ASHDOWN
SITE INVESTIGATION

PRELIMINARY GROUND CONTAMINATION RISK ASSESSMENT REPORT

WICKER & EAGLE HOUSE
HIGH STREET
WORTHING
WEST SUSSEX

PROJECT REFERENCE: P17304

REPORT REFERENCE: R16800

Report Beneficiary: Eagle and Wicker VG Limited

Document Control				
Issue No.	**Status**	**Issue Date**	**Notes**	
1	Final	22nd July 2025		
2	Final	18th August 2025	Minor update to Appendix A	
Report Section			**Prepared By**	**Approved By**
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This report is not intended to be either an ecological, archaeological or flood risk assessment. An appropriate specialist should be consulted about any concerns that may arise in this regard.

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EXECUTIVE SUMMARY

The following presents a summary of the main findings of the report. It is emphasised that no reliance should be placed on any individual point until the whole of the report has been read as other sections of the report may put into context the information contained herein.

It is proposed to convert the existing two-storey office blocks, Wicker & Eagle House, to a total of 39 no. residential units with associated car parking and limited areas of soft landscaping.

The site currently comprises two existing office buildings, formerly used by the NHS, with car parking and limited areas of soft landscaping, situated to the north-east of Worthing Town Centre.

The site has comprised a mix of residential development in the far west and commercial/industrial use in the centre and east of the site, with a Water Works and Council Depot noted on site. The Water Works was later replaced by an Electricity works off site to the east until the 1990s when the surrounding area was largely converted into residential land use. The two office blocks have been present on site since the mid-1990s.

Reference to geological datasets indicates that the site is expected to be underlain by the River Terrace Deposits overlying the Seaford Chalk Formation.

The River Terrance Deposits are classed as a Secondary B Aquifer, whilst the underlying Seaford Chalk Formation is classed as a Principal Aquifer.

The site does not lie within a SPZ.

The preliminary contamination risk assessment has identified theoretical potential pollutant linkages to be present as a result of the historical use of the site and surrounding area. However, the level of potential risk is not considered to be sufficiently high as to warrant further investigation or assessment.

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1. INTRODUCTION

It is proposed to convert the existing office buildings of Wicker House and Eagle House, High Street, Worthing, to create a total of 39 no. apartments. It is understood that the existing car park and limited decorative areas of soft landscaping will be retained. A block plan of the two buildings and a copy of the proposed ground floor layouts are presented in Appendix A.

Ashdown Site Investigation Ltd was requested to provide a preliminary contamination risk assessment for the proposed development works, to assist with the discharge of planning condition 2(A) for each planning application[1,2]. Copies of the planning conditions imposed for each plot are presented in Appendix B.

The scope of the works covered by this report, and the terms and conditions under which they were undertaken, were set out within the offer letter Q15470, dated 11th July 2025. The instruction to proceed was received from We Build Developments on behalf of the client, Eagle and Wicker VG Ltd.

The specific objectives of the works were to:

a) Establish the expected geology, hydrogeology and hydrology at the site;
b) Ascertain the development history and current site use;
c) Develop a preliminary conceptual model of the site identifying potential pollutant linkages relating to end users of the proposed development works, to controlled waters beneath and in the vicinity of the site, or to other off-site sensitive receptors, if identified.

Copies of the historical maps and geo-environmental data referred to in this report are presented within Appendix E.

[1] Wicker House, Application No. 0014/24
[2] Eagle House, Application No. 0013/24

2. SITE CONTEXT

2.1 Walkover Survey

The site is located on the south side of High Street, Worthing, West Sussex, and is centred on the approximate Ordnance Survey national grid reference 515090, 103031. A site location plan is presented as Figure 1.

The site comprises an elongate parcel of land containing two currently vacant two-storey office blocks, understood to have previously been used by the NHS. Wicker House, the larger of the two buildings, occupies the central and western extent of the site and Eagle House is situated in the far east. With the exception of small planter beds, the land between the two buildings, and to the west of Wicker House is used for car parking. The interior of the buildings was viewed during the walkover survey, and no basement structures were observed.

Site Photographs	
Western Elevation of Wicker House with car park.	Southern elevation of Wicker House, facing east.
	
Eastern elevation of Wicker House, as viewed from the first floor of Eagle House.	Western Elevation of Eagle House, facing north-east.
	

2.2 Geological Data Review

2.2.1 Expected Geology and Aquifer Designation

The stratigraphic succession that may be expected to underlie the site has been established by reference to British Geological Survey (BGS) mapping and the BGS Lexicon of Named Rock Units. The expected stratigraphy is presented in the following table.

Table 1. Expected Strata and Aquifer Designation

Type	Stratum	Aquifer Designation
Superficial	River Terrace Deposits	Secondary B Aquifer
Bedrock	Seaford Chalk Formation (White Chalk Subgroup)	Principal Aquifer

The River Terrace Deposits generally comprise well graded sandy fine to coarse gravel. Locally sand or gravel strata may predominate. Lenses of clay, silt and localised peat may be present. Gravels normally include a high proportion of subangular flint.

The River Terrace Deposits in this area were formerly denoted as the Brickearth and comprise brown sandy (fine) silt or clay largely originating from the solution weathering of the previously existing chalk. The material will have been reworked by water flow to produce some lateral variability in the grain size of the soil (sand and gravel) and can be expected to contain a variable content of flint.

The Seaford Chalk Formation forms part of the White Chalk Subgroup. The formation is of Coniacian to Santonian age (83.6 to 89.8 million years old; Late Cretaceous). The Seaford Chalk Formation comprises white chalk with conspicuous semi-continuous nodular and tabular flint seams. Hardgrounds and thin marls are known from the lowest beds. Some flint nodules are large to very large. The formation is recorded by the BGS to range in thickness up to 80m.

2.2.2 BGS Borehole

One BGS borehole record, TQ10SE203, is shown on site, with several more in the surrounding area. The borehole was associated with Worthing Water Works, which appeared to then become an Electricity Works. The geological sequencing comprised some 20 feet (~6.1m) of Drift Deposits (likely to be associated with the River Terrace Deposits) overlying Chalk deposits to a depth of some 122m below ground level. Groundwater levels appeared to be some 1.5m below ground level at the time the borehole was undertaken. A copy of the borehole log can be found in Appendix F.

2.2.3 Natural Ground Subsidence

Table 2. Natural Ground Subsidence from Groundsure Data

Section	Groundsure Comment (Hazard Rating)
Soil Volume Change Potential (Shrink-Swell)	Low
Running Sands	Low

Section	Groundsure Comment (Hazard Rating)
Compressible Deposits	Negligible
Collapsible Deposits	Low
Landslides	Very Low
Ground Dissolution of Soluble Rocks	Very Low

Further assessment of the natural ground hazards can be undertaken, if required, to provide more detailed comment specific to the site.

2.2.4 Ground Cavities and Sinkholes

Table 3. Ground Cavities and Sinkholes from Groundsure Data

Section	Groundsure Comment
Natural Cavities	No records are identified within 500m of the site.
Mining Cavities	No records are identified within 500m of the site.
Reported Recent Incidents	No records are identified within 500m of the site.
Historical Incidents	No records are identified within 500m of the site.
National Karst Database	No records are identified within 500m of the site.

2.2.5 Mining and Ground Workings

Table 4. Mining and Ground Workings from Groundsure Data

Section	Groundsure Comment
BritPits	No BritPits are identified within 500m of the site.
Surface Ground Workings	Three records for Mortuaries are identified 43m north and 132m and 148m to the north-east. An unspecified pit is shown 249m to the east.
Underground Workings	No underground workings are identified within 1km of the site.
Historical Mineral Planning Areas	No records are identified within 500m of the site.
Non-Coal Mining	The site is identified to be in an area where underground mine workings for chalk are uncommon.
JPB Mining Areas	No records are identified within 500m of the site.
The Coal Authority – Non-Coal Mining	No records are identified within 500m of the site.
Researched Mining	Two unspecified records are shown 360m to the south-west and 410m to the north-west.
Mining Record Office Plans	No records are identified within 500m of the site.
BGS Mine Plans	No records are identified within 500m of the site.
Coal Mining	No records are identified on the site.
Brine Areas	No records are identified on the site.
Gypsum Areas	No records are identified on the site.

Section	Groundsure Comment
Tin Mining	No records are identified on the site.
Clay Mining	No records are identified on the site.

Further assessment of the mining hazards can be undertaken, if required, to provide more detailed comment specific to the site.

2.2.6 Radon

Table 5. Radon

Section	Groundsure Comment
Radon Affected Areas	The site is reported to be within an area where between 1% and 3% of properties are above the action level requiring radon gas protection measures to be installed in new buildings.
Radon Protection Measures	No radon protection measures are reported by the British Geological Survey to be necessary in the construction of new dwellings or extensions.

2.2.7 Soil Chemistry

Table 6. BGS Estimated Background Soil Chemistry

Contaminant	Estimated Value (mg/kg)
Arsenic	15 - 25
Bioaccessible Arsenic	No data
Lead	100
Bioaccessible Lead	0
Cadmium	1.8
Chromium	60 – 90
Nickel	15 - 30

2.3 Hydrogeological and Hydrological Data

2.3.1 Groundwater Abstractions

The closest groundwater abstraction licence is recorded to lie 650m to the north-west of the site. The abstraction is used by Network Rail Limited for dewatering purposes.

2.3.2 Surface Water Abstractions

No surface water abstraction licences are indicated within 2km of the Site.

2.3.3 Potable Abstractions

The closest potable abstraction licence is recorded to lie 1575m to the north of the site.

2.3.4 Groundwater Vulnerability

The level of groundwater vulnerability, as reported within the Groundsure data, is Medium.

2.3.5 Groundwater Source Protection Zones (SPZ)

The Environment Agency defines SPZs as those areas where groundwater supplies are at risk from potentially polluting activities and accidental releases of pollutants. SPZs are primarily a policy tool used to control activities close to water supplies intended for human consumption.

The site does not lie within a SPZ.

2.3.6 Surface Water Features

No significant surface water features are recorded within 250m of the site.

2.3.7 Flood Risk

The table below summarises the flood risk data provided by the Groundsure report. It is noted that this does not constitute a flood risk assessment.

Table 7. Flood Risk

Section	On Site	Within 50m of the Site
Risk of Flooding from Rivers and Seas (RoFRaS)	None Identified	None Identified
Historical Flood Events	None Identified	None Identified
Flood Defences	None Identified	None Identified
Areas Benefitting from Flood Defences	None Identified	None Identified
Flood Storage Areas	None Identified	None Identified
Environment Agency Flood Zone 2	None Identified	None Identified
Environment Agency Flood Zone 3	None Identified	None Identified
Surface Water Flooding	Highest Risk: 1 in 30 year, 0.3 – 1.0m	Highest Risk: 1 in 30 year, 0.3 – 1.0m
Groundwater Flooding	Highest Risk: High	Highest Risk: High

3. GEO-ENVIRONMENTAL DATA

3.1 Historical Industrial Sites

The following table summarises past land uses of the site and the surrounding area extracted by Groundsure from historical maps.

Table 8. Historical Industrial Sites

Section	Remarks
Historical Industrial Land Uses	On site land uses include a Sanatorium (1875), Corporation Depot (1909) and unspecified commercial/industrial use (1962-69). Numerous land uses have occurred within 100m to the south/south-east of the site including unspecified commercial/industrial use, water works, unspecified works, unspecified tanks, gas works and gasometers. Other works include a steam sawmill to the east and a mortuary to the north of the site. A hospital lies just over 100m to the east of the site.
Historical Tank Database	A number of Tank related features lie between 16m and 60m to the east and north-east of the site. Numerous features assumed to be related to a gas works are shown to lie from 53m to the south of the site and include Gasholder Station(s), Gas Works and Gasometers alongside tanks.
Historical Energy Features	An electricity depot and electricity works are shown to be recorded on site from 1952 to 1976. Off site features include electricity substations 11m to the north-east and 64m to the north of the site, with numerous records for gas related works from 53m to the south of the site.
Historical Petrol Stations	No historical petrol filling stations are identified within 100m of the site.
Historical Garages	Four records are shown within 100m of the site including immediately adjacent to the east, 24m east, 53m south and 90m to the south.
Historical Military Sites	No historical military sites are identified within 100m of the site.

3.2 Landfill and Other Waste Sites

The following table summarises the location of waste sites either on the site or within the surrounding area (within 250m of the site).

Table 9. Landfill and Other Waste Sites

Section	Groundsure Comments
Active or Recent Landfills	No active or recent landfills are identified within 250m of the site.
Historical Landfill (BGS Records/LA/Mapping Records EA Records)	No historical landfills are identified within 250m of the site.
Historical Waste Sites	No historical waste sites are identified within 250m of the site.
Licensed Waste Sites	No licensed waste sites are identified within 250m of the site.

Section	Groundsure Comments
Waste Exemptions	One waste exemption for sorting and de-naturing of controlled drugs for disposal is shown 220m to the north-east of the site.

3.3 Current Industrial Land Use

The relevant current industrial land uses are discussed in the table below.

Table 10. Current Industrial Land Uses

Section	Groundsure Comments
Recent Industrial Land Use	Four current land uses, which include two electricity substations, are identified within 100m of the site.
Current or Recent Petrol stations	No current or recent petrol stations are identified within 100m of the site.
Electricity Cables / Gas Pipelines	No underground high voltage cables or high-pressure pipes are identified within 100m of the site.
Sites determined as Contaminated Land	No sites determined as contaminated land are identified within 100m of the site.
Control of Major Accident Hazards (COMAH) Sites	One record is identified 67m to the south-east of the site.
Regulated Explosive Sites	No regulated explosive sites are identified within 100m of the site.
Hazardous Substance Storage/Usage	No consents have been granted for hazardous substance storage/usage within 100m of the site.
Historical Licensed Industrial Activities (IPC)	No records are identified within 100m of the site.
Licensed Industrial Activities (Part A(1))	No records are identified within 100m of the site.
Licensed Pollutant Release (Part A(2)/B)	No records are identified within 100m of the site.
Radioactive Substance Authorisations	No records are identified within 100m of the site.
Licensed Discharges to Controlled Waters	No records are identified within 100m of the site.
Pollutant Release to Surface Water / Public Sewer	No records are identified within 100m of the site.
List 1 / List 2 Dangerous Substances	No records are identified within 100m of the site.
Pollution Incidents (EA/NRW)	One record is identified 77m to the north-west of the site. Whilst the pollutant is unspecified, no impacts were recorded to water, land and air.
Pollution Inventory Substances / Waste Transfers / Radioactive Waste	No records are identified within 100m of the site.

