Permit Version: 1 Effective Date: 6th August 1987 Issued Date: 6th August 1987 Revocation Date: 19th September 1997 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Land Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	826	2	495540 270710
8	<p>Discharge Consents</p> <p>Operator: R Griggs & Co Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Irthlingborough, (Station Road) Authority: Environment Agency, Anglian Region Catchment Area: Mid River Nene (Oundle) Reference: Pr5nf678 Permit Version: 2 Effective Date: 11th March 1992 Issued Date: 11th March 1992 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Process Water Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Nene Status: Post National Rivers Authority Legislation where issue date > 31/08/1989 Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	910	2	495600 270860
8	<p>Discharge Consents</p> <p>Operator: Pittard Garner Services Ltd Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Irthlingborough, (Station Road) Authority: Environment Agency, Anglian Region Catchment Area: Not Supplied Reference: Pr5nf678 Permit Version: 1 Effective Date: 17th January 1979 Issued Date: 17th January 1979 Revocation Date: 10th March 1992 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Trib River Nene Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	910	2	495600 270860
9	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Abbey Vogue Ltd Location: 30 Victoria Street, Irthlingborough, Northamptonshire, NN9 5RG Authority: East Northamptonshire District Council (now part of North Northamptonshire Council), Environmental Health Department Permit Reference: En56 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/32 Adhesive coating Status: Authorisation revoked Positional Accuracy: Manually positioned to the address or location</p>	A12SE (W)	361	3	494272 270542

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Keunen Bros Ltd Location: Station Road, WELLINGBOROUGH, Northamptonshire, NN9 5QG Authority: East Northamptonshire District Council (now part of North Northamptonshire Council), Environmental Health Department</p> <p>Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/21 Hide and skin processes Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NW (E)	557	3	495218 270881
10	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Keunen Bros Ltd Location: Station Road, WELLINGBOROUGH, Northamptonshire, NN9 5QG Authority: East Northamptonshire District Council (now part of North Northamptonshire Council), Environmental Health Department</p> <p>Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG6/22 Leather finishing Status: Authorisation revoked Positional Accuracy: Manually positioned to the road within the address or location</p>	A14NW (E)	579	3	495238 270889
	<p>Nearest Surface Water Feature</p>	A13SW (SW)	149	-	494520 270537
11	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Fire Water Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Unknown Note: River Nene Incident Date: 16th October 1994 Incident Reference: 2182 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Fire Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	265	2	494400 270500
12	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Chemicals - Paints / Dyes Note: Tributary Nene Incident Date: 22nd May 1996 Incident Reference: 2686 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	274	2	494500 270400
13	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Nene Tributary Incident Date: 16th September 1992 Incident Reference: 1452 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A8NW (S)	343	2	494600 270300
14	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Water Company Sewage: Foul Sewer Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Crude Sewage Note: Tributary Of Nene Incident Date: 19th June 1996 Incident Reference: 2747 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Leaking Underground Pipe Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7NE (SW)	473	2	494300 270300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: Tributary River Nene Incident Date: 16th May 1993 Incident Reference: 1685 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A19SW (NE)	744	2	495300 271100
16	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Metal industry Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Inert Suspended Solids Note: Tributary Nene Incident Date: 16th September 1996 Incident Reference: 2832 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (SW)	971	2	494000 269900
17	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Not Given Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Unknown Note: River Nene Incident Date: 13th July 1993 Incident Reference: 1729 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A15SW (E)	983	2	495700 270600
18	<p>Pollution Incidents to Controlled Waters</p> <p>Property Type: Mining/Extraction: Other Location: Kettering District Authority: Environment Agency, Anglian Region Pollutant: Miscellaneous - Natural Note: Nene Incident Date: 17th April 1998 Incident Reference: 3343 Catchment Area: Not Given Receiving Water: Potential River Cause of Incident: Vandalism Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m</p>	A7SE (S)	998	2	494300 269700
	<p>River Quality</p> <p>Name: Nene GQA Grade: River Quality B Reach: Higham Lock...Irthlingborough Estimated Distance (km): 1 Flow Rate: Flow less than 5 cumecs Flow Type: Drain Year: 2000</p>	A13SE (SE)	282	2	494880 270406
	<p>River Quality</p> <p>Name: Nene GQA Grade: River Quality B Reach: Irthlingborough...Ringstead Estimated Distance (km): 9 Flow Rate: Flow less than 10 cumecs Flow Type: River Year: 2000</p>	A14NE (E)	959	2	495669 270755

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>River Quality Biology Sampling Points</p> <p>Name: Nene Reach: Irthlingborough To Ringstead Estimated Distance: 9.00 Positional Accuracy: Located by supplier to within 100m Year: 1990 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 1995 GQA Grade: River Quality Biology GQA Grade C - Fairly Good Year: 2000 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2002 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2003 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2004 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2005 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2006 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2007 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2008 GQA Grade: River Quality Biology GQA Grade B - Good Year: 2009 GQA Grade: River Quality Biology GQA Grade B - Good</p>	A15SW (E)	983	2	495700 270600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>River Quality Chemistry Sampling Points</p> <p>Name: Nene Reach: Broadholme Sewage Treatment Works To Higham Lock Estimated Distance: 6.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade E - Poor Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A15SW (E)	977	2	495694 270601

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<p>River Quality Chemistry Sampling Points</p> <p>Name: Nene Reach: Higham Lock To Irthlingborough Estimated Distance: 1.00 Objective: Not Supplied Positional Accuracy: Located by supplier to within 10m Year: 1990 GQA Grade: River Quality Chemistry GQA Grade D - Fair Compliance: Not Supplied Year: 1993 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1994 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1995 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1996 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1997 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1998 GQA Grade: River Quality Chemistry GQA Grade C - Fairly Good Compliance: Not Supplied Year: 1999 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2000 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2001 GQA Grade: River Quality Chemistry GQA Grade A - Very Good Compliance: Not Supplied Year: 2002 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2003 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2004 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2005 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2006 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2007 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2008 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied Year: 2009 GQA Grade: River Quality Chemistry GQA Grade B - Good Compliance: Not Supplied</p>	A15SW (E)	977	2	495694 270601
20	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 30th June 2002 Incident Reference: 88373 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage</p>	A13SW (S)	314	2	494591 270332
21	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 31st July 2013 Incident Reference: 1141832 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage</p>	A8NW (S)	348	2	494619 270290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>Substantiated Pollution Incident Register</p> <p>Authority: Environment Agency - Anglian Region, Northern Area Incident Date: 25th May 2005 Incident Reference: 315140 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Crude Sewage</p>	A13SE (SE)	364	2	494908 270326
23	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 3200 Yearly Rate (m3): 441846 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	873	2	495590 270670
23	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*g/005 Permit Version: Not Supplied Location: Well, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 442 Yearly Rate (m3): 3200000 Details: Fluvial Sand and Gravel; Status: Time Limit 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 10m</p>	A14NE (E)	873	2	495590 270665
24	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 3200 Yearly Rate (m3): 441846 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	891	2	495570 270895
24	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*G/0005 Permit Version: 100 Location: Well A At Irthlingborough Authority: Environment Agency, Anglian Region Abstraction: Private Water Undertaking: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 30th November 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	892	2	495570 270900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Private Water Undertaking Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 48 Yearly Rate (m3): 8154 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	892	2	495570 270900
24	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*g/005 Permit Version: Not Supplied Location: Well, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 442 Yearly Rate (m3): 3200000 Details: Fluvial Sand and Gravel; Status: Time Limit 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 10m</p>	A14NE (E)	896	2	495575 270895
24	<p>Water Abstractions</p> <p>Operator: Mid-Northants Water Board Licence Number: 5/32/09/*g/083 Permit Version: Not Supplied Location: Well At, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 200 Yearly Rate (m3): 545520 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	896	2	495580 270880
24	<p>Water Abstractions</p> <p>Operator: Rushden & Diamonds F C Ltd Licence Number: 5/32/09/*G/0005 Permit Version: 101 Location: Well A At Irthlingborough Authority: Environment Agency, Anglian 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: Fluvial Sand and Gravel; Status: Time Limit Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	897	2	495575 270900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*g/005 Permit Version: Not Supplied Location: Well, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 450 Yearly Rate (m3): 16000000 Details: Fluvial Sand and Gravel; Status: Time Limit 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 10m</p>	A14NE (E)	924	2	495620 270835
25	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: River Nene, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 16000 Yearly Rate (m3): 450000 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A14NE (E)	925	2	495620 270840
26	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*g/005 Permit Version: Not Supplied Location: River Nene, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 442 Yearly Rate (m3): 3200000 Details: Status: Time Limit 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 10m</p>	A14SE (E)	932	2	495650 270620
27	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: River Nene At, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3200 Yearly Rate (m3): 441846 Details: Perpetuity 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</p>	A15NW (E)	978	2	495690 270745

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	<p>Water Abstractions</p> <p>Operator: Garner Booth Plc Licence Number: 5/32/09/**/005 Permit Version: Not Supplied Location: River Nene, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 3200 Yearly Rate (m3): 441846 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A15NW (E)	979	2	495690 270750
27	<p>Water Abstractions</p> <p>Operator: R Griggs Group Ltd Licence Number: 5/32/09/*g/005 Permit Version: Not Supplied Location: River Nene, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 442 Yearly Rate (m3): 3200000 Details: Status: Time Limit 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 10m</p>	A15NW (E)	983	2	495695 270745
	<p>Water Abstractions</p> <p>Operator: Mid-Northants Water Board Licence Number: 5/32/09/*g/083 Permit Version: Not Supplied Location: Well At, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 118 Yearly Rate (m3): 318220 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1041	2	495730 270880
	<p>Water Abstractions</p> <p>Operator: Mid-Northants Water Board Licence Number: 5/32/09/*g/083 Permit Version: Not Supplied Location: Bore At, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 118 Yearly Rate (m3): 318220 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A15NW (E)	1097	2	495770 270945

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>Water Abstractions</p> <p>Operator: Mid-Northants Water Board Licence Number: 5/32/09/*g/083 Permit Version: Not Supplied Location: Bore At, IRTHLINGBOROUGH Authority: Environment Agency, Anglian Region Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: Well And Borehole Daily Rate (m3): 118 Yearly Rate (m3): 318220 Details: Fluvial Sand and Gravel; Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A20SW (E)	1134	2	495790 271005
	<p>Water Abstractions</p> <p>Operator: Freightroute Limited Licence Number: 5/32/09/*s/153 Permit Version: Not Supplied Location: River Nene At, HIGHAM FERRERS Authority: Environment Agency, Anglian Region Abstraction: Industrial Processing (Miscellaneous) Abstraction Type: Not Supplied Source: Stream Daily Rate (m3): 34 Yearly Rate (m3): 136000 Details: Status: Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A10NW (E)	1167	2	495800 270200
	<p>Water Abstractions</p> <p>Operator: D S Paterson Licence Number: 5/32/09/*G/0102 Permit Version: 100 Location: Well, Redlands Farm Authority: Environment Agency, Anglian 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: Fluvial Sand and Gravel; Status: Perpetuity Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st March 1973 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(E)	1770	2	496480 270470
	<p>Groundwater Vulnerability Map</p> <p>Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data</p>	A13SE (S)	0	4	494667 270650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: 3-10m Superficial Recharge: No Data	A13SW (SE)	0	4	494666 270656
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13SW (SE)	0	4	494666 270656
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (S)	0	4	494667 270650
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	A13SW (SE)	0	4	494666 270656
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	186	2	494794 270467
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13SE (SE)	199	2	494796 270451
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 220.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SW (SW)	149	5	494520 270537
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 523.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SE (SE)	220	5	494802 270432
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SW (SW)	221	5	494557 270434

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SW (SW)	223	5	494560 270431
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 64.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SW (S)	261	5	494595 270385
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 118.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13SW (S)	295	5	494640 270339
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 262.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13NE (N)	304	5	494679 270999
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 221.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A18SW (N)	307	5	494620 271001
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 58.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A13SE (S)	308	5	494749 270325
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 593.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NE (SE)	333	5	494821 270311
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 117.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NW (S)	348	5	494614 270291
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NE (S)	362	5	494777 270276

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 293.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A13NE (NE)	373	5	494883 270991
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 267.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NE (SE)	386	5	494931 270315
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 321.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NE (SE)	396	5	494931 270302
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 352.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8NE (S)	415	5	494685 270215
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 255.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SW (E)	422	5	495137 270589
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 163.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SW (SE)	430	5	495030 270340
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SW (SE)	469	5	495149 270452
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 252.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A18SW (NW)	480	5	494444 271128
48	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	556	5	495140 270274

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 48.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	567	5	495148 270267
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14NW (NE)	576	5	495168 270997
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14NW (NE)	576	5	495168 270997
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14NW (NE)	577	5	495168 270999
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A19SW (NE)	593	5	495160 271034
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 144.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14NW (NE)	597	5	495226 270950
55	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 76.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	615	5	495182 270233
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 148.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SW (E)	621	5	495338 270599
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 352.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SW (E)	621	5	495338 270603

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
58	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A19SW (NE)	631	5	495131 271116
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A19SW (NE)	632	5	495134 271114
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 254.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A19SW (NE)	635	5	495160 271094
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	642	5	495143 270156
62	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 118.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	643	5	495148 270159
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 397.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8NE (SE)	662	5	494974 270025
64	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 79.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	686	5	495255 270210
65	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	701	5	495174 270104
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	713	5	495184 270097

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 7.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	713	5	495184 270097
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	714	5	495337 270281
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	714	5	495337 270281
70	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 50.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	714	5	495179 270091
71	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	716	5	495326 270258
72	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 43.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	719	5	495143 270056
73	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 107.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	719	5	495143 270056
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	720	5	495352 270296
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	720	5	495352 270296

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 123.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	721	5	495205 270105
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	723	5	495109 270028
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17SE (NW)	724	5	494268 271309
79	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 65.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	725	5	495327 270244
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	728	5	494730 269902
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 247.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	729	5	494725 269900
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	732	5	495379 270322
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 410.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	732	5	495379 270322
84	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 117.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	734	5	495363 270287

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	739	5	495092 270000
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	739	5	495092 270000
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SE (E)	742	5	495454 270545
88	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 178.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NE (SE)	744	5	495386 270311
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SE (E)	763	5	495478 270573
90	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 21.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	766	5	495332 270179
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 202.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17SE (NW)	770	5	494216 271330
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17SE (NW)	770	5	494216 271330
93	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 106.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9SW (SE)	776	5	495055 269937

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
94	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 25.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	780	5	495333 270158
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	782	5	495250 270063
96	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 104.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9NW (SE)	783	5	495254 270066
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 141.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	786	5	494779 269847
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.9 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17NE (NW)	809	5	494195 271363
99	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 158.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9SW (SE)	849	5	495174 269921
100	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 150.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A9SW (SE)	858	5	495041 269841
101	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 50.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	865	5	494902 269788
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 419.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	873	5	495361 270046

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	875	5	495328 270009
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 455.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NW (SE)	876	5	495322 270001
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 142.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17NE (NW)	887	5	494124 271410
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 403.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	897	5	495380 270031
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	900	5	495345 269992
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	900	5	495345 269992
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	903	5	495349 269991
110	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 17.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (SE)	904	5	495350 269990
111	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 75.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	914	5	494926 269743

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17NE (NW)	916	5	494017 271363
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 82.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17NE (NW)	919	5	494013 271363
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 253.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A14SE (E)	923	5	495630 270498
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 235.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9SW (SE)	934	5	495279 269890
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9SW (SE)	937	5	495215 269842
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9SW (SE)	937	5	495215 269842
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A14SE (E)	944	5	495621 270362
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 225.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A14SE (E)	944	5	495621 270362
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9SW (SE)	950	5	495228 269835

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SW (S)	951	5	494650 269680
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 408.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 2	A8SW (S)	951	5	494650 269680
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A9NE (E)	952	5	495612 270308
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A14SE (E)	955	5	495672 270619
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 146.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A14SE (E)	955	5	495672 270619
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Navigation Catchment Name: Nene Primacy: 1	A9NE (E)	959	5	495619 270307
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Navigation Catchment Name: Nene Primacy: 1	A9NE (E)	959	5	495619 270307
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A9NE (E)	960	5	495625 270321
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 260.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Navigation Catchment Name: Nene Primacy: 2	A9NE (E)	962	5	495615 270288

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SW (S)	962	5	494640 269669
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SW (S)	965	5	494638 269666
132	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A17NE (NW)	979	5	494154 271538
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Nene Primacy: 1	A8SE (S)	980	5	494930 269676
134	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 67.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Navigation Catchment Name: Nene Primacy: 2	A15NW (E)	995	5	495703 270770
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 277.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Nene Catchment Name: Nene Primacy: 1	A15NW (E)	995	5	495704 270761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
136	BGS Recorded Landfill Sites Site Name: Windmill Road Location: IRTHLINGBOROUGH, Northants Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Derived	A12SW (W)	903	-	493733 270460
137	Historical Landfill Sites Licence Holder: Not Supplied Location: Irthlingborough, Northamptonshire Name: Off Finedon Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD02352 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A13NW (N)	226	2	494639 270921
138	Historical Landfill Sites Licence Holder: Keunen Brothers Limited Location: Irthlingborough Name: Station Road Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD02145 First Input Date: 1st September 1977 Last Input Date: 31st December 1979 Specified Waste: Deposited Waste included Liquid Sludge Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: E/77/007	A14NE (E)	840	2	495535 270832
139	Historical Landfill Sites Licence Holder: Not Supplied Location: Off Windmill Road, Irthlingborough, East Northamptonshire Name: Windmill Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD02161 First Input Date: 31st December 1958 Last Input Date: 30th January 1975 Specified Waste: Deposited Waste included Inert, Industrial and Commercial Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 2566 Other Ref: E/B	A11SE (W)	991	2	493638 270494
140	Licensed Waste Management Facilities (Locations) Licence Number: 70593 Location: Higham Road, Stanwick, Northamptonshire, NN9 5QF Operator Name: A R C Eastern Ltd Operator Location: Not Supplied Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: Expired Issued: 1st February 1989 Last Modified: Not Supplied Expires: 1st January 2000 Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SW (E)	983	2	495700 270600
	Local Authority Landfill Coverage Name: Northamptonshire County Council - Has supplied landfill data		0	7	494666 270656

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: East Northamptonshire District Council - Landfill data has been supplied by another authority		0	6	494666 270656
141	Registered Landfill Sites Licence Holder: Arc Eastern Ltd Licence Reference: E/046 Site Location: Stanwick Quarry Higham Road, Stanwick, Raunds, Wellingborough, Northamptonshire Licence Easting: 495650 Licence Northing: 270850 Operator Location: Ashby Road East, Shepshed, LOUGHBOROUGH, Leicestershire, LE12 9BU Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1995 Preceded By: E/046 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Max.Waste Permitted By Licence Northants Cat. A1 -Solid Inert (Soils) Northants Cat. A2 -Sol.Inert (Inc.Dem) Prohibited Waste: Waste N.O.S.	A14NE (E)	957	2	495650 270850
141	Registered Landfill Sites Licence Holder: Arc Eastern Ltd Licence Reference: E/046 Site Location: Stanwick Quarry Higham Road, Stanwick, Raunds, Wellingborough, Northamptonshire Licence Easting: 495650 Licence Northing: 270850 Operator Location: Ashby Road East, Shepshed, LOUGHBOROUGH, Leicestershire, LE12 9BU Authority: Environment Agency - Anglian Region, Northern Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Record supersededSuperseded Dated: 1st October 1989 Preceded By: Not Given Licence: Superseded By: E/046 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Max.Waste Permitted By Licence Sub/Topsoil, Clay	A14NE (E)	957	2	495650 270850
142	Registered Waste Treatment or Disposal Sites Licence Holder: Shirplass Ltd Licence Reference: E/075 Site Location: Lees Street / Victoria Street, Irthlingborough, Wellingborough, Northamptonshire Operator Location: 90 High Street, IRTHLINGBOROUGH, Northamptonshire, NN9 5PX Authority: Environment Agency - Anglian Region, Northern Area Site Category: Treatment Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st November 1992 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Storage Scrap Thermoplastics Prohibited Waste: Waste N.O.S.	A13SW (W)	288	2	494340 270570

