



CORE GEOTECHNICS LIMITED

Geotechnical and Geoenvironmental Engineers

REPORT

SUBJECT	GROUND INVESTIGATION
SITE	WILLIAM POWELL & SONS, CHAPEL ROAD, ROTHERWAS
PROJECT	PROPOSED LIGHT INDUSTRIAL UNITS
CLIENT	WILLIAM POWELL & SONS LIMITED
INSTRUCTION	via Email
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1. INTRODUCTION

Core Geotechnics Limited (CGL) was instructed to carry out an investigation relating to proposed new light industrial units located within the confines of William Powell Limited's service yard Rotherwas, Hereford.

The scope of investigation was to establish ground conditions, the presence and nature of any contamination and to provide general recommendations for the development and comprised: -

- A desk study relating to the history and geo-environmental setting of the site.
- An unexploded ordnance (UXO) risk assessment
- Six boreholes sunk using dynamic sampling techniques.
- Geotechnical laboratory testing
- Contamination laboratory testing

This report presents the findings and comments accordingly.

2. SITE LOCATION AND GEOLOGY

2.1 Site Location and Reconnaissance

The proposed development area is located within the grounds of William Powell and Sons, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD. The approximate National Grid co-ordinates for the site are 353700, 238240.

The site is essentially triangular in plan shape with maximum dimensions of approximately 110m north-east to south-west and 95m north-south. The site is bounded to the south by Chapel Road beyond which is a waste recycling facility. The site is bounded to the east by a collection of light industrial/commercial units and to the west by an area of apparently derelict land beyond which is the hamlet of Rotherwas. The floodplain of the River Wye lies to the immediate north with the river located approximately 230m to the north. The river flows from west to east in this section of the catchment.

A Google Earth extract showing the approximate extent of the site together with the development area is presented as Plate 1 below: -



Plate 1 Google Earth extract showing site area (outlined in red) and development area outlined in purple circa August 2023

The western half of the site is dominated by the offices, car park and storage yard of William Powell and Sons (Builders) Limited. The eastern half of the site is dominated by a flat and level storage yard which is essentially gravel surfaced (Photo 1 and 2).



Photo 1 View looking north across northern half of site area with light industrial unit on right

Palisade fencing forms the site boundaries with double access gates off Chapel Road.



Photo 2 View looking across southern half of site with William Powell offices on right.

A small area of asphalt surfaced car paving lies to the east of the offices. This area incorporates a washdown sump.

There were no observed areas of obvious surface staining or distressed vegetation which could be attributed to former contaminative activity and there were no above ground heating or fuel oil tanks observed.

There was no observed presence of Japanese Knotweed on the site.

A site plan showing the proposed development is presented as Figure 1.

2.2 Geology

Geological Survey data suggests that the solid geology underlying the site comprises the Raglan Mudstone Formation (RMF) of Silurian age. The solid geology is shown to be mantled by Quaternary 1st River Terrace Deposits (essentially sand and gravel) associated with the River Wye to the north. Recent alluvial deposits are shown to overlie the River Terrace Deposits some 100m to the north-east.

The RMF is typically described as red brown mudstones and silty mudstones with calcretes and sandstones locally present. The mudstones are likely to weather to clay/silt in the upper profile.

There are linear areas of made ground identified some 1km to the east, following the banks of the River Wye and are thought to comprise levees for flood prevention.

An area of made ground is also identified some 400m to the west associated with a large sewage treatment works. It is likely that ground levels were raised here for flood relief. A small area of made ground is also identified some 250m to the south-west.

Geological map extracts as provided in an Envirocheck report are presented as Appendix A.

2.3 Historical Borehole Records

An online search of historical borehole records in the general area revealed several BGS boreholes located some 350m to the west and which revealed a variable thickness of made ground over gravelly clays and clayey gravel to around 2.0m before passing into gravels of the RTD. The base of the gravels was proved at circa 5.50-7.0m before passing into reddish brown mudstones of the RMF.

3. PROPOSED WORKS

It is proposed to construct four light industrial units in the eastern section of the site together with car parking facilities, access and areas of soft landscaping.

No details of design loads for foundations were available at the time of compiling this report. It is however considered unlikely that column loads would exceed say 200kN with line loads of <50kN/m run of wall. It is considered that the structures will fall within Geotechnical Category 2 (BSEN1997-1).

A plan showing current proposals is included in the figures section of this report. It is understood that the northern units will be moved further to the south to avoid an easement associated with a buried service.

4. SITE HISTORY AND GEO-ENVIRONMENTAL DATA

4.1 Site History

The history of the site was largely determined from an “Envirocheck” report commissioned from Landmark Information Group. The Envirocheck report incorporates historical Ordnance Survey maps covering the period 1886 to 2023, together with information relating to various geo-environmental databases. Historical map extracts are included as Appendix B.

The following review has been predominantly based upon the larger scale (1:2,500 scale) maps as these are easier to interpret. It should be noted that historical maps provide a snapshot at a particular instant in time and may not accurately reflect site history in between surveys.

Relevant information obtained from the historical maps is detailed below:

Date	Scale	Summary
1887-88	1:2,500 1:10,560	<ul style="list-style-type: none"> The earliest available survey dating to 1887-88 shows the site forming part of several fields. A collection of buildings (presumed residential/agricultural) together with a chapel and thought to be associated to the Bodenham Estate were located some 20-100m to the north-west A small old gravel pit is shown located some 20-30m to the west with orchards occupying fields to the north and south The eastern end of a large (400x45m) linear fish pond lies some 180m to the south-west with a north-west to south-east trending railway line (Hereford, Ross & Gloucester Branch) shown located some 250m to the south-west The site is essentially located within a rural area at this time
1904-05	1:2,500 1:10,560	<ul style="list-style-type: none"> Little change from earlier survey although a public footpath is now shown bisecting the site
1929-31	1:2,500 1:10,560	<ul style="list-style-type: none"> Pre-existing field boundaries have been removed, footpath no longer shown and site now forms part of a large “field” with north-western site boundary commensurate with that which exists today. Chapel Farm is now identified in the hamlet of Rotherwas and the former gravel pit now appears to be a pond. The chapel is indicated to be disused The fish pond is shown to be in part occupied by marsh grasses so presumed at least partially silted up.
1953	1:10,560	<ul style="list-style-type: none"> Little change shown from earlier survey
1961	1:10,560	<ul style="list-style-type: none"> Little change from earlier survey
1970-74	1:2,500 1:10,000	<ul style="list-style-type: none"> Significant changes now shown in the general sitewide area with numerous regular, rectangular shaped buildings shown occupying land to the east and south with two buildings showing to encroach upon the south-west corner of the site. Earthwork bunds are shown partially enclosing some of the buildings but not on the site.

Date	Scale	Summary
		<ul style="list-style-type: none"> A single track railway line services these buildings and the line is shown passing centrally across the site. The railway lines have expanded to several lines and identified as a Mineral Railway. To the south of the railway lines are several rectangular buildings and extensive areas of "works" identified to the west Larger scale mapping dating to 1972-73 indicates that the railway line was dismantled by this time.
1985-91	1:2,500 1:10,000	<ul style="list-style-type: none"> Buildings no longer shown occupying south-western corner of the site. Chapel Road has by this time been constructed and a road servicing the buildings to the east is now shown crossing the site Buildings to east now identified as a depot with buildings and extensive development to the west identified as Rotherwas Industrial Estate (variably described as works, warehouses, depots and government buildings Large sewage works identified some 400m to the north-west and western end of fish pond appears to have been infilled by this date
1993-96	1:2,500	<ul style="list-style-type: none"> Little change from earlier survey
1999 Air photo		<ul style="list-style-type: none"> A building is now shown located on the site the footprint of which coincides with the office building which occupies the site today The remainder of the site area appears to be occupied by vehicles, areas of hard standing and probable storage of building materials with occasional bushes and trees located about the site The north-western boundary appears to be tree lined at this time
2000-06	1:10,000	<ul style="list-style-type: none"> Little change from earlier survey and the offices are not shown to be present (cartographic error) Buildings to east identified as Romney Huts
2023	1:10,000	<ul style="list-style-type: none"> Building now shown occupying site Recycling centre now identified to south Fish pond to south-west no longer identified and replaced by vegetation Site and local environment as it exists today

Reference to Google Earth imagery revealed that the eastern end of the fish pond had been infilled by 2006 together with the small gravel pit to the west.

An internet search revealed that the site wide area about Rotherwas was a Royal Ordnance Factory ([ROF Rotherwas - Wikipedia](#)) which dates back to June 1916 and was extensive (incorporating 9 miles of guard fence, 27 miles of standard gauge railway and some 370 buildings, varying in floor area.

The components of shells were all manufactured elsewhere with the facility responsible for final production (filling shells with explosives and fitting detonators). By the end of WW1 70,000 shells were being produced.

ROF Rotherwas was the only ROF facility retained between the wars with shell production carried out throughout WW2. It is understood that the facility closed in 1967 with a large portion redeveloped as an industrial estate. A group of buildings including the Romney Huts to the east have been retained.

Clearly, historical mapping is misleading with none of the buildings forming part of the ROF show on Ordnance Survey mapping until the 1970`s. This was presumably a result of national security during the wars and cold war period.

Given the history of the area, a preliminary and detailed unexploded ordnance (UXO) risk assessments were commissioned from Brimstone Site Investigation Limited. The preliminary study is summarised in Section 5.0 of this report indicates that the site comprised undeveloped ground on the periphery of ROF Rotherwas with the Romney Huts to the east used for the storage of explosives prior to shipment off site with the surrounding earthworks serving as blast protection.

4.2 Environment Agency and Regulatory Enquiries

The “**Envirocheck**” section of the Landmark report is included as Appendix C and has been reviewed in relation to the subject site and indicates the following:

Discharge Consents

There are no active discharge consents located within 500m of the site.

Industrial Site holding Licences and/or Authorisations

There are no active IPC or IPPC Authorisations within 1000m of the site.

There are several active LAPPC Authorisations or enforcements within 1000m of the site. The closest relates to waste oil burners located 238m to the south-west

There is one COMAH inventory relating to Sandling Fireworks located 260m to the south-west. There is further reference to Sandling Fireworks as an explosive site 95m to the south but is not active.

There are no radioactive substance licenses within 1000m of the site.

There are no sites determined as Contaminated Land under Part IIA EPA 1990 within 1000m of the site.

There are no hazardous substance consents or enforcements within 1000m.

Pollution Incidents to Controlled Waters

There are five referenced pollution incidents to controlled waters within 250m of the site. The nearest incident relates to farm effluent slurry located 195m to the north-east in 1994. Further incidents also relate to farm effluent slurry together with one reference to spillage of diesel. All the incidents were to the north and down hydraulic gradient of the site and are not considered significant to the present development.

Landfill Sites & Licensed Waste Management Facilities

There is one historic landfill identified 582m to the south-east and referenced as Dinedor Railway cutting. Deposited was indicated to include inert waste with few other details provided.

There are nine licensed waste management facilities located within 500m of the site. The nearest is the Rotherwas Household Waste Transfer facility located 50-58m to the south.

Hydrogeology & Hydrology

The nearest surface water feature is indicated 70m to the north-east and which appears to be a small pond. The nearest significant water course is the River Wye located some 230m to the north.

The local topography would suggest a preferential groundwater flow direction to the north.

The solid geology and River Terrace Deposits are shown to comprise a Secondary A Aquifer of high vulnerability.

The site is shown to lie outside a Groundwater Source Protection Zone (GSPZ).

There are no referenced water abstractions within 500m of the site. The nearest abstraction lies 606m to the north and relates to surface water abstraction for spray irrigation.

There are no public water supply abstractions referenced.

Flood Risk

The site is indicated to lie within an area at risk of groundwater flooding at surface and is indicated to in an area at risk of extreme flooding (Zone 2). A higher zone 3 flood risk borders the site to the north-west. The site is not indicated to be at risk of surface water flooding.

Designated Environmentally Sensitive Sites

The site is shown to lie within a nitrate vulnerable zone.

Geohazards

Natural Hazards

The report indicates “very low or no hazard” with respect to, collapsible ground, compressible ground, shrinking or swelling clay, running sand, ground dissolution and landslides.

Mining, Extraction & Natural Cavities

The site does not lie within an area likely to be affected by coal mining, mineral or brine extraction.

There is one referenced British Geological Survey (BGS) mineral site identified within 500m. this relates to opencast quarrying of sand and gravel located 34m to the north-west and as identified on historical mapping.

Potentially Infilled Ground

There is one reference to potentially infilled ground located 38m to the north-west and dating to 1985. This appears to be the small gravel pit identified on historical mapping. There is reference to potentially infilled land (water) located 271-288m to the south and west and appear to relate to ponds circa 1890-95 and not considered significant.

Radon

The Envirocheck report indicates that no radon protection measures are required in the construction of new dwellings or extensions.

Trade Directory Enquiries

There are numerous active or inactive trade directory entries within 250m of the site and amongst others variably relate to joiners, builders merchants, garage services, general engineers, concrete, aggregate and gas suppliers, scrap metal merchants, recycling services.

The nearest fuel station entry is located 604m to the south-west.

Consultations

The Local Authority was not separately consulted as part of the review process.

4.3 Potential for Contamination & Conceptual Model

From the available desk study information, the site appears to have formed part of several fields in a rural area to the immediate south-east of the hamlet of Rotherwas until the 1st World War when the sitewide area was developed into Royal Ordnance Factory (ROF) Rotherwas. The site appears to have formed an open section of ground on the border of the AOD Stores (Romney Huts) which are located to the east and south. It appears that the south-west corner of the site was occupied by part of two buildings (presumed Romney Huts) and for a short time the site was crossed by a road and railway line (presumably to distribute live ammunition by train).

From the historical context of the site, it is considered that the site in general represents a low to medium risk of contamination. The main risks would therefore relate to any made ground which may be present upon the site resulting from unidentified use and proximity to an Ordnance Factory and formerly crossed by a railway line. Principal contaminants relating to former activity on the site and may include heavy metals, polyaromatic hydrocarbons (soot, coal, ash associated with steam trains), asbestos (brake shoes) and lubricating oils (rolling stock).

There are no current or historic landfills located within likely influence zone of the site, therefore the possibility of ground gas migration from such sources is considered negligible. There is a small infilled quarry located 38m to the north-west which appears to have been infilled by 1985. The possibility of any significant gas migration from this source is negligible. This also applies to the former fish pond located some 270m to the south.

Given the nature of the local environment (Industrial Estate) there is a potential for the presence of airborne dust from nearby waste disposal and recycling facilities, concrete works and other industrial/commercial use nearby.

A conceptual model is a testable representation of environmental processes on a site and its vicinity. Its purpose is to identify potential contaminants, pathways and receptors with a view to identifying (initially) potential and (eventually) significant pollutant linkages.

A general representation of the potential sources, linkages and receptors (produced in accordance with DEFRA Guidelines (2002)) is presented in the table below:

Primary source	Secondary source	Hazard	Transport mechanism	Pathway	Medium of exposure	Receptor
Unknown constituents of made ground or airborne dust which may be present upon the site resulting from former site use	Possibility of contaminated soils	Range of potential toxic effects	Direct contact with contaminated soils or inhalation of dust or vapours.	Dermal contact at surface or inhalation of dust or vapours	Soil	Humans (Site Workers and end users of the site)
	Potential leaching of contaminants into groundwater	Derogation of groundwater quality	Fluid transport through groundwater	Vertical flow into groundwater through minor aquifer of high leaching potential	Water	Below site groundwater

Sampling and testing for a range of contaminants has formed part of the investigation. Investigations were tailored to give a spread of data across the site.

5.0 PRELIMINARY UNEXPLODED ORDNANCE RISK ASSESSMENT

Brimstone Site Investigation Limited were commissioned to undertake a preliminary unexploded ordnance (UXO) assessment of the site. The report (Appendix G) indicated that a Stage 2 detailed risk assessment is considered necessary prior to groundworks commencing. The Stage 2 detailed risk assessment¹ was commissioned and identified the site as moderate risk. As such UXO safety awareness briefing to all personnel conducting ground works together with a watching brief by EOD Engineer and magnetometer surveys will be required.

¹ Brimstone Stage 2 Detailed UXO Risk Assessment (Ref DRA-24-1663-COGEO6R) dated 19/03/24

6. GROUND INVESTIGATION

6.1 Fieldwork

The fieldwork was carried out in general accordance with BS5930:2015² on 27th February 2024 and comprised six dynamic sampling boreholes.

The exploratory hole locations were selected and set out by CGL taking into account local constraints as shown on Figure 1.

The boreholes referenced WS01-06 (Appendix D), were formed using a track mounted dynamic sampling rig. Following cable avoidance tool (CAT) and magnetometer scans (undertaken by Brimstone UXO), inspection pits were hand excavated to a maximum depth of 1.00m to check for buried services. The remains of a concrete floor slab was observed at a depth of 0.40m in WS01a. The borehole was subsequently moved 3.0m and redrilled as WS01b. This also encountered concrete at a similar depth and the borehole was ultimately relocated a further 3.0m and drilled as WS01.

Following completion of hand excavated inspection pits, dynamic sampling techniques were employed to produce continuous disturbed samples. Further magnetometer scans were carried out prior to each 1.0m drill run. The samples were recovered in semi-rigid plastic liner. The lined samples were extracted horizontally from the sampler and subsequently split longitudinally to facilitate on site logging and sub sampling by a Chartered Geologist.

Standard penetration tests (SPT) were carried out in general accordance with BS EN ISO 22476-3:2005³. A split barrel or solid cone was used and the split barrel samples retained in airtight jars. SPT results are summarised as uncorrected N values or extrapolated N values on the borehole logs and the energy ratio (E_r) of the SPT hammer is confirmed at 71.3%.

The boreholes were monitored for groundwater ingress as boring proceeded. Water levels were also recorded on completion of each borehole and are presented on the log.

² British Standards Institution (2015): Code of practice for site investigations. BS 5930

³ British Standards Institution (2005): Geotechnical investigation and testing – Field testing – Standard Penetration Test. BS EN ISO 22476-3:2005 Part 3.

Standpipes were installed in WS02 and WS05 on completion. The installation details are presented on the relevant log. The remaining boreholes were backfilled with arisings and the ground surface reinstated.

6.2 Logging

A Chartered Geologist carried out the logging of soils and rocks in general accordance with BS5930: 2015. A key to the exploratory hole logs is presented in Appendix D. Detailed descriptions of the samples are given in the exploratory records along with details of sampling, in situ testing, groundwater ingress and relevant comments on drilling techniques.

6.3 Laboratory Testing

A schedule of laboratory tests was prepared by this Company; the following tests being carried out in accordance with BS EN ISO 17892-12, unless stated otherwise. The results are presented in Appendix E.

The natural water content was determined on six selected samples.

Liquid limit, plastic limit and plasticity index tests were carried out on five selected samples. An Atterberg line plot has also been presented.

The pH and water soluble sulphate content of three samples was determined.

Selected soil samples were despatched to Derwentside Environmental Testing Services Limited (DETS) and subjected to in-house chemical analyses for a suite of determinants as tabulated below.

Nr of samples	Type	Determinants
8	Soil	As, Cd, Cu, Pb, Hg, Ni, Se, Zn, Cr, Cr (VI), V, total cyanide, speciated (16) PAH, phenol, pH.
8	Soil	Asbestos screen
3	soil	Extractable Petroleum Hydrocarbon screen

The results are presented in Appendix F.

7. GROUND CONDITIONS & GEOTECHNICAL PROPERTIES

7.1 General

The following sections summarise ground conditions recorded during the investigation which were in general agreement with the published geology of the area and comprise made ground over River Terrace Deposits as summarised in the table below.

Stratum	Location (depth m bgl)					
	WS01	WS02	WS03	WS04	WS05	WS06
Made Ground (to)	1.20	0.90	0.60	0.40	0.90	0.20
Typically firm cohesive River Terrace Deposits (from/to)	1.20-1.95	0.90-1.95	0.60-2.00	0.40-1.95	0.90-1.90	0.20-1.30
Granular River Terrace Deposits (from/to)	1.95-2.45	1.95-2.95	2.00-2.75	1.95-2.95	1.90-2.75	1.30-2.40
SPT N value in gravels	88	5-100	67-111	46-58	45-120	79

The underlying Raglan Mudstone Formation was not proved during this investigation but based on other work in the area, this is likely to be encountered at around 5-7m depth.

7.2 Made Ground

Made ground was encountered across the site to depths ranging 0.20-1.20m depth. The made ground was variable and either comprised (a) grey sandy angular limestone gravel (b) reddish brown silty very sandy gravel of mixed lithologies (c) firm reddish brown silty very sandy clay with a variable proportion of gravel of mixed lithologies (d) reddish brown silty clayey gravelly sand. Fragments of brick, ash, concrete and cast metal were locally observed. The only notable exception was WS04 where the made ground to a depth of 0.40m comprised a grey very sandy ash and clinker gravel.

7.3 River Terrace Deposits (RTD)

Upper Cohesive RTD

Deposits thought to represent cohesive RTD were observed directly below topsoil at all exploratory hole locations below depths of 0.20-1.20m below ground level (bgl).

The upper cohesive RTD was typically described as a reddish brown silty or very silty sandy clay which contained a variable proportion of fine to coarse sub rounded to rounded gravel of mixed lithologies. These soils were essentially firm in consistency. The base of these deposits was proved at depths ranging from 1.95-2.00m bgl across the majority of the site, shallowing to 1.30m in the north (WS06).

Index test performed in the cohesive RTD gave results uniformly falling in Group CL as defined in BS5930 indicating that these deposits have low plasticity. Based upon the modified plasticity index, NHBC Standards⁴ indicate that this soil will typically have no through low volume change potential with variations in moisture content. Results plot very close to the A line suggesting that these soils are very silty in nature.

Standard Penetration Tests (SPT) recorded N values ranging from 4-8 with one anomalously high value of 14 were recorded. Taking into account the energy efficiency of the SPT equipment and correcting to 60% free fall energy results in N_{60} values typically ranging from 5-10 (and 16). These values using typical correlations would suggest soft through firm consistency.

Lower Granular RTD

Lower granular RTD, typically observed as a brown sandy or very sandy fine to coarse sub rounded to rounded gravel of mixed lithologies. The boreholes were all completed within this material at effective refusal to sampling at depths ranging from 2.40-2.95m bgl.

Standard Penetration Tests performed within the granular RTD recorded N values or extrapolated N values typically ranging from 45-120 (N_{60} 50-143) which suggest very dense relative density. One abnormally low N value of 5 ($N_{60} = 6$) was recorded in WS02 but this is thought to be due to disturbance during drilling operations. The results shown that the granular soils are very dense with a characteristic lower bound N_{60} value of 50.

7.4 Groundwater

All the exploratory holes were dry on completion of excavation or drilling operations. Water levels in standpipes installed in WS02 and WS05 were found to be dry at 2.70m and 2.50m respectively on 25th March 2024.

⁴ NHBC Standards (2024) Chapter 4.2 Building near trees

8. DISCUSSION AND CONCLUSIONS

8.1 General

As indicated in Section 3, it is proposed to construct four light industrial units in the eastern section of the site together with car parking facilities, access and areas of soft landscaping.

No details of design loads for foundations were available at the time of compiling this report. It is however considered unlikely that column loads would exceed say 200kN with line loads of <50kN/m run of wall. Given that design loads were not known at the time of compiling this report, the following comments should be viewed as preliminary and subject to review once details are known.

8.2 Foundation Considerations

All redundant foundations associated with any former structures and tree root bowls within the footprint of the new buildings should be fully grubbed out and be replaced with a suitable, compacted structural fill.

It is not considered advisable to found within made ground observed to depths ranging from 0.20-1.20m due to the potentially variable and hence unreliable nature of these deposits. The underlying, typically firm reddish brown very silty sandy clays, based upon a typical characteristic undrained cohesion of 40kPa would limit the presumed allowable bearing capacity to 80kPa for strip or trench fill foundations up to 1.20m wide to give settlements not exceeding 25mm at a minimum proposed foundation depth of 0.75m or 1.00m (allowing for restricted new planting) and subject to penetrating all made ground.

The low plasticity clays and silts will however be very susceptible to disturbance, degradation and potentially softening during excavation and may be considered an unreliable founding stratum. It is therefore considered that all main structural loads should be transferred to the dense gravels typically observed at around 1.90-2.00m bgl where a minimum presumed allowable bearing capacity of 300kPa for strip foundations up to 1.20m wide or for square pad foundations up to 3.0m is considered appropriate to give settlements not exceeding 25mm. Settlements should be immediate and largely taken up during construction. If any obviously loose areas are encountered at formation, then foundations should be deepened to dense gravels accordingly.

As there is no significant vegetation on or about the site, and the clay soils at shallow depth are worst case low volume change potential, void formers or compressible materials to the outside face of external foundations will not be required.

Given the variable thickness of made ground and the possible requirement for grubbing out of existing foundations, suspended beam and block with minimum sub floor void of 200mm or 50mm equivalent void beneath suspended in-situ concrete floors is considered advisable.

A suitable alternative to the above would be to consider simple raft foundations given the regular, rectangular profiles of the proposed units. Made ground would need to be excavated and be replaced with a suitable, compacted structural fill, but subject to this, raft foundations under a distributed load of 35kPa could be expected to give settlements of around 20mm based upon a coefficient of volume compressibility (m_v) of 0.4m²/MN within the firm upper cohesive soils.

8.3 Excavations & Drainage

Subject to the removal of buried obstructions, redundant foundations, floor slabs etc, excavation to anticipated formation levels should be within the scope of conventional plant.

Groundwater is unlikely to be met during groundworks on the site. It is however considered that trial excavations should be carried out shortly before commencement of groundworks if foundations taken down to the gravels are adopted to allow further assessment of surface or groundwater ingress.

If any potentially unstable excavations are to be entered then the sides should be battered back and/or shoring methods and equipment should be utilised in accordance with the relevant Health and Safety Acts.

Soakaway testing was not carried out during this phase of work. The gravels observed below 1.90-2.00m generally and below 1.30m toward the northern boundary of the site are likely to be suitable for the discharge of surface water and should be subjected to testing in due course.

8.4 Buried Concrete

BRE Special Digest 1⁵ (2005) is used to assess the soil in respect of buried concrete. Results of analysis indicate that the site falls within Class DS-1 to give an overall ACEC Class AC-1 recommended for design.

8.5 Ground Gas

Radon

The Envirocheck report indicates that no radon gas protection measures will be required in the construction of new dwellings or extensions.

Methane/Carbon Dioxide

There are no potential significant sources of these ground gases within influence zone of the development and precautions are not therefore warranted.

8.6 Contamination Considerations

Basis of Assessment – Soils

The results of ground investigation works have been assessed utilising a Tier 1 quantitative risk assessment. The risk assessment methodology used is taken from the Environment Agency (EA) R&D Publication 20 'Methodology for the Derivation of Remedial Targets for Soil and Groundwater to Protect Water Resources'. The tiered approach acts as a screening process whereby low risk sites are eliminated in order to identify sites that present the greatest environmental risks. The information obtained from the site investigation is used to characterise any contaminant source and subsequently to identify any sensitive environmental receptors and appropriate target concentration at the receptor.

In December 2013 the output of a DEFRA funded research project (SP1010)⁶ was published and included a draft methodology for determining Human Health Category 4 Screening Levels

⁵ Building Research Establishment (2005): Concrete in aggressive ground. BRE Special Digest 1, Part C. Third Edition.

⁶ CL:AIRE (2013) Development of category 4 screening Levels for the assessment of land affected by contamination

(C4SLs). In March 2014, DEFRA published a Policy Companion Document to accompany the research which endorsed the draft methodology. The C4SLs represent estimates of contaminant concentrations in soils that can, when used in accordance with defined risk assessment methodology be used to determine whether land is clearly not contaminated for human health receptors for specified land uses within the context of Part 2A. The methodology developed for determining C4SLs is described as being strongly precautionary, but has been based upon a pragmatic approach to contaminated land risk assessment adopting an acceptably low, rather than minimal level of risk as defined by EA (CLEA) Soil Guideline Values (SGV's).

In October 2014, NHBC⁷ ratified use of C4SLs which may be used for schemes in England and Wales as generic screening values for contaminants in soils, as long as they are justifiable and defensible in the conceptual site model for the site. Where representative contaminant concentrations exceed C4SLs, remediation or further detailed assessment will normally be required.

Contamination test from the investigation are represented in Appendix F.

Comparison of Results - Soil

Given that the site will be developed as light industrial units, the derived values of contaminants obtained from analysis were compared with the C4SLs for **commercial end use**. Where no C4SL's were available, the analysis results were compared with the generic guidelines published by LQM/CIEH ('The LQM/CIEH S4ULs for Human Health Risk Assessment'- CIEH 2015). A Soil Organic Matter of 1.0% SOM was assumed.

General Contaminants

Contaminant	Concentration ranges (number of samples = 8)	GACs (mg/kg)	Exceedance Location
Arsenic	≤12mg/kg	37 [640]	
Cadmium	≤1.0mg/kg	26 [420]	
Chromium (III)	≤92mg/kg	910 [8600]	
Chromium (VI)	≤1.0mg/kg	21 [49]	

⁷ NHBC (October 2014) Technical extra, Issue 15

Contaminant	Concentration ranges (number of samples = 8)	GACs (mg/kg)	Exceedance Location
Copper	≤74mg/kg	2,400 [68,000]	
Lead	≤95mg/kg	200 [2,200]	
Mercury	≤0.33mg/kg	40 [1,100]	
Nickel	≤45mg/kg	130 [980]	
Phenol	≤0.8mg/kg	120 [440]	
Selenium	≤0.6mg/kg	250 [12,000]	
Vanadium	≤110mg/kg	410 [9,000]	
Zinc	≤140mg/kg	3,700 [730,000]	

GACs derived from Land Quality Management (LQM)/CIEH Values (2015) for residential end use with home grown produce. CS4SL (residential with home grown produce). [LQM/CIEH (2015) value for commercial use]

When compared with the GAC screening values for published SGV's, C4SLs or LQM/CIEH values, there were no exceedances which could be considered to present an unacceptable risk to end users of the site in the context of proposed commercial use. The results were also all below the much more stringent guideline values for residential end use with plant uptake.

Polyaromatic Hydrocarbons

Contaminant	Concentration ranges number of samples = 8	GACs (mg/kg)	Exceedance Location
Naphthalene	≤0.2mg/kg	2.3 [190]	
Acenaphthylene	≤0.3mg/kg	170 [83,000]	
Acenaphthene	≤0.4mg/kg	210 [84,000]	
Fluorene	≤0.2mg/kg	170 [63,000]	
Phenanthrene	≤3.3mg/kg	95 [22,000]	
Anthracene	≤1.2mg/kg	2,400 [520,000]	
Fluoranthene	≤11mg/kg	280 [23,000]	
Pyrene	≤11mg/kg	620 [54,000]	
Benzo(a)anthracene	≤7.0mg/kg	7.2 [170]	
Chrysene	≤7.4mg/kg	15 [350]	
Benzo(b)fluoranthene	≤6.4mg/kg	2.6 [44]	
Benzo(k)fluoranthene	≤4.0mg/kg	77 [1200]	
Benzo(a)pyrene	≤8.5mg/kg	5 [35]	
Benzo(ghi)perylene	≤5.9mg/kg	320 [3900]	

Contaminant	Concentration ranges number of samples = 8	GACs (mg/kg)	Exceedance Location
Dibenzo(ah)anthracene	<1.3mg/kg	0.24 [3.5]	
Indeno(123-cd)pyrene	≤5.9mg/kg	27 [500]	

GACs derived from Land Quality Management (LQM)/CIEH Values (2015) for residential end use with home grown produce. CS4SL (residential with home grown produce). [LQM/CIEH (2015) value for commercial use]

When compared with the GAC screening values for published SGV's, C4SLs or LQM/CIEH values, there were no exceedances which could be considered to present an unacceptable risk in the context of the proposed commercial end use of the site. Furthermore the results were also all below the much more stringent guideline values for residential end use with plant uptake for the majority of PAH with the exception of the shallow ash and clinker observed in WS04.

Asbestos Screen

Selected soil samples were tested for the presence of asbestos fibres and recorded a negative presence.

Extractable Petroleum Hydrocarbons (EPH)

EPH screen tests were carried out on selected samples and recorded maximum lubrication range organics of 330mg/kg in WS03. Gasoline range organics were below routine detection level of 0.1mg/kg and diesel range organics ranged from 25-45mg/kg. The EPH levels are not considered significant. The values are all well below the relevant GAC for commercial use and are not considered significant.

8.7 Risk Assessment & Recommendations

8.7.1 Qualitative Risk Assessment

To determine the potential for contamination from the site, it is necessary to establish whether an environmental risk is present. For a potential risk to occur it is necessary to understand whether contaminants are present; what (if any) are the target receptors within and surrounding the site, and whether pathways exist, or could exist, between the contaminant and the receptor;

Source (e.g. primary sources – leaking above ground storage tanks; secondary sources – free phase product within the ground or soil/groundwater migration).

Receptor (e.g. on-site contractor, off-site residential property, groundwater, surface water and fauna and flora).

Target mechanism between the source and receptor (e.g. groundwater migration), i.e. *Pathway*.

Following the findings of the ground investigation and chemical testing a further conceptual model/qualitative risk assessment has been carried out to identify whether any significant pollutant linkages are present at the site.

Source	Pathway	Receptor	Potential Significant Pollutant Linkage	Control Measures to be implemented
Made ground and natural soils	Dermal contact with soils	Construction staff	No – elevations below the relevant guidelines values considered to be appropriate to construction staff.	Appropriate and suitable PPE, welfare facilities, good hygiene practice. A careful watch for unidentified contamination hotspots should be maintained
		Future site occupants	No – elevations below the relevant guidelines values considered to be appropriate to end users.	
	Ingestion of contaminated soil	Construction staff	No – elevations below the relevant guidelines values considered to be appropriate to construction staff.	
		Future site occupants	No – elevations below the relevant guidelines values considered to be appropriate to end users.	
	Inhalation of indoor and outdoor dust	Construction staff	No – elevations below the relevant guidelines values considered to be appropriate to construction staff.	
		Future site occupants	No – elevations below the relevant guidelines values considered to be appropriate to end users.	
	Migration into underlying groundwater	Groundwater and possible onward migration to surface water bodies	No – groundwater not encountered. No exceedances recorded and do not warrant further consideration in terms of leachability	None required
Radon gas	Soil/bedrock	Future site occupants	No	No radon protection measures required

8.7.2 Remedial Measures

No exceedances of contaminants above commercial guidelines were recorded on the site and therefore remedial works with regard to contamination are not warranted.

A close watch should be maintained on site for any potential contamination hotspots not revealed by this investigation and if encountered, further advice should be sought. Topsoil will be required to be imported for soft landscaping and should meet the requirements of BS3882 and be suitable for use in a commercial setting.

The recommendations given are subject to agreement with Local Authority and it is advised that liaison with this body is undertaken prior to any development commencing at the site.

8.7.3 Waste Disposal

It is recommended that results from the chemical analysis are forwarded to the preferred landfill operator to undertake their own assessment. If assessment, based on these results suggests that the material may be hazardous, then WAC analyses should be carried out for appraisal. Should assessment place materials into different waste streams, the materials should be separately stockpiled for subsequent disposal.

Registration of the site with the Environment Agency may also be required before materials are despatched. We recommend that sufficient consultation is carried out with the waste disposal facility prior to despatching any materials from site.

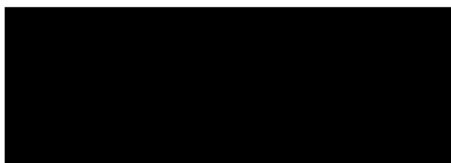
9. GENERAL REMARKS

The comments given in this report and the opinions expressed assume that ground conditions do not vary beyond the range revealed by this investigation. There may however, be conditions at or adjacent to the site, which have not been disclosed by the investigation and which, therefore, have not been considered in this report. Accordingly, a careful watch should be maintained during any future groundworks and the recommendations of this report reviewed as necessary.

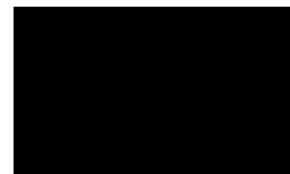
This report has been prepared for The Client and their agents in accordance with the terms and conditions of the appointment of CGL. This report shall not be relied upon or transferred to other parties without the express written consent of CGL. Should any information contained within this report be used by any unauthorised third party it is done so at their own risk and shall not be the responsibility of CGL.

The comments given in this report and the opinions expressed are based on a variety of sources which CGL believes to be reliable but cannot guarantee their authenticity or reliability. There may however, be information for the site and its surrounding area that has not been obtained in this study and therefore has not been considered in this report. Accordingly, a careful watch should be maintained during any future development and the recommendations of this report reviewed as necessary.

