



**Recreation Road
Ealing
London UB2 5PE**

Desk Study



January 2025

J24345
Rev 0



Ground investigation | Geotechnical consultancy | Contaminated land assessment



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Executive summary

This executive summary contains an overview of the key findings and conclusions. No reliance should be placed on any part of the executive summary until the whole of the report has been read. Other sections of the report may contain information that puts into context the findings that are summarised in the executive summary.

Brief

This report describes the findings of a desk study carried out by Geotechnical and Environmental Associates Limited (GEA) on the instructions of the Ealing London Borough Council, with respect to the residential redevelopment of the site. The purpose of the work has been to determine the history of the site, to assess the potential for contamination, to provide preliminary information on the expected ground conditions and to provide a preliminary UXO risk assessment.

Desk Study Findings

The earliest map studied, dated 1878, shows that the site was undeveloped, occupied by marshland and osiers. The Southall Gas Works was located approximately 80 m north of the site, on the opposite side of a channel which joined the Grand Junction Canal 200 m to the southeast of the site. The gas works and the channel were no longer present by 1914 and had been developed with terraced houses, along with the area to the east of the site.

The map dated 1935 shows the site to be partially occupied by three adjoining buildings at the western edge, but was undeveloped across the remainder. The three buildings are shown as a single structure of unknown use on the map dated 1962 and the site was redeveloped with the existing garages, configured along the southern edge and one either side of the entranceway at some time between 1962 and 1983. The site and surrounding area have essentially remained unchanged since that time.

The site is underlain by the Langley Silt Member over the Lynch Hill Gravel Member which is underlain by the London Clay Formation. A nearby borehole located via the BGS Borehole Database found made ground to 0.80 m, over orange-brown silty slightly sandy clay with fine roots, which extended to 1.00 m. Dense orange brown and dark brown silty, slightly clayey gravel with occasional fine roots extended to 3.70 m and was underlain by stiff bluish grey clay to 5.00 m, the full depth of the investigation. No groundwater strikes were recorded.

The site is not at risk of flooding from rivers or seas, and is not within a Groundwater Protection Zone.

A risk of landfill gas has not been identified.

A UXO Risk Assessment has found that risk is not elevated beyond background levels, and that no further research is recommended for this site.

Contamination Risk Assessment

On the basis of the findings of the research carried out, there is considered to be a Low risk of there being a contamination linkage at this site. A risk from soil gas is not envisaged.

A ground investigation should be carried out to allow the risks associated with any contaminated soils that may be present due to past activities on the site to be determined. The ground investigation should be designed to target areas identified by the walkover of being of concern with respect to potential contamination, particularly in the vicinity of the former building.



1.0 Introduction

Geotechnical and Environmental Associates Limited (GEA) has been commissioned by the Ealing London Borough Council to undertake a desk study at Recreation Road, Ealing, London, UB2 5PE.

1.1 Proposed Development

It is understood that it is proposed to redevelop the site through the demolition of the garages and construction of new residential buildings, although the exact nature of these has not yet been specified.

This report is specific to the proposed development and the advice herein should be reviewed if the development proposals are amended.

1.2 Purpose of work

The principal technical objectives of the work carried out were as follows:

-  to check the history of the site and surrounding area, particularly with respect to any previous or present potentially contaminative uses;
-  to provide an assessment of the risk of encountering unexploded ordnance (UXO);
-  to research the geology and hydrogeology of the site;
-  to check records of data on groundwater, surface water and other publicly available environmental data; and
-  to use the information obtained in the above searches to carry out a qualitative risk assessment with respect to subsurface contamination.

1.3 Scope of work

In order to meet the above objectives, a desk study was carried out, comprising, in summary, the following activities:

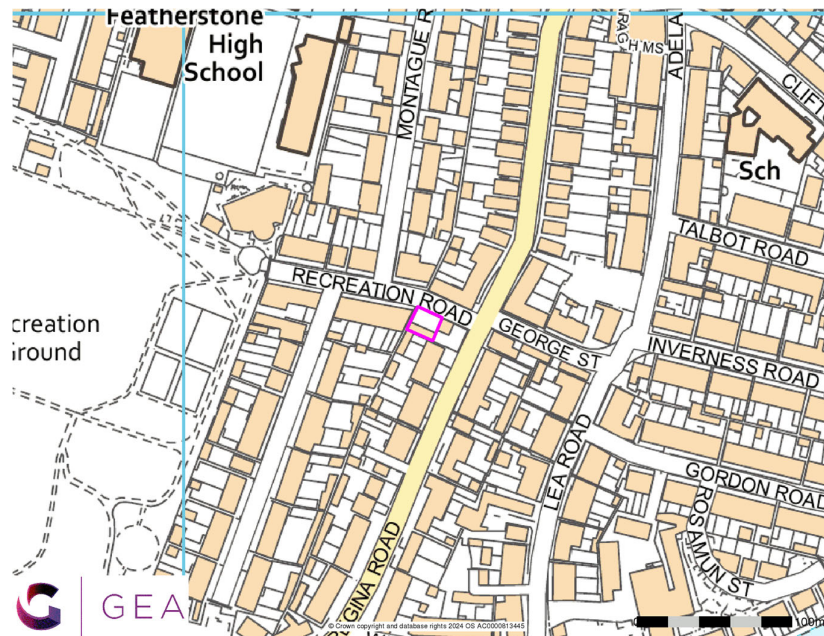
-  a review of historical Ordnance Survey (OS) maps supplied from the Envirocheck database;
-  a review of publicly available environmental data sourced from the Envirocheck database;
-  a review of publicly available planning records held on the Ealing website;
-  a preliminary unexploded ordnance (UXO) risk assessment carried out by 1st Line Defence;
-  a review of readily available geology maps; and
-  provision of a report presenting and interpreting the above data, together with our advice and recommendations with respect to the proposed development.



2.0 The Site

2.1 Site Description

The site is located in London Borough of Ealing approximately 1.0 km southwest of Southall Station, and 3.0 km southwest of Ealing Hospital. It is bounded to the west by Tentelow Lane, to the north by Norwood Terrace, and by residential buildings to the east and south. The site may be additionally located by National Grid Reference 512159, 178806 and is shown on the map extract below.



A walkover of the site was completed by a geotechnical engineer from GEA in December 2024. The site is roughly rectangular, measuring 16 m north-south by 17 m east-west. It is occupied by hardstanding and garages, and nearly devoid of vegetation, except for several small trees in elevated planters at the northern edge of the site. The garages occupy the

southern half of the site, extending back roughly 5 m. Two garages in a state of disrepair are either side of the entrance to the site. There is some refuse present on the site, including glass, plastic, metal cans, and cardboard.

2.2 Site History

The site history has been researched by reference to internet sources and historical Ordnance Survey (OS) maps obtained from the Envirocheck database.

The earliest map studied, dated 1878, shows that the site was undeveloped, occupied by marshland and osiers. Notably, the Southall Gas Works was located approximately 80 m north of the site, on the opposite side of a channel which joined the Grand Junction Canal 200 m to the southeast of the site, subsequently known as the Grand Union Canal. A mound and pond are located 100 m to the southeast of the site in 1878. The large scale 1868 map shows a large brickfield surrounded by a channel, adjacent to the canal 270 m to the southwest of the site at the closest point.

The subsequent map, dated to 1895, shows that the site remained undeveloped, though the marsh was no longer noted. The former gas works were also not labelled, though a building remained on the former site. The mound and pond to the southeast are no longer shown.

The next available map, dated 1914 shows that the area was changed significantly; the former gas works and the channel were no longer present and had been developed with terraced houses, along with the area to the east of the site. The Victoria Tube Works had also been constructed by this time, roughly 200 m southeast of the site.

The map dated 1935 shows the site to be partially occupied by three adjoining buildings at the western edge, but was undeveloped across the remainder. The former brickfield to the southwest was redeveloped with housing by 1948.

The three buildings are shown as a single structure of unknown use on the map dated 1962 and the site was redeveloped with the existing garages, configured along the southern edge and one either side of the entranceway at some time between 1962 and 1983. The site and surrounding area have essentially remained unchanged since that time.

2.2.1 Planning History

A search of planning records held by the London Borough of Ealing did not obtain any results for the site.



2.3 Other Information

A search of public registers and databases has been made via the Envirocheck database and relevant extracts from the search are appended. Full results of the search can be provided if required.

The Envirocheck report has not indicated any recorded landfill sites within 250 m of the site. A historical landfill is recorded 279 m to the southwest relating to the former brickfield which was developed with housing by 1948. There is one instance of potentially infilled land within 250 m of the site, at 17 m to the north which relates to the infilling of the former canal channel by 1914. No waste management facilities, waste transfer facilities, or waste treatment or disposal sites are located within 250 m of the site.

No pollution incidents to controlled waters are recorded within 250 m of the site.

There are three contemporary trade directories within 100 m of the site, including a garage services 52 m north of the site at 49 Montague Road, a telecommunication equipment and systems 77 m south of the site, and a clothing and fabric manufacturer 84 m northeast of the site. All of these uses are inactive.

There is one filling station within 250 m of the site, which is 247 m northeast, and no longer active.

Reference to records compiled by the Health Protection Agency (formerly the National Radiological Protection Board) indicates that the site falls within an area where less than 1% of homes are affected by radon emissions and therefore radon protective measures should not be necessary.

There are no Points of Interest relating to commercial services are listed on site, though there are two within 100 m, both being 'Man Motors' 51 m north of the site.

2.4 Preliminary UXO Risk Assessment

A Preliminary UXO Risk Assessment has been completed by 1st Line Defence (report ref PA21183-00, dated 12th December 2024), and the report is included in the appendix. The risk assessment has been carried out in accordance with the guidelines provided by CIRIA¹, which state that the likelihood of encountering and detonating UXO below a site should be assessed along with establishing the consequences that may arise. The first phase comprises a preliminary risk assessment, which should be undertaken at an early stage of the development planning. If such an assessment identifies a high level of risk, then a detailed risk assessment should be carried out by a UXO specialist, which will identify an appropriate course of action with regard to risk mitigation.

The report indicates that, during World War II (WWII), the site was located within the Municipal Borough of Southall, which sustained an overall moderate bomb density with 51.4 items of ordnance recorded per 1,000 acres. Middlesex County Council War Damage Mapping does not indicate any damage to the structures on or within the site's immediate vicinity. The site was occupied and likely to have been frequently accessed, meaning any unexploded ordnance is likely to have been reported and dealt with. Therefore, it is recommended that no further research is undertaken.

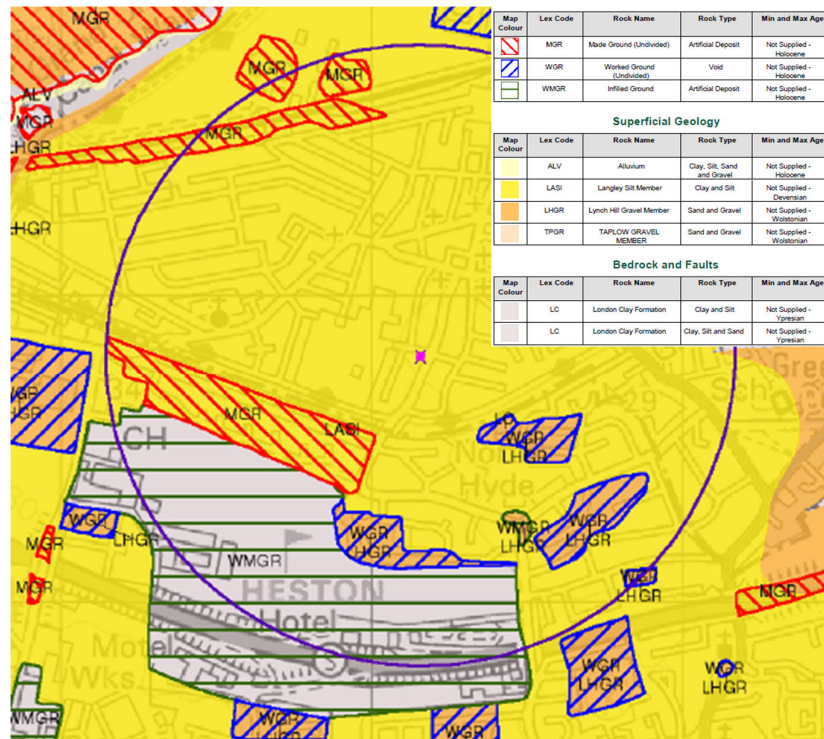
1 CIRIA C681 (2009) *Unexploded ordnance (UXO) A guide for the construction industry*



3.0 Ground Conditions

3.1 Soil Conditions

The British Geological Survey (BGS) map of the area (as reproduced by Envirocheck below) indicates that the site is directly underlain by the Langley Silt Member over the Lynch Hill Gravel Member which is underlain by the London Clay Formation.



A search of the BGS borehole database has identified a borehole roughly 30 m northwest of the site (borehole TQ17NW317). The made ground extended to 0.80 m, followed by orange-brown silty slightly sandy clay with fine roots, which extended to 1.00 m. Dense orange brown

and dark brown silty, slightly clayey gravel with occasional fine roots extended to 3.70 m and was underlain by stiff bluish grey clay to 5.00 m, the full depth of the investigation. No groundwater strikes were recorded.

3.2 Hydrology and Hydrogeology

The Langley Silt Member is classified by the Environment Agency as Unproductive Strata, referring to rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow. This means it cannot support a water table or effectively transmit groundwater flow because of its low permeability and cohesive nature. The permeability will be predominantly secondary, through fissures in the clay.

The nearest surface water feature is the 242 m south of the site, the Grand Union Canal

A single water abstraction is located 1.16 km west of the site.

The site is not located within a Groundwater Protection Zone and is not located within an area with potential for groundwater flooding to occur. In addition, the site is not located within an area at risk of flooding from rivers or the sea.

The site is entirely covered by a mixture of concrete hardstanding and garage buildings. Infiltration of rainwater is generally restricted to surface water drains, such that the majority of surface runoff currently drains into combined sewers in the road.

Future development will therefore not increase the proportion of hardstanding on the site. This will therefore not increase the amount of runoff or volume of water received into the existing sewer system, or that could have a potentially adverse impact on the surrounding area.



4.0 Risk Assessment

4.1 Environmental Risks

Part IIA of the Environmental Protection Act 1990, which was inserted into that Act by Section 57 of the Environment Act 1995, provides the main regulatory regime for the identification and remediation of contaminated land. The determination of contaminated sites is based on a “suitable for use” approach which involves managing the risks posed by contaminated land by making risk-based decisions. This risk assessment is carried out on the basis of a source-pathway-receptor approach.

4.1.1 Source

The desk study findings indicate that the site has a potentially contaminative history having been occupied by an unknown building since 1935 and then garages since 1983. The historical development could have resulted in the presence of made ground across the site which could contain metals, hydrocarbon fuels, inorganic compounds and asbestos. The existing domestic garages may have been used to store small quantities of leaded petroleum products, hydrocarbons, and solvents.

Although infilled ground has been identified within 50 m, this is not considered to represent a risk of landfill gas due to the age of infilling over 100 years ago. No sources of landfill gas have been identified on site or in the surrounding area.

4.1.2 Receptor

The redevelopment of the site with a residential end use will result in end users representing high sensitivity receptors. Adjacent sites are also considered to be sensitive receptors.

As the site is directly underlain by Unproductive Strata, groundwater is not considered to be a particularly sensitive receptor.

Buried services are likely to come into contact with any contaminants present within the soils through which they pass and site workers are potential receptors during construction or maintenance works.

4.1.3 Pathway

The presence of negligibly permeable Langley Silt directly beneath the site will limit the potential for groundwater percolation into the underlying chalk, and thus a pathway is not considered likely to exist to the principal aquifer. However, perched water above the Langley Silt, within the made ground may allow the migration of contaminants to neighbouring sites.

Within the site, end users will be largely isolated from direct contact with any contaminants present within the made ground by the presence of the buildings and the extent of the hardstanding, however any soft landscaping will present a potential exposure pathway.

Buried services may be exposed to any contaminants present within the soil through direct contact and site workers will come into contact with the soils during construction works.

4.1.4 Preliminary Risk Appraisal

In accordance with the guidelines provided by CIRIA², the following table comprises the conceptual site model and summarises possible pollution linkages for the site.

Source	Receptor	Pathway	Probability	Consequence	Risk
Inorganic and organic contamination within near surface soils resulting from existing and past activities on site.	End users	Ingestion of contaminated soil or dust, through skin contact or inhalation	Unlikely	Medium	Low
	Vegetation	Uptake via soil through roots	Low likelihood	Mild	Low
	Groundwater	Percolation and leaching of surface run-off	Unlikely	Medium	Low
	Buried services / foundation concrete	Direct contact	Low likelihood	Mild	Low
	Adjacent sites	Surface water flow or drain runs	Low likelihood	Mild	Low

² Rudland, DJ, Lancefield, RM and Mayell, PN (2001) *Contaminated land risk assessment. A guide to good practice.* CIRIA C552



Source	Receptor	Pathway	Probability	Consequence	Risk
Inorganic and organic contamination within perched water resulting from existing and past activities on site.	Site workers	Ingestion of contaminated soil or dust, skin contact, inhalation	Low likelihood	Mild	Low
	End users	Direct contact	Unlikely	Medium	Low
	Vegetation	Uptake through roots	Low likelihood	Mild	Low
	Groundwater	Percolation and leaching of surface run-off	Low likelihood	Mild	Low
	Buried services / foundation concrete	Direct contact	Low likelihood	Mild	Low
	Adjacent sites	Surface water flow or drain runs	Low likelihood	Mild	Low
	Site workers	Ingestion of contaminated soil or dust, skin contact, inhalation	Low likelihood	Mild	Low
Landfill gas or hydrocarbon vapour	End users	Inhalation	Unlikely	Medium	Low
	Adjacent sites	Through permeable soils	Unlikely	Mild	Very low
	Site workers	Inhalation	Unlikely	Medium	Low

This method of risk evaluation involves classification of the magnitude of the potential consequence (severity) and probability (likelihood) of the risk. The method by which these factors are classified is detailed in the Appendix. On the basis of the consequence and probability the site can be attributed a level of risk, ranging from very low to very high and the procedure for making this assessment is shown in the Appendix.

On the basis of the above it is considered that there is a LOW risk of there being a significant contaminant linkage at this site that would result in a requirement for major remediation work. Furthermore, as there is no evidence of recently filled ground within the vicinity of the site and no landfill sites, there is not considered to be a significant potential for hazardous soil gas to be present on or migrating towards the site.

As there is not considered to be a potential for hazardous ground gases to be present on or migrating towards the site, there should be no need to consider ground gas exclusion systems, or ground gas monitoring at this site, as outlined in Table 1 of RB17³.

5.0 Conclusions

On the basis of the findings of the research carried out there is considered to be a Low risk of there being a contamination linkage at this site. A risk from soil gas is not envisaged.

A ground investigation should be carried out to allow the risks associated with any contaminated soils that may be present due to past activities on the site to be determined. The ground investigation should be designed to target areas identified by the walkover of being of concern with respect to potential contamination, particularly in the vicinity of the former building.

As per the recommendations of the preliminary UXO risk assessment, no further research is required prior to commencing works on site.

3 Card, G, Wilson S, Mortimer S (2012), *A Pragmatic Approach to Ground Gas Risk Assessment*. CL:AIRE Research Bulletin RB17. CL:AIRE, London, UK. ISSN 2047-6450 (online)



Appendix

Envirocheck Extracts
Historical Maps
UXO Preliminary Risk Assessment

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

365228633_1_1

Customer Reference:

J24345

National Grid Reference:

512160, 178800

Slice:

A

Site Area (Ha):

0.03

Search Buffer (m):

1000

Site Details:

Recreation Road

SOUTHALL

UB2 5PE

Client Details:

Mr S Branch

GEA Ltd

Widbury Barn

Widbury Hill

Ware

Herts

SG12 7QE



Report Section	Page Number
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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	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				5
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2		1	1	5
Local Authority Pollution Prevention and Control Enforcements	pg 3				1
Nearest Surface Water Feature	pg 3		Yes		
Pollution Incidents to Controlled Waters	pg 3			1	8
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 5				3
Water Abstractions	pg 5				(*11)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 8	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 8		1		
Water Framework Directive - Catchment	pg 8	Yes			Yes
Water Framework Directive - Groundwater	pg 9	Yes			
Water Framework Directive - Surface Waters					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 10			1	3
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 10				1
Licensed Waste Management Facilities (Locations)	pg 11			2	2
Local Authority Landfill Coverage	pg 11	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 12				1
Potentially Infilled Land (Non-Water)	pg 12			3	9
Potentially Infilled Land (Water)	pg 12		1	5	5
Registered Landfill Sites	pg 13				1
Registered Waste Transfer Sites	pg 13			3	
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents	pg 15				2
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry					
BGS Recorded Mineral Sites	pg 16			1	30
BGS Urban Soil Chemistry	pg 21		Yes	Yes	Yes
BGS Urban Soil Chemistry Averages	pg 24	Yes			
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 25		20	73	183
Fuel Station Entries	pg 49		1	2	1
Points of Interest - Commercial Services	pg 49		11	47	76
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 60		5	14	43
Points of Interest - Public Infrastructure	pg 65			4	11
Points of Interest - Recreational and Environmental	pg 67		3	9	9
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt	pg 69			1	
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	271	1	512350 178600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (SW)	290	1	512000 178550
1	Discharge Consents Operator: Underwoods Engineering Co Ltd Property Type: Undefined Or Other Location: Harewood Terrace, Norwood Green, Southall, Middx Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Ctmr.0192 Permit Version: 1 Effective Date: 6th November 1975 Issued Date: 6th November 1975 Revocation Date: 5th April 1990 Discharge Type: Trade Discharges - Cooling Water Discharge: Freshwater Stream/River Environment: Receiving Water: Grand Unioncanal Status: Authorisation revoked Positional Accuracy: Located by supplier to within 100m	A14SW (E)	634	2	512800 178800
2	Discharge Consents Operator: C. A. Blackwell (Contracts) Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Southall Gasworks 169 Brent Road . Southall Middlesex Ub2 5le Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Eprfb3499vn Permit Version: 1 Effective Date: 9th January 2018 Issued Date: 9th January 2018 Revocation Date: 24th March 2022 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Trenches Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	907	2	511702 179603
3	Discharge Consents Operator: C. A. Blackwell (Contracts) Limited Property Type: GROUNDWATER REMEDIATION SITES/CIVIL ENGINEERING Location: Southall Gasworks 169 Brent Road . Southall Middlesex Ub2 5le Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Eprfb3499vn Permit Version: 1 Effective Date: 9th January 2018 Issued Date: 9th January 2018 Revocation Date: 24th March 2022 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Groundwater Via Trenches Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18NW (N)	940	2	512103 179753
4	Discharge Consents Operator: Amey Construction Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: M4 Maintenance Compound J3 East Heston Services Eastbound North Hyde Lane Hounslow Middlesex Tw5 9na Authority: Environment Agency, Thames Region Catchment Area: Not Supplied Reference: Catm.2485 Permit Version: 2 Effective Date: 21st December 2012 Issued Date: 21st December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Gravels Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8SE (S)	940	2	512421 177891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Amey Construction Ltd. Property Type: CONSTRUCTION OF BUILDINGS Location: M4 Maintenance Compound J3 East Heston Services Eastbound North Hyde Lane Hounslow Middlesex Tw5 9na Authority: Environment Agency, Thames Region Catchment Area: Not Given Reference: CATM.2485 Permit Version: 1 Effective Date: 2nd October 1996 Issued Date: 2nd October 1996 Revocation Date: 20th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Onto Land Environment: Receiving Water: Gravels Status: New Consent, by Application (Water Resources Act 1991, Section 88) Positional Accuracy: Located by supplier to within 10m	A8SE (S)	940	2	512421 177891
5	Local Authority Pollution Prevention and Controls Name: Autodex Ltd Location: 76 Adelaide Road, SOUTHALL, Middlesex, UB2 5PY Authority: London Borough of Ealing, Environmental Health and Trading Standards Division Permit Reference: 000020 Dated: 22nd September 1992 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Manually positioned to the address or location	A13NE (E)	111	3	512276 178827
6	Local Authority Pollution Prevention and Controls Name: Norwood Dry Cleaners Ltd Location: 14 Norwood Road, Southall, UB2 4dl Authority: London Borough of Ealing, Environmental Health and Trading Standards Division Permit Reference: P-000232 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	327	3	512397 179040
7	Local Authority Pollution Prevention and Controls Name: Arkmead Ltd T/A Oldfield Tyre & Exhaust Location: 119-121 Norwood Road, Southall, Middlesex, UB2 4DY Authority: London Borough of Ealing, Environmental Health and Trading Standards Division Permit Reference: P-000280 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A14NW (E)	603	3	512743 178982
8	Local Authority Pollution Prevention and Controls Name: Advanced Moulding Components Ltd Location: Johnson Street, SOUTHALL, Middlesex, UB2 5DA Authority: London Borough of Ealing, Environmental Health and Trading Standards Division Permit Reference: 000045 Dated: 6th October 1992 Process Type: Local Authority Air Pollution Control Description: PG6/23 Coating of metal and plastic Status: Authorised Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	861	3	511513 179393
9	Local Authority Pollution Prevention and Controls Name: Beaver & Tapley Ltd Location: North Factory, Scotts Road, SOUTHALL, Middlesex, UB2 5DJ Authority: London Borough of Ealing, Environmental Health and Trading Standards Division Permit Reference: 19 Dated: 6th November 1992 Process Type: Local Authority Air Pollution Control Description: PG6/2 Manufacture of timber and wood-based products Status: Authorised Positional Accuracy: Automatically positioned to the address	A17SW (NW)	871	3	511421 179290