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	<p>Registered Waste Treatment or Disposal Sites</p> <p>Licence Holder: Keunen Bros.Ltd Licence Reference: E/007 Site Location: Station Road, Irthlingborough, Wellingborough, Northamptonshire Operator Location: As Site Address Authority: Environment Agency - Anglian Region, Northern Area Site Category: Storage - Lagoon Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 30th September 1977 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate Authorised Waste: Residue Ex Treatment Plant</p>	A14NE (E)	907	2	495617 270759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Inferior Oolite Group	A13SW (SE)	0	1	494666 270656
144	BGS Recorded Mineral Sites Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139557 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	463	1	494272 270977
145	BGS Recorded Mineral Sites Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139560 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A18SW (N)	485	1	494585 271176
146	BGS Recorded Mineral Sites Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139556 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	535	1	494231 271039
147	BGS Recorded Mineral Sites Site Name: Crow Hill Brick Fields Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139545 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Whitby Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	563	1	495101 271052
148	BGS Recorded Mineral Sites Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 98935 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	593	1	495180 270265

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139555 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	607	1	494782 271289
150	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139554 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	621	1	494711 271314
151	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pine Lodge Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139672 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Northampton Sand Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7NE (SW)	655	1	494294 270078
152	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Brick & Tile Works Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139674 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Whitby Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A8SW (S)	741	1	494447 269925
153	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139553 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	755	1	494874 271418
154	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248252 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	756	1	495180 270038

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
155	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248257 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	808	1	495347 270129
156	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 5805 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	810	1	495020 269885
157	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Pine Lodge Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139671 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Northampton Sand Formation Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	838	1	494110 269982
158	<p>BGS Recorded Mineral Sites</p> <p>Site Name: White Lodge Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139670 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	849	1	493910 270182
159	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248256 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	855	1	495526 270356
160	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139558 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m</p>	A17NE (NW)	875	1	494149 271411

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	BGS Recorded Mineral Sites Site Name: Irthlingborough Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 139559 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Jurassic Geology: Blisworth Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	907	1	494097 271415
162	BGS Recorded Mineral Sites Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248251 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SE (S)	920	1	494831 269719
163	BGS Recorded Mineral Sites Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248255 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	978	1	495487 270032
164	BGS Recorded Mineral Sites Site Name: Irthlingborough Gravel Pit Location: Irthlingborough, Wellingborough, Northamptonshire Source: British Geological Survey, National Geoscience Information Service Reference: 248254 Type: Opencast Status: Ceased Operator: Hanson Aggregates, Central Region Operator Location: Not Supplied Periodic Type: Holocene Geology: Alluvium (River Nene Gravel, Concealed) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9SE (SE)	982	1	495358 269892
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Mining Instability Mining Evidence: Conclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (SE)	0	-	494666 270656
	Man-Made Mining Cavities Easting: 494000 Northing: 269900 Distance: 971 Quadrant Reference: A7 Quadrant Reference: SE Bearing Ref: SW Cavity Type: Ironstone Mine-Entry Adits Commodity: Iron Solid Geology Detail: No Details Superficial Geology: No Details Detail:	A7SE (SW)	971	8	494000 269900
	Non Coal Mining Areas of Great Britain Risk: Highly Likely Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	494640 270656
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	494767 270449
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	494767 270449
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	86	1	494575 270747
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	15	1	494678 270609
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	158	1	494763 270483
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	163	1	494745 270468
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	241	1	494687 270936
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	189	1	494767 270449
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	494667 270650
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	86	1	494575 270747
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	158	1	494763 270483
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Higher probability radon area (more than 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	494666 270625
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656
	Radon Potential - Radon Protection Measures Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	494666 270625
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (SE)	0	1	494666 270656

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
165	Contemporary Trade Directory Entries Name: Wedgewood Laundry & Dry Cleaners Location: 29, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Laundries & Laundrettes Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	6	-	494615 270661
165	Contemporary Trade Directory Entries Name: Highcross Motors Location: 31, High Street, Irthlingborough, WELLINGBOROUGH, Northamptonshire, NN9 5TE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	11	-	494607 270648
165	Contemporary Trade Directory Entries Name: Highcross Motors Ltd Location: 29-31, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	11	-	494607 270648
165	Contemporary Trade Directory Entries Name: Highcross Motors Location: 31, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	11	-	494607 270648
165	Contemporary Trade Directory Entries Name: Highcross Motors Location: 31, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	11	-	494607 270648
165	Contemporary Trade Directory Entries Name: Joyland Star Cleaners Location: 33, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	20	-	494596 270650
165	Contemporary Trade Directory Entries Name: Cash It In Location: 46b, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TN Classification: Electrical Goods Sales, Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (W)	40	-	494587 270681
165	Contemporary Trade Directory Entries Name: Unique Fabrications Ltd Location: Spinney Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RY Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	52	-	494590 270605
166	Contemporary Trade Directory Entries Name: Kingsmaid Location: 11, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TE Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	10	-	494664 270698
166	Contemporary Trade Directory Entries Name: Tesco Petrol Filling Station Location: 36-42, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TN Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	30	-	494615 270706
167	Contemporary Trade Directory Entries Name: T R Narrow Boats Sandblasting Location: 6a, Spinney Road, Irthlingborough, Wellingborough, NN9 5RY Classification: Boat Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	97	-	494562 270569

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
168	Contemporary Trade Directory Entries Name: Abba Trading Co Ltd Location: 68, High Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5PX Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (W)	104	-	494522 270609
169	Contemporary Trade Directory Entries Name: Simplicity Blinds Ltd Location: 6, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5SN Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	116	-	494763 270749
170	Contemporary Trade Directory Entries Name: Highcross Motors Location: 10, Finedon Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TZ Classification: Car Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	123	-	494689 270814
170	Contemporary Trade Directory Entries Name: K J Cars Uk Ltd Location: 10, Finedon Road, Irthlingborough, Wellingborough, NN9 5TZ Classification: Car Dealers - Used Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (N)	128	-	494714 270809
171	Contemporary Trade Directory Entries Name: Simplicity Location: 6, The Bull Courtyard, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5UQ Classification: Blinds, Awnings & Canopies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	145	-	494744 270810
172	Contemporary Trade Directory Entries Name: Sanders & Sanders Location: Express Hall, Nene View, Irthlingborough, Wellingborough, Northamptonshire, NN9 5SG Classification: Footwear Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	147	-	494865 270637
173	Contemporary Trade Directory Entries Name: Lesley'S Loft Location: Beloveds Cottage, Meeting Lane, Irthlingborough, Wellingborough, Northamptonshire, NN9 5SQ Classification: Hospitals Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13NE (E)	197	-	494888 270734
174	Contemporary Trade Directory Entries Name: Tim Offen Location: New St, Irthlingborough, Wellingborough, Northamptonshire, NN9 5UG Classification: Car Breakdown & Recovery Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	217	-	494811 270845
174	Contemporary Trade Directory Entries Name: M Robinson Location: 21, Spring Terrace, Irthlingborough, Wellingborough, Northamptonshire, NN9 5UE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	219	-	494769 270882
174	Contemporary Trade Directory Entries Name: S & R Motoring Services Location: New St, Irthlingborough, Wellingborough, Northants, NN9 5UG Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	247	-	494825 270874
174	Contemporary Trade Directory Entries Name: The Utile Engineering Co Ltd Location: New Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5UG Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	250	-	494806 270894

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
175	Contemporary Trade Directory Entries Name: R Griggs & Co Ltd Location: 25, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5SP Classification: Footwear Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	248	-	494871 270834
176	Contemporary Trade Directory Entries Name: Baileys Location: 23, Nursery Gardens, Irthlingborough, Wellingborough, Northamptonshire, NN9 5DE Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (NW)	256	-	494413 270820
177	Contemporary Trade Directory Entries Name: Shirplass Ltd Location: 90 High St, Irthlingborough, Wellingborough, Northamptonshir, NN9 5PX Classification: Polythene & Plastic Sheeting Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	276	-	494372 270524
178	Contemporary Trade Directory Entries Name: Luxury Chauffeur Travel Location: 6, Fernmoor Drive, Irthlingborough, Wellingborough, Northamptonshire, NN9 5TL Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	288	-	494568 270972
179	Contemporary Trade Directory Entries Name: Robert Pack Cricket Location: 103, High Street, Irthlingborough, Wellingborough, NN9 5PU Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	310	-	494380 270452
180	Contemporary Trade Directory Entries Name: Dats Print Services Location: 30, Victoria Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RG Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	359	-	494275 270542
180	Contemporary Trade Directory Entries Name: Garden Machinery Services Location: 11, Queen Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RW Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	401	-	494238 270520
181	Contemporary Trade Directory Entries Name: Regal Leasing Location: Manor Mews, 29, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5SP Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	378	-	494984 270907
182	Contemporary Trade Directory Entries Name: Cooper Rason Ltd Location: Co-operative Yard, 74, Victoria Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RG Classification: Conveyors & Conveyor Belts Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	408	-	494241 270493
182	Contemporary Trade Directory Entries Name: A M R Logan Press Location: 74, VICTORIA STREET, IRTHLINGBOROUGH, NN9 5RG Classification: Bookbinding & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	410	-	494239 270491
182	Contemporary Trade Directory Entries Name: Anglia Oils Location: Victoria St, Irthlingborough, Wellingborough, Northants, NN9 5RG Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SE (SW)	440	-	494223 270456

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	Contemporary Trade Directory Entries Name: Wrightsons Ltd Location: 89, Finedon Road, Irthlingborough, Wellingborough, NN9 5TY Classification: Printers Status: Active Positional Accuracy: Automatically positioned to the address	A17SE (NW)	487	-	494272 271012
184	Contemporary Trade Directory Entries Name: Fosters Foods Ltd Location: Tower Factory, Victoria Street, Irthlingborough, NN9 5RG Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	496	-	494202 270381
185	Contemporary Trade Directory Entries Name: Sonifex Ltd Location: 61, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QE Classification: Sound Equipment Systems Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	535	-	495178 270909
185	Contemporary Trade Directory Entries Name: Headleys Ltd Location: 63, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QE Classification: Sports Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	567	-	495196 270941
186	Contemporary Trade Directory Entries Name: Healey Bros Ltd Location: 106, Victoria Street, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RG Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	548	-	494139 270384
187	Contemporary Trade Directory Entries Name: Emergency Drivers Ltd Location: 35, Windmill Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5RJ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (W)	581	-	494075 270440
188	Contemporary Trade Directory Entries Name: Pestwise Pest Control Location: 34, Hayway, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QP Classification: Pest & Vermin Control Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	582	-	494347 270132
189	Contemporary Trade Directory Entries Name: Central Garage Location: 76, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QE Classification: Car Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A14NW (E)	603	-	495275 270866
190	Contemporary Trade Directory Entries Name: Pump & Package Ltd Location: 65 Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QE Classification: Pumps - Sales, Servicing & Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	605	-	495249 270926
190	Contemporary Trade Directory Entries Name: Thomas H Loveday Ltd Location: 65, Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QE Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	606	-	495245 270935
191	Contemporary Trade Directory Entries Name: L Langley Location: Finedon Rd, Irthlingborough, Wellingborough, Northamptonshire, NN9 5UB Classification: Print Finishers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A17SE (NW)	621	-	494192 271122

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
192	Contemporary Trade Directory Entries Name: Zazman Exports Location: Attley Way, Irthlingborough, Wellingborough, Northamptonshire, NN9 5GF Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SW (NE)	708	-	495274 271076
193	Contemporary Trade Directory Entries Name: Kilby Motors Location: Irthlingborough, NN9 5RE Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	712	-	494083 270181
194	Contemporary Trade Directory Entries Name: Whitworths Group Ltd Location: Orchard House, Irthlingborough, Wellingborough, NN9 5DB Classification: Food Products - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	725	-	493992 270284
194	Contemporary Trade Directory Entries Name: Whitworths Location: Orchard House, Irthlingborough, Wellingborough, NN9 5DB Classification: Food Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	725	-	493992 270284
195	Contemporary Trade Directory Entries Name: Zazman Exports Location: 1 Diamonds Business Centre, Attley Way, Irthlingborough, Wellingborough, Northamptonshire, NN9 5GF Classification: Footwear Manufacturers & Wholesale Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A14NE (E)	749	-	495411 270920
196	Contemporary Trade Directory Entries Name: M A Metals Location: Station Road, Irthlingborough, Wellingborough, Northamptonshire, NN9 5QF Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A14NE (E)	837	-	495551 270716
197	Contemporary Trade Directory Entries Name: The Print Factory Location: Lexicon House, Station Road, Irthlingborough, NN9 5QF Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NE (E)	859	-	495561 270801
198	Contemporary Trade Directory Entries Name: Advanced Cleaning Services Location: 7, Randall Close, Irthlingborough, Wellingborough, Northamptonshire, NN9 5HE Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8SW (S)	872	-	494372 269810
199	Contemporary Trade Directory Entries Name: Star Range Country Sports Location: 4, Whitworth Way, Irthlingborough, Wellingborough, Northamptonshire, NN9 5LB Classification: Gunsmiths Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	873	-	494296 269835
200	Contemporary Trade Directory Entries Name: Halo Energy Ltd Location: 11, Diamond Drive, Irthlingborough, Wellingborough, NN9 5PT Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	924	-	494002 269961
201	Contemporary Trade Directory Entries Name: Advanced Cleaning Services Location: 17, William Trigg Close, Irthlingborough, Wellingborough, Northamptonshire, NN9 5LD Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A7SE (SW)	961	-	494159 269803

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
202	Fuel Station Entries Name: Central Garage Location: 31, High Street , Irthlingborough , Wellingborough, Northamptonshire, NN9 5TE Brand: Flare Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13SW (W)	11	-	494607 270647
203	Fuel Station Entries Name: Healey Bros Location: Victoria Street , Irthlingborough , Wellingborough, Northamptonshire, NN9 5RG Brand: Arndale Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	547	-	494139 270385
204	Fuel Station Entries Name: Kilby Motors Ltd Location: Wellingborough Road , Irthlingborough , Wellingborough, Northamptonshire, NN9 5RE Brand: Flare Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7NE (SW)	708	-	494089 270180

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	Nitrate Vulnerable Zones Name: Thrapstone Lake Eutrophic Lake Nvz Description: Eutrophic Water Source: Environment Agency, Head Office	A13SW (SE)	0	4	494666 270656
206	Nitrate Vulnerable Zones Name: Northampton Sands Description: Groundwater Source: Environment Agency, Head Office	A13SW (SE)	0	4	494666 270656
207	Nitrate Vulnerable Zones Name: River Nene Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SW (SE)	0	4	494666 270656
208	Ramsar Sites Name: Upper Nene Valley Gravel Pits Multiple Areas: Y Total Area (m2): 13576772.33 Source: Natural England Reference: UK11083 Designation Date: Not Supplied	A13SE (SE)	337	9	494950 270392
209	Sites of Special Scientific Interest Name: Upper Nene Valley Gravel Pits Multiple Areas: Y Total Area (m2): 13824194.5 Source: Natural England Reference: 2000494 Designation Details: Ramsar Site Designation Date: 24th November 2005 Date Type: Notified Designation Details: Special Protection Area Designation Date: 24th November 2005 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 24th November 2005 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 24th November 2005 Date Type: Notified	A13SE (SE)	337	9	494950 270392
210	Special Protection Areas Name: Upper Nene Valley Gravel Pits Multiple Areas: Y Total Area (m2): 13576772.95 Source: Natural England Reference: UK9020296 Designation Date: Not Supplied	A13SE (SE)	337	9	494950 270392

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Wellingborough Borough Council (now part of North Northamptonshire Council) - Environmental Health Department Bedford Borough Council - Environmental Health Department North Northamptonshire Council Environment Agency - Head Office East Northamptonshire District Council (now part of North Northamptonshire Council) - Environmental Health Department Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department	August 2013 December 2014 December 2019 November 2023 September 2017 September 2017	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annually Annual Rolling Update Annual Rolling Update
Discharge Consents Environment Agency - Anglian Region	October 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Anglian Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control East Northamptonshire District Council (now part of North Northamptonshire Council) - Environmental Health Department Wellingborough Borough Council (now part of North Northamptonshire Council) - Environmental Health Department North Northamptonshire Council Bedford Borough Council - Environmental Health Department Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department	December 2020 December 2020 February 2015 March 2015 November 2014	Variable Variable Variable Variable Variable
Local Authority Pollution Prevention and Controls Bedford Borough Council - Environmental Health Department East Northamptonshire District Council (now part of North Northamptonshire Council) - Environmental Health Department Wellingborough Borough Council (now part of North Northamptonshire Council) - Environmental Health Department North Northamptonshire Council Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department	December 2020 December 2020 December 2020 February 2015 November 2014	Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Wellingborough Borough Council (now part of North Northamptonshire Council) - Environmental Health Department North Northamptonshire Council East Northamptonshire District Council (now part of North Northamptonshire Council) - Environmental Health Department Bedford Borough Council - Environmental Health Department Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department	December 2014 February 2015 June 2014 March 2015 November 2014	Variable Variable Variable Variable Variable
Nearest Surface Water Feature Ordnance Survey	November 2023	
Pollution Incidents to Controlled Waters Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances Environment Agency - Anglian Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly

Agency & Hydrological	Version	Update Cycle
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	October 2023 October 2023	Quarterly Quarterly
Water Abstractions Environment Agency - Anglian Region	October 2023	Quarterly
Water Industry Act Referrals Environment Agency - Anglian Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	August 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	August 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	October 2023	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified













Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	July 2023 July 2023	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	January 2023 January 2023	Quarterly Quarterly
Local Authority Landfill Coverage Bedford Borough Council - Environmental Health Department Bedfordshire County Council (now part of Central Bedfordshire Council) East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department Northamptonshire County Council Wellingborough Borough Council (now part of North Northamptonshire Council) North Northamptonshire Council	February 2003 February 2003 February 2003 February 2003 February 2003 February 2003 May 2000	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites North Northamptonshire Council Bedford Borough Council - Environmental Health Department Bedfordshire County Council (now part of Central Bedfordshire Council) East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department Kettering Borough Council (now part of North Northamptonshire Council) - Environmental Health Department Northamptonshire County Council Wellingborough Borough Council (now part of North Northamptonshire Council)	August 2006 October 2018 October 2018 October 2018 October 2018 October 2018 October 2018	
Registered Landfill Sites Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Anglian Region - Central Area Environment Agency - Anglian Region - Northern Area	June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Kettering Borough Council (now part of North Northamptonshire Council) North Northamptonshire Council Wellingborough Borough Council (now part of North Northamptonshire Council) Bedfordshire County Council (now part of Central Bedfordshire Council) East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department Bedford Borough Council Northamptonshire County Council	February 2016 February 2016 February 2016 July 2008 July 2023 March 2023 May 2013	Variable Variable Variable Annual Rolling Update Variable Variable Annual Rolling Update
Planning Hazardous Substance Consents Northamptonshire County Council Bedford Borough Council Kettering Borough Council (now part of North Northamptonshire Council) North Northamptonshire Council Wellingborough Borough Council (now part of North Northamptonshire Council) Bedfordshire County Council (now part of Central Bedfordshire Council) East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department	December 2014 February 2016 February 2016 February 2016 February 2016 July 2008 October 2015	Annual Rolling Update Variable Variable Variable Variable Annual Rolling Update Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2023	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt Bedford Borough Council East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department Kettering Borough Council (now part of North Northamptonshire Council) North Northamptonshire Council Wellingborough Borough Council (now part of North Northamptonshire Council)	August 2023 August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Bedford Borough Council East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department Kettering Borough Council (now part of North Northamptonshire Council) North Northamptonshire Council Wellingborough Borough Council (now part of North Northamptonshire Council)	August 2023 August 2023 August 2023 August 2023 August 2023	Quarterly Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	November 2023	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2023	Bi-Annually
Marine Nature Reserves Natural England	October 2023	Bi-Annually
National Nature Reserves Natural England	August 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 March 2023	Bi-Annually
Ramsar Sites Natural England	October 2023	Bi-Annually
Sites of Special Scientific Interest Natural England	November 2023	Bi-Annually
Special Areas of Conservation Natural England	October 2023	Bi-Annually
Special Protection Areas Natural England	October 2023	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	East Northamptonshire District Council (now part of North Northamptonshire Council) - Environmental Health Department East Northampton House, Cedar Drive, Thrapston, Kettering, Northamptonshire, NN14 4LZ	Telephone: 01832 742061 Fax: 01832 734839 Website: www.east-northamptonshire.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	East Northamptonshire District Council (now part of North Northamptonshire Council) - Community Services - Planning Department East Northampton House, Cedar Drive, Thrapston, Kettering, Northamptonshire, NN14 4LZ	Telephone: 01832 742000 Fax: 01832 000000 Website: www.east-northamptonshire.gov.uk
7	Northamptonshire County Council County Hall, Northampton, Northamptonshire, NN1 1DN	Telephone: 0300 126 1000 Website: www.northamptonshire.gov.uk
8	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.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.