CORE GEOTECHNICS LIMITED



R H Smy BSc CGeol FGS
Director



P Smith BSc MSc CGeol FGS
Director

FIGURES




APPENDIX A

ENVIROCHECK – GEOLOGY EXTRACTS












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

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Faults		

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFSDD	Glaciofluvial Sheet Deposits, Devensian	Sand and Gravel	Not Supplied - Devensian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTD2	River Terrace Deposits, 2	Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTD4	River Terrace Deposits, 4	Sand and Gravel	Not Supplied - Quaternary
	RTD3	River Terrace Deposits, 3	Sand and Gravel	Not Supplied - Quaternary
	LUG3	River Terrace Deposits, 3 (Lugg)	Sand and Gravel	Not Supplied - Quaternary
	LUG4	River Terrace Deposits, 4 (Lugg)	Sand and Gravel	Not Supplied - Quaternary
	LUG1	River Terrace Deposits, 1 (Lugg)	Sand and Gravel	Not Supplied - Quaternary
	LUG2	River Terrace Deposits, 2 (Lugg)	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SMG	St Maughans Formation	Argillaceous Rocks and [Subequal/Subordinate] Sandstone, Interbedded	Not Supplied - Early Devonian
	SMG	St Maughans Formation	Sandstone	Not Supplied - Early Devonian
	RG	Raglan Mudstone Formation	Siltstone and Mudstone, Interbedded	Not Supplied - Pridoli
	RG	Raglan Mudstone Formation	Sandstone	Not Supplied - Pridoli

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Geology 1:50,000 Maps

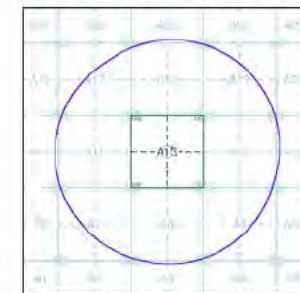
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	215
Map Name:	Rose on Wye
Map Date:	2000
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



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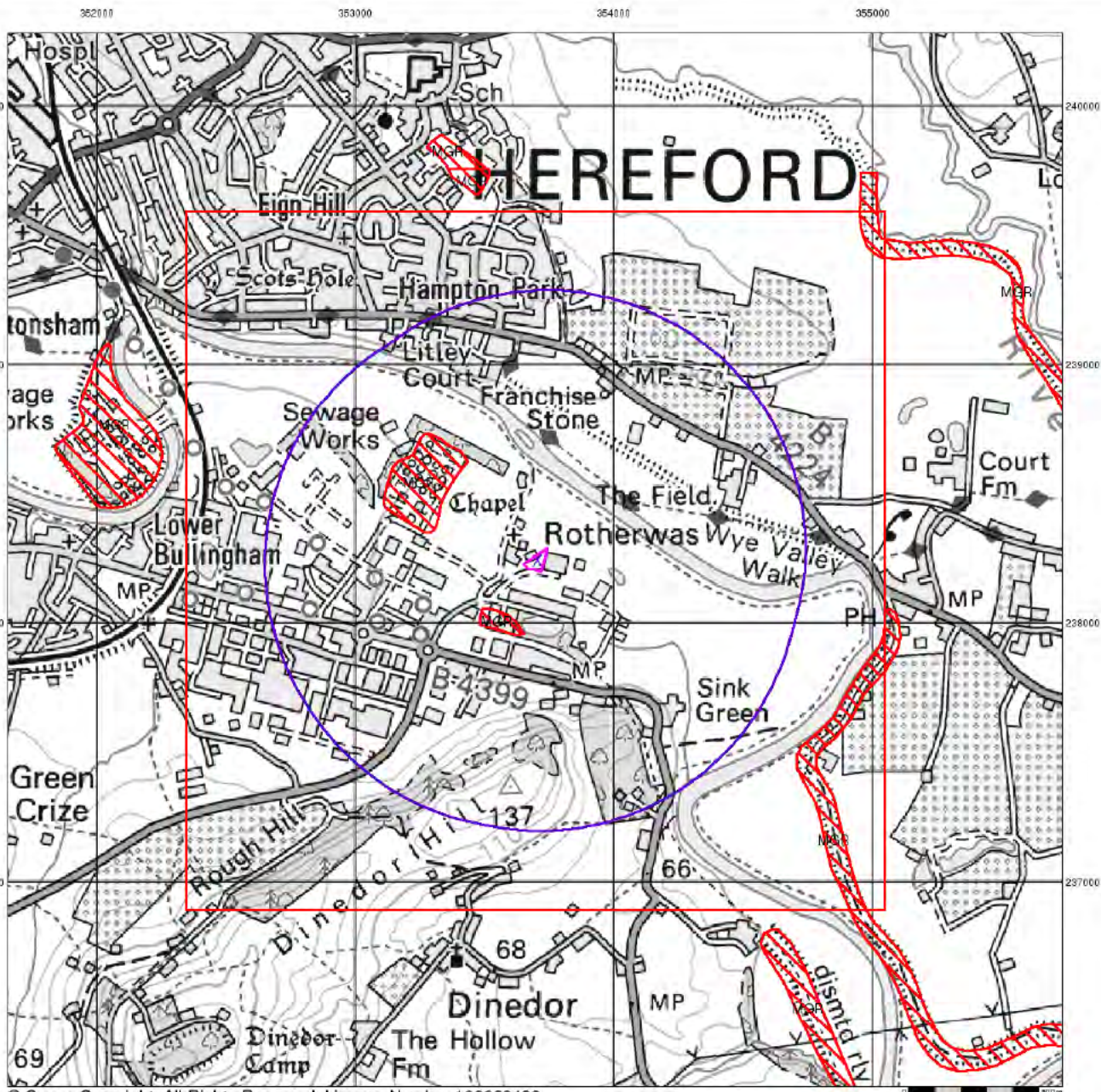
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Customer Reference:	24026
National Grid Reference:	353700, 238240
Site:	A
Site Area (Ha):	0.38
Search Buffer (m):	1000

Site Details:

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD

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Artificial Ground and Landslip

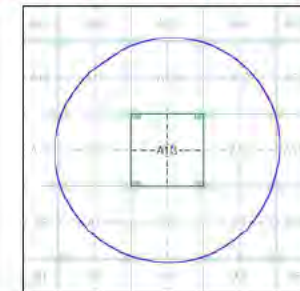
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

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 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details:

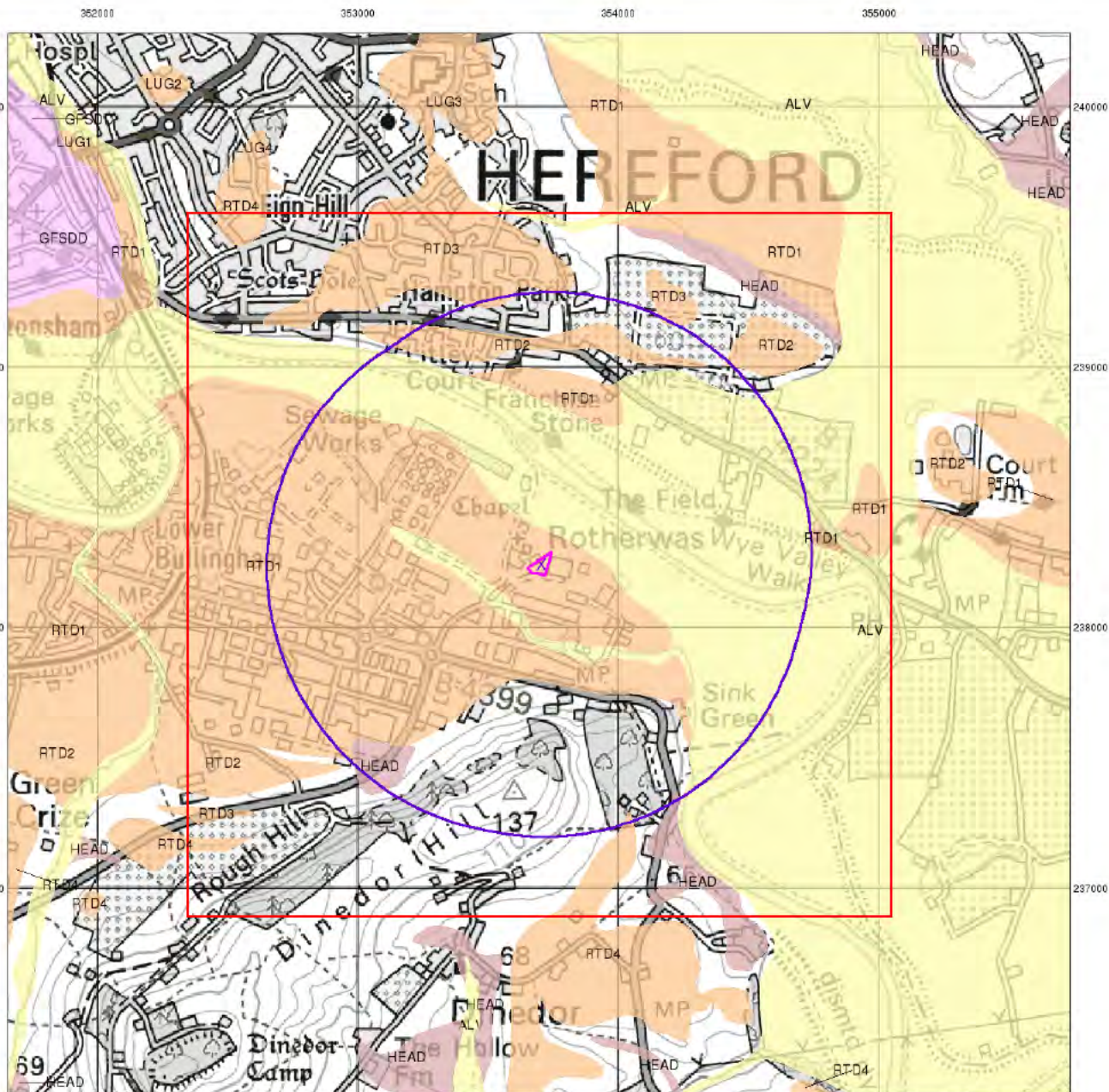
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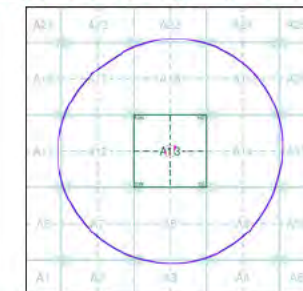
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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National Grid Reference: 353700, 238240
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Site Area (Ha): 0.38
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Site Details:

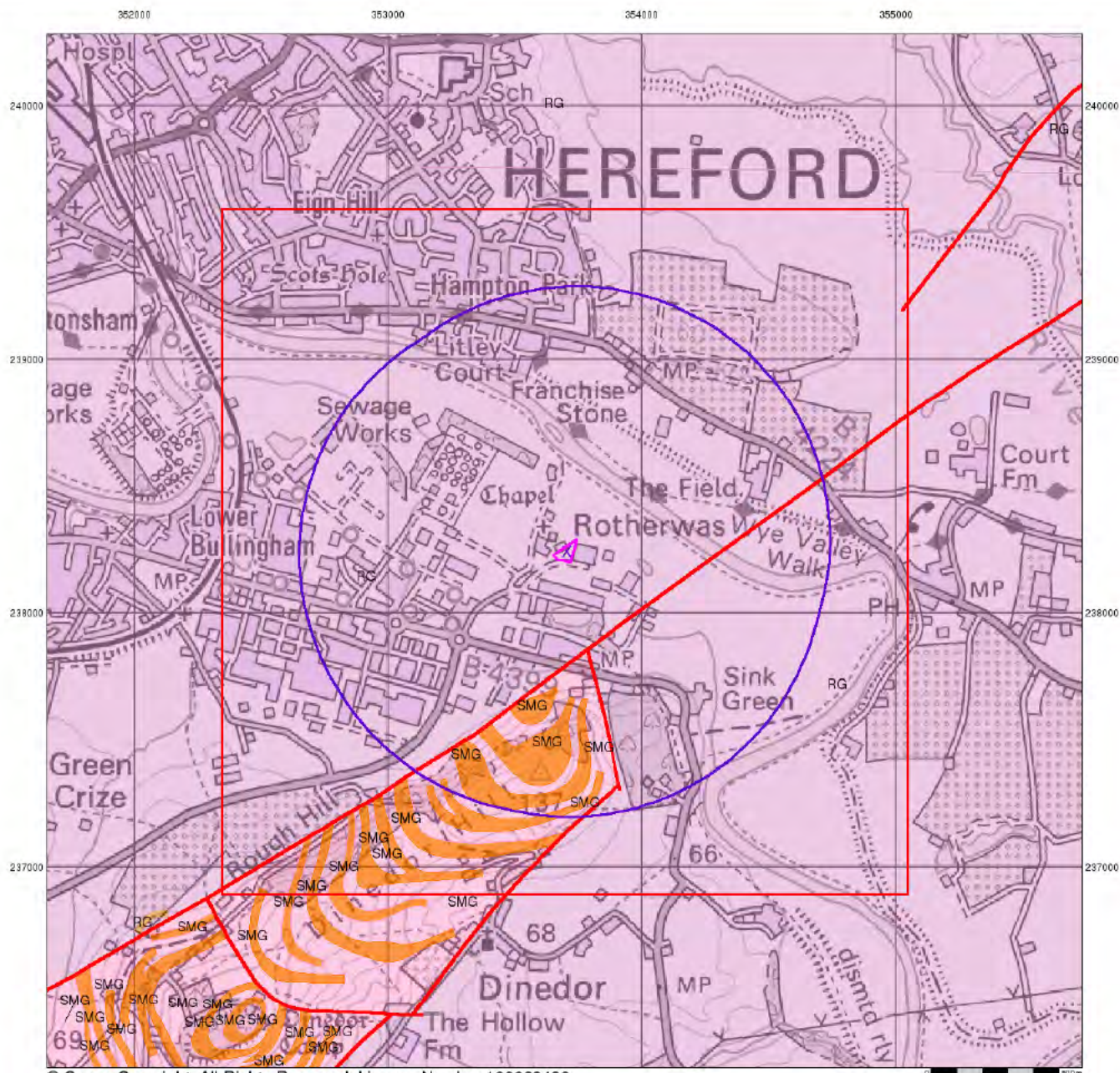
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Bedrock and Faults

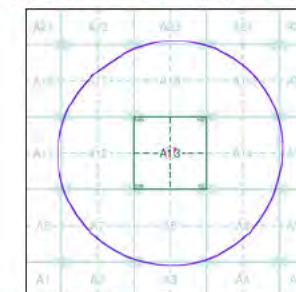
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

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Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details:

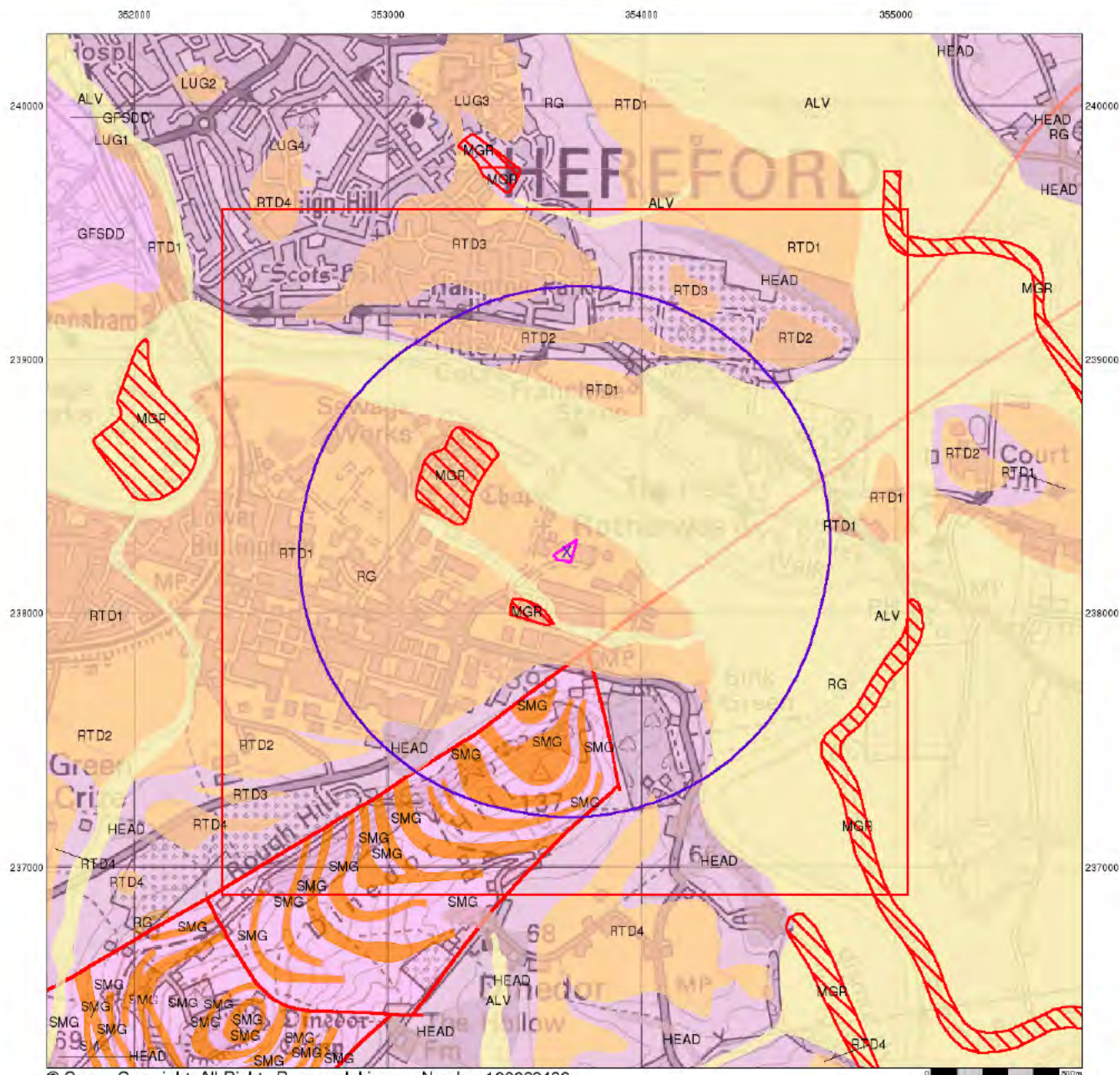
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Combined Surface Geology

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

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

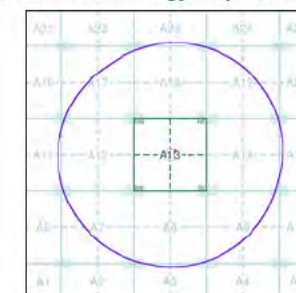
Additional Information

More information on 1:50,000 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: 334539417_1_1
Customer Reference: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
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APPENDIX B

ENVIROCHECK- HISTORICAL MAPS

Historical Mapping Legends

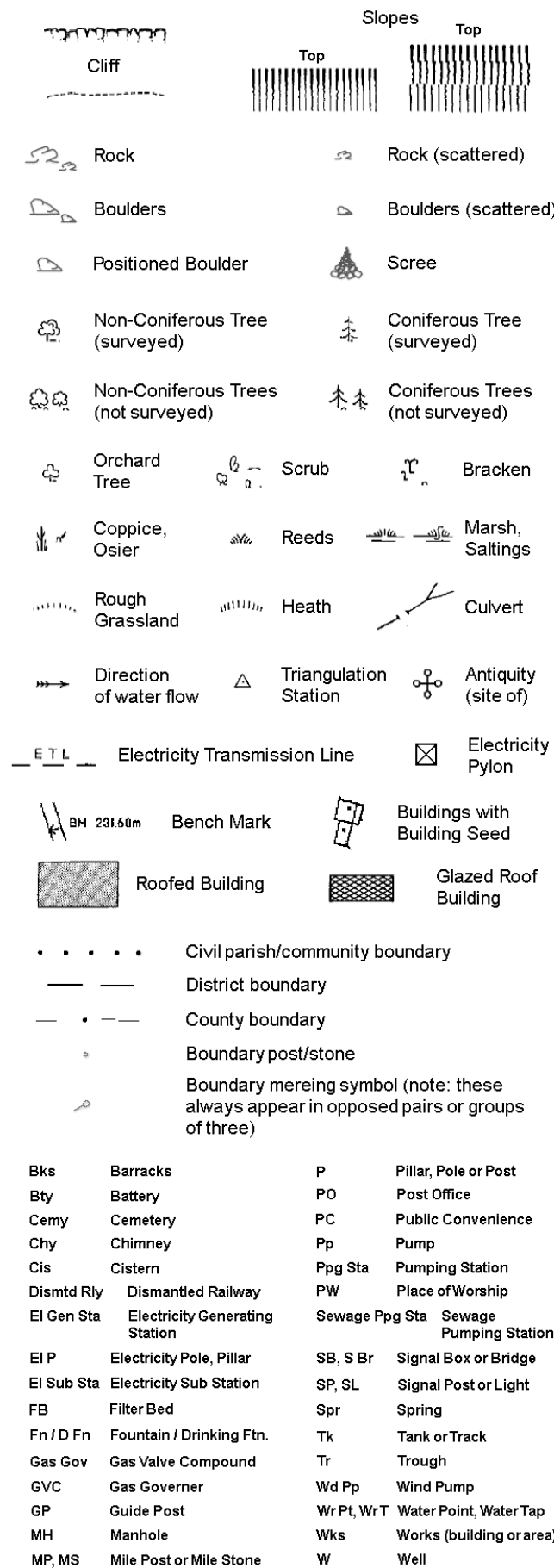
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



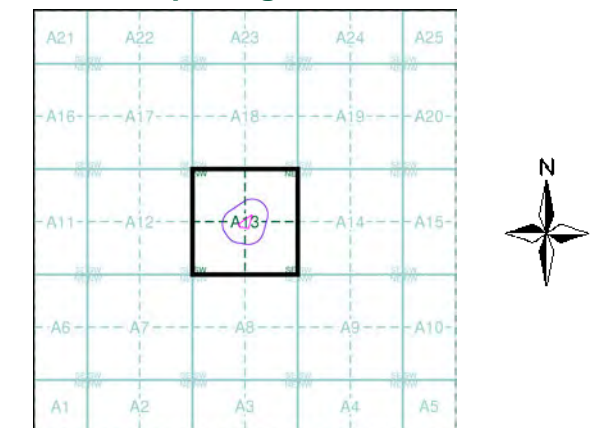
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Herefordshire	1:2,500	1888	2
Herefordshire	1:2,500	1904	3
Herefordshire	1:2,500	1929	4
Ordnance Survey Plan	1:2,500	1972 - 1974	5
Additional SIMs	1:2,500	1977 - 1982	6
Ordnance Survey Plan	1:2,500	1988 - 1991	7
Large-Scale National Grid Data	1:2,500	1993	8
Large-Scale National Grid Data	1:2,500	1995	9
Large-Scale National Grid Data	1:2,500	1996	10
Historical Aerial Photography	1:2,500	1999	11

Historical Map - Segment A13



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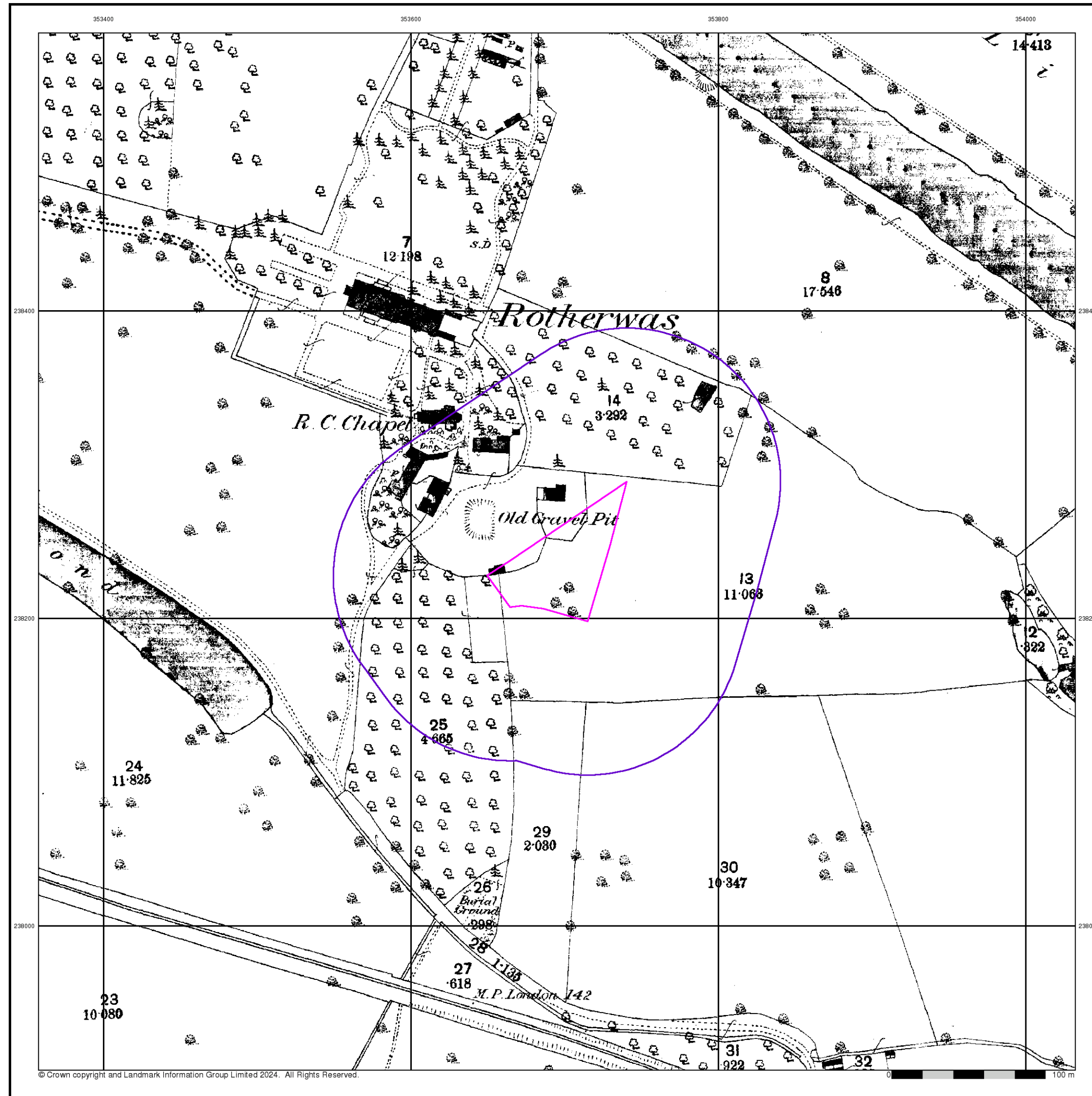
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Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

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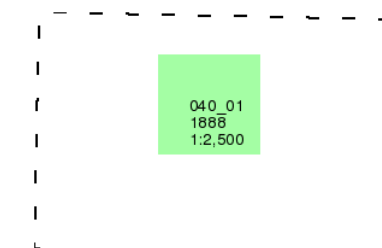
Herefordshire

Published 1888

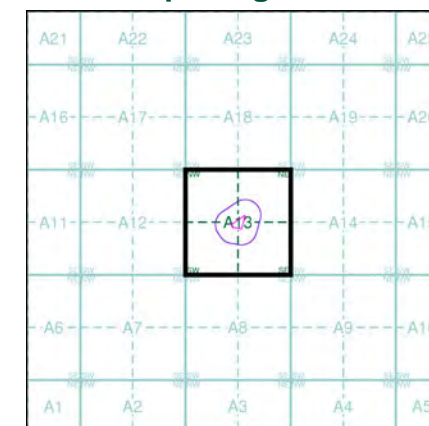
Source map scale - 1:2,500

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

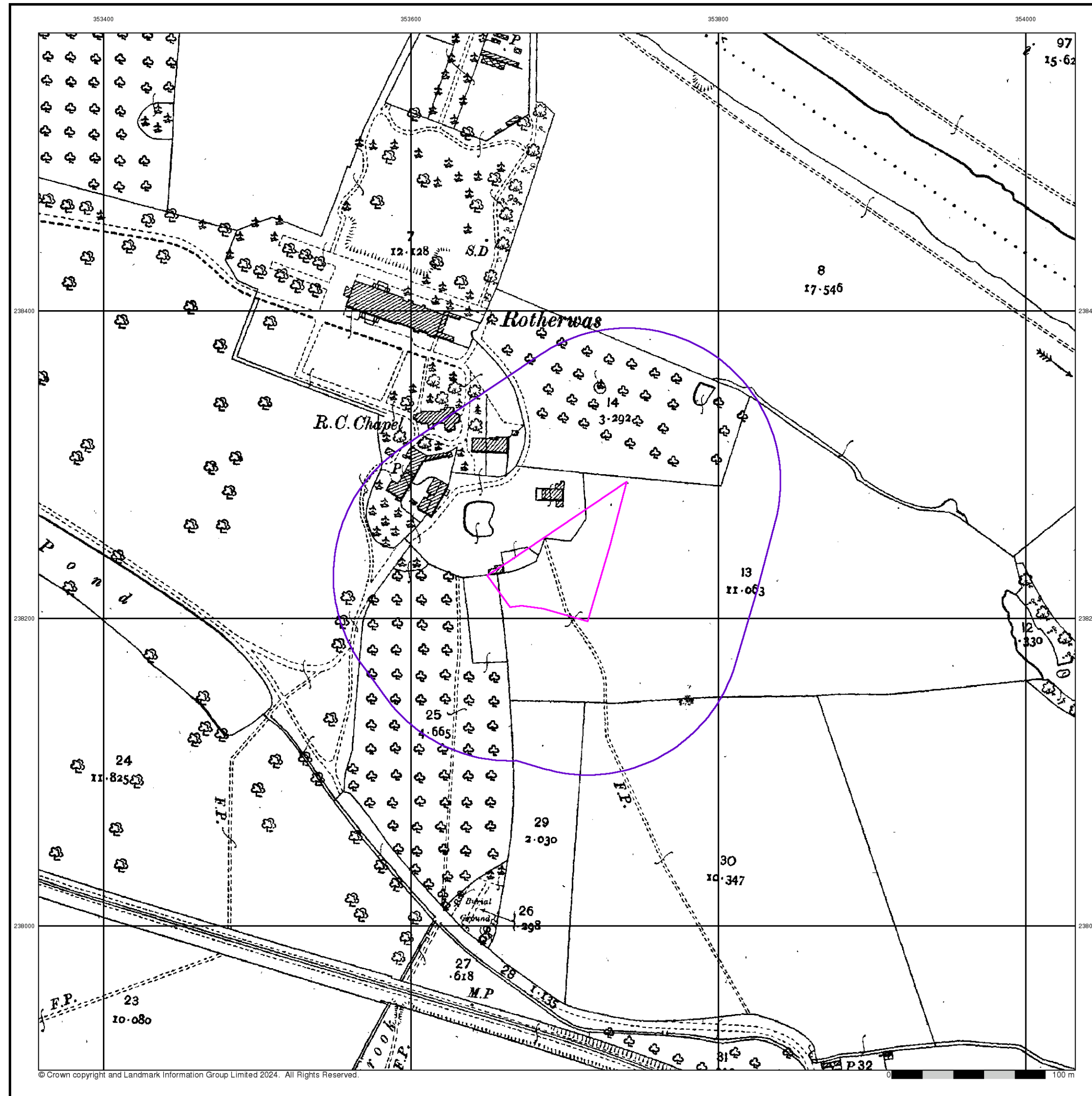


Order Details

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Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

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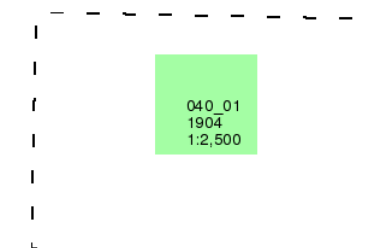
Herefordshire

Published 1904

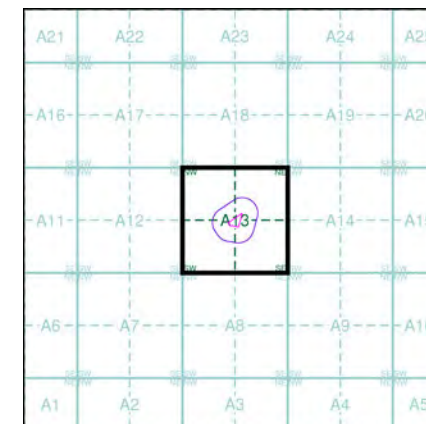
Source map scale - 1:2,500

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

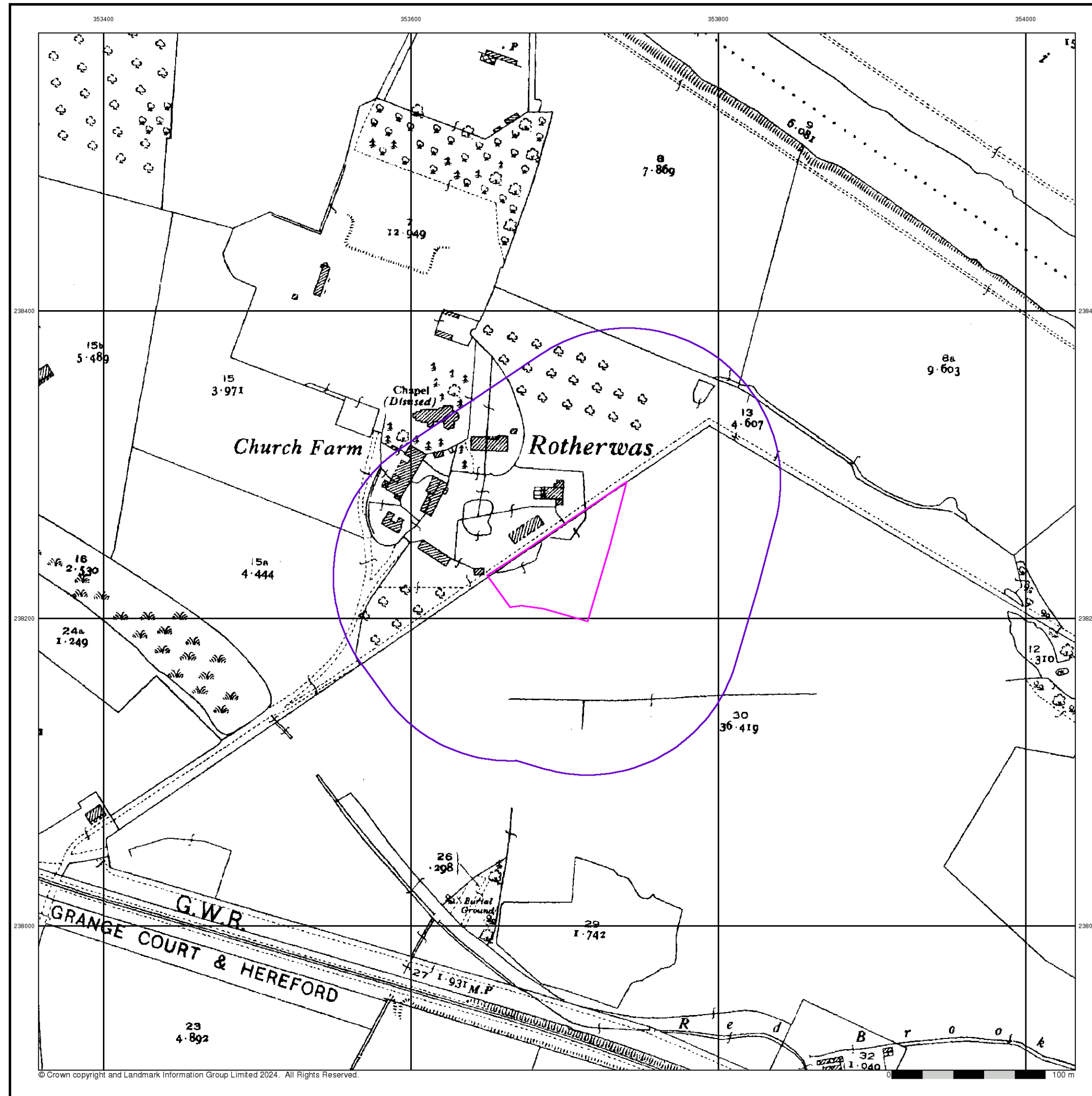
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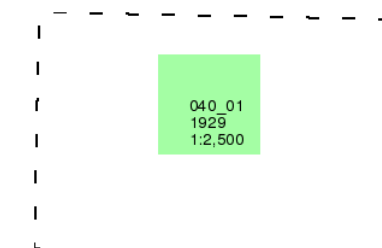
Herefordshire

Published 1929

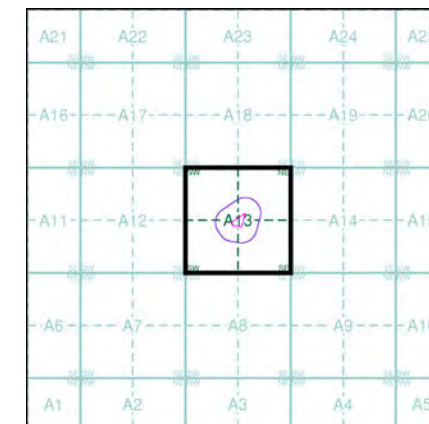
Source map scale - 1:2,500

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

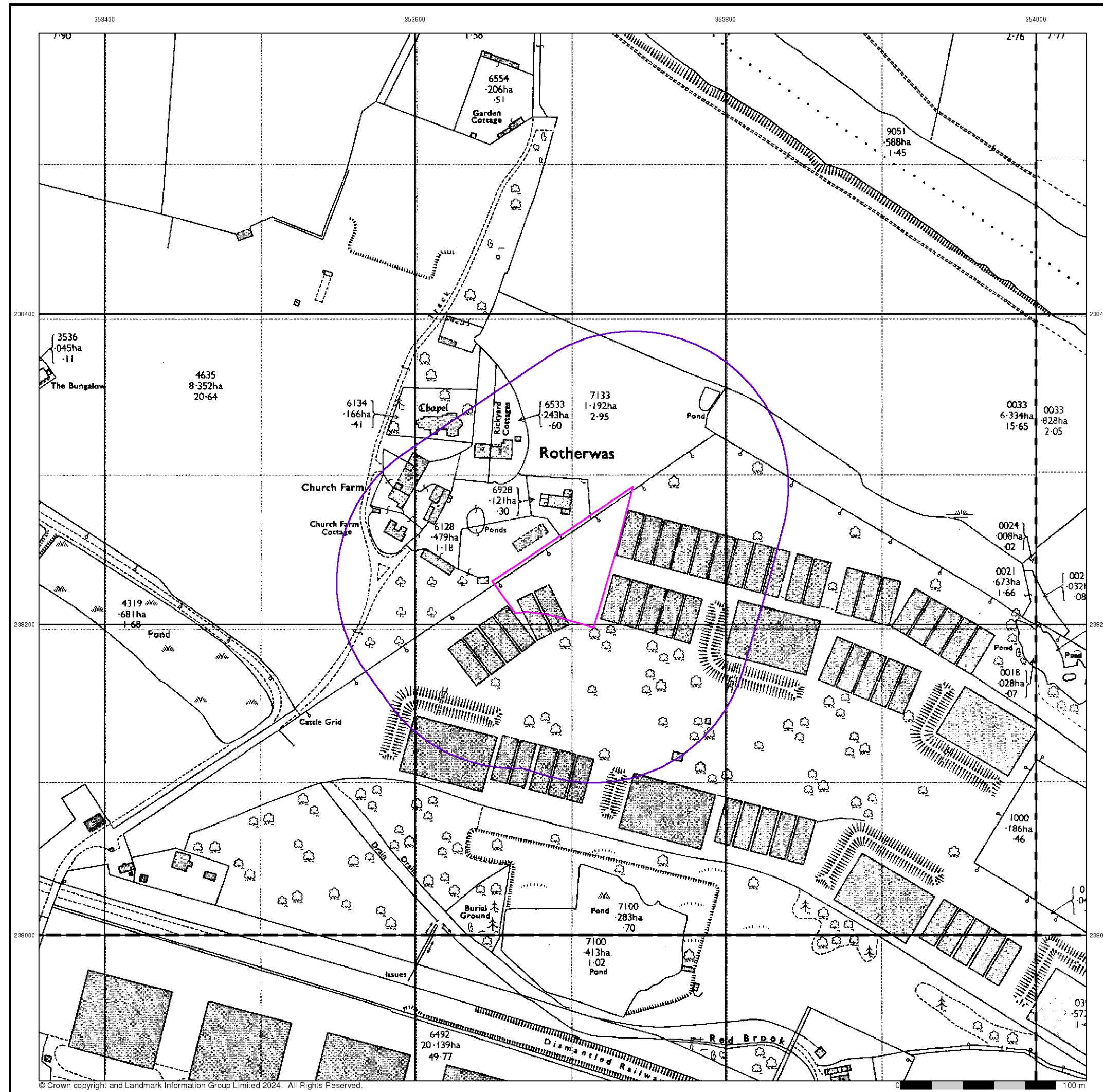
Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HERFORD, HR2 6LD

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Web: www.envirocheck.co.uk



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Ordnance Survey Plan

Published 1972 - 1974

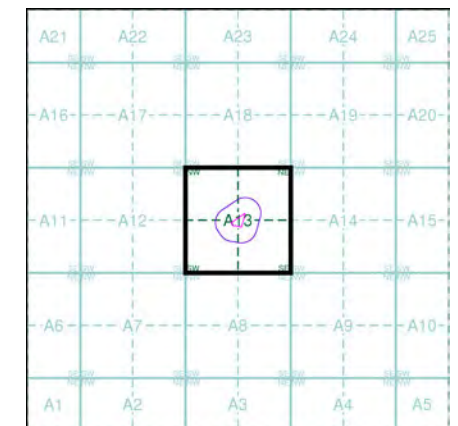
Source map scale - 1:2,500

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)