3.4 Sensitive Land Use

No sensitive land uses at risk from contamination are identified within 1km of the site.

3.5 Railway Infrastructure and Projects

No current railway or associated features are identified within 250m of the site.

4. HISTORICAL MAP AND IMAGERY REVIEW

Historical Ordnance Survey maps and imagery covering the area of the site have been reviewed and are summarised in the following table.

It is noted that maps and images present information applicable at the time of production of the maps or image captures, that maps are subject to surveying and cartographic errors and images to atmospheric conditions at the time of their capture. It is possible that significant developments may have taken place on or within the vicinity of the site that are not shown on the inspected maps and images.

'In the Vicinity of the Site' generally refers to features of relevance within approximately 250m of the site boundary but may also include more distant features if considered to be pertinent to the assessment of the development history.

Table 11. Summary of Significant Features Identified on Historical Maps and Images

Map/Image Details	On-Site	In the Vicinity of the Site
1875 1:500	A large number of buildings, which would appear to be residential, are present in the west and north-west of the site. Several larger buildings, potentially commercial, are shown in the centre and east of the site. A *Well House* associated with a *Water Works* which extends off site to the east, is present in the east of the site. A *Tower* also associated with the water works encroaches onto the eastern boundary.	An *Engine House* and *Coal* Shed, part of the water works, are located immediately to the east of the site. To the north of the water works, a *Sewage Filter* and *Sewage Wells* are present. A *Tank and Nursery* are shown off to the east and north-east of the works, respectively. A building labelled *Steam Saw Mills* is located ~20m to the south-east, however, this feature may be present on site. A Gas Works and two *Gasometers* are shown approximately 80m to 120m to the south/south-east.
1898 1:2,500	The *Water Works* is no longer labelled. The well house and a number of the large buildings have been removed and a new building is now present in the east of the site.	A Mortuary (labelled *Corporation Yard Mortuary) is shown some 30m to the north of the site.* Terraced housing is now present to the immediate south of the site. A third Gasometer is shown to the south-east of the site associated with the previously identified Gas Works.
1912 1:2,500		The former water works building has been extended to the north and is now labelled as an *Electricity Works.* The area to the north-east is now labelled as a *Corporation Depot.*
1932 1:2,500	Several additional buildings are shown in the west of the site and the building in the east has been removed and replaced with another structure.	The *Electricity Works* is no longer labelled, but the building has been extended to the north and forms part of the Corporation Depot. Tanks and Chimney features are present on the north-eastern side of the building ~50m from the site.

Map/Image Details	On-Site	In the Vicinity of the Site
1943 1:2,500	Further structures have been constructed along the southern boundary of the site.	A collection of buildings and a yard immediately to the north is now labelled as a *Corporation Depot*.
1952-53 1:1,250	A *Ruin* is shown in the west of the site.	The buildings immediately to the south-east are labelled as an *Engineering Works*. The building to the east is again labelled as an Electricity Works.
1969-73 1:1,250	All buildings in the west of the site have been demolished; this area is now shown as a *Car Park*. One of the buildings in the east is now labelled as *Corporation House*.	
1973-76 1:1,250	More buildings in the west of the site have been removed and the whole site is now labelled as a *Council Depot*.	The *Engineering Works* to the immediate south-east is now labelled as a *Garage*.
1988-92 1:1,250	The site is now clear apart from a building on the eastern boundary.	The area of the *Electricity Works* to the east has been redeveloped for housing.
1994 1:1,250	*Wicker House* is shown within the centre of the site. The building on the eastern boundary appears to have been removed and replaced with a new building on the footprint of Eagle House.	The area of the *Council Depot* to the north of the site has been redeveloped for housing. Only one *Gasholder* remains to the south-east of the site.
1999 Aerial Photograph	The aerial photo confirms the presence of a building on the east of the site.	
2003 1:1,250	The building in the far east is named as *Wicker Studios*.	
2018 Aerial Photograph		The garage to the south east has been developed for housing.
2021 Aerial Photograph		The last *Gasholder* has been demolished.

5. PRELIMINARY CONTAMINATION RISK ASSESSMENT

5.1 Introduction

The risk assessment considers the potential sources of contamination identified, the receptors that may be present in view of the development proposals and the contaminant pathways by which these may be linked. A complete pollutant linkage is only deemed to exist where all three are present and a site is considered suitable for use where no complete pollutant linkages are identified.

Where a complete pollutant linkage is deemed to be present, an assessment of the level of risk associated with the pollutant linkage has been carried out in line with current guidance[3].

The level of risk is determined using the risk matrix presented in the following table. Classifications of probability, consequence and risk are presented in Appendix C.

Table 12. Risk Assessment Matrix

		Probability			
		Very Low	**Low**	**Moderate**	**High**
Consequence	**Very Minor**	Negligible	Very Low	Low	Low/Moderate
	Minor	Very Low	Low	Low/Moderate	Moderate
	Moderate	Low	Low/Moderate	Moderate	High
	Severe	Low/Moderate	Moderate	High	Very High

5.2 Contaminant Pathways Identified

The development is to comprise the conversion of two former office buildings to provide apartments. There are some very limited areas of communal soft landscaping around the car parks and buildings, which are expected to be retained.

Pathways associated with gas and vapour intrusion into the existing building are considered to be viable. However, given the very limited amount, and the nature, of the soft landscaping present those pathways associated with direct contact, dust generation and especially the consumption of site grown produce are not considered to be viable.

The site is expected to be underlain by some 5-6m of River Terrace Deposits which is classed as a Secondary B Aquifer, and is likely to yield a very low to negligible infiltration with any leachable contaminants unlikely to come into contact with sensitive groundwater receptors within the underlying chalk deposits. It is also noted that the site is not located within a SPZ. As such, there are not considered to be viable pathways linking any potential contamination on the site with sensitive groundwater.

Should the proposed development plans be altered, a revised risk assessment may be required.

[3] Contaminated Land Risk Assessment: A guide to good practice, CIRIA C552, 2001.

5.3 Potential Contamination Sources Identified

The following potential sources of contamination have been identified by the preliminary contamination risk assessment:

- Historical use of the site as part of a council depot.
- Historical demolition and redevelopment works across the site.
- Historical off-site Electricity Works and Engineering Works/Garage.

The potential contaminants associated with these sources are set out in the conceptual model.

The former gasworks and gas holders located to the south-east of the site are considered to be too far away as to represent a potential source of contamination.

It is noted that an asbestos survey of existing structures and infrastructure[4] was beyond the brief of this report. The risk assessment assumes that, should asbestos be identified within buildings or infrastructure, any such materials will be managed in accordance with current legislation and guidance, to ensure this does not represent an ongoing risk to end users.

5.4 Preliminary Conceptual Model

The preliminary conceptual model for the proposed development is presented in Appendix D.

5.5 Conclusions

Although theoretical pollutant linkages have been identified, these are limited to the ingress of soil vapours from contamination that may have been caused on-site by the historical use of the site as a depot, or from the migration of contamination that may have been caused to the land to the east and south-east.

The site was developed to its current layout around thirty years ago, with the adjacent electricity works having been redeveloped some 5-10 years earlier. The garage to the south-east was redeveloped in around 2016, and reports of ground investigation works available from the planning portal indicate that no significant petroleum hydrocarbon contamination was found in this area.

Given the significant length of time since further contamination could have been caused to the site, and given that the buildings on the site have been in use since that time, with no records of potential pollution concerns from soil vapours, the likelihood of the potential identified contamination posing an unacceptable risk to residents living with the building is considered to be so low that further investigation works in this regard are not considered to be warranted.

5.6 Discovery Strategy

If, during the course of the conversion works any evidence of suspected contamination is identified within the underlying soils, then the following procedure should apply:

- All works in that area should cease and the site manager should be informed.

[4] As defined under Section 5(a) of the Control of Asbestos Regulations, 2012.

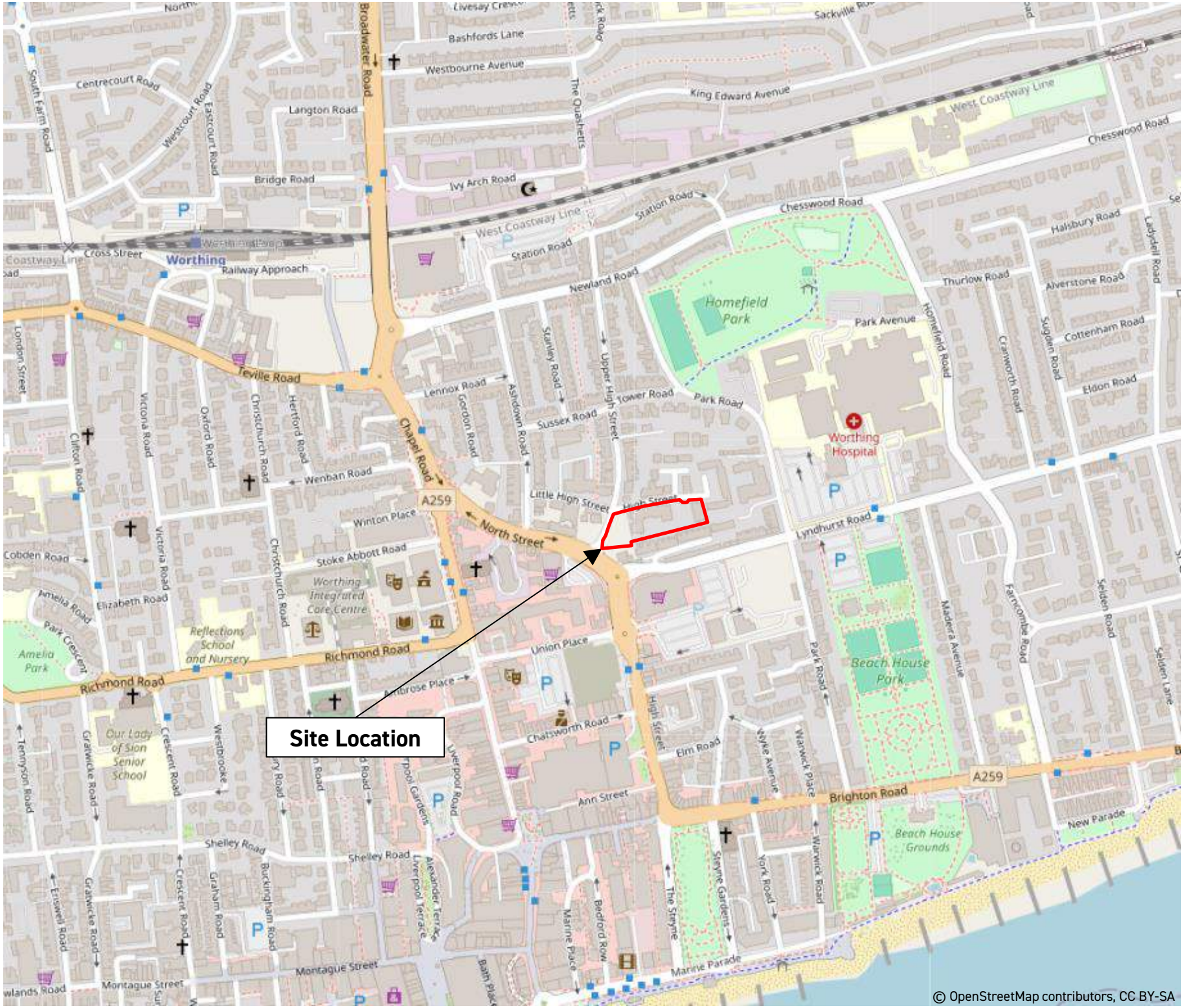
- Advice should be sought from suitably qualified and experienced personnel as to whether any further site inspection, sampling, testing and/or assessment is deemed necessary.
- If required, the conclusions of any assessment and any proposed remedial works (if required) should be agreed by the local authority.
- If necessary, full details of any remedial works should be included in a verification report for the site.

Suspected 'contamination' may take the following form, though it is noted that this list is not exhaustive and site operatives should ask if they are at all unsure of any findings:

- Soil or water looks oily and/or has an oily odour
- Soil or water has a solvent type of odour
- Significant quantities of man-made materials within fill such as paint cans, car parts, glass fragments
- Suspected asbestos containing materials (insulating boards, cement, loose fibres etc.)
- Significant volumes of clinker like or ashy material
- Sand bags, and or/subsurface concrete structures
- Animal carcasses or evidence of animal burial pits

FIGURES

Figure 1 Site Location Plan



N

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SITE INVESTIGATION

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Site

Wicker & Eagle House
High Street
Worthing
West Sussex

Project Ref

P17304

Figure No

1

Drawing Title

Site Location Plan

Scale

Not To Scale

APPENDIX A

Proposed Development Plans

Please note: These are planning drawings not construction drawings and should be treated as such.