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Local Authority Pollution Prevention and Controls Name: Solus (Carstar) Ltd Location: North Hyde Wharf, Hayes Road, SOUTHALL, Middlesex, UB2 5NS Authority: London Borough of Hounslow, Environmental Health Department Permit Reference: PPC077 Dated: 22nd February 1999 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles Status: Authorised Positional Accuracy: Located by supplier to within 100m	A12SW (W)	944	4	511200 178800
11	Local Authority Pollution Prevention and Controls Name: Moto Hospitality Ltd Location: Heston Services Eastbound, M4 J2/3 Phoenix Way, Hounslow, Tw5 9nb Authority: London Borough of Hounslow, Environmental Health Department Permit Reference: Not Supplied Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Manually positioned to the address or location	A8SW (S)	958	4	512088 177839
12	Local Authority Pollution Prevention and Control Enforcements Location: Johnson Street, Southall, Ub2 5da Type: Air Pollution Control Enforcement Notice Reference: 000045 Date Issued: 26th July 2002 Enforcement Date: Not Supplied Details: Catty Odour Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	861	3	511513 179393
	Nearest Surface Water Feature	A13SW (S)	242	-	512130 178554
13	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Western Road, SOUTHALL Authority: Environment Agency, Thames Region Pollutant: General Note: Confirmed incident Incident Date: 14th March 1999 Incident Reference: THNE1999042215 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18SW (N)	414	2	512000 179200
14	Pollution Incidents to Controlled Waters Property Type: Not Given Location: SOUTHALL Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Not Supplied Incident Date: 13th October 1998 Incident Reference: THNE1998040845 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A14SW (E)	545	2	512700 178700
15	Pollution Incidents to Controlled Waters Property Type: Not Given Location: NORWOOD GREEN Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 21st April 1997 Incident Reference: THN11997032044 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SW (E)	634	2	512800 178800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	Pollution Incidents to Controlled Waters Property Type: Not Given Location: SOUTHALL Authority: Environment Agency, Thames Region Pollutant: General Note: Confirmed incident Incident Date: 10th June 1999 Incident Reference: THNE1999043395 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A18NE (N)	702	2	512300 179500
17	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Park Avenue, SOUTHALL Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 20th May 1990 Incident Reference: N1900251 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A19NW (NE)	769	2	512500 179500
18	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Clunbury Avenue Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 3rd July 1989 Incident Reference: N1890360 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9SW (SE)	822	2	512600 178100
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: The Green, SOUTHALL Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 23rd March 1990 Incident Reference: N1900131 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	824	2	512400 179600
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: South Bulls Bridge Authority: Environment Agency, Thames Region Pollutant: Oils - Unknown Note: Confirmed As A Pollution Incident Incident Date: 6th February 1993 Incident Reference: NE930091 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	844	2	511300 178800
21	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Spitfire Way, HESTON Authority: Environment Agency, Thames Region Pollutant: Unknown Sewage Note: Confirmed As A Pollution Incident Incident Date: 25th October 1995 Incident Reference: N1950579 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	982	2	511300 178300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 13th July 2015 Incident Reference: 1354469 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants And Effects: Dust	A8SW (S)	711	2	512002 178101
23	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 14th February 2008 Incident Reference: 564214 Water Impact: Category 3 - Minor Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Inert Materials And Wastes: Soils And Clay Pollutant: Specific Waste Materials: Other Specific Waste Material	A7NW (SW)	915	2	511380 178298
24	Substantiated Pollution Incident Register Authority: Environment Agency - Thames Region, North East Area Incident Date: 17th October 2004 Incident Reference: 387104 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: General Biodegradable : Other Pollutant: Inert : Construction / Demolition Material Pollutant: Oils - Diesel (Including Agricultural) Pollutant: Organic Chemicals/Products: Hydrocarbons	A8SE (S)	940	2	512429 177893
	Water Abstractions Operator: Chancerygate Group Limited Licence Number: 28/39/36/0010 Permit Version: 102 Location: Apexes Works, Scotts Road, Southall-Borehole A Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Apexes Works, Scotts Road, Southall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 9th December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1160	2	511150 179400
	Water Abstractions Operator: Chelsea Limited Partnership Licence Number: 28/39/36/0010 Permit Version: 101 Location: Apexes Works, Scotts Road, Southall-Borehole A Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Apexes Works, Scotts Road, Southall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th September 2002 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	1160	2	511150 179400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Virtus Hayes Limited Licence Number: Th/039/0036/013 Permit Version: 1 Location: Western International Market, Hayes Road, Southall, London Authority: Environment Agency, Thames Region Abstraction: Business Parks: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2015 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (W)	1270	2	510876 178731
	Water Abstractions Operator: Virtus Hayes Limited Licence Number: Th/039/0036/013 Permit Version: 1 Location: Western International Market, Hayes Road, Southall, London Authority: Environment Agency, Thames Region Abstraction: Business Parks: Evaporative Cooling 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: 17th November 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (W)	1270	2	510876 178731
	Water Abstractions Operator: Usc Europe Uk Ltd Licence Number: 28/39/36/0010 Permit Version: 100 Location: Borehole At Apexes Works, Scotts Road, Southall Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Non-Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): 114 Yearly Rate (m3): 40914 Details: Apexes Works, Scotts Road, Southall Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th September 1996 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A16SE (NW)	1292	2	511000 179400
	Water Abstractions Operator: British Waterways Board Licence Number: 28/39/38/0030 Permit Version: 100 Location: Grand Union Canal- Maypole Dock Arm At Maypole Dock Authority: Environment Agency, Thames Region Abstraction: Amenity: Supply to a Canal for Throughflow Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): 927 Yearly Rate (m3): 66690 Details: Maypole Dock, Southall Authorised Start: 01 June Authorised End: 31 August Permit Start Date: 25th September 1980 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19NE (NE)	1292	2	513100 179700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Nestle Uk Limited Licence Number: Th/039/0036/011 Permit Version: 2 Location: Nestle Coffee Factory-Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nestle Coffee Factory, Off North Hyde Gardens, Hayes, Middlesex. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1963	2	510238 179269
	Water Abstractions Operator: Nestle Uk Limited Licence Number: Th/039/0036/011 Permit Version: 2 Location: Nestle Coffee Factory-Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nestle Coffee Factory, Off North Hyde Gardens, Hayes, Middlesex. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 12th June 2014 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1963	2	510238 179269
	Water Abstractions Operator: Nestle Uk Limited Licence Number: Th/039/0036/011 Permit Version: 1 Location: Nestle Coffee Factory-Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Boiler Feed Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nestle Coffee Factory, Off North Hyde Gardens, Hayes, Middlesex. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1963	2	510238 179269
	Water Abstractions Operator: Nestle Uk Limited Licence Number: Th/039/0036/011 Permit Version: 1 Location: Nestle Coffee Factory-Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nestle Coffee Factory, Off North Hyde Gardens, Hayes, Middlesex. Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2013 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1963	2	510238 179269

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Nestle Uk Limited Licence Number: 28/39/36/0072 Permit Version: 1 Location: Nestle Coffee Factory-Borehole Authority: Environment Agency, Thames Region Abstraction: Other Industrial/Commercial/Public Services: Evaporative Cooling Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Nestle Coffee Factory, Off North Hyde Gardens, Hayes, Middlesex. Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 12th August 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1969	2	510230 179260
	Groundwater Vulnerability Map Combined Unproductive Aquifer (may have productive aquifer beneath) Classification: Unproductive Vulnerability: Unproductive Bedrock Aquifer, Unproductive Superficial Aquifer Combined Aquifer: High Pollutant Speed: Mixed Bedrock Flow: 300-550 mm/year Dilution: >70% Baseflow Index: >90% Superficial: 3-10m Patchiness: High Superficial Thickness: High Superficial Recharge:	A13SE (S)	0	5	512155 178804
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (S)	0	5	512155 178804
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (S)	0	5	512155 178804
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
25	OS Water Network Lines Watercourse Form: Canal Watercourse Length: 2778.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Grand Union Canal Catchment Name: Thames Primacy: 1	A13SW (S)	249	6	512143 178545
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Lower Brent WaterBody ID: GB106039023590 Operational: Brent Rivers and Lakes Catchment: London Management: London Catchment: London Catchment Name: Brent	A13SE (S)	0	2	512155 178804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Yeading Brook WaterBody ID: GB106039023051 Operational Catchment: Crane Rivers and Lakes Management: London Catchment Name: Crane Valley	A17SE (NW)	721	2	511530 179180
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Crane WaterBody ID: GB106039023030 Operational Catchment: Crane Rivers and Lakes Management: London Catchment Name: Crane Valley	A7NE (SW)	838	2	511560 178200
	Water Framework Directive - Groundwater Waterbody Name: Lower Thames Gravels Waterbody ID: GB40603G000300 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40603G000300 Overall Rating: Poor Chemical Rating: Good Quantitative Measure: Poor Year: 2019	A13SE (S)	0	2	512155 178804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	Historical Landfill Sites Licence Holder: Not Supplied Location: North Hyde, Southall, Hounslow, London Name: Convent Way Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11066 First Input Date: 31st December 1913 Last Input Date: 31st December 1934 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5540/0083 BGS Ref: Not Supplied Other Ref: 8HO079	A13SW (SW)	279	2	512027 178548
27	Historical Landfill Sites Licence Holder: Crown Golf Ltd Location: Southall Lane, Hounslow, Middlesex Name: Airlinks, Hounslow Operator Location: Oakfield Grove, Bristol, Clifton, Avon Boundary Accuracy: As Supplied Provider Reference: EAHLD35598 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 80029 Regis Ref: TE1/L/EXG001 WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A8NW (SW)	517	2	511848 178377
28	Historical Landfill Sites Licence Holder: London Borough of Ealing Location: Havelock Road, Southall Name: Dairy Meadow Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11358 First Input Date: Not Supplied Last Input Date: 31st December 1920 Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5270/0005 BGS Ref: Not Supplied Other Ref: 8EA009, EAL009	A19SW (NE)	816	2	512778 179347
29	Historical Landfill Sites Licence Holder: London Borough of Ealing Location: The Straight, Southall Name: Southall Gas Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD11360 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 5270/0004 BGS Ref: Not Supplied Other Ref: 8EA012, EAL012	A18NW (N)	865	2	511848 179625
30	Licensed Waste Management Facilities (Landfill Boundaries) Name: Airlinks Licence Number: 80029 Location: Ex-Golf Ltd, Airlinks Golf Course, Southall Lane, Hounslow, Middlesex, TW5 9PE Licence Holder: Crown Golf T/A Ex-Golf Ltd Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 7th September 1993 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A8NW (SW)	516	2	511853 178375

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	Licensed Waste Management Facilities (Locations) Licence Number: 80028 Location: Southall Waste & Recycling Centre, Gordon Road, Southall, Middlesex, UB2 5QE Operator Name: EALING LONDON BOROUGH COUNCIL Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 9th March 1995 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 9th March 1995 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (E)	314	2	512458 178692
32	Licensed Waste Management Facilities (Locations) Licence Number: 403393 Location: 56 Sussex Road, Southall, London, UB2 5EU Operator Name: CIRCULAR WAY LIMITED Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Physical Treatment Facilities Licence Status: Surrendered Issued: 16th August 2016 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 16th August 2016 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	495	2	511890 179235
33	Licensed Waste Management Facilities (Locations) Licence Number: 80029 Location: Airlinks Golf Course, Southall Lane, Hounslow, Middlesex, TW5 9PE Operator Name: CROWN GOLF LIMITED Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) Licence Status: Revoked Issued: 7th September 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	799	2	511743 178110
34	Licensed Waste Management Facilities (Locations) Licence Number: 400090 Location: Airlinks Golf Club, Southall Lane, Hounslow, London, TW5 9PE Operator Name: OAKLAND GOLF AND LEISURE LTD Operator Location: Not Supplied Authority: Environment Agency - Thames Region, North East Area Site Category: Use of waste in a deposit for recovery op Licence Status: Issued Issued: 8th November 2013 Last Modified: 8th November 2013 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	828	2	511772 178061
	Local Authority Landfill Coverage Name: London Borough of Ealing - Has supplied landfill data		0	7	512155 178804
	Local Authority Landfill Coverage Name: London Borough of Hounslow - Has no landfill data to supply		255	4	512159 178539

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	Local Authority Recorded Landfill Sites Location: The Straight Reference: Not Supplied Authority: London Borough of Ealing Last Reported Status: Unknown Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Unknown Boundary Quality: Not Applicable	A18NW (N)	881	7	512040 179688
36	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A13SE (SE)	330	-	512411 178580
37	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A13SE (SE)	347	-	512328 178490
38	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A18SW (N)	395	-	512003 179181
39	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A18SW (N)	609	-	512116 179423
40	Potentially Infilled Land (Non-Water) Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A14NW (E)	619	-	512763 178974
41	Potentially Infilled Land (Non-Water) Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A7NE (SW)	631	-	511617 178455
42	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A9NW (SE)	637	-	512651 178388
43	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A17SE (NW)	670	-	511609 179208
44	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A19SE (NE)	890	-	512856 179370
45	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A18NW (N)	895	-	511977 179692
46	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A18NE (N)	910	-	512238 179721
47	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1995	A8SW (S)	915	-	511882 177922
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A13NE (N)	17	-	512163 178828
49	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A13SW (SW)	294	-	511999 178546
50	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A18SW (N)	390	-	512048 179191

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1881	A8NW (S)	413	-	512072 178391
52	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A13SW (SW)	452	-	511839 178467
53	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A12SE (SW)	480	-	511753 178522
54	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A12SE (SW)	521	-	511667 178591
55	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A12SE (W)	680	-	511489 178621
56	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A12SW (W)	778	-	511383 178640
57	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1868	A17NE (NW)	880	-	511712 179577
58	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1932	A9SW (SE)	941	-	512809 178113
59	Registered Landfill Sites Licence Holder: Central Area Redev. Enterprises Ltd Licence Reference: DI482 Site Location: Airlinks Golf Course, Southall Lane, HOUNSLOW, Middlesex, TW5 9PE Licence Easting: 511700 Licence Northing: 178200 Operator Location: 24 Hanover Square, LONDON, Greater London, W1R 9DD Authority: Environment Agency - Thames Region, North East Area Site Category: Landfill - with treatment Max Input Rate: Very Large (Equal to or greater than 250,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Site Closed Dated: 7th September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Hardcore, Brickwork, Stone, Concrete Max.Waste Permitted By Licence Sub/Topsoil, Clay, Sand Prohibited Waste: Clinical - As In Coll/Disp.Reg's Of '88 Special Wastes Waste N.O.S.	A7NE (SW)	747	2	511700 178200
60	Registered Waste Transfer Sites Licence Holder: L.B. of Ealing Licence Reference: DL154 Site Location: Adelaide Depot, Gordon Road, Ealing, London Operator Location: 24 Uxbridge Road, EALING, London, W5 2BP Authority: Environment Agency - Thames Region, North East Area Site Category: Civic Amenity - with transfer Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: 1st December 1983 Preceded By: Not Given Licence: Superseded By: DL154 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity Waste Prohibited Waste: Clinical Wastes Notifiable Wastes Special Wastes	A13SE (SE)	308	2	512430 178646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Registered Waste Transfer Sites Licence Holder: Ealing L.B.C. Licence Reference: DL154 Site Location: Southall Waste & Recycling Centre, Gordon Road, SOUTHALL, Middlesex, UB2 5QE Operator Location: 24 Uxbridge Road, EALING, London, W5 2BP Authority: Environment Agency - Thames Region, North East Area Site Category: Civic Amenity - with transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 9th March 1995 Preceded By: DL154 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Lwra Cat. A = Inert Wastes Lwra Cat. Bi Gen.Non-Putresc Most Lwra Cat. C 'Putresc' Some Lwra Cat Bii Gen. Scrap Metal W. Used Engine Oil Prohibited Waste: Clinical - As In Coll/Disp.Reg's Of '88 Special Wastes Waste N.O.S.	A13SE (SE)	310	2	512430 178641
61	Registered Waste Transfer Sites Licence Holder: L.B. of Ealing Licence Reference: DL041 Site Location: Adelaide Depot, Endsleigh Road, Southall, Middlesex Operator Location: 24 Uxbridge Road, EALING, London, W5 2BP Authority: Environment Agency - Thames Region, North East Area Site Category: Transfer Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st August 1978 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Civic Amenity/Refuse Amenity Waste Prohibited Waste: Clinical Wastes Notifiable Wastes Special Wastes	A14SW (E)	355	2	512520 178780

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	Planning Hazardous Substance Consents Name: National Grid Gas Location: The Straight, Southall Holder Station, SOUTHALL, Middlesex, UB1 1QY Authority: London Borough of Ealing Application Ref: P/2002/0593 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 13th March 2002 Decision: New application granted conditionally Granted Positional Accuracy: Manually positioned to the address or location	A17NE (N)	953	7	511800 179700
62	Planning Hazardous Substance Consents Name: National Grid Gas Location: The Straight, Southall Holder Station, SOUTHALL, Middlesex, UB1 1QY Authority: London Borough of Ealing Application Ref: P/2001/2879 Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 0 Application date: 17th August 2001 Decision: Deemed Consent Granted Granted Positional Accuracy: Manually positioned to the address or location	A17NE (N)	953	7	511800 179700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	A13SE (S)	0	1	512155 178804
	BGS Estimated Soil Chemistry No data available				
63	BGS Recorded Mineral Sites Site Name: Norwood Court Brick Field Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232599 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	485	1	512570 178535
64	BGS Recorded Mineral Sites Site Name: Southall Green Brick Field Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232596 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	549	1	511901 179303
65	BGS Recorded Mineral Sites Site Name: North Hyde Brick Field Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232598 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	594	1	511667 178448
66	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232497 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	611	1	512004 178203
67	BGS Recorded Mineral Sites Site Name: Southall Green Brick Fields Location: Southall Green, Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255054 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	652	1	512600 179295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	BGS Recorded Mineral Sites Site Name: North Hyde Brick Field Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232597 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	668	1	511561 178475
69	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232488 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	688	1	511802 178204
69	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255043 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	688	1	511802 178204
70	BGS Recorded Mineral Sites Site Name: Southall Brick Works Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232592 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NE (N)	716	1	512161 179530
71	BGS Recorded Mineral Sites Site Name: Southall Green Brick Fields Location: Southall Green, Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255055 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	745	1	512755 179265
72	BGS Recorded Mineral Sites Site Name: Haydock Lane Brick Works Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232601 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NE (E)	776	1	512914 179016

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232489 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	779	1	511645 178203
73	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255044 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	779	1	511645 178203
74	BGS Recorded Mineral Sites Site Name: Haydock Lane Brick Works Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232600 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NE (E)	791	1	512901 179101
75	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232492 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	839	1	511510 178252
75	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255047 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	839	1	511510 178252
76	BGS Recorded Mineral Sites Site Name: Heston Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19691 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	841	1	512270 177960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
76	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255034 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SE (S)	841	1	512270 177960
77	BGS Recorded Mineral Sites Site Name: Heston Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 19692 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	857	1	511985 177955
77	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255035 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	857	1	511985 177955
78	BGS Recorded Mineral Sites Site Name: Southall Green Loam Pits Location: Southall Green, Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255056 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	868	1	512690 179500
79	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232495 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	890	1	511378 178349
79	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255050 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	890	1	511378 178349

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
80	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232484 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	911	1	511896 177922
80	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255039 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SW (S)	911	1	511896 177922
81	BGS Recorded Mineral Sites Site Name: North Hyde Brick Fields Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232486 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A7SE (S)	927	1	511797 177941
81	BGS Recorded Mineral Sites Site Name: Heston Airfield Gravel Workings Location: North Hyde, Hounslow, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 255041 Type: Opencast Status: Ceased Operator: Feltham Sand & Gravel Co. Operator Location: Not Supplied Periodic Type: Wolstonian Geology: Lynch Hill Gravel Member (River Thames Gravel) Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7SE (S)	927	1	511797 177941
82	BGS Recorded Mineral Sites Site Name: Southall Green Brick Field Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232595 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	953	1	511317 179275
83	BGS Recorded Mineral Sites Site Name: Southall Brick Field Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232589 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NW (N)	970	1	511960 179765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	BGS Recorded Mineral Sites Site Name: Southall Brick Field Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232588 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NW (N)	985	1	511841 179749
85	BGS Recorded Mineral Sites Site Name: Southall Brick Field Location: Southall, Middlesex Source: British Geological Survey, National Geoscience Information Service Reference: 232591 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary, Devensian Geology: Langley Silt Member Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A18NE (N)	993	1	512207 179806
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512303, 178797 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 27.60 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 71.30 mg/kg Concentration: Lead Measured 509.90 mg/kg Concentration: Nickel Measured 41.40 mg/kg Concentration:	A13SE (E)	137	1	512303 178797
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 511764, 178724 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.00 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 68.40 mg/kg Concentration: Lead Measured 199.30 mg/kg Concentration: Nickel Measured 28.70 mg/kg Concentration:	A12SE (W)	388	1	511764 178724
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512252, 179227 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 21.70 mg/kg Concentration: Cadmium Measured 1.60 mg/kg Concentration: Chromium Measured 68.20 mg/kg Concentration: Lead Measured 1152.50 mg/kg Concentration: Nickel Measured 29.10 mg/kg Concentration:	A18SE (N)	425	1	512252 179227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512245, 178324 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 12.90 mg/kg Concentration: Cadmium Measured 0.40 mg/kg Concentration: Chromium Measured 71.90 mg/kg Concentration: Lead Measured 151.00 mg/kg Concentration: Nickel Measured 20.90 mg/kg Concentration:	A8NE (S)	478	1	512245 178324
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 511768, 179237 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.10 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 65.00 mg/kg Concentration: Lead Measured 189.00 mg/kg Concentration: Nickel Measured 23.50 mg/kg Concentration:	A17SE (NW)	570	1	511768 179237
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512760, 179187 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 20.10 mg/kg Concentration: Cadmium Measured 1.10 mg/kg Concentration: Chromium Measured 81.40 mg/kg Concentration: Lead Measured 318.50 mg/kg Concentration: Nickel Measured 34.40 mg/kg Concentration:	A19SW (NE)	705	1	512760 179187
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512874, 178667 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 17.80 mg/kg Concentration: Cadmium Measured 0.70 mg/kg Concentration: Chromium Measured 72.10 mg/kg Concentration: Lead Measured 234.80 mg/kg Concentration: Nickel Measured 24.80 mg/kg Concentration:	A14SE (E)	722	1	512874 178667
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 511683, 178242 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 22.20 mg/kg Concentration: Cadmium Measured 3.20 mg/kg Concentration: Chromium Measured 132.50 mg/kg Concentration: Lead Measured 292.70 mg/kg Concentration: Nickel Measured 57.90 mg/kg Concentration:	A7NE (SW)	725	1	511683 178242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512790, 178320 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 18.00 mg/kg Concentration: Cadmium Measured 0.50 mg/kg Concentration: Chromium Measured 74.60 mg/kg Concentration: Lead Measured 172.30 mg/kg Concentration: Nickel Measured 32.90 mg/kg Concentration:	A9NW (SE)	788	1	512790 178320
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 511299, 178715 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 19.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 73.10 mg/kg Concentration: Lead Measured 773.80 mg/kg Concentration: Nickel Measured 30.50 mg/kg Concentration:	A12SW (W)	850	1	511299 178715
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 511859, 179638 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 31.70 mg/kg Concentration: Cadmium Measured 0.60 mg/kg Concentration: Chromium Measured 67.30 mg/kg Concentration: Lead Measured 249.30 mg/kg Concentration: Nickel Measured 46.90 mg/kg Concentration:	A18NW (N)	874	1	511859 179638
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512616, 179610 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 38.20 mg/kg Concentration: Cadmium Measured 1.30 mg/kg Concentration: Chromium Measured 83.70 mg/kg Concentration: Lead Measured 993.90 mg/kg Concentration: Nickel Measured 56.20 mg/kg Concentration:	A19NW (NE)	920	1	512616 179610
	BGS Measured Urban Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Grid: 512272, 179732 Soil Sample Type: Topsoil Sample Area: London Arsenic Measured 39.20 mg/kg Concentration: Cadmium Measured 1.20 mg/kg Concentration: Chromium Measured 79.80 mg/kg Concentration: Lead Measured 335.30 mg/kg Concentration: Nickel Measured 64.00 mg/kg Concentration:	A18NE (N)	925	1	512272 179732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Urban Soil Chemistry Averages Source: British Geological Survey, National Geoscience Information Service Sample Area: London Count Id: 7209 Arsenic Minimum Concentration: 1.00 mg/kg Arsenic Average Concentration: 17.00 mg/kg Arsenic Maximum Concentration: 161.00 mg/kg Cadmium Minimum Concentration: 0.10 mg/kg Cadmium Average Concentration: 0.90 mg/kg Cadmium Maximum Concentration: 165.20 mg/kg Chromium Minimum Concentration: 13.00 mg/kg Chromium Average Concentration: 79.00 mg/kg Chromium Maximum Concentration: 2094.00 mg/kg Lead Minimum Concentration: 11.00 mg/kg Lead Average Concentration: 280.00 mg/kg Lead Maximum Concentration: 10000.00 mg/kg Nickel Minimum Concentration: 2.00 mg/kg Nickel Average Concentration: 28.00 mg/kg Nickel Maximum Concentration: 506.00 mg/kg	A13SE (S)	0	1	512155 178804
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	512155 178804

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	Contemporary Trade Directory Entries Name: Man Motors Location: 49 Montague Rd, Southall, Middlesex, UB2 5PD Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NW (N)	52	-	512149 178866
87	Contemporary Trade Directory Entries Name: Telenova Ltd Location: 144, Regina Road, Southall, Middlesex, UB2 5PP Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (S)	77	-	512138 178720
88	Contemporary Trade Directory Entries Name: Charcoal Cloths (International) Ltd Location: 81, Regina Road, Southall, Middlesex, UB2 5PW Classification: Clothing & Fabrics - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	84	-	512234 178856
89	Contemporary Trade Directory Entries Name: Autodex Ltd Location: 76, Adelaide Road, Southall, Middlesex, UB2 5PY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	111	-	512276 178827
90	Contemporary Trade Directory Entries Name: N G Crash Repairs Location: 40, Lea Road, Southall, Middlesex, UB2 5QA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	122	-	512222 178688
90	Contemporary Trade Directory Entries Name: D & P Autos Location: 44b, Lea Road, Southall, Middlesex, UB2 5QA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	122	-	512222 178688
90	Contemporary Trade Directory Entries Name: Autocraft Repair Location: 40, Lea Road, Southall, Middlesex, UB2 5QA Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	122	-	512222 178688
91	Contemporary Trade Directory Entries Name: P K Express Print Location: 55, Adelaide Road, Southall, Middlesex, UB2 5PY Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	162	-	512321 178857
92	Contemporary Trade Directory Entries Name: British Nova Works Ltd Location: 57-61, Lea Road, Southall, Middlesex, UB2 5QB Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	184	-	512275 178650
93	Contemporary Trade Directory Entries Name: R S Motors Location: 15, Montague Road, Southall, Middlesex, UB2 5PB Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (N)	193	-	512174 179006
94	Contemporary Trade Directory Entries Name: May Gurney Location: Gordon Rd, Southall, Middlesex, UB2 5QE Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SE (SE)	204	-	512346 178710
95	Contemporary Trade Directory Entries Name: P S B Engineering Ltd Location: 57-61, Lea Road, Southall, UB2 5QA Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	233	-	512296 178604