SO5338 1973 12,500	SO5438 1974 12,500
SO5337 1972 12,500	SO5437 1973 12,500

Historical Map - Segment A13

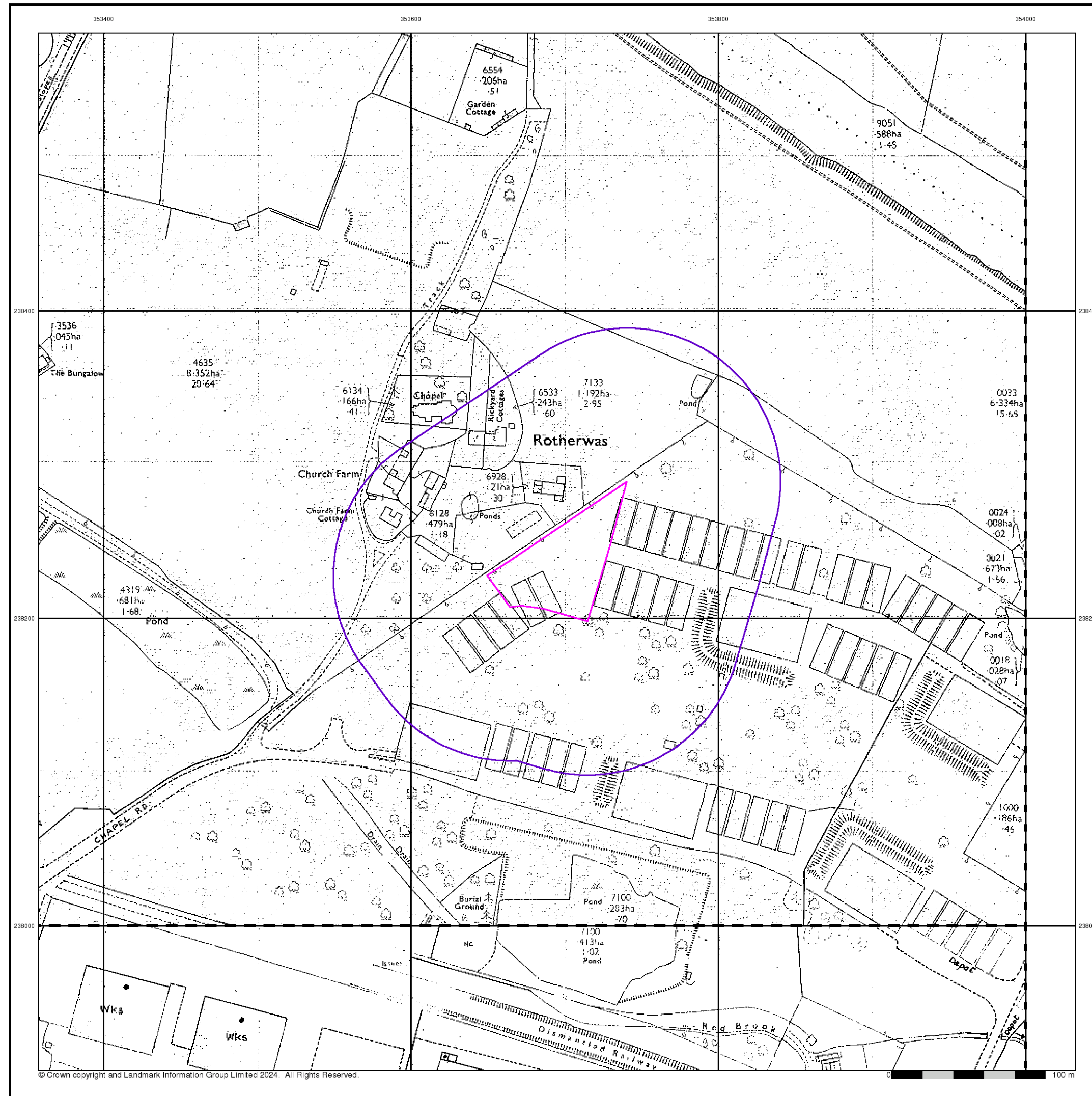


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

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Additional SIMs

Published 1977 - 1982

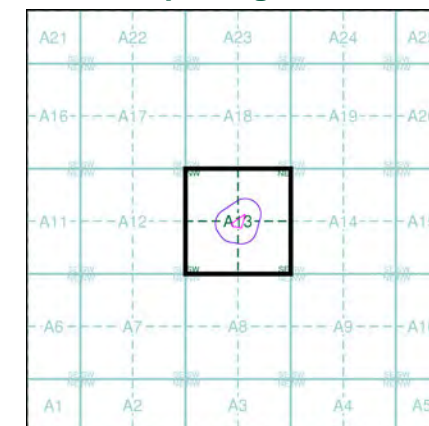
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO5338	1977	1:2,500
SO5337	1982	1:2,500

Historical Map - Segment A13

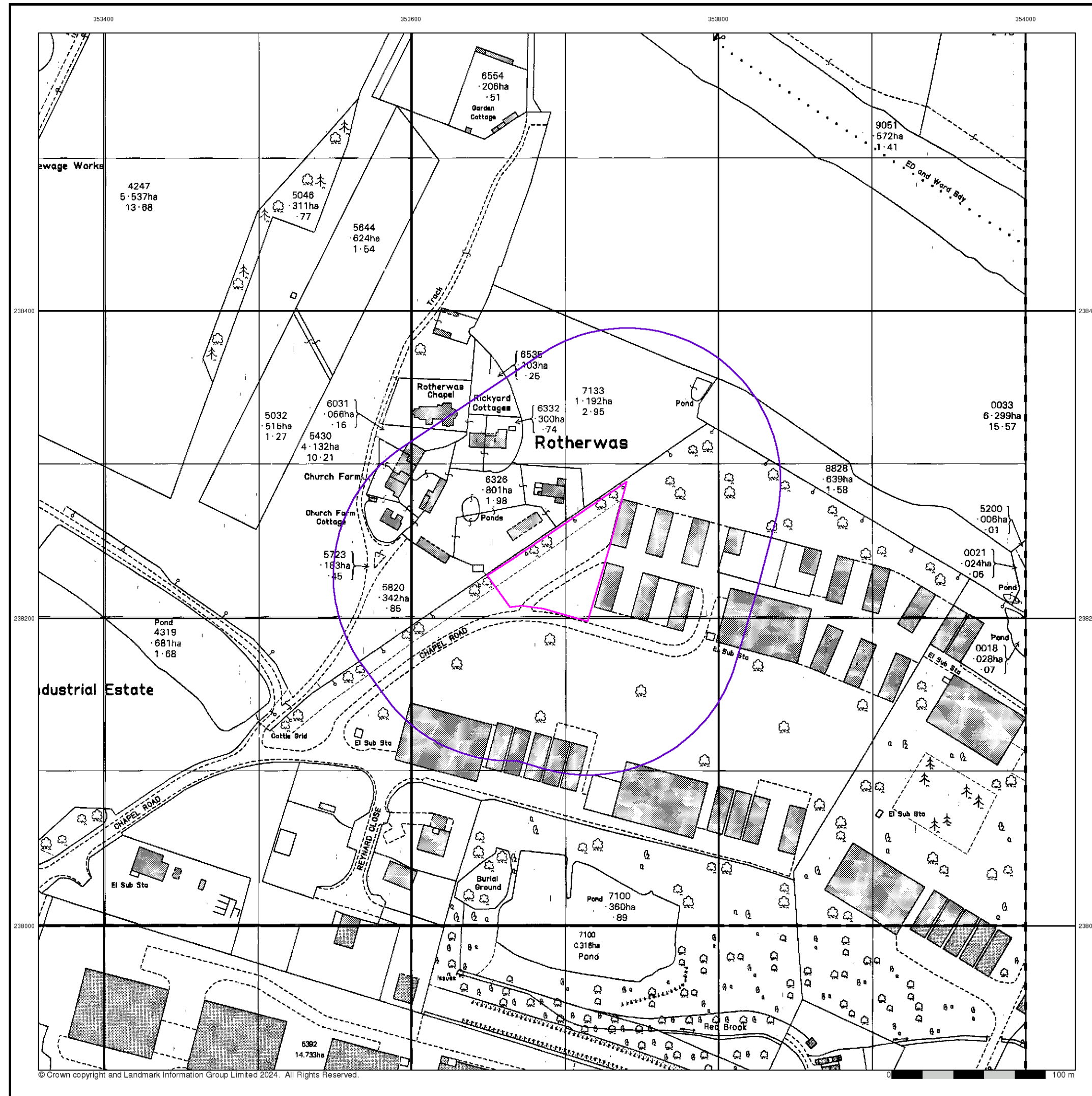


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

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Ordnance Survey Plan

Published 1888 - 1891

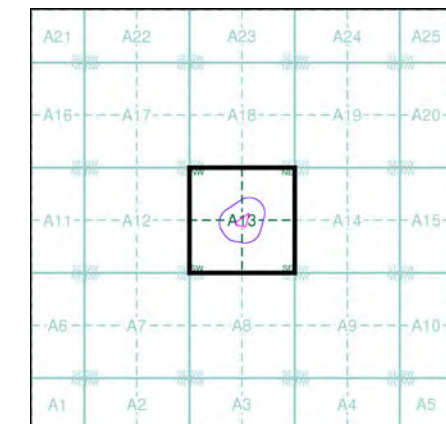
Source map scale - 1:2,500

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)

SO5338
1988
1:2,500
SO5337
1991
1:2,500

Historical Map - Segment A13

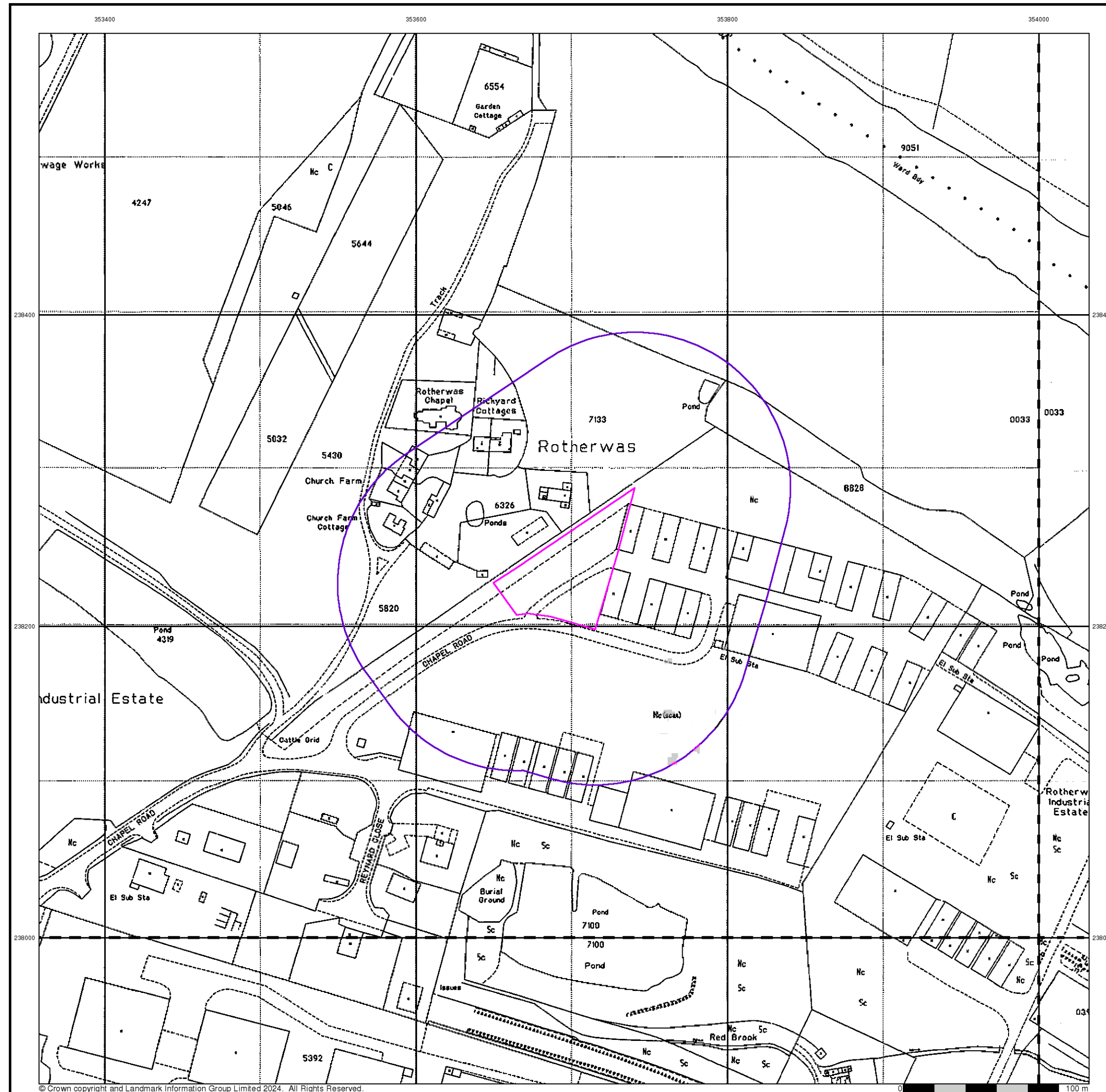


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

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Large-Scale National Grid Data

Published 1993

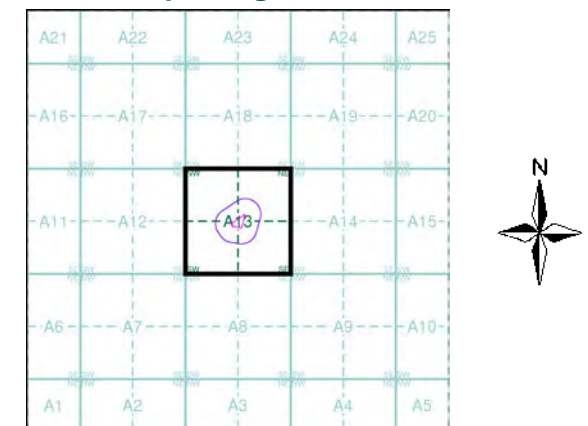
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO5338 1993 12,500	SO5438 1993 12,500
SO5337 1993 12,500	SO5437 1993 12,500

Historical Map - Segment A13



Order Details

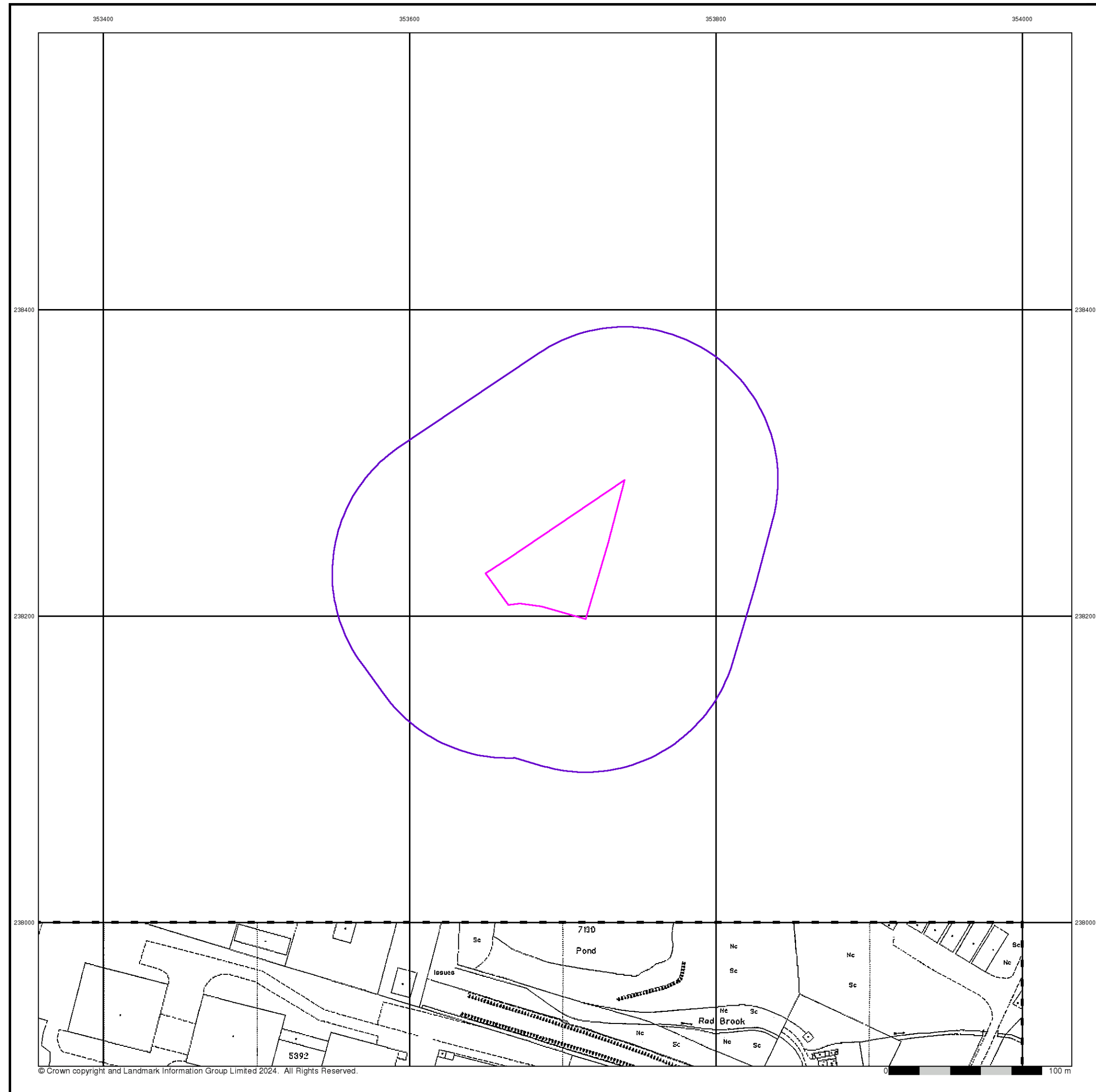
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Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	100

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Large-Scale National Grid Data

Published 1995

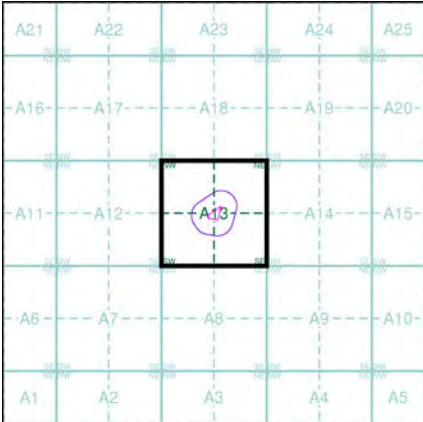
Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO5337
1995
1:2,500

Historical Map - Segment A13

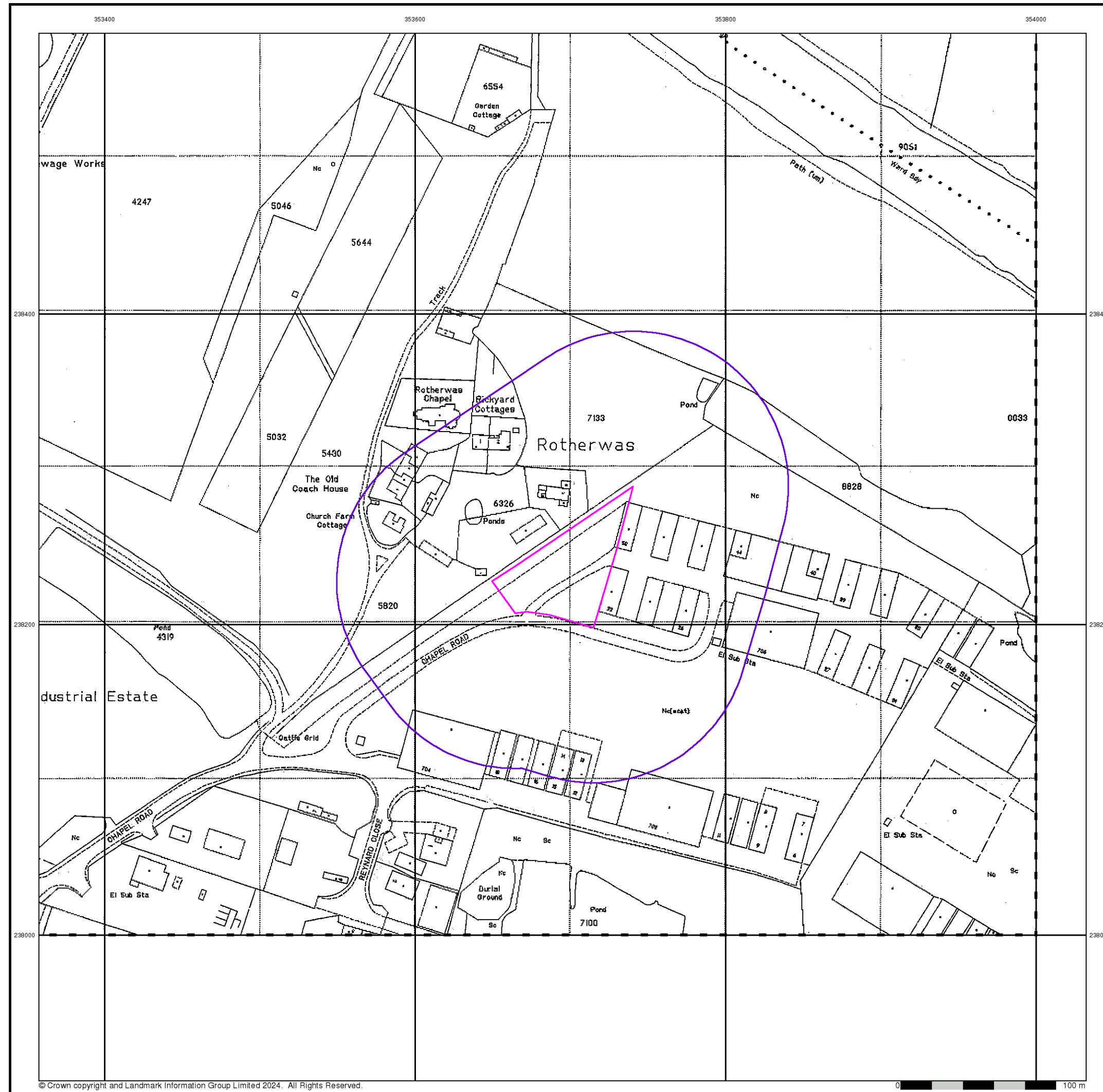


Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	100

Site Details

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Large-Scale National Grid Data

Published 1996

Source map scale - 1:2,500

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

Map Name(s) and Date(s)

SO5338

1996

1:2,500

Historical Map - Segment A13

Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
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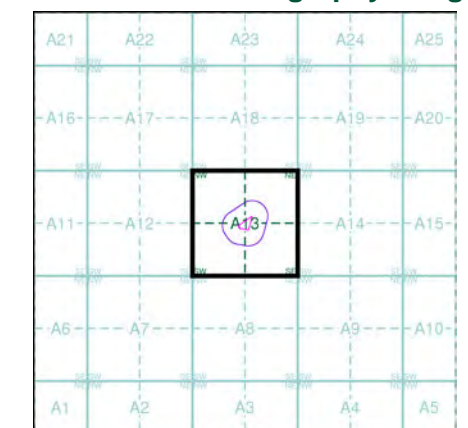


Historical Aerial Photography

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: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 100

Site Details

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Bracken		Heath
	Marsh		Reeds
	Building		Glasshouse
	Sloping Masonry		Pylon
	Cutting		Embankment
	Road Under		Road Over
	Level Crossing		Foot Bridge
	Standard Gauge Multiple Track		Standard Gauge Single Track
	Siding, Tramway or Mineral Line		Narrow Gauge
	Geographical County		Administrative County, County Borough or County of City
	Municipal Borough, Urban or Rural District, Burgh or District Council		Borough, Burgh or County Constituency
	Civil Parish		
	Boundary Post or Stone		Police Station
	Church		Post Office
	Club House		Public Convenience
	Fire Engine Station		Public House
	Foot Bridge		Signal Box
	Fountain		Spring
	Guide Post		Telephone Call Box
	Mile Post		Telephone Call Post
	Mile Stone		Well

1:10,000 Raster Mapping

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

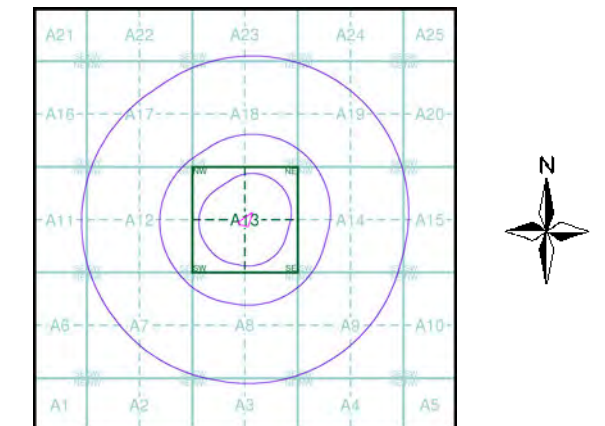
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Herefordshire	1:10,560	1886 - 1887	2
Herefordshire	1:10,560	1905	3
Herefordshire	1:10,560	1930 - 1931	4
Herefordshire	1:10,560	1938 - 1953	5
Herefordshire	1:10,560	1952 - 1953	6
Ordnance Survey Plan	1:10,000	1964	7
Ordnance Survey Plan	1:10,000	1970	8
Ordnance Survey Plan	1:10,000	1983 - 1985	9
10K Raster Mapping	1:10,000	2000	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2023	12

Historical Map - Slice A



Order Details

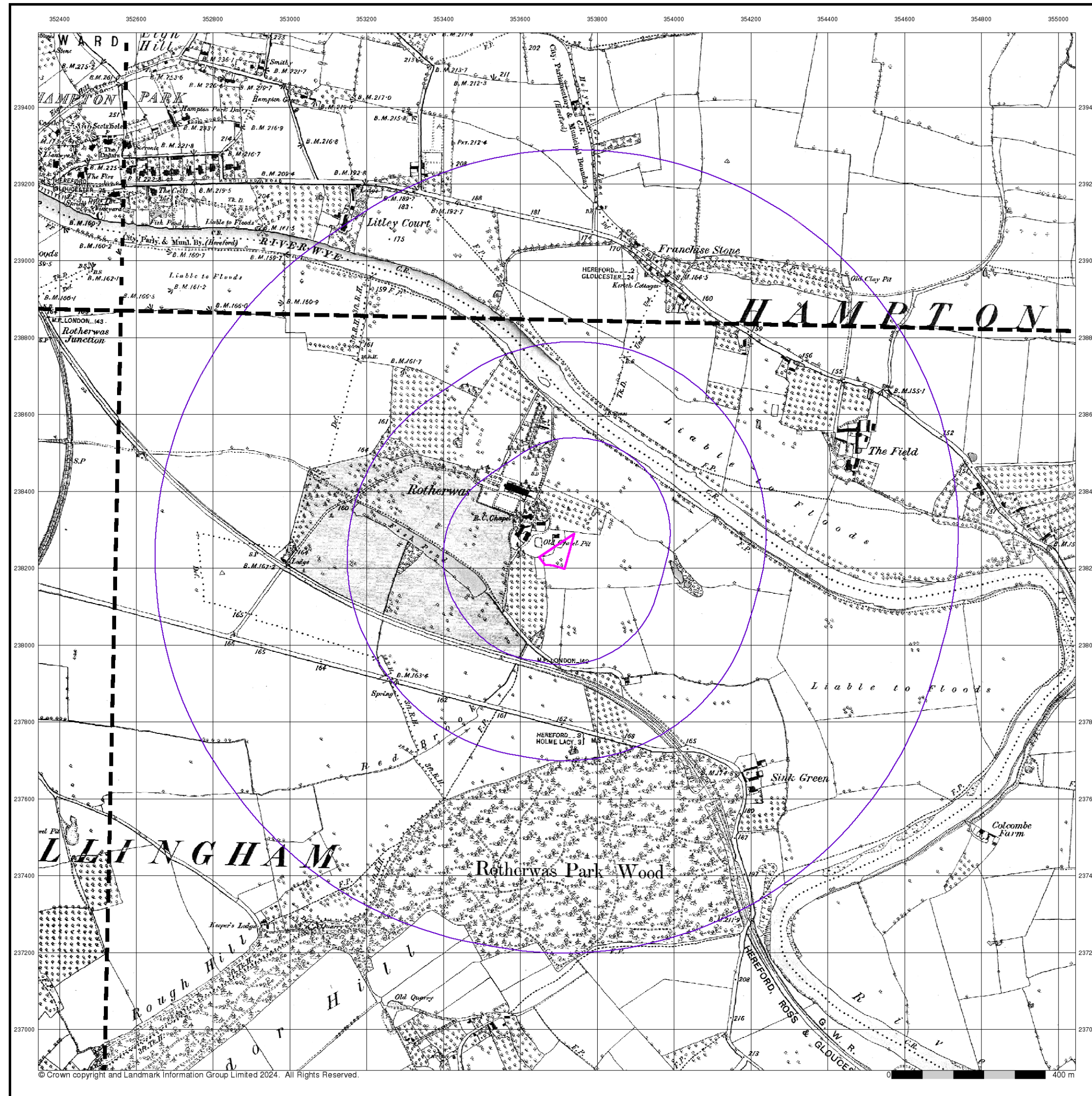
Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD

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Herefordshire

Published 1886 - 1887

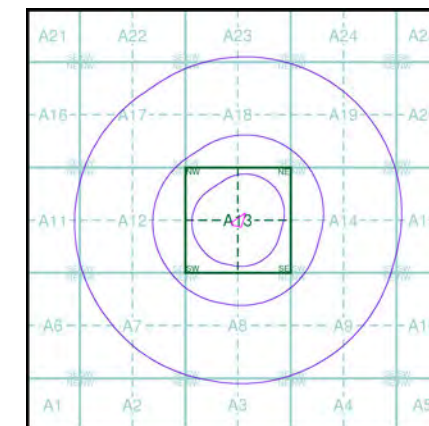
Source map scale - 1:10,560

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

Map Name(s) and Date(s)

033SE 1887 1:10,560	034SW 1886 1:10,560
039NE 1887 1:10,560	040NW 1887 1:10,560

Historical Map - Slice A



Order Details

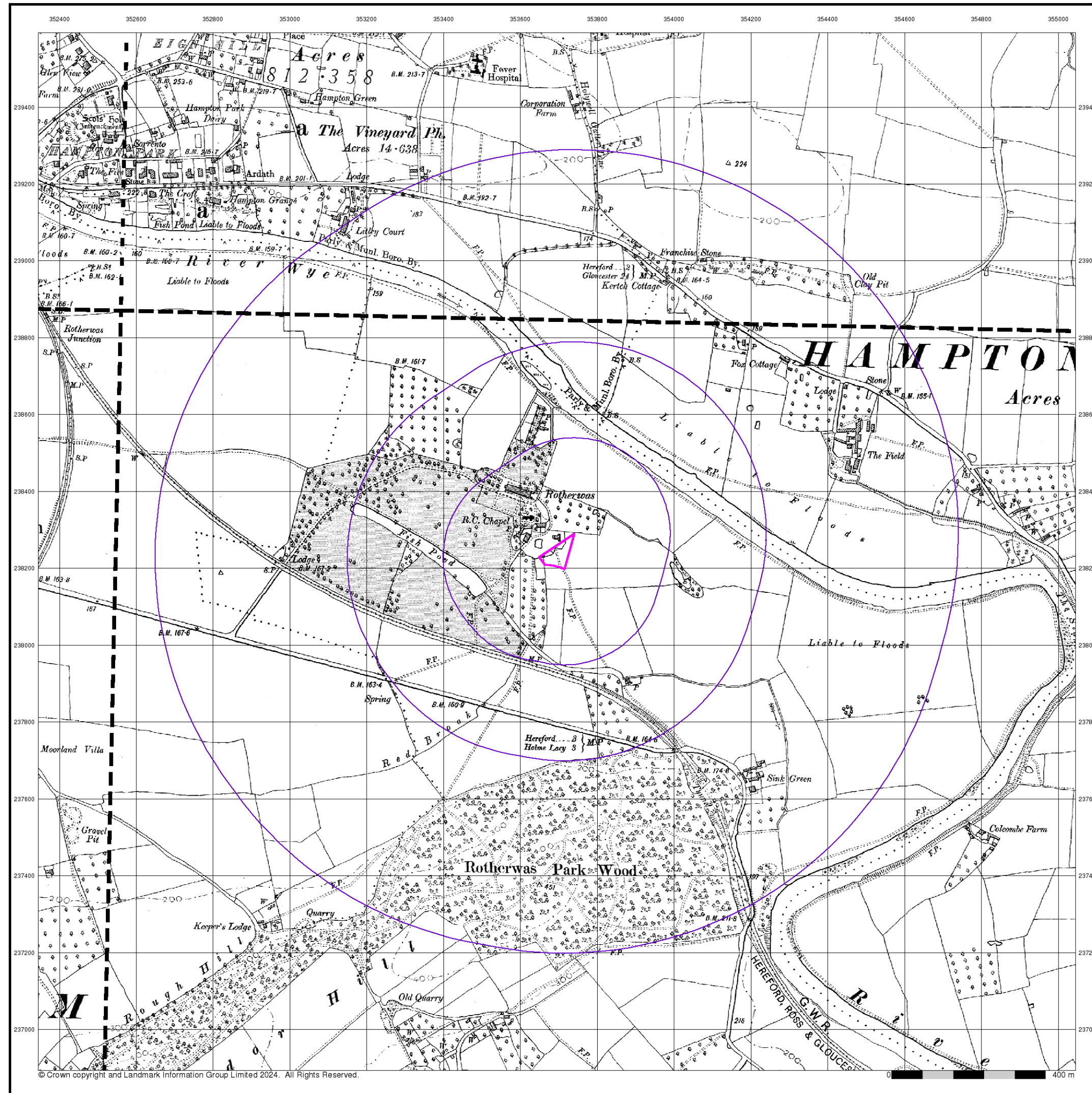
Order Number: 334539417_1_1
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Herefordshire

Published 1905

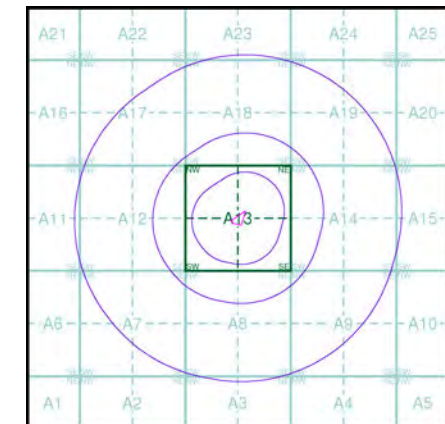
Source map scale - 1:10,560

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)

033SE 1905 1:10,560	034SW 1905 1:10,560
039NE 1905 1:10,560	040NW 1905 1:10,560

Historical Map - Slice A

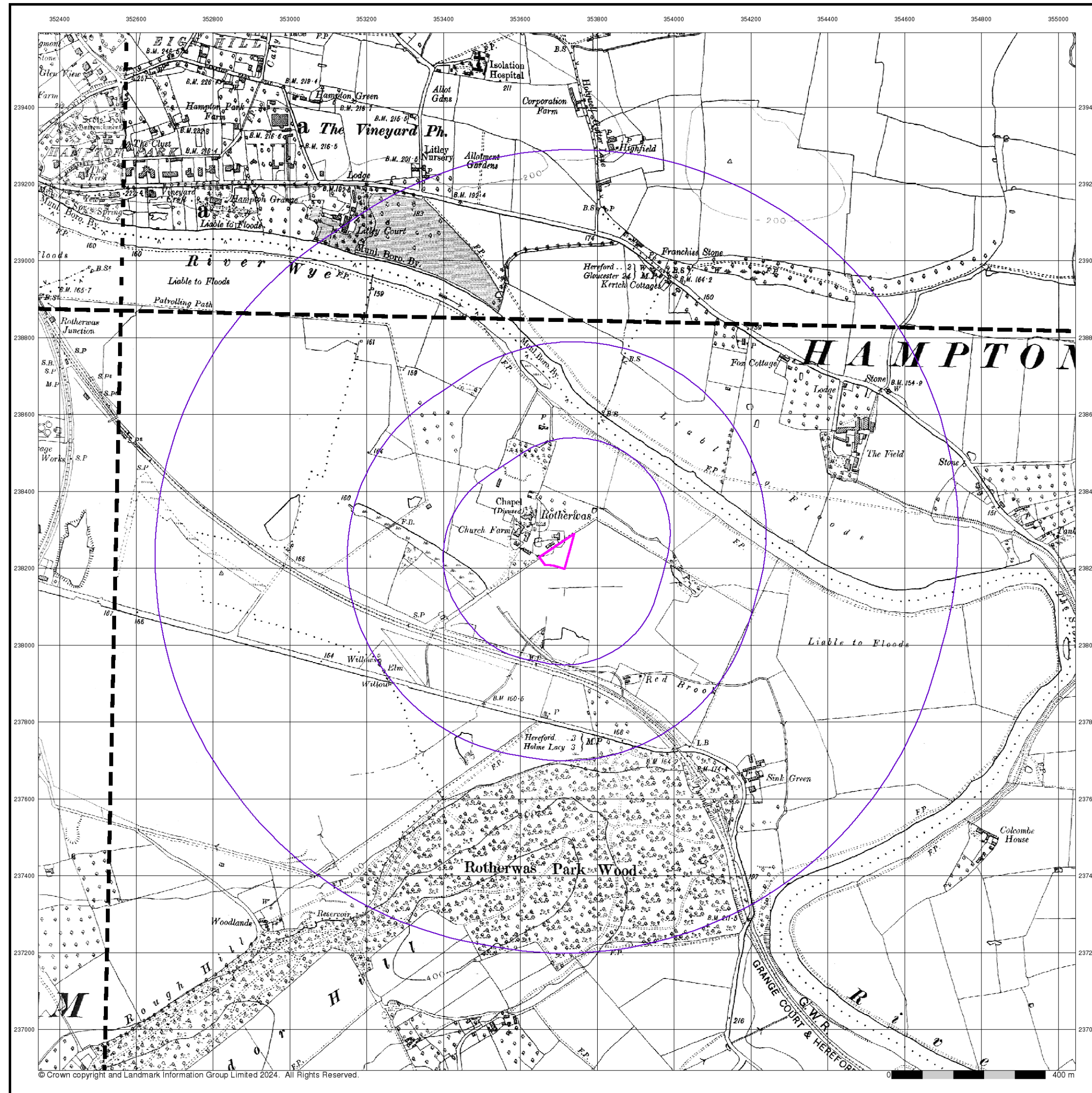


Order Details

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Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

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Herefordshire

Published 1930 - 1931

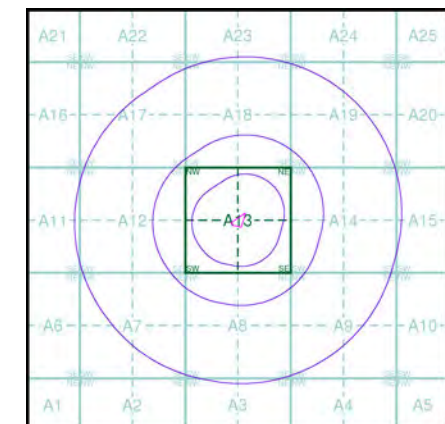
Source map scale - 1:10,560

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)

033SE 1930 1:10,560	034SW 1931 1:10,560
039NE 1930 1:10,560	040NW 1930 1:10,560

Historical Map - Slice A

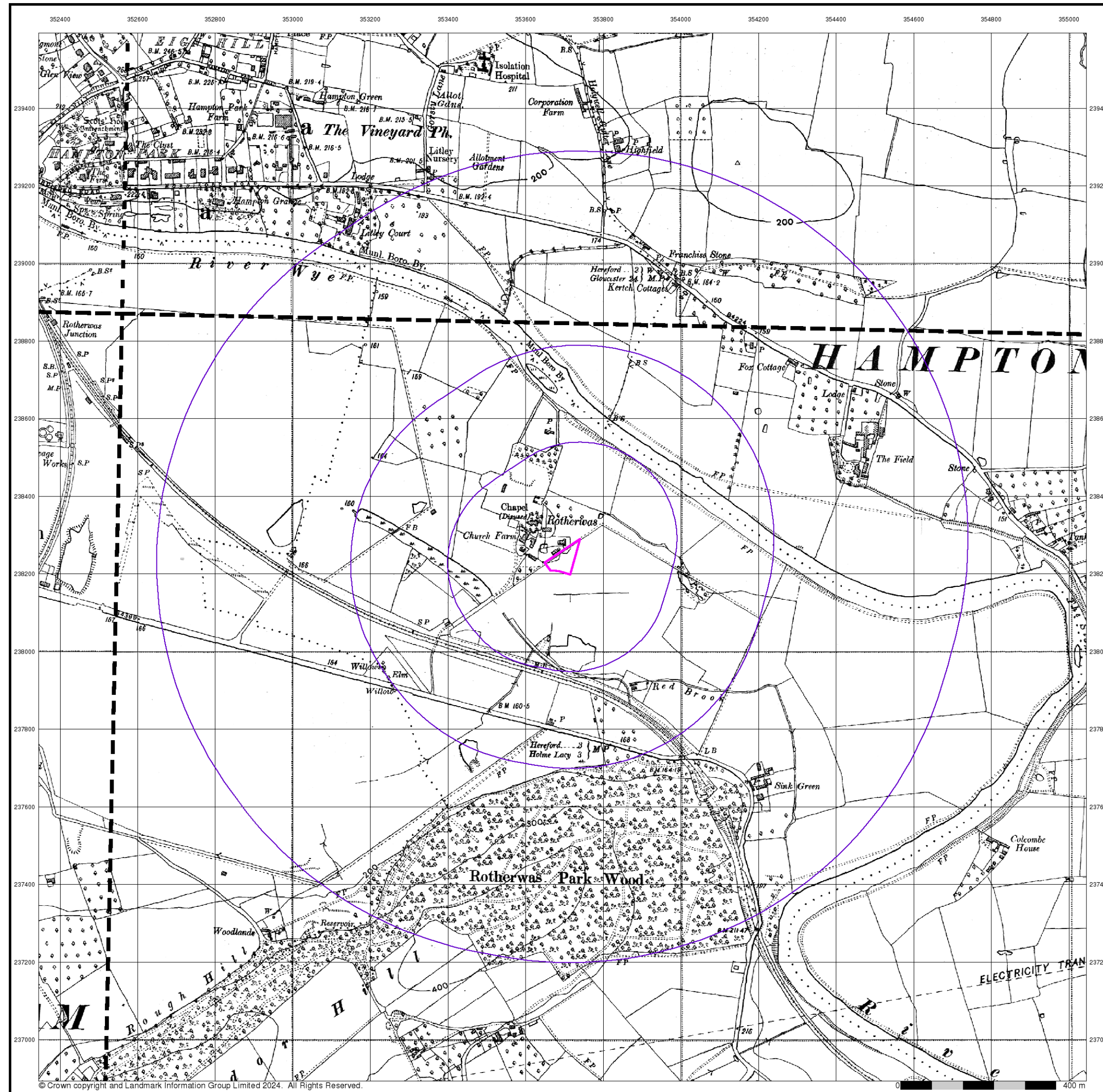


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
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Site Details