N



OS MAP - SCALE 1:500

Scale in Metres

5 10 15 20 25

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J O B Wicker House High Street Worthing	CHECKED PT
	DRAWN ES
CLIENT Villlage Green UK Ltd	DATE 25.08.12
	SCALE 1:500 @ A3
DRAWING Site / Block Plan	REVISION .
	NUMBER 7378/001

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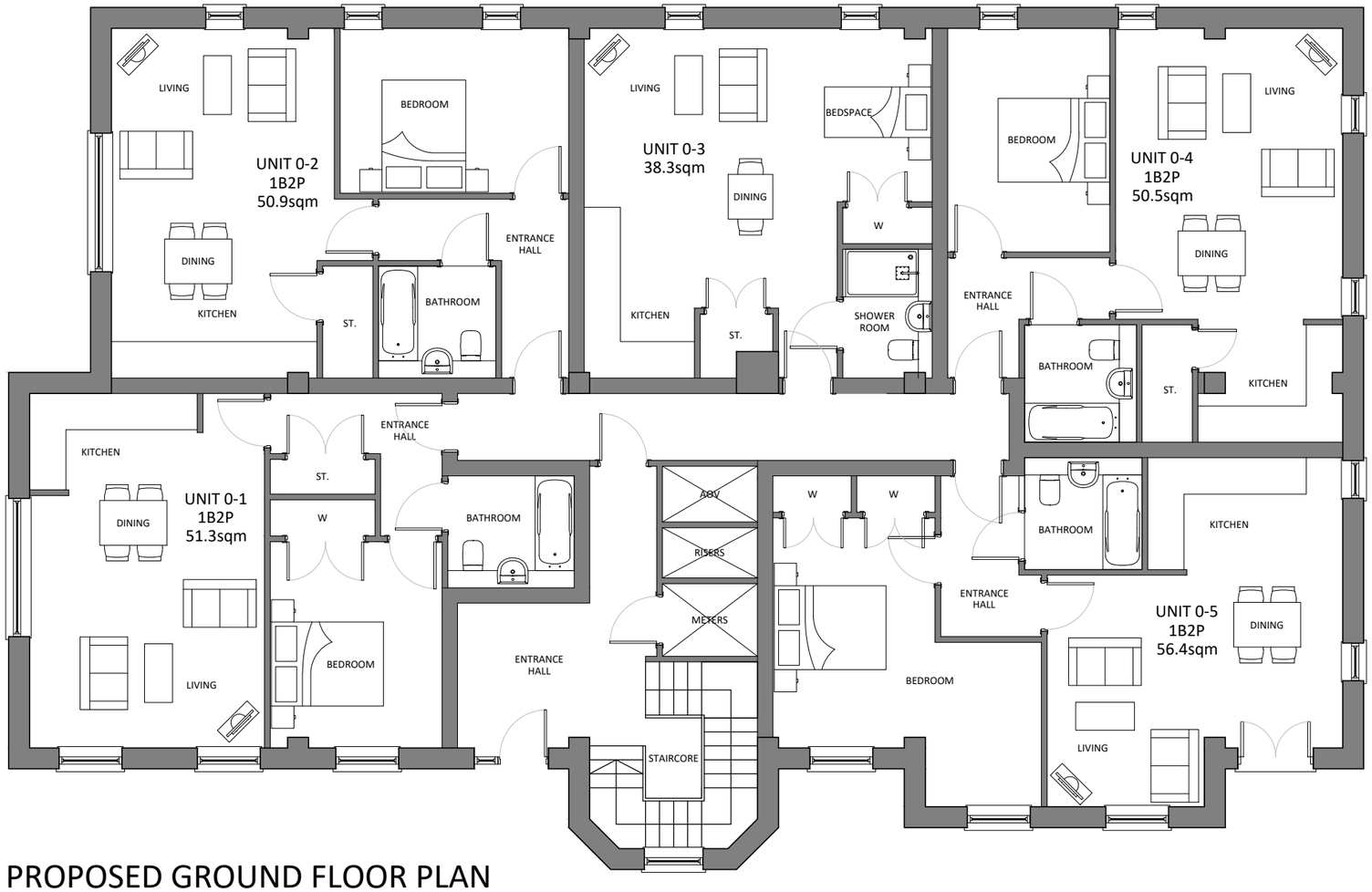
Rev	Date	Amendment	Initial
A	13/08/24	North arrow added.	GS



PROPOSED GROUND FLOOR PLAN

Project:

Eagle House
High Street
Worthing

Drawing:

PROPOSED FLOOR PLANS
GROUND FLOOR

Drawing No - Revision:
2410-E-200-A-A

Drawn By: GS
Checked By: GS
First Issue: AUGUST 2024

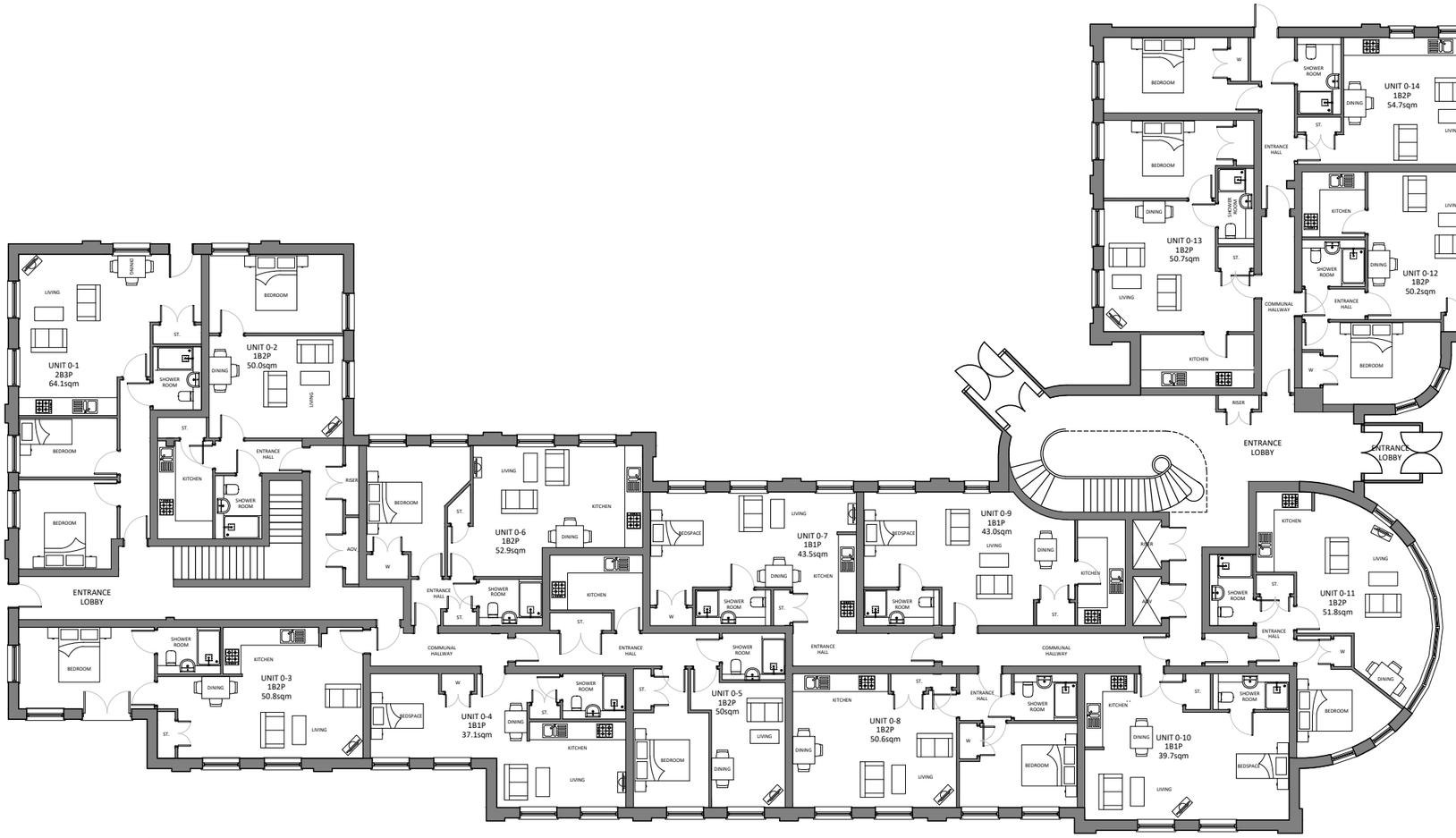
Scale:

1:100@A3

0 1 2 2 4
metres

Cad Ref:
C:\Users\Gs\AppData\Local\Temp\

Rev	Date	Amendment	Initial
A	13/08/24	North arrow added. Internal doors added. Missing external opening added.	GS



PROPOSED GROUND FLOOR PLAN

Project:

Wicker House
High Street
Worthing

Drawing:

PROPOSED FLOOR PLANS
GROUND FLOOR

Drawing No - Revision:
2410-W-200-A

Drawn By: GS

Checked By: GS

First Issue: AUGUST 2024

Scale:

1:200@A3

0 2 4 6 8
metres

Cad Ref:
C:\Users\Gs\AppData\Local\Temp\

APPENDIX B

Decision Notices

WORTHING BOROUGH COUNCIL

Mr Dean Jordan
DARA
21 Egerton Gardens
London
SW3 2DF
United Kingdom

PLANNING PERMISSION

TOWN AND COUNTRY PLANNING ACT 1990
TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2015
Schedule 2, Part 3 Class MA

APPLICATION NUMBER: NOTICE/0013/24

Details of Development
APPLICATION FOR PERMITTED DEVELOPMENT FOR PRIOR APPROVAL FOR CHANGE OF USE FROM OFFICES (CLASS E) TO 10 RESIDENTIAL DWELLINGS (CLASS C3).

Location of Development
EAGLE HOUSE HIGH STREET WORTHING WEST SUSSEX BN11 1DJ

In pursuance of their powers under the above-mentioned Act and Order the Council hereby notify that PRIOR APPROVAL IS REQUIRED for the above development from the Local Planning Authority and hereby GRANTED, in accordance with the application and information registered on 14th August 2024.

This is subject to compliance with the conditions specified overleaf.

GPeck

Gary Peck
Head of Planning & Development
30/06/2025

SCHEDULE

Conditions

01. The development hereby permitted shall be carried out in accordance with the following approved plans unless specified otherwise in a subsequent condition imposed on this decision notice.

Reference/Drawing Number	Version	Date Rec
SOUTH & WEST ELEVATIONS	2410-E-103	26.02.2025
SITE PLAN	24044-SK-005C	26.02.2025
GROUND & FIRST FLOOR PLAN	24044-SK-004B	20.01.2025
COVERING LETTER & FLOOD MAP	6 Aug 2024	14.08.2024
SITE LOCATION PLAN	2410-E-001-SLP-A	14.08.2024
EXISTING GROUND FLOOR PLAN	2410-E-100-A	14.08.2024
EXISTING FIRST FLOOR PLAN	2410-E-101-A	14.08.2024
NORTH & EAST ELEVATIONS	2410-E-102	14.08.2024
PROPOSED BLOCK PLAN	2410-E-202	14.08.2024

Reason: *For the avoidance of doubt and in the interests of proper planning.*

02. Prior to commencement of the development hereby approved (or such other date or stage in development as may be agreed in writing with the Local Planning Authority), the following components of a scheme to deal with the risks associated with contamination of the site shall each be submitted to and approved in writing by the Local Planning Authority:

(1) A preliminary risk assessment which has identified: all previous uses; potential contaminants associated with those uses; a conceptual model of the site indicating sources, pathways and receptors; and potentially unacceptable risks arising from contamination at the site.

(2) A site investigation scheme, based on (1) above to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off site.

(3) The site investigation results and the detailed risk assessment (2) and, based on these, an options appraisal and remediation strategy giving full details of the remediation measures required and how they are to be undertaken.

(4) A verification plan providing details of the data that will be collected in order to demonstrate that the works set out in (3) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and

arrangements for contingency action. Any changes to these components require the express consent of the Local Planning Authority.

The scheme shall be implemented as approved above and, prior to commencement of any construction work (or such other date or stage in development as may be agreed in writing with the Local Planning Authority), a Verification Report demonstrating completion of the works set out in the approved remediation strategy and the effectiveness of the remediation shall be submitted to and approved in writing by the Local Planning Authority. The report shall include results of sampling and monitoring carried out in accordance with the approved verification plan to demonstrate that the site remediation criteria have been met. It shall also include any plan (a 'long-term monitoring and maintenance plan') for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action, as identified in the verification plan, and for the reporting of this to the Local Planning Authority.

Reason: *To prevent pollution of groundwater and in the interests of environmental protection and public health and safety, in compliance with the National Planning Policy Framework policy DM22 of the Worthing Local Plan.*

03. The development hereby permitted shall not be commenced until details of the proposed means of foul sewerage and surface water disposal have been submitted to and approved in writing by the Local Planning Authority in consultation with Southern Water and the dwellings shall not be occupied until all drainage works have been carried out in accordance with such details as approved by the Local Planning Authority.

Reason: *To ensure adequate drainage and to comply with the National Planning Policy Framework and policy DM20 of the Worthing Local Plan.*

04. Secure, covered cycle parking shall be provided within the site as indicated on the approved drawings and in accordance with precise details to be submitted to and approved in writing by the Local Planning Authority. Such approved cycle facilities shall be provided on the site prior to occupation of the dwellings hereby approved and shall thereafter be retained permanently solely for such purposes.

Reason: *In the interests of sustainable transport and amenity in accordance with DM15 of the Worthing Local Plan.*

05. The dwellings hereby permitted shall not be occupied until refuse/recycling storage enclosures and facilities have been provided in accordance with detailed drawings to be submitted to and approved in writing by the Local Planning Authority. Such enclosures and facilities as provided shall thereafter be retained for bin storage purposes.

Reason: *In the interests of amenity and the environment having regard to policy DM5 of the Worthing Local Plan.*

06. The vehicle parking spaces shall be retained as indicated on the approved plans and particulars for their designated use by residents.

Reason: *To provide adequate on-site car parking spaces for the development.*

Informatives / Notes to Applicant

01. The Local Planning Authority has acted positively and proactively in determining this application by assessing the proposal against all material considerations, including planning policies and any representations that may have been received and subsequently determining to grant prior approval in accordance with the presumption in favour of sustainable development, as set out within the National Planning Policy Framework.

02. The Applicant is advised that works necessary for implementation of this development should be limited to the following times.

Monday to Friday 08:00 - 18:00 Hours
Saturday 09:00 - 13:00 Hours
Sundays, Bank and Public Holidays no work permitted.

03. Please note there are HV/LV underground cables on the site running within close proximity to the proposed development. Prior to commencement of work accurate records should be obtained from our Plan Provision Department at UK Power Networks, Fore Hamlet, Ipswich, IP3 8AA.