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
95	Contemporary Trade Directory Entries Name: Railway Network (International) Location: 57-61, Lea Road, Southall, Middlesex, UB2 5QA Classification: Railway Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	233	-	512296 178604
95	Contemporary Trade Directory Entries Name: Das Electricals Location: 57-61, Lea Road, Southall, Middlesex, UB2 5QA Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	233	-	512296 178604
95	Contemporary Trade Directory Entries Name: Moon Plastics Location: 57-61, Lea Road, Southall, Middlesex, UB2 5QA Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	233	-	512296 178604
95	Contemporary Trade Directory Entries Name: Radius Logistics Uk Ltd Location: 56, Canalside Gardens, Southall, Middlesex, UB2 5TJ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	243	-	512310 178603
96	Contemporary Trade Directory Entries Name: A Cleaning Contractors (London) Ltd Location: 1, The Common, Southall, Middlesex, UB2 5PJ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	240	-	512036 178587
96	Contemporary Trade Directory Entries Name: Cleaning Contractors London Ltd Location: 1, The Common, Southall, Middlesex, UB2 5PJ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	240	-	512036 178587
97	Contemporary Trade Directory Entries Name: White Swan Garage Location: 2a, Adelaide Road, Southall, UB2 5PX Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	240	-	512292 179012
97	Contemporary Trade Directory Entries Name: Auto Tyres Location: 13, Regina Road, Southall, Middlesex, UB2 5PL Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	250	-	512275 179033
98	Contemporary Trade Directory Entries Name: Norwood Road Tyres Location: Adelaide Road, Southall, Middlesex, UB2 5PX Classification: Tyre Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	257	-	512331 179006
99	Contemporary Trade Directory Entries Name: Paragon Precision Engineering Ltd Location: Unit A-b, Rear of 8-14, Norwood Road, Southall, Middlesex, UB2 4DL Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	297	-	512381 179013
99	Contemporary Trade Directory Entries Name: A To Z Print Co Location: Unit G, Rear Of, 8-14, Norwood Road, Southall, Middlesex, UB2 4DL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	297	-	512381 179013
99	Contemporary Trade Directory Entries Name: Metal Cut To Size Location: Unit D, Beverley Road, Southall, Middlesex, UB2 4EF Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (NE)	298	-	512399 178995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
187	Contemporary Trade Directory Entries Name: A R Sillett Location: 18, Havelock Road, Southall, Middlesex, UB2 4PD Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A19SE (NE)	997	-	513080 179207
188	Fuel Station Entries Name: White Swan Garage Location: Adelaide Road , Southall Green , Southall, Outer London, UB2 5PX Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A13NE (NE)	247	-	512303 179013
189	Fuel Station Entries Name: Western Road Service Station Location: 10-16, Western Road , Southall Green , Southall, Outer London, UB2 5DS Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A18SE (N)	450	-	512256 179252
190	Fuel Station Entries Name: Simba Service Station Location: 119-121, Norwood Road , Southall Green , Southall, Outer London, UB2 4DY Brand: Esso Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Approximate location provided by supplier	A14NW (E)	487	-	512650 178864
191	Fuel Station Entries Name: M4 Heston Moto Motorway Service Area Eastbound Location: M4 J2-3 , Heston , Hounslow, Outer London, TW5 9NB Brand: BP Premises Type: Service Area Status: Open Positional Accuracy: Manually positioned to the address or location	A8SW (S)	959	-	512087 177838
192	Points of Interest - Commercial Services Name: Man Motors Location: 49 Montague Road, Southall, UB2 5PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	51	8	512149 178866
192	Points of Interest - Commercial Services Name: Man Motors Location: 49 Montague Rd, Southall, Middlesex, UB2 5PD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NW (N)	52	8	512149 178866
193	Points of Interest - Commercial Services Name: Autodex Ltd Location: 76 Adelaide Road, Southall, UB2 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	111	8	512276 178827
193	Points of Interest - Commercial Services Name: Autodex Ltd Location: 76 Adelaide Road, Southall, UB2 5PY Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	111	8	512276 178827
194	Points of Interest - Commercial Services Name: Autocraft Repair Location: 40 Lea Road, Southall, UB2 5QA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	122	8	512222 178688
194	Points of Interest - Commercial Services Name: D & P Autos Location: 44b Lea Road, Southall, UB2 5QA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	122	8	512222 178688

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Points of Interest - Commercial Services Name: Autocraft Repair Location: 40 Lea Road, Southall, UB2 5QA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	123	8	512222 178688
194	Points of Interest - Commercial Services Name: D & P Autos Location: 44A Lea Road, Southall, UB2 5QA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	131	8	512213 178674
194	Points of Interest - Commercial Services Name: Brets Technical Services Location: Unit 3, Gordon Road, Southall, UB2 5QE Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	184	8	512275 178650
195	Points of Interest - Commercial Services Name: White Swan Garage Location: 2a Adelaide Road, Southall, UB2 5PX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	239	8	512291 179011
195	Points of Interest - Commercial Services Name: White Swan Location: Adelaide Road, Southall, UB2 5PX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (NE)	247	8	512304 179013
195	Points of Interest - Commercial Services Name: Classic Metal Works Ltd Location: 8-14 Norwood Rd, Southall, Middlesex, UB2 4DY Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NE (NE)	317	8	512380 179042
196	Points of Interest - Commercial Services Name: Metal Cut to Size Location: Unit D, Beverley Road, Southall, UB2 4EF Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A13NE (NE)	296	8	512399 178990
197	Points of Interest - Commercial Services Name: Sparks & Spray Location: 2 Salisbury Road, Southall, UB2 5QJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	299	8	512466 178812
197	Points of Interest - Commercial Services Name: E X Motors Location: 2 Salisbury Road, Southall, UB2 5QJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (E)	300	8	512466 178812
197	Points of Interest - Commercial Services Name: Rainbow Logistics Ltd Location: Unit 3 Endsleigh Industrial Estate, Endsleigh Road, Southall, UB2 5QR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	325	8	512491 178814
197	Points of Interest - Commercial Services Name: Rainbow Logistics Location: Unit 3 Endsleigh Industrial Estate, Endsleigh Road, Southall, UB2 5QR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (E)	325	8	512491 178814
197	Points of Interest - Commercial Services Name: Rainbow Logistics Location: Unit 3 Endsleigh Industrial Estate, Endsleigh Road, Southall, UB2 5QR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A14NW (E)	331	8	512497 178815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Points of Interest - Commercial Services Name: Finmore Co-operation Ltd Location: Unit 9a Beaver Industrial Park, Brent Road, Southall, UB2 5FB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	934	8	511368 179324
226	Points of Interest - Commercial Services Name: Nila Location: Unit 9b Beaver Industrial Park, Brent Road, Southall, UB2 5FB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	949	8	511348 179319
226	Points of Interest - Commercial Services Name: Tatab Ltd Location: Unit 9e Beaver Industrial Park, Brent Road, Southall, UB2 5FB Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A17SW (NW)	988	8	511297 179310
227	Points of Interest - Commercial Services Name: Deugro (UK) Ltd Location: Unit 1 Air Links Industrial Estate, Spitfire Way, Hounslow, TW5 9NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	982	8	511355 178217
227	Points of Interest - Commercial Services Name: Aquarius Air Freight Location: Unit 1-5 Air Links Industrial Estate, Spitfire Way, Hounslow, TW5 9NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	982	8	511355 178217
227	Points of Interest - Commercial Services Name: Ruby Freight Services Ltd Location: Unit 21 Air Links Industrial Estate, Spitfire Way, Hounslow, TW5 9NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	8	511354 178217
227	Points of Interest - Commercial Services Name: Prime Road International Ltd Location: Unit 5 Air Links Industrial Estate, Spitfire Way, Hounslow, TW5 9NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	8	511354 178217
227	Points of Interest - Commercial Services Name: Benco Freight Services Location: Airlinks Industrial Estate, Spitfire Way, Hounslow, TW5 9NR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	983	8	511354 178217
228	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	144	8	512310 178817
228	Points of Interest - Manufacturing and Production Name: Works Location: UB2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	145	8	512311 178817
228	Points of Interest - Manufacturing and Production Name: Alpha Marble & Granite Location: 67 Adelaide Road, Southall, UB2 5PY Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to address or location	A13NE (E)	158	8	512323 178826
229	Points of Interest - Manufacturing and Production Name: Factory Location: UB2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	A13SE (SE)	215	8	512302 178633

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
229	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	230	8	512299 178611
230	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	260	8	512425 178779
230	Points of Interest - Manufacturing and Production Name: Works Location: UB2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	260	8	512425 178779
231	Points of Interest - Manufacturing and Production Name: Works Location: UB2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	296	8	512394 178997
231	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	305	8	512393 179011
231	Points of Interest - Manufacturing and Production Name: Tank Location: UB2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (NE)	316	8	512395 179026
232	Points of Interest - Manufacturing and Production Name: Tank Location: UB2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NW (NW)	299	8	512027 179087
233	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	332	8	512111 179144
233	Points of Interest - Manufacturing and Production Name: Works Location: UB2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	332	8	512111 179144
234	Points of Interest - Manufacturing and Production Name: Endsleigh Industrial Estate Location: UB2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	353	8	512519 178799
234	Points of Interest - Manufacturing and Production Name: Endsleigh Industrial Estate Location: UB2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	361	8	512525 178773
235	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	374	8	511811 178971

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
262	Points of Interest - Public Infrastructure Name: A R Sillett Location: 18 Havelock Road, Southall, UB2 4PD Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19SE (NE)	997	8	513080 179207
263	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	223	8	511971 178661
263	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Stratford Road, UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	223	8	511971 178661
264	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	242	8	512322 178614
265	Points of Interest - Recreational and Environmental Name: Play Area Location: Burket Close, UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SE (SE)	326	8	512349 178528
265	Points of Interest - Recreational and Environmental Name: Play Area Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	328	8	512351 178527
266	Points of Interest - Recreational and Environmental Name: Play Area Location: UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (SE)	337	8	512474 178672
267	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Convent Way, UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A13SW (SW)	407	8	511888 178485
268	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	447	8	511851 179145
268	Points of Interest - Recreational and Environmental Name: Playground Location: Priory Way, UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (NW)	447	8	511851 179146
269	Points of Interest - Recreational and Environmental Name: Play Area Location: UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	480	8	512032 179279
270	Points of Interest - Recreational and Environmental Name: Playground Location: Convent Way, UB2 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NW (SW)	494	8	511871 178389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
277	Areas of Adopted Green Belt Authority: London Borough of Hounslow Plan Name: Proposal Map Status: Adopted Plan Date: 15th September 2015	A8NW (SW)	460	9	511952 178384

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
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	London Borough of Ealing - Environmental Health and Trading Standards Division Perceville House, 14-16 Uxbridge Way, London, W5 2HL	Telephone: 020 8579 2424 Fax: 020 8758 8214 Website: www.ealing.gov.uk
4	London Borough of Hounslow - Environmental Health Department Civic Centre, Lampton Road, Hounslow, Middlesex, TW3 4DN	Telephone: 020 8583 2000 Website: www.hounslow.gov.uk
5	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
6	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
7	London Borough of Ealing Perceville House, 14-16 Uxbridge Way, London, W5 2HL	Telephone: 020 8825 5000 Fax: 020 8758 8171 Website: www.ealing.gov.uk
8	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	London Borough of Hounslow Civic Centre, Lampton Road, Hounslow, Middlesex, TW3 4DN	Telephone: 020 8862 5970 Fax: 020 8862 5801 Website: www.hounslow.gov.uk
10	London Borough of Hillingdon Civic Centre, High Street, Uxbridge, Middlesex, UB8 1UW	Telephone: 01895 250111 Fax: 01895 250830 Website: www.hillingdon.gov.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	LASI	Langley Silt Member	Clay and Silt	Not Supplied - Devensian
	LHGR	Lynch Hill Gravel Member	Sand and Gravel	Not Supplied - Wolstonian
	TPGR	TAPLOW GRAVEL MEMBER	Sand and Gravel	Not Supplied - Wolstonian

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay and Silt	Not Supplied - Ypresian
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian



Geology 1:50,000 Maps

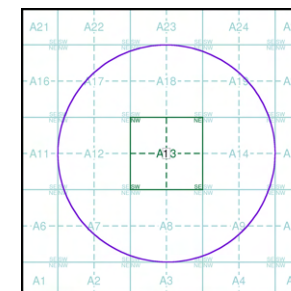
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	270
Map Name:	South London
Map Date:	1998
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number:	365228633_1_1
Customer Reference:	J24345
National Grid Reference:	512160, 178800
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

Recreation Road, SOUTHALL, UB2 5PE

Artificial Ground and Landslip

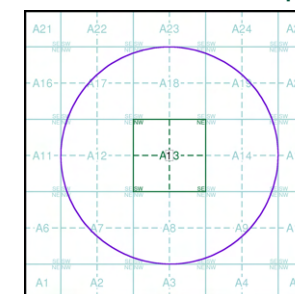
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A

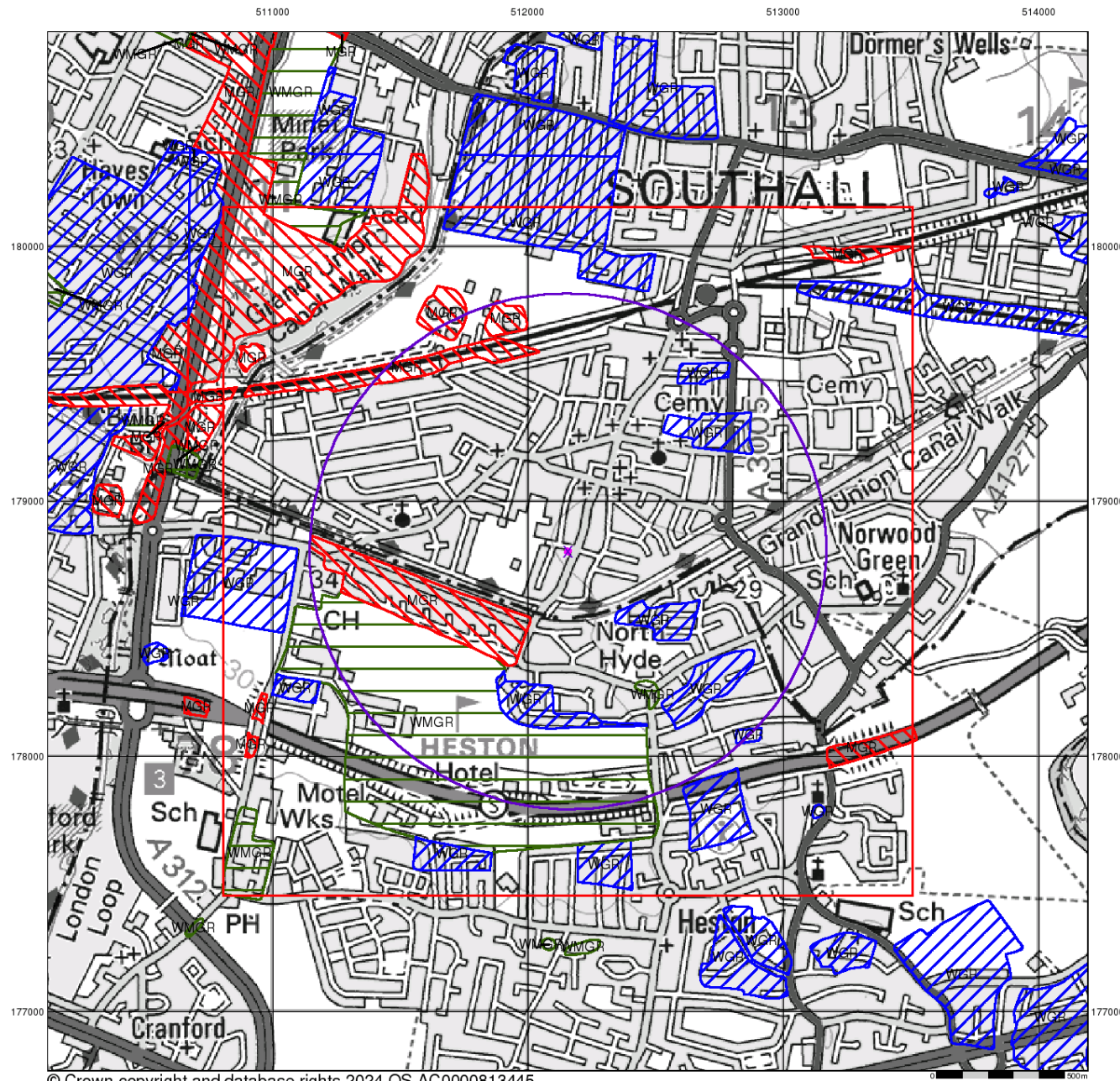


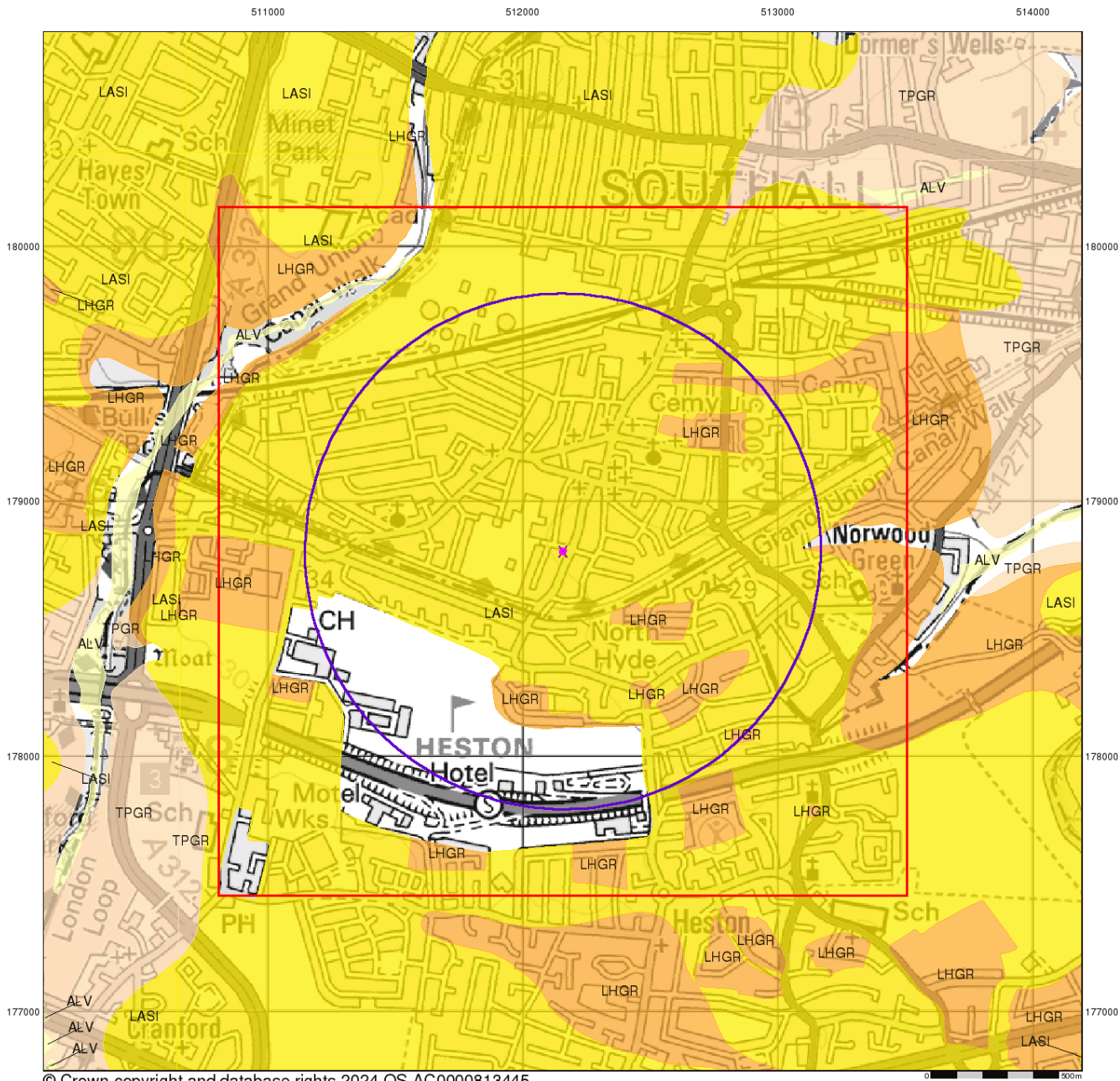
Order Details:

Order Number: 365228633_1_1
Customer Reference: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details:

Recreation Road, SOUTHALL, UB2 5PE





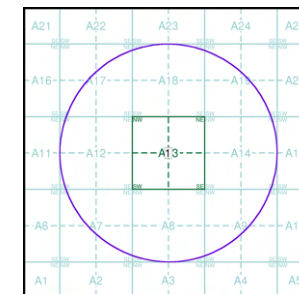
Superficial Geology

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

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

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

Superficial Geology Map - Slice A

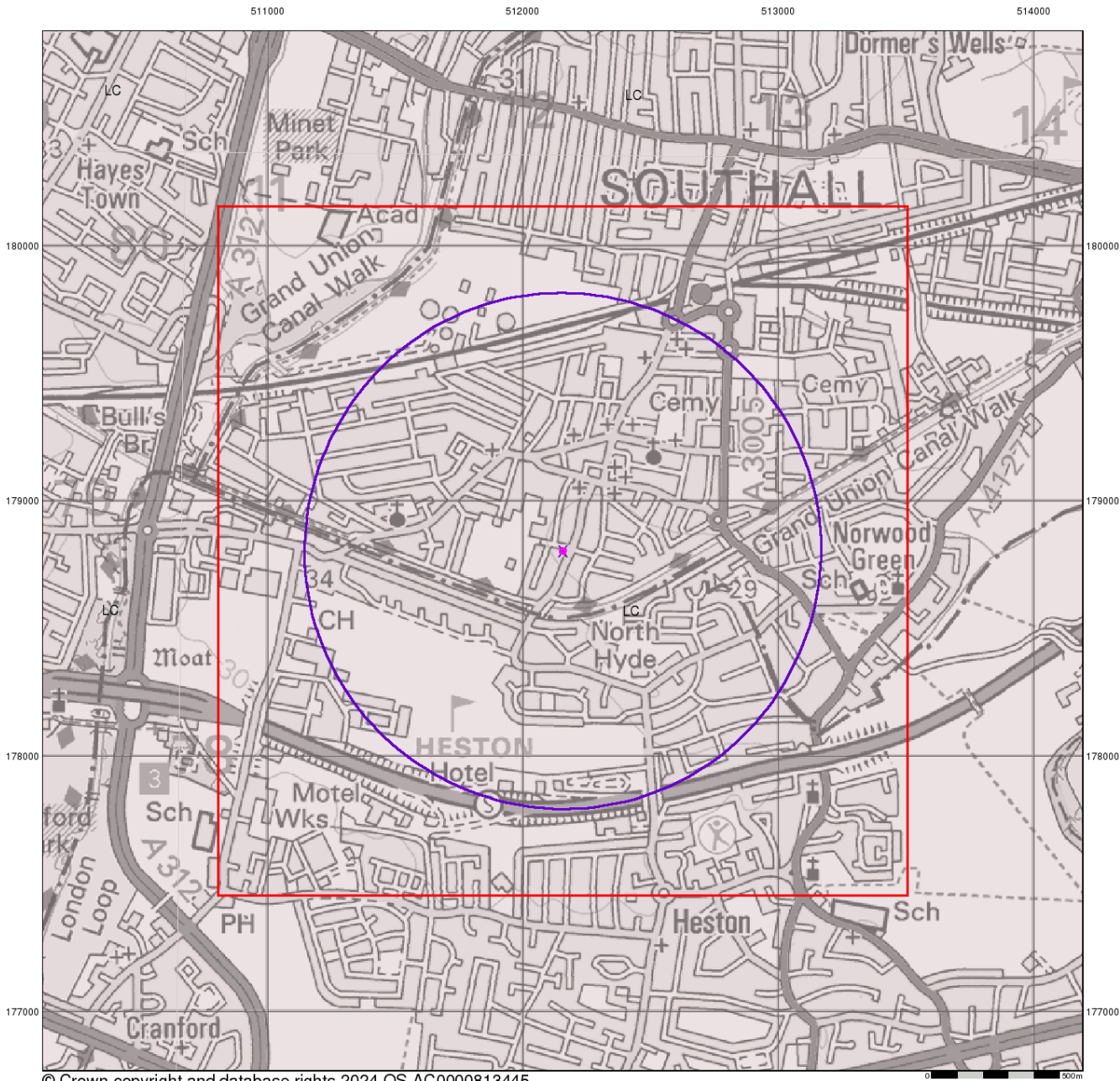


Order Details:

Order Number: 365228633_1_1
 Customer Reference: J24345
 National Grid Reference: 512160, 178800
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

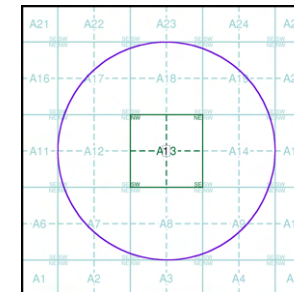
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