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Herefordshire

Published 1938 - 1953

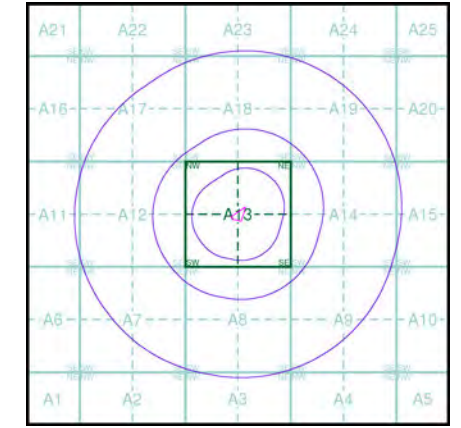
Source map scale - 1:10,560

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)

033SE 1938 1:10,560	034SW 1938 1:10,560
039NE 1938 1:10,560	040NW 1953 1:10,560

Historical Map - Slice A



Order Details

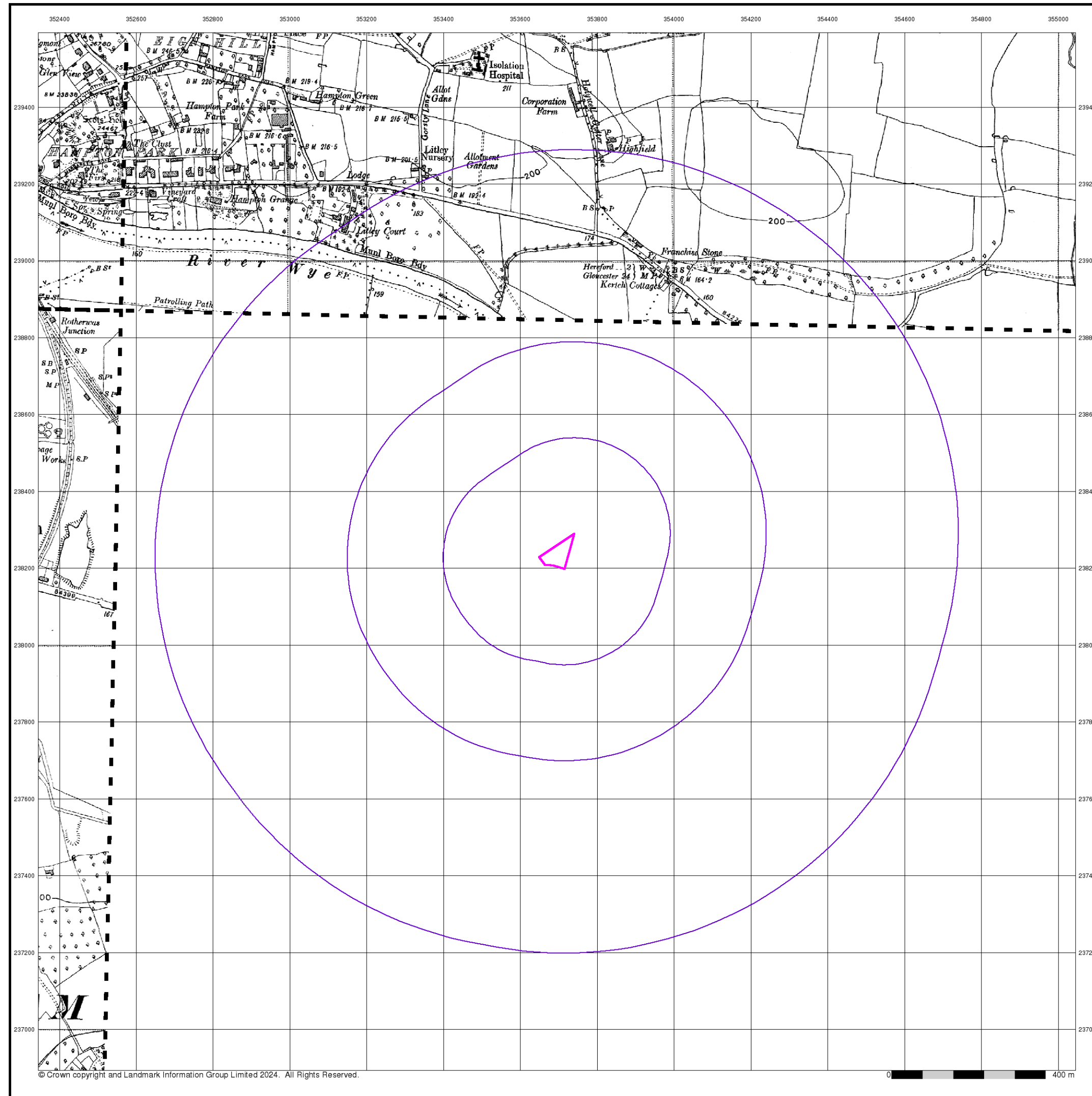
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Herefordshire

Published 1952 - 1953

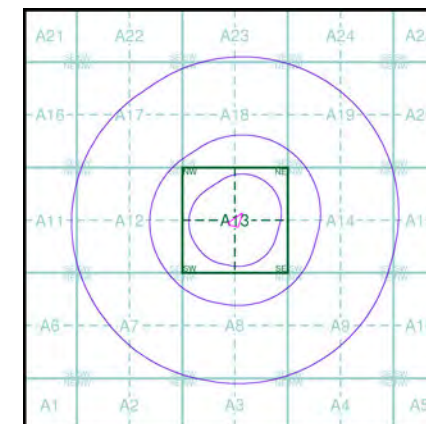
Source map scale - 1:10,560

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)

033SE 1953 1:10,560	034SW 1952 1:10,560
039NE 1953 1:10,560	

Historical Map - Slice A

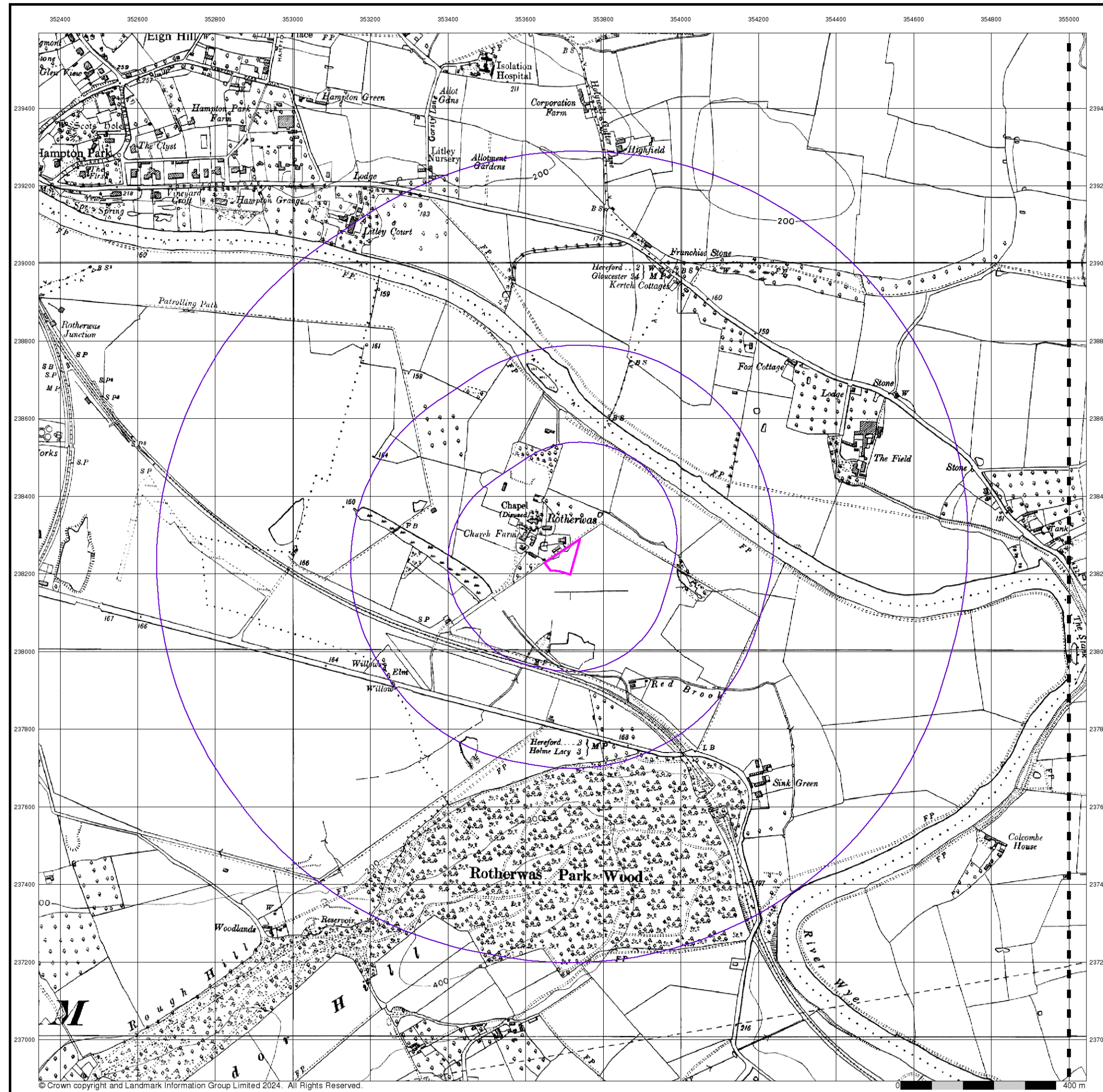


Order Details

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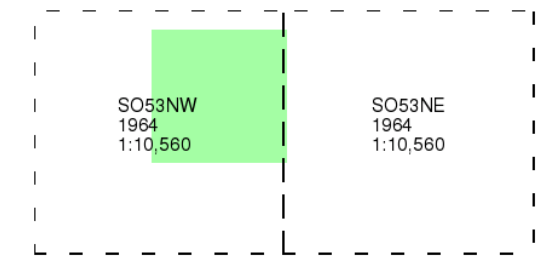
Ordnance Survey Plan

Published 1964

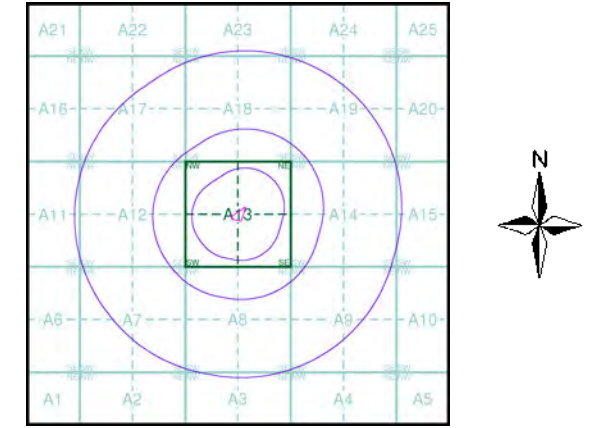
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

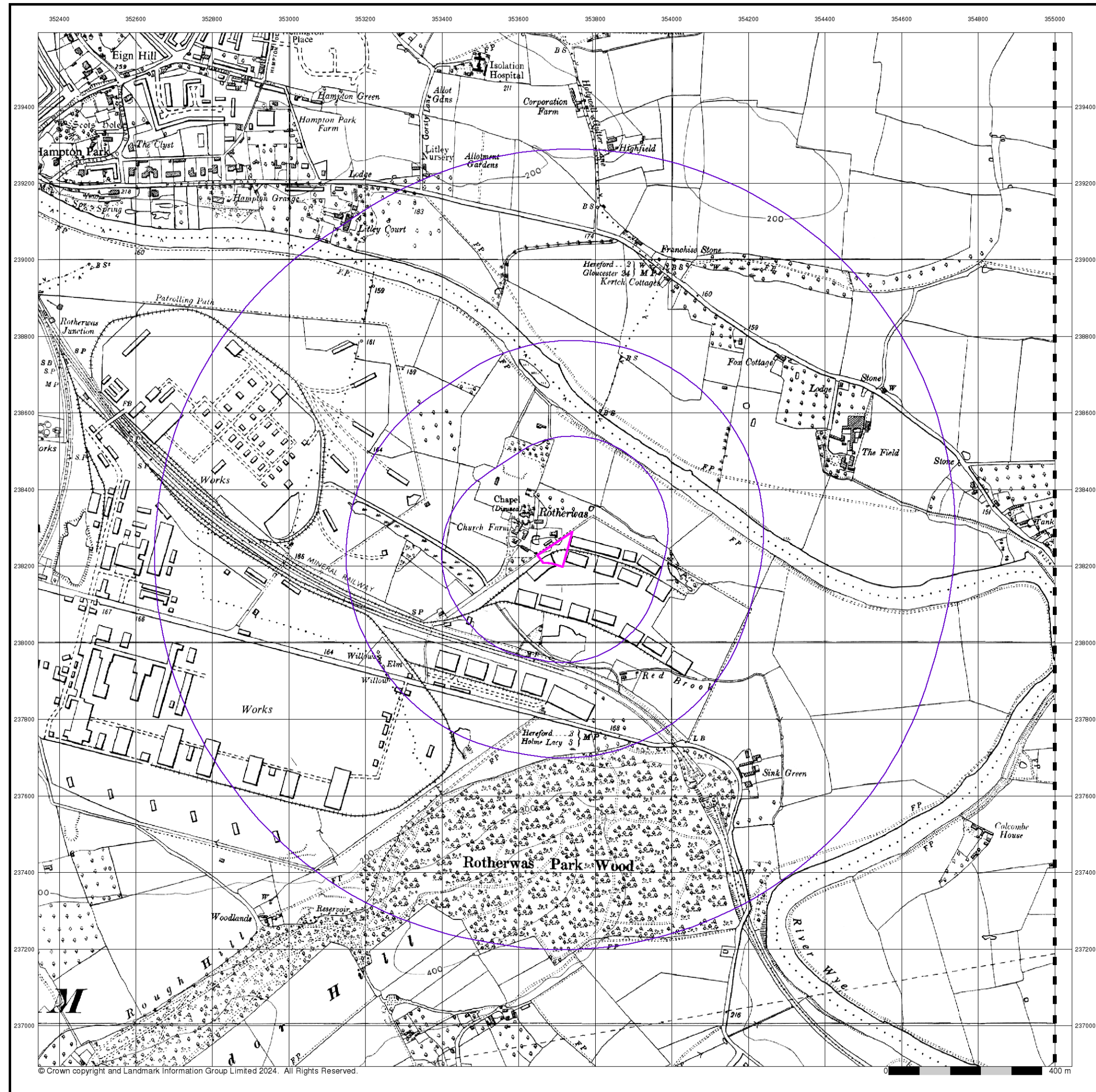


Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	1000

Site Details

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HERFORD, HR2 6LD



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LANDMARK INFORMATION GROUP[®]

Ordnance Survey Plan

Published 1970

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)

SO53NW

1970

1:10,560

Historical Map - Slice A

Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	1000

Site Details

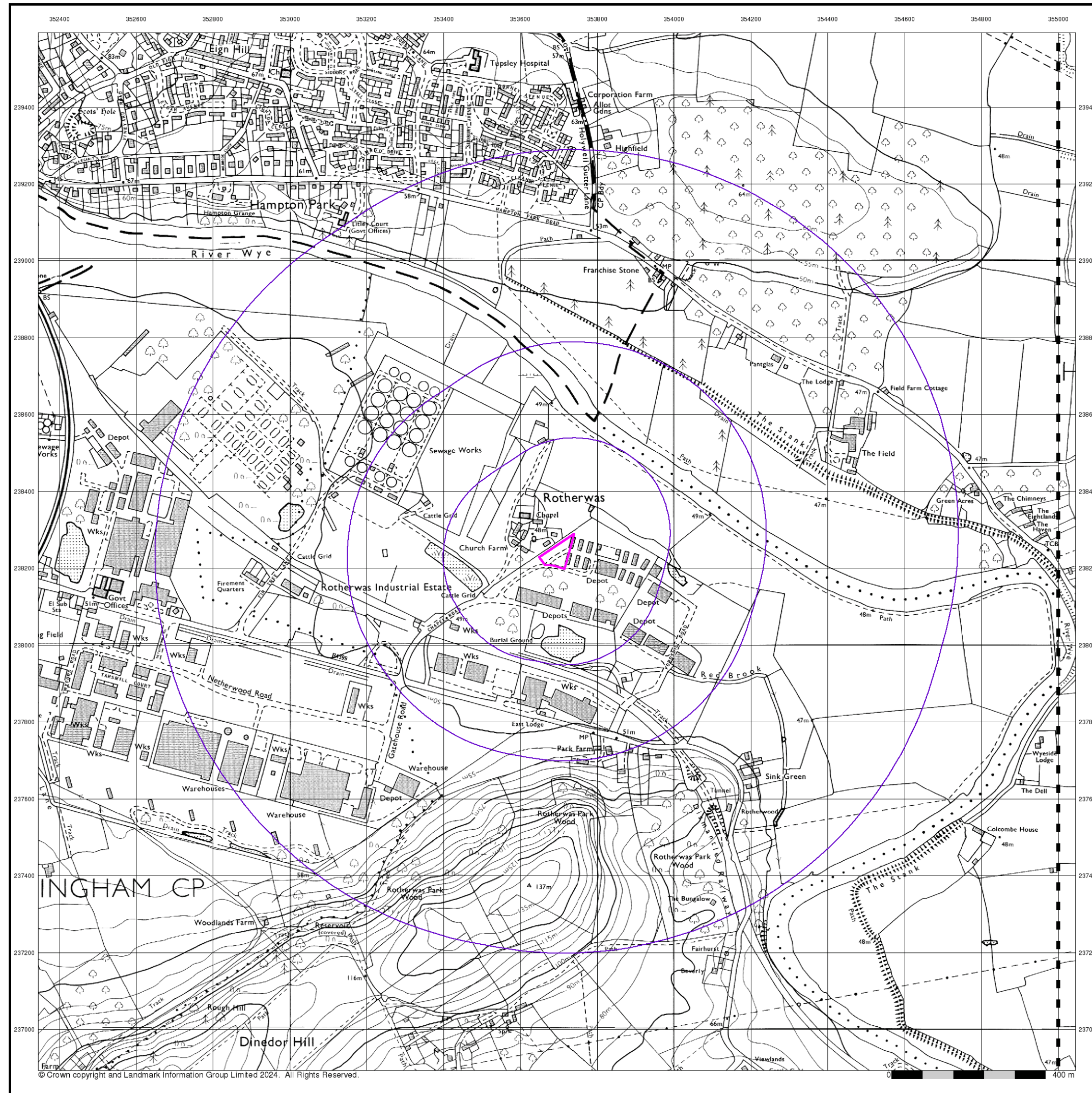
William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HERFORD, HR2 6LD

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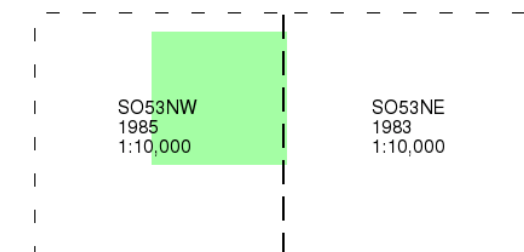
Ordnance Survey Plan

Published 1983 - 1985

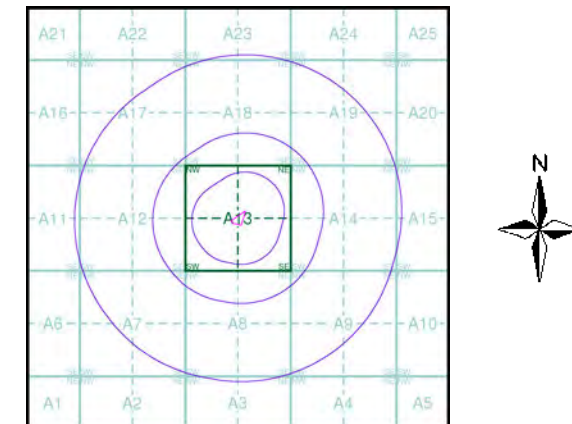
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A

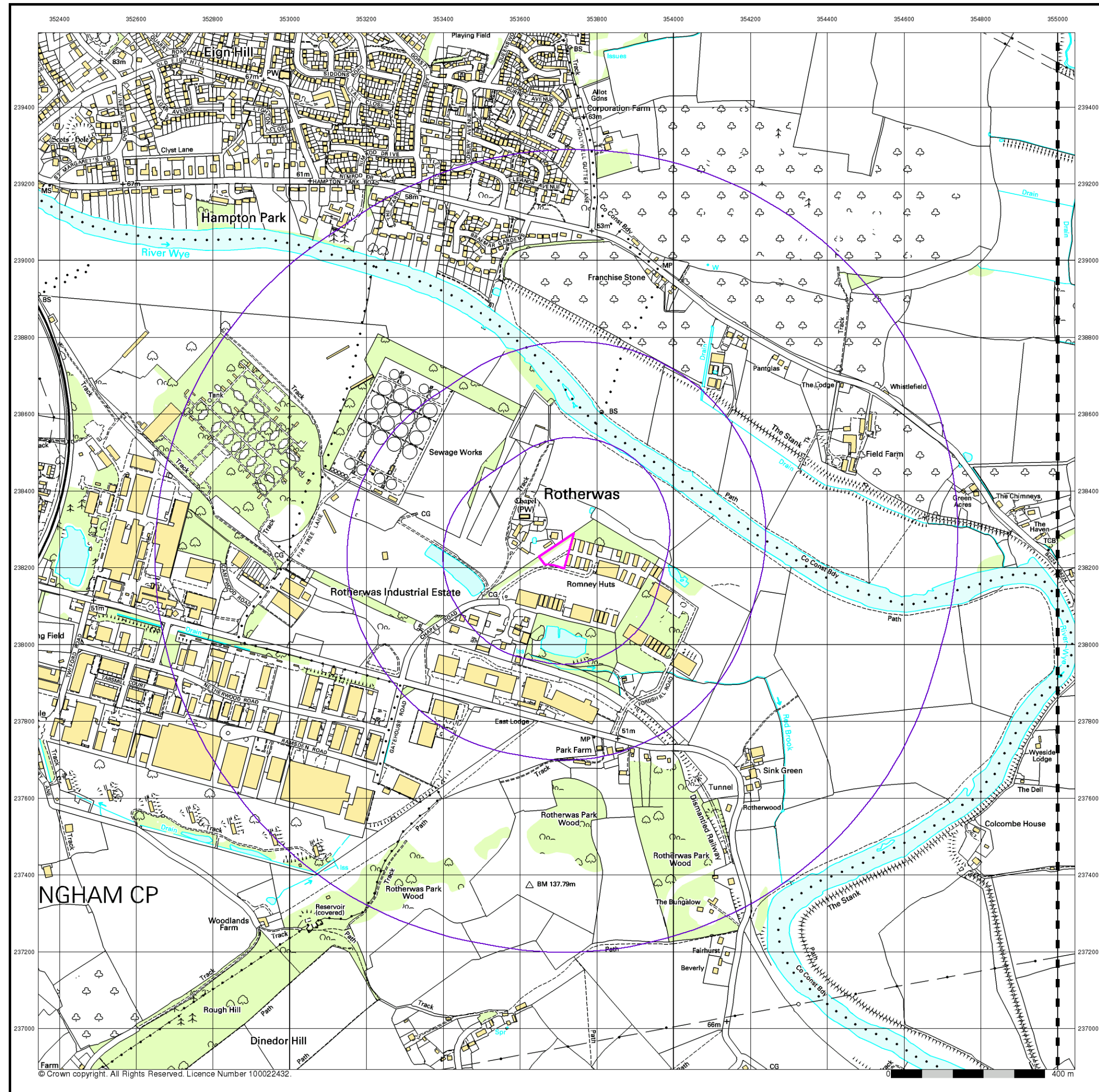


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
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Site Details

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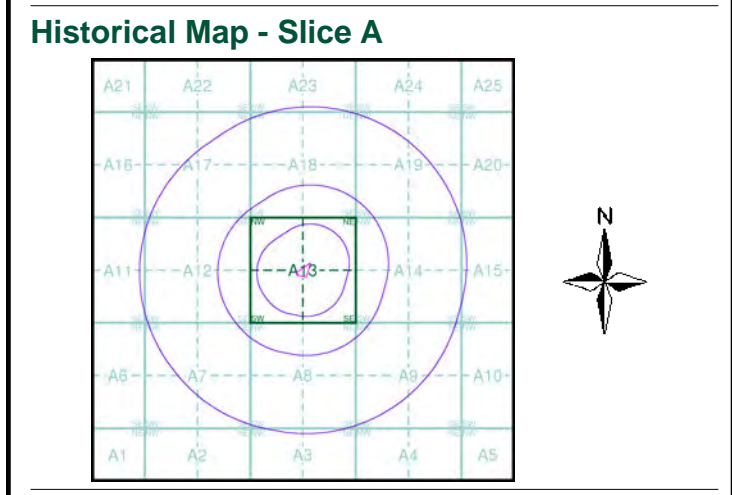
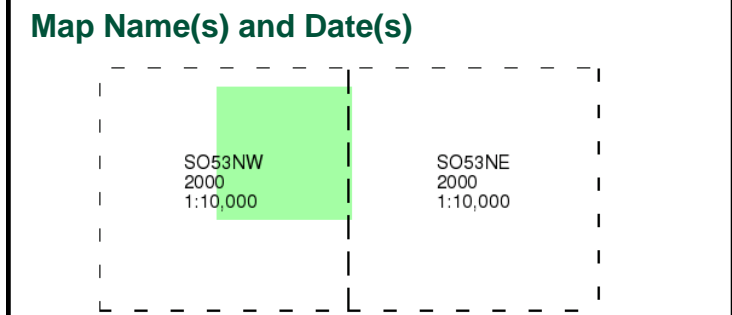


10k Raster Mapping

Published 2000

Source map scale - 1:10,000

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



Order Details

Order Number: 334539417_1_1

Customer Ref: 24026

National Grid Reference: 353700, 238240

Slice: A

Site Area (Ha): 0.38

Search Buffer (m): 1000

Site Details

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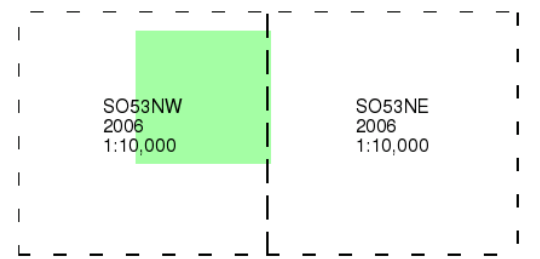
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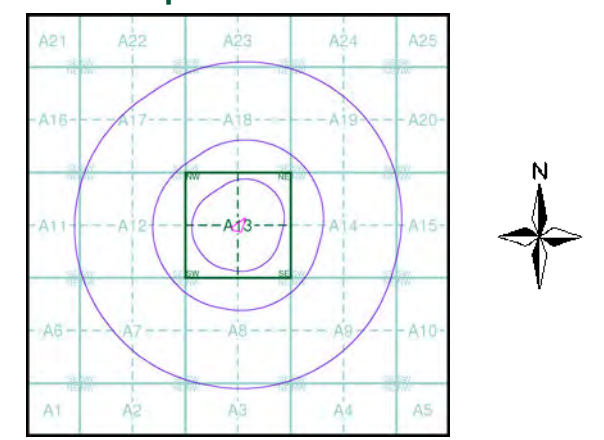
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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)



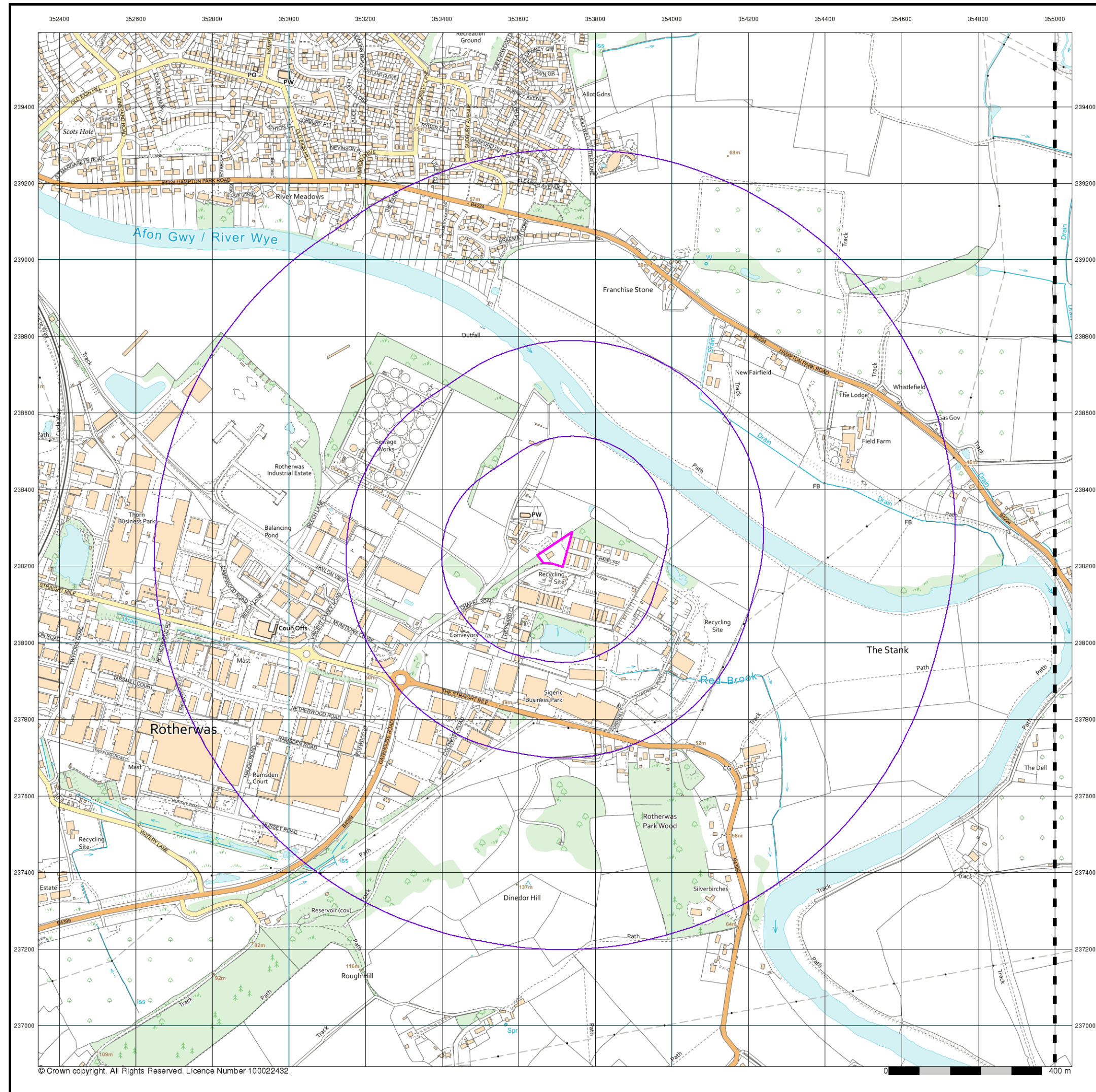
Historical Map - Slice A



Order Details
Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details
William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD

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VectorMap Local

Published 2023

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)

SO53NW
2023
Variable

SO53NE
2023
Variable

Historical Map - Slice A

Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	1000

Site Details

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APPENDIX C

ENVIROCHECK REPORT

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

334539417_1_1

Customer Reference:

24026

National Grid Reference:

353700, 238240

Slice:

A

Site Area (Ha):

0.38

Search Buffer (m):

1000

Site Details:

William Powell & Sons (Builders) Ltd, Chapel
Road
Rotherwas Industrial Estate
HEREFORD
HR2 6LD

Client Details:

Mr P Smith
Core Geotechnics Ltd
PO Box 1392
Cheltenham
GL50 9LX

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	29
Hazardous Substances	35
Geological	36
Industrial Land Use	39
Sensitive Land Use	59
Data Currency	60
Data Suppliers	66
Useful Contacts	67

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		2		37
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 11			2	
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 11		1	4	9
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 13		Yes		
Pollution Incidents to Controlled Waters	pg 13		5	4	8
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 16		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 16		2	3	1
Water Abstractions	pg 17				6 (*20)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 24	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 24	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 24	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 25	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 25			10	20

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 29				1
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 29		3	6	1
Local Authority Landfill Coverage	pg 31	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 31		1		1
Potentially Infilled Land (Water)	pg 31			3	5
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 32		3	1	2
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 35			1	
Explosive Sites	pg 35		1		1
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 36	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 36	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 37		1		1
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
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	pg 37	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 37		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 37	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 38	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 38		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 39		30	26	85
Fuel Station Entries	pg 52				1
Points of Interest - Commercial Services	pg 52		8	13	16
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 55		2	2	15
Points of Interest - Public Infrastructure	pg 57		4	4	11
Points of Interest - Recreational and Environmental					
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 59				4
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 59	2			
Ramsar Sites					
Sites of Special Scientific Interest	pg 59		1		
Special Areas of Conservation	pg 59		2		
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)	0	1	353702 238242
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	60	1	353650 238300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	195	1	353900 238400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	215	1	353700 238500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	263	1	353800 237950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	277	1	353650 238550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	298	1	353950 238500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	306	1	353900 238550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	310	1	354050 238300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	330	1	353850 238600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	377	1	354100 238400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	412	1	353750 238700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	462	1	353950 238700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	463	1	353950 237800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A19SW (NE)	476	1	354100 238600
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Undefined Or Other Location: Rotherwas Ind Est (New Surface) Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: Ah4004701 Permit Version: 1 Effective Date: 23rd May 1974 Issued Date: 23rd May 1974 Revocation Date: 21st February 1994 Discharge Type: Trade Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Wye River Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	195	2	353900 238400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Undefined Or Other Location: Rotherwas Ind Est (New Surface, Unknown, Unknown, Unknown) Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah4004701 Permit Version: 1 Effective Date: 23rd May 1974 Issued Date: 23rd May 1974 Revocation Date: 21st February 1994 Discharge Type: Trade Effluent Discharge: Freshwater Stream/River Environment: Receiving Water: Wye River Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	195	2	353900 238400
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane, Rotherwas Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 2 Effective Date: 24th February 1989 Issued Date: 24th February 1989 Revocation Date: 31st March 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SW (N)	523	2	353630 238800
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Stw Fir Tree Lane Rotherwas Stw, Fir Tree Lane, Rotherwas Hereford, , Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 2 Effective Date: 24th February 1989 Issued Date: 24th February 1989 Revocation Date: 31st March 1998 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SW (N)	523	2	353630 238800
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane, Rotherwas Hereford Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: Ah1001201 Permit Version: 1 Effective Date: 21st April 1983 Issued Date: 21st April 1983 Revocation Date: 23rd February 1989 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SW (N)	523	2	353630 238800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Stw Fir Tree Lane Rotherwas Stw, Fir Tree Lane, Rotherwas Hereford, , Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 1 Effective Date: 21st April 1983 Issued Date: 21st April 1983 Revocation Date: 23rd February 1989 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Authorisation revoked Positional Accuracy: Located by supplier to within 10m	A18SW (N)	523	2	353630 238800
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 13 Effective Date: 16th October 2020 Issued Date: 16th October 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 11 Effective Date: 24th August 2010 Issued Date: 24th August 2010 Revocation Date: 30th November 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 12 Effective Date: 1st December 2010 Issued Date: 24th August 2010 Revocation Date: 15th October 2020 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 11 Effective Date: 24th August 2010 Issued Date: 24th August 2010 Revocation Date: 30th November 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 12 Effective Date: 1st December 2010 Issued Date: 24th August 2010 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 10 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 30th June 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 10 Effective Date: 31st March 2010 Issued Date: 31st March 2010 Revocation Date: 24th August 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 9 Effective Date: 1st July 2010 Issued Date: 30th March 2010 Revocation Date: 23rd August 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 9 Effective Date: 1st July 2010 Issued Date: 17th November 2009 Revocation Date: 23rd August 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 8 Effective Date: 1st January 2010 Issued Date: 26th June 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 8 Effective Date: 1st January 2010 Issued Date: 26th June 2009 Revocation Date: 30th March 2010 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 7 Effective Date: 1st January 2007 Issued Date: 1st January 2007 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 7 Effective Date: 1st January 2007 Issued Date: 1st January 2007 Revocation Date: 31st December 2009 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 6 Effective Date: 8th September 2006 Issued Date: 8th September 2006 Revocation Date: 31st December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 6 Effective Date: 8th September 2006 Issued Date: 8th September 2006 Revocation Date: 31st December 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 5 Effective Date: 28th April 2006 Issued Date: 28th April 2006 Revocation Date: 8th September 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 5 Effective Date: 28th April 2006 Issued Date: 28th April 2006 Revocation Date: 8th September 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Wastewater Treatment Work Beech Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6fg Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 4 Effective Date: 19th July 2002 Issued Date: 18th July 2002 Revocation Date: 27th April 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane Hfd, Rotherwas Sewage Treatment Works, Fir Tree Lane, Rotherwas, Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: Ah1001201 Permit Version: 4 Effective Date: 19th July 2002 Issued Date: 18th July 2002 Revocation Date: 27th April 2006 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	586	2	353505 238825