All works should be undertaken with due regard to Health & Safety Guidance notes HS(G)47 (Avoiding Danger from Underground services). This document is available from local HSE office.

Should any diversion works be necessary as a result of the development then enquiries should be made to our Customer Connections department. The address is UK Power Networks, Metropolitan house, Darkes Lane, Potters Bar, Herts, EN6 1AG.
You can also find support and application forms on UKPN website
Moving electricity supplies or equipment | UK Power Networks

04. The applicant is advised that the site is adjacent to a flood risk, therefore the applicant should consider creating an emergency plan in case of the event of a flood. The Flood Evacuation Plan should be created in line with 'Flood risk emergency plans for new development' as produced by ADEPT and EA and demonstrate safe access and egress in accordance with NPPF.

05. The applicant is advised that some aspects of the development may result in hazards that require action under the Housing Act 2004. Typical hazards can include 'inner' rooms (where the only means of escape in the case of fire is through another risk room i.e. bedroom, living room, kitchen, etc.) or where there are inadequate windows or outlook from habitable rooms. Compliance with Building Regulations will not necessarily address the hazards identified and you should

contact the Private Sector Housing team to confirm that the layout of the property is acceptable prior to commencing the development in order to avoid the need for any formal intervention or the requirement of retrospective works.

06. A formal application for connection to the public sewerage system is required in order to service this development. The applicant is advised to contact Southern Water Developer Services, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel 0330 303 0119) or www.southernwater.co.uk or email developerservices@southernwater.co.uk

07. The Applicant is reminded that the development the subject of this decision notice is liable for Community Infrastructure Levy (CIL). A CIL Liability Notice will be issued to the liable person(s) and a CIL Land Charge added to the register. CIL will become liable upon commencement of the development with the liable person(s) required to submit a CIL Commencement Notice at least one day before the development commences. Further information can be found on the Council's website via the link https://www.adur-worthing.gov.uk/planning-policy/infrastructure/

In calculating individual charges for the levy, regulation 40 (as amended by the 2014 Regulations), requires collecting authorities to apply an index of inflation to keep the levy responsive to market conditions. The index is the national All-In Tender Price Index of construction costs published by the Building Cost Information Service (BCIS) of the Royal Institution of Chartered Surveyors. This index presents forecast figures, which are updated and finalised periodically. To reduce the need for repeated re-calculation indexing will be applied from the previous 1st November of the date of the CIL Liability Notice to the previous 1st November of the date the payment is due using the national all in Tender Price Index.

08. All Planning Applications for both domestic and non-domestic premises that have been granted approval for new development or conversions will require a new, or amended property address for the proposed development. Developers will be required to submit a Street Naming and Numbering Application to the Street Naming and Numbering Department upon commencement of works to enable the new development to be officially addressed in compliance with the British Standard of Addressing; known as BS7666. Developers are invited to complete their Street Naming and Numbering Application via the following link to the councils' website: www.adur-worthing.gov.uk/naming-and-numbering Information and guidance regarding the Fees for the service provided are also available at this location. Alternatively, please do not hesitate to contact the Street Naming and Numbering Department via the following methods should you have any queries; Street Naming and Numbering, Adur & Worthing Councils, Portland House, 44 Richmond Road, Worthing BN11 1HS. Telephone Number: 01903 221479. Email: llpg@adur-worthing.gov.uk

Ref: NOTICE/0013/24

TOWN AND COUNTRY PLANNING ACT 1990
TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2015 Schedule 2, Part 3, Class MA

YOUR ATTENTION IS DIRECTED TO THE FOLLOWING NOTES FROM THE ABOVE ORDER. THEY ARE FOR INFORMATION ONLY AND DO NOT PRETEND TO SET OUT THE WHOLE OF THE LAW ON THE SUBJECT. IT WOULD BE WELL FOR YOU TO CONSULT YOUR SOLICITOR IF YOU ARE IN ANY DOUBT

Appeals to the Secretary of State

1. If you are aggrieved by the decision of your local planning authority to refuse permission for the proposed development or to grant it subject to conditions, then you can appeal to the Secretary of State under section 78 of the Town and Country Planning Act 1990.

2. If the decision relates to a householder application, and you want to appeal, then you must do so within 12 weeks of the date of this notice. If the decision relates to a non-householder application, an appeal must be lodged within 6 months of the date of the decision notice. Appeals must be made using a form which you can get from the Secretary of State at Temple Quay House, 2 The Square, Temple Quay, Bristol BS1 6PN (Tel: 0303 444 5000) or online at https://acp.planninginspectorate.gov.uk.

3. The Secretary of State can allow a longer period for giving notice of an appeal, but he will not normally be prepared to use this power unless there are special circumstances which excuse the delay in giving notice of appeal.

4. The Secretary of State need not consider an appeal if it seems to him that the local planning authority could not have granted planning permission for the proposed development or could not have granted it without the conditions they imposed, having regard to the statutory requirements to the provisions of any development order and to any directions given under a development order.

5. In practice, the Secretary of State does not refuse to consider appeals solely because the local planning authority based their decision on a direction given by him.

Purchase Notices

6. If either the local planning authority or the Secretary of State refuses permission to develop land or grants it subject to conditions, the owner may claim that he can neither put the land to a reasonably beneficial use in its existing state nor render the land capable of a reasonably beneficial use by the carrying out of any development which has been or would be permitted. In these circumstances, the owner may serve a purchase notice on the District Council in whose area the land is situated. This notice will require the Council to purchase his interest in the land in accordance with the provisions of Part VI of the Town and Planning Act 1990.

7. Where this notice conveys approval or permission, conditional or unconditional, please note that the decision given does not purport to convey any consent or approval which may be required under the Building Act and Building Regulations, or any other legislation.

Reduced time for making a planning appeal where enforcement action is being taken

Where an enforcement notice has been served on the same, or substantially the same, development as in the householder application within 2 years of the date the application was made, the period for receiving an appeal is within 28 days of the date on the decision notice or of the date by which the LPA should have decided the application. Where an enforcement notice was served after the decision notice was issued or after the end of the period the LPA had to determine the application, the period for receiving an appeal is within 28 days of the date the enforcement notice was served (unless this extends the normal 12 weeks deadline).

WORTHING BOROUGH COUNCIL

Mr Dean Jordan
DARA
21 Egerton Gardens
London
SW3 2DF
United Kingdom

PLANNING PERMISSION

TOWN AND COUNTRY PLANNING ACT 1990
TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2015
Schedule 2, Part 3 Class MA

APPLICATION NUMBER: NOTICE/0014/24

Details of Development
APPLICATION FOR PERMITTED DEVELOPMENT FOR PRIOR APPROVAL FOR CHANGE OF USE OF EXISTING BUILDING FROM COMMERCIAL (CLASS E) TO RESIDENTIAL (CLASS C3), CREATING 29NO. NEW DWELLINGS.

Location of Development
WICKER HOUSE HIGH STREET WORTHING WEST SUSSEX BN11 1DJ

In pursuance of their powers under the above-mentioned Act and Order the Council hereby notify that PRIOR APPROVAL IS REQUIRED for the above development from the Local Planning Authority and hereby GRANTED, in accordance with the application and information registered on 14th August 2024.

This is subject to compliance with the conditions specified overleaf.

GPeck

Gary Peck
Head of Planning & Development
26/06/2025

Adur & Worthing Councils, Development Management, Place Directorate,
Worthing Town Hall, Chapel Road, Worthing, West Sussex, BN11 1HA
Tel: 01903 221065 Email: planning@adur-worthing.gov.uk
Web: www.adur-worthing.gov.uk

SCHEDULE

Conditions

01. The development hereby permitted shall be carried out in accordance with the following approved plans unless specified otherwise in a subsequent condition imposed on this decision notice.

Reference/Drawing Number	Version	Date Rec
SITE PLAN	24044-SK-001C	26.02.2025
GROUND FLOOR PLAN	24044-SK-002D	20.01.2025
FIRST FLOOR PLAN	24044-SK-003D	20.01.2025
COVER LETTER & FLOOD MAP		14.08.2024
SITE LOCATION PLAN	2410-W-001-SLP	14.08.2024
EXISTING GROUND FLOOR PLAN	2410-W-100A	14.08.2024
EXISTING FIRST FLOOR PLAN	2410-W-101A	14.08.2024
EXISTING NORTH & EAST ELEVATIONS	2410-W-102	14.08.2024
EXISTING SOUTH & WEST ELEVATIONS	2410-W-103	14.08.2024
PROPOSED BLOCK PLAN	2410-W-202	14.08.2024

Reason: *For the avoidance of doubt and in the interests of proper planning.*

02. Prior to commencement of the development hereby approved (or such other date or stage in development as may be agreed in writing with the Local Planning Authority), the following components of a scheme to deal with the risks associated with contamination of the site shall each be submitted to and approved in writing by the Local Planning Authority:

(1) A preliminary risk assessment which has identified: all previous uses; potential contaminants associated with those uses; a conceptual model of the site indicating sources, pathways and receptors; and potentially unacceptable risks arising from contamination at the site.

(2) A site investigation scheme, based on (1) above to provide information for a detailed assessment of the risk to all receptors that may be affected, including those off site.

(3) The site investigation results and the detailed risk assessment (2) and, based on these, an options appraisal and remediation strategy giving full details of the remediation measures required and how they are to be undertaken.

(4) A verification plan providing details of the data that will be collected in order to demonstrate that the works set out in (3) are complete and identifying any requirements for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action. Any changes to these components require the express consent of the Local Planning Authority.

The scheme shall be implemented as approved above and, prior to commencement of any construction work (or such other date or stage in development as may be agreed in writing with the Local Planning Authority), a Verification Report demonstrating completion of the works set out in the approved remediation strategy and the effectiveness of the remediation shall be submitted to and approved in writing by the Local Planning Authority. The report shall include results of sampling and monitoring carried out in accordance with the approved verification plan to demonstrate that the site remediation criteria have been met. It shall also include any plan (a 'long-term monitoring and maintenance plan') for longer-term monitoring of pollutant linkages, maintenance and arrangements for contingency action, as identified in the verification plan, and for the reporting of this to the Local Planning Authority.

Reason: *To prevent pollution of groundwater and in the interests of environmental protection and public health and safety, in compliance with the National Planning Policy Framework policy DM22 of the Worthing Local Plan.*

03. The development hereby permitted shall not be commenced until details of the proposed means of foul sewerage and surface water disposal have been submitted to and approved in writing by the Local Planning Authority in consultation with Southern Water and the dwellings shall not be occupied until all drainage works have been carried out in accordance with such details as approved by the Local Planning Authority.

Reason: *To ensure adequate drainage and to comply with the National Planning Policy Framework and policy DM20 of the Worthing Local Plan.*

04. Secure, covered cycle parking shall be provided within the site as indicated on the approved drawings and in accordance with precise details to be submitted to and approved in writing by the Local Planning Authority. Such approved cycle facilities shall be provided on the site prior to occupation of the dwellings hereby approved and shall thereafter be retained permanently solely for such purposes.

Reason: *In the interests of sustainable transport and amenity in accordance with DM15 of the Worthing Local Plan.*

05. The dwellings hereby permitted shall not be occupied until refuse/recycling storage enclosures and facilities have been provided in accordance with detailed drawings to be submitted to and approved in writing by the Local Planning Authority. Such enclosures and facilities as provided shall thereafter be retained for bin storage purposes.

Reason: *In the interests of amenity and the environment having regard to policy DM5 of the Worthing Local Plan.*

06. The vehicle parking spaces shall be retained as indicated on the approved plans and particulars for their designated use by residents.

Reason: *To provide adequate on-site car parking spaces for the development.*

Informatives / Notes to Applicant

01. The Local Planning Authority has acted positively and proactively in determining this application by assessing the proposal against all material considerations, including planning policies and any representations that may have been received and subsequently determining to grant prior approval in accordance with the presumption in favour of sustainable development, as set out within the National Planning Policy Framework.

02. The Applicant is advised that works necessary for implementation of this development should be limited to the following times.

Monday to Friday 08:00 - 18:00 Hours
Saturday 09:00 - 13:00 Hours
Sundays, Bank and Public Holidays no work permitted.

03. The applicant is advised that evidence is required to show that all points inside all dwellings are within 45 metres of a fire appliance location or a dry riser outlet in accordance with Approved Document B Volume 1 2019 Edition B5 section 13. This is to be measured along the hose lay route, not in a direct line or arc measurement, as this type of measurement is very rarely achievable due to obstructions. Any areas not within the 45-metre distance will need to be mitigated by the installation of domestic sprinkler or water mist system complying with BS9251 or BS8458 standard. For further advice please refer to West Sussex Fire and Rescue Service.

04. The applicant is advised that the site is adjacent to a flood risk, therefore the applicant should consider creating an emergency plan in case of the event of a flood. The Flood Evacuation Plan should be created in line with 'Flood risk emergency plans for new development' as produced by ADEPT and EA and demonstrate safe access and egress in accordance with NPPF.

05. The applicant is advised that some aspects of the development may result in hazards that require action under the Housing Act 2004. Typical hazards can include 'inner' rooms (where the only means of escape in the case of fire is through another risk room i.e. bedroom, living room, kitchen, etc.) or where there are inadequate windows or outlook from habitable rooms. Compliance with Building Regulations will not necessarily address the hazards identified and you should contact the Private Sector Housing team to confirm that the layout of the property is acceptable prior to commencing the development in order to avoid the need for any formal intervention or the requirement of retrospective works.

06. A formal application for connection to the public sewerage system is required in order to service this development. The applicant is advised to contact Southern Water Developer Services, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel 0330 303 0119) or www.southernwater.co.uk or email developerservices@southernwater.co.uk

07. The applicant is advised that Southern Water records show the approximate position of the existing sewer in the vicinity of the development site. The exact position of the public assets must be determined on site by the applicant in consultation with Southern Water before the layout of the proposed development is finalised.