3.4 Risk assessment methodology

The method of risk evaluation adopted in this document is consistent with CIRIA C552 (2001). Hence, risk is considered to be a function of both the probability (likelihood) of contamination occurring at the study site and also the potential severity (consequence) of the environmental impacts associated with this contamination.

The classification system used to define contaminant probability, consequence and risk is described in the following tables.

Table A: Classification of probability

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

Table B: Classification of consequence

Classification	Receptor	Definition	Examples
Severe	Humans	Short-term (acute) risk to human health likely to result in "significant harm" as defined in the CTL Statutory Guidance	High concentrations of cyanide on the surface of an informal recreation area
	Controlled waters	Short-term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource	Major spillage of contaminants from site into controlled water
	Property	Catastrophic damage to buildings/property	Explosion, causing building collapse (can also equate to an acute human health risk if buildings are occupied)
	Ecology	A short-term risk to a particular ecosystem, or organism forming part of such eco-system	Potentially long term derogation of a designated site or protected species
Medium	Humans	Chronic damage to human health ("significant harm" as defined in the CTL Statutory Guidance)	Concentrations of a contaminant from a residential site exceed the site-specific assessment criteria
	Controlled waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution)	Leaching of contaminants from a site to a principal or secondary aquifer
	Property	Significant damage to crops, buildings, structures and services	Damage to building rendering it unsafe to occupy (e.g. foundation damage resulting in instability)
	Ecology	A significant change in a particular ecosystem	Death of a species within a designated nature reserve

Table B: Classification of consequence (continued)

Classification	Receptor	Definition	Examples
Mild	Humans	Contamination present although unlikely to constitute a significant chronic health risk	Concentrations of a contaminant from a public access site moderately exceed the generic assessment criteria
	Controlled waters	Pollution of non-water resources	Pollution of non-classified groundwater
	Property	Damage to sensitive buildings/structures/services	Aggressive ground conditions leading to potential for long term degradation of buried concrete
	Ecology	Damage to the environment	Localised damage to aquatic habitat causing temporary relocation of certain species
Minor	Humans	Non-permanent health effects to human health (easily prevented by means such as a personal protective clothing, etc.)	The presence of contaminants at such concentrations that protective equipment is required during site works
	Controlled waters	Potential minor release of contamination to local water features	Short term or low volume release of potentially polluting material to a secondary surface water course of low existing quality
	Property	Easily reparable effects of damage to buildings, structures and services. Harm which may result in a financial loss, or expenditure to resolve	The loss of plants in a landscaping scheme. Discolouration of concrete
	Ecology	Short term, localised damage may occur; consequences are spatially and temporally limited	Short term or localised disruption to in situ flora or fauna; no lasting effects

Table C: Risk classification (comparison of consequence and probability)

		Consequence (severity)			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Risk Key

Very High	High	Moderate	Moderate/Low	Low	Very Low
There is a high probability that severe harm could arise to a designated receptor from an identified hazard without appropriate remediation action	Harm is likely to arise to a designated receptor from an identified hazard at the site without appropriate remediation action	It is possible that without appropriate remediation action harm could arise to a designated receptor. It is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that such harm would be relatively mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely any harm would be mild	It is possible that harm could arise to a designated receptor from an identified hazard. It is likely that, at worst if any harm was realised any effects would be mild	The presence of an identified hazard does not give rise to the potential to cause harm to a receptor

3.5 Historical land use maps

Historical Ordnance Survey maps relating to the site and its surrounding area have been provided by Landmark.

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		Bench Mark
	Site of Antiquities		Well, Spring, Boundary Post		
	Pump, Guide Post, Signal Post				
	-285 Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		Heath
	Rough Grassland		Marsh
	Reeds		Saltings
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

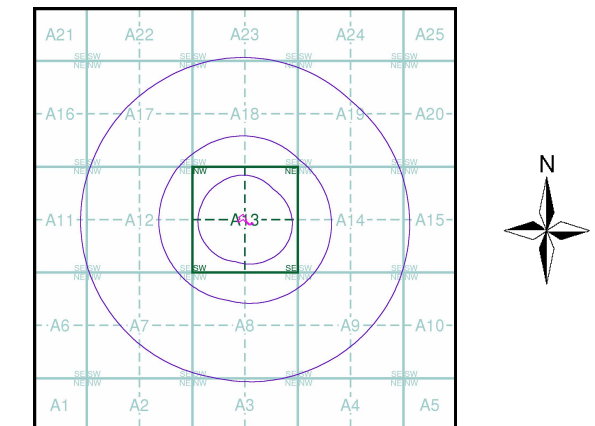
1:10,000 Raster Mapping

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

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northamptonshire	1:10,560	1884 - 1886	2
Northamptonshire	1:10,560	1901	3
Northamptonshire	1:10,560	1927	4
Northamptonshire	1:10,560	1938	5
Northamptonshire	1:10,560	1951 - 1952	6
Ordnance Survey Plan	1:10,000	1958 - 1959	7
Ordnance Survey Plan	1:10,000	1974 - 1977	8
Ordnance Survey Plan	1:10,000	1980 - 1989	9
Ordnance Survey Plan	1:10,000	1989	10
Ordnance Survey Plan	1:10,000	1991 - 1995	11
10K Raster Mapping	1:10,000	1999	12
Street View	Variable		13

Historical Map - Slice A



Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE

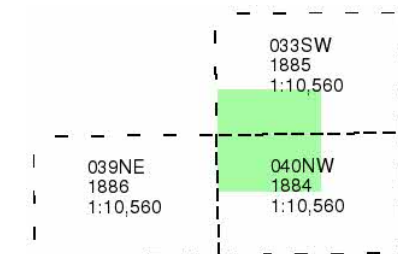
Northamptonshire

Published 1884 - 1886

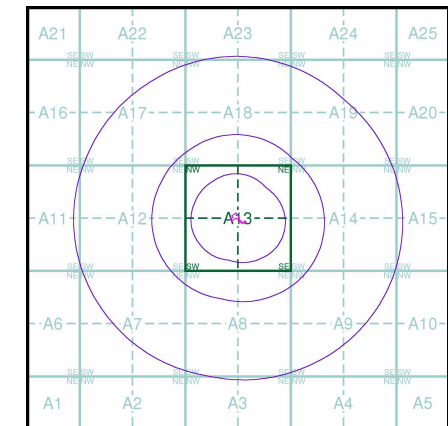
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

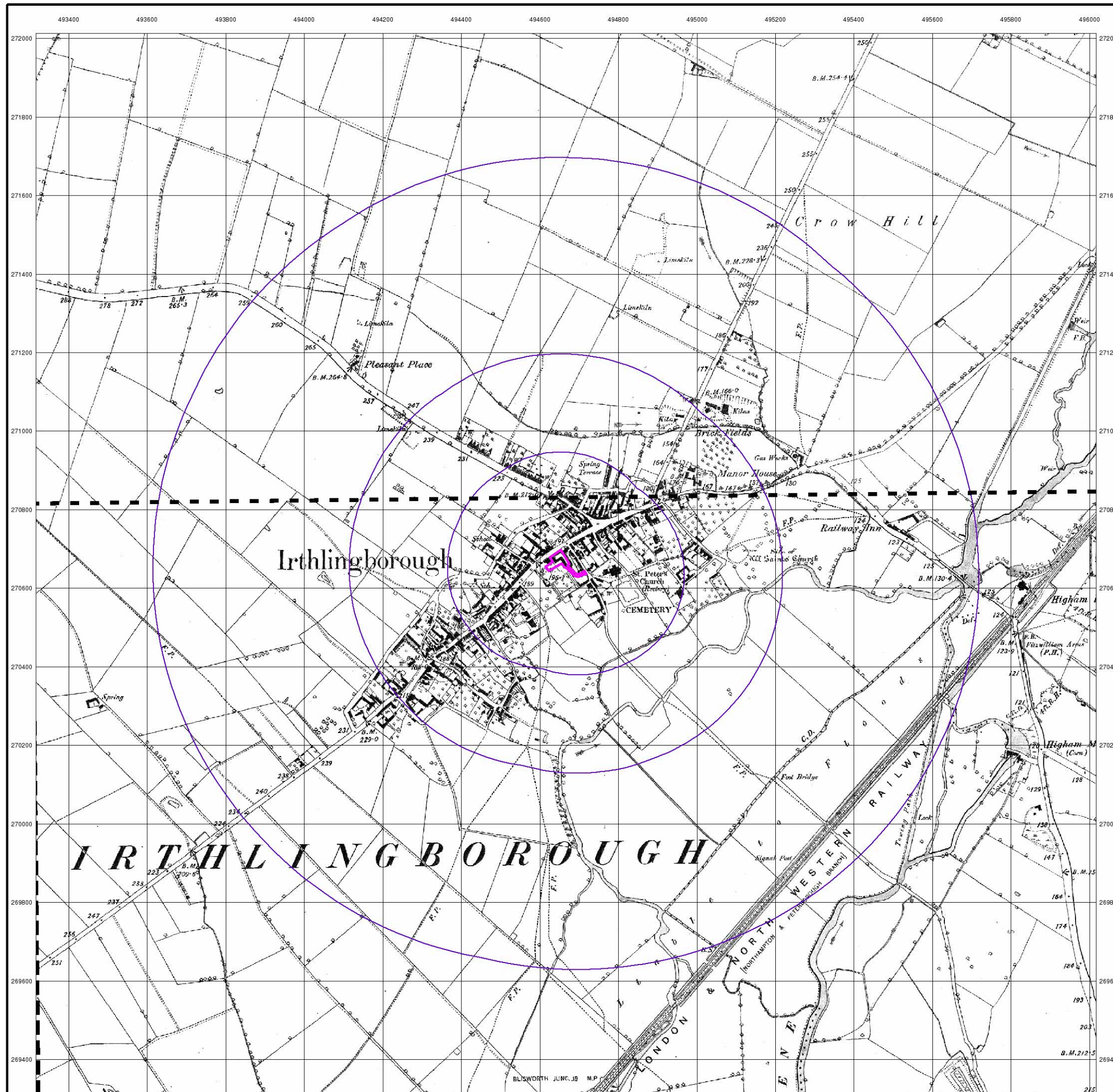


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



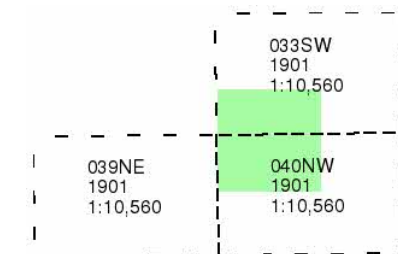
Northamptonshire

Published 1901

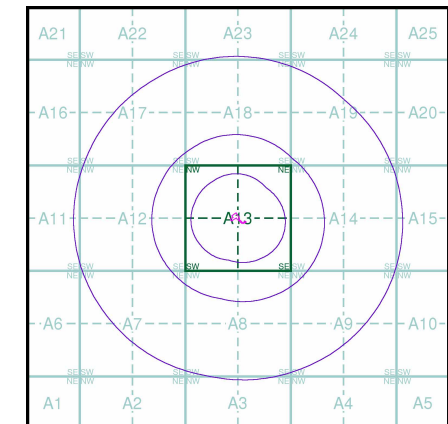
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

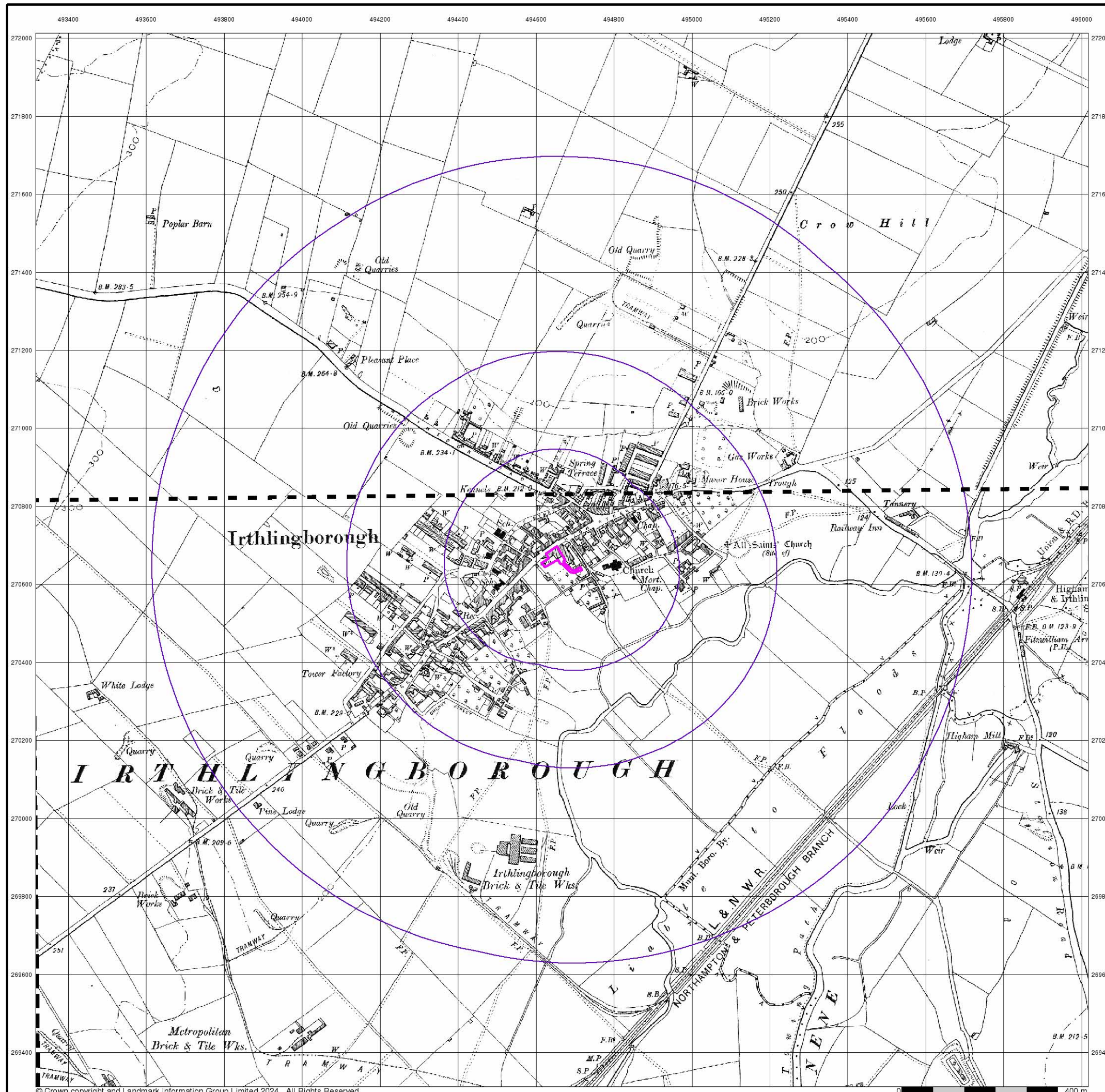


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



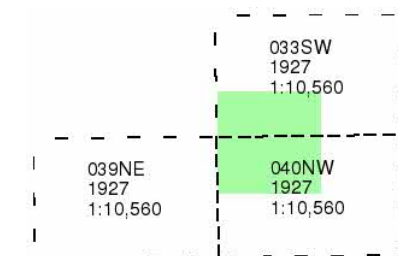
Northamptonshire

Published 1927

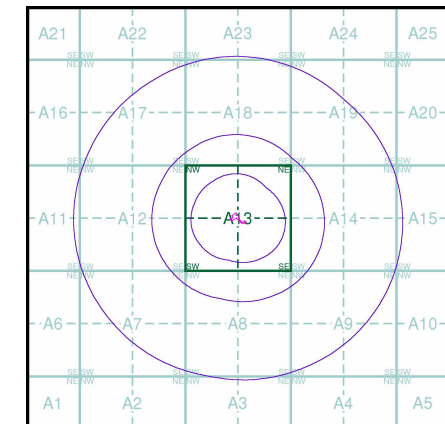
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