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Rotherwas Stw Fir Tree Lane Rotherwas Stw, Fir Tree Lane, Rotherwas Hereford, , Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah1001201 Permit Version: 3 Effective Date: 1st April 1998 Issued Date: 31st March 1998 Revocation Date: 18th July 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	589	2	353510 238830
3	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Rotherwas Stw Fir Tree Lane, Rotherwas Hereford Authority: Environment Agency, Welsh Region Catchment Area: Not Supplied Reference: AH1001201 Permit Version: 3 Effective Date: 1st April 1998 Issued Date: 31st March 1998 Revocation Date: 18th July 2002 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	589	2	353510 238830
4	Discharge Consents Operator: Trevor Oakley Transport Ltd Property Type: Undefined Or Other Location: Trevor Oakley Transport Rotherwas E, Rotherwas Est Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: Ah4004901 Permit Version: 1 Effective Date: 25th July 1974 Issued Date: 25th July 1974 Revocation Date: 8th April 1994 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	625	2	353300 237700
4	Discharge Consents Operator: Trevor Oakley Transport Ltd Property Type: Undefined Or Other Location: Trevor Oakley Transport Rotherwas E Trevor Oakley Transport Rotherwas, Rotherwas Est, Unknown, Unknown Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah4004901 Permit Version: 1 Effective Date: 25th July 1974 Issued Date: 25th July 1974 Revocation Date: 8th April 1994 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Unnamed Trib Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	625	2	353300 237700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Leymans Field Ps Braemar Gardens Leymans Field Ps Res Devmt, Braemar Gdns (Adj Hampton Pk Rd), Hereford, , , Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0270801 Permit Version: 1 Effective Date: 14th May 1997 Issued Date: 14th May 1997 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SW (N)	628	2	353530 238880
5	Discharge Consents Operator: Environment Quality Scientist Property Type: Sewerage Network - Pumping Station - Water Company Location: Leymans Field Ps Braemar Gardens, Leymans Field Ps Res Devmt, Braemar Gdns (Adj Hampton Pk Rd), Hereford Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: AN0270801 Permit Version: 1 Effective Date: 14th May 1997 Issued Date: 14th May 1997 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	A18SW (N)	628	2	353530 238880
6	Discharge Consents Operator: Property Services Agency Property Type: Undefined Or Other Location: Property Services Agency Building 2, Building 214/215 Holme Lacy Road, Holme Lacy Road Rotherwas Herefo, Rotherwas Hereford Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: Ah4004801 Permit Version: 1 Effective Date: 1st April 1974 Issued Date: 1st April 1974 Revocation Date: 19th October 1992 Discharge Type: Unspecified Discharge: Into And/Or Watercourse Environment: Receiving Water: Un Named Trib Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	837	2	353000 237700
6	Discharge Consents Operator: Property Services Agency Property Type: Undefined Or Other Location: Property Services Agency Building 2 Property Services Agency Buildin, Building 214/215 Holme Lacy Road, Holme Lacy Road Rotherwas Herefo, Rotherwas Hereford, Hereford Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: Ah4004801 Permit Version: 1 Effective Date: 1st April 1974 Issued Date: 1st April 1974 Revocation Date: 19th October 1992 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Un Named Trib Status: Consent expired Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	837	2	353000 237700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Hereford City Council Property Type: Livestock Production, Food Production Location: The Park Hampton Park Road Herefor, Hampton Park Road Hereford Here, Hereford Herefordshire Authority: Environment Agency, Welsh Region Catchment Area: River Wye Reference: An0012801 Permit Version: 1 Effective Date: 26th August 1986 Issued Date: 26th August 1986 Revocation Date: 17th January 1995 Discharge Type: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Wye River Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	848	2	353280 239000
7	Discharge Consents Operator: Hereford City Council Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: The Park Hampton Park Road Herefor The Park Hampton Park Road Here, Hampton Park Road Hereford Here, Hereford Herefordshire, Hereford Herefordshire, Herefordsh Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0012801 Permit Version: 1 Effective Date: 26th August 1986 Issued Date: 26th August 1986 Revocation Date: 17th January 1995 Discharge Type: Unknown Discharge: Freshwater Stream/River Environment: Receiving Water: Wye River Status: Consent expired Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	848	2	353280 239000
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Siddons Road Sewage Pumping Station Siddons Road, Hereford, ., Herefordshire, Hr1 1xd Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0078701 Permit Version: 3 Effective Date: 26th July 2017 Issued Date: 26th July 2010 Revocation Date: 26th March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	864	2	353250 239000
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Siddons Road Sewage Pumping Station Siddons Road, Hereford, ., Herefordshire, Hr1 1xd Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0078701 Permit Version: 5 Effective Date: 31st March 2020 Issued Date: 27th March 2018 Revocation Date: 7th April 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	867	2	353246 239001

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Siddons Road Sewage Pumping Station Siddons Road, Hereford, , Herefordshire, Hr1 1xd Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0078701 Permit Version: 4 Effective Date: 27th March 2018 Issued Date: 27th March 2018 Revocation Date: 30th March 2020 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	867	2	353246 239001
7	Discharge Consents Operator: Dwr Cymru Cyfyngedig Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Nimrod Drive Pumping Station, Gortsy Lane, Hereford, Herefordshire, Hr1 1un Authority: Environment Agency, Midlands Region Catchment Area: River Wye to River Lugg Reference: An0078301 Permit Version: 3 Effective Date: 26th July 2017 Issued Date: 26th July 2017 Revocation Date: 13th March 2020 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: River Wye Status: Surrendered under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A17NE (NW)	868	2	353244 239001
8	Integrated Pollution Prevention And Control Name: Dragon Recycling Solutions Ltd Location: Mercury Retort, Unit 4 & 5, Holme Lacy Road, Sigeric Business Park,, HEREFORD, Herefordshire, HR2 6BQ Authority: Environment Agency, Midlands Region Permit Reference: RP3035HA Original Permit Ref: Rp3035ha Effective Date: 28th January 2011 Status: Superseded By Variation Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (F) Activity Description: Non-Ferrous Metals; Producing Etc Cadmium/Mercury And Alloys Containing Greater Than 0.05 Percent Primary Activity: Y	A8NE (S)	352	2	353720 237847
8	Integrated Pollution Prevention And Control Name: Dragon Recycling Solutions Limited Location: Mercury Retort, Unit 4, Sigeric Business Park, ,, Hereford, HR2 6BQ Authority: Environment Agency, Midlands Region Permit Reference: PP3831VN Original Permit Ref: Rp3035ha Effective Date: 3rd July 2014 Status: Surrender Effective Application Type: Surrender App. Sub Type: Whole Positional Accuracy: Automatically positioned to the address Activity Code: 2.2 A(1) (F) Activity Description: Non-Ferrous Metals; Producing Etc Cadmium/Mercury And Alloys Containing Greater Than 0.05 Percent Primary Activity: Y	A8NE (S)	379	2	353744 237821
9	Local Authority Pollution Prevention and Controls Name: Hereford Car And Commercial Services Location: Reynard Close, Rotherwas Industrial Estate, Hereford, Hr2 6jh Authority: Herefordshire Council, Environmental Health Department Permit Reference: 1/1/013 Dated: 26th January 2009 Process Type: Local Authority Pollution Prevention and Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	238	3	353558 237995

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Local Authority Pollution Prevention and Controls Name: Wye Valley Demolition Ltd Location: Lloyd George House, Fordshill Road, Rotherwas, Herefordshire, HR2 6ns Authority: Herefordshire Council, Environmental Health Department Permit Reference: PPC/3.5/M9 Dated: 10th November 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	365	3	353964 237932
10	Local Authority Pollution Prevention and Controls Name: Wye Valley Demolition Ltd Location: Lloyd George House, Fordshill Road, Rotherwas, Herefordshire, HR2 6ns Authority: Herefordshire Council, Environmental Health Department Permit Reference: PPC/3.5/M1 Dated: 7th April 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	365	3	353964 237932
10	Local Authority Pollution Prevention and Controls Name: Wye Valley Demolition Co Location: Sandyway, St Weonards, Herefordshire, HR2 8NX Authority: Herefordshire Council, Environmental Health Department Permit Reference: Ppc/3.5/M1 Dated: 7th April 2000 Process Type: Local Authority Pollution Prevention and Control Description: PG3/16 Mobile screening and crushing processes Status: Permitted Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	386	3	353995 237934
10	Local Authority Pollution Prevention and Controls Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6ns Authority: Herefordshire Council, Environmental Health Department Permit Reference: 2.2/001 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes Status: Transferred to IPPC Positional Accuracy: Manually positioned to the address or location	A13SE (SE)	386	3	353995 237934
11	Local Authority Pollution Prevention and Controls Name: Keg Services Ltd Location: Netherwood Road, Rotherwas Industrial Estate, HEREFORD, HR2 6JU Authority: Herefordshire Council, Environmental Health Department Permit Reference: 069 Dated: 2nd April 2001 Process Type: Local Authority Air Pollution Control Description: PG6/35 Metal and other thermal spraying processes Status: Site Closed Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	609	3	353166 237858
12	Local Authority Pollution Prevention and Controls Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, HEREFORD, Herefordshire, HR2 6BQ Authority: Herefordshire Council, Environmental Health Department Permit Reference: P33 Dated: 14th November 2001 Process Type: Local Authority Pollution Prevention and Control Description: PG1/14 Petrol filling station Status: Permitted Positional Accuracy: Automatically positioned to the address	A12SE (SW)	618	3	353112 237923
13	Local Authority Pollution Prevention and Controls Name: Bathgate Flooring Ltd Location: Fir Tree Lane, Rotherwas Industrial Estate, Rotherwas, HR2 Authority: Herefordshire Council, Environmental Health Department Permit Reference: 6.2/007 Dated: 17th October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/2 Manufacture of timber and wood-based products Status: Permitted Positional Accuracy: Manually positioned to the address or location	A12SW (W)	655	3	353009 238094

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	Local Authority Pollution Prevention and Controls Name: Polyford Plastics Ltd Location: Fir Tree Lane, Rotherwas Industrial Estate, HEREFORD, Herefordshire, HR2 6LA Authority: Herefordshire Council, Environmental Health Department Permit Reference: 065 Dated: 16th March 2000 Process Type: Local Authority Air Pollution Control Description: PG6/17 Printing of flexible packaging Status: Site Closed Positional Accuracy: Automatically positioned to the address	A12SW (W)	677	3	352984 238107
14	Local Authority Pollution Prevention and Controls Name: Bathgate Flooring Ltd Location: Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 Authority: Herefordshire Council, Environmental Health Department Permit Reference: 6.4/A/002 Dated: 17th October 2006 Process Type: Local Authority Pollution Prevention and Control Description: PG6/32 Adhesive coating Status: Permitted Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	714	3	352941 238142
15	Local Authority Pollution Prevention and Controls Name: Kgd Industrial Services Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, Hr2 6ju Authority: Herefordshire Council, Environmental Health Department Permit Reference: 2.3/001 Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: PG4/1 Processes for the surface treatment of metals Status: Application exempt from APC Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	829	3	352947 237788
16	Local Authority Pollution Prevention and Controls Name: Longma Bio Fuels Ltd Location: Yeld Farm, Lyonshall, Hr2 6jt Authority: Herefordshire Council, Environmental Health Department Permit Reference: 1.1/B.c/002 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG1/5 Compression ignition engines, 20-50MW net rated thermal input Status: Application exempt from APC Positional Accuracy: Located by supplier to within 10m	A12NW (W)	950	3	352705 238327
17	Local Authority Pollution Prevention and Controls Name: Barton Aluminium Location: Rotherwas, HEREFORD, Herefordshire, HR2 6JS Authority: Herefordshire Council, Environmental Health Department Permit Reference: 003 Dated: 25th June 1993 Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes Status: Authorised Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	973	3	352691 238061
17	Local Authority Pollution Prevention and Controls Name: Barton Aluminium Location: Rotherwas, HEREFORD, Herefordshire, HR2 6JS Authority: Herefordshire Council, Environmental Health Department Permit Reference: 003 Dated: 25th June 1993 Process Type: Local Authority Air Pollution Control Description: PG2/4 Iron, steel and non-ferrous metal foundry processes Status: Authorised Positional Accuracy: Manually positioned within the geographical locality	A11SE (W)	997	3	352666 238067
	Nearest Surface Water Feature	A13NE (NE)	70	-	353785 238342
18	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Surface Water Outfall Location: ROTHERWAS Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 28th October 1994 Incident Reference: 21495 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	195	2	353900 238400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Down Stream Of Rotherwas, Chapel Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 20th May 1996 Incident Reference: 28476 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	215	2	353800 238495
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: By Bunch Of Carrots, HAMPTON BISHOP Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 15th February 1996 Incident Reference: 27581 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	216	2	353805 238495
19	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Bunch Of Carrots, HAMPTON BISHOP Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Not Supplied Incident Date: 15th February 1996 Incident Reference: 27581 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (N)	220	2	353800 238500
20	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Rosemarket Stw Authority: Environment Agency, Welsh Region Pollutant: Sullage Note: Poor Management Control Incident Date: 28th October 1996 Incident Reference: 30549 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Spillage Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	218	2	353600 238000
21	Pollution Incidents to Controlled Waters Property Type: Warehouses Location: Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 25th August 1994 Incident Reference: 21497 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	259	2	353460 238050
22	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Industrial Estate Drain Near Chapel, ROTHERWAS Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Not Supplied Incident Date: 9th March 1997 Incident Reference: 31517 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SE (N)	314	2	353700 238600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	Pollution Incidents to Controlled Waters Property Type: Not Given Location: 1 Mile Up Stream Of, Carrots Pub, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Unknown; River Wye Incident Date: 21st October 1998 Incident Reference: 37003 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NE (NE)	335	2	354000 238500
24	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Near Rotherwas Sewage Treatment Works, Off B224 Road Authority: Environment Agency, Welsh Region Pollutant: Foam/Soap Suds Note: River Wye; Effluent Quality Incident Date: 15th May 1998 Incident Reference: 35822 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	342	2	353600 238600
25	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Down Stream Of Sewage Treatment Works, Near Wye Invader Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Not Supplied Incident Date: 4th May 1997 Incident Reference: 32609 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Effluent Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (N)	565	2	353500 238800
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Polyford Plastics, ROTHERWAS Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 3rd April 1992 Incident Reference: 3660 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	650	2	353000 238250
26	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Confluence With, Town Ditch Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 3rd April 1992 Incident Reference: 3660 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	650	2	353000 238245
27	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Jws Transport, Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Unknown Note: Not Supplied Incident Date: 20th June 1995 Incident Reference: 24497 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Unknown Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	709	2	353300 237600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Light Oil Note: Poor Operational Practise Incident Date: 9th March 1992 Incident Reference: 3502 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	723	2	353205 237650
28	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Crude Sewage Note: Poor Operational Practise Incident Date: 9th March 1992 Incident Reference: 3502 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	726	2	353200 237650
28	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Oils - Other Oil Note: Poor Operational Practise Incident Date: 9th March 1992 Incident Reference: 3502 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	727	2	353205 237645
28	Pollution Incidents to Controlled Waters Property Type: Waste Handling Facilities Location: Rotherwas Industrial Estate, HEREFORD Authority: Environment Agency, Welsh Region Pollutant: Oils - Diesel (Including Agricultural) Note: Poor Operational Practise Incident Date: 9th March 1992 Incident Reference: 3502 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Runoff Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	730	2	353200 237645
	River Quality Name: Wye GQA Grade: River Quality B Reach: Nr.Dinedor Court - Conf.Eign Bk Estimated Distance (km): 4.3 Flow Rate: Flow less than 80 cumecs Flow Type: River Year: 2000	A13NE (NE)	215	2	353854 238471
29	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 26th May 2015 Incident Reference: 1339963 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Vehicles And Vehicle Parts	A13NE (E)	54	2	353785 238248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 27th May 2015 Incident Reference: 1340243 Water Impact: Category 4 - No Impact Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Contaminated Construction & Demolition Material & Waste	A13NW (NW)	198	2	353507 238365
31	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 15th August 2012 Incident Reference: 1026527 Water Impact: Category 4 - No Impact Air Impact: Category 1 - Major Incident Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: Inorganic Chemicals : Acids	A13SE (SE)	263	2	353964 238114
32	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 28th May 2013 Incident Reference: 1116693 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 : Construction / Demolition Material Pollutant: Inert Materials And Wastes: Soils And Clay	A13SE (SE)	308	2	353926 237974
33	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 2nd December 2012 Incident Reference: 1064838 Water Impact: Category 4 - No Impact Air Impact: Category 2 - Significant Incident Land Impact: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Atmospheric Pollutants and Effects: Smoke	A13SE (SE)	365	2	353963 237931
34	Substantiated Pollution Incident Register Authority: Environment Agency - Midlands Region, West Area Incident Date: 1st December 2015 Incident Reference: 1407822 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: Asbestos Waste Pollutant: Contaminated Material : Soils & Sub-soils	A12NW (W)	837	2	352880 238557
35	Water Abstractions Operator: H P Bulmer & Co Ltd Licence Number: 19/55/18/0376 Permit Version: 100 Location: Reach On The River Wye Near Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: River Wye; Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 March Authorised End: 31 August Permit Start Date: 1st March 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18SW (N)	606	2	353540 238860

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
36	Water Abstractions Operator: Jones Bros Licence Number: 19/55/18/0110 Permit Version: 100 Location: Well At Sink Green Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	703	2	354210 237700
37	Water Abstractions Operator: H P Bulmer & Co Ltd Licence Number: 19/55/18/0321 Permit Version: 100 Location: Well At Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A19SE (NE)	812	2	354490 238600
37	Water Abstractions Operator: Bulmers Licence Number: 19/55/18/0321 Permit Version: 101 Location: Well At Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	812	2	354490 238600
38	Water Abstractions Operator: H P Bulmer & Co Ltd Licence Number: 19/55/18/0321 Permit Version: 100 Location: Well Near Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A18NE (N)	915	2	353820 239200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	Water Abstractions Operator: Bulmers Licence Number: 19/55/18/0321 Permit Version: 101 Location: Well Near Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18NE (N)	915	2	353820 239200
	Water Abstractions Operator: Mr E Peyton Licence Number: 19/55/18/0197 Permit Version: 100 Location: Well At Prospect House Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st June 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3NW (S)	1188	2	353570 237020
	Water Abstractions Operator: H P Bulmer & Co Ltd Licence Number: 19/55/18/0376 Permit Version: Not Supplied Location: Reach On The River Wye Near, Field Farm Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 981 Yearly Rate (m3): 13638 Details: Licenced from 01-Mar to 31-Aug Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15SW (E)	1192	2	354930 238230
	Water Abstractions Operator: Kdr Farms Licence Number: 19/55/18/0387 Permit Version: 101 Location: Reach On The River Wye At Whitehall Farm Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 13th November 2017 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1327	2	355001 237868

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Buccaneer Holdings Limited Licence Number: 19/55/18/0042 Permit Version: 100 Location: Well At Hampton Bishop Authority: Environment Agency, Welsh Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SE (E)	1345	2	355070 238090
	Water Abstractions Operator: Whitehall Farms Ltd Licence Number: 19/55/18/0387 Permit Version: 100 Location: Reach On The River Wye At Whitehall Farm Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A10NW (E)	1348	2	355020 237860
	Water Abstractions Operator: Whitehall Farms Ltd Licence Number: 19/55/18/0387 Permit Version: 100 Location: Reach On The River Wye At Whitehall Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: R.Wye; Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 May Authorised End: 30 September Permit Start Date: 1st April 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A10NW (E)	1348	4	355020 237860
	Water Abstractions Operator: Mr G Webster Licence Number: 19/55/18/0136 Permit Version: 100 Location: Well At Crabtree Hall Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SE (E)	1380	2	355080 237960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr T Richards Licence Number: 19/55/18/0066 Permit Version: 100 Location: Well At Hampton Bishop Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 4th February 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SE (E)	1383	2	355070 237910
	Water Abstractions Operator: Buccaneer Holdings Limited Licence Number: 19/55/18/0042 Permit Version: 100 Location: Well At Beverley Authority: Environment Agency, Welsh Region Abstraction: Hotels; Public Houses And Conference Centres: Drinking; Cooking; Sanitary; Washing; (Small Garden) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 7th September 1995 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SE (E)	1393	2	355110 238040
	Water Abstractions Operator: Mr G Webster Licence Number: 19/55/18/0136 Permit Version: 100 Location: Well At Beverley Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A15SE (E)	1393	2	355110 238035
	Water Abstractions Operator: Thorn Lighting Ltd Licence Number: 19/55/18/0391 Permit Version: 100 Location: River Wye At Rotherwas Industrial Estate Authority: Environment Agency, Welsh Region Abstraction: Other Industrial/Commercial/Public Services: General Use (Medium Loss) Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: R.Wye; Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st August 1989 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NW (W)	1405	2	352280 238540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr J Cleland Licence Number: 19/55/18/0047 Permit Version: 100 Location: Well At Glebe Farm Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A3SW (S)	1527	2	353420 236700
	Water Abstractions Operator: Messrs S T Layton & Sons Licence Number: 19/55/12/0830 Permit Version: 100 Location: Well At The Court Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 11th March 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A15NE (E)	1608	2	355330 238530
	Water Abstractions Operator: Mr S Taysom Licence Number: 19/55/12/0312 Permit Version: 100 Location: Well At Hampton Bishop Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 31st March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A5NE (SE)	1702	2	355070 237170
	Water Abstractions Operator: Messrs S T Layton & Sons Licence Number: 19/55/12/0830 Permit Version: 100 Location: Borehole At The Court Authority: Natural Resources Wales Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th September 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1725	4	355460 238425

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Messrs S T Layton & Sons Licence Number: 19/55/12/0830 Permit Version: 100 Location: Borehole At The Court Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th September 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1726	2	355460 238430
	Water Abstractions Operator: Messrs S T Layton & Sons Licence Number: 19/55/12/0830 Permit Version: 100 Location: Well Near The Court Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th September 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1782	2	355520 238380
	Water Abstractions Operator: Messrs S T Layton & Sons Licence Number: 19/55/12/0830 Permit Version: 100 Location: Well Near The Court Authority: Natural Resources Wales Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Licenced from 01-Jan to 31-Dec Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 15th September 2011 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(E)	1782	4	355520 238375
	Water Abstractions Operator: Mr P Rogers Licence Number: 19/55/18/0373 Permit Version: 100 Location: Well At Whitehall Authority: Environment Agency, Welsh Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Status: Revoked; Lapsed Or Cancelled Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 29th November 1991 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1875	2	355580 237930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Colcombe House Partnership Licence Number: Wa/055/0015/012 Permit Version: 1 Location: Point A - River Wye At Home Farm, Hampton Bishop Authority: Environment Agency, Welsh Region Abstraction: Trickle Irrigation: Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 29th March 2021 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A5SW (SE)	1898	2	354976 236781
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: Medium	A13SE (SE)	0	5	353702 238242
	Groundwater Vulnerability - Soluble Rock Risk None				
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	5	353702 238242
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (SE)	0	5	353702 238242
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	0	2	353668 238220
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	0	2	353712 238232
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models and Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	0	2	353702 238242
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	24	2	353732 238182
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13NE (NE)	74	2	353812 238304
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (S)	82	2	353736 238120
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	83	2	353802 238200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (S)	133	2	353706 238066
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SW (SW)	177	2	353616 238038
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Events Boundary Accuracy: As Supplied	A13SE (SE)	243	2	353858 238002
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NE (N)	0	2	353706 238254
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1242.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Gwy Catchment Name: Wye Primacy: 1	A13NE (NE)	267	6	353887 238511
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 233.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A13SE (SE)	300	6	353840 237926
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 156.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Gwy Catchment Name: Wye Primacy: 2	A18SE (N)	302	6	353770 238589
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 157.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Gwy Catchment Name: Wye Primacy: 1	A18SE (N)	306	6	353781 238592
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1600.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Afon Gwy Catchment Name: Wye Primacy: 1	A18SW (N)	412	6	353692 238697
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	457	6	354062 237902

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 418.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	461	6	354067 237901
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	482	6	354075 238635
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	482	6	354075 238635
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	500	6	354138 238592
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 224.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	501	6	354141 238589
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 7.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	504	6	354077 238664
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 159.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A19SW (NE)	510	6	354077 238671
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 272.6 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7NE (SW)	608	6	353262 237752
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14NW (E)	612	6	354327 238463

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 656.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A14NW (E)	616	6	354332 238459
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	775	6	354288 237677
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	778	6	354288 237673
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A12SW (W)	792	6	352896 237984
58	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9NW (SE)	848	6	354283 237570
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9SW (SE)	850	6	354277 237561
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9SW (SE)	868	6	354262 237526
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 76.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	871	6	353153 237503
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 194.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Red Brook Catchment Name: Wye Primacy: 1	A9SW (SE)	872	6	354263 237521

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 244.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A12SW (W)	888	6	352788 238013
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	943	6	353115 237442
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 179.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	943	6	353115 237442
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	952	6	353121 237427
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	952	6	353121 237427
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Wye Primacy: 1	A7SE (SW)	997	6	353079 237401

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
69	Historical Landfill Sites Licence Holder: Not Supplied Location: Dinedor Name: Railway Cutting Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD35336 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied	A8NE (SE)	582	2	354018 237703
70	Licensed Waste Management Facilities (Locations) Licence Number: 30233 Location: Rotherwas Household Waste Stn, Chapel Road, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6LD Operator Name: Mercia Waste Management Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Special Waste Transfer Stations Licence Status: Modified Issued: 20th July 2000 Last Modified: 12th May 2012 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	58	2	353625 238165
71	Licensed Waste Management Facilities (Locations) Licence Number: 402983 Location: Quickskip Hereford Limited, Land Off Chapel Road, Rotherwas Industrial Est, Hereford, Herefordshire, HR2 6LD Operator Name: Quickskip Hereford Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 9th March 2016 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	A13SE (E)	161	2	353882 238197
72	Licensed Waste Management Facilities (Locations) Licence Number: 30026 Location: Quickskip Transfer Stn, Reynard Close, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6JH Operator Name: Lively Joseph Henry Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 28th April 1989 Last Modified: 1st February 2005 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	232	2	353557 238002

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Licensed Waste Management Facilities (Locations) Licence Number: 30203 Location: Rotherwas Transfer Facility, Chapel Road, Hereford, Herefordshire, HR2 6LD Operator Name: Beacon Waste Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 13th January 1998 Last Modified: 7th March 2003 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	290	2	353429 238039
74	Licensed Waste Management Facilities (Locations) Licence Number: 400738 Location: Eastside Recycling Facility, Fordshill Road, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6NS Operator Name: Avalon Metals Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Metal Recycling Sites (Vehicle Dismantlers) Licence Status: Issued Issued: 28th January 2014 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	A13SE (SE)	328	2	353950 237970
74	Licensed Waste Management Facilities (Locations) Licence Number: 30391 Location: Lloyd George House, Fordshill Road, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6NS Operator Name: Eastside 2000 Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Special Waste Transfer Stations Licence Status: Modified Issued: 1st December 2006 Last Modified: 17th June 2016 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	328	2	353950 237970
74	Licensed Waste Management Facilities (Locations) Licence Number: 105599 Location: Mobile Plant Operator Name: Wye Valley Demolition Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Mobile Plant for remediation of land Licence Status: Issued Issued: 10th February 2015 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	A13SE (SE)	367	2	353964 237930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	Licensed Waste Management Facilities (Locations) Licence Number: 30109 Location: Greenapple Sludge, Fordshill Road, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6NS Operator Name: Greenapple Sludge Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 14th September 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 27th May 2011 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	370	2	353935 237901
76	Licensed Waste Management Facilities (Locations) Licence Number: 401273 Location: Unit 285, Fir Tree Lane, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6LA Operator Name: Quickskip Hereford Limited Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Treatment of waste to produce soil <75,000 tpy Licence Status: Issued Issued: 17th April 2014 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	A12NE (W)	465	2	353204 238359
77	Licensed Waste Management Facilities (Locations) Licence Number: 30085 Location: Waste Reclamation Centre, Fir Tree Lane, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6LA Operator Name: Beacon Waste Ltd Operator Location: Not Supplied Authority: Environment Agency - Midlands Region, West Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Surrendered Issued: 2nd March 1993 Last Modified: 17th May 2010 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 9th July 2012 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	569	2	353099 238370
	Local Authority Landfill Coverage Name: Herefordshire Council - Has not been able to supply Landfill data		0	7	353702 238242
78	Potentially Infilled Land (Non-Water) Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A13NW (NW)	38	-	353642 238268
79	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1985	A19NE (NE)	973	-	354459 238944
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1890	A13SW (S)	271	-	353581 237950
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1890	A13NW (W)	288	-	353365 238265
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1890	A8NW (SW)	410	-	353486 237839
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1930	A8NW (SW)	510	-	353448 237746

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A14NW (NE)	552	-	354215 238571
85	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A19SW (NE)	561	-	354195 238615
86	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A12NE (W)	636	-	353029 238368
87	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1890	A7NE (SW)	834	-	353058 237636
88	Registered Waste Transfer Sites Licence Holder: Mercia Waste Management Ltd Licence Reference: EAWML30233 Site Location: Rotherwas H.W.Station, Chapel Road, Rotherwas Industrial Estate, HEREFORD, Herefordshire, HR2 6LD Operator Location: Brook House, Oldham Road, Middleton, MANCHESTER, Greater Manchester, M24 1AY Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 20th July 2000 Preceded By: 1.056.55 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Maximum Waste Permitted By Licence Newlicence, Wastes Not To Hand Ukw 21.00.00 Inert Materials Ukw 22.00.00 General & Biodegradable Waste Ukw 23.00.00 Metals & Discarded/Scrap Composite Equipment Ukw 26.00.00 Asbestos Waste	A13SW (SW)	50	2	353650 238160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Beacon Waste Ltd Licence Reference: 1.056.55 Site Location: Rotherwas Transfer Station, Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, Hr2 6ld Operator Location: 106 High Street, EVESHAM, Worcestershire, WR11 4EZ Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 13th January 1998 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: Animal Bedding Difficult Wastes (As In Wmp.26) Only Comprising Drain/Interceptor Wastes Drained Road Sweepings Empty Used Containers Excavated Materials Food Processing Wastes/Starch Household & Commercial Waste Including Ind. Non-Haz. Waste Inert Waste Including Max.Waste Permitted By Licence Scrap Rubber (Including Tyres)</p> <p>Prohibited Waste: Any Sealed Containers Clinical Wastes Contaminated Materials Difficult Waste N.O.S. Explosive/Similar Waste Flammable Waste Liquid Wastes Other Obnoxious Wastes Oxidising Waste Sludge Wastes With Moisture Content > 80%W/W Waste In Pressurised Containers Waste N.O.S. Waste Reactive With Air Or Water Waste With Ph < 4 Waste With Ph > 11.5</p>	A13SW (SW)	50	2	353650 238160
89	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Cunliffe & Lively T/A Quickskip Ltd Licence Reference: 1.056.22 Site Location: Reynard Close, Rotherwas Industrial Estate, HEREFORD, Herefordshire, HR2 6JH Operator Location: Reynard Close, Rotherwas Industrial Estate, HEREFORD, Herefordshire, HR2 6JH Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 28th April 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: Construction Ind. Wastes Household Waste Ind. Non-Haz. Waste Max.Waste Permitted By Licence- Stated</p> <p>Prohibited Waste: Clinical Wastes Difficult Wastes (As In Wmp.26) Obnoxious Wastes</p>	A13SW (S)	176	2	353623 238037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
90	Registered Waste Transfer Sites Licence Holder: Greenapple Sludge Ltd Licence Reference: 1.056.45 Site Location: Fordhill Road, Rotherwas Industrial Estate, HEREFORD, Herefordshire, HR2 6NS Operator Location: As Site Address Authority: Environment Agency Wales, South East Area Site Category: Transfer Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 14th September 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Located by supplier to within 100m Boundary Quality: Not Supplied Authorised Waste: Domestic Septic Tank & Cesspool Wastes Max.Storage In Licence Prohibited Waste: Difficult Wastes (As In Wmp.26) Waste N.O.S.	A8NE (SE)	371	2	353935 237900
91	Registered Waste Transfer Sites Licence Holder: Beacon Waste Ltd Licence Reference: 1.056.38 Site Location: Fir Tree Lane W.R.C, Rotherwas.Industrial Estate, Hereford, Herefordshire Operator Location: 106 High Street, EVESHAM, Worcestershire, WR11 4EZ Authority: Environment Agency Wales, South East Area Site Category: Civic Amenity Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 2nd March 1993 Preceded By: R. 3 Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Bulky Houshold Waste Empty Waste Oil Containers Liquid Propane Gas Cylinders Oil Contaminated Materials Scrap Batteries Unwanted H'Hld Chems = Pharms/Cosmetic Unwanted H'Hld Chems = Trade-Named Waste Oil Prohibited Waste: Clinical Wastes Difficult Waste N.O.S. As In W.M.P.26 Food Waste Liquid/Sludge Waste N.O.S. Obnoxious Wastes Trade Or Business Waste	A12SE (W)	631	2	353020 238200
91	Registered Waste Transfer Sites Licence Holder: Hereford & Worcs C.C. Licence Reference: R. 3 Site Location: Fir Tree Lane, Rotherwas, Hereford, Herefordshire Operator Location: County Hall, Spetchley Road, WORCESTER, Worcestershire, WR5 2NP Authority: Environment Agency Wales, South East Area Site Category: Civic Amenity Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Licence Status: Record supersededSuperseded Dated: Not Supplied Preceded By: Not Given Licence: Superseded By: 1.056.38 Licence: Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Awkward/Bulky Houshold Waste Waste Engine Oil	A12SE (W)	631	2	353020 238200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	Control of Major Accident Hazards Sites (COMAH) Name: Sandling Fireworks Location: Rotherwas Industrial, HEREFORD, Hereford & Worcester, HR Reference: Not Supplied Type: Lower Tier Status: Record Ceased To Be Supplied Under COMAH Regulations Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	260	8	353552 237974
93	Explosive Sites Name: Sandling Fireworks Location: 14 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Status: Not Active Positional Accuracy: Automatically positioned to the address	A13SE (S)	95	8	353696 238106
94	Explosive Sites Name: North Site, Fir Tree Lane/G E Lundegaard T/A Sandl Location: North Site, Fir Tree Lane, Rotherwas, Hereford, Hr2 6la Status: Not Active Positional Accuracy: Manually positioned to the road within the address or location	A12NE (W)	589	8	353073 238348

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Pridoli Rocks (Undifferentiated)	A13SE (SE)	0	1	353702 238242
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	0	1	353702 238242
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	349	1	353783 237856
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	681	1	353921 238946
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SW (S)	963	1	354040 237292
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A9SW (SE)	976	1	354221 237364
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NW (NE)	983	1	354186 239165

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:	A19NE (NE)	985	1	354412 239009
95	BGS Recorded Mineral Sites Site Name: Rotherwas Location: Rotherwas, Hereford, Herefordshire Source: British Geological Survey, National Geoscience Information Service Reference: 44505 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Silurian Geology: Raglan Mudstone Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	34	1	353647 238266
96	BGS Recorded Mineral Sites Site Name: Franchise Stone Location: Rotherwas, Hereford, Herefordshire Source: British Geological Survey, National Geoscience Information Service Reference: 44800 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Silurian Geology: Raglan Mudstone Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	964	1	354446 238945
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	72	1	353756 238361
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	72	1	353756 238361
	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	194	1	353586 238031
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	72	1	353756 238361
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	353702 238242
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	18	1	353742 238208
	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 (SE)	0	1	353702 238242
	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 (SE)	0	1	353702 238242

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	Contemporary Trade Directory Entries Name: Hope Construction Materials Location: The Portacabin, Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned within the geographical locality	A13SE (SE)	6	-	353727 238219
97	Contemporary Trade Directory Entries Name: H P D Joinery Ltd Location: 22, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	6	-	353727 238219
97	Contemporary Trade Directory Entries Name: J D M Construction Solutions Location: 48, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13NE (E)	28	-	353760 238254
97	Contemporary Trade Directory Entries Name: Chapel Road Garage Location: 24, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	31	-	353751 238213
97	Contemporary Trade Directory Entries Name: Spaceball (International) Ltd Location: 24, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	31	-	353751 238213
97	Contemporary Trade Directory Entries Name: Chapel Road Garage Location: 24, Romney Huts, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD Classification: Mot Testing Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	31	-	353751 238213
97	Contemporary Trade Directory Entries Name: Autogas International Ltd Location: 48, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	54	-	353785 238248
97	Contemporary Trade Directory Entries Name: Reynolds Transport (Hereford) Ltd Location: 26, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	55	-	353775 238207
98	Contemporary Trade Directory Entries Name: Hope Construction Matereals Location: Chapel Rd, Rotherwas Ind Est, Hereford, HR2 6LD Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	27	-	353642 238194
98	Contemporary Trade Directory Entries Name: Breedon Aggregates Location: The Portacabin, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	50	-	353621 238182

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
99	Contemporary Trade Directory Entries Name: Hereford Range Cookers Location: CHURCH FARM COTTAGE, CHAPEL ROAD, ROTHERWAS, HR2 6LD Classification: Cookers - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A13NW (W)	72	-	353587 238262
100	Contemporary Trade Directory Entries Name: Cellargas Ltd Location: 44, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	78	-	353810 238248
100	Contemporary Trade Directory Entries Name: Industrial Gases Uk Ltd Location: 44, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Gas Suppliers Status: Active Positional Accuracy: Automatically positioned to the address	A13NE (E)	78	-	353810 238248
100	Contemporary Trade Directory Entries Name: Cellargas Location: 44, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	78	-	353810 238248
100	Contemporary Trade Directory Entries Name: Industrial Gases Uk Ltd Location: 44 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	79	-	353811 238249
100	Contemporary Trade Directory Entries Name: Industrial Gases Uk Ltd Location: 44 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Gas Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (E)	79	-	353811 238249
101	Contemporary Trade Directory Entries Name: D M Podmore Location: 40, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	130	-	353859 238234
102	Contemporary Trade Directory Entries Name: Move It International Location: 11, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	153	-	353804 238074
102	Contemporary Trade Directory Entries Name: Plock Engineering Location: 9, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	162	-	353815 238072
102	Contemporary Trade Directory Entries Name: Hereford Clutch Clinic Location: 8 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Brake & Clutch Service Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	167	-	353825 238074

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	Contemporary Trade Directory Entries Name: Multi Rides Uk Ltd Location: 8, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	171	-	353826 238069
103	Contemporary Trade Directory Entries Name: Ryeland Garage Services Location: 27, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	155	-	353871 238179
103	Contemporary Trade Directory Entries Name: Hereford Commercial Re Spray Location: 29, Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Commercial Vehicle Bodybuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (E)	179	-	353893 238170
104	Contemporary Trade Directory Entries Name: Callow Fuels Location: Reynard Close, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Oil Fuel Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	176	-	353599 238045
104	Contemporary Trade Directory Entries Name: Toms Hereford Ltd Location: Reynard Cl, Rotherwas Ind Est, Hereford, HR2 6JH Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	178	-	353571 238056
104	Contemporary Trade Directory Entries Name: Tom'S Cars Location: Reynard Cl, Rotherwas Ind Est, Hereford, HR2 6JH Classification: Refrigeration Equipment - Commercial Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	181	-	353570 238054
104	Contemporary Trade Directory Entries Name: Breedon Hereford Concrete Plant Location: The Portacabin Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	213	-	353562 238021
105	Contemporary Trade Directory Entries Name: Radbournes Location: Reynard Close, Rotherwas Industrial Estate, Hereford, HR2 6JH Classification: Sand, Gravel & Other Aggregates Status: Active Positional Accuracy: Automatically positioned to the address	A13SW (SW)	178	-	353544 238076
106	Contemporary Trade Directory Entries Name: Swc Autos Location: Unit 2, Chapel Road, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6LD Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	222	-	353468 238100
107	Contemporary Trade Directory Entries Name: Hereford Car & Commercials Location: Reynard Close, Rotherwas Industrial Estate, HEREFORD, HR2 6JH Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	238	-	353558 237995
107	Contemporary Trade Directory Entries Name: Thorn Lighting Ltd Location: Rotherwas, Hereford, HR2 6JS Classification: Lighting Manufacturers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	258	-	353556 237974

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	Contemporary Trade Directory Entries Name: Breedon Aggregates Location: The Portacabin, Chapel Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LD Classification: Sand, Gravel & Other Aggregates Status: Inactive Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	269	-	353467 238026
108	Contemporary Trade Directory Entries Name: Hereford Low Loaders Location: 2, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Classification: Machinery - Industrial & Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	289	-	353429 238041
109	Contemporary Trade Directory Entries Name: Leachs Location: 228, Holme Lacy Road, Hereford, HR2 6BQ Classification: Scaffolding & Work Platforms Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	325	-	353644 237882
109	Contemporary Trade Directory Entries Name: Treadwise Location: Unit 5a, Sigeric Business Park, Holme Lacy Road, Hereford, HR2 6BQ Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	366	-	353649 237839
109	Contemporary Trade Directory Entries Name: Interact Repro Services Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	370	-	353630 237839
109	Contemporary Trade Directory Entries Name: Rexam Plastic Packaging Location: 226-228, Holme Lacy Road, Hereford, HR2 6BQ Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	370	-	353630 237839
110	Contemporary Trade Directory Entries Name: Hereford Auto Salvage Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6NS Classification: Salvage Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	343	-	353981 237982
111	Contemporary Trade Directory Entries Name: Axon Enterprises Ltd Location: Unit 3, Sigeric Business Park, Holme Lacy Road, Hereford, HR2 6BQ Classification: Catering Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	353	-	353726 237846
112	Contemporary Trade Directory Entries Name: A1 Car & Commercial Repairs & Servicing Location: Rotherwas Ind Est, Hereford, HR2 6LB Classification: Car & Commercial Repairs Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	357	-	353385 237986
113	Contemporary Trade Directory Entries Name: Rexam Plastic Packaging Location: Rotherwas Industrial Estate, Hereford, HR2 6LB Classification: Packaging Materials Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SW (SW)	370	-	353411 237939
114	Contemporary Trade Directory Entries Name: L M C Location: LLOYD GEORGE HOUSE, FORDSHILL ROAD, ROTHERWAS, HR2 6NS Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	372	-	353970 237929