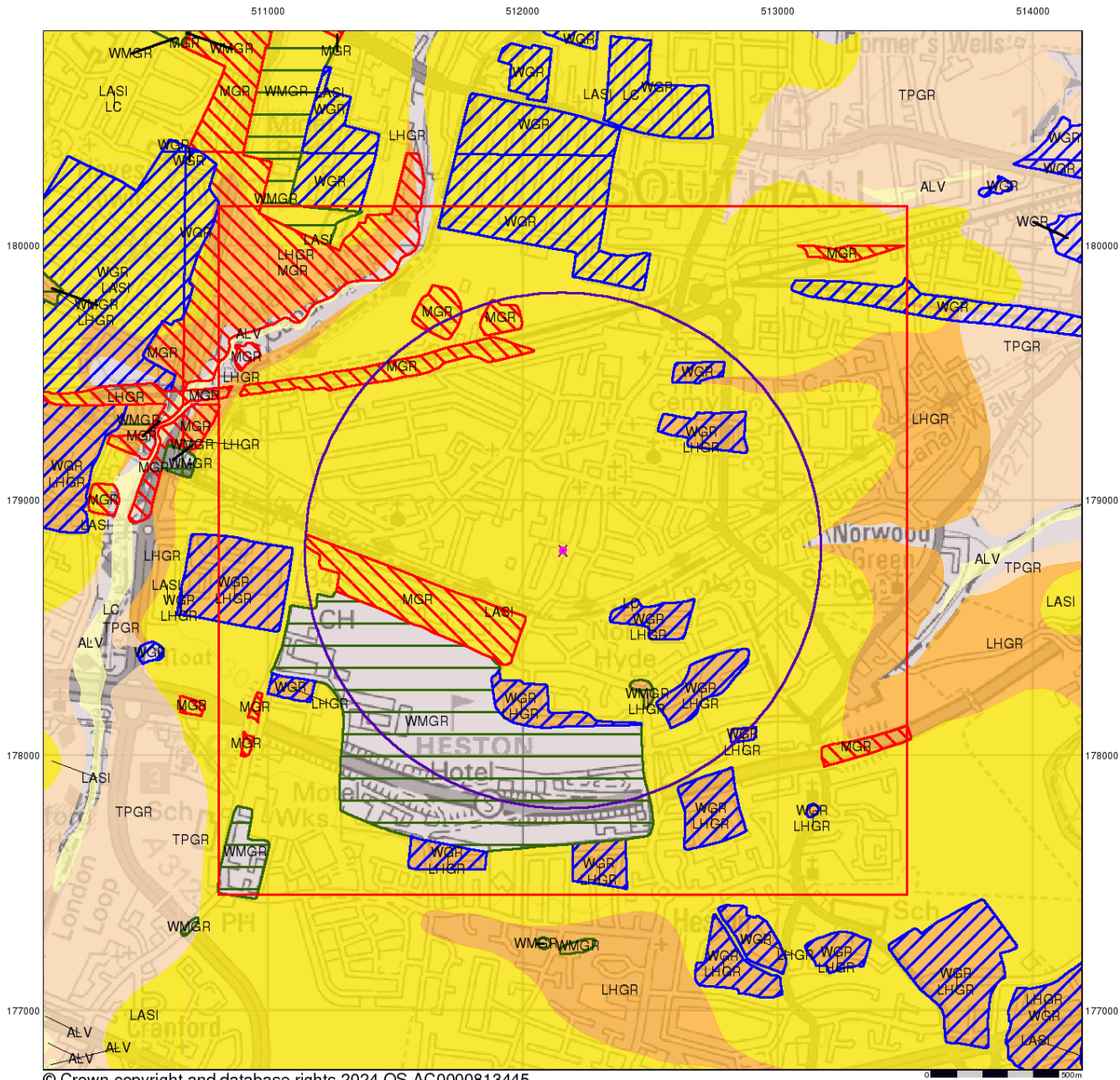
Order Number: 365228633_1_1
Customer Reference: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details:

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Landmark
INFORMATION GROUP

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Combined Surface Geology

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

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

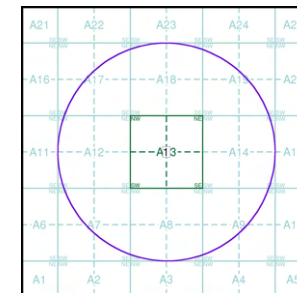
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

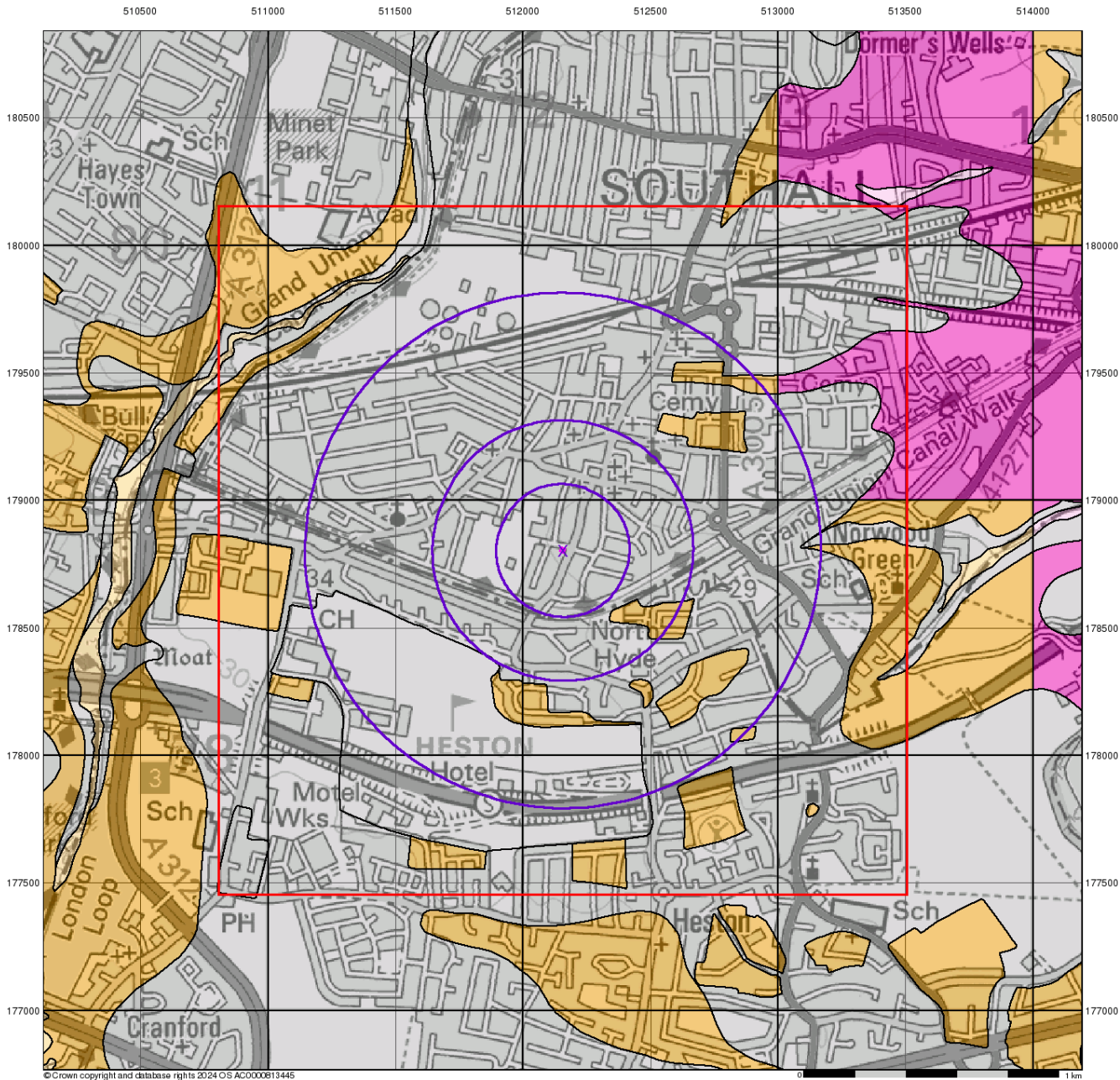
Order Number:	365228633_1_1
Customer Reference:	J24345
National Grid Reference:	512160, 178800
Slice:	A
Site Area (Ha):	0.03
Search Buffer (m):	1000

Site Details:

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Groundwater Vulnerability

General

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

Agency and Hydrological

Bedrock Aquifers

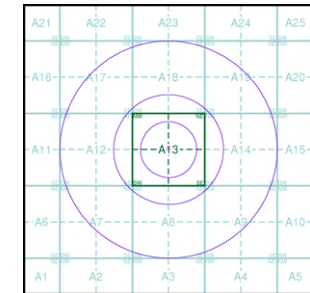
- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

- Unproductive Aquifer
- Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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0 1 km



Bedrock Aquifer Designation

General

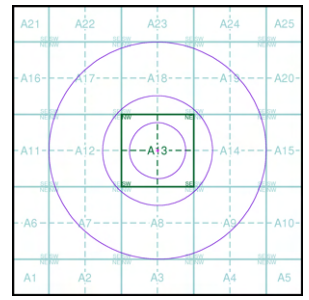
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

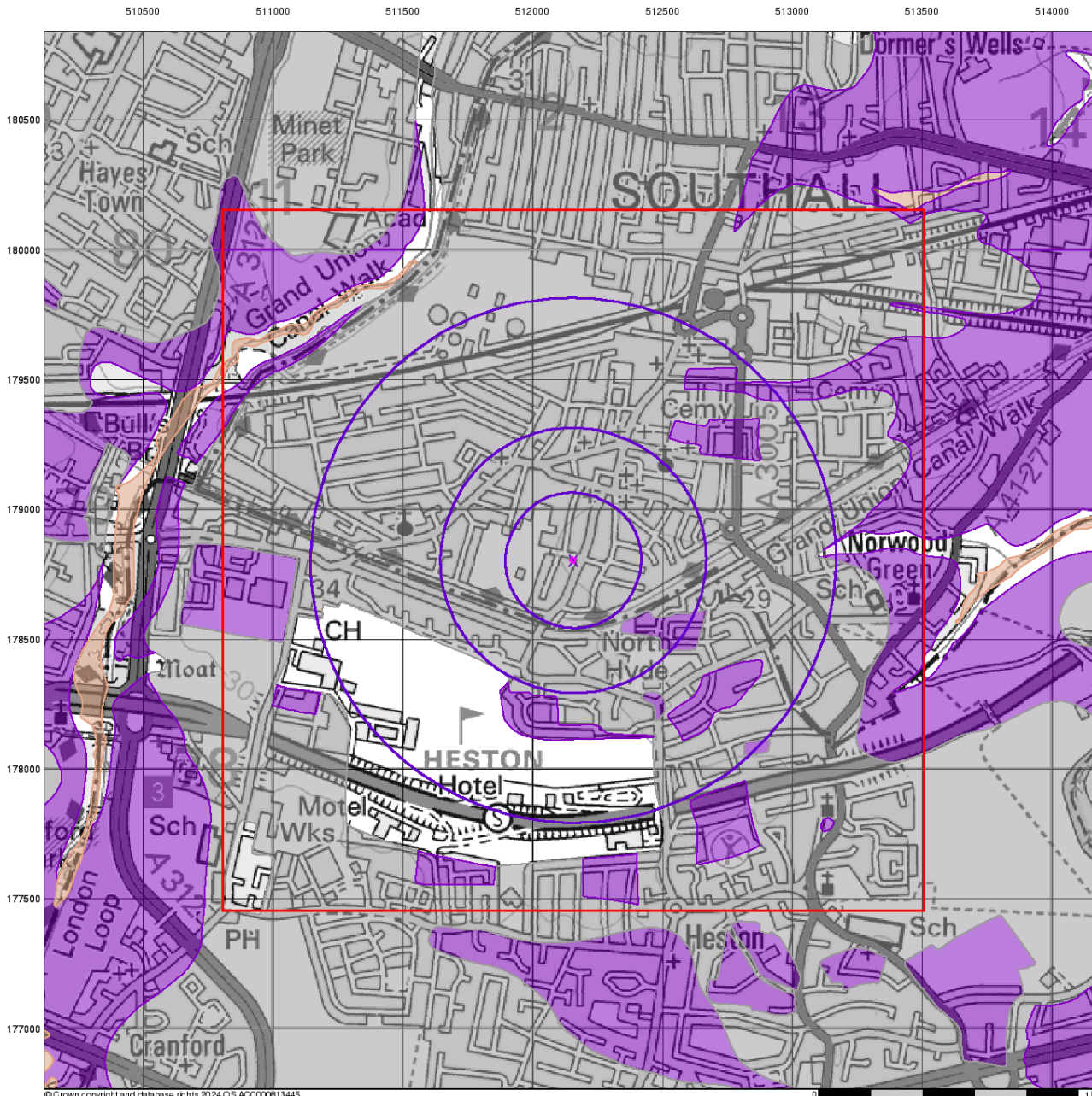
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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Superficial Aquifer Designation

General

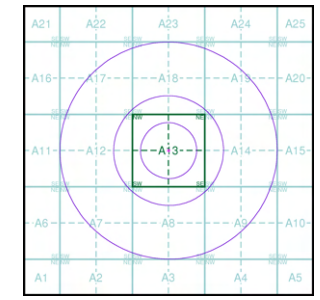
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

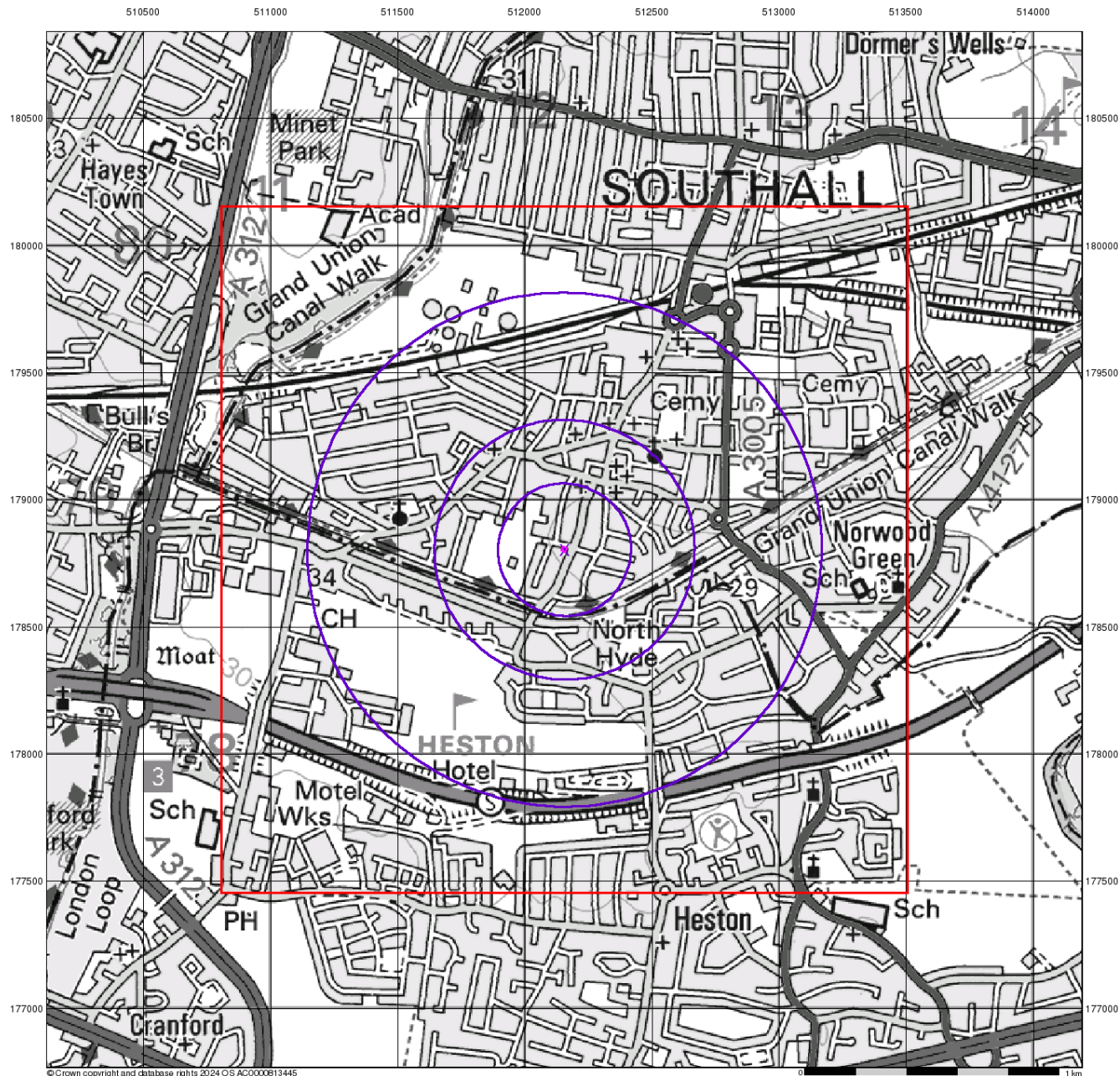
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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Source Protection Zones

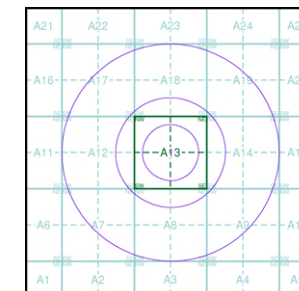
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

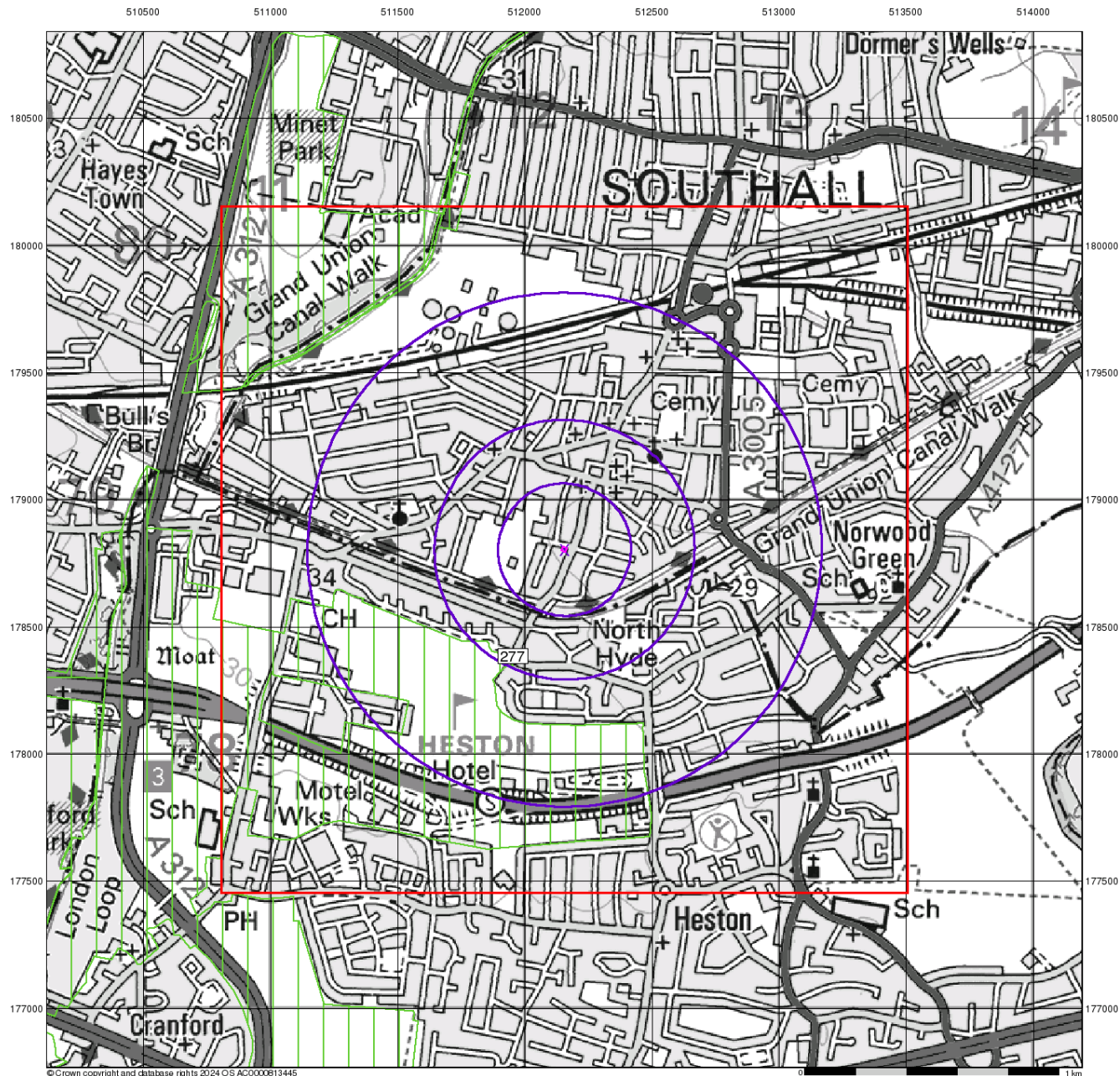
Order Number: 365228633_1_1
 Customer Ref: J24345
 National Grid Reference: 512160, 178800
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

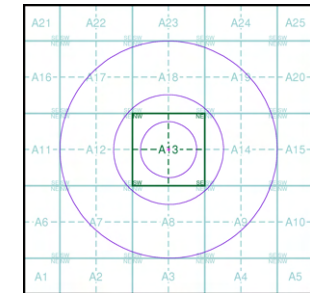
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A

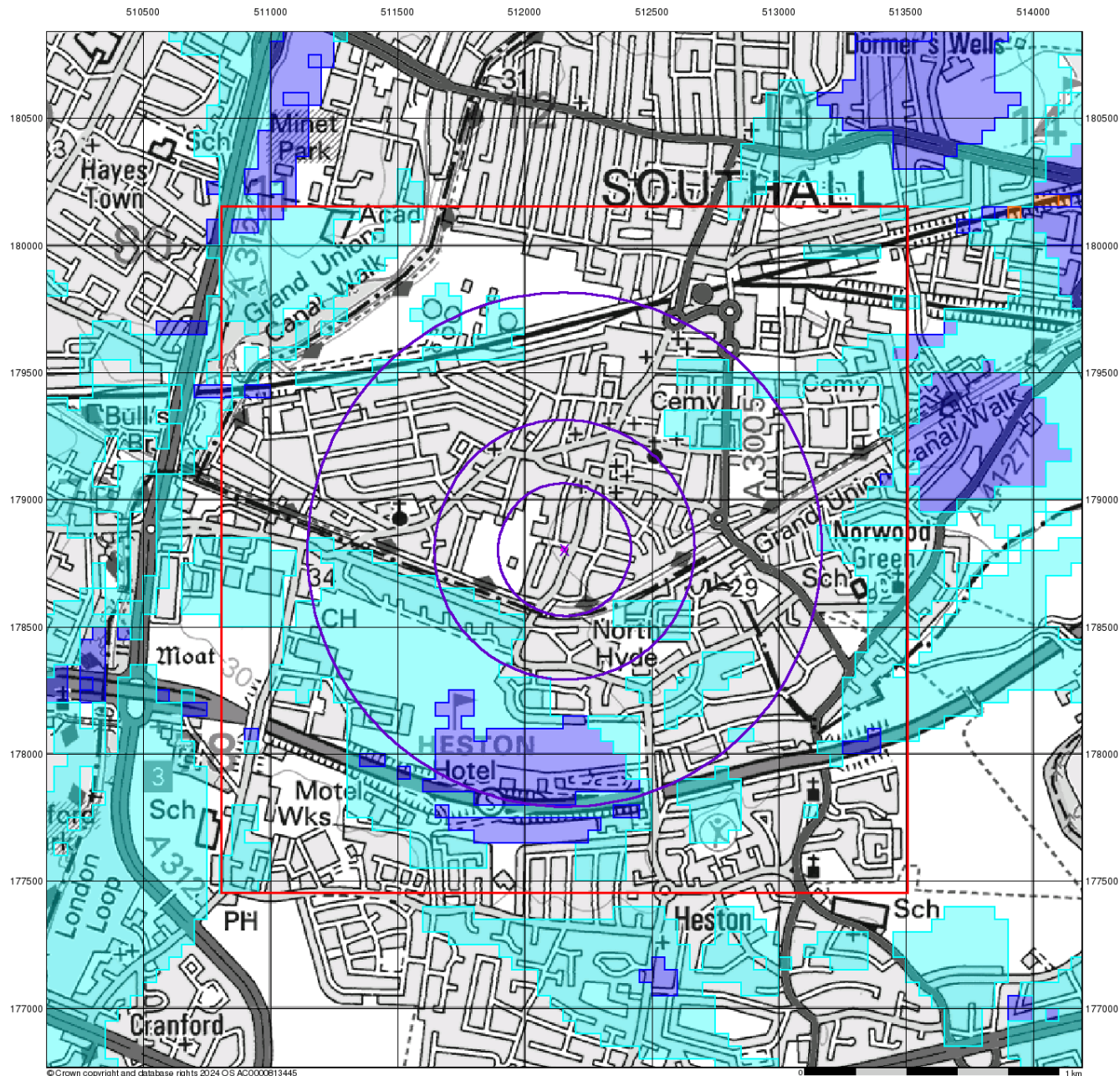


Order Details

Order Number: 365228633_1_1
 Customer Ref: J24345
 National Grid Reference: 512160, 178800
 Slice: A
 Site Area (Ha): 0.03
 Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



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BGS Flood GFS Data

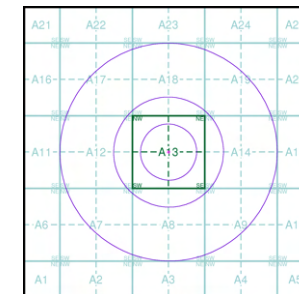
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

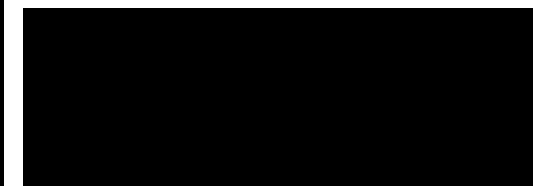
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



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General

Recorded Site Specified Buffer(s) Bearing Reference Point Map ID Survey

18 or Type of Location Survey

and Hydrological **Waste** **Agency**

and Register Entry or Notice BCS Recorded Landfill Site (Location) Contaminated L. (Location)

Register Entry or Notice BCS Recorded Landfill Site Contaminated Land (Location)

19 EA Historic Landfill (Buffered Area) Discharge Consent

EA Historic Landfill (Agency) Enforcement or Prohibition Notice

Integrated Pollution Control Registered Waste Site Integrated Pollution Control

20 Licensed Waste Management Facility (Landfill Authority) Integrated Pollution Prevention Control

Licensed Waste Management Facility (Location) Local Authority Integrated Pollution Prevention and Control

Local Authority Recorded Landfill Site (Location) Local Authority Pollution Prevention and Control

Local Authority Recorded Landfill Site Local Authority Pollution Prevention and Control Enforcement

21 Pollution Incident to Controlled Waters Potentially Infilled Land (Non-water)

Infilled Land (Non-water) Historical Prosecutions Potentially Infilled Land (Water)

22 Prosecutions Potentially Infilled Land (Water)

23 Registered Radioactive Substance Potentially Infilled Land (Water)

24 River Network or Water Feature Potentially Infilled Land (Water)

25 Substantiated Pollution Incident Register Potentially Infilled Land (Water)

Water Abstraction Registered Landfill Site

Water Industry Act Referral Registered Landfill Site (Location)

26 Registered Landfill Site (Point Buffered to 100m)

Registered Landfill Site (Point Buffered to 200m)

Hazardous Substances

COMAH Site Explosive Site Registered Waste Transfer Site (Location)

27 Registered Waste Transfer Site Airfall

Hazardous Substance Consent Registered Waste Treatment or Disposal Site (Location) Planning Hazard

Hazardous Substance Enforcement Registered Waste Treatment or Disposal Site Planning Hazard

28 BCS Recorded Mill

Geological

Site Sensitivity Map - Slice A

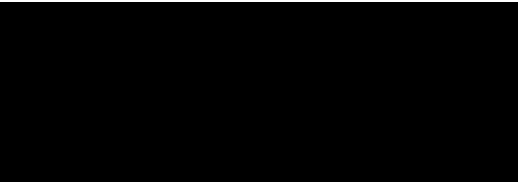


Order Details

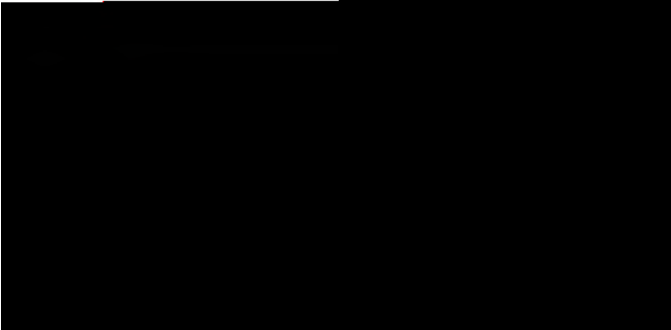
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Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

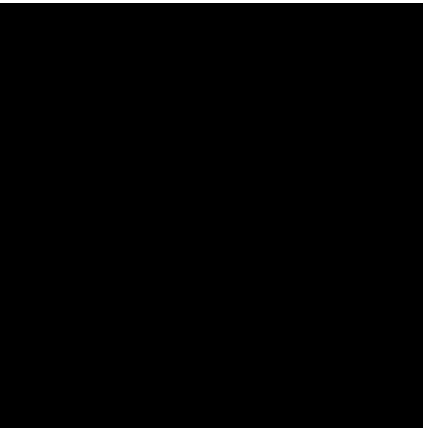
Recreation Road, SOUTHALL, UB2 5PE



Industrial Land Use Map



Industrial Land Use Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



General

- Site
- Buffer(s)
- Reference Point

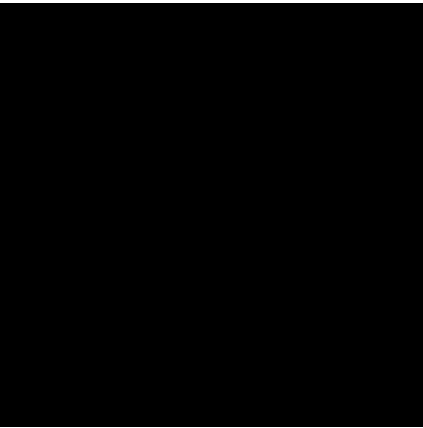
Hydrological (Flood)

- Rivers or Sea without Defences (Zone 2)
- without Defences (Zone 3)

Agency and Hydrology

- Extreme Flooding from Rivers or Sea
- Flooding from Rivers or Sea
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details
Recreation Road, SOUTHALL, UB2 5PE



General

Unlabeled Site

Buffer(s)

Reference Point

Location

Ge

Site

Specimen

Recovery Point

Map ID

Several of Type at Loc.