    For further advice, please contact Southern Water, Southern House, Yeoman Road, Worthing, West Sussex, BN13 3NX (Tel: 0330 303 0119).
    Website: southernwater.co.uk or by email at: SouthernWaterPlanning@southernwater.co.uk

08. The Applicant is reminded that the development the subject of this decision notice is liable for Community Infrastructure Levy (CIL). A CIL Liability Notice will be issued to the liable person(s) and a CIL Land Charge added to the register. CIL will become liable upon commencement of the development with the liable person(s) required to submit a CIL Commencement Notice at least one day before the development commences. Further information can be found on the Council's website via the link https://www.adur-worthing.gov.uk/planning-policy/infrastructure/

    In calculating individual charges for the levy, regulation 40 (as amended by the 2014 Regulations), requires collecting authorities to apply an index of inflation to keep the levy responsive to market conditions. The index is the national All-In Tender Price Index of construction costs published by the Building Cost Information Service (BCIS) of the Royal Institution of Chartered Surveyors. This index presents forecast figures, which are updated and finalised periodically. To reduce the need for repeated re-calculation indexing will be applied from the previous 1st November of the date of the CIL Liability Notice to the previous 1st November of the date the payment is due using the national all in Tender Price Index.

09. All Planning Applications for both domestic and non-domestic premises that have been granted approval for new development or conversions will require a new, or amended property address for the proposed development. Developers will be required to submit a Street Naming and Numbering Application to the Street Naming and Numbering Department upon commencement of works to enable the new development to be officially addressed in compliance with the British Standard of Addressing; known as BS7666. Developers are invited to complete their Street Naming and Numbering Application via the following link to the councils' website: www.adur-worthing.gov.uk/naming-and-numbering Information and guidance regarding the Fees for the service provided are also available at this location. Alternatively, please do not hesitate to contact the Street Naming and Numbering Department via the following methods should you have any queries; Street Naming and Numbering, Adur & Worthing Councils, Portland

House, 44 Richmond Road, Worthing BN11 1HS. Telephone Number: 01903 221479. Email: llpg@adur-worthing.gov.uk

Ref: NOTICE/0014/24

TOWN AND COUNTRY PLANNING ACT 1990
TOWN AND COUNTRY PLANNING (GENERAL PERMITTED DEVELOPMENT) (AMENDMENT) (ENGLAND) ORDER 2015 Schedule 2, Part 3, Class MA

YOUR ATTENTION IS DIRECTED TO THE FOLLOWING NOTES FROM THE ABOVE ORDER. THEY ARE FOR INFORMATION ONLY AND DO NOT PRETEND TO SET OUT THE WHOLE OF THE LAW ON THE SUBJECT. IT WOULD BE WELL FOR YOU TO CONSULT YOUR SOLICITOR IF YOU ARE IN ANY DOUBT

Appeals to the Secretary of State

1. If you are aggrieved by the decision of your local planning authority to refuse permission for the proposed development or to grant it subject to conditions, then you can appeal to the Secretary of State under section 78 of the Town and Country Planning Act 1990.

2. If the decision relates to a householder application, and you want to appeal, then you must do so within 12 weeks of the date of this notice. If the decision relates to a non-householder application, an appeal must be lodged within 6 months of the date of the decision notice. Appeals must be made using a form which you can get from the Secretary of State at Temple Quay House, 2 The Square, Temple Quay, Bristol BS1 6PN (Tel: 0303 444 5000) or online at https://acp.planninginspectorate.gov.uk.

3. The Secretary of State can allow a longer period for giving notice of an appeal, but he will not normally be prepared to use this power unless there are special circumstances which excuse the delay in giving notice of appeal.

4. The Secretary of State need not consider an appeal if it seems to him that the local planning authority could not have granted planning permission for the proposed development or could not have granted it without the conditions they imposed, having regard to the statutory requirements to the provisions of any development order and to any directions given under a development order.

5. In practice, the Secretary of State does not refuse to consider appeals solely because the local planning authority based their decision on a direction given by him.

Purchase Notices

6. If either the local planning authority or the Secretary of State refuses permission to develop land or grants it subject to conditions, the owner may claim that he can neither put the land to a reasonably beneficial use in its existing state nor render the land capable of a reasonably beneficial use by the carrying out of any development which has been or would be permitted. In these circumstances, the owner may serve a purchase notice on the District Council in whose area the land is situated. This notice will require the Council to purchase his interest in the land in accordance with the provisions of Part VI of the Town and Planning Act 1990.

7. Where this notice conveys approval or permission, conditional or unconditional, please note that the decision given does not purport to convey any consent or approval which may be required under the Building Act and Building Regulations, or any other legislation.

Reduced time for making a planning appeal where enforcement action is being taken

Where an enforcement notice has been served on the same, or substantially the same, development as in the householder application within 2 years of the date the application was made, the period for receiving an appeal is within 28 days of the date on the decision notice or of the date by which the LPA should have decided the application. Where an enforcement notice was served after the decision notice was issued or after the end of the period the LPA had to determine the application, the period for receiving an appeal is within 28 days of the date the enforcement notice was served (unless this extends the normal 12 weeks deadline).

APPENDIX C

Classification of Probability, Consequence and Risk

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

Consequence Of Risk Being Realised		
Classification	**Category**	**Definition**
Severe	Human Health	Short term (acute) risk to human health likely to result in "significant harm" as defined by the Environment Protection Act 1990, Part IIA.
	Controlled Waters	Short term risk of pollution (note: Water Resources Act contains no scope for considering significance of pollution) of sensitive water resource.
	Property	Catastrophic damage to buildings/property.
	Ecological Systems	A short term risk to a particular ecosystem or organisation forming part of such ecosystem.
Moderate	Human Health	Chronic damage to Human Health.
	Controlled Waters	Pollution of sensitive water resources (note: Water Resources Act contains no scope for considering significance of pollution).
	Ecological System	A significant change in a particular ecosystem or organism forming part of such ecosystem.
Minor	Controlled Waters	Pollution of non-sensitive water resources.
	Property	Significant damage to crops, buildings, structures and services.
	Ecological Systems	Damage to sensitive buildings/structures/services or the environment.
Very Minor	Human Health	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing, etc).
	Property	Easily repairable effects of damage to buildings, structures and services.
	Project	Harm, although not necessarily significant harm, which may result in a financial loss or expenditure to resolve.

Risk Classification Definitions	
Very High	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening. This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
High	Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the long term.
Moderate	It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild. Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
Low	It is possible that harm could arise to a designated receptor from an identified hazard, but there is a low likelihood of this hazard occurring and if realised, harm would at worst normally be mild.
Very Low	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

APPENDIX D

Preliminary Conceptual Model

ASHDOWN SITE INVESTIGATION

PRELIMINARY CONCEPTUAL MODEL

Site: Wicker & Eagle House, High Street, Worthing, West Sussex

Project Ref: P17304

Potential Source	Potential Receptor	Potential Contaminants	Potential Pathway	Complete Linkage Present?	Probability	Consequence	Risk
· Historical use of the site as part of a council depot.	End Users	Petroleum Hydrocarbons and VOC Compounds	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons and VOC Compounds	Contamination of incoming services	Existing water supply to be retained. Not considered to be a viable pathway			N/A
	Groundwater	Petroleum Hydrocarbons and VOC Compounds	Migration to groundwater	No significant pathway to groundwater exists			N/A
· Historical demolition and redevelopment works across the site.	End Users	Asbestos, Heavy Metals and PAH Compounds	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	No potential contaminants identified			N/A
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)		Contamination of incoming services	Existing water supply to be retained. Not considered to be a viable pathway			N/A
	Groundwater	Heavy Metals and PAH Compounds	Migration to groundwater	No significant pathway to groundwater exists			N/A

ASHDOWN SITE INVESTIGATION

PRELIMINARY CONCEPTUAL MODEL

Site: Wicker & Eagle House, High Street, Worthing, West Sussex **Project Ref:** P17304

Potential Source	Potential Receptor	Potential Contaminants	Potential Pathway	Complete Linkage Present?	Probability	Consequence	Risk
• Historical off-site Electricity Works and Engineering Works/Garage.	End Users	PCB Compounds and Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	Yes	P1: Very Low	C2: Minor	Very Low
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	PCB Compounds and Petroleum Hydrocarbons	Contamination of incoming services	Existing water supply to be retained. Not considered to be a viable pathway			N/A
	Groundwater	PCB Compounds and Petroleum Hydrocarbons	Migration to groundwater	No significant pathway to groundwater exists			N/A

APPENDIX E

Groundsure Enviro+Geo Insight Report
Historical Maps

Groundsure LOCATION INTELLIGENCE

Enviro+Geo Insight

Wicker & Eagle House, Worthing

Order Details

Date: 11/07/2025

Your ref: P17304

Our Ref: GS-152-BIE-IX6-EDL

Site Details

Location: 515090 103031

Area: 0.39 ha

Authority: Adur and Worthing Council ↗



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Summary of findings p. 2 >

Aerial image p. 9 >

OS MasterMap site plan p.14 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	3	7	32	28	-
18 >	1.2 >	Historical tanks >	0	5	44	10	-
21 >	1.3 >	Historical energy features >	4	1	28	22	-
23	1.4	Historical petrol stations	0	0	0	0	-
23 >	1.5 >	Historical garages >	0	4	16	18	-
25	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
26 >	2.1 >	Historical industrial land uses >	4	10	49	34	-
30 >	2.2 >	Historical tanks >	0	7	64	12	-
33 >	2.3 >	Historical energy features >	5	1	50	50	-
37	2.4	Historical petrol stations	0	0	0	0	-
38 >	2.5 >	Historical garages >	0	6	25	33	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
41	3.1	Active or recent landfill	0	0	0	0	-
41	3.2	Historical landfill (BGS records)	0	0	0	0	-
42	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
42	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
42 >	3.5 >	Historical waste sites >	0	0	0	1	-
42	3.6	Licensed waste sites	0	0	0	0	-
43 >	3.7 >	Waste exemptions >	0	0	1	6	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
44 >	4.1 >	Recent industrial land uses >	0	1	19	-	-
46	4.2	National Geographic Database (NGD) - Current or recent tanks	0	0	0	-	-
46	4.3	Current or recent petrol stations	0	0	0	0	-
46	4.4	Electricity cables	0	0	0	0	-
46	4.5	Gas pipelines	0	0	0	0	-

46	4.6	Sites determined as Contaminated Land	0	0	0	0	-
47 >	4.7 >	Control of Major Accident Hazards (COMAH) >	0	0	1	0	-
47	4.8	Regulated explosive sites	0	0	0	0	-
47 >	4.9 >	Hazardous substance storage/usage >	0	0	1	0	-
48	4.10	Historical licensed industrial activities (IPC)	0	0	0	0	-
48	4.11	Licensed industrial activities (Part A(1))	0	0	0	0	-
48 >	4.12 >	Licensed pollutant release (Part A(2)/B) >	0	0	1	1	-
48	4.13	Radioactive Substance Authorisations	0	0	0	0	-
49 >	4.14 >	Licensed Discharges to controlled waters >	0	0	0	3	-
49	4.15	Pollutant release to surface waters (Red List)	0	0	0	0	-
50	4.16	Pollutant release to public sewer	0	0	0	0	-
50	4.17	List 1 Dangerous Substances	0	0	0	0	-
50	4.18	List 2 Dangerous Substances	0	0	0	0	-
50 >	4.19 >	Pollution Incidents (EA/NRW) >	0	0	1	5	-
51	4.20	Pollution inventory substances	0	0	0	0	-
51	4.21	Pollution inventory waste transfers	0	0	0	0	-
52	4.22	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
53 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
55 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
57 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
58 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
59	5.5	Groundwater vulnerability- local information	None (within 0m)				
60 >	5.6 >	Groundwater abstractions >	0	0	0	0	7
62	5.7	Surface water abstractions	0	0	0	0	0
63 >	5.8 >	Potable abstractions >	0	0	0	0	2
63	5.9	Source Protection Zones	0	0	0	0	-
63	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m

64	6.1	Water Network (OS MasterMap)	0	0	0	-	-
64	6.2	Surface water features	0	0	0	-	-
65 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
65 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
65 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
67	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
68 >	7.2 >	Historical Flood Events >	0	0	2	-	-
68	7.3	Flood Defences	0	0	0	-	-
68	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
68	7.5	Flood Storage Areas	0	0	0	-	-
70	7.6	Flood Zone 2	None (within 50m)				
70	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
71 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
73 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
74	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
74	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
74	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
74	10.4	Special Protection Areas (SPA)	0	0	0	0	0
75	10.5	National Nature Reserves (NNR)	0	0	0	0	0
75	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
75	10.7	Designated Ancient Woodland	0	0	0	0	0
75	10.8	Biosphere Reserves	0	0	0	0	0
76	10.9	Forest Parks	0	0	0	0	0
76	10.10	Marine Conservation Zones	0	0	0	0	0
76	10.11	Green Belt	0	0	0	0	0

76	10.12	Proposed Ramsar sites	0	0	0	0	0
76	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
77	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
77	10.15	Nitrate Sensitive Areas	0	0	0	0	0
77 >	10.16 >	Nitrate Vulnerable Zones >	0	0	0	0	1
78 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
79	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
80	11.1	World Heritage Sites	0	0	0	-	-
81	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
81	11.3	National Parks	0	0	0	-	-
81 >	11.4 >	Listed Buildings >	0	3	9	-	-
82 >	11.5 >	Conservation Areas >	1	0	3	-	-
82	11.6	Scheduled Ancient Monuments	0	0	0	-	-
83	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
84 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
85	12.2	Open Access Land	0	0	0	-	-
85	12.3	Tree Felling Licences	0	0	0	-	-
85	12.4	Environmental Stewardship Schemes	0	0	0	-	-
85	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
86	13.1	Priority Habitat Inventory	0	0	0	-	-
86	13.2	Habitat Networks	0	0	0	-	-
86	13.3	Open Mosaic Habitat	0	0	0	-	-
86	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
87 >	14.1 >	10k Availability >	Identified (within 500m)				
88 >	14.2 >	Artificial and made ground (10k) >	0	0	0	2	-