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
114	Contemporary Trade Directory Entries Name: Warehouse 701 Ltd Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6NS Classification: Reclamation Centres Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	372	-	353970 237929
114	Contemporary Trade Directory Entries Name: Wye Valley Group Auto Breakers Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Classification: Car Breakers & Dismantlers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	386	-	353994 237932
114	Contemporary Trade Directory Entries Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Classification: Scrap Metal Merchants Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	386	-	353994 237932
114	Contemporary Trade Directory Entries Name: Raw2k - Scrap My Car Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Classification: Salvage Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A13SE (SE)	386	-	353994 237932
114	Contemporary Trade Directory Entries Name: Wye Valley Reclamation Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Classification: Reclamation Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	386	-	353994 237932
114	Contemporary Trade Directory Entries Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Classification: Scrap Metal Merchants Status: Inactive Positional Accuracy: Automatically positioned to the address	A13SE (SE)	386	-	353994 237932
115	Contemporary Trade Directory Entries Name: Rotherwas Car & Light Commercial Ltd Location: Unit 2a Sigeric Business Park, Holme Lacy Road, Hereford, Herefordshire, HR2 6BQ Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	387	-	353792 237819
116	Contemporary Trade Directory Entries Name: Magenta Location: UNIT 16, CENTENARY PARK, SKYLON CENTRAL, HEREFORD, HR2 6FJ Classification: Copying & Duplicating Machines & Supplies Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	391	-	353319 238019
117	Contemporary Trade Directory Entries Name: Beck Uk Location: Gateway House, Holme Lacy Road, Rotherwas, HEREFORD, HR2 6EQ Classification: Insulation Materials Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (S)	442	-	353544 237783
117	Contemporary Trade Directory Entries Name: Solarkinetics Location: UNIT 1, BUILDING C, SKYLON COURT, ROTHERWAS, HEREFORD, HR2 6JS Classification: Electricity Generating & Distributing Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (S)	443	-	353519 237790
118	Contemporary Trade Directory Entries Name: Prosys Automation Location: UNIT 19, CENTENARY PARK, SKYLON CENTRAL, HEREFORD, HR2 6FJ Classification: Automation Systems & Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	446	-	353284 237973

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	Contemporary Trade Directory Entries Name: Square Cuts Location: Coldnose Court, Coldnose Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JL Classification: Print Finishers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	459	-	353405 237829
119	Contemporary Trade Directory Entries Name: Arctic Circle Ltd Location: Coldnose Court, Coldnose Road, Rotherwas Industrial Estate, Hereford, HR2 6JL Classification: Refrigeration Equipment Manufacturers & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	462	-	353404 237827
119	Contemporary Trade Directory Entries Name: Arctic Circle Ltd Location: Coldnose Court, Coldnose Road, Rotherwas Industrial Estate, Hereford, HR2 6JL Classification: Refrigeration Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	462	-	353404 237827
120	Contemporary Trade Directory Entries Name: The Marches Group Location: Apex House, Coldnose Road, Rotherwas Industrial Estate, Hereford, HR2 6JL Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	531	-	353459 237718
120	Contemporary Trade Directory Entries Name: Broadfix Location: Apex House, Coldnose Road, Rotherwas Industrial Estate, Hereford, HR2 6JL Classification: Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A8NW (SW)	531	-	353459 237718
120	Contemporary Trade Directory Entries Name: St Owens Press Location: Impact House, Coldnose Road, Rotherwas Industrial Estate, Hereford, HR2 6JL Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	532	-	353453 237720
120	Contemporary Trade Directory Entries Name: Pearson Precision Toolmakers Ltd Location: Unit C1 Skylon Court, Coldnose Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JL Classification: Tool Design, Manufacturers & Makers Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A8NW (SW)	556	-	353410 237714
121	Contemporary Trade Directory Entries Name: Hereford Powder Coating Location: Unit 285, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Powder Coatings Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	553	-	353119 238383
121	Contemporary Trade Directory Entries Name: C S C S Location: Unit 285, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Blast Cleaning Status: Inactive Positional Accuracy: Automatically positioned to the address	A12NE (W)	553	-	353119 238383
122	Contemporary Trade Directory Entries Name: R S S A C Ltd Location: 54, VINCENT CAREY ROAD, ROTHERWAS, HR2 6FE Classification: Refrigeration Equipment - Commercial Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (W)	582	-	353072 238164
123	Contemporary Trade Directory Entries Name: Keg Services Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Drums, Kegs, Barrels & Casks Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	599	-	353172 237867

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
124	Contemporary Trade Directory Entries Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	611	-	353116 237931
124	Contemporary Trade Directory Entries Name: B P Service Station Location: SERVICE STATION, HOLME LACY ROAD, ROTHERWAS, HR2 6BQ Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address	A12SE (SW)	611	-	353116 237931
124	Contemporary Trade Directory Entries Name: F O Barton Location: Holme Lacy Road, Hereford, HR2 6BQ Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	618	-	353112 237923
124	Contemporary Trade Directory Entries Name: Rotherwas Service Station Location: Holme Lacy Road, Hereford, HR2 6BQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	618	-	353112 237923
124	Contemporary Trade Directory Entries Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SE (SW)	618	-	353112 237923
125	Contemporary Trade Directory Entries Name: Highcrown Trading Ltd Location: Unit 1, Gatehouse Rd, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6RQ Classification: Reclaiming - Waste Products Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	621	-	353250 237746
125	Contemporary Trade Directory Entries Name: Bullock Joinery Ltd Location: UNIT 3, FOXWOOD COURT, ROTHERWAS, HR2 6JQ Classification: Joinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	634	-	353223 237753
125	Contemporary Trade Directory Entries Name: Roper & Wrecks Ltd Location: Unit 3, Foxwood Court, Rotherwas Industrial Estate, Hereford, HR2 6JQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	646	-	353218 237742
125	Contemporary Trade Directory Entries Name: P K Engineering Ltd Location: Unit 5, Foxwood Court, Rotherwas Industrial Estate, Hereford, HR2 6JQ Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	674	-	353209 237711
126	Contemporary Trade Directory Entries Name: Acorn Industrial Developments Location: Unit 3, Wallbrook Court, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JG Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	641	-	353120 237868
127	Contemporary Trade Directory Entries Name: Severn Waste Services Location: Rotherwas Household Waste Tip, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	644	-	353008 238176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	Contemporary Trade Directory Entries Name: Severn Waste Services Location: Rotherwas Household Waste Tip, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LA Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	644	-	353008 238176
127	Contemporary Trade Directory Entries Name: Commercial Vehicle Repairs Location: 2, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	665	-	352990 238152
127	Contemporary Trade Directory Entries Name: Polyford (Plastics) Ltd Location: Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Polythene & Plastic Sheeting Supplies Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	677	-	352984 238107
127	Contemporary Trade Directory Entries Name: Ski Tyres Location: Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Tyre Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	677	-	352984 238107
127	Contemporary Trade Directory Entries Name: Jj'S Motorcycles Mot Station Location: Fir Tree La, Rotherwas Ind Est, Hereford, Herefordshire, HR2 6LA Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12SW (W)	701	-	352952 238161
128	Contemporary Trade Directory Entries Name: Scrap Cars Vans Caravans Buyer Location: Rural Enterprise Centre, Hereford, Herefordshire, hr2 6fe Classification: Car Breakers & Dismantlers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A12SW (W)	673	-	353015 238005
128	Contemporary Trade Directory Entries Name: Money For Scrap Cars Vans Hereford Location: Rural Enterprise Centre, 46 Vincent Carey Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6FE Classification: Salvage Dealers Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	673	-	353014 238008
128	Contemporary Trade Directory Entries Name: Cypher Co Ltd Location: 19 Rural Enterprise Centre Rotherwas Industrial Estate, Vincent Carey Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6FE Classification: Container Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	674	-	353014 238004
129	Contemporary Trade Directory Entries Name: A K Industries Ltd Location: Unit 1/2, Foxwood Court, Rotherwas Industrial Estate, Hereford, HR2 6JQ Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	674	-	353161 237760
129	Contemporary Trade Directory Entries Name: Acatilyst Location: Unit 1/3, Parkwood Court, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6NU Classification: Electronic Engineers Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	674	-	353161 237760
129	Contemporary Trade Directory Entries Name: A K Industries Ltd Location: Unit 1, Foxwood Court, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JQ Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	674	-	353161 237760

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	Contemporary Trade Directory Entries Name: A K Industries Location: Unit 1-2, Foxwood Court, Rotherwas Industrial Estate, Hereford, HR2 6JQ Classification: Plastics - Injection Moulding Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	688	-	353156 237745
130	Contemporary Trade Directory Entries Name: Dynamite Products Ltd Location: Unit 5-8, Wallbrook Court, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JG Classification: Chemical Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	703	-	353046 237869
131	Contemporary Trade Directory Entries Name: Claymore Plastics Within Oakleys Transport Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LR Classification: Distribution Services Status: Active Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	707	-	353224 237655
131	Contemporary Trade Directory Entries Name: J D P Ltd Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6RQ Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A7NE (SW)	713	-	353188 237677
132	Contemporary Trade Directory Entries Name: J W S Oakley Transport Ltd Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6RQ Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	720	-	353256 237615
133	Contemporary Trade Directory Entries Name: Sheridan X-Sell Ltd Location: Unit 4, Parkwood Court, Rotherwas Industrial Estate, HEREFORD, HR2 6NU Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	733	-	353065 237787
133	Contemporary Trade Directory Entries Name: T & P Productions Location: Unit 5, Parkwood Court, Rotherwas Industrial Estate, Hereford, HR2 6NU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	749	-	353061 237765
133	Contemporary Trade Directory Entries Name: Milliard Manufacturing Location: Rotherwas Indust Est, Ramsden Rd, Rotherwas, Hereford, HR2 6LR Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	797	-	353022 237736
134	Contemporary Trade Directory Entries Name: T R P Polymer Solutions Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Rubber & Plastic Products - Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	746	-	352988 237883
135	Contemporary Trade Directory Entries Name: A C L Sheet Metal Ltd Location: Acl Sheet Metal Ltd, Campwood Road, Rotherwas, HR2 6JD Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	773	-	352877 238226
135	Contemporary Trade Directory Entries Name: Arrowmight Location: Campwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JD Classification: Metal Products - Fabricated Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	776	-	352874 238220

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
135	Contemporary Trade Directory Entries Name: Modular Systems & Developments Location: Campwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JD Classification: Laboratory Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	781	-	352869 238219
136	Contemporary Trade Directory Entries Name: Arthur Oakley Transport Ltd Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6RQ Classification: Freight Forwarders Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	776	-	353190 237594
137	Contemporary Trade Directory Entries Name: Propath Location: Willow Court, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Laboratories Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (SW)	781	-	352937 237910
138	Contemporary Trade Directory Entries Name: Greenapple Sludge Ltd Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Classification: Waste Disposal Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	787	-	353130 237630
138	Contemporary Trade Directory Entries Name: C M C Tuning Location: Unit 8, Oakleys Yard, Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	800	-	353127 237615
138	Contemporary Trade Directory Entries Name: Country Style Cookers Ltd Location: Unit 8, Oakleys Yard, Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Classification: Cookers - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	822	-	353121 237591
138	Contemporary Trade Directory Entries Name: Weatherhaven Global Solutions Ltd Location: Unit 8, Oakleys Yard, Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Classification: Engineers - General Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NE (SW)	822	-	353121 237591
139	Contemporary Trade Directory Entries Name: Evapco Uk Midland Sales Location: 2, Braemar Gardens, Hereford, HR1 1SJ Classification: Plant & Machinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A18NW (N)	802	-	353591 239076
140	Contemporary Trade Directory Entries Name: H F T Forklifts Location: Infinity House, Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Classification: Fork Lift Trucks Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	826	-	352838 238076
141	Contemporary Trade Directory Entries Name: Hereford Metal Finishers Ltd Location: Unit 10, Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Classification: Metal Finishing Services Status: Active Positional Accuracy: Automatically positioned to the address	A7NE (SW)	830	-	353070 237629
142	Contemporary Trade Directory Entries Name: Clean My Location: Royston Court, Unit 2 Festival Way, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6ST Classification: Cleaning Materials & Equipment Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A12NW (W)	851	-	352799 238253

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	Contemporary Trade Directory Entries Name: Moldmasters Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Plant & Machinery Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	855	-	352898 237822
143	Contemporary Trade Directory Entries Name: P M S Systems Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Electronic Equipment - Manufacturers & Assemblers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	855	-	352898 237822
143	Contemporary Trade Directory Entries Name: Barrs Court Engineering Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Precision Engineers Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	883	-	352867 237821
143	Contemporary Trade Directory Entries Name: Barrs Court Engineering Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JU Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	883	-	352867 237821
144	Contemporary Trade Directory Entries Name: X-Online Technology Ltd Location: Unit 5 Wallbrook Court, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JE Classification: Electronic Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	862	-	352853 237899
145	Contemporary Trade Directory Entries Name: Denco Lubrication Ltd Location: Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Classification: Lubricating Equipment Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	867	-	352929 237746
145	Contemporary Trade Directory Entries Name: Bijur Delimon Uk Location: Ramsden Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LR Classification: Engineers - General Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	871	-	352927 237743
146	Contemporary Trade Directory Entries Name: B & L Sheet Metal Ltd Location: Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Classification: Sheet Metal Work Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	871	-	352973 237679
146	Contemporary Trade Directory Entries Name: Premi Aire (Ace) Ltd Location: Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Classification: Air Conditioning Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	871	-	352973 237679
146	Contemporary Trade Directory Entries Name: Studio 7 Location: 5, Ramsden Court, Rotherwas Industrial Estate, Hereford, HR2 6NT Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	915	-	352925 237669
147	Contemporary Trade Directory Entries Name: Contrapak Location: Holme Lacy Rd, Hereford, Herefordshire, HR2 6BQ Classification: Packaging & Wrapping Equipment & Supplies Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	893	-	352765 238110

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	Contemporary Trade Directory Entries Name: Wisdom Systems Location: Croma House, Holme Lacy Road, Hereford, Herefordshire, HR2 6BQ Classification: Pumps - Sales, Servicing & Repairs Status: Active Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	894	-	352764 238110
147	Contemporary Trade Directory Entries Name: Schaeffler Location: Fir Tree Lane, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LA Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Active Positional Accuracy: Manually positioned to the address or location	A12SW (W)	903	-	352759 238080
148	Contemporary Trade Directory Entries Name: Thomas & Green Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Paper & Cardboard Products & Packaging - Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	894	-	352807 237930
148	Contemporary Trade Directory Entries Name: D M E Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JU Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	A12SW (W)	897	-	352805 237926
148	Contemporary Trade Directory Entries Name: N & M International Transport Location: Netherwood Rd, Rotherwas Ind Est, Hereford, HR2 6JU Classification: Road Haulage Services Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	A7NW (W)	911	-	352800 237900
149	Contemporary Trade Directory Entries Name: Traditional Joinery Location: Unit 1, Ramsden Court, Ramsden Road, Rotherwas, HR2 6NT Classification: Joinery Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	938	-	352918 237640
150	Contemporary Trade Directory Entries Name: Mercian Lifting Gear Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	940	-	352787 237855
150	Contemporary Trade Directory Entries Name: Mercian Lifting Gear Uk Ltd Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	940	-	352787 237855
150	Contemporary Trade Directory Entries Name: Mercian Lifting Gear Location: Netherwood Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JU Classification: Lifting Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	940	-	352787 237855
150	Contemporary Trade Directory Entries Name: Hereford Mobility Centre Location: Unit 1-2, Ravenswood Court, Rotherwas Industrial Estate, Hereford, HR2 6JX Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	971	-	352753 237856
150	Contemporary Trade Directory Entries Name: Medigraph Imaging Ltd Location: Unit 1-2, Ravenswood Court, Rotherwas Industrial Estate, Hereford, HR2 6JX Classification: Veterinary Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	972	-	352751 237857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	Contemporary Trade Directory Entries Name: South Wye Recycling Location: Unit 1, Ravenswood Court, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6JX Classification: Recycling Centres Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (W)	972	-	352751 237857
150	Contemporary Trade Directory Entries Name: J & R Engineering Location: Unit 4/5, Ravenswood Court, Rotherwas Industrial Estate, Hereford, HR2 6JX Classification: Tool Design, Manufacturers & Makers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	989	-	352743 237833
151	Contemporary Trade Directory Entries Name: Wye Cylinder Engineering Location: 403, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Hydraulic Systems & Equipment Manufacturers Status: Active Positional Accuracy: Automatically positioned to the address	A12SW (W)	942	-	352745 237966
151	Contemporary Trade Directory Entries Name: Wye Cylinder Engineering Ltd Location: 403, Netherwood Road, Rotherwas Industrial Estate, Hereford, HR2 6JU Classification: Hydraulic Systems & Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address	A12SW (W)	942	-	352745 237966
152	Contemporary Trade Directory Entries Name: The Sash Restoration Co Hereford Ltd Location: Unit 6d, Thorn Business Park, Rotherwas, HEREFORD, HR2 6JT Classification: Window Frames - Sales & Service Status: Active Positional Accuracy: Automatically positioned to the address	A12NW (W)	943	-	352709 238296
153	Contemporary Trade Directory Entries Name: Owen Bros Commercials Location: The Bungalow, Dinedor, Hereford, HR2 6LF Classification: Commercial Vehicle Dealers Status: Active Positional Accuracy: Automatically positioned to the address	A9SW (SE)	956	-	354105 237326
154	Contemporary Trade Directory Entries Name: Professional Golf Europe Ltd Location: Unit 5d, Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Classification: Sports Equipment Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	A7NW (SW)	961	-	352856 237687
154	Contemporary Trade Directory Entries Name: J D Engineering Ltd Location: Unit 5a, Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Classification: Precision Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A7NW (SW)	961	-	352856 237687
154	Contemporary Trade Directory Entries Name: Keymoood Uk Ltd Location: 5a-5b, Unit, Ramsden Road, Rotherwas Industrial Estate, Hereford, Herefordshire, HR2 6LR Classification: Plastics - Raw Materials Status: Inactive Positional Accuracy: Manually positioned to the address or location	A7NW (SW)	971	-	352851 237677
155	Contemporary Trade Directory Entries Name: Bathgate Flooring Ltd Location: Unit 6g, Thorn Business Park, Rotherwas, HR2 6JT Classification: Floorcoverings - Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address	A11SE (W)	983	-	352667 238226
156	Contemporary Trade Directory Entries Name: Mobile Ramp Hire Location: 59, Gurney Avenue, Hereford, HR1 1XN Classification: Garage Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A23SE (N)	992	-	353729 239281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	Fuel Station Entries Name: Rotherwas Service Station Location: Holme Lacy Road , , Hereford, Herefordshire, County Of, HR2 6BQ Brand: Bp Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location	A12SE (SW)	604	-	353131 237918
158	Points of Interest - Commercial Services Name: Chapel Road Garage Location: 24 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	31	9	353751 238213
158	Points of Interest - Commercial Services Name: Chapel Road Garage Location: 24 Chapel Road, Rotherwas, HR2 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	33	9	353753 238213
158	Points of Interest - Commercial Services Name: Reynolds Transport (Hereford) Ltd Location: 26 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	55	9	353775 238207
158	Points of Interest - Commercial Services Name: Reynolds Transport Hereford Ltd Location: 26 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SE (SE)	55	9	353775 238207
159	Points of Interest - Commercial Services Name: Hereford Clutch Clinic Location: 8 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	167	9	353825 238073
159	Points of Interest - Commercial Services Name: Hereford Clutch Clinic Location: 8 Romney Huts, Chapel Road, Rotherwas Industrial Estate, Hereford, HR2 6LD Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SE (SE)	171	9	353826 238069
160	Points of Interest - Commercial Services Name: Hereford Car & Commercial Services Location: Reynard Close, Rotherwas Industrial Estate, Hereford, HR2 6JH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	238	9	353558 237995
160	Points of Interest - Commercial Services Name: Hereford Car & Commercial Services Location: Reynard Close, Rotherwas Industrial Estate, Hereford, HR2 6JH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13SW (SW)	239	9	353557 237995
160	Points of Interest - Commercial Services Name: Tom's Hereford Ltd Location: Unit 2, Reynard Close, Rotherwas Industrial Estate, Hereford, HR2 6JH Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13SW (SW)	272	9	353506 237987
161	Points of Interest - Commercial Services Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	365	9	353963 237931

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
161	Points of Interest - Commercial Services Name: Wye Valley Group Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A13SE (SE)	365	9	353964 237932
161	Points of Interest - Commercial Services Name: Hereford Metal Recycling Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	365	9	353964 237932
161	Points of Interest - Commercial Services Name: Avalon Metals Ltd Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	372	9	353970 237928
161	Points of Interest - Commercial Services Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	372	9	353970 237928
161	Points of Interest - Commercial Services Name: Wye Valley Group Auto Breakers Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	386	9	353994 237932
161	Points of Interest - Commercial Services Name: Raw2k - Scrap My Car Location: Lloyd George House, Fordshill Road, Rotherwas, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	386	9	353994 237932
161	Points of Interest - Commercial Services Name: Wye Valley Metals Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	386	9	353995 237934
161	Points of Interest - Commercial Services Name: Hereford Auto Salvage Location: Lloyd George House, Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A13SE (SE)	386	9	353995 237934
162	Points of Interest - Commercial Services Name: Rotherwas Car & Light Commercial Ltd Location: Unit 2a, Sigeric Business Park, Holme Lacy Road, Hereford, HR2 6BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	387	9	353792 237819
163	Points of Interest - Commercial Services Name: Scrap Yard Location: HR2 Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	487	9	353182 238362
163	Points of Interest - Commercial Services Name: Scrap Yard Location: Not Supplied Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to an adjacent address or location	A12NE (W)	488	9	353180 238360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
164	Points of Interest - Commercial Services Name: Hereford Asbestos Services Ltd Location: Unit 2 Pearson Business Park, Coldnose Road, Rotherwas, HR2 6SQ Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A8NW (SW)	543	9	353391 237739
165	Points of Interest - Commercial Services Name: Rotherwas Service Station Location: Service Station, Holme Lacy Road, Rotherwas, HR2 6BQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	611	9	353116 237931
165	Points of Interest - Commercial Services Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
165	Points of Interest - Commercial Services Name: F O Barton Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
165	Points of Interest - Commercial Services Name: F O Barton Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
165	Points of Interest - Commercial Services Name: Car Wash Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
166	Points of Interest - Commercial Services Name: Money for Scrap Cars Vans Hereford Location: Rural Enterprise Centre, 46 Vincent Carey Road, Rotherwas Industrial Estate, Hereford, HR2 6FE Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A12SE (W)	618	9	353056 238057
167	Points of Interest - Commercial Services Name: Commercial Vehicle Repairs Location: 2 Firemens Quarters, Rotherwas, HR2 6LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	637	9	353019 238139
168	Points of Interest - Commercial Services Name: A C L Sheet Metal Ltd Location: Acl Sheet Metal Ltd, Campwood Road, Rotherwas, HR2 6JT Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A12SW (W)	773	9	352877 238226
169	Points of Interest - Commercial Services Name: Arthur Oakley Transport Ltd Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6RQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	776	9	353190 237594
169	Points of Interest - Commercial Services Name: Claymore Plastics Within Oakleys Transport Location: Gatehouse Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	789	9	353129 237629
169	Points of Interest - Commercial Services Name: A C L Sheet Metal Ltd Location: Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A7NE (SW)	800	9	353127 237615

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
169	Points of Interest - Commercial Services Name: Arthur Oakley Transport Ltd Location: Gatehouse Road, Hereford, HR2 6RQ Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NE (SW)	822	9	353121 237591
170	Points of Interest - Commercial Services Name: Schaeffler Location: Fir Tree Lane, Rotherwas Industrial Estate, Hereford, HR2 6LA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12SW (W)	903	9	352759 238080
171	Points of Interest - Commercial Services Name: J B Motorcraft Location: 2 Ramsden Court, Rotherwas Industrial Estate, Hereford, HR2 6NT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A7NW (SW)	931	9	352921 237648
171	Points of Interest - Commercial Services Name: Forte Music Distribution Location: Unit 5f-5g, Ramsden Road, Rotherwas Industrial Estate, Hereford, HR2 6LR Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A7NW (SW)	971	9	352851 237677
172	Points of Interest - Manufacturing and Production Name: Tank Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A13SW (SW)	160	9	353616 238055
172	Points of Interest - Manufacturing and Production Name: Tanks Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	160	9	353616 238055
173	Points of Interest - Manufacturing and Production Name: Rotherwas Industrial Estate Location: HR2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A13SW (W)	295	9	353365 238152
174	Points of Interest - Manufacturing and Production Name: Sigeric Business Park Location: HR2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	311	9	353721 237888
175	Points of Interest - Manufacturing and Production Name: Business Park Location: HR2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	594	9	353343 237709
176	Points of Interest - Manufacturing and Production Name: Evans EasySpace Location: Rural Enterprise Centre, Vincent Carey Rd, Rotherwas Ind Est, Hereford, HR2 6FE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A12SE (W)	659	9	353027 238012
176	Points of Interest - Manufacturing and Production Name: Evans Easyspace Location: Rural Enterprise Centre, Vincent Carey Road, Rotherwas Industrial Estate, Hereford, HR2 6FE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A12SE (W)	660	9	353027 238010

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
176	Points of Interest - Manufacturing and Production Name: Flexspace Location: 17 Rural Enterprise Centre, Vincent Carey Road, Rotherwas, HR2 6FE Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to address or location	A12SW (W)	674	9	353013 238007
176	Points of Interest - Manufacturing and Production Name: Rural Enterprise Centre Location: HR2 Category: Industrial Features Class Code: Business Parks and Industrial Estates Positional Accuracy: Positioned to an adjacent address or location	A12SW (W)	706	9	352971 238035
177	Points of Interest - Manufacturing and Production Name: Tanks Location: HR1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	759	9	354487 238424
177	Points of Interest - Manufacturing and Production Name: Tank Location: HR1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NE (E)	768	9	354497 238420
177	Points of Interest - Manufacturing and Production Name: Tank Location: HR1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NE (E)	770	9	354498 238421
177	Points of Interest - Manufacturing and Production Name: Tank Location: HR1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A14NE (E)	773	9	354502 238417
177	Points of Interest - Manufacturing and Production Name: Tank Location: HR1 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	782	9	354513 238409
178	Points of Interest - Manufacturing and Production Name: Tank Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	787	9	353071 237692
179	Points of Interest - Manufacturing and Production Name: Works Location: HR2 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9SW (SE)	846	9	354111 237451
180	Points of Interest - Manufacturing and Production Name: Tank Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A17SW (NW)	954	9	352791 238644
181	Points of Interest - Manufacturing and Production Name: Tank Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	988	9	352762 237795
182	Points of Interest - Manufacturing and Production Name: Tank Location: HR2 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	998	9	352860 237617

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	Points of Interest - Public Infrastructure Name: Recycling Centre Location: Chapel Road, HR2 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SW (SW)	44	9	353647 238168
184	Points of Interest - Public Infrastructure Name: Burial Ground Location: HR2 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	181	9	353650 238028
184	Points of Interest - Public Infrastructure Name: Burial Ground Location: Not Supplied Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A13SW (S)	182	9	353649 238027
185	Points of Interest - Public Infrastructure Name: Waste Reclamation Centre Location: Nr Fordshill Road, HR2 Category: Infrastructure and Facilities Class Code: Recycling Centres Positional Accuracy: Positioned to address or location	A13SE (SE)	249	9	353932 238077
186	Points of Interest - Public Infrastructure Name: Greenapple Sludge Ltd Location: Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (SE)	371	9	353936 237901
186	Points of Interest - Public Infrastructure Name: Greenapple Sludge Ltd Location: Fordshill Road, Rotherwas Industrial Estate, Hereford, HR2 6NS Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A8NE (SE)	371	9	353936 237901
187	Points of Interest - Public Infrastructure Name: Sewage Works Location: HR2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NE (NW)	401	9	353353 238498
188	Points of Interest - Public Infrastructure Name: Sewage Works Location: HR2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A12NE (NW)	495	9	353249 238518
189	Points of Interest - Public Infrastructure Name: Outfall Location: HR2 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	578	9	353497 238813
190	Points of Interest - Public Infrastructure Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	604	9	353131 237918
190	Points of Interest - Public Infrastructure Name: BP Service Station Location: Service Station, Holme Lacy Road, Rotherwas, HR2 6BQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	604	9	353131 237919
190	Points of Interest - Public Infrastructure Name: Rotherwas Service Station Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	Points of Interest - Public Infrastructure Name: Rotherwas Service Station Ltd Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
190	Points of Interest - Public Infrastructure Name: Rotherwas Service Station Limited Location: Holme Lacy Road, Hereford, Herefordshire, HR2 6DD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	618	9	353112 237923
190	Points of Interest - Public Infrastructure Name: Rotherwas Service Station Location: Holme Lacy Road, Hereford, HR2 6BQ Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A12SE (SW)	619	9	353111 237923
191	Points of Interest - Public Infrastructure Name: Refuse Tip (Public) Location: HR2 Category: Infrastructure and Facilities Class Code: Refuse Disposal Facilities Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	625	9	353026 238191
192	Points of Interest - Public Infrastructure Name: Veolia Environnement Location: Land Used for Storage Adjacent Avanna Building, Ramsden Road, Rotherwas, HR2 6RQ Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A7NE (SW)	713	9	353188 237677
193	Points of Interest - Public Infrastructure Name: Filter Bed Location: HR1 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	784	9	354512 238422
193	Points of Interest - Public Infrastructure Name: Filter Bed Location: HR1 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	791	9	354519 238423

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
194	Ancient Woodland Name: Not Supplied Reference: 1414337 Area(m²): 73037.29 Type: Ancient and Semi-Natural Woodland	A8NE (S)	531	10	353885 237695
195	Ancient Woodland Name: Rotherwas Park Wood Reference: 1106147 Area(m²): 30683.72 Type: Ancient and Semi-Natural Woodland	A8NE (S)	547	10	353722 237651
196	Ancient Woodland Name: Not Supplied Reference: 1414336 Area(m²): 3420.09 Type: Ancient and Semi-Natural Woodland	A8SW (S)	691	10	353568 237524
197	Ancient Woodland Name: Not Supplied Reference: 1414335 Area(m²): 36225.12 Type: Ancient and Semi-Natural Woodland	A7SE (SW)	804	10	353303 237490
198	Nitrate Vulnerable Zones Name: Hereford, England Description: Groundwater Source: Environment Agency, Head Office	A13SE (SE)	0	5	353702 238242
199	Nitrate Vulnerable Zones Name: R Wye - Bredwardine Br To Hampton Bishop Nvz Description: Surface Water Source: Environment Agency, Head Office	A13SE (SE)	0	5	353702 238242
200	Sites of Special Scientific Interest Name: River Wye Multiple Areas: Y Total Area (m2): 9054825.25 Source: Natural England Reference: 1006327 Designation Details: Area Of Outstanding Natural Beauty Designation Date: 28th November 1996 Date Type: Notified Designation Details: Local Wildlife Site Designation Date: 28th November 1996 Date Type: Notified Designation Details: Nature Conservation Review Designation Date: 28th November 1996 Date Type: Notified Designation Details: National Trust Reserve Designation Date: 28th November 1996 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 28th November 1996 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 28th November 1996 Date Type: Notified Designation Details: Water Framework Directive (WFD) Designation Date: 28th November 1996 Date Type: Notified	A13NE (NE)	236	10	353867 238487
201	Special Areas of Conservation Name: River Wye / Afon Gwy (England) Multiple Areas: Y Total Area (m2): 9648452.45 Source: Natural Resources Wales Reference: UK0012642 Status: Designated	A13NE (NE)	235	4	353856 238493
202	Special Areas of Conservation Name: River Wye Multiple Areas: Y Total Area (m2): 9332934.01 Source: Natural England Reference: UK0012642 Status: Designated	A13NE (NE)	236	10	353867 238487

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office Herefordshire Council - Environmental Health Department	November 2023 September 2017	Annually Annual Rolling Update
Discharge Consents Environment Agency - Welsh Region Environment Agency - Midlands Region	August 2014 October 2023	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - Midlands Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control Herefordshire Council - Environmental Health Department	August 2014	Variable
Local Authority Pollution Prevention and Controls Herefordshire Council - Environmental Health Department	August 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements Herefordshire Council - Environmental Health Department	August 2014	Variable
Nearest Surface Water Feature Ordnance Survey	December 2023	
Pollution Incidents to Controlled Waters Environment Agency - Welsh Region	December 1998	
Prosecutions Relating to Authorised Processes Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances Environment Agency - Midlands Region Environment Agency - Head Office	June 2016 May 2023	As notified Quarterly
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	October 2023 October 2023	Quarterly Quarterly
Water Abstractions Natural Resources Wales Environment Agency - Welsh Region	June 2023 October 2023	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - Midlands Region	October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	January 2024	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2024	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	July 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	January 2024 January 2024	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	January 2023 January 2023	Quarterly Quarterly
Local Authority Landfill Coverage Herefordshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites Herefordshire Council	October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area Environment Agency Wales - South East Area	April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - Midlands Region - Upper Severn Area Environment Agency - Midlands Region - West Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Herefordshire Council - Minerals and Waste Department	April 2023	Variable
Planning Hazardous Substance Consents Herefordshire Council - Minerals and Waste Department	February 2016	Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	January 2024	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	October 2023	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	October 2023	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	October 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	November 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	December 2023	Quarterly
Points of Interest - Education and Health PointX	December 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	December 2023	Quarterly
Points of Interest - Public Infrastructure PointX	December 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	December 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

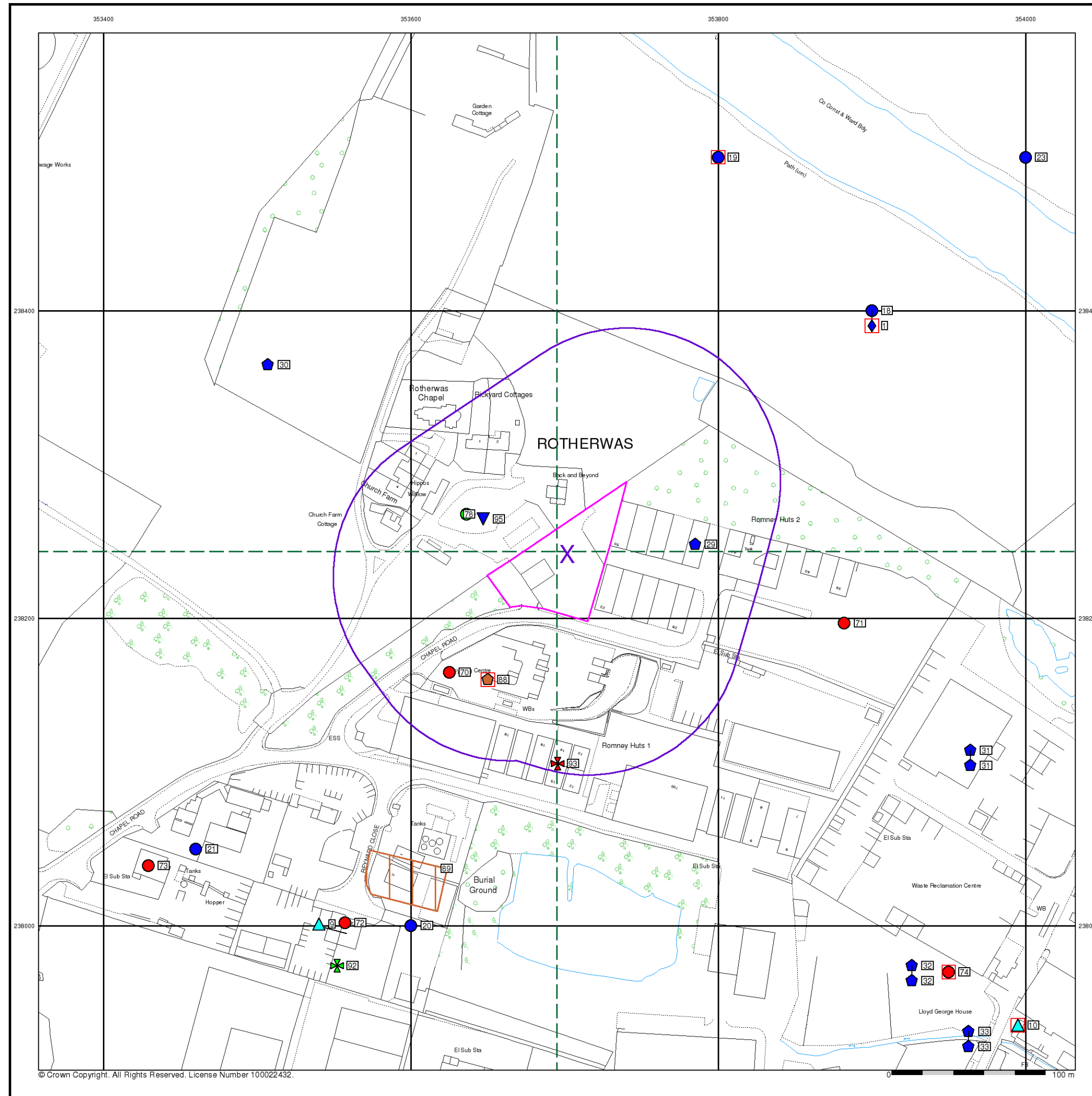
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	October 2023	Bi-Annually
Areas of Adopted Green Belt Herefordshire Council - Planning Department	August 2023	Quarterly
Areas of Unadopted Green Belt Herefordshire Council - Planning Department	August 2023	Quarterly
Areas of Outstanding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

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey 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	Herefordshire Council - Environmental Health Department Bath Street Offices, Hereford, Herefordshire, HR1 2ZF	Telephone: 01432 265533 Fax: 01432 260485 Website: www.herefordshire.gov.uk
4	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.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.gov.uk
7	Herefordshire Council Brockington, 35 Hafod Road, Hereford, Herefordshire, HR1 1SH	Telephone: 01432 260000 Website: www.herefordshire.gov.uk
8	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
9	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
10	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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



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General

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

Agency and Hydrological

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

Hazardous Substances

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

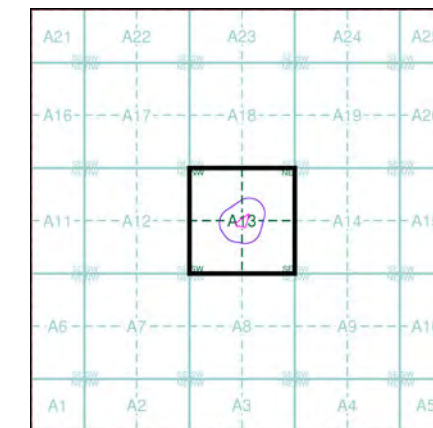
Geological

- BGS Recorded Mineral Site

Waste

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

Site Sensitivity Map - Segment A13

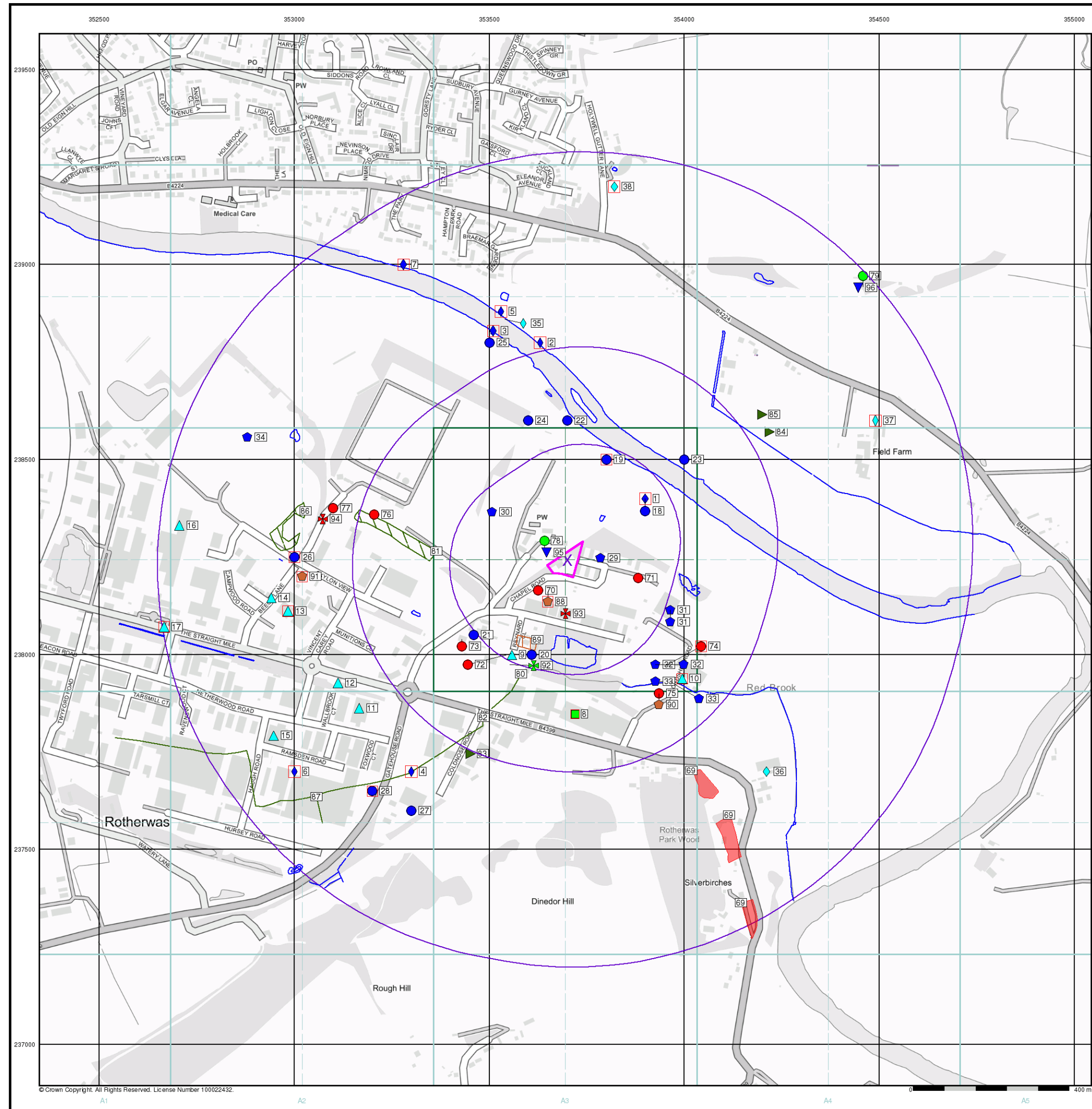


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Plot Buffer (m): 100

Site Details

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD



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- General**

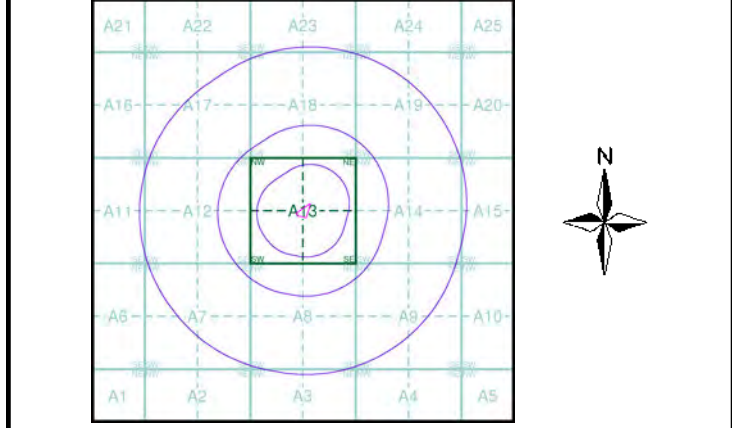
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**