Geological (Boreholes)

Agency and Hydro

BGS Borehole Depth 0 - 10m

BGS Borehole Depth 10 - 30m

BGS Borehole Depth 30m +

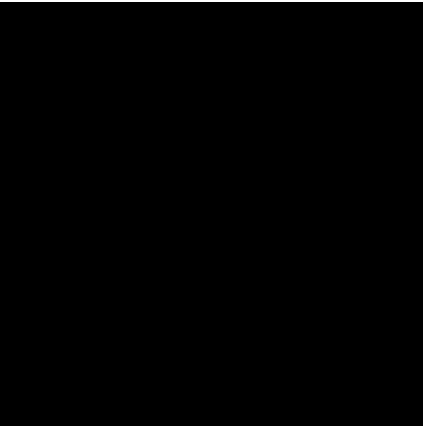
Confidential

Other

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

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

Borehole Map - Slice A

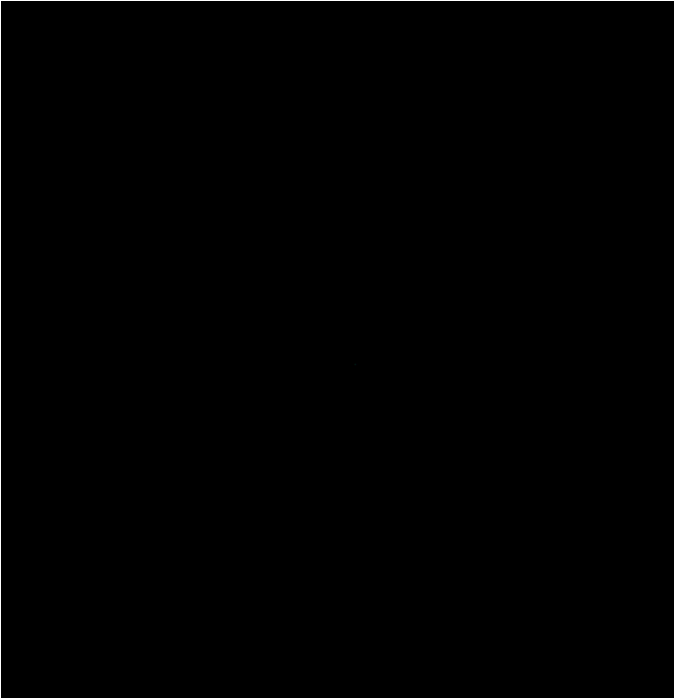
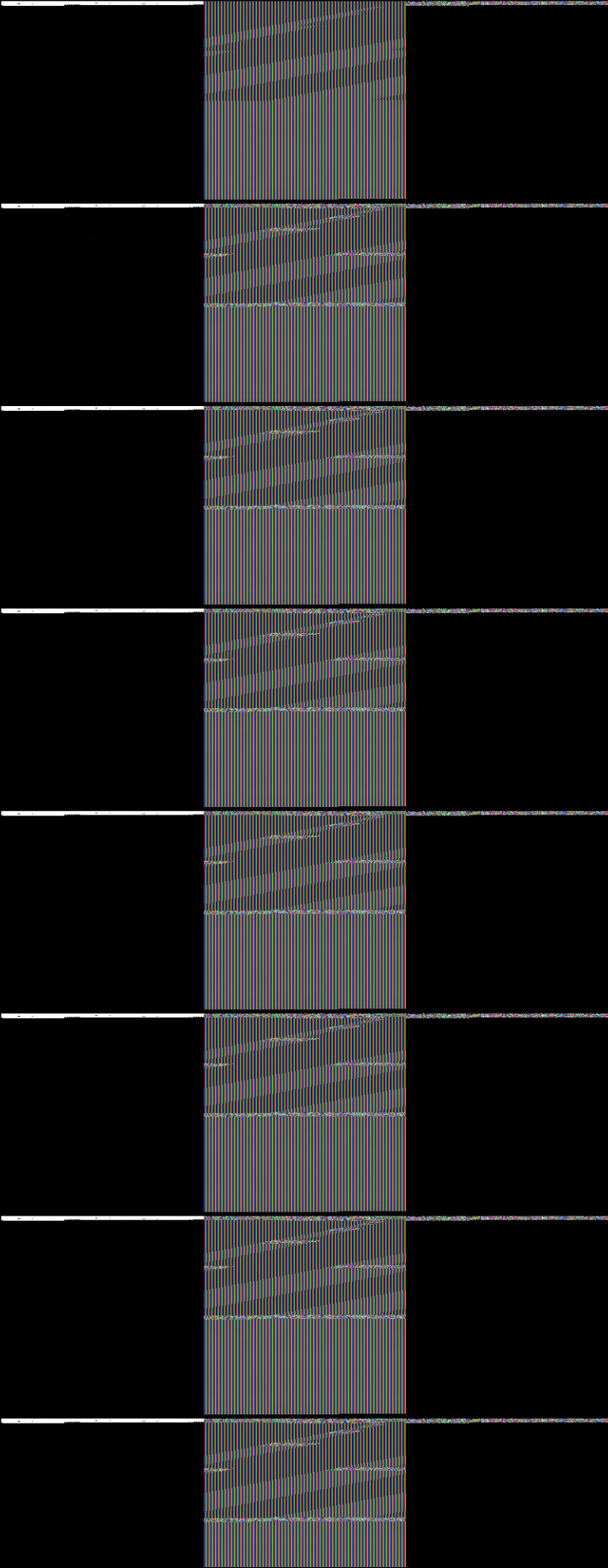


Order Details

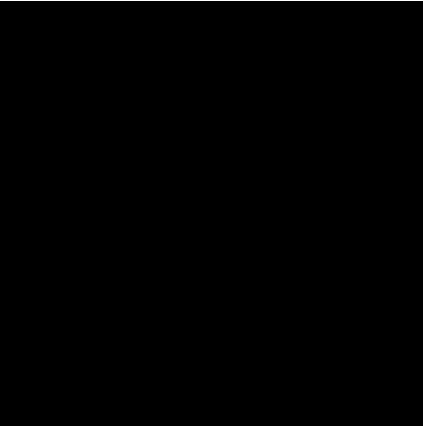
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



OS Water Network Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



Tel: 0844 844 9952
Fax: 0844 844 9951
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General
entire Site
Buffer(s)
reference Point

GA
Site
Specimen
Bearing Point

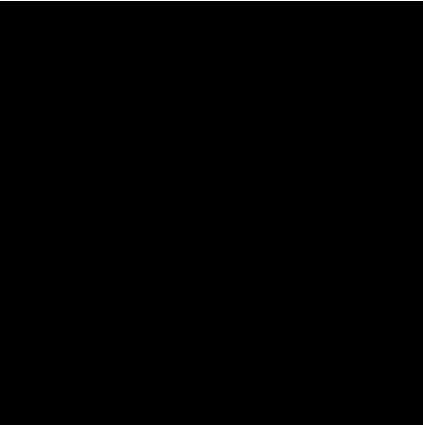
Risk from Surface Water
High - 30 Year Return
Medium - 100 Year Return
Low - 1000 Year Return

Risk of Flooding
High - 30 Year Return
Medium - 100 Year Return
Low - 1000 Year Return

Suitability
See the suitability map below
National to county
County to town
town to street
parcels of land

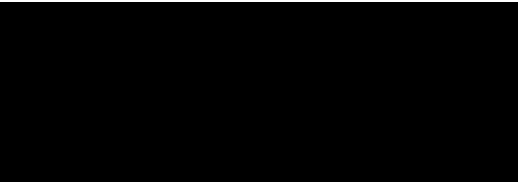
To
Street to
Property

EA/NRW Suitability Map - Slice A

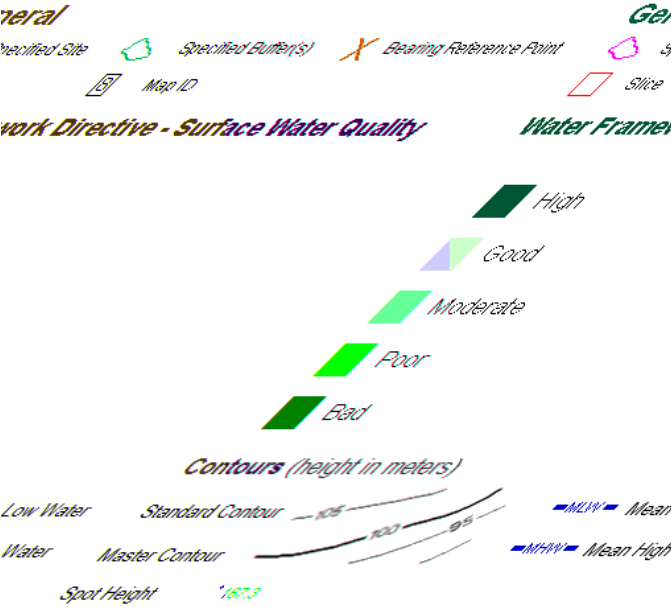


Order Details
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

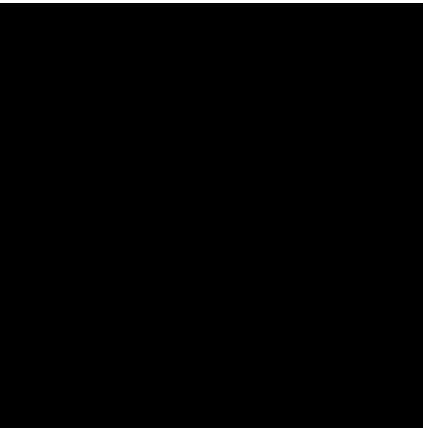
Site Details
Recreation Road, SOUTHALL, UB2 5PE



WFD Surface Waters Map



WFD Surface Waters Map - Slice A

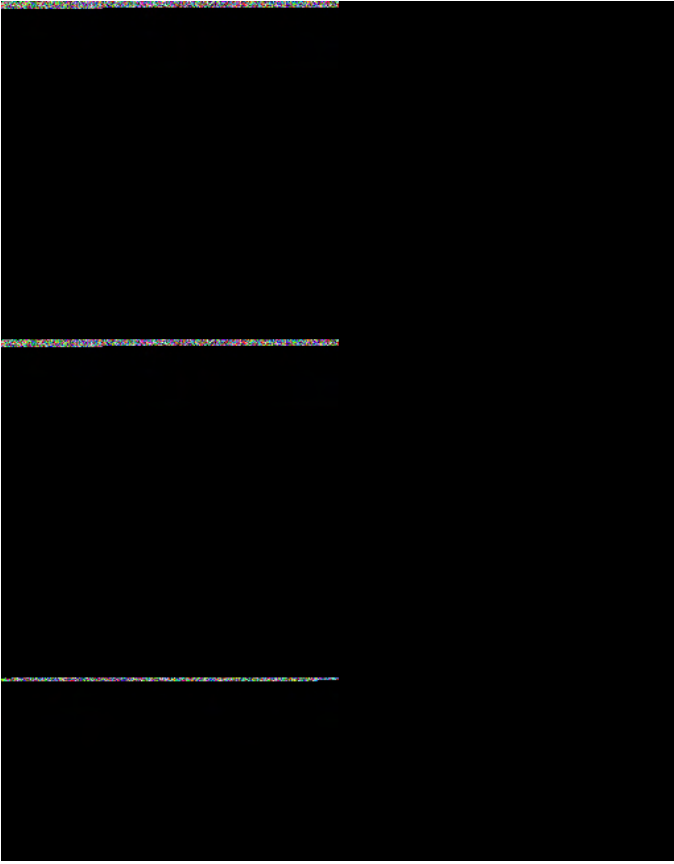


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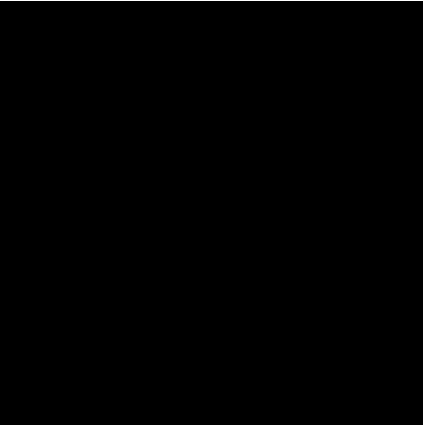
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Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



Site Sensitivity Map - Segment A13



Order Details

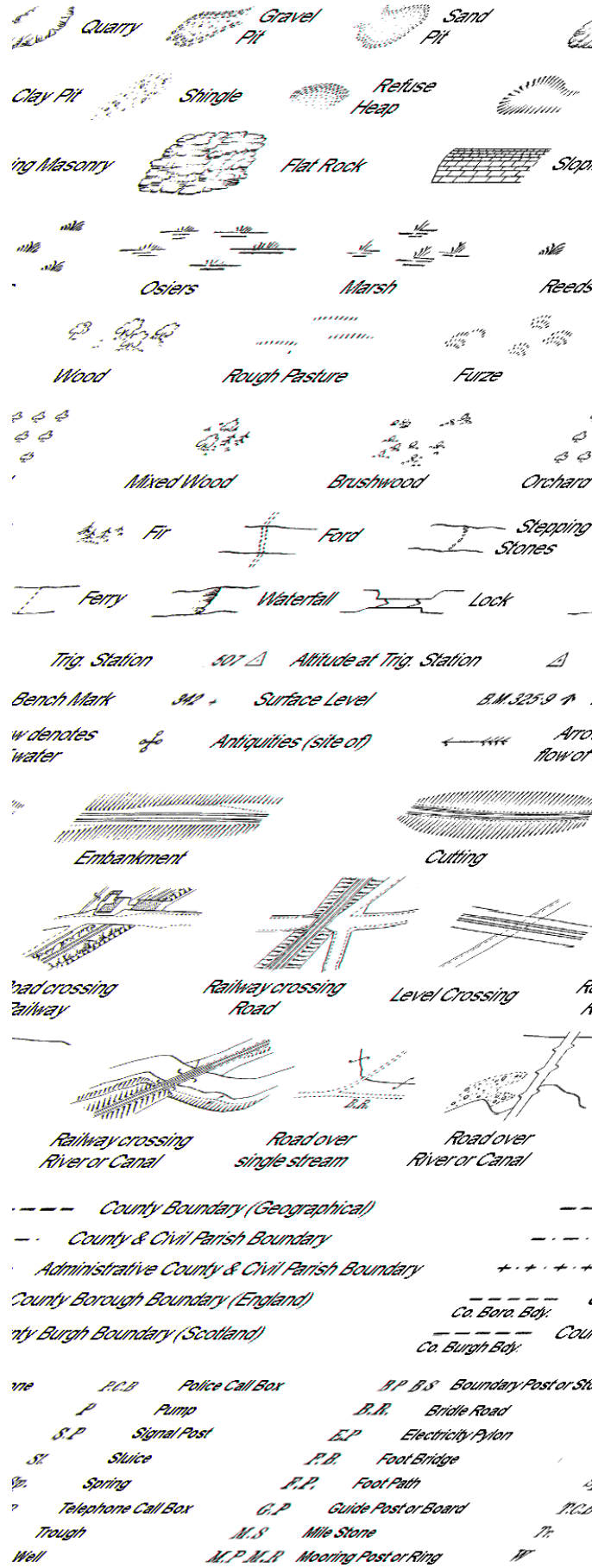
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Site Details

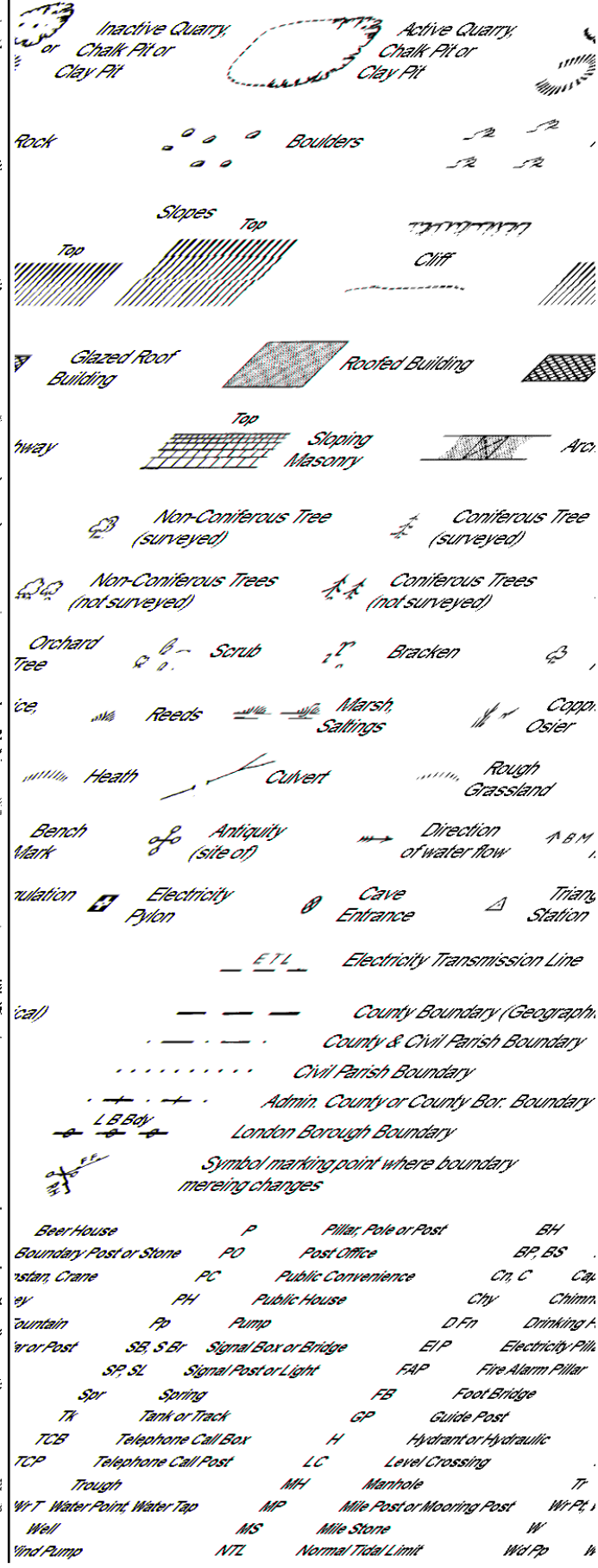
Recreation Road, SOUTHALL, UB2 5PE

Historical Mapping Legends

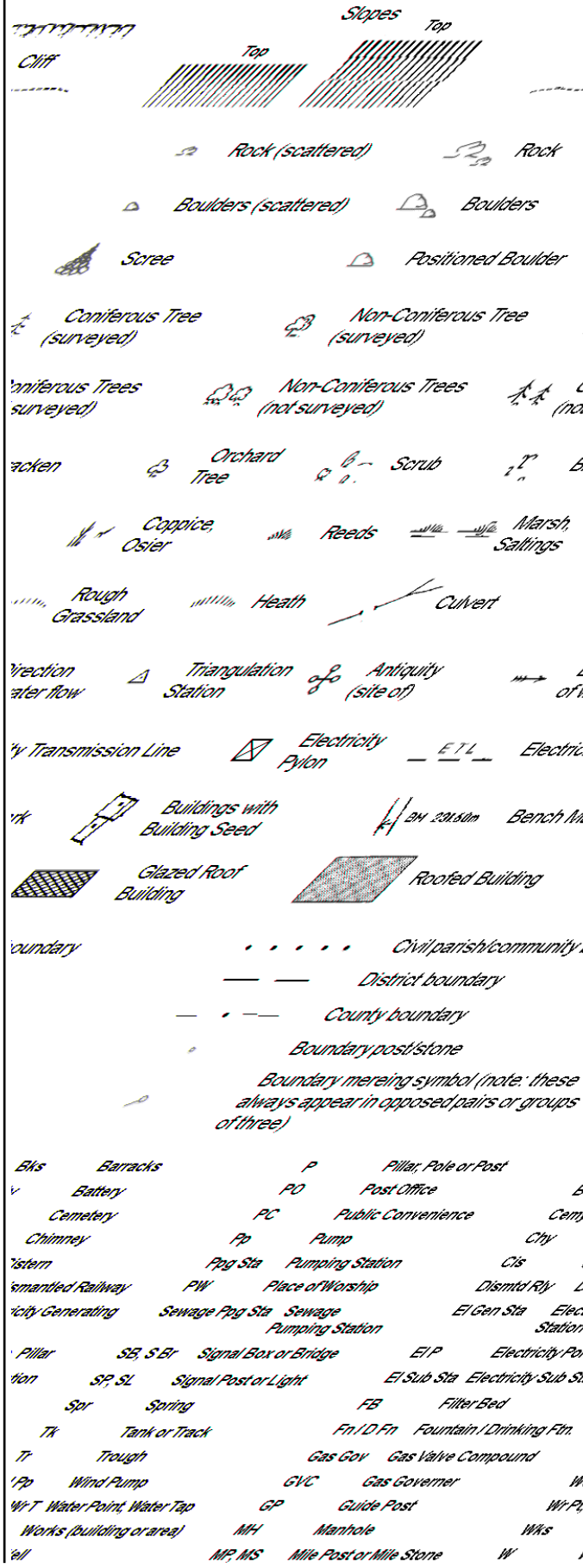
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



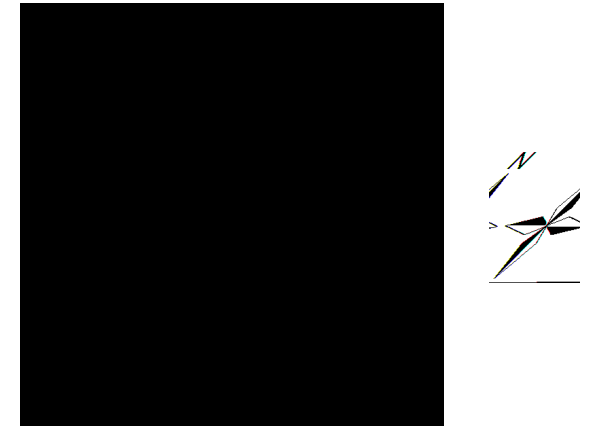
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:2,500	1878	2
Middlesex	1:2,500	1895	3
Middlesex	1:2,500	1914	4
Middlesex	1:2,500	1935	5
Historical Aerial Photography	1:1,250	1946	6
Ordnance Survey Plan	1:1,250	1962 - 1963	7
Ordnance Survey Plan	1:2,500	1962 - 1964	8
Additional SIMs	1:1,250	1962 - 1982	9
Additional SIMs	1:2,500	1964	10
Ordnance Survey Plan	1:1,250	1971	11
Additional SIMs	1:1,250	1983	12
Large-Scale National Grid Data	1:1,250	1991	13
Large-Scale National Grid Data	1:1,250	1995	14
Historical Aerial Photography	1:2,500	1999	15