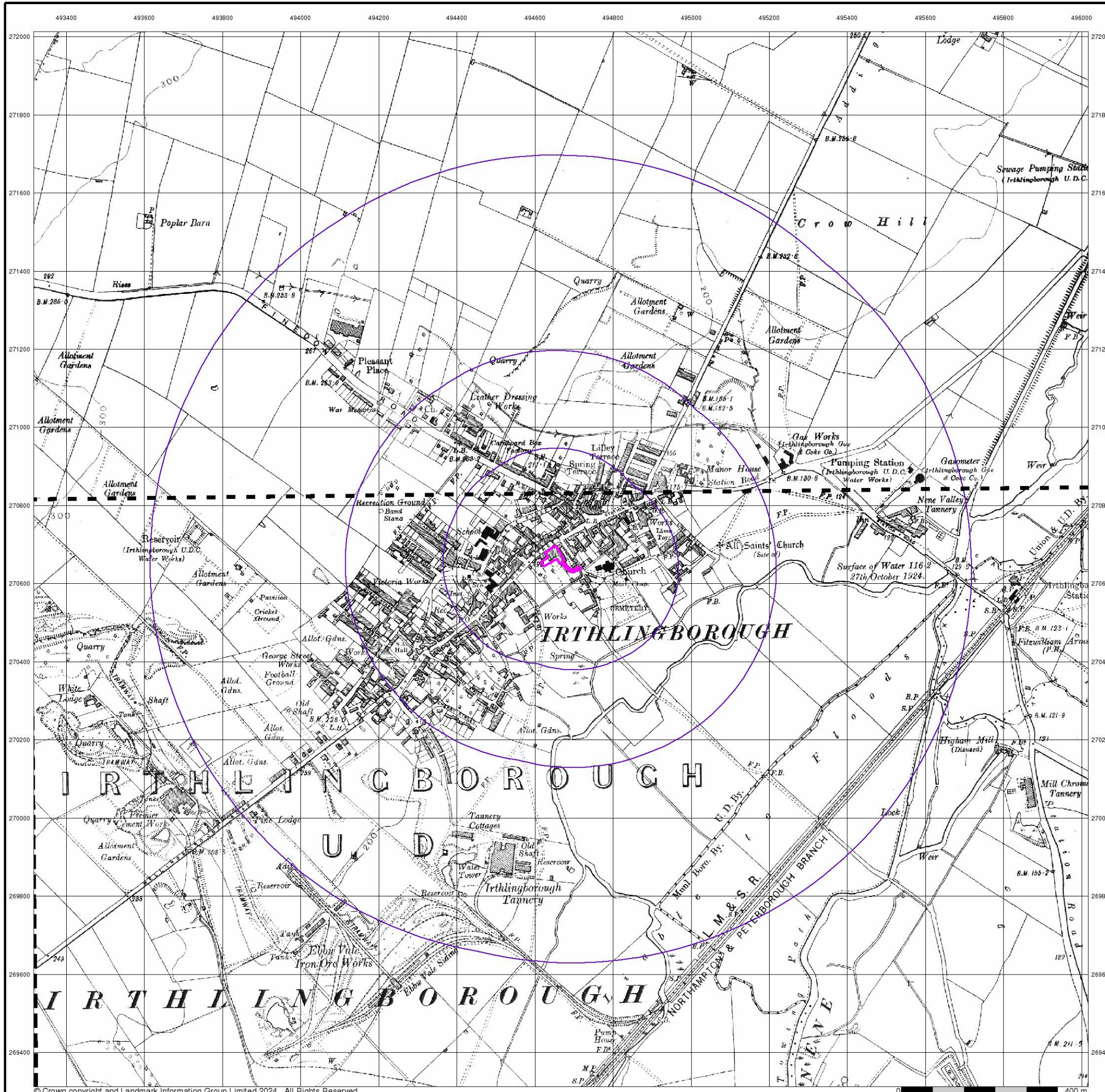


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



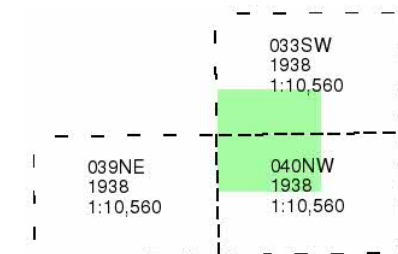
Northamptonshire

Published 1938

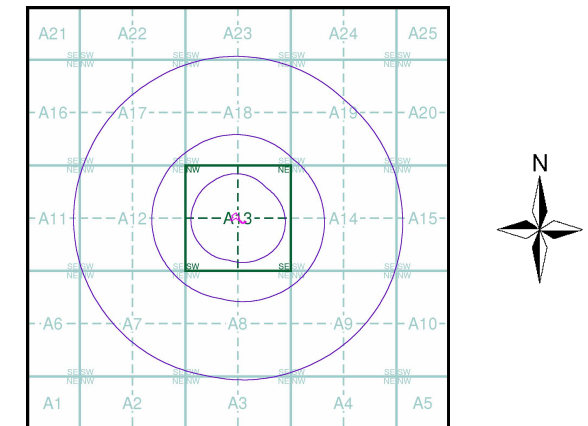
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A

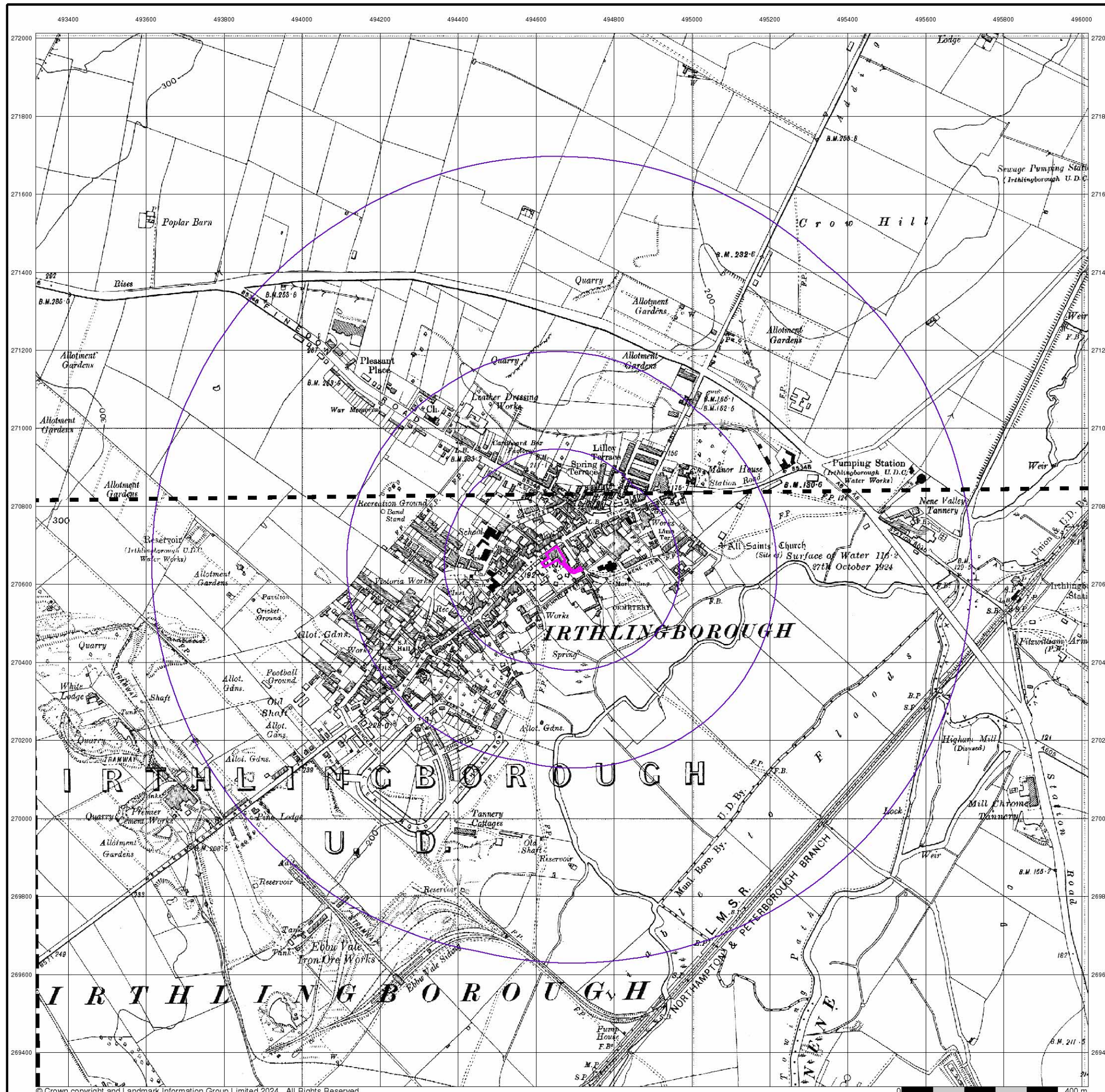


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Northamptonshire

Published 1951 - 1952

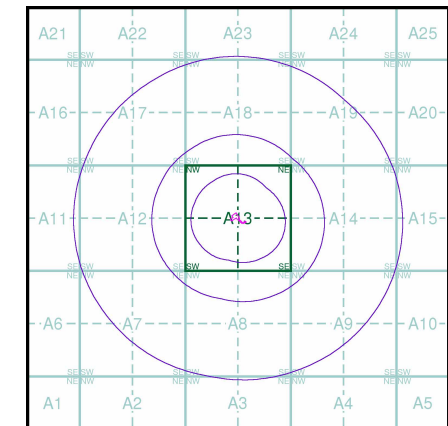
Source map scale - 1:10,560

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)

039NE 1952 1:10,560	040NW 1951 1:10,560
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Historical Map - Slice A

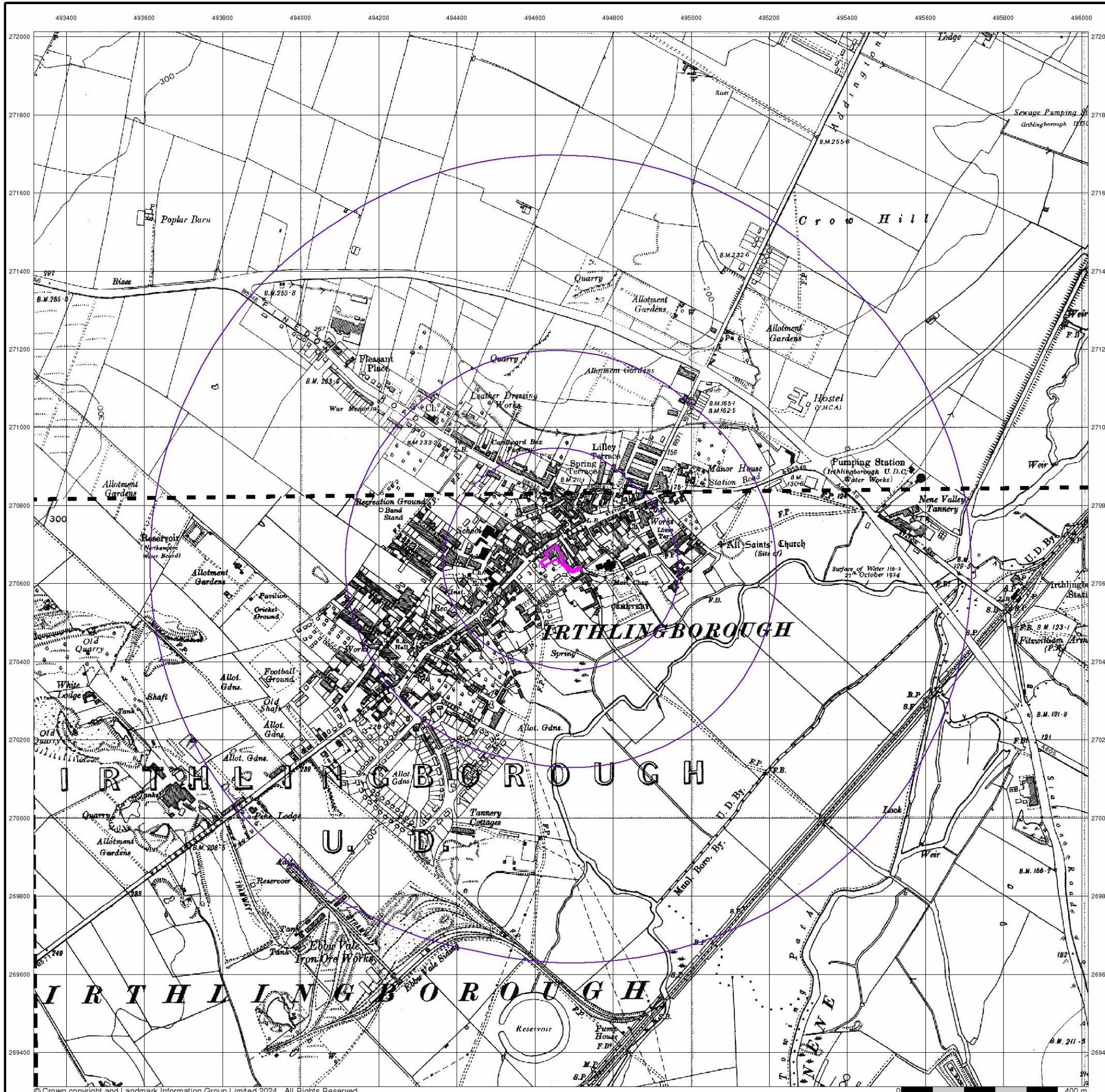


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Ordnance Survey Plan

Published 1958 - 1959

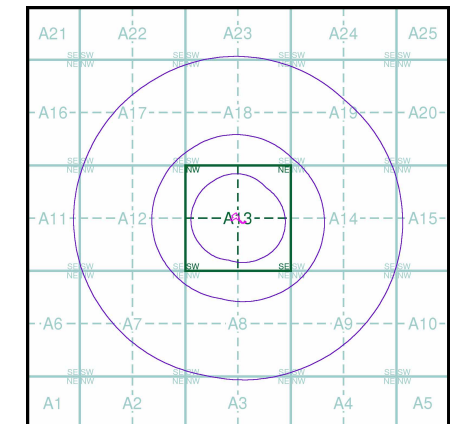
Source map scale - 1:10,000

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)

SP97SW	SP97SE
1958	1958
1:10,560	1:10,560
SP96NW	SP96NE
1959	1959
1:10,560	1:10,560

Historical Map - Slice A

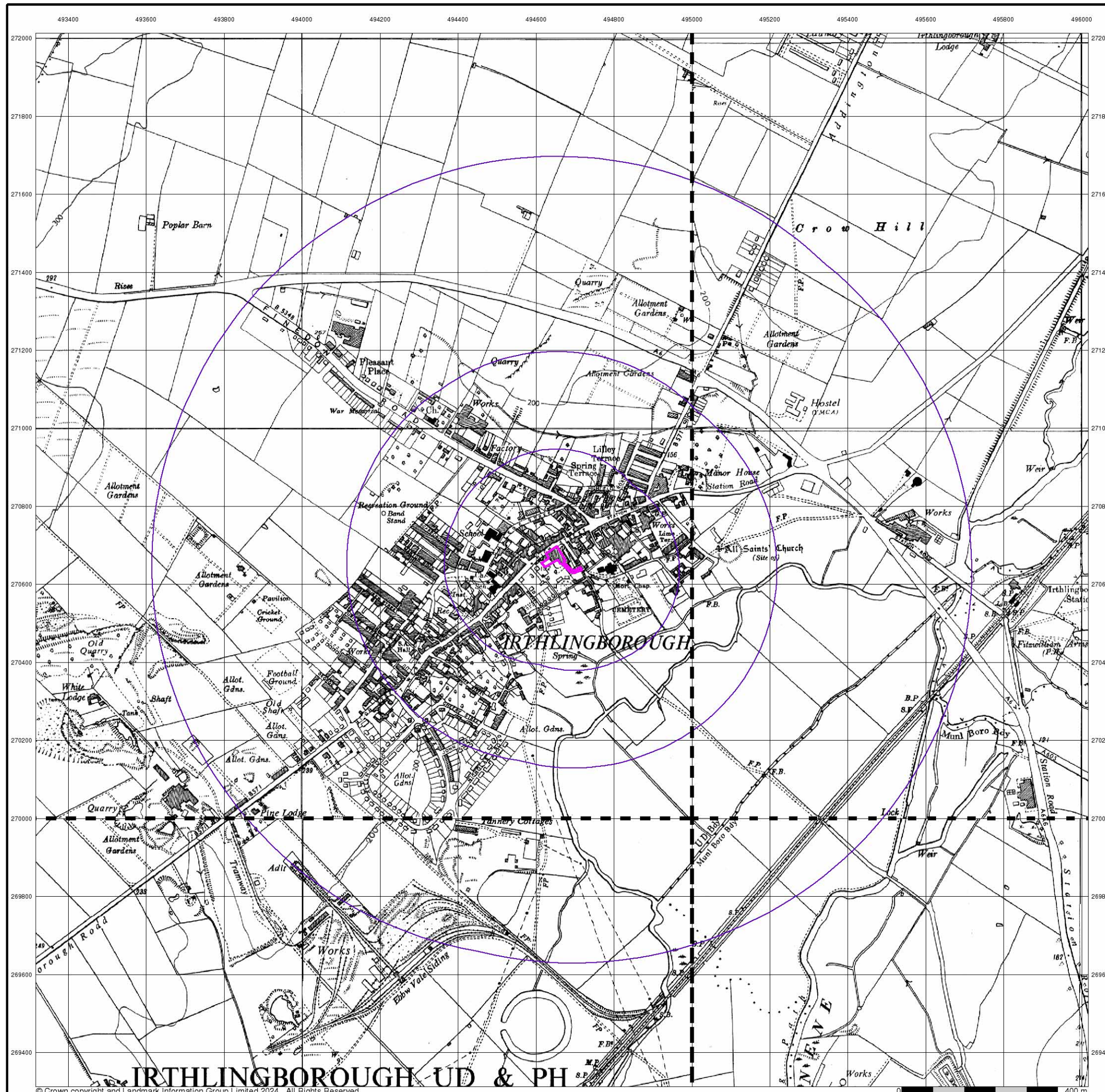


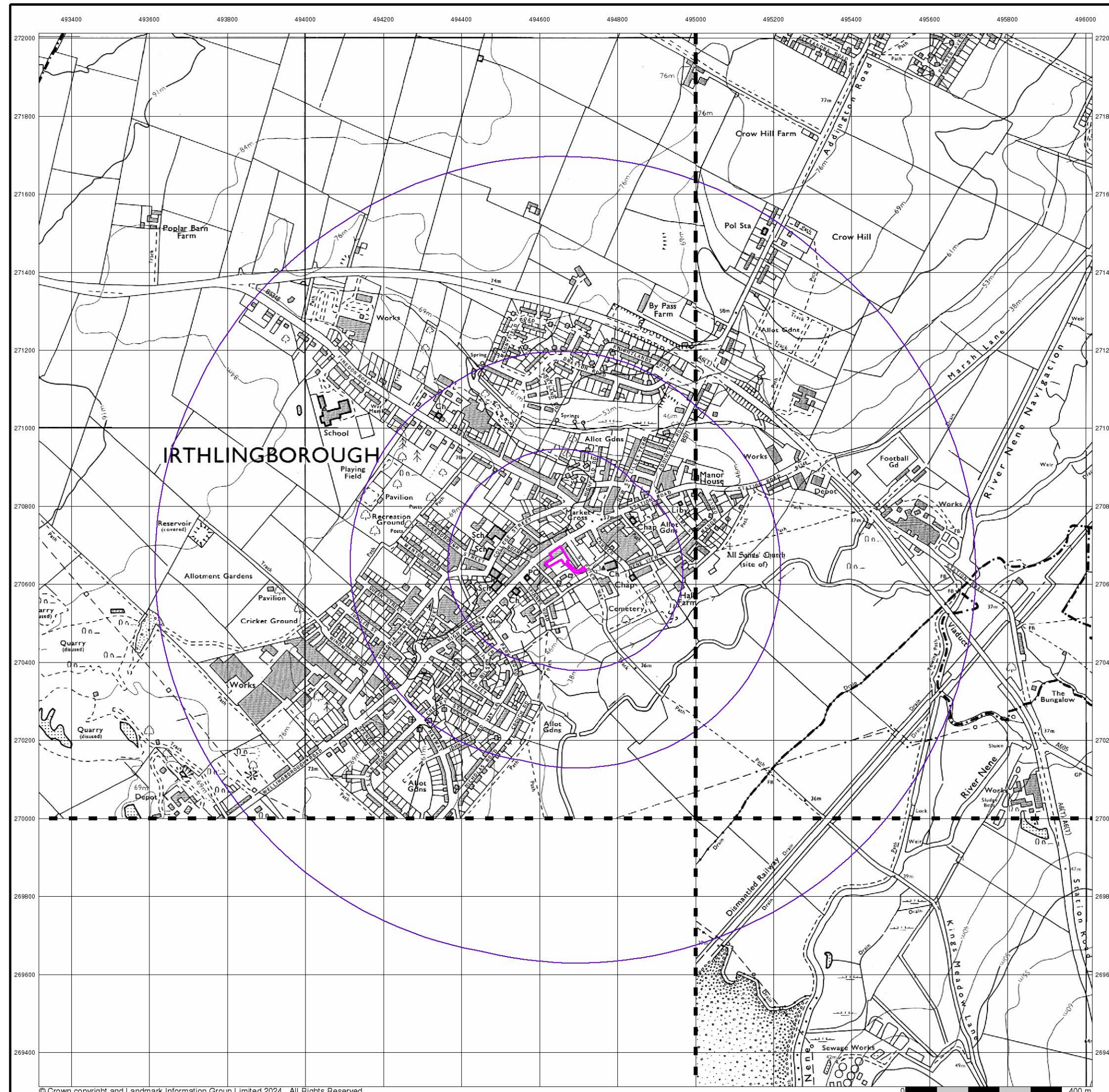
Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE