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

 - COMAH Site
 - Explosive Site
 - NIHHS Site
 - Planning Hazardous Substance Consent
 - Planning Hazardous Substance Enforcement
 - BGS Recorded Mineral Site
- Waste**

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

Site Sensitivity Map - Slice A

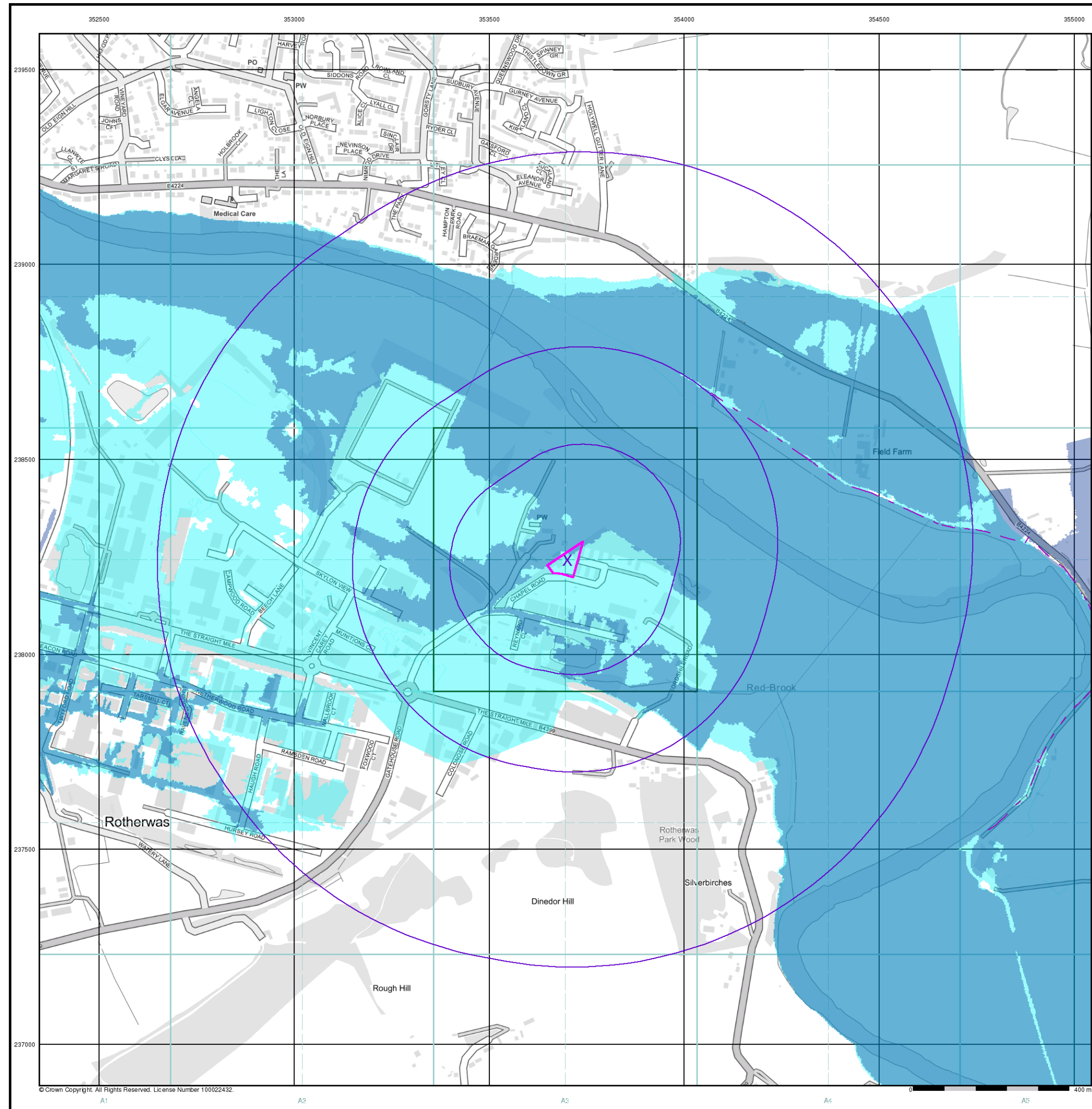


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

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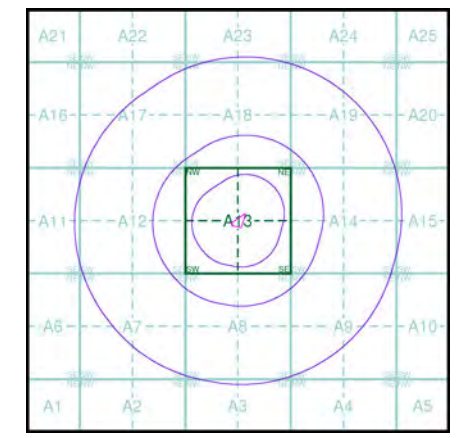
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A

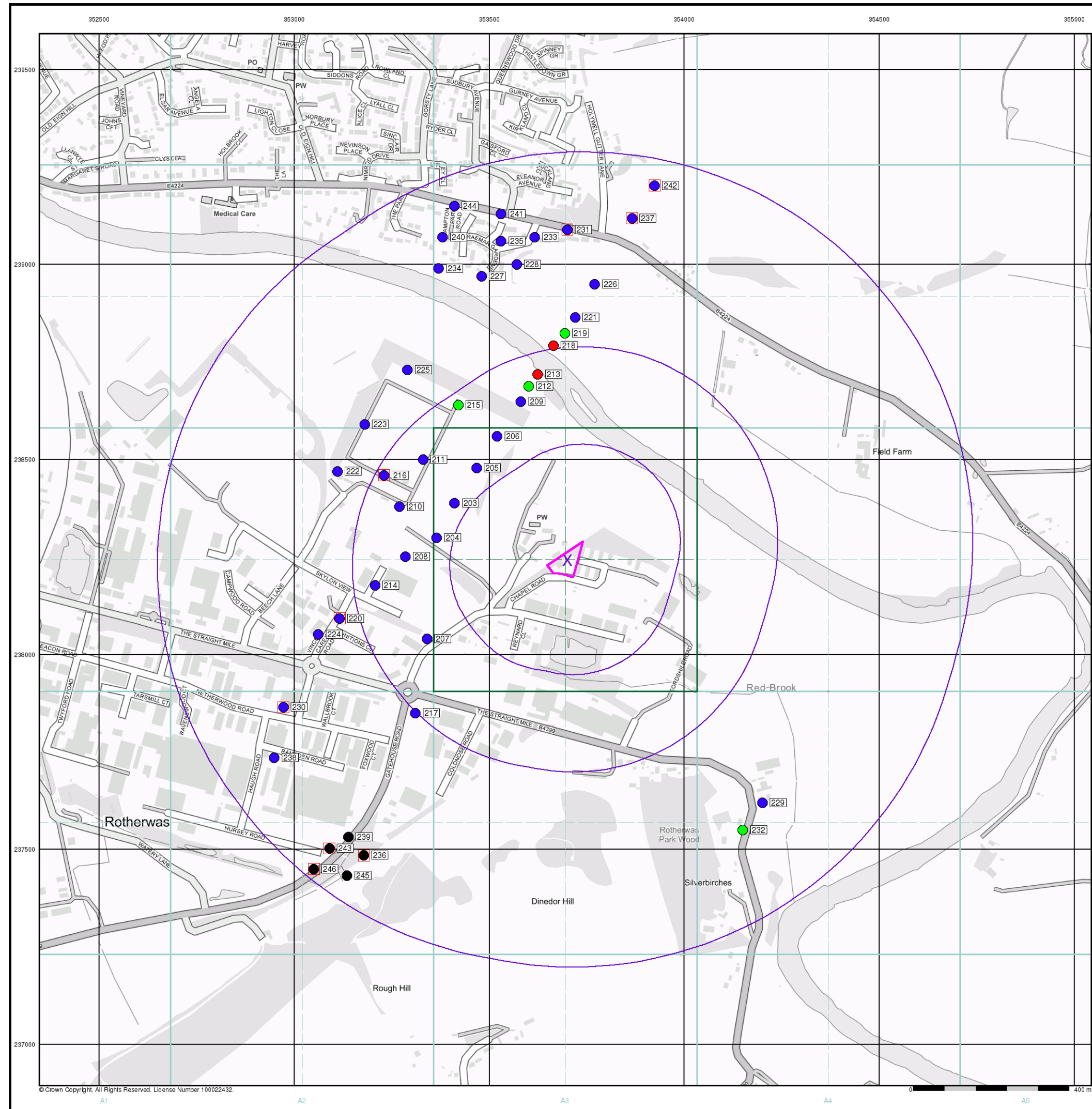


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
Search Buffer (m): 1000

Site Details

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General

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

Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A

Order Details

Order Number:	334539417_1_1
Customer Ref:	24026
National Grid Reference:	353700, 238240
Slice:	A
Site Area (Ha):	0.38
Search Buffer (m):	1000

Site Details

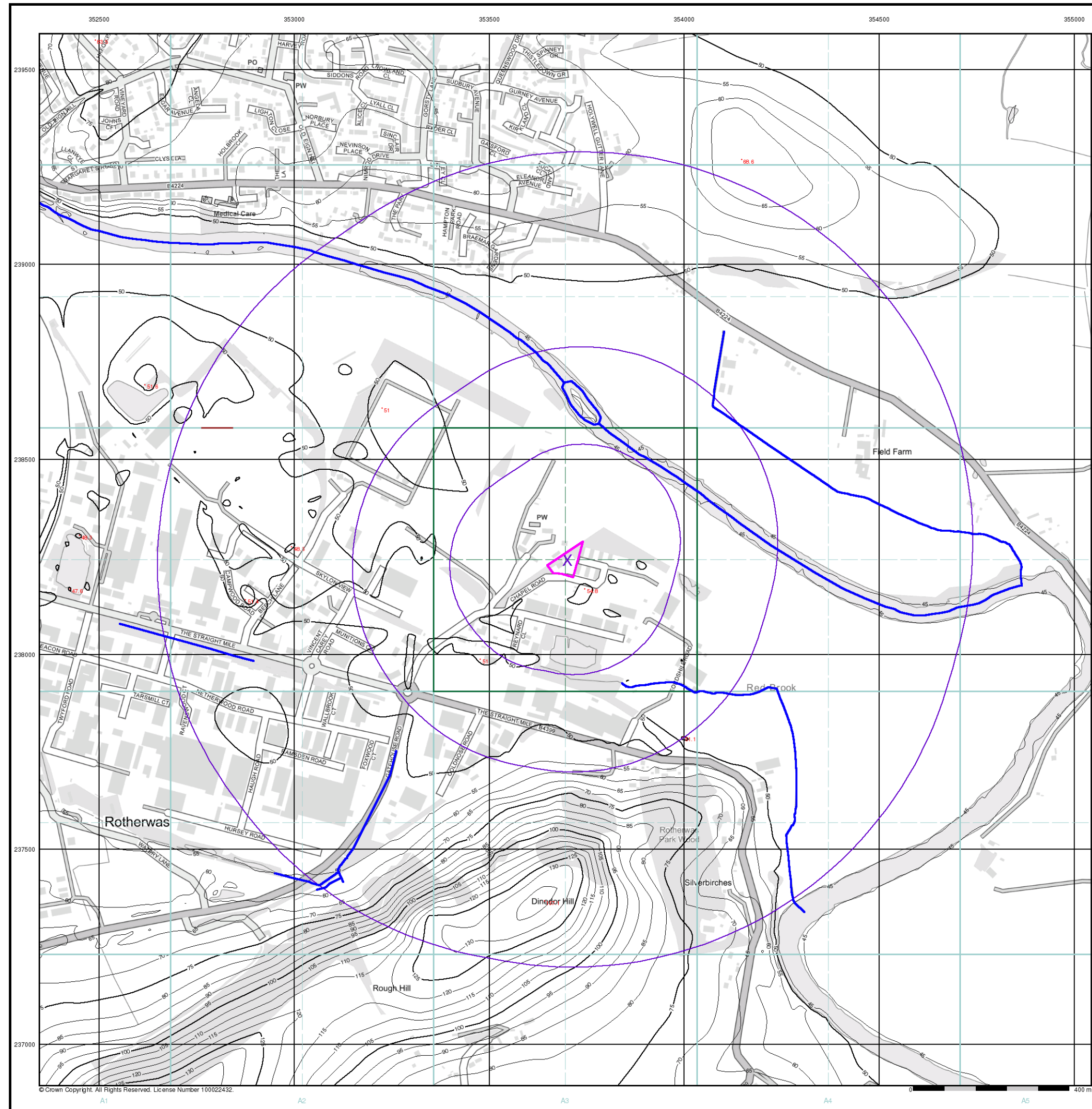
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A Landmark Information Group Service v50.0 08-Feb-2024 Page 4 of 6



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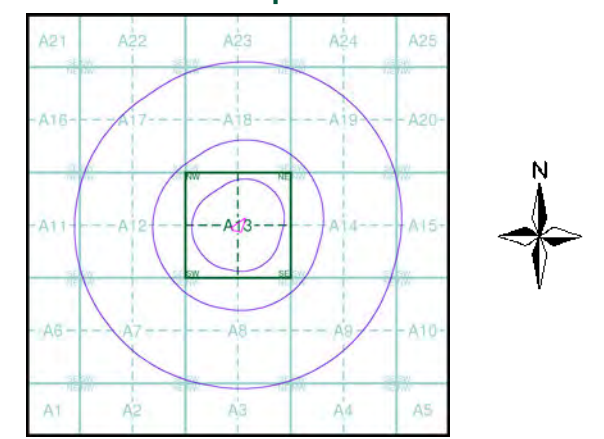
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point

- OS Water Network Data**
- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

- Contours (height in meters)**
- Standard Contour 105 100 95
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 334539417_1_1

Customer Ref: 24026

National Grid Reference: 353700, 238240

Slice: A

Site Area (Ha): 0.38

Search Buffer (m): 1000

Site Details

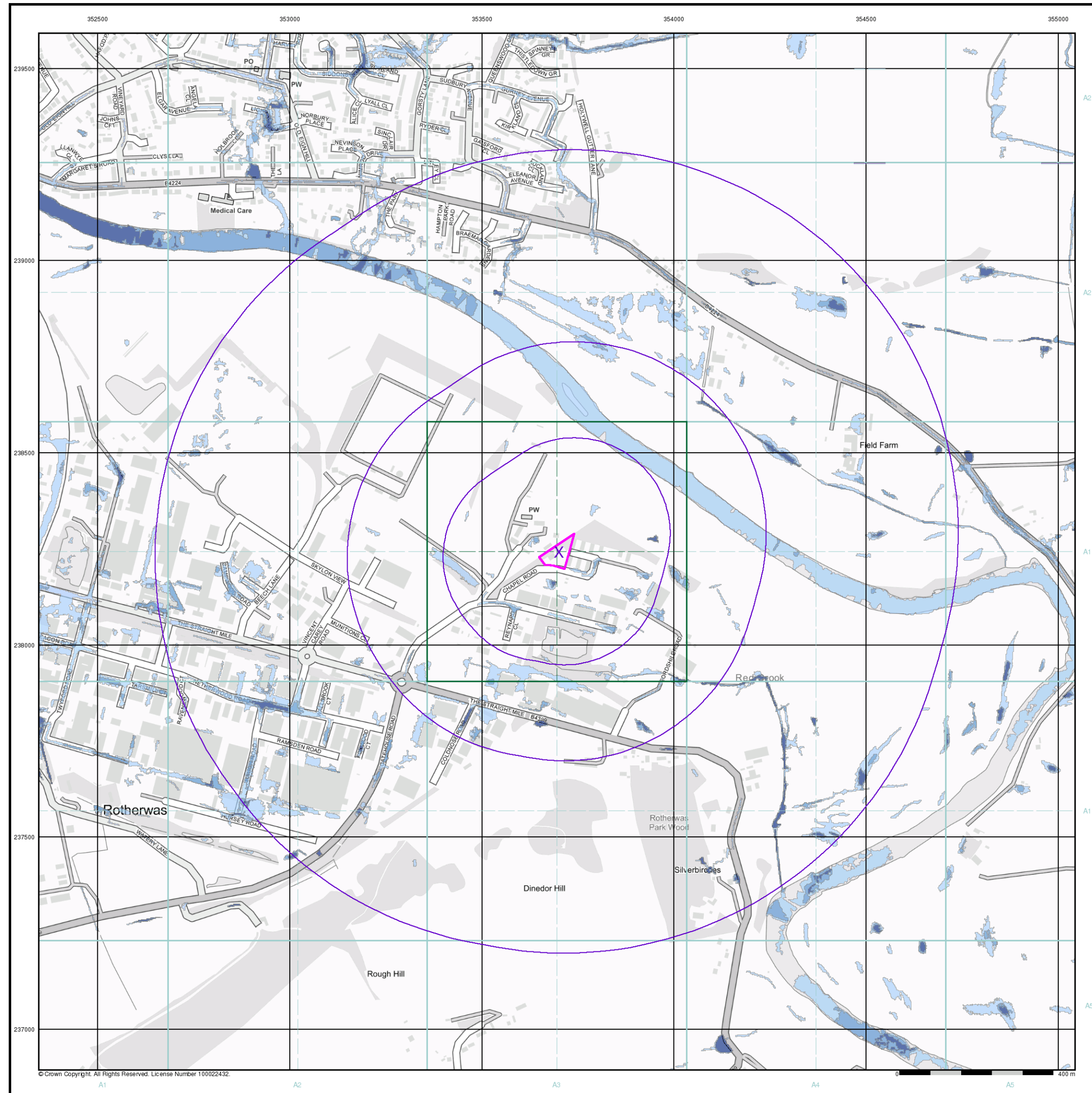
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General

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

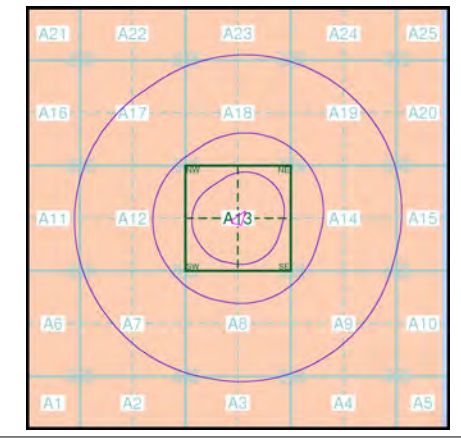
Risk of Flooding from Surface Water

- 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
 - Street to parcels of land
 - Property

EANRW Suitability Map - Slice A

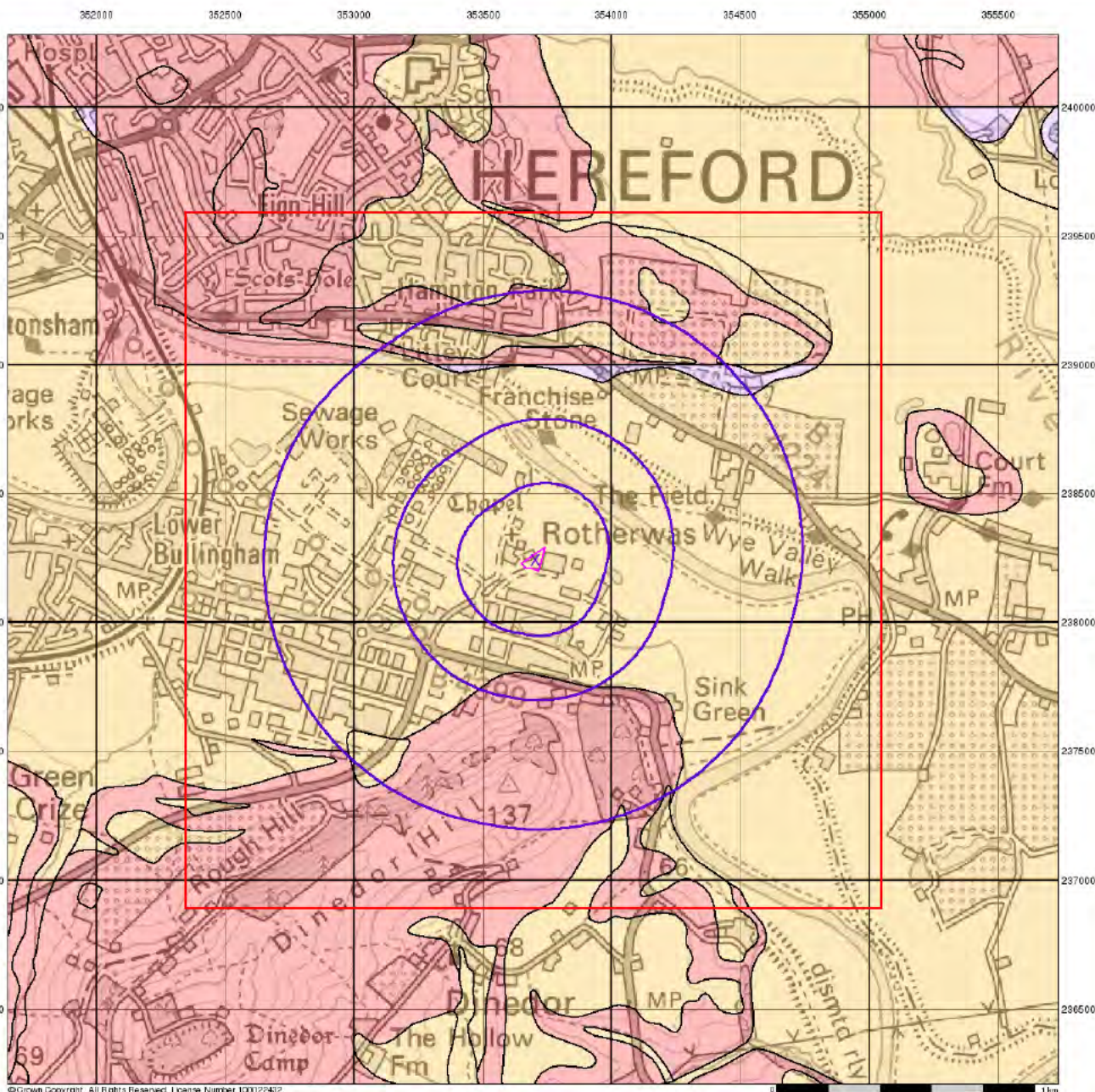


Order Details

Order Number: 334539417_1_1
Customer Ref: 24026
National Grid Reference: 353700, 238240
Slice: A
Site Area (Ha): 0.38
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

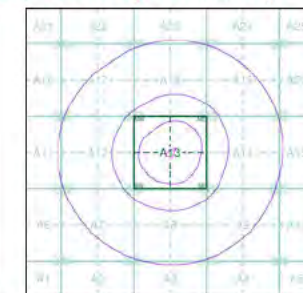
Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer
- Unproductive Aquifer
- Soluble Rock

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

Site Sensitivity Context Map - Slice A



Order Details

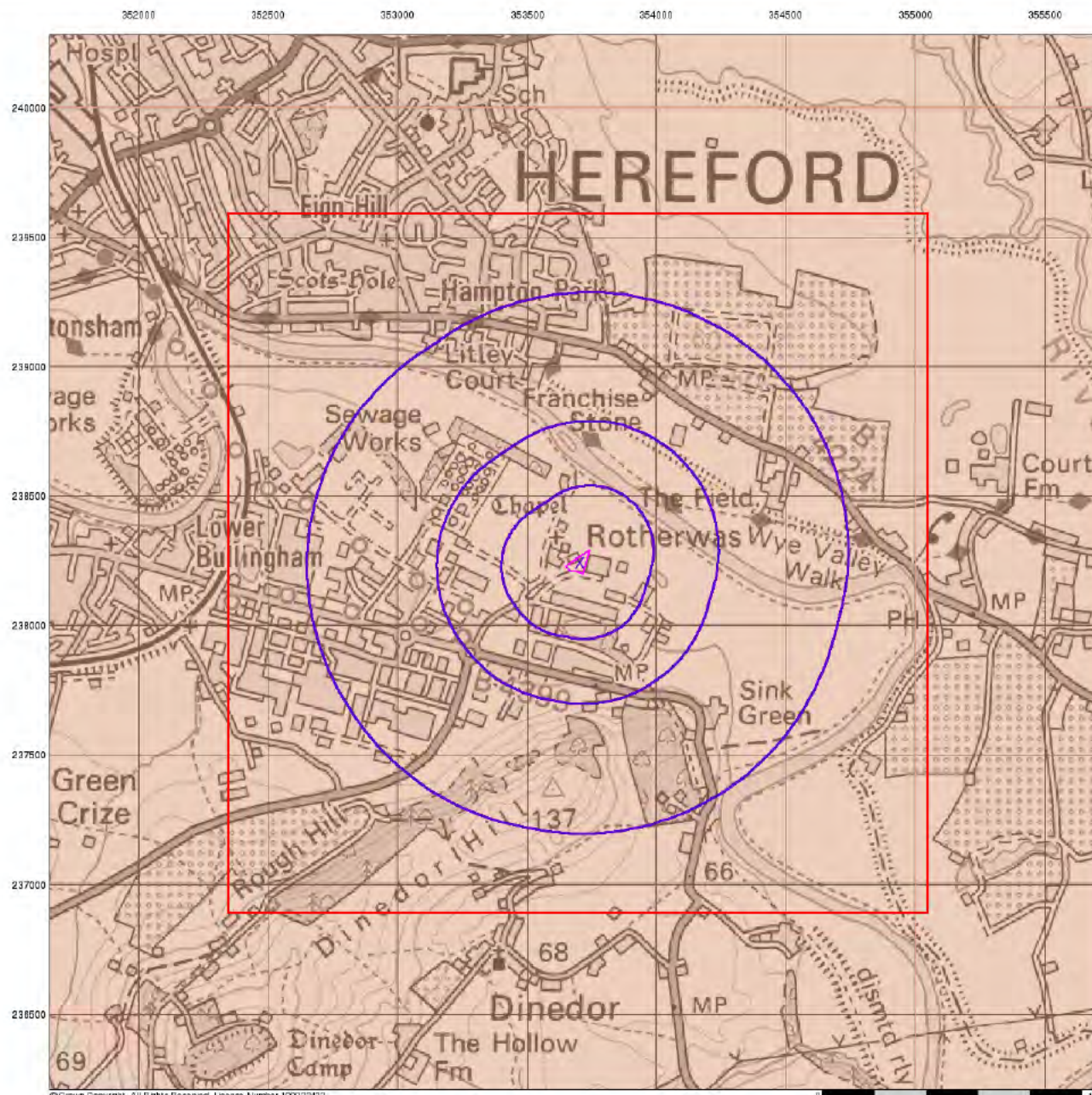
Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details

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0 1 km

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Bedrock Aquifer Designation

General

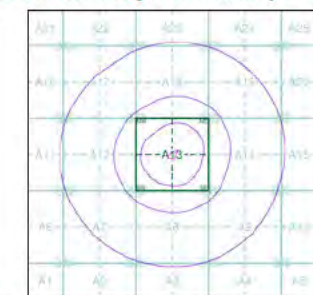
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Site
- Map ID

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

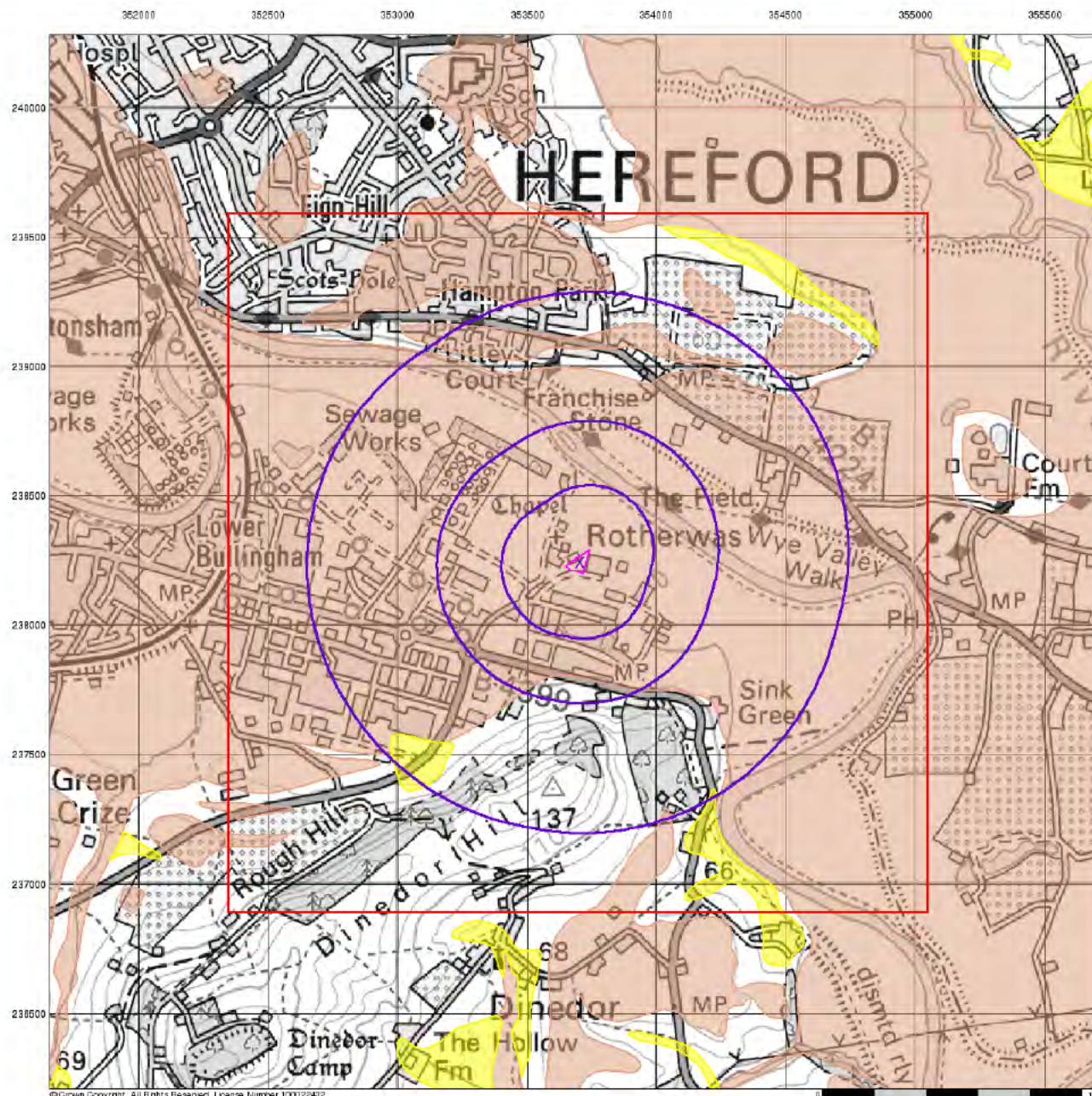
Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

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Superficial Aquifer Designation

General

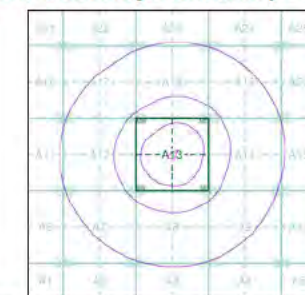
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- Map ID

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



Order Details

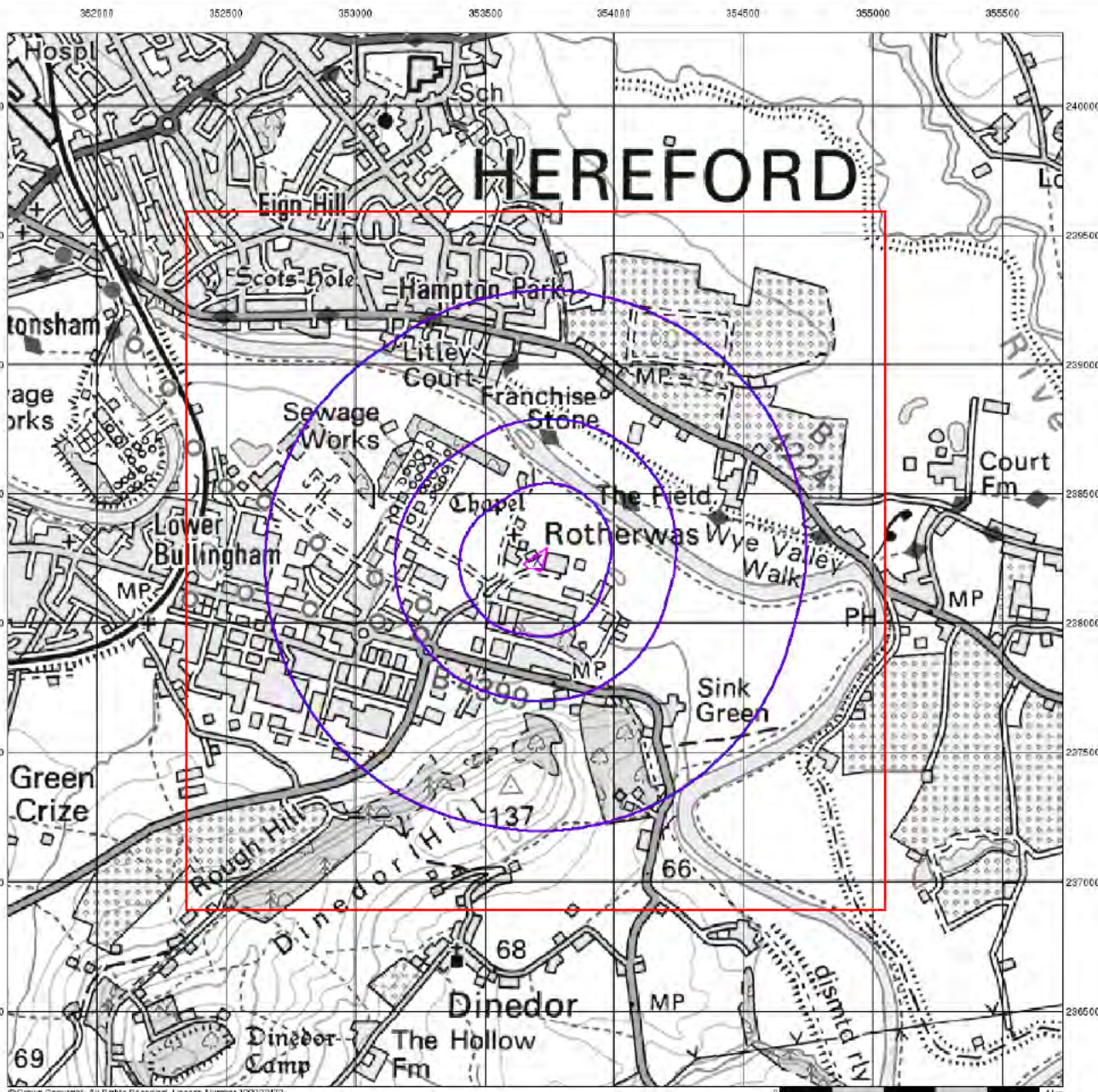
Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

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Source Protection Zones

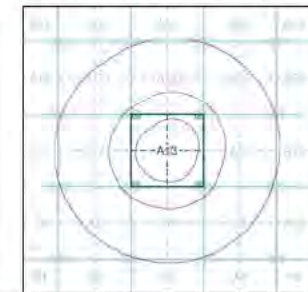
General

- 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

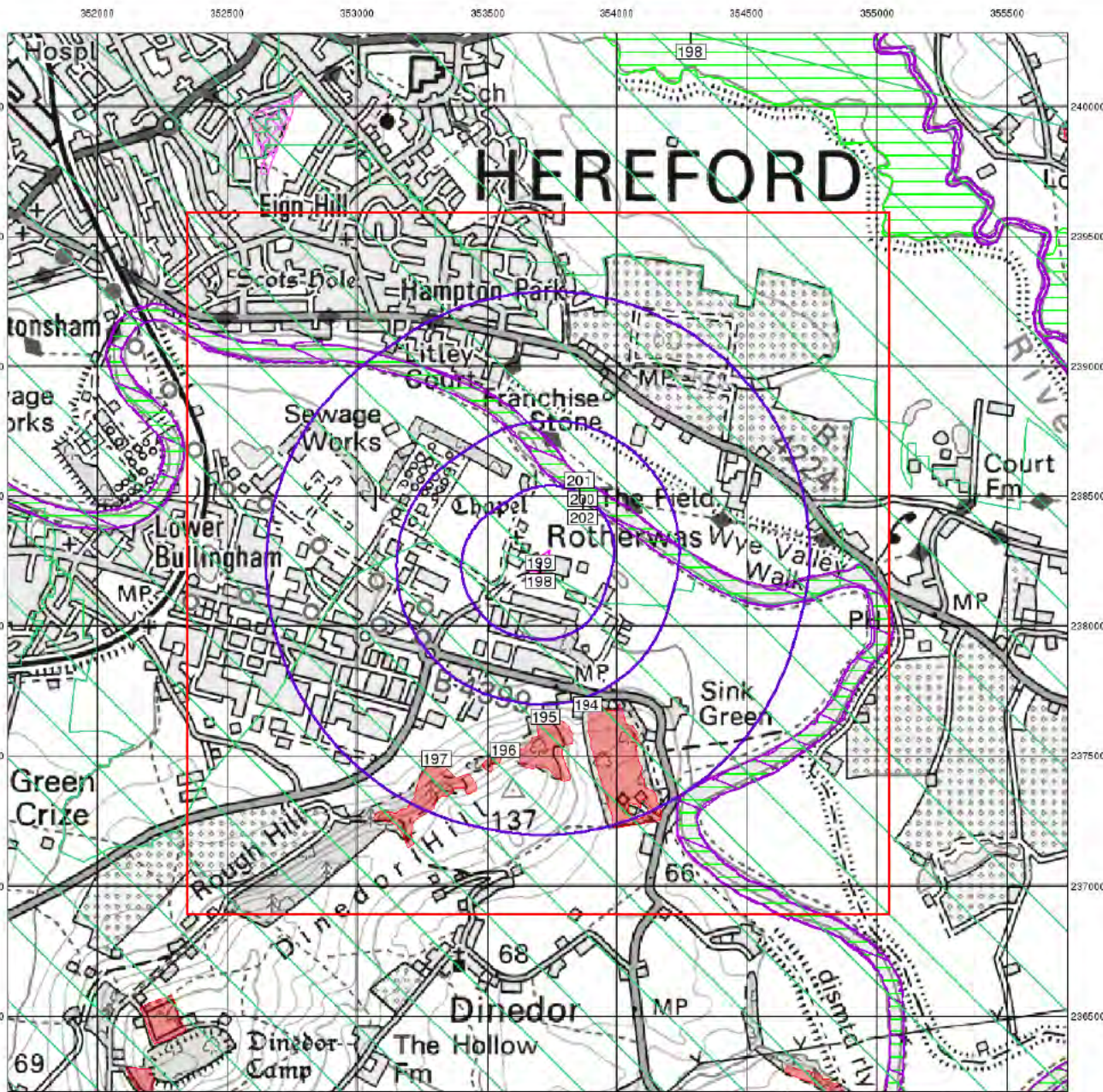
Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details