Historical Map - Segment A13



Order Details

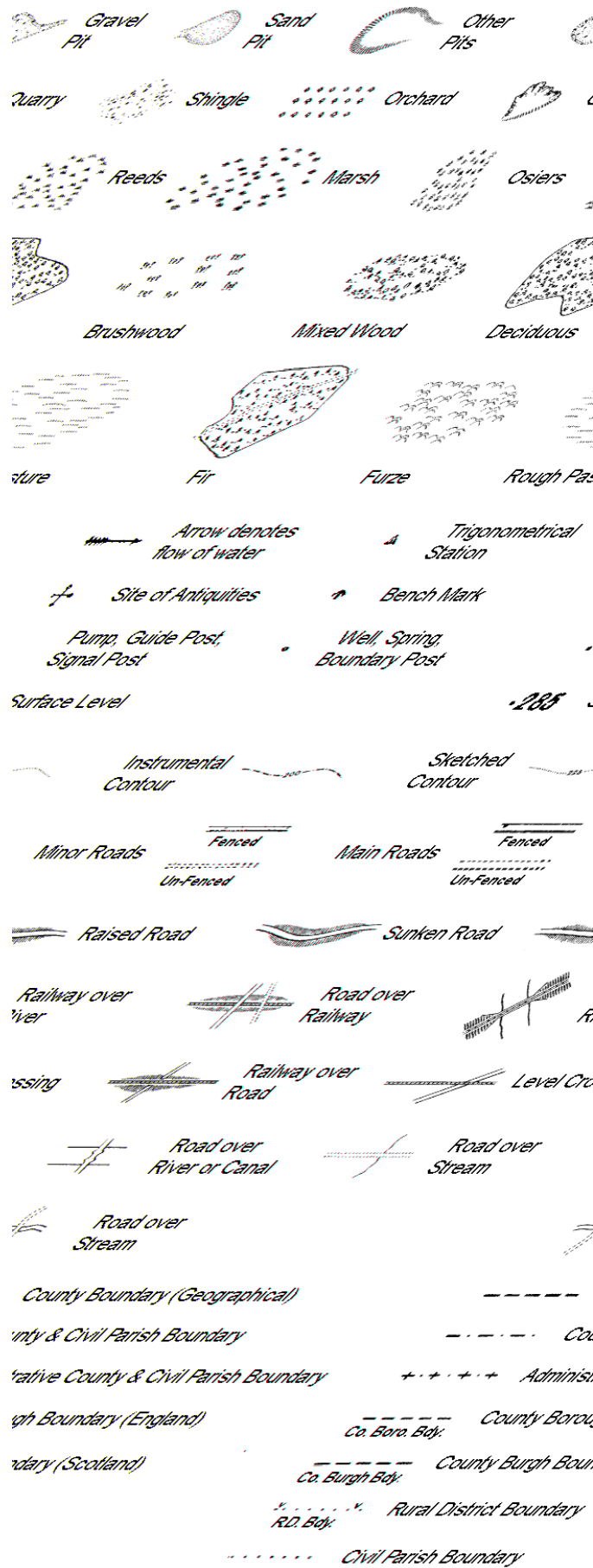
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Site Details

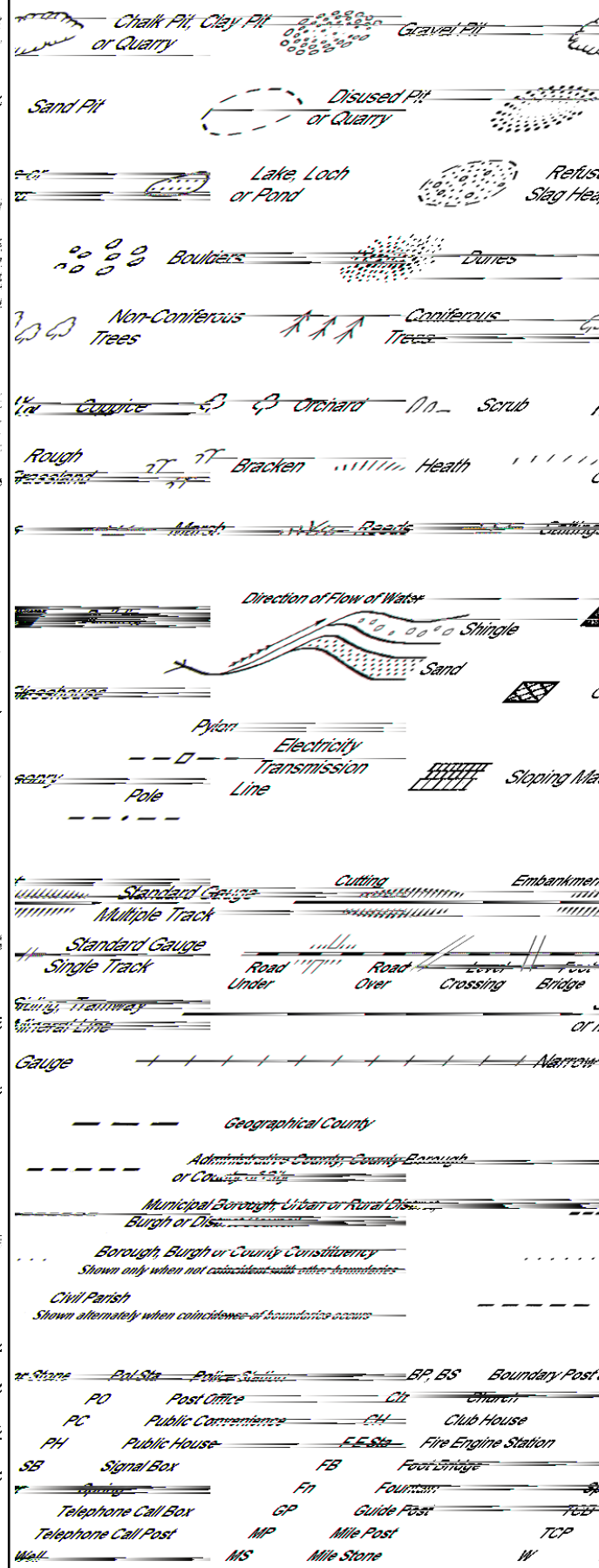
Recreation Road, SOUTHALL, UB2 5PE

Historical Mapping Legends

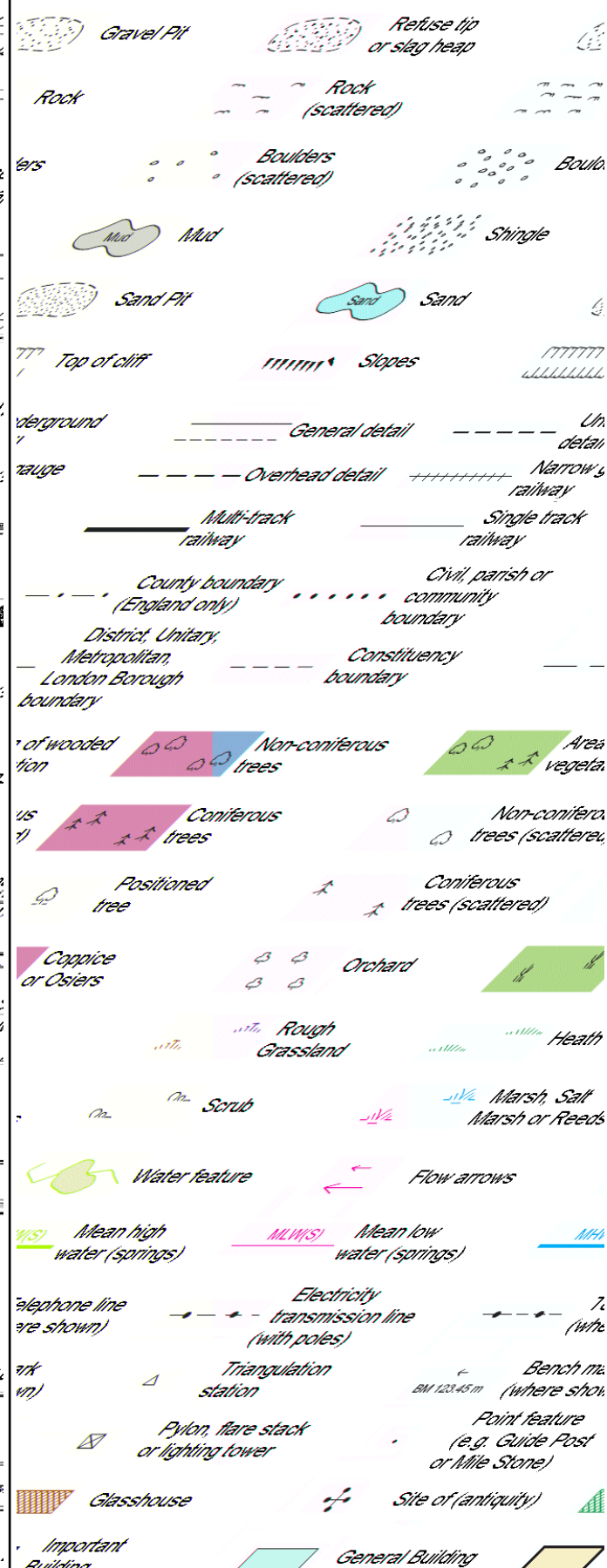
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Middlesex	1:10,560	1868 - 1869	3
Surrey	1:10,560	1871	4
Buckinghamshire	1:10,560	1881	5
London	1:10,560	1896	6
Middlesex	1:10,560	1897	7
Middlesex	1:10,560	1920	8
Middlesex	1:10,560	1932 - 1935	9
Middlesex	1:10,560	1935	10
Middlesex	1:10,560	1938	11
Middlesex	1:10,560	1938	12
Historical Aerial Photography	1:10,560	1948	13
Historical Aerial Photography	1:10,560	1948	14
Ordnance Survey Plan	1:10,000	1960	15
Ordnance Survey Plan	1:10,000	1966	16
Ordnance Survey Plan	1:10,000	1974 - 1975	17
Ordnance Survey Plan	1:10,000	1985	18
London	1:25,000	1985	19
Ordnance Survey Plan	1:10,000	1995	20
10K Raster Mapping	1:10,000	1999	21
10K Raster Mapping	1:10,000	2006	22
VectorMap Local	1:10,000	2024	23

Historical Map - Slice A



Order Details

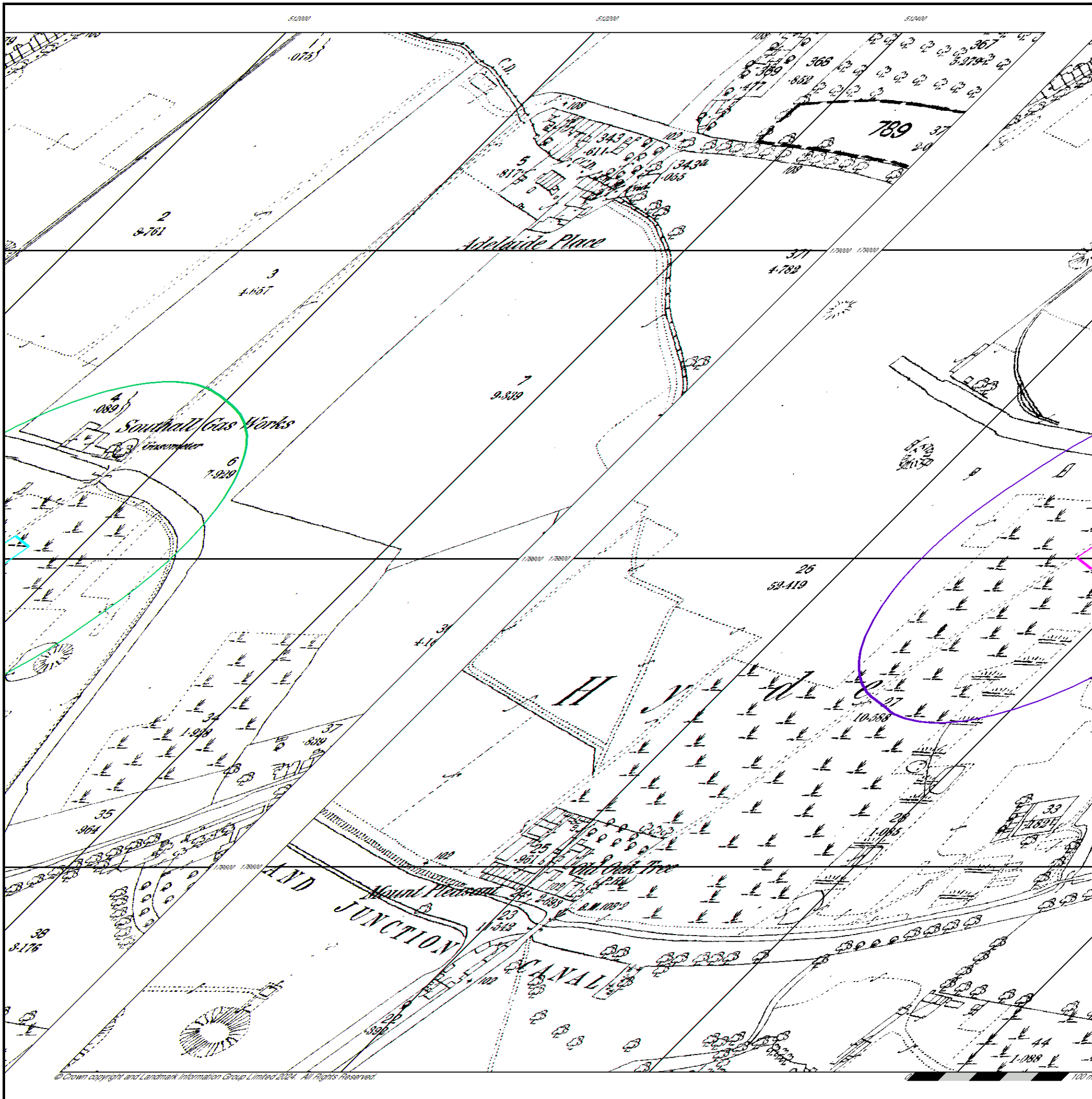
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Search Buffer (m):	1000

Site Details

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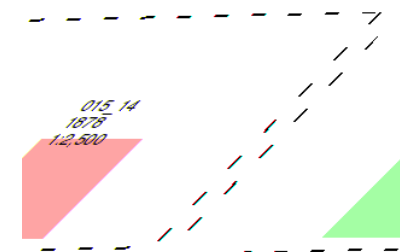
Middlesex

Published 1878

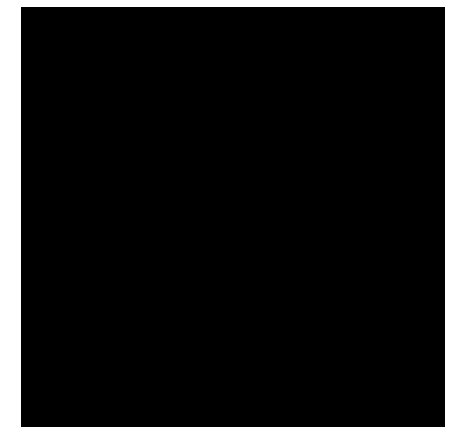
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

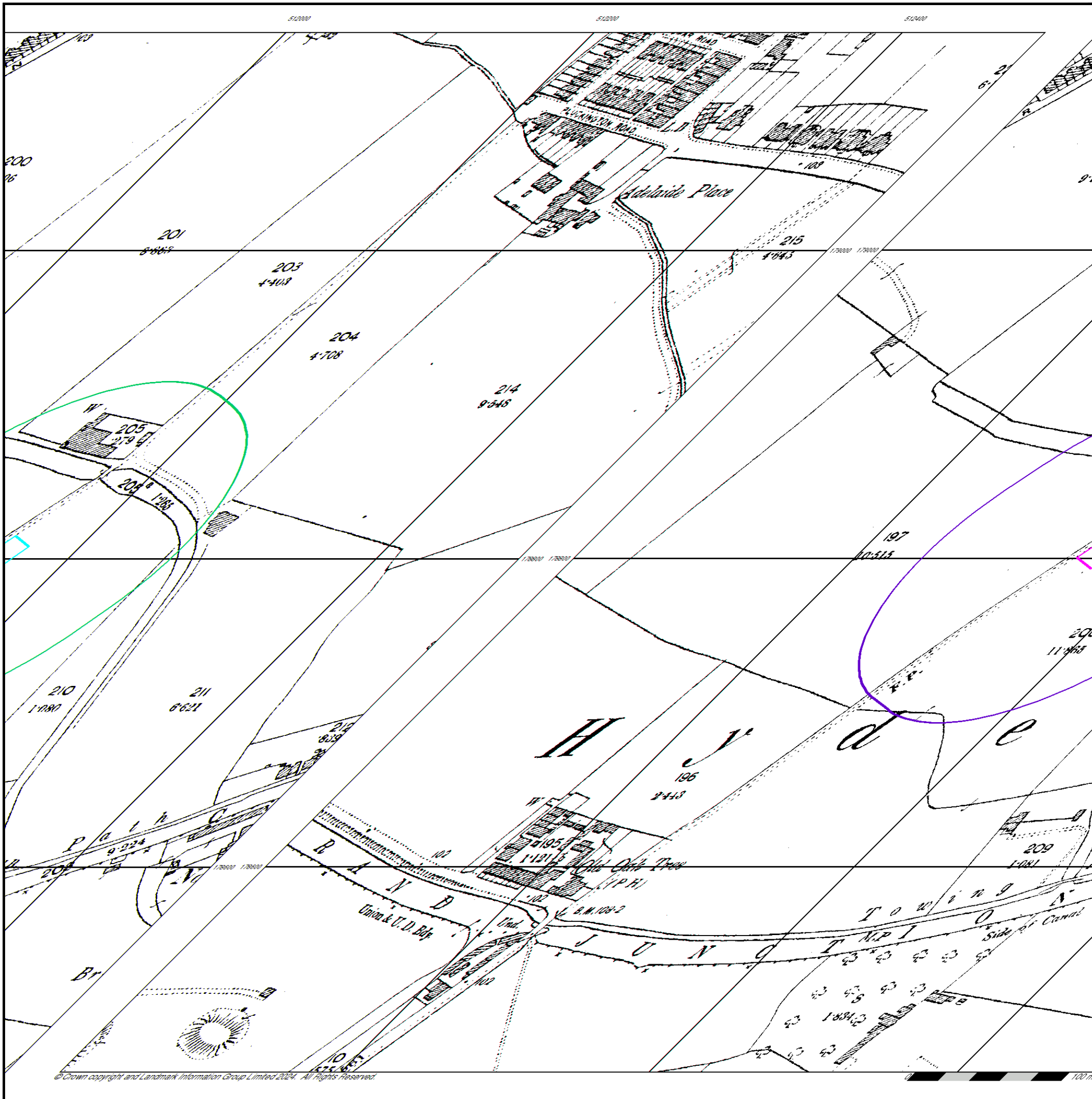
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Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

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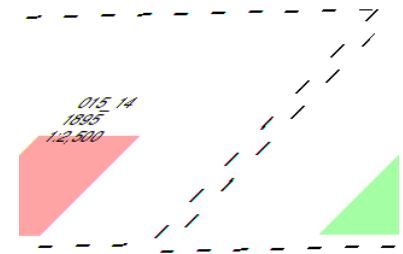
Middlesex

Published 1895

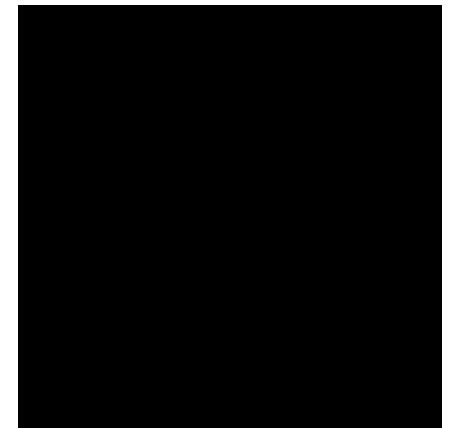
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

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Middlesex

Published 1914

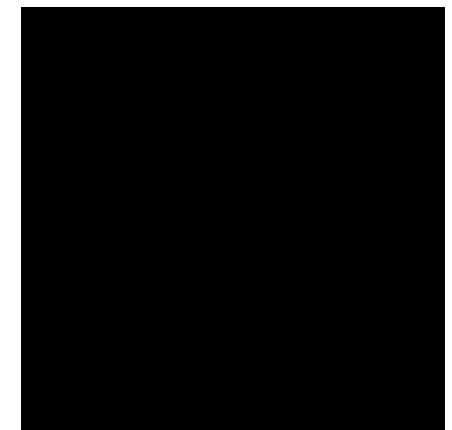
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

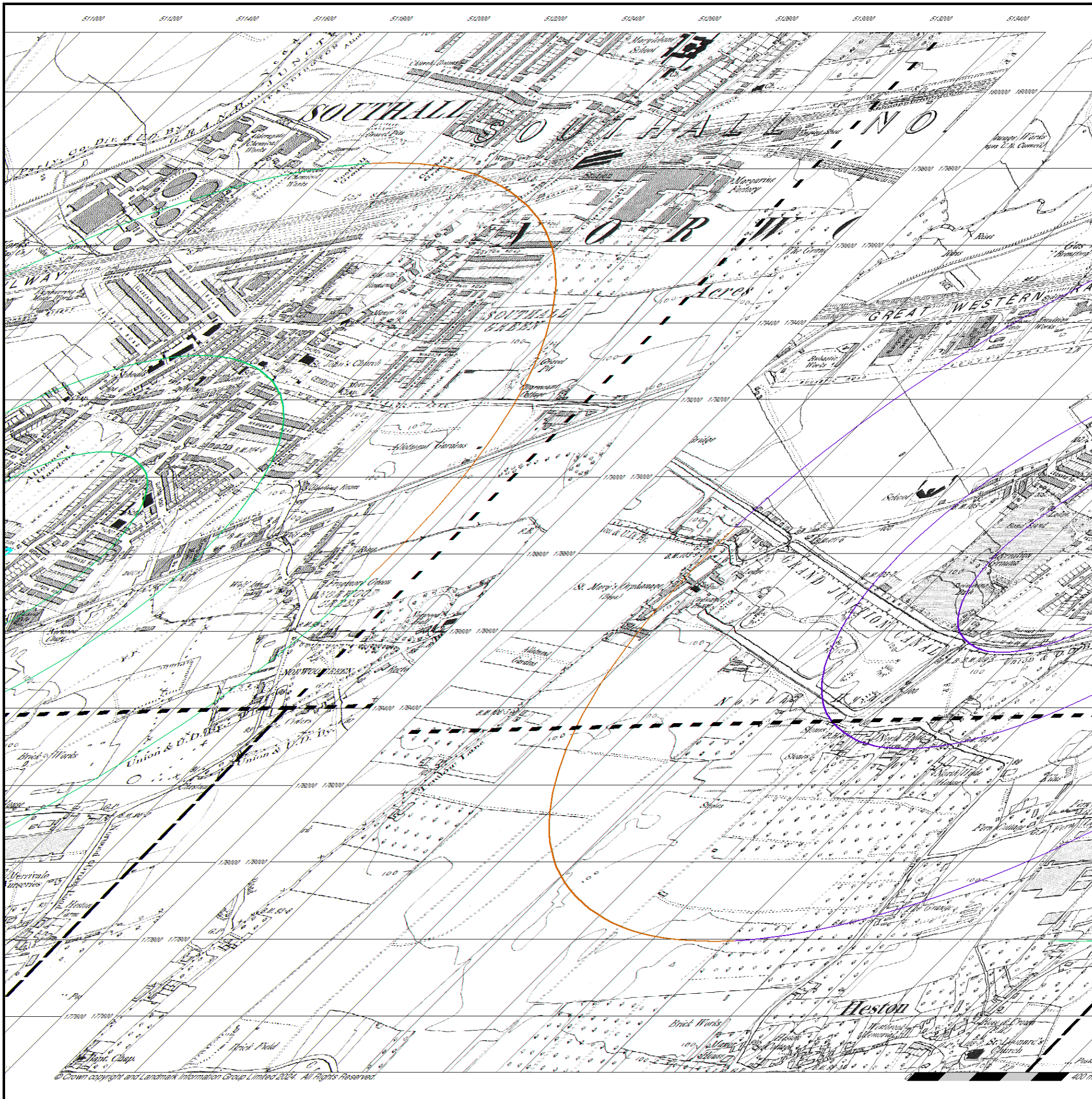
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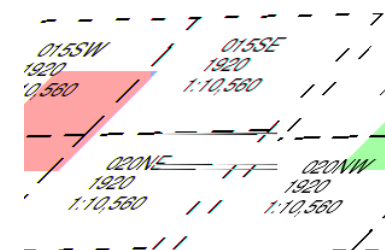
Middlesex