89 >	14.3 >	Superficial geology (10k) >	1	1	1	4	-
90	14.4	Landslip (10k)	0	0	0	0	-
91 >	14.5 >	Bedrock geology (10k) >	1	1	4	2	-
92 >	14.6 >	Bedrock faults and other linear features (10k) >	0	0	0	1	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
93 >	15.1 >	50k Availability >	Identified (within 500m)				
94	15.2	Artificial and made ground (50k)	0	0	0	0	-
94	15.3	Artificial ground permeability (50k)	0	0	-	-	-
95 >	15.4 >	Superficial geology (50k) >	1	0	1	2	-
96 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
96	15.6	Landslip (50k)	0	0	0	0	-
96	15.7	Landslip permeability (50k)	None (within 50m)				
97 >	15.8 >	Bedrock geology (50k) >	1	0	2	1	-
98 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
98 >	15.10 >	Bedrock faults and other linear features (50k) >	0	0	0	1	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
99 >	16.1 >	BGS Boreholes >	1	4	17	-	-
Page	Section	Natural ground subsidence >					
101 >	17.1 >	Shrink swell clays >	Low (within 50m)				
102 >	17.2 >	Running sands >	Low (within 50m)				
104 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
105 >	17.4 >	Collapsible deposits >	Low (within 50m)				
106 >	17.5 >	Landslides >	Very low (within 50m)				
108 >	17.6 >	Ground dissolution of soluble rocks >	Very low (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
110	18.1	BritPits	0	0	0	0	-
111 >	18.2 >	Surface ground workings >	0	1	3	-	-
111	18.3	Underground workings	0	0	0	0	0
111	18.4	Underground mining extents	0	0	0	0	-

111	18.5	Historical Mineral Planning Areas	0	0	0	0	-
112 >	**18.6 >**	**Non-coal mining >**	1	1	0	0	2
112	18.7	JPB mining areas	None (within 0m)				
113	18.8	The Coal Authority non-coal mining	0	0	0	0	-
113 >	**18.9 >**	**Researched mining >**	0	0	0	2	-
113	18.10	Mining record office plans	0	0	0	0	-
113	18.11	BGS mine plans	0	0	0	0	-
114	18.12	Coal mining	None (within 0m)				
114	18.13	Brine areas	None (within 0m)				
114	18.14	Gypsum areas	None (within 0m)				
114	18.15	Tin mining	None (within 0m)				
114	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
115	19.1	Natural cavities	0	0	0	0	-
115	19.2	Mining cavities	0	0	0	0	0
115	19.3	Reported recent incidents	0	0	0	0	-
115	19.4	Historical incidents	0	0	0	0	-
Page	Section	**Radon >**					
117 >	**20.1 >**	**Radon >**	Between 1% and 3% (within 0m)				
Page	Section	**Soil chemistry >**	On site	0-50m	50-250m	250-500m	500-2000m
119 >	**21.1 >**	**BGS Estimated Background Soil Chemistry >**	2	2	-	-	-
119	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
120	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
121	22.1	Underground railways (London)	0	0	0	-	-
121	22.2	Underground railways (Non-London)	0	0	0	-	-
121	22.3	Railway tunnels	0	0	0	-	-
121	22.4	Historical railway and tunnel features	0	0	0	-	-
121	22.5	Royal Mail tunnels	0	0	0	-	-

122	22.6	Historical railways	0	0	0	-	-
122	22.7	Railways	0	0	0	-	-
122	22.8	Crossrail 2	0	0	0	0	-
122	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 20/04/2021

Site Area: 0.39ha

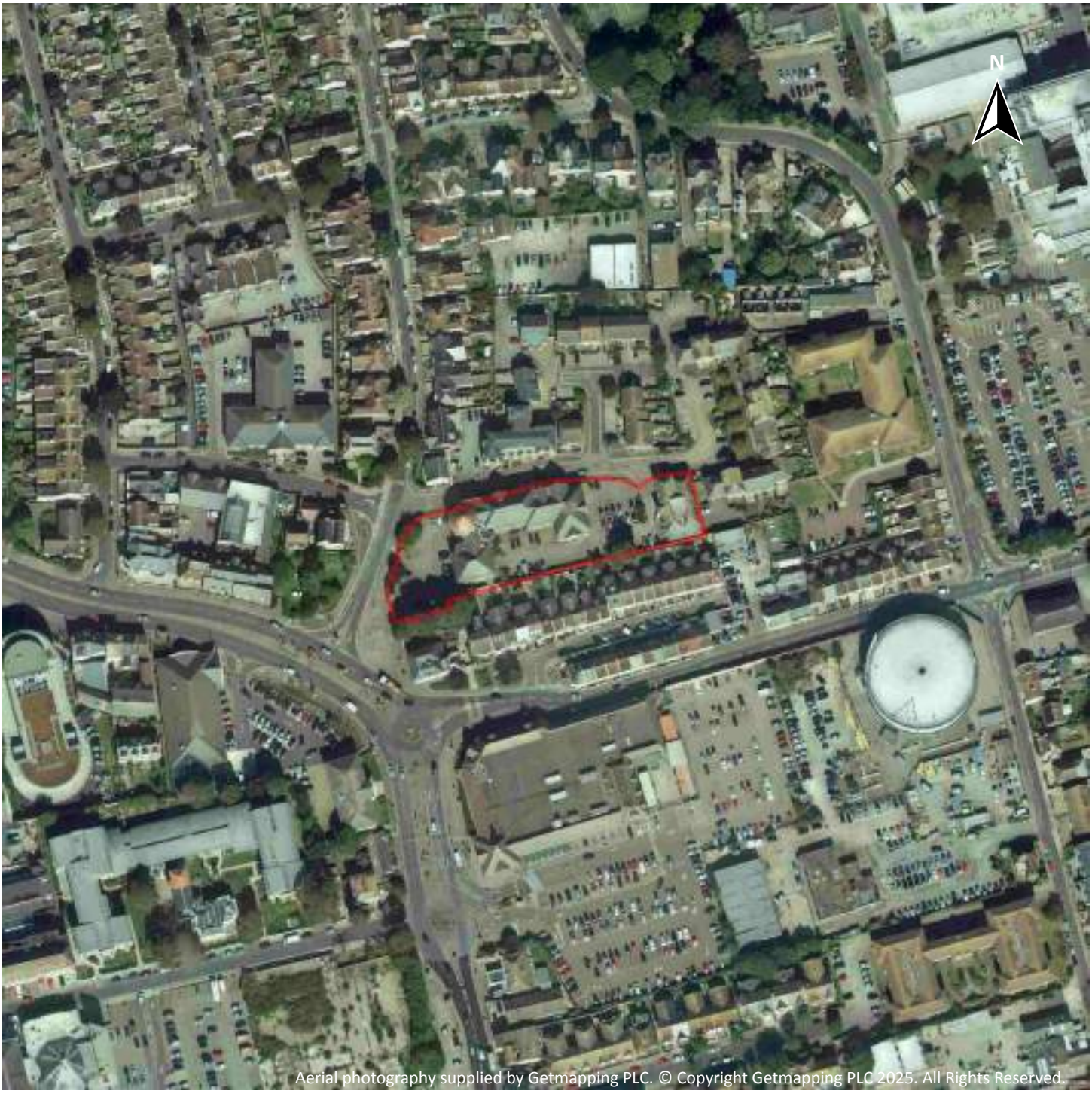
Recent site history - 2018 aerial photograph



Capture Date: 28/06/2018

Site Area: 0.39ha

Recent site history - 2012 aerial photograph



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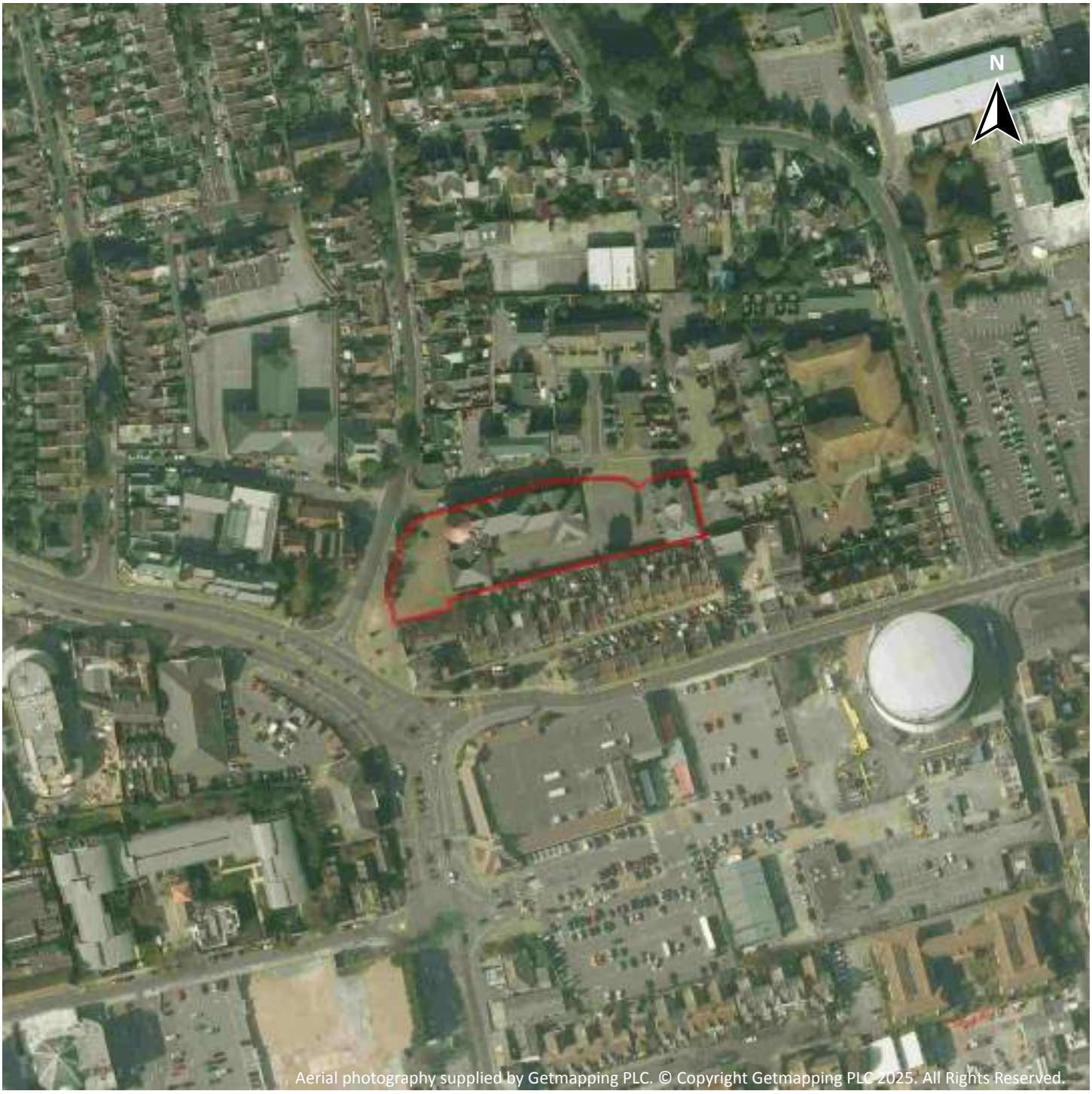
Capture Date: 13/09/2012