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Sensitive Land Uses

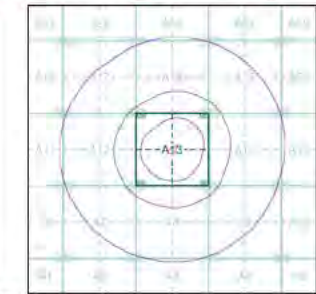
General

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

Sensitive Land Uses

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details





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BGS Flood GFS Data

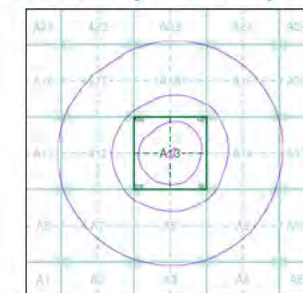
General

-  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

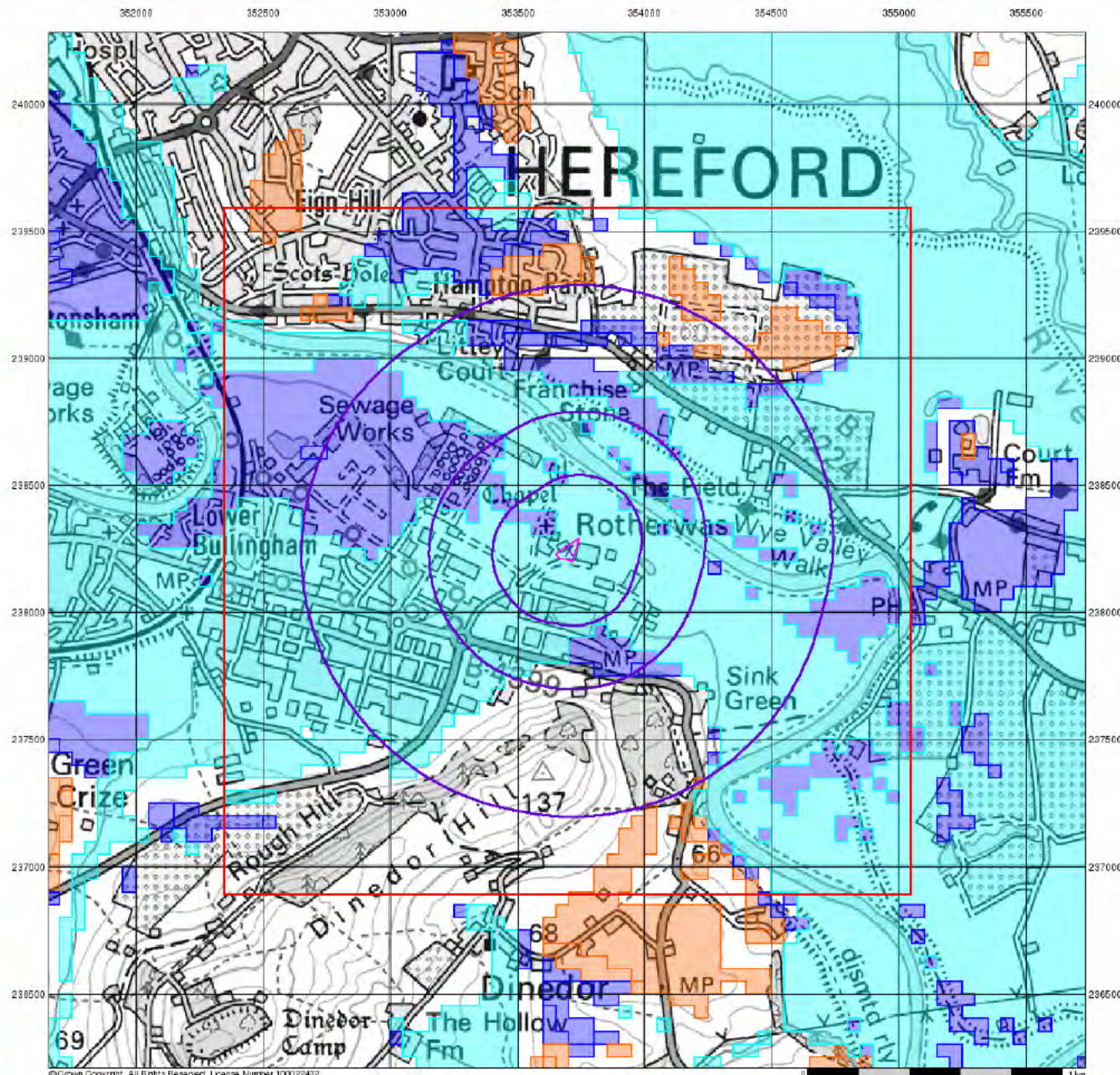


Order Details

Order Number: 334539417_1_1
 Customer Ref: 24026
 National Grid Reference: 353700, 238240
 Slice: A
 Site Area (Ha): 0.38
 Search Buffer (m): 1000

Site Details

William Powell & Sons (Builders) Ltd, Chapel Road, Rotherwas Industrial Estate, HEREFORD, HR2 6LD





APPENDIX D

EXPLORATORY HOLE DATA AND IN SITU TESTING



KEY TO EXPLORATORY HOLE LOGS

Sample Type & Symbols

D	Small disturbed sample	B	Bulk sample
G	Gas sample	W	Ground water sample
U	Undisturbed (open drive) sample	DS	Dynamic sample
C	Core run	P	Piston sample
ES	Contamination sample (soil)	EW	Contamination sample (water)
	Undisturbed sample	CS	Core sub sample
	Core sample		
*%	Total core recovery expressed as percentage of total core run		
*%	Solid core recovery expressed as percentage of total core run		
*%	Rock quality designation expressed as a percentage of total core run		

Test Type

SPT ↓	Standard Penetration Test
S	Standard Penetration Test – split spoon
C	Standard Penetration Test – solid cone
H	Hand Vane (kPa)
tv	Torvane (kPa)
PP	Pocket Penetrometer (unconfined compressive strength (kg/cm ²))
G	Headspace vapour readings, uncorrected peak values in ppm, using a PID.

Installation



Concrete



Bentonite seal



Granular response zone

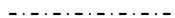


Slotted standpipe/
piezometer

Strata boundaries



Estimated boundary



Gradational boundary



Core Geotechnics Ltd
Website: www.coregeotechnics.co.uk
Offices in Ledbury & Cheltenham
email: mail@coregeotechnics.co.uk

Borehole No.
WS01
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.30			0.15			MADE GROUND: Grey sandy fine to coarse angular limestone GRAVEL	0
		ES	0.70			0.60			MADE GROUND: Reddish brown silty very sandy fine to coarse GRAVEL of mixed lithologies with occasional fragments of concrete and cast iron	
		SPT	1.00 - 1.45	S 5					MADE GROUND: Grey silty very sandy fine to coarse GRAVEL of mixed lithologies with occasional fragments of brick and ash	1
		D	1.20			1.20			Firm reddish brown slightly gravelly locally gravelly silty sandy CLAY. Grave is fine to coarse sub rounded to rounded of mixed lithologies	
		D	1.80			1.95				2
		SPT	2.00 - 2.45	S* 88		2.45			Very dense brown sandy fine to coarse sub rounded to rounded GRAVEL of mixed lithologies	
									Borehole completed at 2.45m.	
										3
										4
										5
										6
										7
										8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.00m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.


Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
27/02/24	0000	2.45	Nil				Dry



Core Geotechnics Ltd
Website: www.coregeotechnics.co.uk
Offices in Ledbury & Cheltenham
email: mail@coregeotechnics.co.uk

Borehole No.
WS01A
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
						0.40			MADE GROUND: Grey sandy coarse angular limestone GRAVEL (50mm thick) on firm reddish brown slightly gravelly silty very sandy CLAY. Gravel is fine to coarse of mixed lithologies Borehole completed at 0.40m.	0
										1
										2
										3
										4
										5
										6
										7
						{8.00}				8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-0.40m. Brimstone UXO undertook magnetometer survey during excavation. Mass concrete encountered at 0.40m, borehole moved 3m and resunk as WS01B.
CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.


Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
				27/02/24 0000	0.40	Nil	Dry



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Offices in Ledbury & Cheltenham
email: mail@coregeotechnics.co.uk

Borehole No.
WS01B
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

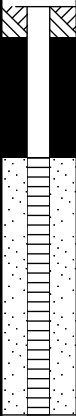
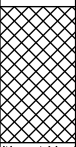
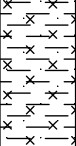

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
						0.40			MADE GROUND: Grey sandy coarse angular limestone GRAVEL (50mm thick) on firm reddish brown slightly gravelly silty very sandy CLAY. Gravel is fine to coarse of mixed lithologies Borehole completed at 0.40m.	0
										1
										2
										3
										4
										5
										6
										7
						{8.00}				8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-0.40m. Brimstone UXO undertook magnetometer survey during excavation. Mass concrete encountered at 0.40m, borehole moved 3m and resunk as WS01.
CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
				27/02/24 0000	0.40	Nil	Dry



Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.30 - 0.60						MADE GROUND: Slightly reddish brown silty clayey gravelly SAND. Gravel is fine to coarse of mixed lithologies with occasional fragments of brick	0
		D SPT	0.90 1.00 - 1.45	S 4	↓	0.90			Firm orange brown very silty sandy CLAY	1
		D	1.50		↓					
		SPT	2.00 - 2.45	S 5	↓	1.95			Loose becoming dense brown very sandy fine to coarse sub rounded to rounded GRAVEL of mixed lithologies	2
		SPT	2.80 - 2.95	S* 100	↓	2.95			2.70 very dense	
						{8.00}			Borehole completed at 2.95m.	3
										4
										5
										6
										7
										8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.70m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
INSTALLATIONS: 50mm dia standpipe installed to 2.70m. 0.00-0.20m Flush lockable cover set in concrete; 0.20-1.00m plain pipe with benonite seal; 1.00-2.70m slotted pipe set in filter gravel.
GROUNDWATER: Not encountered

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
27/02/24 0000				27/02/24 0000	2.95	Nil	Dry



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Website: www.coregeotechnics.co.uk
Offices in Ledbury & Cheltenham
email: mail@coregeotechnics.co.uk

Borehole No.
WS03
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.10 - 0.40						MADE GROUND: Grey silty very gravelly SAND. Gravel is fine to coarse of mixed lithologies with occasional fragments of ash	0
		ES	0.70			0.60				
		D	0.80 - 1.00						Stiff becoming firm brown friable slightly gravelly very silty sandy CLAY. Gravel is fine to coarse rounded of mixed lithologies	1
		SPT	1.00 - 1.45	S 6						
		D	1.30 - 1.60							
		D	1.60 - 2.00							
		SPT	2.00 - 2.45	S* 67		2.00				2
		SPT	2.50 - 2.75	S* 111		2.75			Very dense brown sandy fine to coarse sub rounded to rounded GRAVEL of mixed lithologies	
									Borehole completed at 2.75m.	3
										4
										5
										6
										7
						{8.00}				8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.50m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
				27/02/24 0000	2.75	Nil	Dry



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Borehole No.
WS04
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.10 - 0.40						MADE GROUND: Grey very sandy ash and clinker GRAVEL with occasional fragments of brick	0
		D	0.50 - 0.80			0.40			Firm brown slightly gravelly very silty sandy CLAY. Gravel is fine to coarse sub rounded to rounded of mixed lithologies	
		SPT	1.00 - 1.45	S 4						1
		D	1.50							
		SPT	2.00 - 2.45	S* 58		1.95			Very dense brown sandy fine to coarse subrounded to rounded GRAVEL of mixed lithologies	2
		SPT	2.50 - 2.75	S* 46						
						2.95			Borehole completed at 2.95m.	3
										4
										5
										6
										7
										8
						{8.00}				

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.50m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.

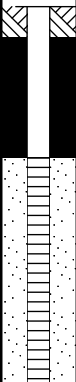
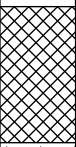
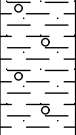

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
				27/02/24 0000	2.95	Nil	Dry



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Borehole No.
WS05
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford	Level:	mAD	Scale	1 : 50		
Client:	William Powell & Sons	Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS		

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.20 - 0.60						MADE GROUND: Grey angular limestone GRAVEL (50mm thick) on brown clayey sandy fine to coarse GRAVEL of mixed lithologies with occasional gravel and cobbles of brick and concrete	0
		SPT	1.00 - 1.45	S 8		0.90			Firm slightly orange brown slightly gravelly silty sandy CLAY. Gravel is fine to coarse sub rounded to rounded of mixed lithologies	1
		D	1.30							
		D	1.50 - 1.95						1.50 becomes gravelly	
		D	2.00 - 2.70	S 45		1.90			Very dense brown very sandy fine to coarse sub rounded to rounded GRAVEL of mixed lithologies	2
		SPT	2.00 - 2.45							
		SPT	2.50 - 2.75	S* 120		2.75				
									Borehole completed at 2.75m.	3
										4
										5
										6
										7
										8
						{8.00}				

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.50m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
INSTALLATIONS: 50mm dia standpipe installed to 2.50m. 0.00-0.20m Flush lockable cover set in concrete; 0.20-1.00m plain pipe with benonite seal; 1.00-2.50m slotted pipe set in filter gravel.
GROUNDWATER: Not encountered

Groundwater:				Hole Progress:			
Date	Strike Depth (m)	Casing Depth (m)	Depth After Observation (m)	Date	Hole Depth (m)	Casing Depth (m)	Water Depth (m)
27/02/24 0000				27/02/24 0000	2.75	Nil	Dry



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Borehole No.
WS06
Sheet 1 of 1

Project Name:	Proposed Development	Project No:	24026	Co-ords:		Hole Type	WLS
Location:	Chapel Rd, Rotherwas, Hereford			Level:	mAD	Scale	1 : 50
Client:	William Powell & Sons			Dates:	Start: 27/02/2024 End: 27/02/2024	Logged By	RS

Install- ation	Water Levels	Samples & In Situ Testing			Sample	Depth (m)	Level (mAD)	Legend	Stratum Description	
		No/Type	Depth (m)	Results						
		ES	0.10 - 0.20			0.20			MADE GROUND: Grey clayey sandy fine to coarse angular GRAVEL of mixed lithologies with occasional fragments of ash and brick	0
		B	0.50 - 1.00						Firm slightly reddish brown slightly gravelly sandy very silty CLAY. Gravel is fine to coarse sub rounded to rounded of mixed lithologies	
		SPT	1.00 - 1.45	S 14	↓					1
		D	1.30 - 2.00			1.30			Very dense brown very sandy fine to coarse sub rounded to rounded GRAVEL of mixed lithologies	
		SPT	2.00 - 2.40	S* 79	↓	2.40				2
									Borehole completed at 2.40m.	3
										4
										5
										6
										7
						{8.00}				8

REMARKS:
EQUIPMENT: Hand digging tools. Dart track mounted rig
METHOD: Hand dug inspection pit 0.00-1.00m. Continuous disturbed sampling using 66-101mm dia sample barrels. Refusal to sampling at 2.00m. Brimstone UXO undertook magnetometer survey throughout drilling operations. CASING: Not used.
GROUNDWATER: None encountered.
BACKFILL: Borehole backfilled with arisings and ground surface reinstated.

Groundwater:	Hole Progress:
Date	Date
Strike Depth (m)	Hole Depth (m)
Casing Depth (m)	Casing Depth (m)
Depth After Observation (m)	Water Depth (m)
	27/02/24 0000
	2.40
	Nil
	Dry

APPENDIX E

GEOTECHNICAL LABORATORY TESTING RESULTS



CORE GEOTECHNICS LIMITED
PO Box 1392
Cheltenham
Gloucestershire
GL50 9LX

For the attention of Richard Smy

Version No. 2
Reason for update See remarks
Page No. 1 of 8
Date of Issue 03/04/2024

TEST REPORT

PROJECT/SITE	Chapel Road, Rotherwas	Samples received	28/02/2024
GEL REPORT NUMBER	38084	Schedule received	29/02/2024
Your ref/PO:	24026	Testing commenced	12/03/2024
Test report refers to	Schedule 001	Status	Final

SUMMARY OF RESULTS ATTACHED

TEST METHOD & DESCRIPTION (S) denotes testing was subcontracted	QUANTITY	ACCREDITED TEST
BS EN ISO 17892-1: 2014:5, Water Content	6	YES
BS EN ISO 17892-12:2018, Liquid & Plastic Limits	5	YES
pH (S)	3	YES
Sulphate Content - 2:1 Water Soluble (S)	3	YES

General Remarks

This report may not be partially reproduced without written permission from this laboratory.
The results reported relate to samples received in the laboratory and the items tested.
WC & limit results for WS06 0.50m included.

Geotechnical Engineering Ltd

Centurion House
Olympus Park, Quedgeley
Gloucester GL2 4NF

www.geoeng.co.uk
geotech@geoeng.co.uk
TEL: 01452 527743

Approved Signatories:

W Jones (Laboratory Manager) J Hanson (Director)
T Best (Deputy Laboratory Manager) N Parry (Director)



LIQUID AND PLASTIC LIMITS

BS EN ISO 17892-12:2018



CLIENT CORE GEOTECHNICS

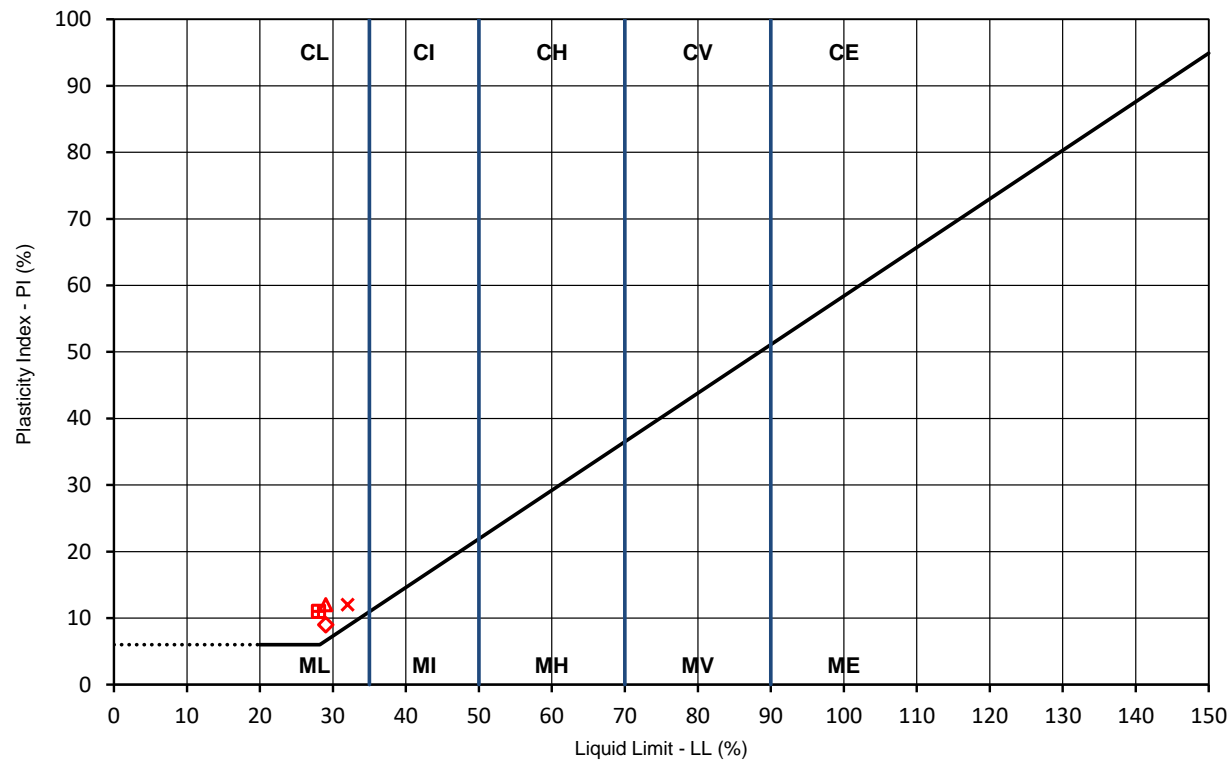
SITE CHAPEL ROAD, ROTHERWAS

borehole /trial pit no.	sample		specimen depth (m)	natural water content (%)	specimen preparation and test method	fraction >0.425 mm (%)	liquid limit (%)	plastic limit (%)	plasticity index (%)	description and remarks
	no./type	depth (m)								
WS01	D	1.20	1.20	16.8	BXE	16	28	17	11	Brown slightly sandy slightly gravelly silty CLAY
WS02	D	0.90	0.90	19.4	BXE	3	29	20	9	Brown slightly gravelly slightly sandy silty CLAY
WS03	D	1.30	1.30	16.7	BXE	9	29	17	12	Brown slightly gravelly slightly sandy CLAY
WS04	D	0.50	0.50	31.5	BXE	2	32	20	12	Brown slightly sandy silty CLAY
WS06	B	0.50	0.50	16.6	BXE	30	28	17	11	Brown slightly sandy slightly gravelly silty CLAY
WS06	D	1.30	1.30	4.4	E					Brown slightly clayey sandy GRAVEL
general remarks natural water content determined in accordance with BS EN ISO 17892 - 1 : 2014 (unless specified) NP denotes non plastic # denotes sample tested is smaller than that which is recommended in accordance with BS EN ISO 17892 or BS1377										
specimen preparation A - as received B - washed on 0.425mm sieve C - air dried D - oven dried (60°C) E - oven dried (105°C) F - not known							test method X - cone penetrometer (4 point) Y - cone penetrometer (1 point) Z - casagrande apparatus			CONTRACT 38084
										CHECKED TB



CLIENT CORE GEOTECHNICS

SITE CHAPEL ROAD, ROTHERWAS



	BH/TP No.	depth (m)	LL	PL	PI	remarks
□	WS01	1.20	28	17	11	
◇	WS02	0.90	29	20	9	
△	WS03	1.30	29	17	12	
×	WS04	0.50	32	20	12	
+	WS06	0.50	28	17	11	

CONTRACT	CHECKED
38084	TB



Amended Report

Report No.: 24-08059-2
Initial Date of Issue: 19-Mar-2024
Date of Re-Issue: 19-Mar-2024

Re-Issue Details: This report has been revised and directly supersedes 24-08059-1 in its entirety

Client Geotechnical Engineering Ltd

Client Address: Centurion House, Olympus Park
Quedgeley
Gloucester
Gloucestershire
GL2 4NF

Contact(s): GEL
Tom Best

Project 38084 CHAPEL ROAD, ROTHERWAS

Quotation No.: **Date Received:** 15-Mar-2024

Order No.: 8507 **Date Instructed:** 15-Mar-2024

No. of Samples: 3

Turnaround (Wkdays): 5 **Results Due:** 21-Mar-2024

Date Approved: 19-Mar-2024

Approved By:



Details: Stuart Henderson, Technical
Manager

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Soil

Project: 38084 CHAPEL ROAD, ROTHERWAS

Client: Geotechnical Engineering Ltd		Chemtest Job No.:				24-08059	24-08059	24-08059
Quotation No.:		Chemtest Sample ID.:				1780394	1780395	1780396
		Sample Location:				WS01	WS03	WS05
		Sample Type:				SOIL	SOIL	SOIL
		Top Depth (m):				1.80	1.30	2.00
		Bottom Depth (m):					1.60	2.70
		Date Sampled:				12-Mar-2024	12-Mar-2024	12-Mar-2024
		Time Sampled:				15:30	15:30	15:30
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Moisture		N	2030	%	0.020	10	13	4.8
Soil Colour		N	2040		N/A	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	None	Stones
Soil Texture		N	2040		N/A	Sand	Loam	Loam
pH at 20C		M	2010		4.0	8.6	8.1	9.0
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	< 0.010	< 0.010	< 0.010

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

Water Sample Category Key for Accreditation

DW - Drinking Water

GW - Ground Water

LE - Land Leachate

NA - Not Applicable

PL - Prepared Leachate

PW - Processed Water

Report Information

RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

APPENDIX F

CONTAMINATION TESTING RESULTS



Certificate of Analysis

Certificate Number 24-04416

Issued: 07-Mar-24

Client Core Geotechnics Ltd
PO Box 1392
Cheltenham
Oakfield Close
Gloucestershire
GL50 9LX

Our Reference 24-04416

Client Reference 24026

Order No (not supplied)

Contract Title CHAPEL ROAD, ROTHERWAS

Description 8 Soil samples.

Date Received 01-Mar-24

Date Started 01-Mar-24

Date Completed 07-Mar-24

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By



Kirk Bridgewood
General Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 24-04416

Client Ref 24026

Contract Title CHAPEL ROAD, ROTHERWAS

Lab No	2306703	2306704	2306705	2306706	2306707	2306708
Sample ID	WS01B	WS01B	WS02	WS03	WS03	WS04
Depth	0.30	0.70	0.30-0.60	0.10-0.40	0.70	0.10-0.40
Other ID						
Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sampling Date	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024	27/02/2024
Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s

Test	Method	LOD	Units						
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	6.9	8.9	8.3	11	11	12
Cadmium	DETSC 2301#	0.1	mg/kg	0.2	1.0	0.3	0.3	0.3	0.3
Chromium	DETSC 2301#	0.15	mg/kg	28	92	24	28	17	19
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	25	74	34	42	51	53
Lead	DETSC 2301#	0.3	mg/kg	31	59	23	47	95	85
Mercury	DETSC 2325#	0.05	mg/kg	0.05	< 0.05	< 0.05	< 0.05	0.33	0.33
Nickel	DETSC 2301#	1	mg/kg	31	45	21	26	16	19
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	0.6	< 0.5	< 0.5	< 0.5	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	33	110	36	46	26	29
Zinc	DETSC 2301#	1	mg/kg	86	140	140	100	95	89
Inorganics									
pH	DETSC 2008#		pH	7.7	9.3	10.1	8.4	7.5	7.4
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.1	0.2	0.2	0.2	0.3	0.3
Petroleum Hydrocarbons									
C5-C10 Gasoline Range Organics (GRO)	DETSC 3321*	0.1	mg/kg	< 0.1			< 0.1		
C10-C24 Diesel Range Organics (DRO)	DETSC 3311#	10	mg/kg	25			45		
C24-C40 Lube Oil Range Organics (LORO)	DETSC 3311#	10	mg/kg	20			330		
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	0.3	0.2	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	< 0.1	0.4
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	2.4	0.2	< 0.1	3.3
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.8	< 0.1	< 0.1	1.2
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	4.3	0.6	< 0.1	11
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.2	3.9	0.9	< 0.1	11
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	2.1	1.0	< 0.1	7.0
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.6	0.6	< 0.1	7.4
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.9	0.6	< 0.1	6.4
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.5	0.4	< 0.1	4.0
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.2	0.7	< 0.1	8.5
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.6	0.6	< 0.1	5.9
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.5	0.4	< 0.1	1.3
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.8	0.9	< 0.1	5.9
PAH 16 Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	20	6.9	< 1.6	73
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	0.8	0.4

Summary of Chemical Analysis

Soil Samples

Our Ref 24-04416

Client Ref 24026

Contract Title CHAPEL ROAD, ROTHERWAS

Lab No	2306709	2306710
Sample ID	WS05	WS06
Depth	0.20-0.60	0.10-0.20
Other ID		
Sample Type	SOIL	SOIL
Sampling Date	27/02/2024	27/02/2024
Sampling Time	n/s	n/s

Test	Method	LOD	Units		
Metals					
Arsenic	DETSC 2301#	0.2	mg/kg	9.7	7.8
Cadmium	DETSC 2301#	0.1	mg/kg	0.4	0.1
Chromium	DETSC 2301#	0.15	mg/kg	21	38
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	41	28
Lead	DETSC 2301#	0.3	mg/kg	68	17
Mercury	DETSC 2325#	0.05	mg/kg	0.25	< 0.05
Nickel	DETSC 2301#	1	mg/kg	18	30
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5
Vanadium	DETSC 2301#	0.8	mg/kg	26	53
Zinc	DETSC 2301#	1	mg/kg	100	80
Inorganics					
pH	DETSC 2008#		pH	8.2	8.2
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.3	< 0.1
Petroleum Hydrocarbons					
C5-C10 Gasoline Range Organics (GRO)	DETSC 3321*	0.1	mg/kg		< 0.1
C10-C24 Diesel Range Organics (DRO)	DETSC 3311#	10	mg/kg		11
C24-C40 Lube Oil Range Organics (LORO)	DETSC 3311#	10	mg/kg		57
PAHs					
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	0.2	0.2
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	0.2	0.2
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	0.5	0.4
Pyrene	DETSC 3301	0.1	mg/kg	0.7	0.4
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	0.9	0.8
Chrysene	DETSC 3301	0.1	mg/kg	0.6	0.4
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	0.5	0.2
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.3	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	0.5	0.3
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	0.3	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.3	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	0.3	< 0.1
PAH 16 Total	DETSC 3301	1.6	mg/kg	4.9	3.0
Phenols					
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	0.6	< 0.3

Summary of Asbestos Analysis Soil Samples

Our Ref 24-04416

Client Ref 24026

Contract Title CHAPEL ROAD, ROTHERWAS

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
2306703	WS01B 0.30	SOIL	NAD	none	Darryl Fletcher
2306704	WS01B 0.70	SOIL	NAD	none	Darryl Fletcher
2306705	WS02 0.30-0.60	SOIL	NAD	none	Darryl Fletcher
2306706	WS03 0.10-0.40	SOIL	NAD	none	Darryl Fletcher
2306707	WS03 0.70	SOIL	NAD	none	Darryl Fletcher
2306708	WS04 0.10-0.40	SOIL	NAD	none	Darryl Fletcher
2306709	WS05 0.20-0.60	SOIL	NAD	none	Darryl Fletcher
2306710	WS06 0.10-0.20	SOIL	NAD	none	Darryl Fletcher

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * - not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 24-04416
 Client Ref 24026
 Contract CHAPEL ROAD, ROTHERWAS

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
2306703	WS01B 0.30 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306704	WS01B 0.70 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306705	WS02 0.30-0.60 SOIL	27/02/24	GJ 250ml, PT 1L		
2306706	WS03 0.10-0.40 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306707	WS03 0.70 SOIL	27/02/24	GJ 250ml, PT 1L		
2306708	WS04 0.10-0.40 SOIL	27/02/24	GJ 250ml, PT 1L		
2306709	WS05 0.20-0.60 SOIL	27/02/24	GJ 250ml, GJ 60ml, PT 1L		
2306710	WS06 0.10-0.20 SOIL	27/02/24	GJ 250ml, PT 1L		BTEX / C5-C10

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report

APPENDIX G

PRELIMINARY UXO ASSESSMENT

STAGE 1 PRELIMINARY UXO RISK ASSESSMENT

Report Ref: PRA-24-2379 | Author: EE | Reviewer: WS



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Client: Core Geotechnics Limited
Project: Chapel Road, Rotherwas, Hereford
Date: 12/02/2024

INTRODUCTION

The Stage 1 Preliminary Risk Assessment is an initial screening assessment designed to highlight any sources of unexploded ordnance (UXO) with the potential to contaminate a given site.

The aim of the Stage 1 assessment is to identify or discount the need for further detailed research - a Stage 2 Detailed UXO Risk Assessment.

This desktop assessment has been researched and written by a dedicated Researcher / Risk Assessor and produced in accordance with the CIRIA C681 Guidelines: 'Unexploded Ordnance, a Guide for the Construction Industry' (published in 2009).

In preparation for this assessment, original wartime records, historic OS mapping and the *Brimstone UXO Sources Database* have been reviewed. The latter incorporates multiple datasets plotting the positions of a variety of domestic military sites and confirmed historic German bombing targets.

The Stage 1 Preliminary Risk Assessment considers the following:

- 1. The Proposed Works
- 2. Enemy Action During WWI and WWII
- 3. British / Allied Military Activity
- 4. Historic Site Occupancy
- 5. Risk Mitigating Factors

THE SITE

The Site (approximately centred on the National Grid Ref: SO 53702 38238) is located in Rotherwas within the county of Herefordshire, approximately 3.1km south-east of Hereford railway station.

The Site primarily comprises hardstanding with a low-rise structure located in the centre of the site. Storage containers are also located in the northern section of the Site.

It is bound to the north by open ground and further hardstanding and structures, to the east by corrugated shelter garages, to the south by Chapel Road and to the west by open undeveloped ground.



THE PROPOSED WORKS

Future SI works will comprise dynamic window samples to rockhead, and six boreholes to approximately 5m bgl. Future development works will comprise the construction of five low-rise industrial units.

ENEMY ACTION DURING WWI AND WWII

Potential Source of UXO	Significant?	Details
WWI German Bombing	✗	No air raids affected Rotherwas during WWI.
WWII German Bombing	✓	British District Bombing Density Statistics The Site is located within the WWII-era Municipal Borough of Hereford which sustained 1.0 bombs / 1,000 acres, a very low bombing density.

		<p>Evidence of Bomb Strikes / Damage</p> <p>An in-house geodata set records two incidents within Hereford, although the exact locations of these strikes are unknown.</p> <p>Evidence has been found to suggest that at least two bombing incidents occurred at ROF Rotherwas, within which the Site was located¹.</p> <p>WWII-era aerial photography from 1941 was consulted, the Site does not appear to show any visible signs of bomb damage, nor does the immediate surrounds. However, no photography for the remainder of the war was available at a preliminary stage, when the known bombing incidents at ROF Rotherwas occurred.</p> <p>A comparison of pre- and post-WWII mapping does not display any immediately obvious evidence of bomb damage on Site; however, it should be noted that due to the Site's open wartime composition, any such evidence is unlikely to have been visible within the mapping.</p>
		<p>Local Bombing Decoy Sites</p> <p>None located within a significant distance. The closest was located approximately 4.5km south-east of the Site.</p>
		<p>Local German Bombing Targets</p> <p>The site was located on the periphery of the vast ROF Rotherwas, which was targeted on at least two occasions during WWII.</p>
WWII German Cross Channel Artillery Shelling	x	n/a

BRITISH / ALLIED MILITARY ACTIVITY

Potential Source of UXO	Significant?	Details
WWII Home Guard (HG) Activity	x/✓	Soldiers of the 4 th Herefordshire (Hereford Rural) HG Battalion may have been active local during WWII. The possibility that the Site was accessed by armed HG troops on patrol cannot be discounted at this stage due to the Sites undeveloped nature.
Site Requisitioned for Wartime Military Use	x/✓	No such evidence found at this stage. The possibility that the Site was requisitioned for temporary wartime use cannot be ruled out entirely (e.g., tented military camp, LAA gun battery, searchlight battery, RAF barrage balloon site).
Existing or Historic Army or RAF Training Area / Weapons Range	x	n/a

¹ https://web.archive.org/web/20140514145857/http://htt.herefordshire.gov.uk/smrSearch/Monuments/Monument_Item.aspx?ID=22555

Existing or Historic Military Bases and Other Installations	x	n/a
Existing or Historic Munitions or Explosives Factories	✓	<p>The Site was located on the periphery of the large ROF Rotherwas. This factory was operational from the 11th November 1916 to 1967, originally being responsible for the final stage of the production of munitions: inserting explosives into shells, and fitting detonators. During WWI the average output of the factory was 70,000 shells per week, making it one of the largest munitions factories in the UK.</p> <p>Five bunded structures were located within 150m to the east and south of the Site, the closest of these was approximately 60m east. The earthworks surrounding these structures served as blast protection should any ordnance stored inside detonate. Therefore, this indicates that the Site area was utilised for the storage of explosives. In such locations, the improper disposal of unwanted / superfluous ordnance was known to occur, potentially being discarded / buried in any nearby open ground, such as the Site.</p>
Existing or Historic Military Defensive Fortifications	x/✓	Six pillboxes were located within ROF Rotherwas, the closest of these was located approximately 390m south of the Site. As a peripheral location of the factory, it is possible that additional, unrecorded defences were present in the Site area.
WWII Light and / or Heavy Anti-Aircraft (LAA and HAA) Fire	x	No permanent HAA batteries were active within range of the Site during WWII. Luftwaffe raids in the wider region were infrequent. Therefore, it is unlikely that an unexploded AA shell struck the Site.
Pipe-Mined Locations and Beach Minefields	x	n/a
UXO Finds	x	n/a

SITE HISTORY

What was the Site occupancy historically, especially during WWI and WWII?	During WWII, the Site comprised an area of undeveloped ground on the periphery of ROF Rotherwas. It was bound to the north by structures associated with Church Farm and to the east, south and west by open undeveloped ground. Industrial structures were located in the wider vicinity of the Site to the east, south-east and south.
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RISK MITIGATING FACTORS

Post-Conflict Ground Works	The Site has been fully developed; however, this development has not been significant. It has comprised the laying of hardstanding across the entirety of the Site and the construction of the low-rise structure in the centre. Likely disturbing ground at very shallow and shallow depths.
Likelihood of UXO Remaining	The risk associated with (any) very shallow (<1m bgl) buried UXO will have been largely mitigated. The risk associated with (any) shallow (1-2m bgl) buried UXO almost certainly remains unmitigated, except potentially underneath the low-rise structure in the centre of the Site. The risk associated with (any) deep (>2m bgl) buried UXO almost certainly remains unmitigated.

CONCLUSIONS

German UXO:

- The Site was located in the Municipal Borough of Hereford which sustained a very-low bombing density. However, the Site was located on the periphery of ROF Rotherwas, a large munitions factory which was targeted on at least two occasions by the Luftwaffe.
- Indeed, anecdotal evidence has been found to suggest that ROF Rotherwas was bombed on two occasions during WWII, on the 27th July 1942 and the 30th May 1944. At a preliminary stage the exact locations of these bombing incidents within the factory was not available, therefore they potentially affected the Site. Further research into written bombing records will be required to assess whether this is likely.
- WWII-era photography does not display any immediately obvious evidence of bomb related damage such as cratering on Site. However, the only photography available at the preliminary stage is from 1941. Photography from the immediate post-war period will need to be obtained in order to accurately assess the ground cover on Site and identify any potential evidence of bomb damage.
- As the Site comprised open, undeveloped land during WWII, any UXB strike could have easily occurred unobserved and remained undetected, its entry hole obscured in vegetation. Although the factory will have been frequently accessed throughout the war, as an area of insignificant open ground access to the Site itself may have been intermittent.
- Therefore, as the Site was located within ROF Rotherwas, which was targeted on multiple occasions by the Luftwaffe, alongside ground cover on Site potentially uncondusive to the detection of UXO, a UXB could feasibly have fallen on Site unnoticed, potentially remaining in situ.

British / Allied UXO:

- The Site was located on the periphery of ROF Rotherwas from 1916 to 1967. This was one of the largest munitions factories in the UK, producing around 70,000 shells a week during WWI. This factory was responsible for the final stage of the production of munitions; inserting explosives into shells, and fitting detonators. Therefore, large quantities of explosives will have been stored somewhere within the boundary of the factory.
- Further research will be required to determine exactly where these explosives were stored, however five banded structures are visible within 150m of the Site in 1941 aerial photography; the closest of these was approximately 60m east. The earthworks surrounding these structures served as blast protection should any ordnance stored inside detonate. Therefore, this indicates that the Site area was utilised for the storage of explosives. In such locations, the improper disposal of unwanted / superfluous ordnance was known to occur, potentially being discarded / buried in any nearby open ground, such as the Site.
- It is considered unlikely that an unexploded British AA shell struck the Site during WWII due to the lack of recorded emplacements in range.

RECOMMENDATIONS

SI Works	A Stage 2 Detailed Risk Assessment is recommended in order to further assess the risk to proposed works. In lieu of a Detailed UXO Assessment, Brimstone recommends on-Site support for any planned ground works.
Development Works	