Published 1920

Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

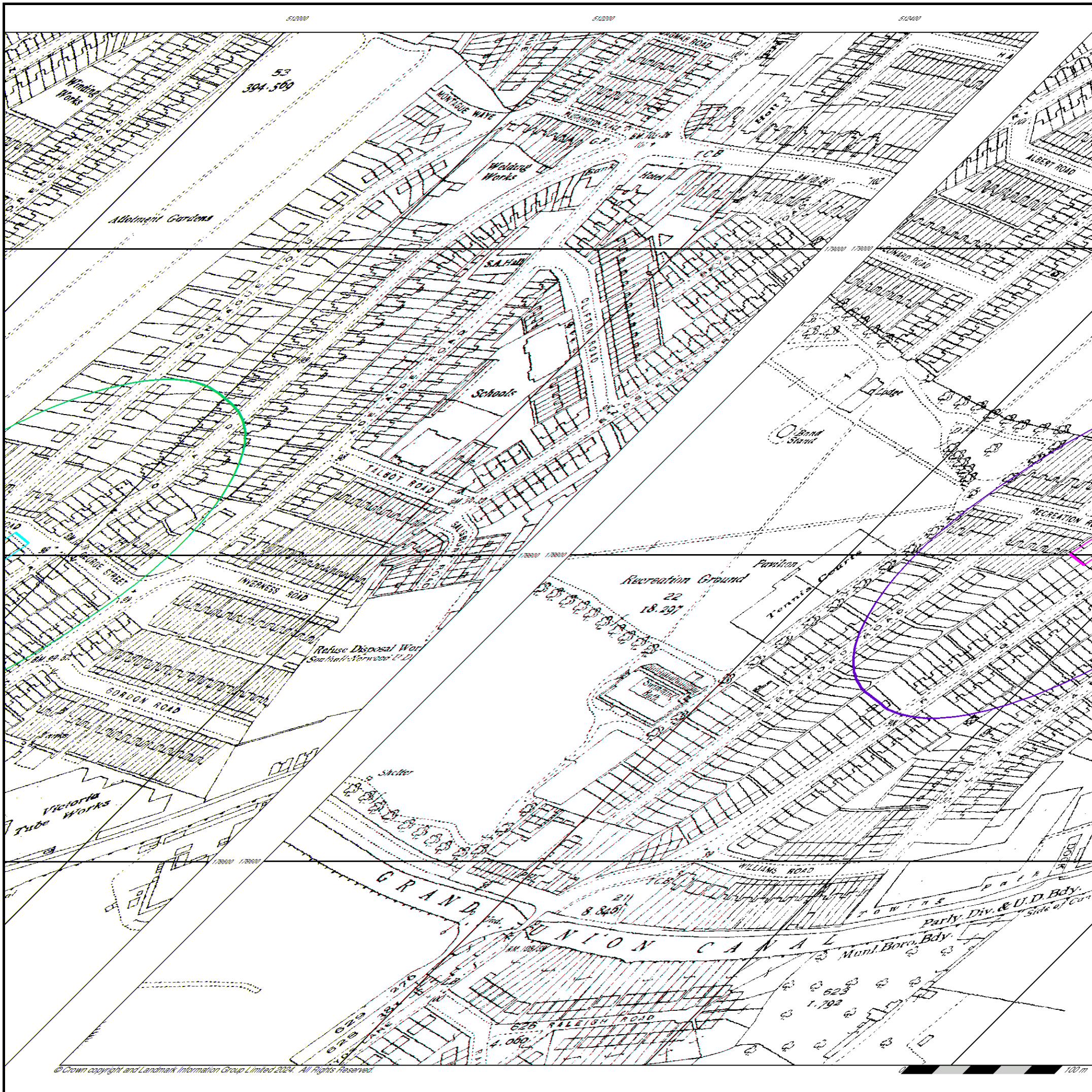
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Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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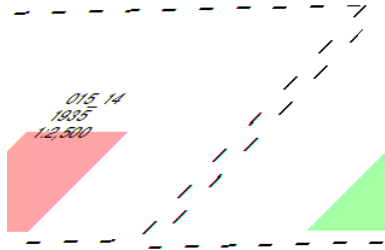
Middlesex

Published 1935

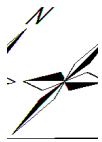
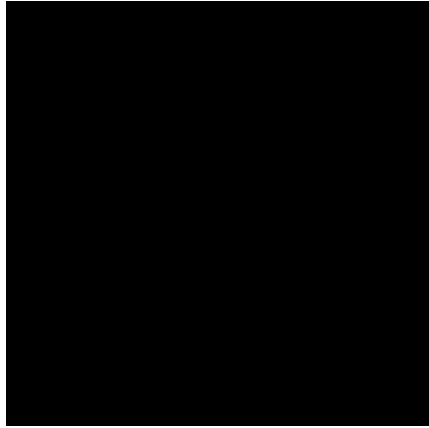
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

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Historical Aerial Photography

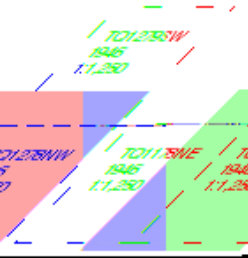
Published 1946

Source map scale - 1:1,250

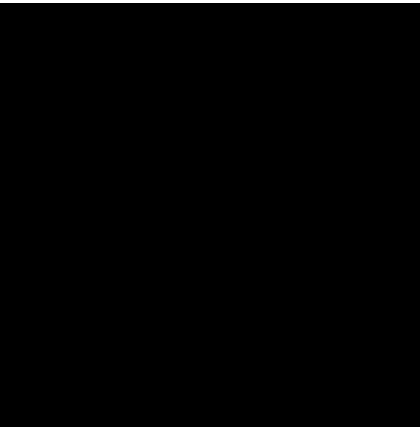
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)



Historical Aerial Photography - Segment A13



Order Details

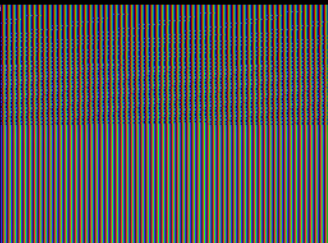
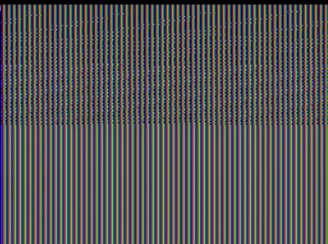
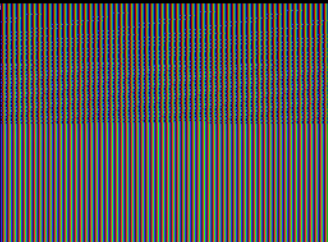
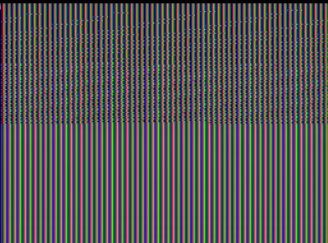
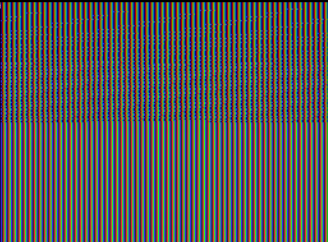
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National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

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Historical Aerial Photography

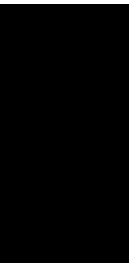
Published 1948

Source map scale - 1:10,560

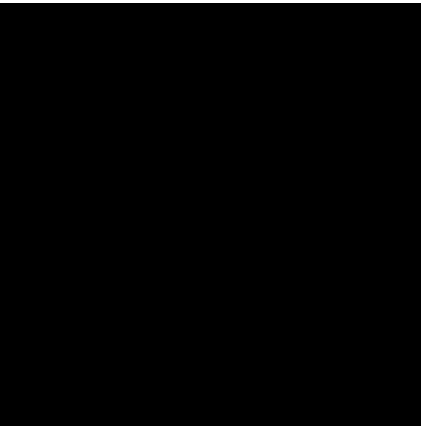
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the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

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

Recreation Road, SOUTHALL, UB2 5PE



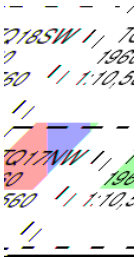
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



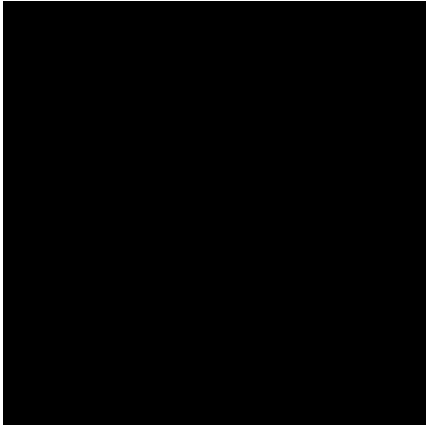
Ordnance Survey Plan
Published 1960
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

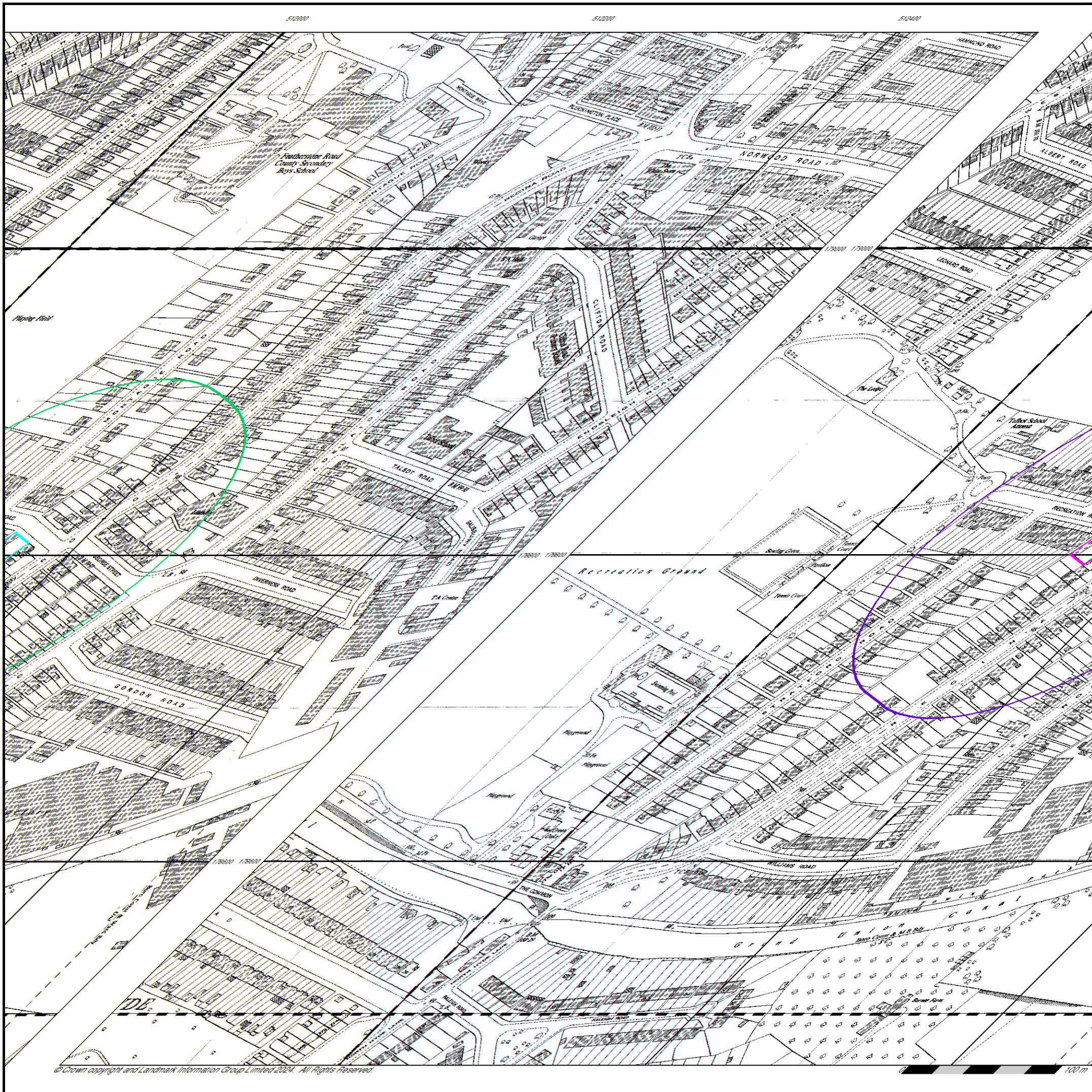
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Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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Ordnance Survey Plan

Published 1962 - 1963

Source map scale - 1:1,250

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

Map Name(s) and Date(s)

Historical Map - Segment A13

Order Details

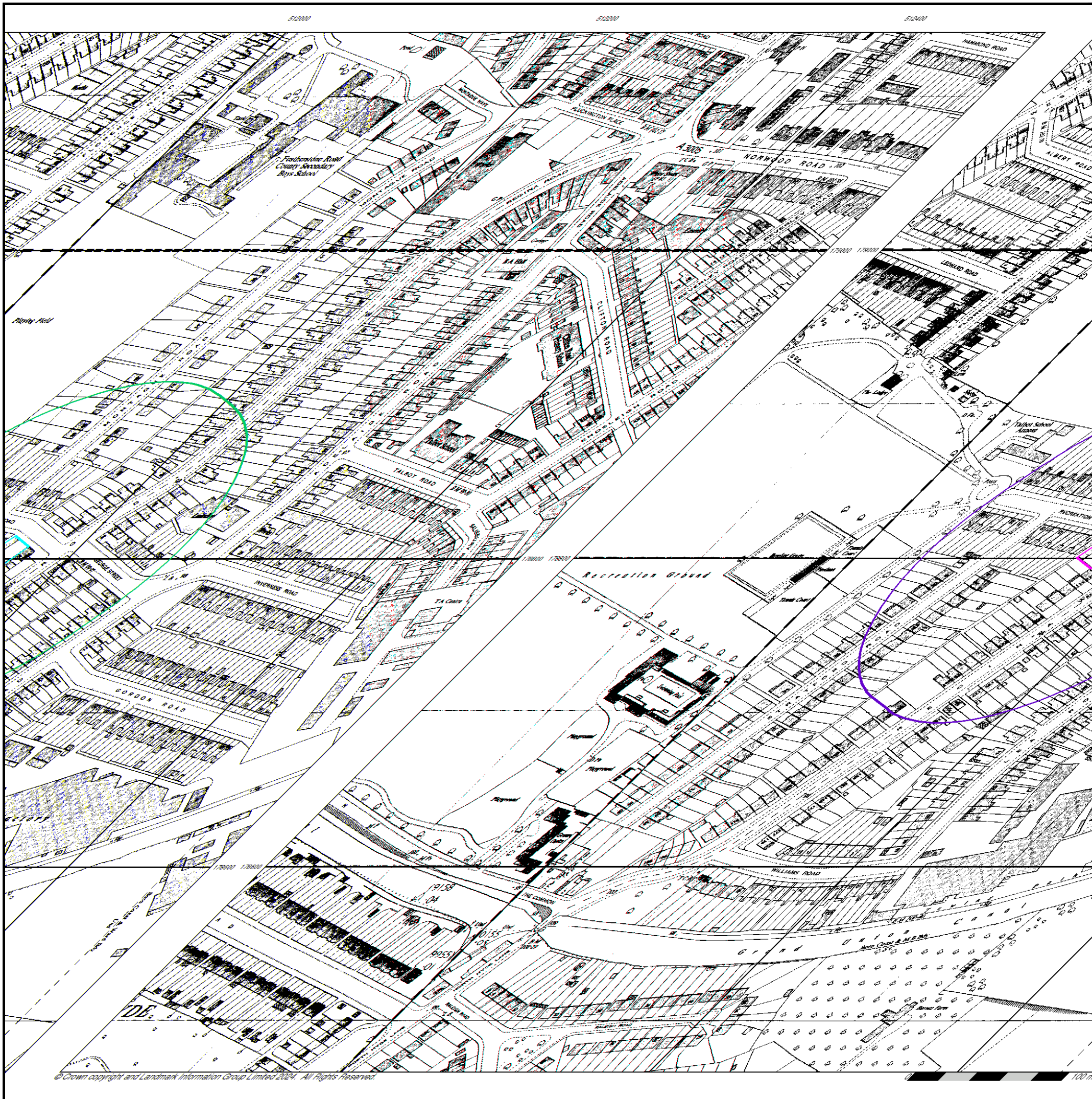
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Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1962 - 1964

Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

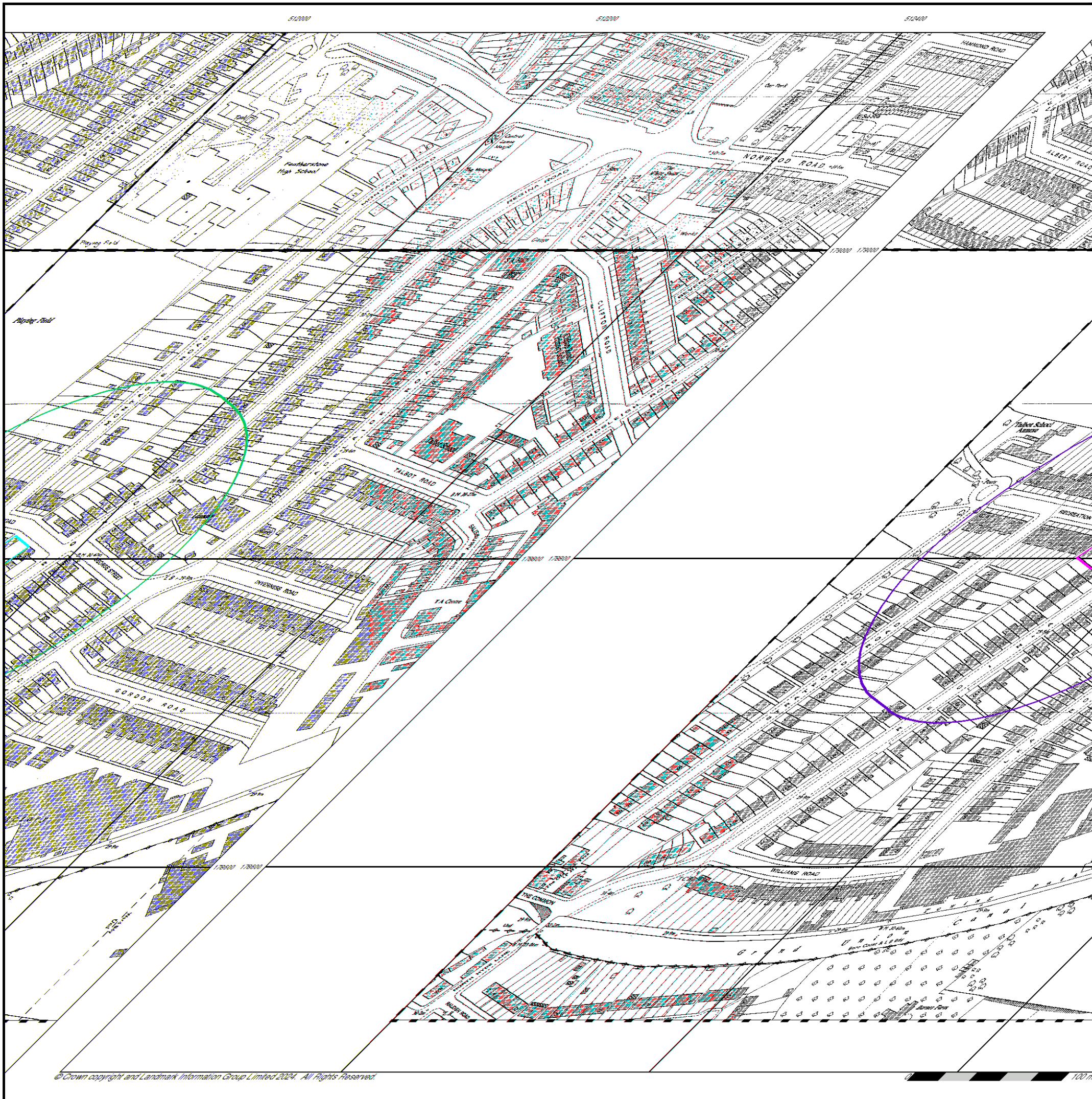
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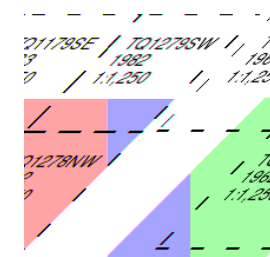
Additional SIMs

Published 1962 - 1982

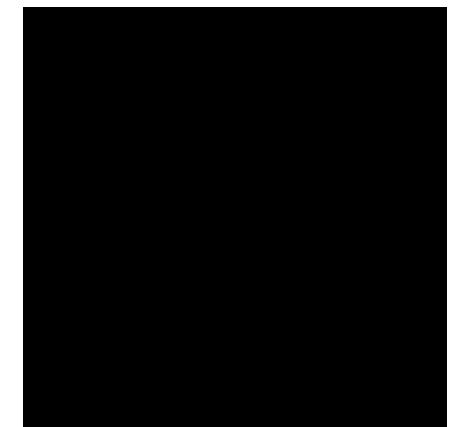
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

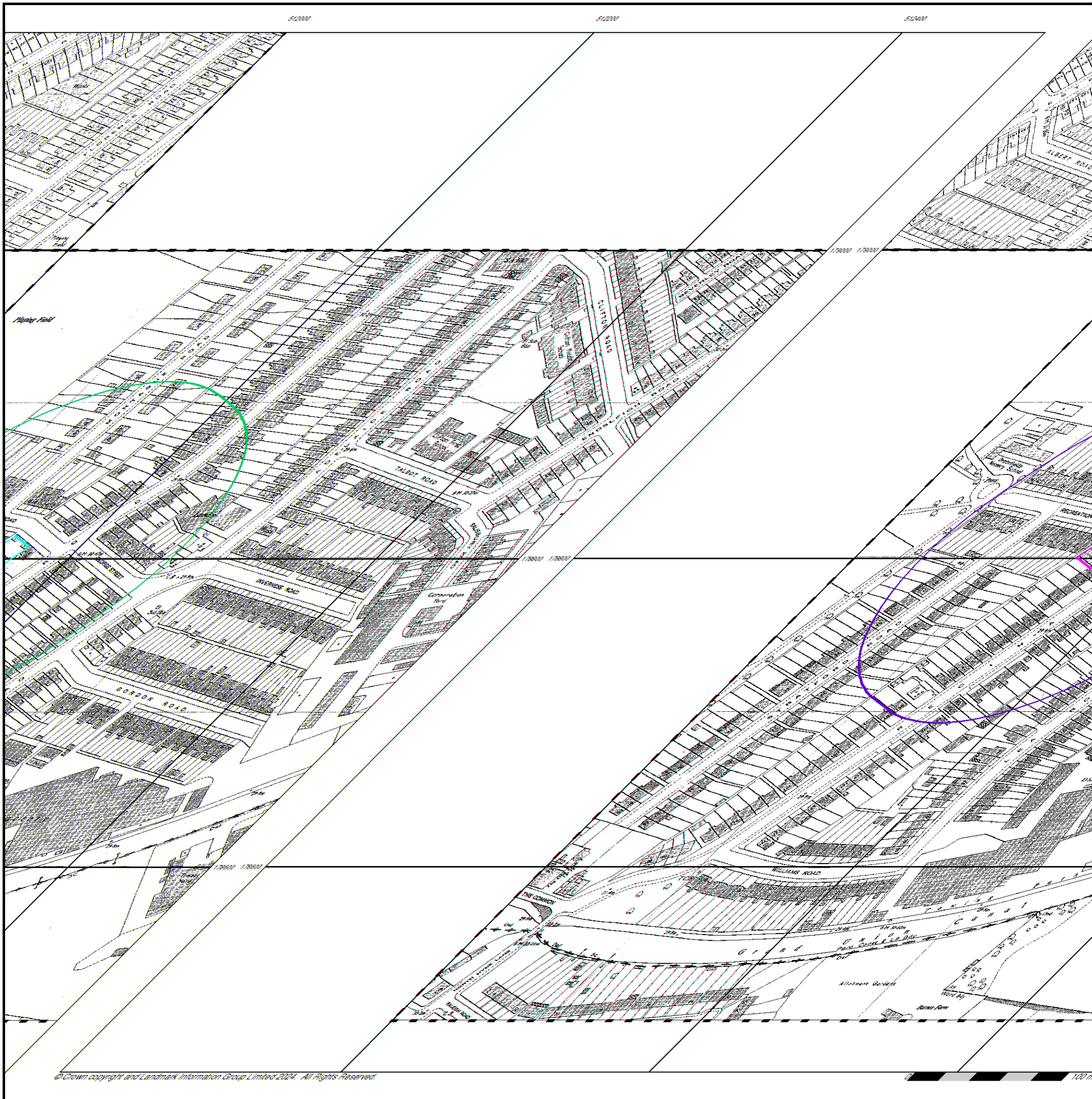
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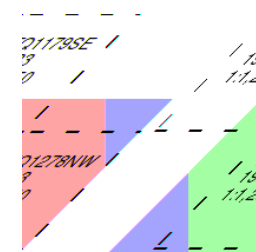
Additional SIMs

Published 1983

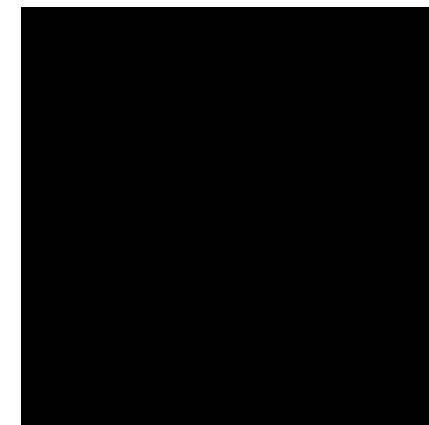
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