Ordnance Survey Plan

Published 1974 - 1977

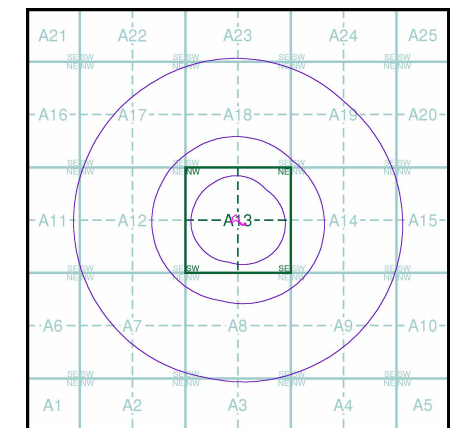
Source map scale - 1:10,000

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)

SP97SW	SP97SE
1974	1974
1:10,000	1:10,000
■	
SP96NE	
1977	
1:10,000	

Historical Map - Slice A

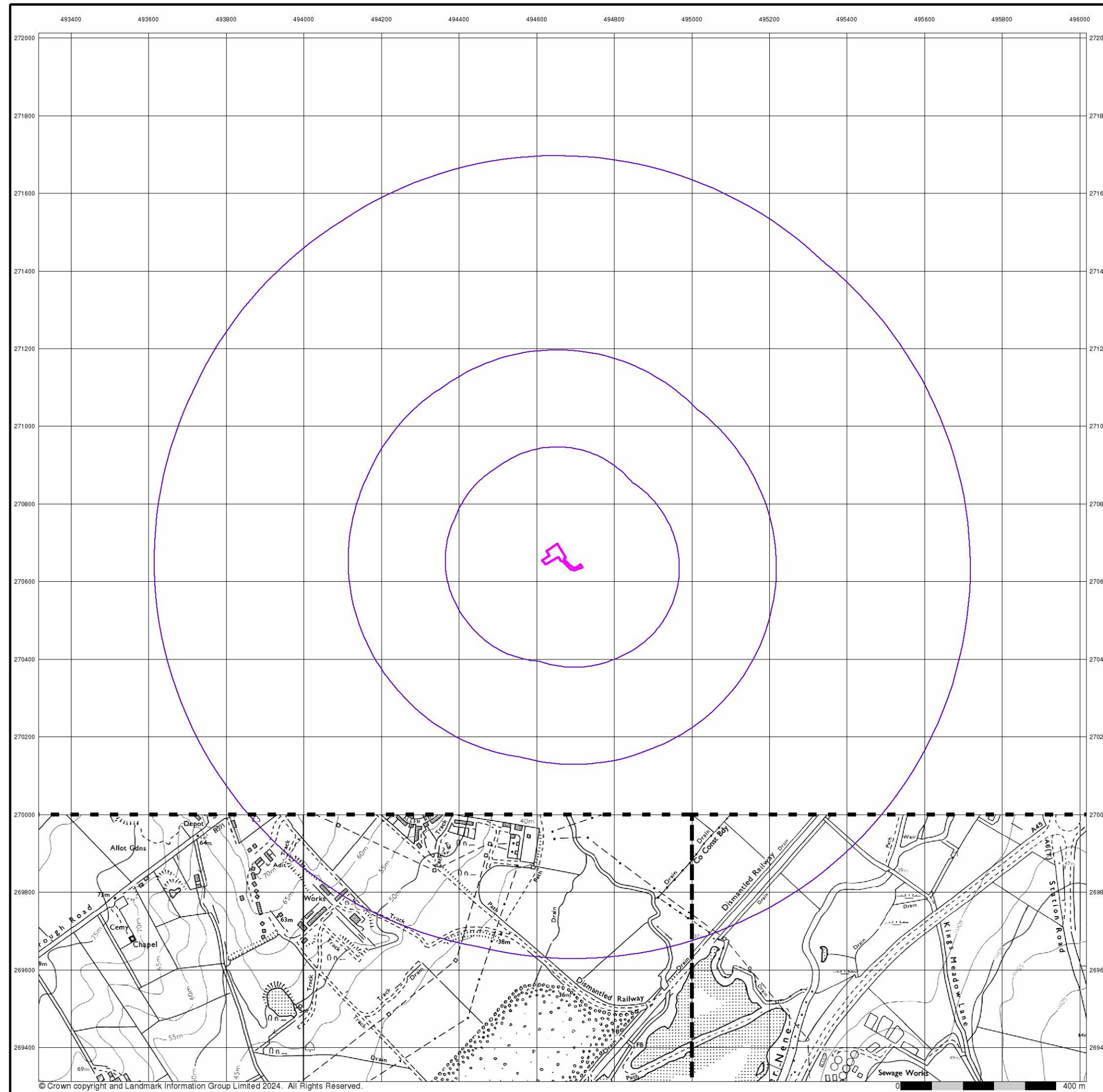


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRLINGBOROUGH, NN9 5TE



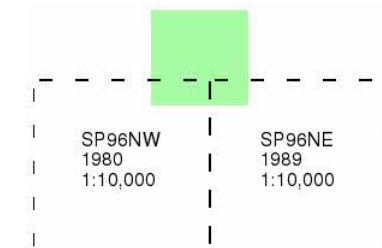
Ordnance Survey Plan

Published 1980 - 1989

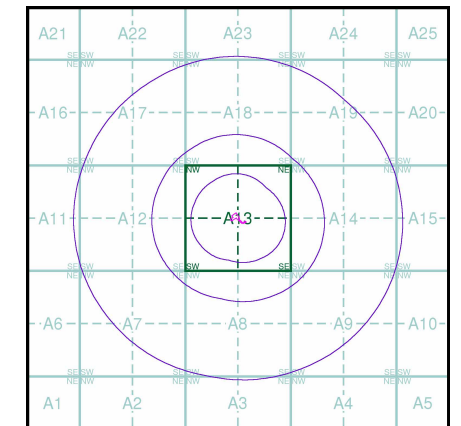
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

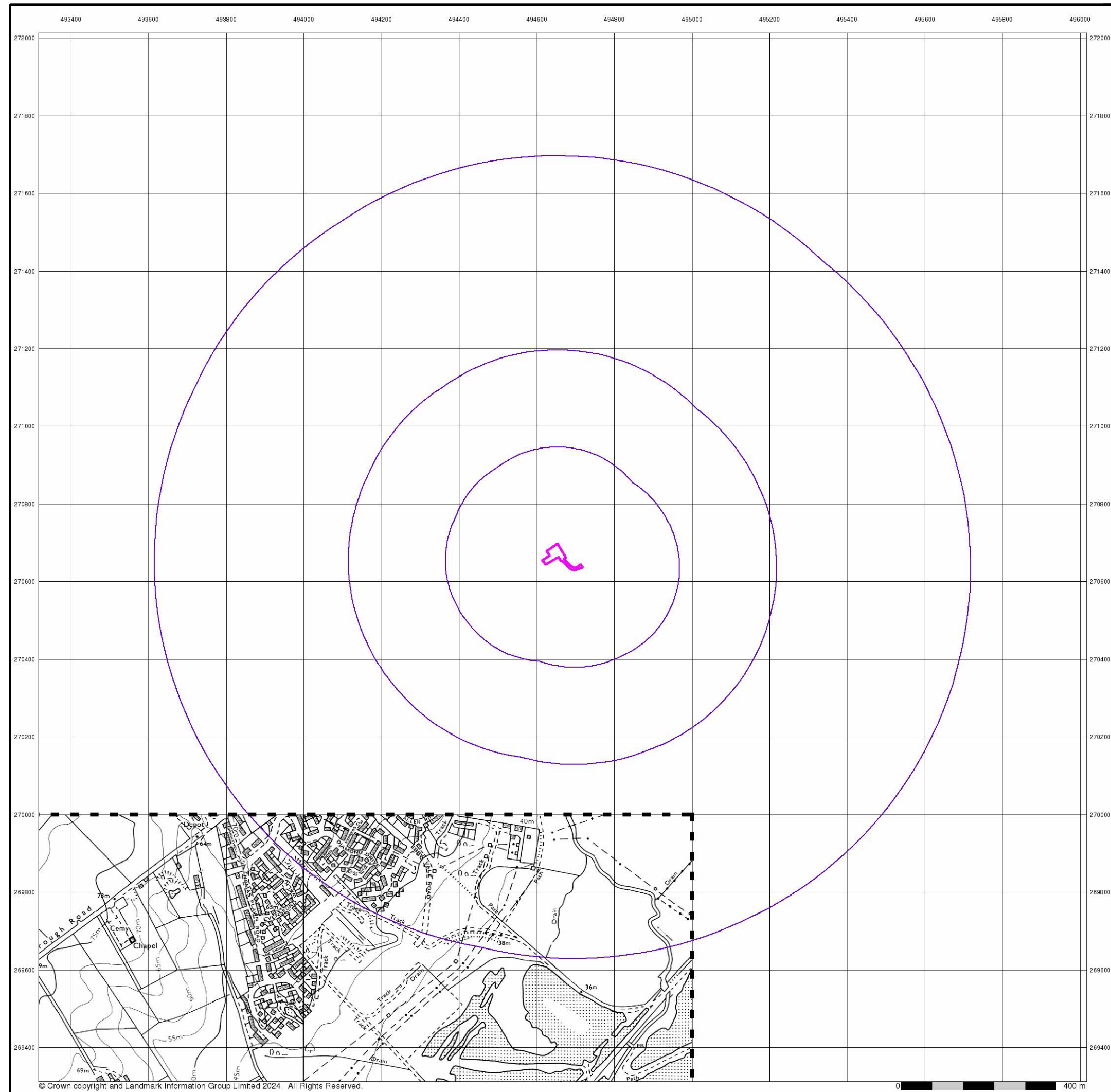


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

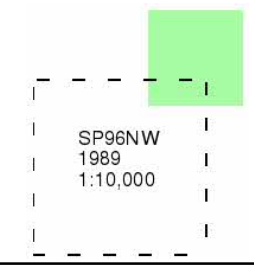
Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



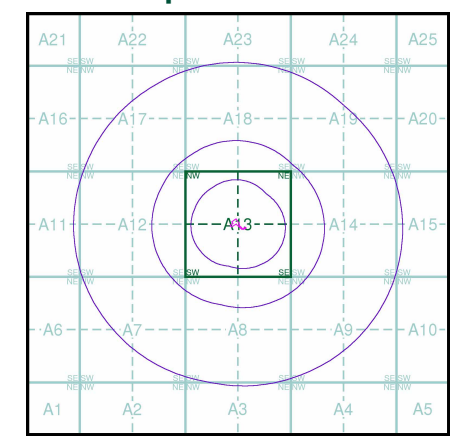
Ordnance Survey Plan
Published 1989
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



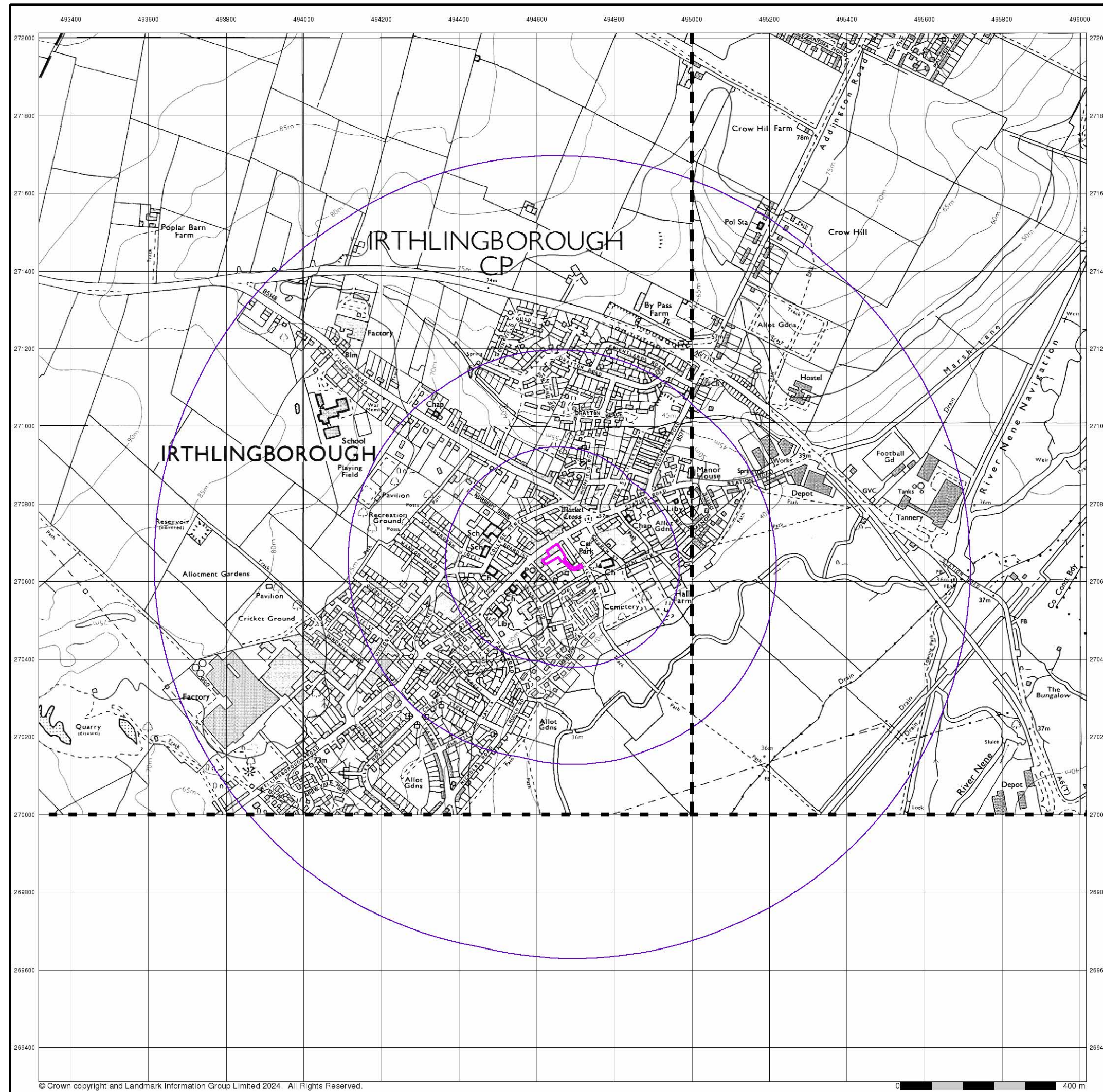
Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE

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Ordnance Survey Plan

Published 1991 - 1995

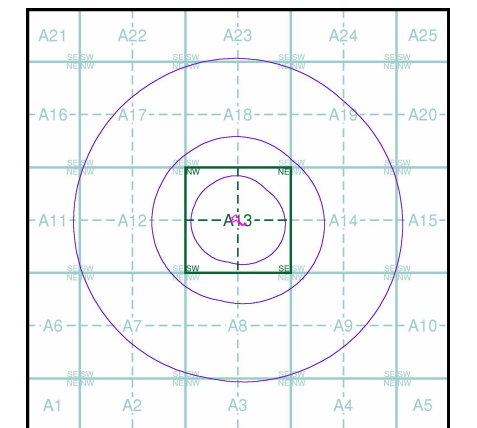
Source map scale - 1:10,000

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)

SP97SW 1995 1:10,000	SP97SE 1991 1:10,000
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Historical Map - Slice A