Site Area: 0.39ha

Recent site history - 2010 aerial photograph



Capture Date: 24/04/2010

Site Area: 0.39ha

Recent site history - 1999 aerial photograph



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Capture Date: 29/08/1999

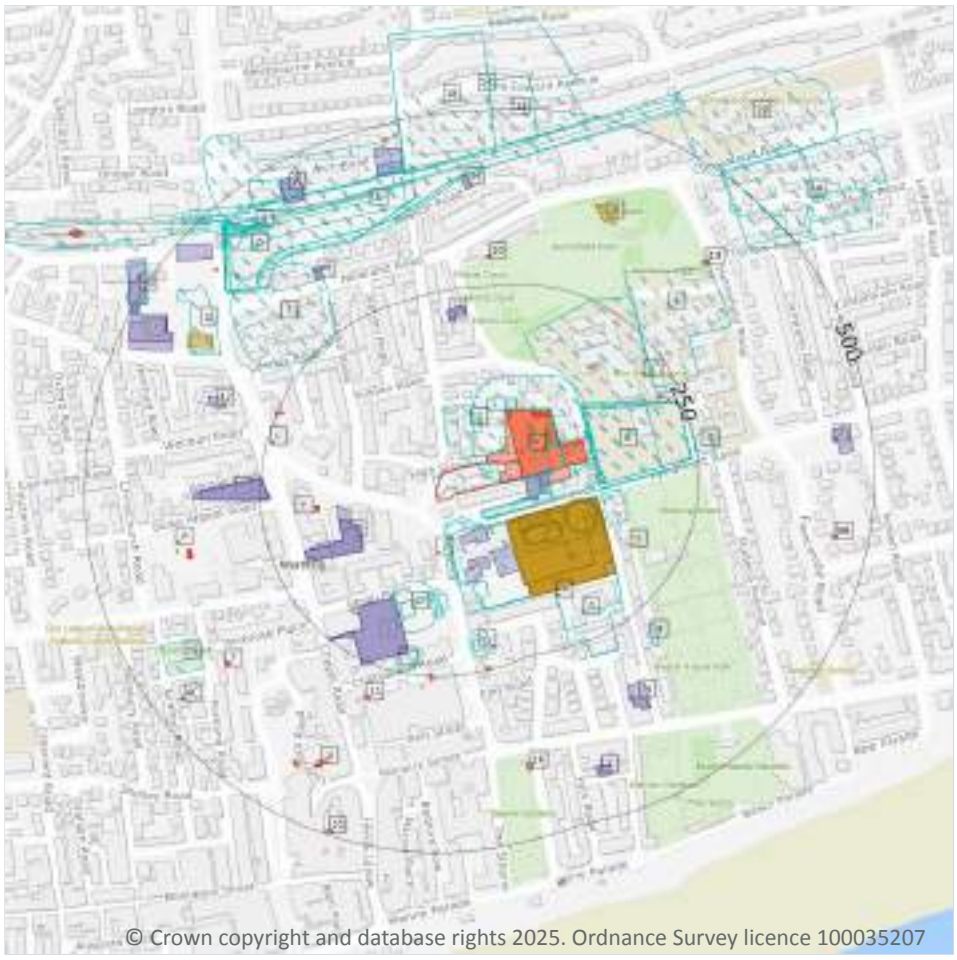
Site Area: 0.39ha

OS MasterMap site plan



Site Area: 0.39ha

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	70

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Corporation Depot**	**1909**	**2158486**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Sanatorium**	**1875**	**2183581**
A	**On site**	**Unspecified Commercial/Industrial**	**1962 - 1969**	**2282723**
A	21m E	Steam Saw Mill	1875	2194916
A	31m SE	Unspecified Commercial/Industrial	1950	2221940
A	35m E	Water Works	1875	2184220
A	37m S	Unspecified Works	1962 - 1971	2245944
1	43m N	Mortuary	1896	2171963
A	48m S	Unspecified Commercial/Industrial	1981	2330290
A	50m NE	Unspecified Tank	1962 - 1969	2228914
A	54m S	Gas Works	1875	2235187
A	55m S	Unspecified Commercial/Industrial	1932	2215762
A	55m S	Gas Works	1896 - 1909	2313634
A	69m S	Unspecified Tanks	1932	2313741
A	70m S	Unspecified Tank	1962 - 1981	2300410
A	72m S	Unspecified Tanks	1950	2298084
A	75m SE	Gasometer	1875	2271775
A	76m S	Gasometers	1896	2170779
A	76m SE	Unspecified Tank	1962 - 1981	2219848
A	77m S	Gasometer	1909	2269739
A	81m SE	Unspecified Tank	1962 - 1981	2203264
A	102m SE	Gasometer	1875 - 1896	2296924
B	103m E	Infirmary	1896	2182183
B	103m E	Hospital	1909 - 1932	2315275
B	105m E	Hospital	1981	2293843
B	106m E	Hospital	1962 - 1971	2237372
B	110m E	Nursery	1875	2179777
A	113m E	Unspecified Works	1875	2182698
D	116m S	Police Station	1981	2261239

ID	Location	Land use	Dates present	Group ID
D	126m S	Police Station	1932	2304511
B	132m NE	Mortuary	1896	2171964
D	133m S	Police Station	1969 - 1971	2246731
D	145m S	Police Station	1969 - 1978	2205621
D	145m S	Police Station	1991	2298031
B	148m NE	Mortuary	1909	2171962
3	165m S	Unspecified Depot	1981	2170086
G	197m S	Fire Station	1932	2271765
G	203m S	Fire Station	1962	2276497
I	212m S	Brewery	1875	2159131
6	219m NE	Nurseries	1896	2199590
7	243m NW	Steam Saw Mills	1875	2160912
8	249m E	Unspecified Pit	1896	2176370
9	274m SE	Malthouse	1875	2184406
O	355m N	Railway Sidings	1971 - 1978	2257635
O	355m N	Railway Sidings	1962 - 1969	2271202
Q	356m NW	Unspecified Works	1962	2182699
O	357m N	Railway Sidings	1896	2287294
S	364m N	Railway Sidings	1909 - 1932	2315107
S	365m N	Railway Sidings	1950	2201946
Q	367m NW	Unspecified Tank	1950	2191196
R	368m N	Unspecified Tank	1950	2193471
U	381m N	Railway Sidings	1875	2320009
15	392m SW	Grave Yard	1875	2165910
W	400m N	Nurseries	1896	2199709
U	401m NW	Railway Building	1896	2196177
17	424m N	Nurseries	1909 - 1932	2322819
18	425m N	Nurseries	1896	2295338

ID	Location	Land use	Dates present	Group ID
U	427m NW	Railway Building	1971 - 1978	2240786
U	427m NW	Railway Building	1962 - 1969	2263399
U	434m NW	Railway Building	1950	2241437
U	434m NW	Railway Sidings	1909	2255998
U	434m NW	Railway Sidings	1932	2292618
19	439m N	Nursery	1896	2180418
U	441m NW	Railway Building	1896	2220789
U	443m NW	Goods Shed	1875	2167486
AA	444m NE	Nurseries	1896	2243370
W	455m NW	Telephone Exchange	1991	2189433
AA	465m NE	Nurseries	1932	2220639
AD	484m NW	Garage	1969	2173720
20	488m NE	Nursery	1932	2180420

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**59**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	16m E	Unspecified Tank	1875	387060
A	30m NE	Tanks	1952	423830
A	34m NE	Tanks	1943	377940
A	38m NE	Unspecified Tank	1952	405844
A	49m NE	Unspecified Tank	1912	387054

ID	Location	Land use	Dates present	Group ID
A	51m NE	Tanks	1932	423631
A	51m NE	Tanks	1943	421612
A	53m S	Gasholder Station	1987	416266
A	53m S	Gasholder Station	1952	418820
A	53m S	Gasholder Station	1952 - 1967	404663
A	53m S	Gasholder Station	1976	418316
A	54m NE	Unspecified Tank	1932	387055
A	54m NE	Tanks	1952	412676
A	55m S	Gas Works	1912	430064
A	55m S	Gasometer	1898	382728
A	56m NE	Tanks	1952	406671
A	59m SE	Tanks	1898 - 1932	430099
A	60m NE	Unspecified Tank	1943	387067
A	61m S	Gas Works	1875	431691
A	64m SE	Unspecified Tank	1875	387057
A	67m E	Unspecified Tank	1875	387058
A	68m S	Tanks	1932 - 1943	426720
A	70m S	Gas Holders	1987	380954
2	71m S	Unspecified Tank	1875	387064
A	71m S	Gasholders	1952	411811
A	71m S	Gasholders	1952 - 1976	423277
A	71m S	Unspecified Tank	1967 - 1987	402010
A	73m SE	Unspecified Tank	1943	399856
A	74m S	Gasometers	1898 - 1912	399836
A	78m SE	Unspecified Tank	1875	387056
A	78m SE	Gasholder	1952	424802
A	78m SE	Gas Holder	1987	381545
A	79m SE	Gasholder	1952 - 1976	412633

ID	Location	Land use	Dates present	Group ID
A	81m SE	Gasometers	1875	422774
A	100m SE	Unspecified Tank	1898	423124
A	107m SE	Gasometers	1875	381396
A	114m SE	Unspecified Tank	1932	401404
A	114m SE	Unspecified Tank	1912	403252
A	127m SE	Unspecified Tank	1943	387068
A	131m SE	Unspecified Tank	1952 - 1967	417162
B	163m NE	Unspecified Tank	1976 - 1999	424252
4	173m S	Unspecified Tank	1875	387061
5	182m SE	Unspecified Tank	1875	387062
F	196m W	Tank or Trough	1875	382174
J	220m NE	Unspecified Tank	1969	408715
J	220m NE	Unspecified Tank	1952	427515
J	220m NE	Unspecified Tank	1952	417045
L	241m W	Unspecified Tank	1971 - 1981	419726
L	242m W	Unspecified Tank	1952	406009
R	359m N	Unspecified Tank	1943	387043
P	370m W	Unspecified Tank	1999	425178
P	371m W	Unspecified Tank	1990	426051
Q	372m NW	Unspecified Tank	1943	392936
P	374m W	Unspecified Tank	1999	429592
P	375m W	Unspecified Tank	1990	412933
P	375m W	Unspecified Tank	1990	423918
AC	456m SW	Unspecified Tank	1970 - 1976	431339
AC	457m SW	Unspecified Tank	1990	426175
S	476m N	Unspecified Tank	1932	387042

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	55

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Electricity Depot**	**1976**	**275288**
A	**On site**	**Electricity Works**	**1952**	**289303**
A	**On site**	**Electricity Works**	**1912**	**296516**
A	**On site**	**Electricity Works**	**1952 - 1969**	**317806**
A	11m NE	Electricity Substation	1976	269151
A	53m S	Gasholder Station	1987	308017
A	53m S	Gasholder Station	1952	317759
A	53m S	Gasholder Station	1952 - 1967	283360
A	53m S	Gasholder Station	1976	291901
A	55m S	Gas Works	1912	277211
A	55m S	Gasometer	1898	275891
A	61m S	Gas Works	1875	280402
A	63m N	Electricity Substation	1992 - 1999	319806
A	64m N	Electricity Substation	1995 - 1999	283971
A	64m N	Electricity Substation	1976	295543
A	64m N	Electricity Substation	1969	310694
A	69m N	Electricity Substation	1988 - 1992	323180
A	70m S	Gas Holders	1987	266311
A	71m S	Gasholders	1952	281064
A	71m S	Gasholders	1952 - 1976	302737
A	74m S	Gasometers	1898 - 1912	294282

ID	Location	Land use	Dates present	Group ID
A	78m SE	Gasholder	1952	307933
A	78m SE	Gas Holder	1987	275635
A	79m SE	Gasholder	1952 - 1976	286739
A	81m SE	Gasometers	1875	320263
A	107m SE	Gasometers	1875	275477
F	166m W	Electricity Substation	1970 - 1976	321361
F	167m W	Electricity Substation	1999	316278
F	168m W	Electricity Substation	1990	285786
J	216m NE	Electricity Substation	1969 - 1992	280289
L	242m W	Electricity Substation	1971 - 1988	304816
G	246m S	Electricity Substation	1976 - 1987	297762
I	247m S	Electricity Substation	1976 - 1987	304334
10	290m N	Electricity Substation	1969 - 1999	279459
11	293m S	Electricity Substation	1976 - 1999	285534
P	356m W	Electricity Substation	1954	321270
P	356m W	Electricity Substation	1962 - 1976	278026
P	356m W	Electricity Substation	1999	302654
P	357m W	Electricity Substation	1990	318704
T	374m SW	Electricity Substation	1999	292628
T	374m SW	Electricity Substation	1970 - 1976	294621
T	376m SW	Electricity Substation	1990	319462
13	382m NE	Electricity Substation	1969 - 1999	313334
16	392m S	Electricity Substation	1976 - 1987	310150
V	398m SW	Electricity Substation	1990	288380
V	408m SW	Electricity Substation	1999	278070
V	409m SW	Electricity Substation	1976	296467
V	420m SW	Electricity Substation	1999	277498
V	421m SW	Electricity Substation	1990	279879

ID	Location	Land use	Dates present	Group ID
U	432m NW	Electricity Substation	1952 - 1954	291517
Z	444m E	Electricity Substation	1967 - 1973	320932
AB	447m E	Electricity Substation	1969 - 1994	315781
AB	448m E	Electricity Substation	-	265567
S	480m N	Electricity Substation	1974	270216
21	491m S	Electricity Substation	1970 - 1999	293767

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	38

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 15 >**

ID	Location	Land use	Dates present	Group ID
A	2m E	Garage	1988 - 1992	90069
A	3m E	Garage	1976	83432
A	24m E	Garage	1995	93411
A	24m E	Garage	1995 - 1999	89125
A	53m S	Garage	1952 - 1967	92761

ID	Location	Land use	Dates present	Group ID
A	90m S	Garage	1967 - 1976	87326
A	93m S	Garage	1967 - 1976	93301
C	115m W	Garage	1976	86871
C	115m W	Garage	1954 - 1962	90984
C	116m W	Garage	1970	91976
C	119m SW	Garage	1999	88986
E	150m SW	Garage	1954	91320
E	150m SW	Garage	1962	89449
E	151m SW	Garage	1970 - 1976	90230
H	204m N	Garage	1995 - 1999	91864
H	205m N	Garage	1976	95931
H	205m N	Garage	1988 - 1992	93645
K	236m W	Garage	1981	85726
K	237m W	Garage	1952 - 1954	83094
K	238m W	Garage	1971	90080
12	322m W	Garage	1971 - 1988	91960
M	324m NW	Garage	1986	87244
N	331m SE	Garage	1967 - 1976	90770
M	336m NW	Garage	1971 - 1981	93241
N	352m SE	Garage	1987	88704
14	389m N	Garage	1976 - 1999	89415
X	421m NW	Garage	1981 - 1988	86085
Y	425m S	Garage	1987	93050
Y	426m S	Garage	1967 - 1976	89679
S	429m N	Garage	1954	84153
S	430m N	Garage	1952	86379
X	430m NW	Garage	1971	86675
W	436m NW	Garage	1971 - 1981	89570

ID	Location	Land use	Dates present	Group ID
W	437m NW	Garage	1986	88187
Z	447m E	Garage	1973	81732
U	449m NW	Garage	1981 - 1986	94169
AD	485m NW	Garage	1952	94375
AD	485m NW	Garage	1954	92053

This data is sourced from Ordnance Survey / Groundsure.