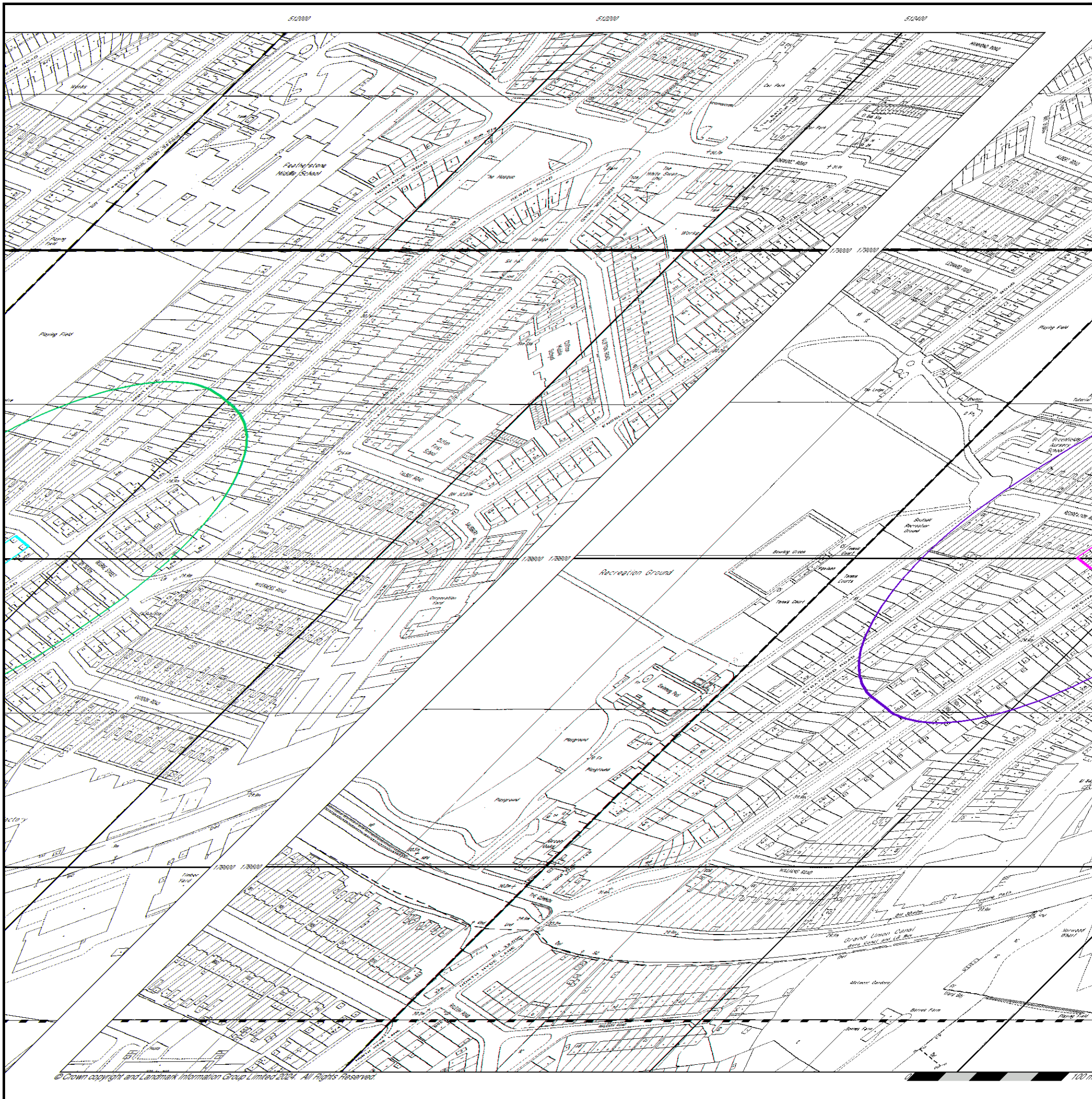
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
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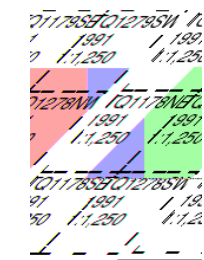
Large-Scale National Grid Data

Published 1991

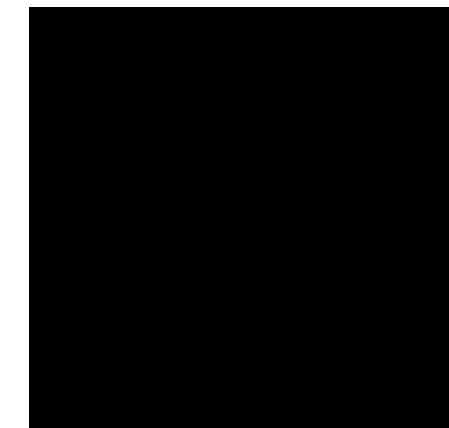
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

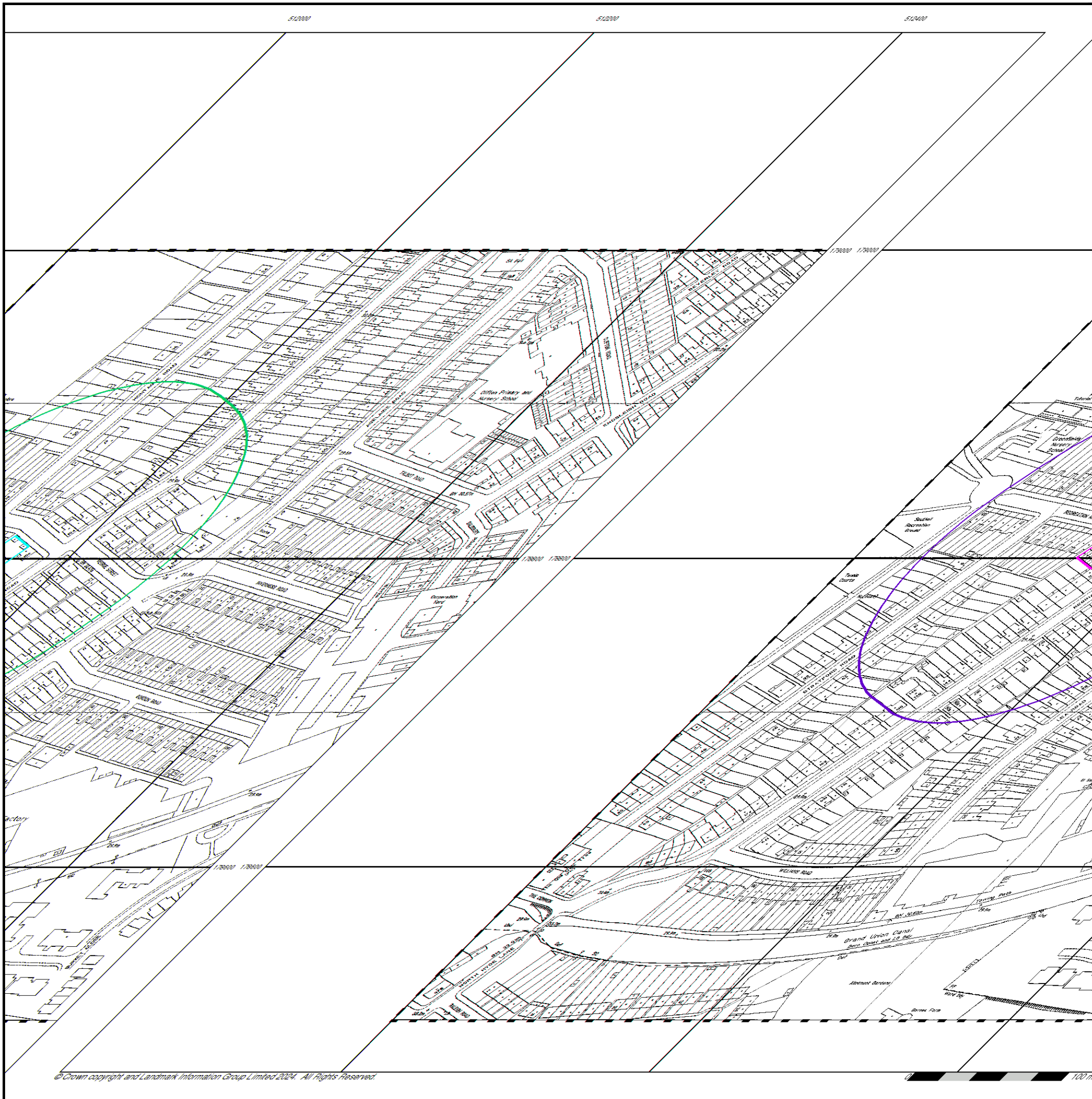
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

Site Details

Recreation Road, SOUTHALL, UB2 5PE



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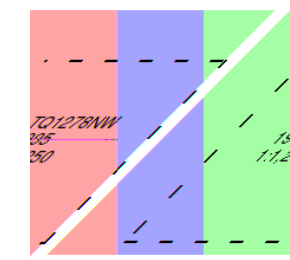
Large-Scale National Grid Data

Published 1995

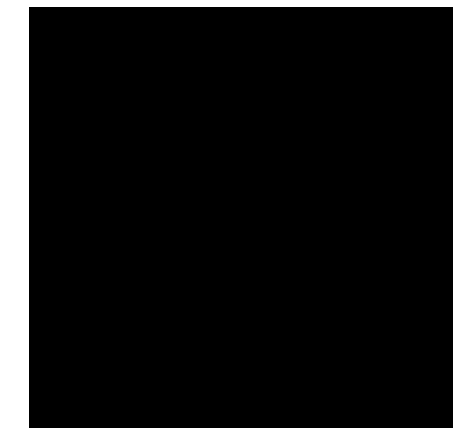
Source map scale - 1:1,250

'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



Order Details

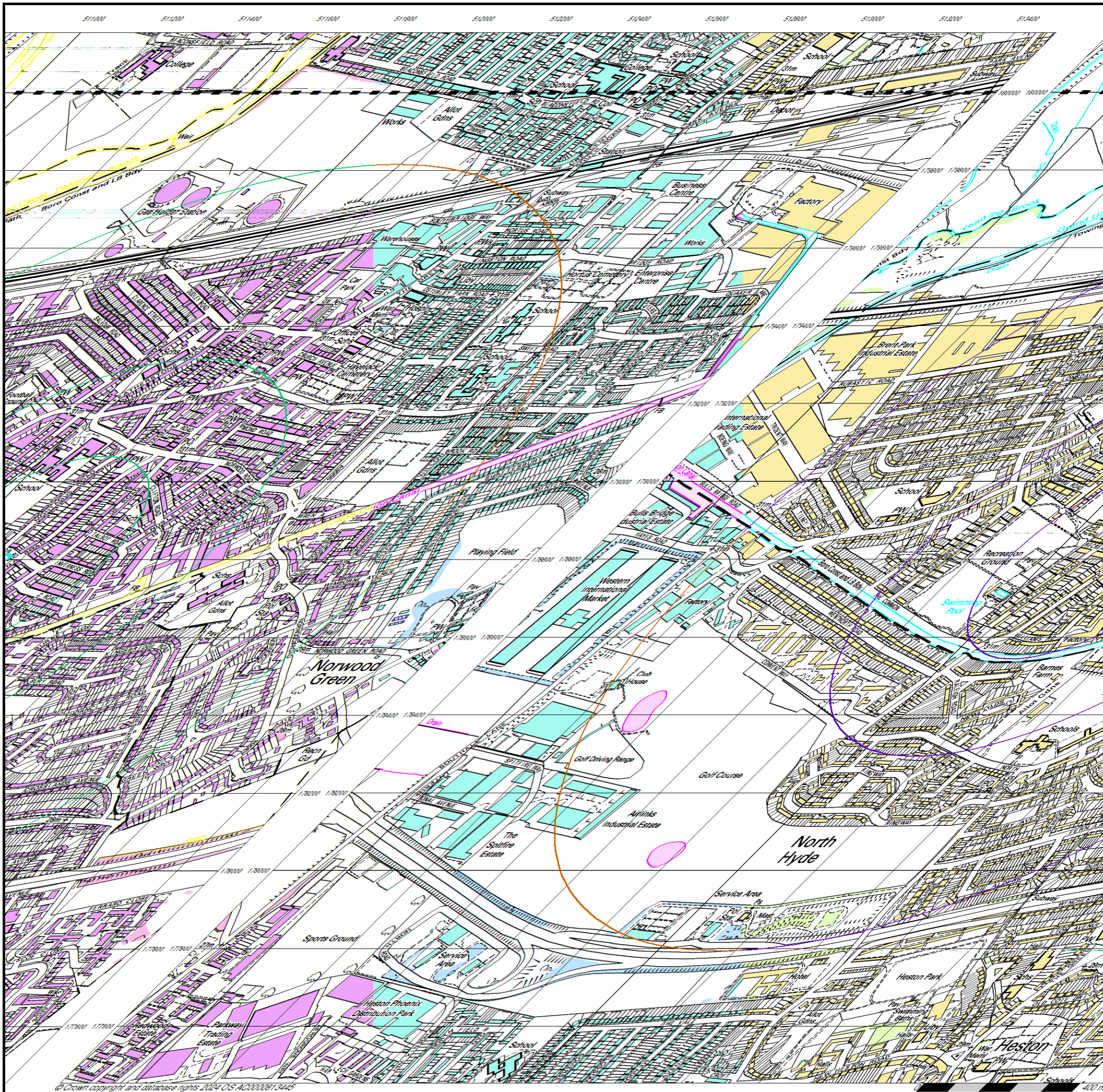
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
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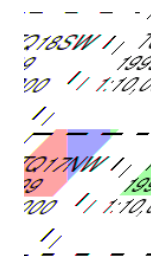
10k Raster Mapping

Published 1999

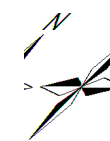
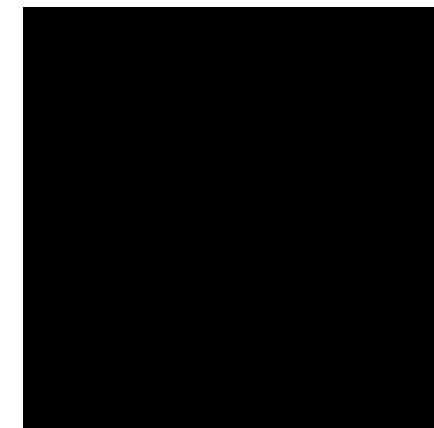
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 1000

Site Details

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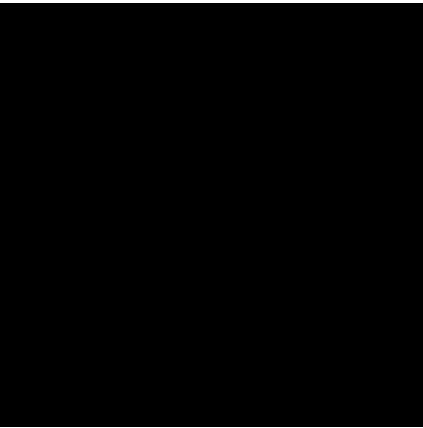


Historical Aerial Photography

Published 1999

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

Historical Aerial Photography - Segment A13



Order Details

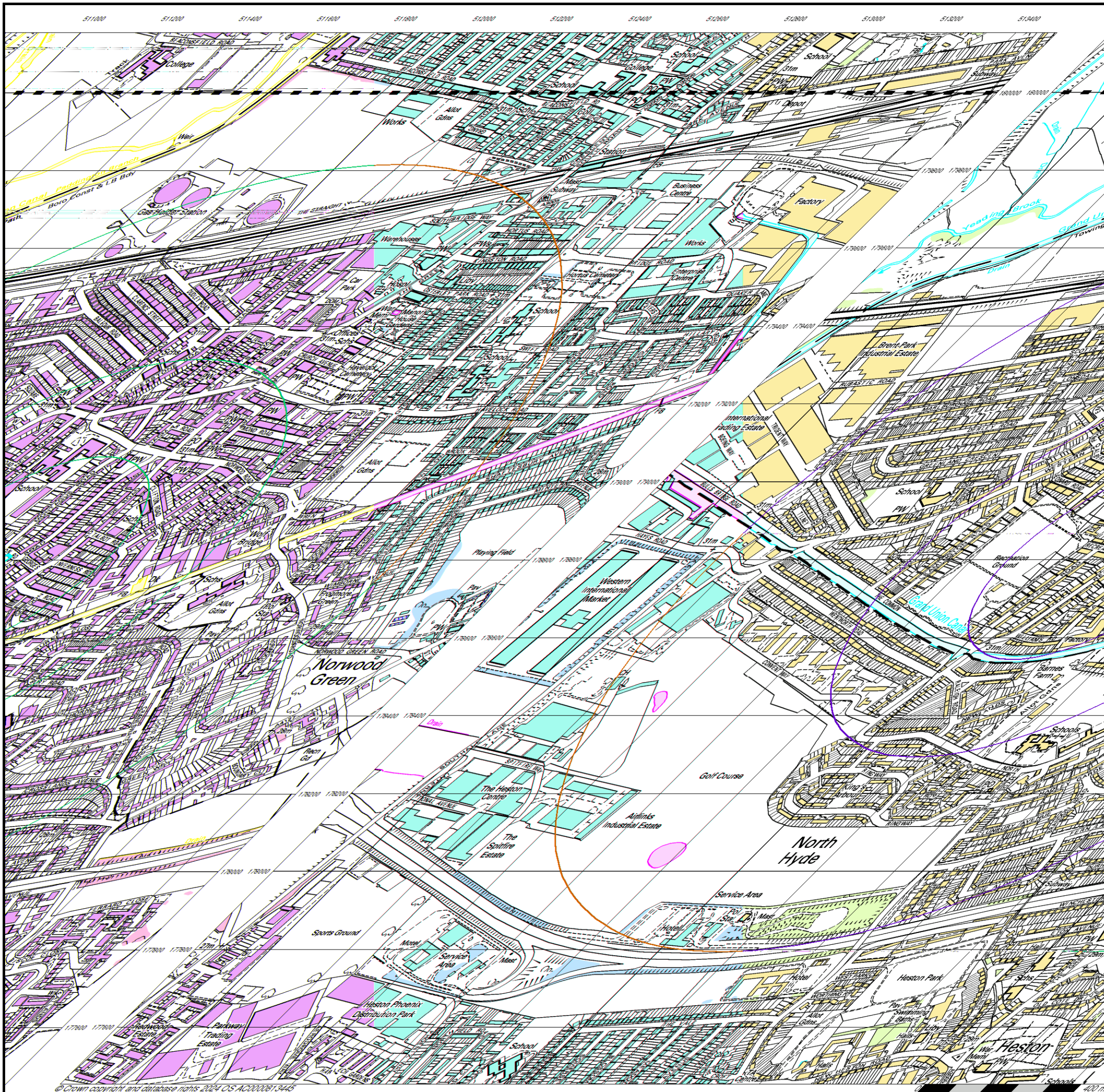
Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
Search Buffer (m): 100

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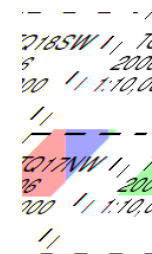
10k Raster Mapping

Published 2006

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
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Site Details

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VectorMap Local

Published 2024

Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number: 365228633_1_1
Customer Ref: J24345
National Grid Reference: 512160, 178800
Slice: A
Site Area (Ha): 0.03
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Preliminary Unexploded Ordnance (UXO) Risk Assessment

Project Name	Recreation Road, Ealing
Client	GEA Ltd.
Site Address	Recreation Road, Ealing, UB2 5PE
Report Reference	PA21183-00
Date	12 th December 2024
Author	UA
Quality Assurance	AT

1st Line Defence

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1ST LINE DEFENCE



Assessment Objective

This preliminary unexploded ordnance (UXO) risk assessment is a qualitative screening exercise to assess the likely potential of encountering UXO at the Recreation Road, Ealing site. The assessment involves the consideration of the basic factors that affect the potential for UXO to be present at a site as outlined in Stage One of the UXO risk management process.

Background

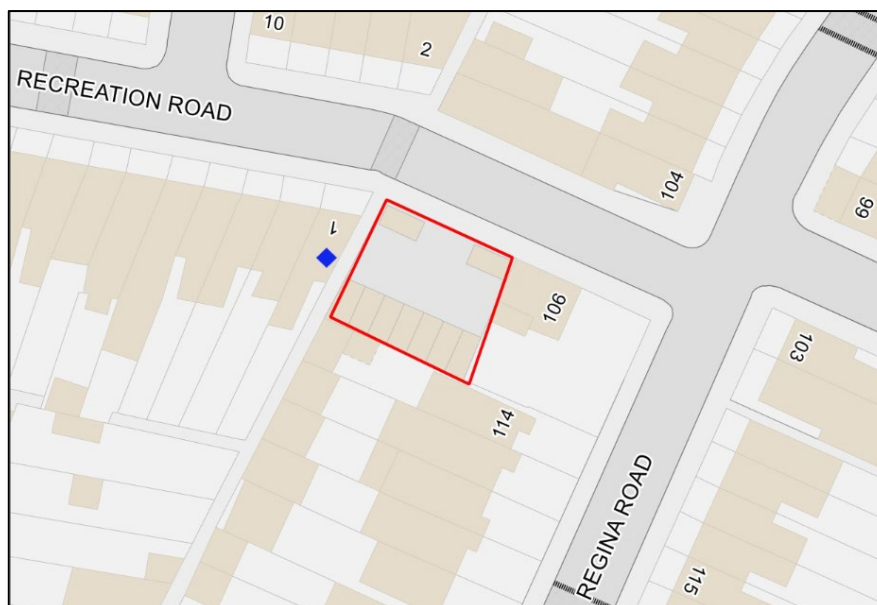
This assessment uses the sources of information available in-house to 1st Line Defence Ltd to enable the placement of a development site in context with events that may have led to the presence of German air-delivered or Allied military UXO. The report will identify any immediate necessity for risk mitigation or additional research in the form of a Detailed UXO Risk Assessment. It makes use of 1st Line Defence's extensive historical archives, library and unique geo-databases, as well as internet resources, and is researched and compiled by UXO specialists and graduate researchers.

The assessment directly follows CIRIA C681 guidelines "Unexploded Ordnance, a Guide for the Construction Industry". The document will therefore assess the following factors:

- Basic Site Data
- Previous Military Use
- Indicators of potential aerial delivered UXO threat
- Consideration of any Mitigating Factors
- Extent of Proposed Intrusive Works
- Any requirement for Further Work

It should be noted that the vast majority of construction sites in the UK will have a low or negligible risk of encountering UXO and should be able to be screened out at this preliminary stage. The report is meant as a common sense 'first step' in the UXO risk management process. The content of the report and conclusions drawn are based on basic, preliminary research using the information available to 1st Line Defence at the time this report was produced. It should be noted that the only way to entirely negate risk from UXO to a project would be to support the works proposed with appropriate UXO risk mitigation measures. It is rarely possible to state that there is absolutely 'no' risk from UXO to a project.

Site Boundary



Risk Assessment Considerations	
Site location and description/current use	The site is located within the London Borough of Ealing. Recent aerial imagery indicates that the site is currently occupied by various structures and hardstanding ground. To the north, the site is bound by Recreation Road, and to the east, south, and west by structures. The site is approximately centred on the OS grid reference: TQ 12157 78806.
Are there any indicators of current/historical military activity on/close to the site?	In house records suggest no indication of current or historical military use on or close to the site boundary. No features such as WWII defensive positions, encampments or firing ranges are recorded to have been located at or in the immediate vicinity of the site. In addition, no information of ordnance being stores, produced or disposed within the site boundary could be found. The closest recorded Heavy Anti-Aircraft (HAA) battery was situated approximately 4km north-west of the site. The range of a fired projectile can be up to 15km. the risk from Anti-Aircraft projectiles is generally homogenous to the risk from German aerial delivered ordnance.
What was the pre- and post-WWII history of the site?	Pre-war OS mapping dated 1938 indicates that the site was occupied by a structure and undeveloped land. To the north, the site is bound by <i>Recreation Road</i>, to the east and south by undeveloped land and structures, and to the west by an access way. Post-war OS mapping dated 1962-64 does not indicate any significant changes on site or within its surroundings, apart from additional structures directly east of the site.
Was the area subject to bombing during WWII?	During WWII the site was situated within the Municipal Borough of Southall. According to official Home Office bombing statistics, Southall sustained an overall moderate density of bombing, with an average of 51.4 items of ordnance recorded per 1,000 acres. This comprised 123 HE bombs, one parachute mine, two oil bombs, one phosphorous bomb, and seven V-1 pilotless aircraft bombs, totalling 134 bombs within an area of 2,606 acres. No bomb strikes were plotted directly on site, apart from an incendiary bombing 'shower' across the site in October 1940.
Is there any evidence of bomb damage on/close to the site?	Middlesex County Council (MCC) War Damage Mapping does not record any damage to the structures on or within the site's immediate vicinity, with the closest area of damage sustained by the structure approximately 30m west of the site.
To what degree would the site have been subject to access?	As the site was occupied and surrounded by structures, access to the site is anticipated to have been frequent. Frequent access increases the likelihood of any evidence of UXO being spotted, reported, and dealt with.
To what degree has the site been developed post-WWII?	A comparison between wartime OS mapping and recent aerial imagery indicates that the previous structure on site was replaced by newer ones.
What is the nature and extent of the intrusive works proposed?	The nature and extent of works proposed was not available at the time of writing.

Summary and Conclusions

During WWII the site was situated within the Municipal Borough of Southall. According to official Home Office bombing statistics, Southall sustained an overall moderate density of bombing, with an average of 51.4 items of ordnance recorded per 1,000 acres. No bomb strikes were plotted directly on site, apart from an incendiary bombing 'shower' across the site in October 1940.

Middlesex County Council (MCC) War Damage Mapping does not record any damage to the structures on or within the site's immediate vicinity, with the closest area of damage sustained by the structure approximately 30m west of the site.

As the site was occupied and surrounded by structures, access to the site is anticipated to have been frequent. Frequent access increases the likelihood of any evidence of UXO being spotted, reported, and dealt with.

Recommendations

Given the findings of this preliminary report, the risk from UXO on site is not considered to be significantly elevated above the 'background level' for the region. Whilst it would be possible to conduct further research in the form of a Detailed UXO Risk Assessment for the site, it is not thought likely that this would significantly alter the findings of this report. It is therefore recommended that **no further research** is undertaken.

If the client has any anecdotal or empirical evidence of UXO risk on site, please contact 1st Line Defence.

It should be noted that although the risk from unexploded ordnance on this site has been assessed as low/minimal, this does not mean there is 'no' risk of encountering UXO. This preliminary report has been undertaken with due diligence, and all reasonable care has been taken to access and analyse relevant historical information. By necessity, when dealing with historical evidence, and when making assessments of UXO risk, various assumptions have to be made which we have discussed and justified within this report. Our reports take a common-sense and practical approach to the assessment of UXO risk, and we strive to be reasonable and pragmatic in our conclusions. As referenced, it would be possible to undertake further research into this site, but based on the evidence to hand, this is not deemed strictly necessary, and no reasonably justifiable requirement for proactive on-site mitigation has been identified.

It should however be stressed that if any suspect items are encountered during the proposed works, 1st Line Defence should be contacted for advice/assistance, and to re-assess the risk as necessary. Furthermore, we would recommend that ground personnel are always made aware of the potential for encountering UXO, what to look out for and what to do in the unlikely event that a suspect item is encountered, and that a UXO Risk Management Plan is put together for the proposed works. We would be happy to provide a template and guidance for this – contact us on 01992 245020. Should the scope of works change or additional works be proposed, 1st Line Defence should be contacted to re-evaluate the risk.

This report has been prepared by 1st Line Defence Limited with all reasonable care and skill. The report contains historical data and information from third party sources. 1st Line Defence Limited has sought to verify the accuracy and comprehensiveness of this information where possible but cannot be held accountable for any inherent errors. Furthermore, whilst every reasonable effort has been made to locate and access all relevant historical information, 1st Line Defence cannot be held responsible for any changes to risk level or mitigation recommendations resulting from documentation or other information which may come to light at a later date.

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