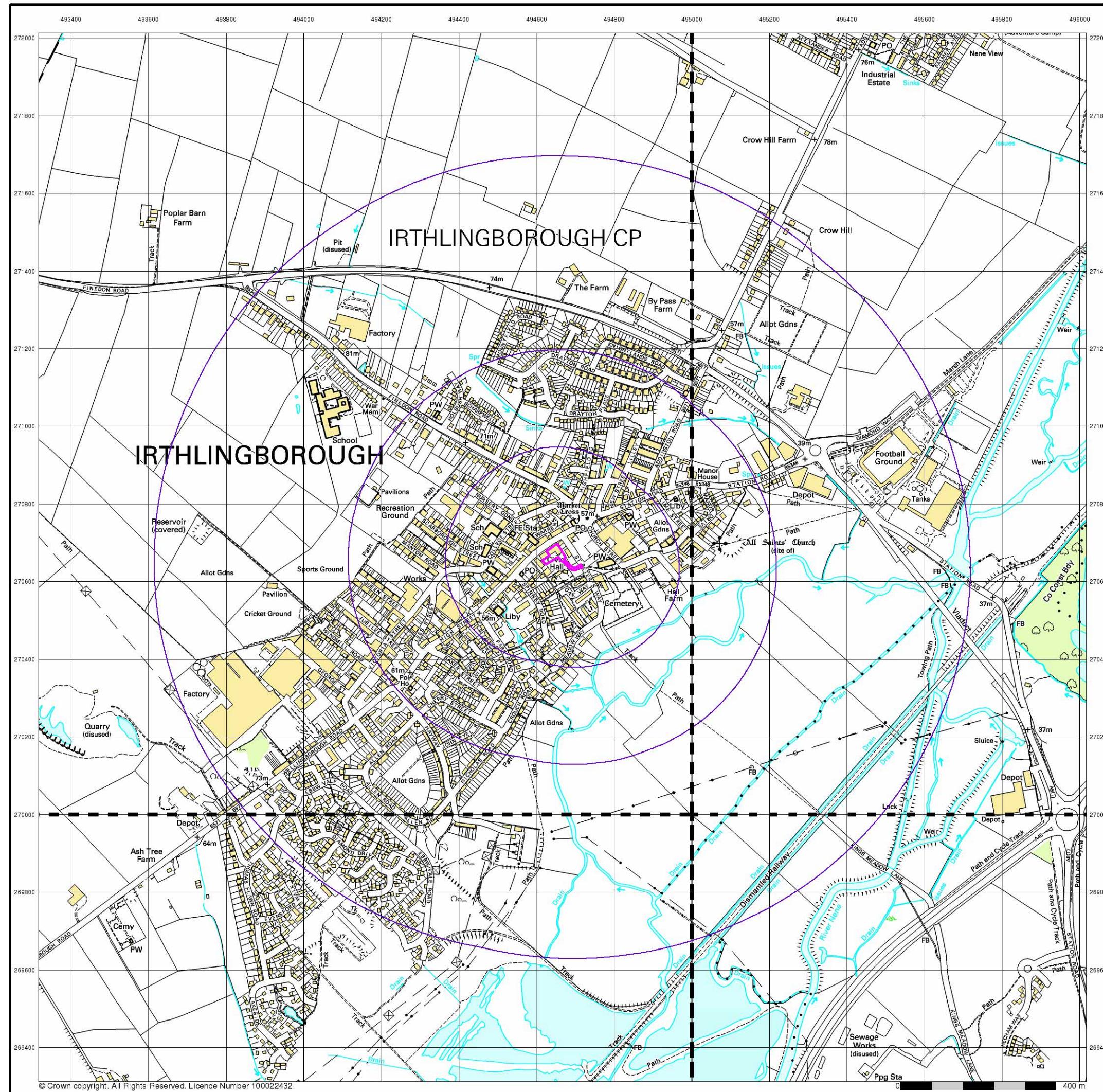


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



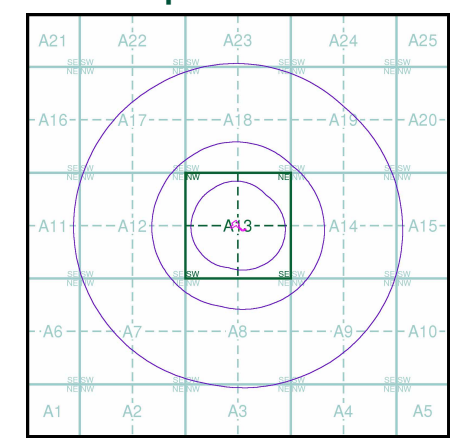
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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)

SP97SW	SP97SE
1999	1999
1:10,000	1:10,000
SP96NW	SP96NE
1999	1999
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE

Street View

Published 2024

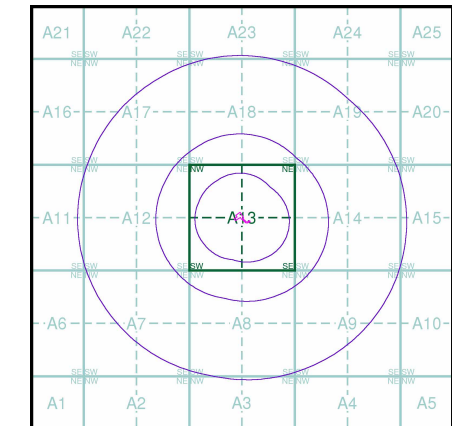
Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)



Street View Map - Slice A

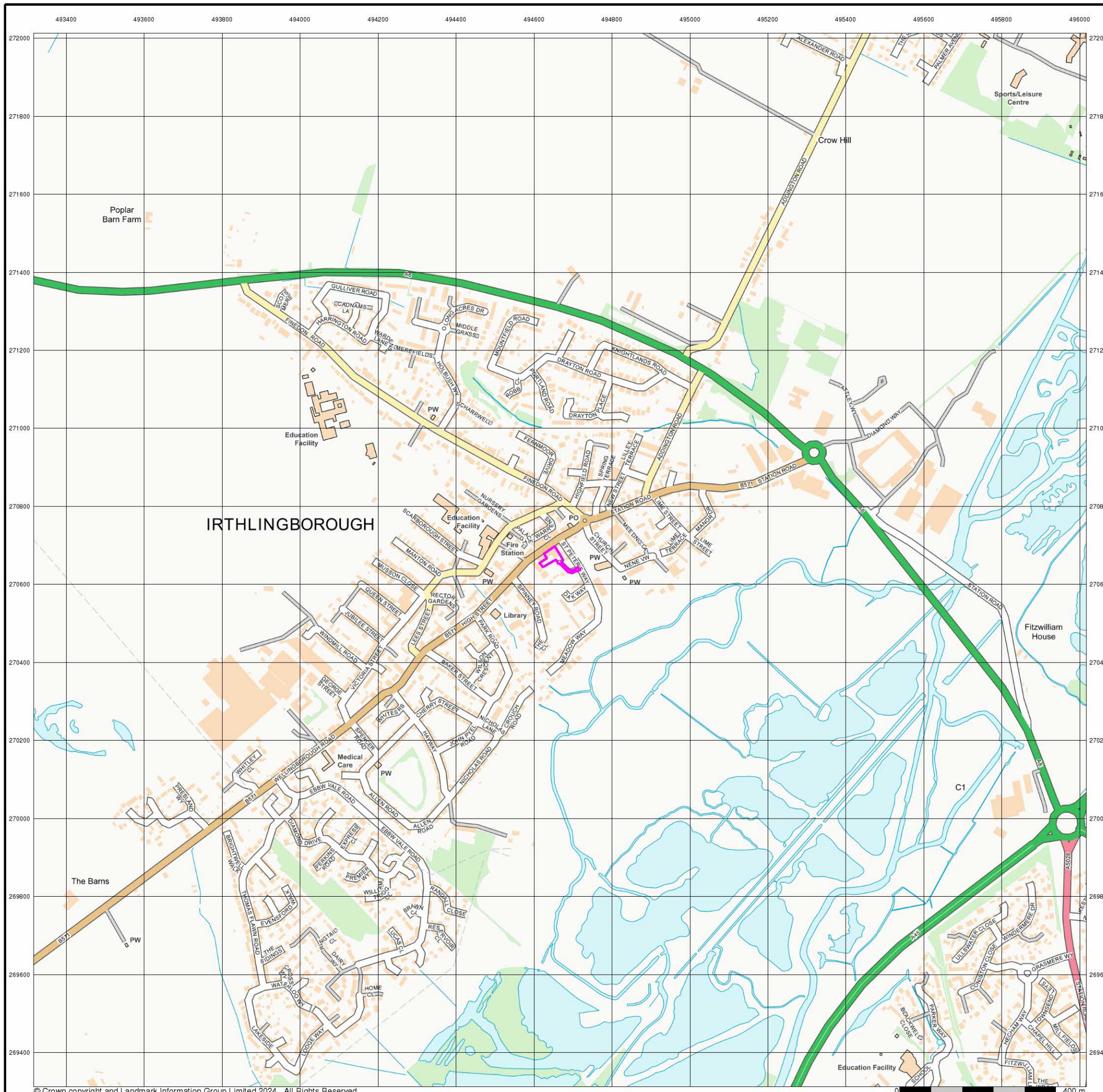


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 1000

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Historical Mapping Legends

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

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

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

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
Roofed Building **Glazed Roof Building**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

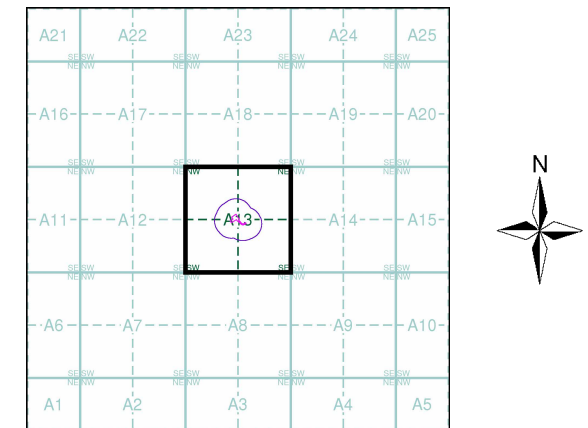
Large-Scale National Grid Data 1:2,500 and 1:1,250

Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m **Bench Mark** **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Northamptonshire	1:2,500	1885 - 1886	2
Northamptonshire	1:2,500	1900	3
Northamptonshire	1:2,500	1926	4
Ordnance Survey Plan	1:1,250	1964	5
Ordnance Survey Plan	1:2,500	1965 - 1972	6
Ordnance Survey Plan	1:1,250	1968 - 1976	7
Additional SIMs	1:1,250	1986 - 1990	8
Additional SIMs	1:1,250	1990	9
Large-Scale National Grid Data	1:1,250	1993	10
Large-Scale National Grid Data	1:1,250	1995	11
Large-Scale National Grid Data	1:1,250	1996	12

Historical Map - Segment A13



Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 100

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE

Northamptonshire

Published 1885 - 1886

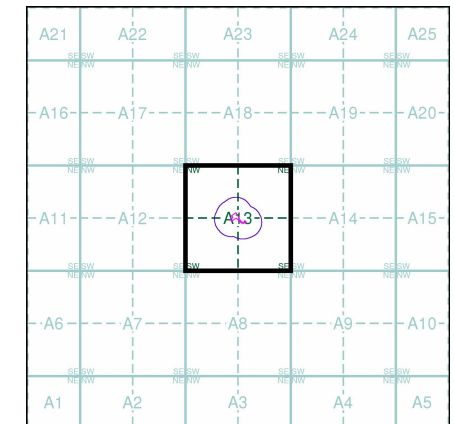
Source map scale - 1:2,500

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)

033_13	1885	1:2,500
040_01	1886	1:2,500

Historical Map - Segment A13

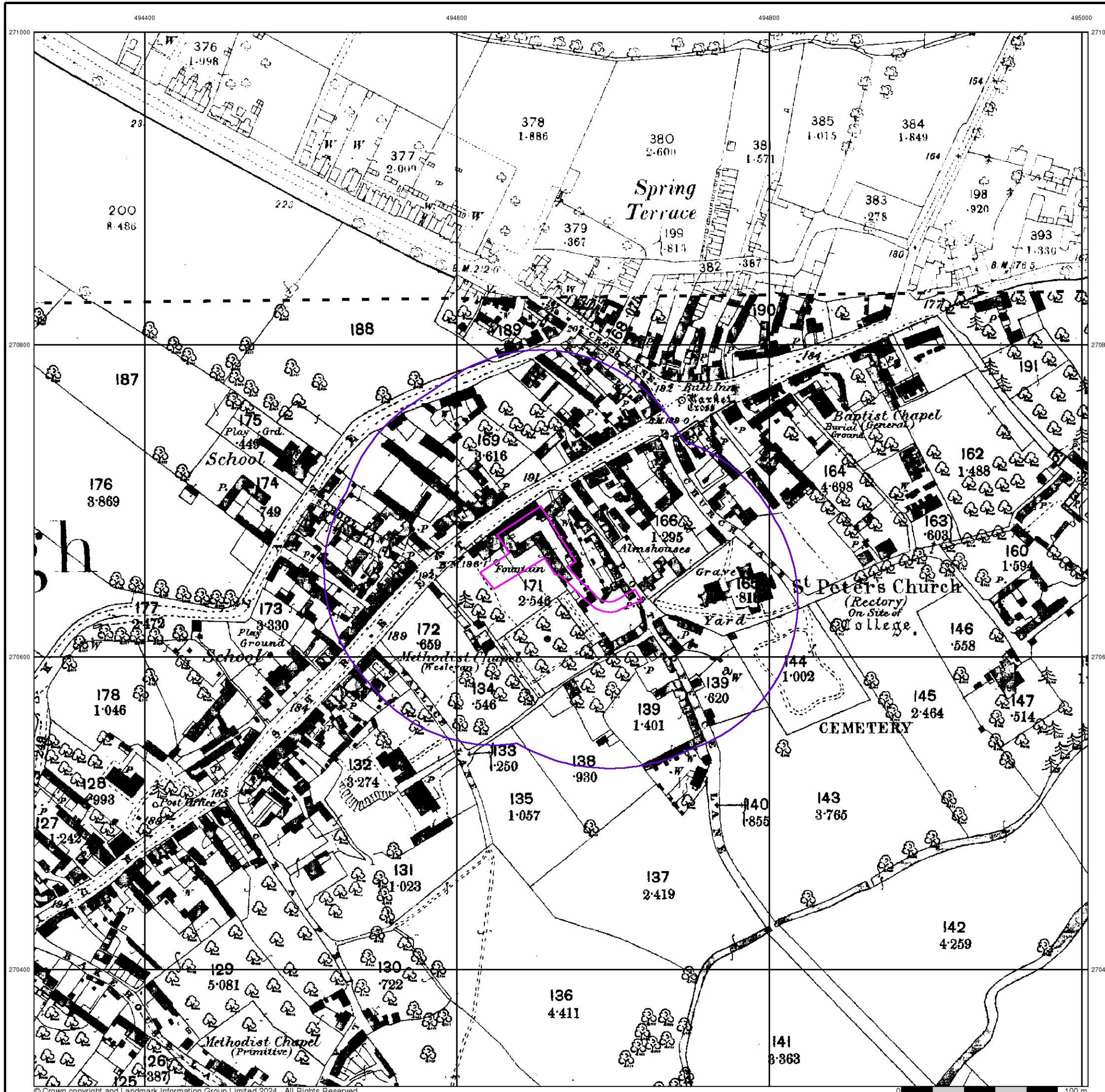


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 100

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Northamptonshire

Published 1900

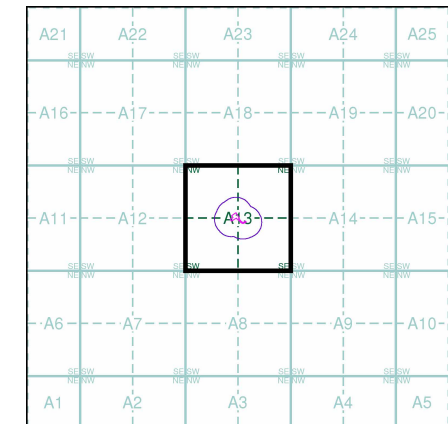
Source map scale - 1:2,500

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)

033_13
1900
1:2,500
040_01
1900
1:2,500

Historical Map - Segment A13

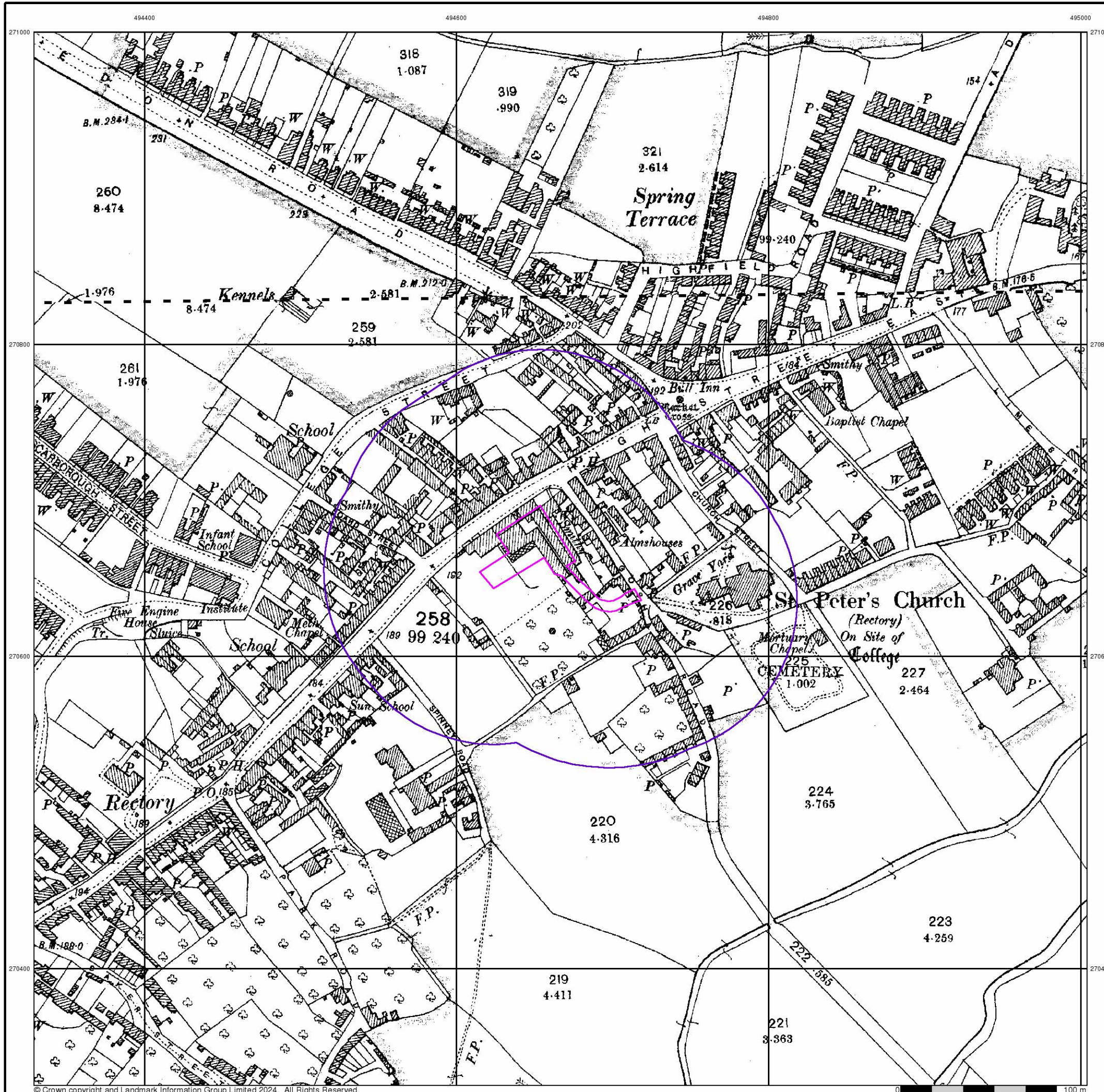


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
 National Grid Reference: 494670, 270660
 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 100

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Northamptonshire

Published 1926

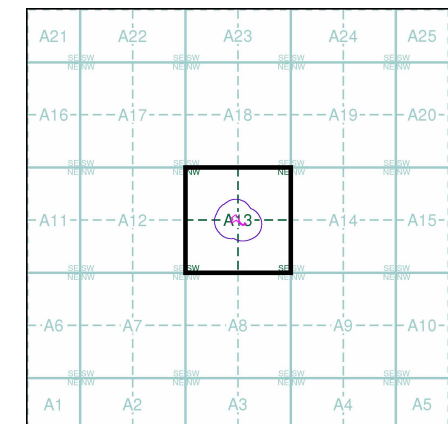
Source map scale - 1:2,500

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)

033_13
1926
1:2,500
040_01
1926
1:2,500

Historical Map - Segment A13

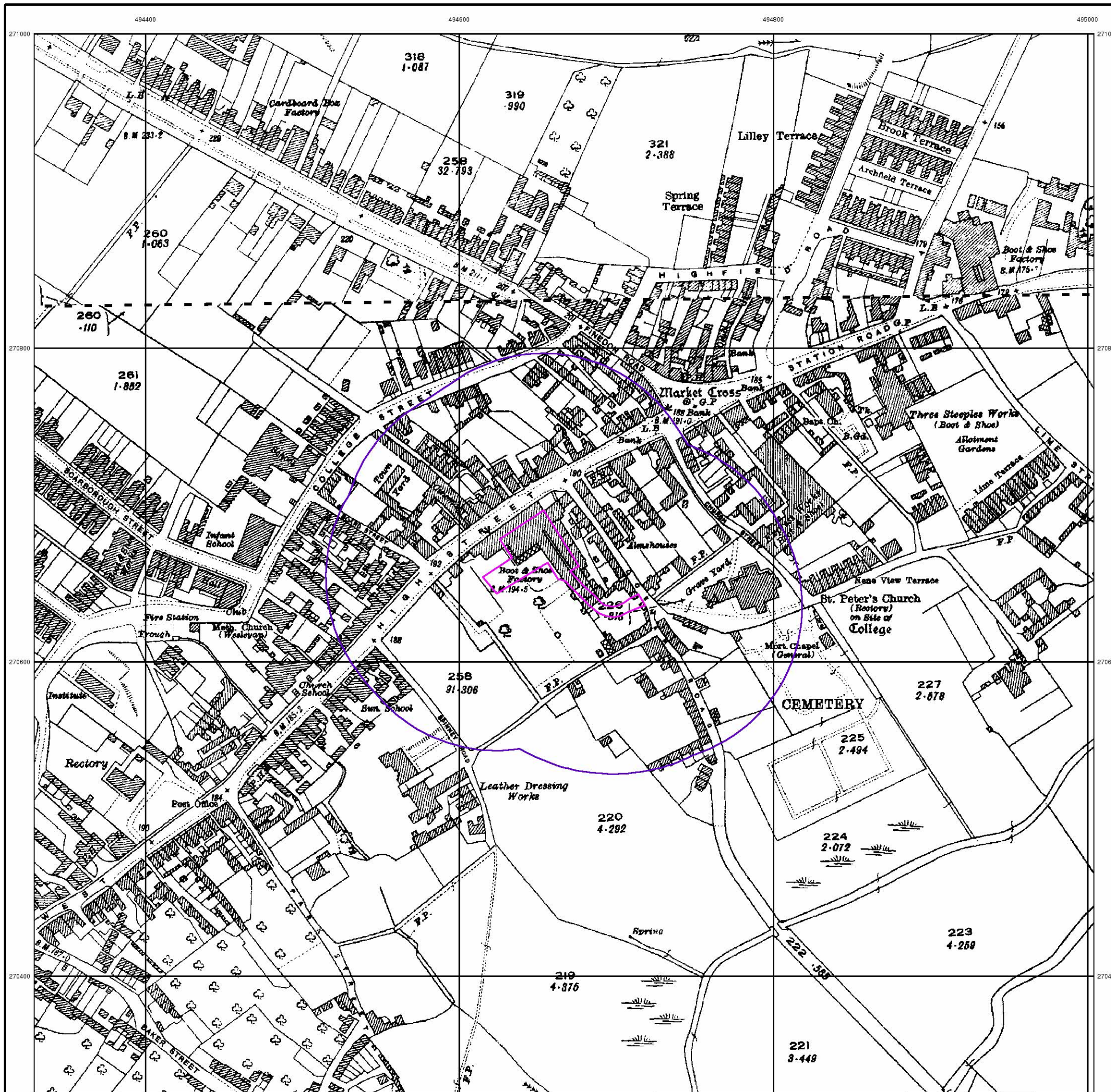


Order Details

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Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Ordnance Survey Plan

Published 1964

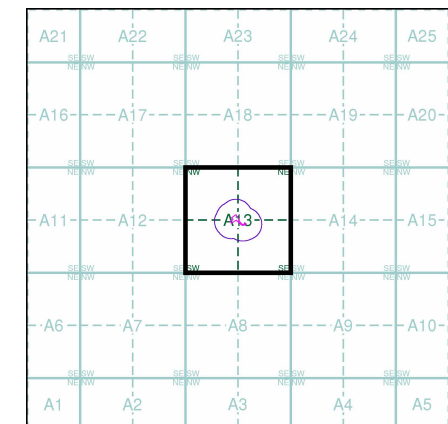
Source map scale - 1:1,250

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)

SP9471SW	SP9471SE	SP9571SW
1964	1964	1964
1:1,250	1:1,250	1:1,250
SP9470NW	SP9470NE	SP9570NW
1964	1964	1964
1:1,250	1:1,250	1:1,250
SP9470SW	SP9470SE	SP9570SW
1964	1964	1964
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13

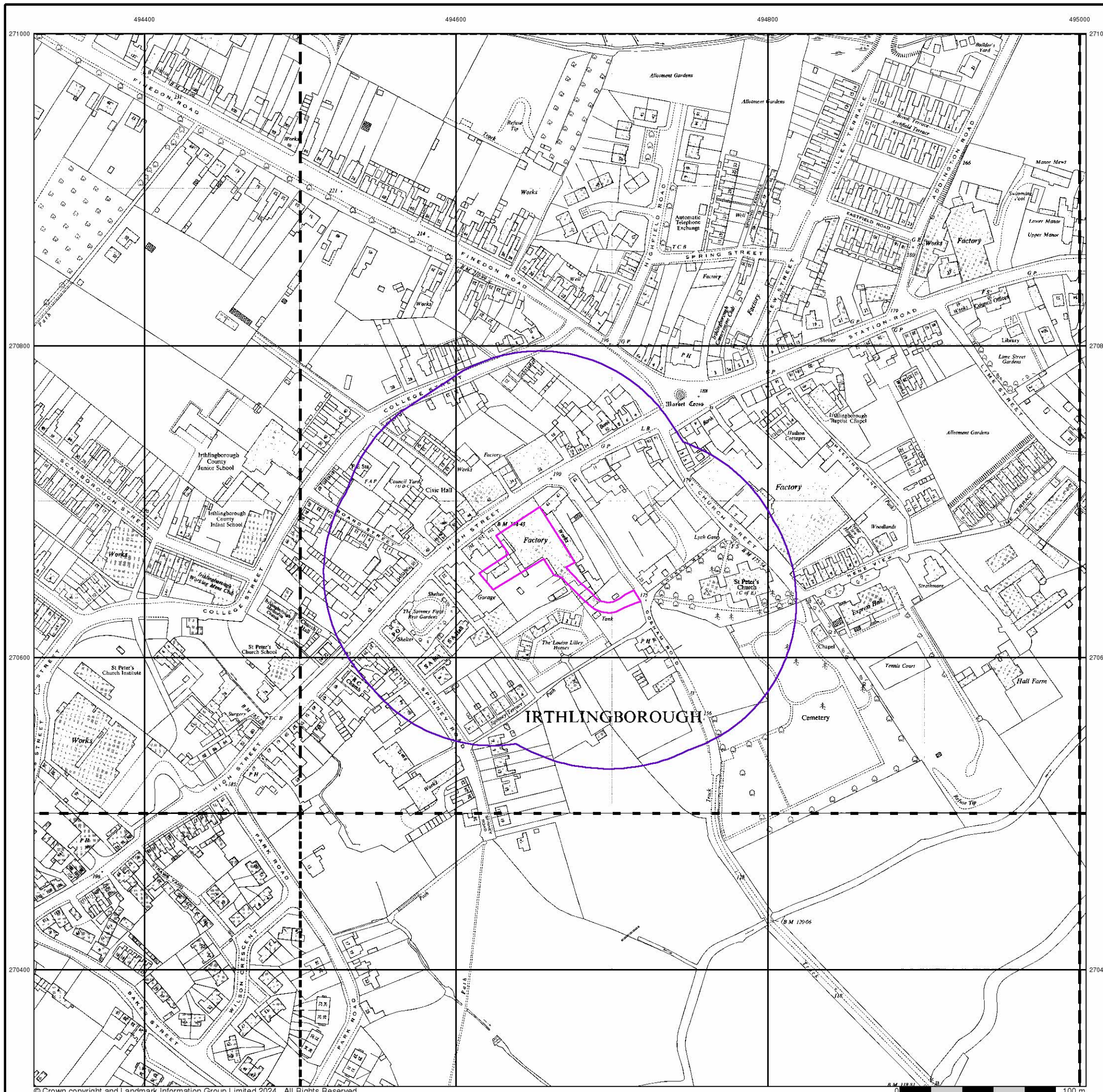


Order Details

Order Number: 329810202_1_1
 Customer Ref: 81207
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 Slice: A
 Site Area (Ha): 0.19
 Search Buffer (m): 100

Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Ordnance Survey Plan

Published 1965 - 1972

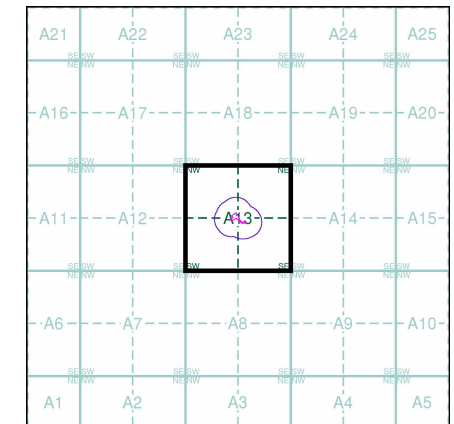
Source map scale - 1:2,500

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)

SP9471 1972 12,500	SP9571 1972 12,500
SP9470 1965 12,500	SP9570 1965 12,500

Historical Map - Segment A13

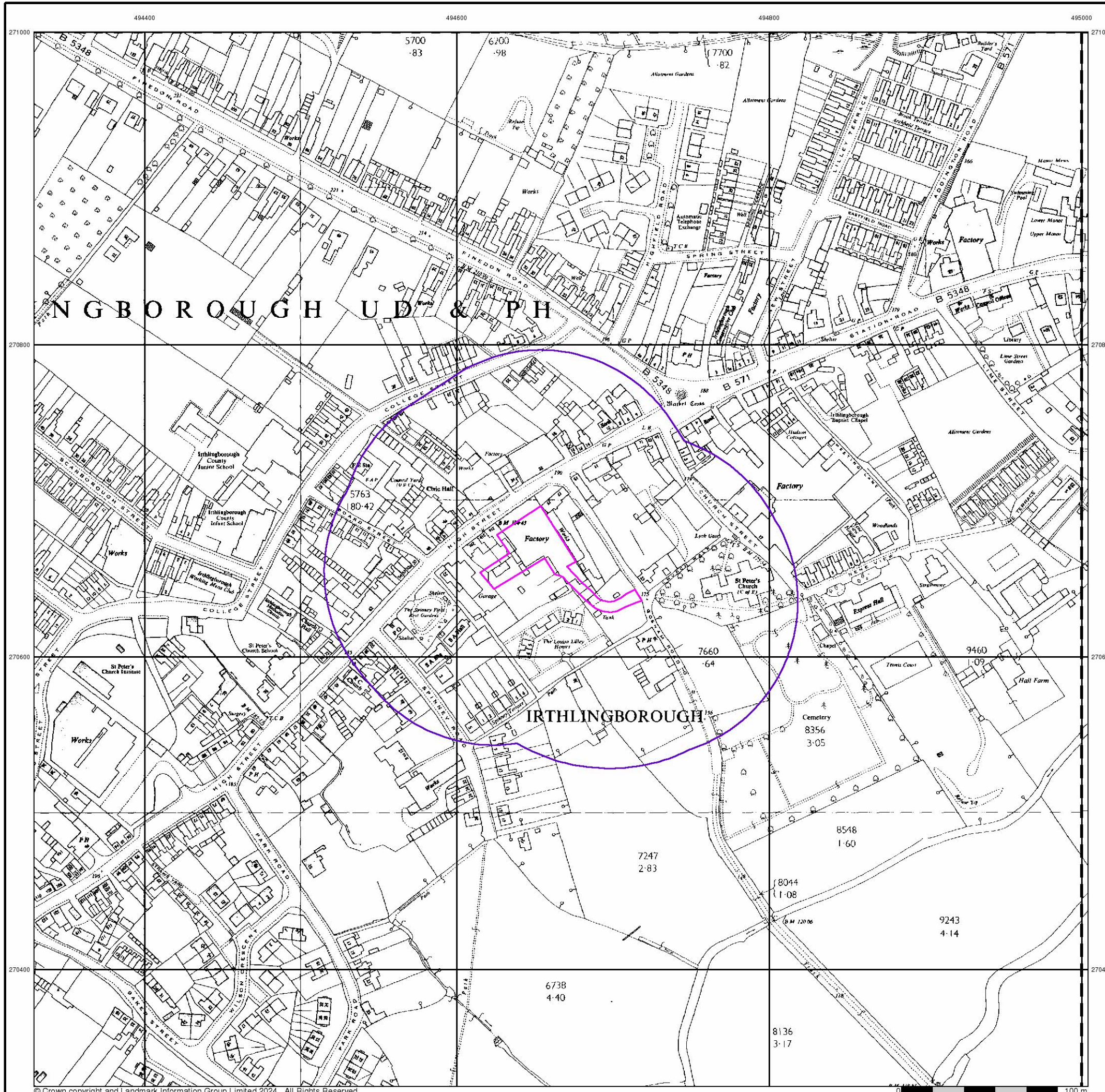


Order Details

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 Slice: A
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Site Details

Land of 13 to 21 High Street, IRTHLINGBOROUGH, NN9 5TE



Ordnance Survey Plan

Published 1968 - 1976

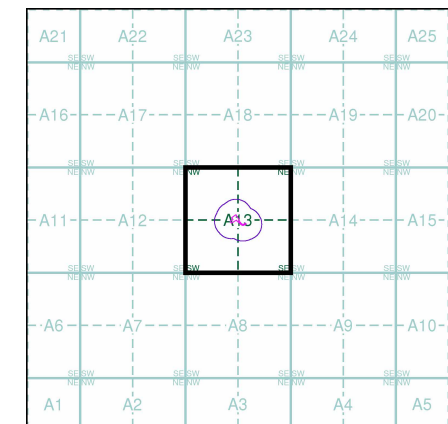
Source map scale - 1:1,250

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)

SP9471SW	SP9471SE
1976	1968
1:1,250	1:1,250
SP9470NE	
1976	
1:1,250	
SP9470SW	
1976	
1:1,250	

Historical Map - Segment A13

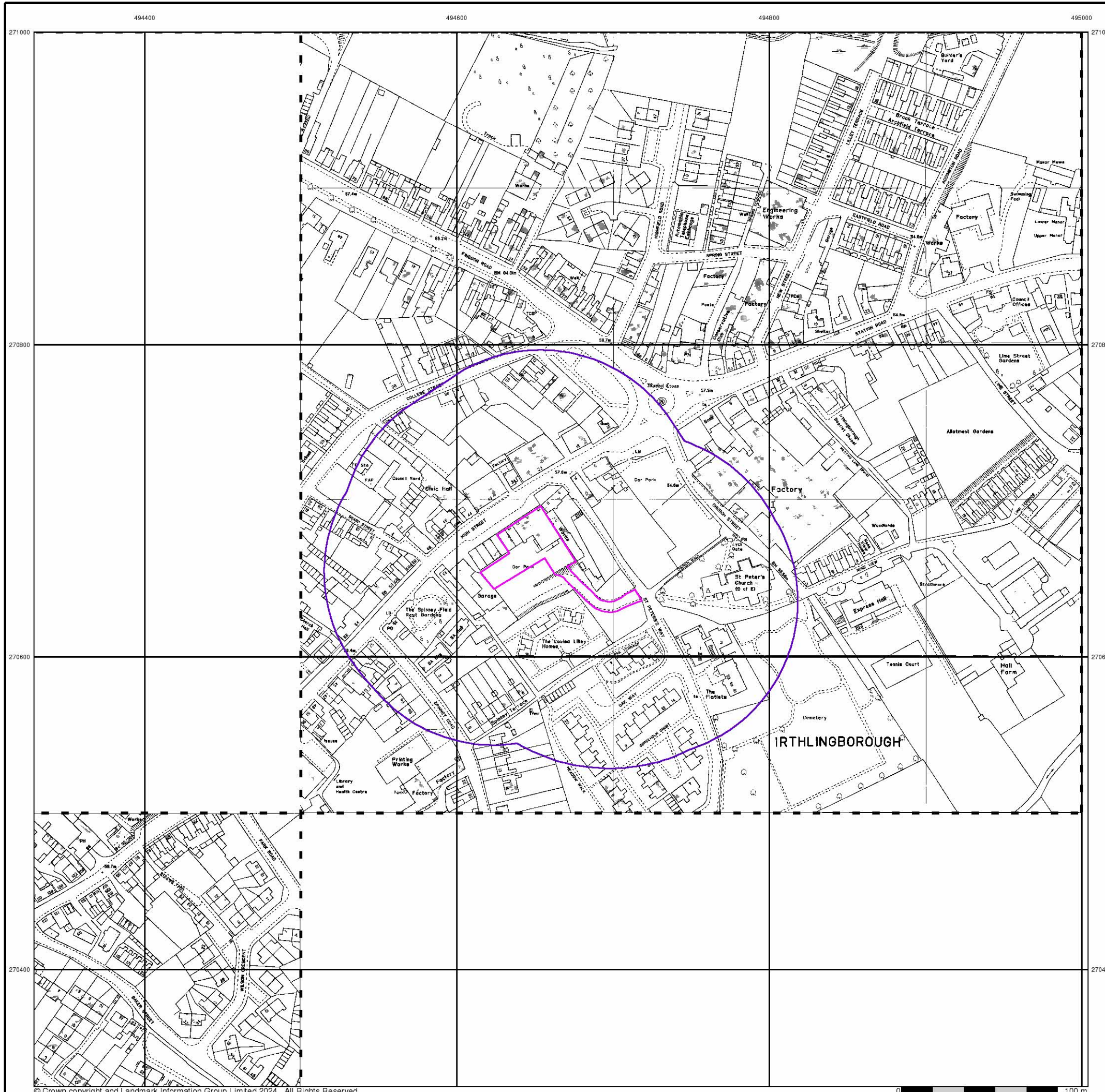


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Additional SIMs

Published 1986 - 1990

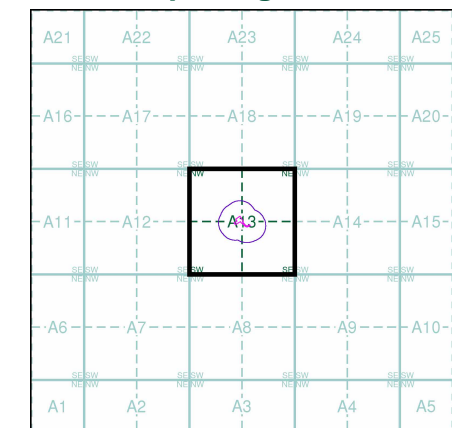
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

BP9471SE	1986	1:1,250
BP9470NE	1990	1:1,250
BP9470SW	1986	1:1,250
BP9470SE	1987	1:1,250

Historical Map - Segment A13

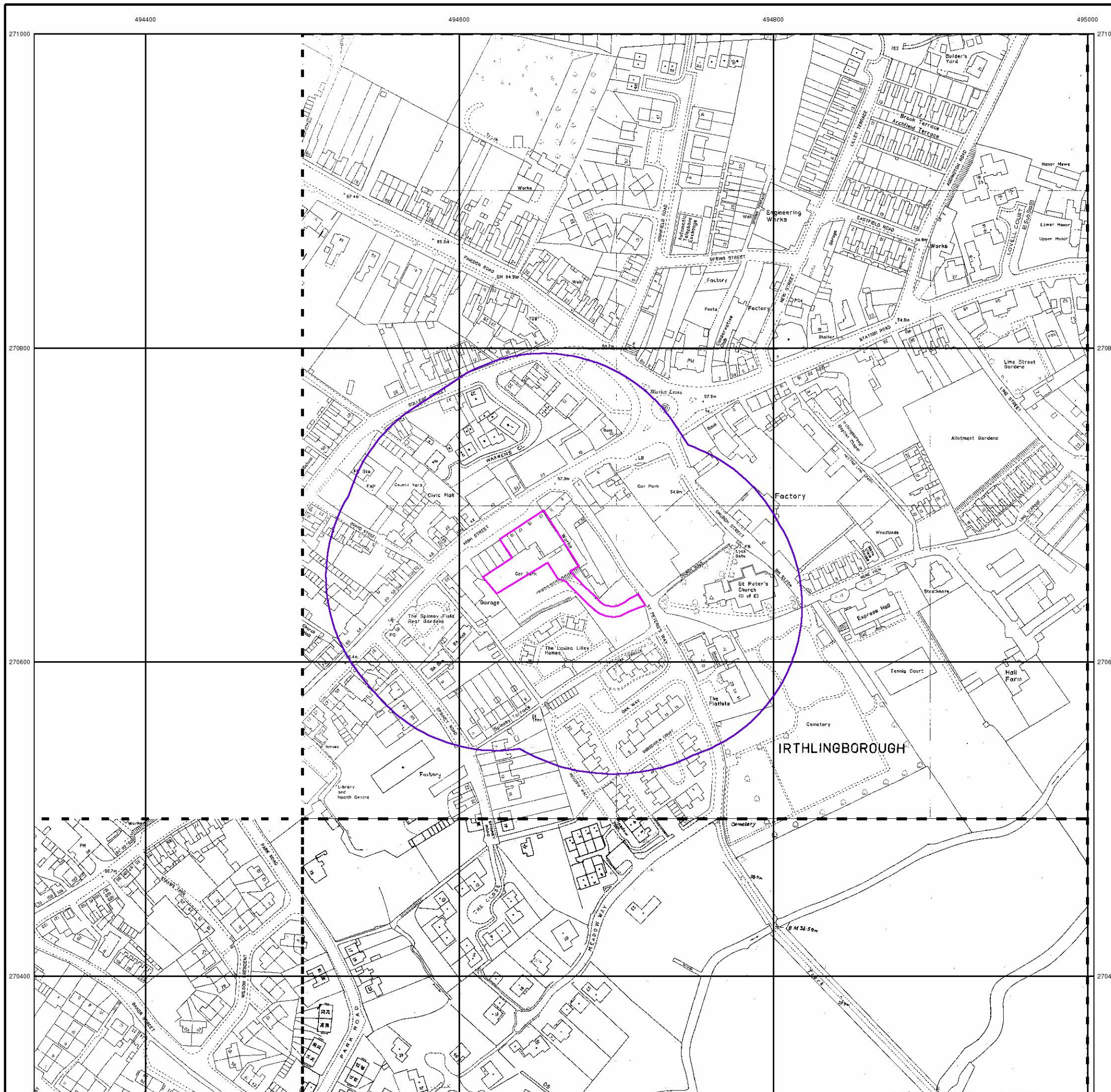


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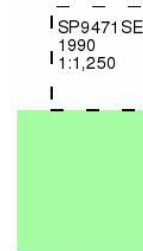
Additional SIMs

Published 1990

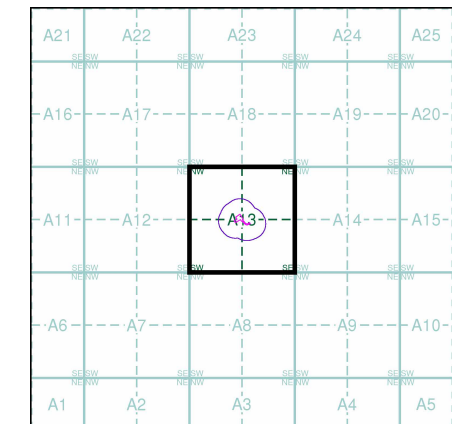
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13

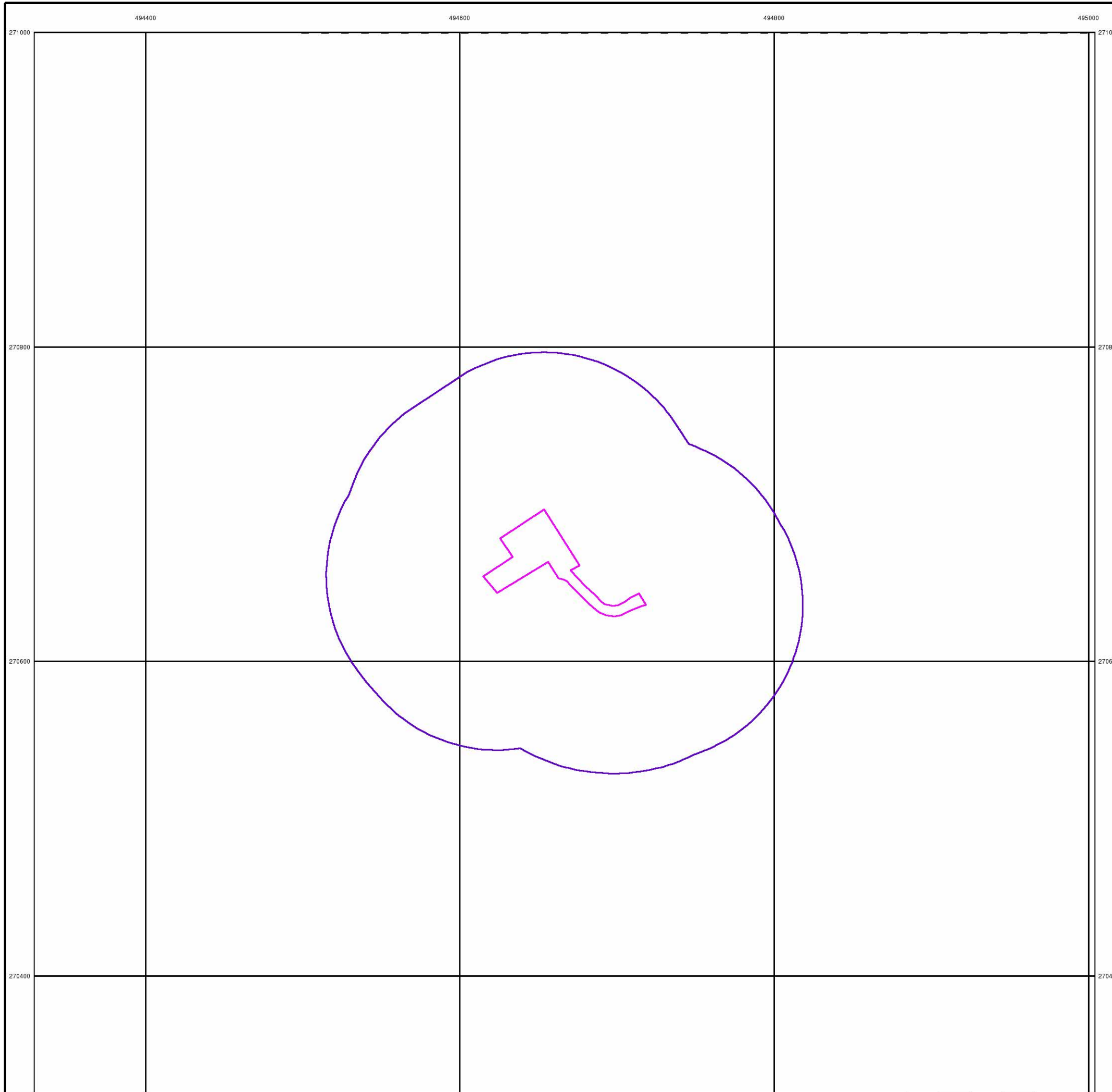


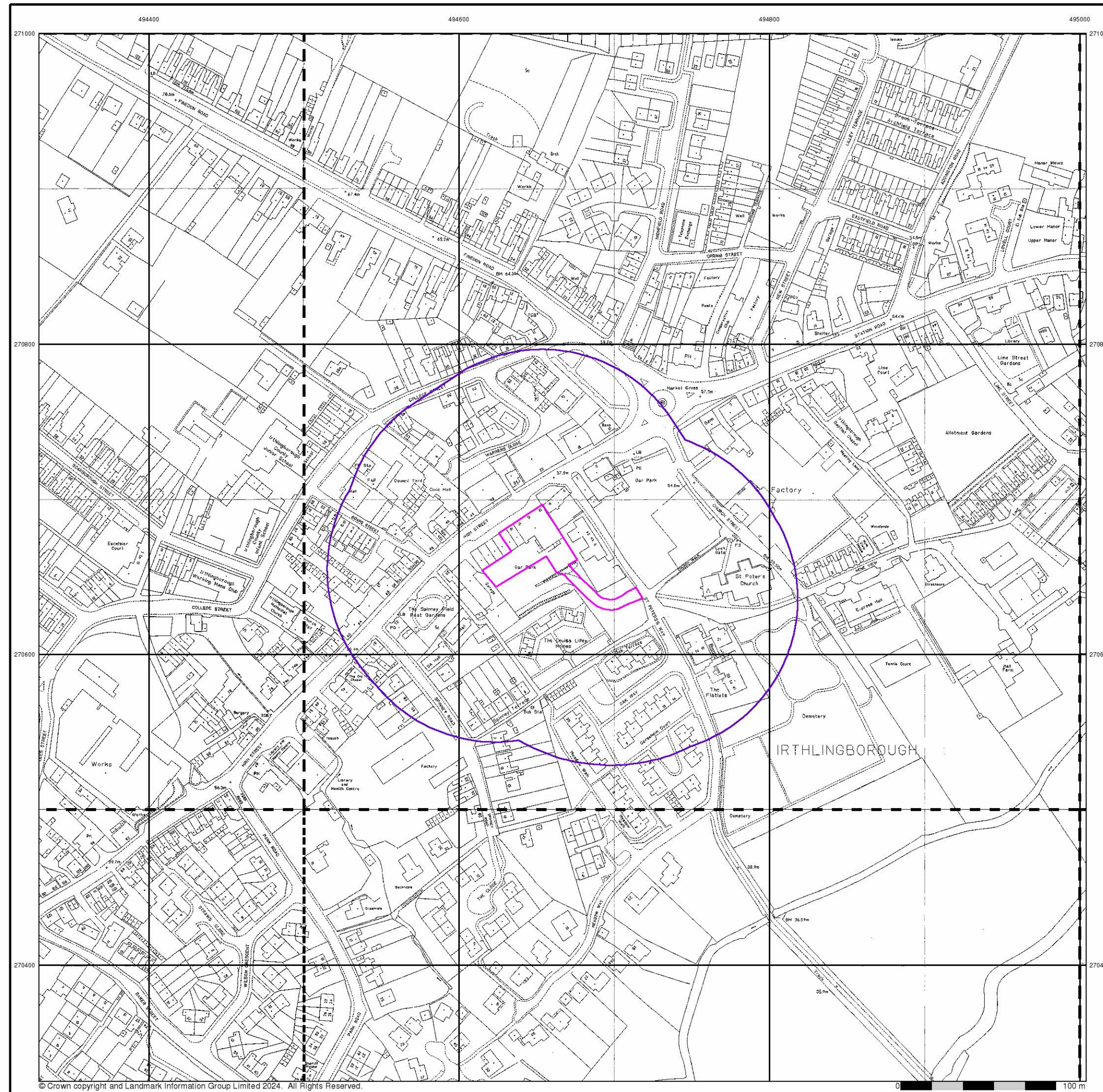
Order Details

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 Site Area (Ha): 0.19
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Site Details

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Large-Scale National Grid Data

Published 1993

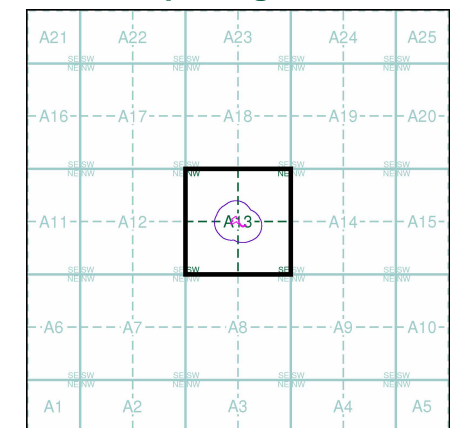
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

SP9471SW	SP9471SE	SP9571SW
1993	1993	1993
1:1,250	1:1,250	1:1,250
SP9470NW	SP9470NE	SP9570NW
1993	1993	1993
1:1,250	1:1,250	1:1,250
SP9470SW	SP9470SE	SP9570SW
1993	1993	1993
1:1,250	1:1,250	1:1,250

Historical Map - Segment A13



Order Details

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Site Details

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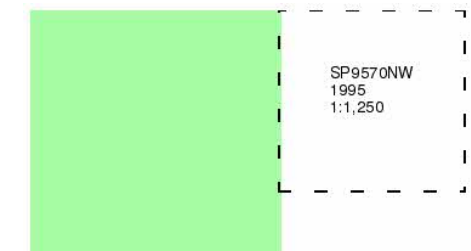
Large-Scale National Grid Data

Published 1995

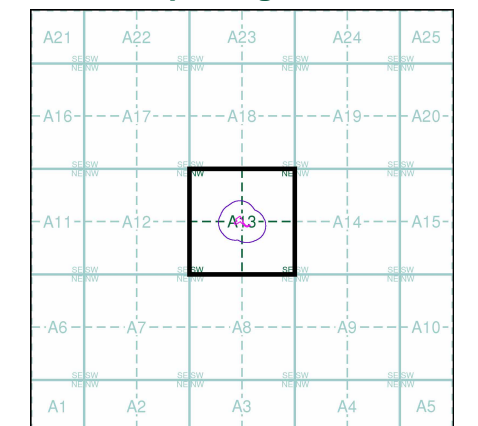
Source map scale - 1:1,250

'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

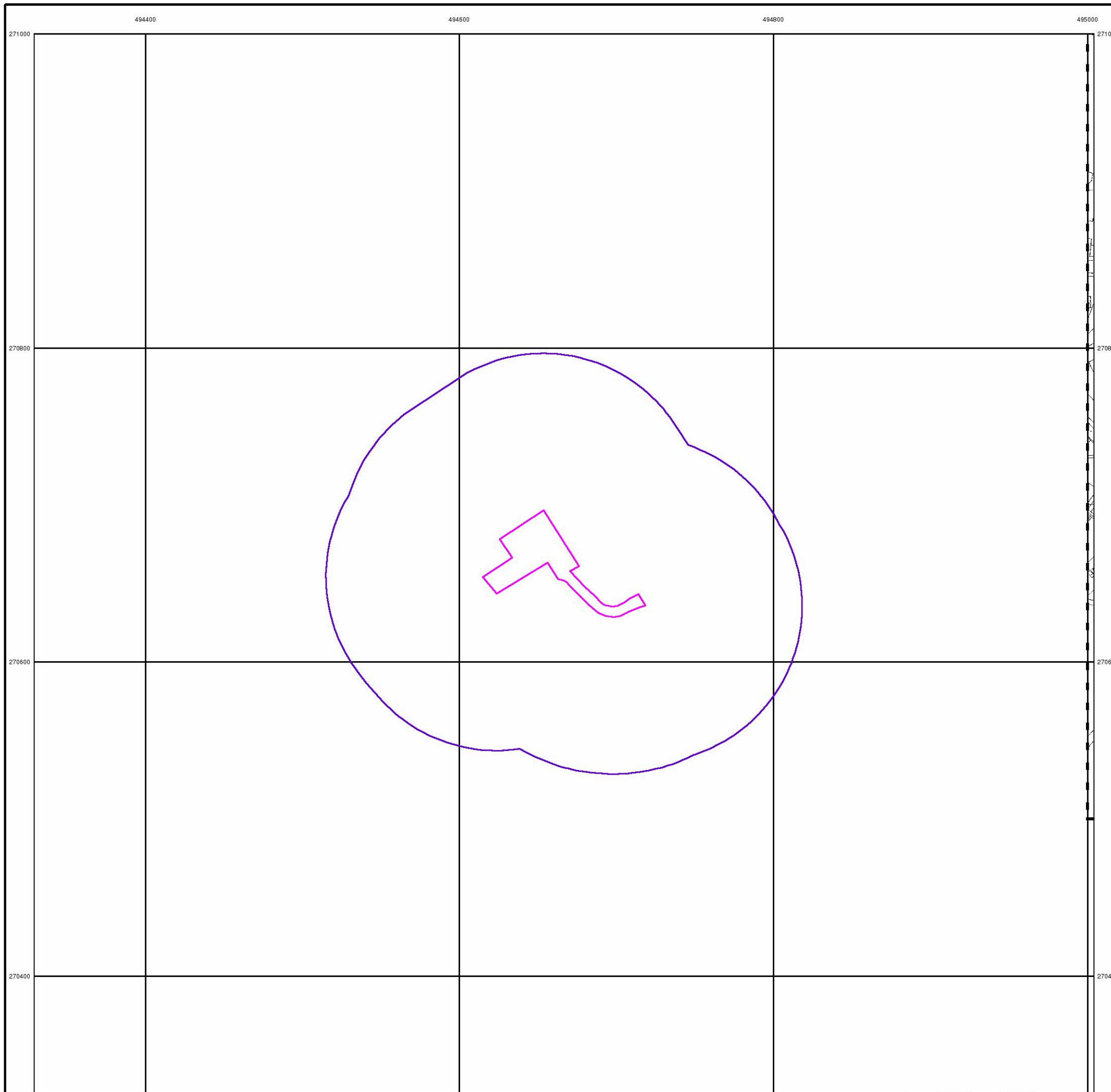


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Site Details

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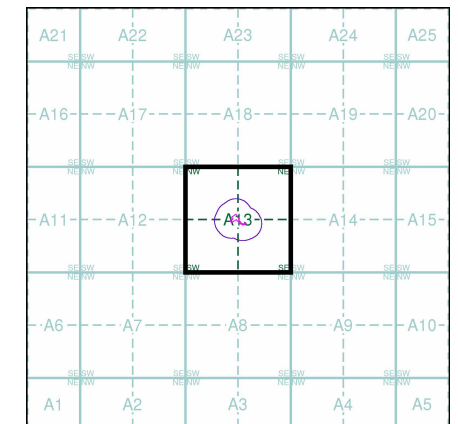


'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic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

Map Name(s) and Date(s)

SP9470NW	1996	1:1,250
SP9470SW	1996	1:1,250

Historical Map - Segment A13



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