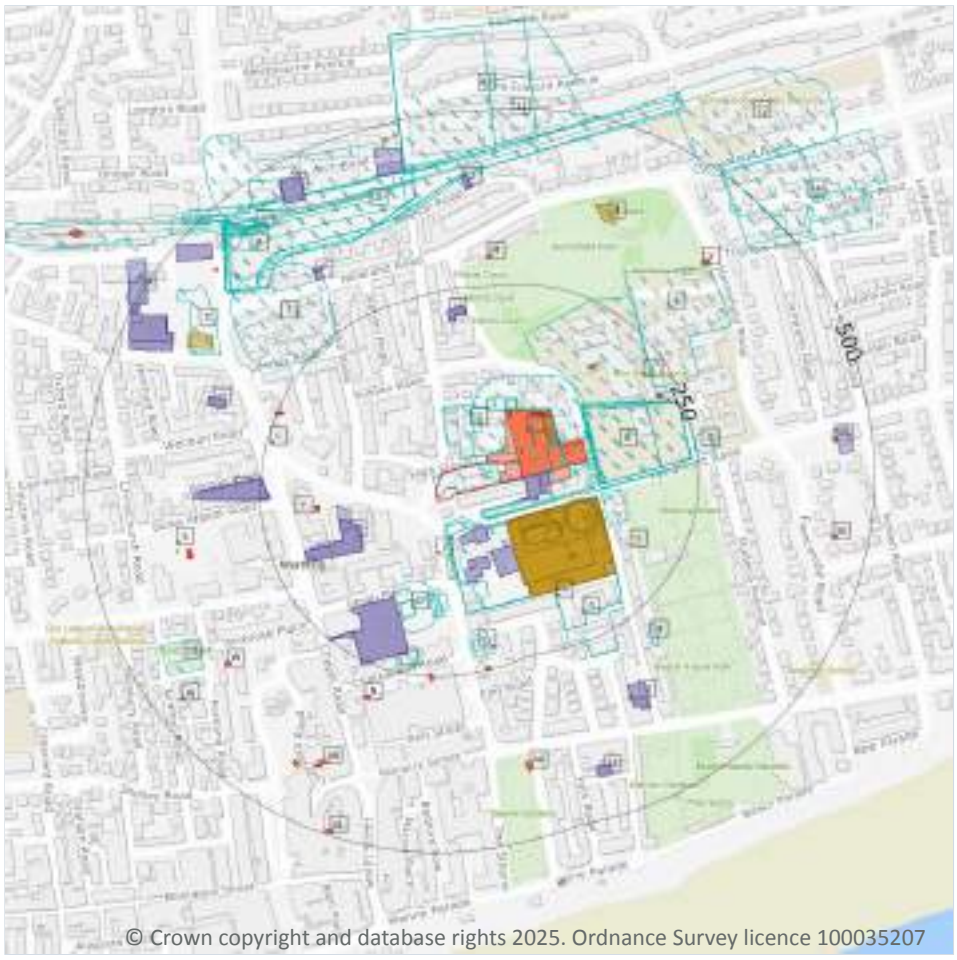
1.6 Historical military land

Records within 500m	**0**

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	97

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 26 >**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Sanatorium**	**1875**	**2183581**
A	**On site**	**Corporation Depot**	**1909**	**2158486**
A	**On site**	**Unspecified Commercial/Industrial**	**1962**	**2282723**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Unspecified Commercial/Industrial**	**1969**	**2282723**
A	21m E	Steam Saw Mill	1875	2194916
A	31m SE	Unspecified Commercial/Industrial	1950	2221940
A	35m E	Water Works	1875	2184220
A	37m S	Unspecified Works	1962	2245944
A	37m S	Unspecified Works	1969	2245944
A	37m S	Unspecified Works	1971	2245944
1	43m N	Mortuary	1896	2171963
A	48m S	Unspecified Commercial/Industrial	1981	2330290
A	50m NE	Unspecified Tank	1962	2228914
A	50m NE	Unspecified Tank	1969	2228914
A	54m S	Gas Works	1875	2235187
A	55m S	Unspecified Commercial/Industrial	1932	2215762
A	55m S	Gas Works	1909	2313634
A	57m S	Gas Works	1896	2313634
A	69m S	Unspecified Tanks	1932	2313741
A	70m S	Unspecified Tank	1981	2300410
A	70m S	Unspecified Tank	1962	2300410
A	70m S	Unspecified Tank	1969	2300410
A	70m S	Unspecified Tank	1971	2300410
A	72m S	Unspecified Tanks	1950	2298084
A	75m SE	Gasometer	1875	2271775
A	76m S	Gasometers	1896	2170779
A	76m SE	Unspecified Tank	1981	2219848
A	76m SE	Unspecified Tank	1962	2219848
A	76m SE	Unspecified Tank	1969	2219848
A	76m SE	Unspecified Tank	1971	2219848
A	77m S	Gasometer	1909	2269739

ID	Location	Land Use	Date	Group ID
A	81m SE	Unspecified Tank	1981	2203264
A	81m SE	Unspecified Tank	1962	2203264
A	81m SE	Unspecified Tank	1969	2203264
A	81m SE	Unspecified Tank	1971	2203264
A	102m SE	Gasometer	1875	2296924
A	103m SE	Gasometer	1896	2296924
B	103m E	Hospital	1909	2315275
B	103m E	Infirmary	1896	2182183
B	105m E	Hospital	1981	2293843
B	106m E	Hospital	1932	2315275
B	106m E	Hospital	1962	2237372
B	106m E	Hospital	1969	2237372
B	106m E	Hospital	1971	2237372
B	110m E	Nursery	1875	2179777
A	113m E	Unspecified Works	1875	2182698
D	116m S	Police Station	1981	2261239
D	126m S	Police Station	1932	2304511
B	132m NE	Mortuary	1896	2171964
D	133m S	Police Station	1969	2246731
D	133m S	Police Station	1971	2246731
D	145m S	Police Station	1991	2298031
D	145m S	Police Station	1971	2205621
D	145m S	Police Station	1969	2205621
D	145m S	Police Station	1978	2205621
B	148m NE	Mortuary	1909	2171962
3	165m S	Unspecified Depot	1981	2170086
G	197m S	Fire Station	1932	2271765
G	203m S	Fire Station	1962	2276497

ID	Location	Land Use	Date	Group ID
I	212m S	Brewery	1875	2159131
6	219m NE	Nurseries	1896	2199590
7	243m NW	Steam Saw Mills	1875	2160912
8	249m E	Unspecified Pit	1896	2176370
9	274m SE	Malthouse	1875	2184406
R	355m N	Railway Sidings	1971	2257635
R	355m N	Railway Sidings	1969	2271202
R	355m N	Railway Sidings	1978	2257635
R	355m N	Railway Sidings	1962	2271202
T	356m NW	Unspecified Works	1962	2182699
R	357m N	Railway Sidings	1896	2287294
V	364m N	Railway Sidings	1932	2315107
V	364m N	Railway Sidings	1909	2315107
V	365m N	Railway Sidings	1950	2201946
T	367m NW	Unspecified Tank	1950	2191196
U	368m N	Unspecified Tank	1950	2193471
X	381m N	Railway Sidings	1875	2320009
10	392m SW	Grave Yard	1875	2165910
AC	400m N	Nurseries	1896	2199709
X	401m NW	Railway Building	1896	2196177
AE	424m N	Nurseries	1909	2322819
AE	425m N	Nurseries	1896	2295338
X	427m NW	Railway Building	1971	2240786
X	427m NW	Railway Building	1978	2240786
X	427m NW	Railway Building	1969	2263399
X	427m NW	Railway Building	1962	2263399
AE	433m N	Nurseries	1932	2322819
X	434m NW	Railway Building	1950	2241437

ID	Location	Land Use	Date	Group ID
X	434m NW	Railway Sidings	1932	2292618
X	434m NW	Railway Sidings	1909	2255998
11	439m N	Nursery	1896	2180418
X	441m NW	Railway Building	1896	2220789
X	443m NW	Goods Shed	1875	2167486
AH	444m NE	Nurseries	1896	2243370
AC	455m NW	Telephone Exchange	1991	2189433
AH	465m NE	Nurseries	1932	2220639
AK	484m NW	Garage	1969	2173720
12	488m NE	Nursery	1932	2180420

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**83**

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 26 >**

ID	Location	Land Use	Date	Group ID
A	16m E	Unspecified Tank	1875	387060
A	30m NE	Tanks	1952	423830
A	30m NE	Tanks	1952	423830
A	34m NE	Tanks	1943	377940
A	38m NE	Unspecified Tank	1952	405844
A	38m NE	Unspecified Tank	1952	405844
A	49m NE	Unspecified Tank	1912	387054
A	51m NE	Tanks	1932	423631
A	51m NE	Tanks	1943	421612
A	53m S	Gasholder Station	1987	416266

ID	Location	Land Use	Date	Group ID
A	53m S	Gasholder Station	1952	418820
A	53m S	Gasholder Station	1967	404663
A	53m S	Gasholder Station	1976	418316
A	53m S	Gasholder Station	1952	404663
A	54m NE	Unspecified Tank	1932	387055
A	54m NE	Tanks	1952	412676
A	55m S	Gas Works	1912	430064
A	55m S	Gasometer	1898	382728
A	56m NE	Tanks	1952	406671
A	56m NE	Tanks	1952	406671
A	59m SE	Tanks	1898	430099
A	59m SE	Tanks	1912	430099
A	59m SE	Tanks	1932	430099
A	60m NE	Unspecified Tank	1943	387067
A	61m S	Gas Works	1875	431691
A	64m SE	Unspecified Tank	1875	387057
A	67m E	Unspecified Tank	1875	387058
A	68m S	Tanks	1943	426720
A	70m S	Gas Holders	1987	380954
2	71m S	Unspecified Tank	1875	387064
A	71m S	Gasholders	1952	411811
A	71m S	Gasholders	1967	423277
A	71m S	Gasholders	1976	423277
A	71m S	Gasholders	1952	423277
A	71m S	Unspecified Tank	1967	402010
A	71m S	Unspecified Tank	1976	402010
A	71m S	Unspecified Tank	1987	402010
A	73m SE	Unspecified Tank	1943	399856

ID	Location	Land Use	Date	Group ID
A	74m S	Gasometers	1898	399836
A	74m S	Gasometers	1912	399836
A	74m S	Tanks	1932	426720
A	78m SE	Unspecified Tank	1875	387056
A	78m SE	Gasholder	1952	424802
A	78m SE	Gas Holder	1987	381545
A	79m SE	Gasholder	1967	412633
A	79m SE	Gasholder	1976	412633
A	79m SE	Gasholder	1952	412633
A	81m SE	Gasometers	1875	422774
A	100m SE	Unspecified Tank	1898	423124
A	107m SE	Gasometers	1875	381396
A	114m SE	Unspecified Tank	1932	401404
A	114m SE	Unspecified Tank	1912	403252
A	127m SE	Unspecified Tank	1943	387068
A	131m SE	Unspecified Tank	1967	417162
A	131m SE	Unspecified Tank	1952	417162
A	131m SE	Unspecified Tank	1952	417162
B	163m NE	Unspecified Tank	1988	424252
B	163m NE	Unspecified Tank	1992	424252
B	165m NE	Unspecified Tank	1976	424252
B	166m NE	Unspecified Tank	1995	424252
B	166m NE	Unspecified Tank	1995	424252
B	166m NE	Unspecified Tank	1999	424252
4	173m S	Unspecified Tank	1875	387061
5	182m SE	Unspecified Tank	1875	387062
F	196m W	Tank or Trough	1875	382174
J	220m NE	Unspecified Tank	1952	427515

ID	Location	Land Use	Date	Group ID
J	220m NE	Unspecified Tank	1969	408715
J	220m NE	Unspecified Tank	1952	417045
L	241m W	Unspecified Tank	1981	419726
L	242m W	Unspecified Tank	1971	419726
L	242m W	Unspecified Tank	1952	406009
U	359m N	Unspecified Tank	1943	387043
S	370m W	Unspecified Tank	1999	425178
S	371m W	Unspecified Tank	1990	426051
S	371m W	Unspecified Tank	1990	426051
T	372m NW	Unspecified Tank	1943	392936
S	374m W	Unspecified Tank	1999	429592
S	375m W	Unspecified Tank	1990	423918
S	375m W	Unspecified Tank	1990	412933
AJ	456m SW	Unspecified Tank	1970	431339
AJ	456m SW	Unspecified Tank	1976	431339
AJ	457m SW	Unspecified Tank	1990	426175
V	476m N	Unspecified Tank	1932	387042

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m **106**

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 26 >**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Electricity Depot**	**1976**	**275288**
A	**On site**	**Electricity Works**	**1952**	**317806**
A	**On site**	**Electricity Works**	**1952**	**289303**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Electricity Works**	**1969**	**317806**
A	**On site**	**Electricity Works**	**1912**	**296516**
A	11m NE	Electricity Substation	1976	269151
A	53m S	Gasholder Station	1987	308017
A	53m S	Gasholder Station	1952	317759
A	53m S	Gasholder Station	1967	283360
A	53m S	Gasholder Station	1976	291901
A	53m S	Gasholder Station	1952	283360
A	55m S	Gas Works	1912	277211
A	55m S	Gasometer	1898	275891
A	61m S	Gas Works	1875	280402
A	63m N	Electricity Substation	1995	319806
A	63m N	Electricity Substation	1999	319806
A	63m N	Electricity Substation	1995	319806
A	64m N	Electricity Substation	1995	283971
A	64m N	Electricity Substation	1999	283971
A	64m N	Electricity Substation	1995	283971
A	64m N	Electricity Substation	1992	319806
A	64m N	Electricity Substation	1976	295543
A	64m N	Electricity Substation	1969	310694
A	69m N	Electricity Substation	1988	323180
A	69m N	Electricity Substation	1992	323180
A	70m S	Gas Holders	1987	266311
A	71m S	Gasholders	1952	281064
A	71m S	Gasholders	1967	302737
A	71m S	Gasholders	1976	302737
A	71m S	Gasholders	1952	302737
A	74m S	Gasometers	1898	294282

ID	Location	Land Use	Date	Group ID
A	74m S	Gasometers	1912	294282
A	78m SE	Gasholder	1952	307933
A	78m SE	Gas Holder	1987	275635
A	79m SE	Gasholder	1967	286739
A	79m SE	Gasholder	1976	286739
A	79m SE	Gasholder	1952	286739
A	81m SE	Gasometers	1875	320263
A	107m SE	Gasometers	1875	275477
F	166m W	Electricity Substation	1970	321361
F	166m W	Electricity Substation	1976	321361
F	167m W	Electricity Substation	1999	316278
F	168m W	Electricity Substation	1990	285786
F	168m W	Electricity Substation	1990	285786
J	216m NE	Electricity Substation	1988	280289
J	216m NE	Electricity Substation	1992	280289
J	218m NE	Electricity Substation	1976	280289
J	218m NE	Electricity Substation	1969	280289
L	242m W	Electricity Substation	1981	304816
L	242m W	Electricity Substation	1986	304816
L	242m W	Electricity Substation	1988	304816
L	243m W	Electricity Substation	1971	304816
G	246m S	Electricity Substation	1987	297762
G	246m S	Electricity Substation	1976	297762
I	247m S	Electricity Substation	1976	304334
I	247m S	Electricity Substation	1987	304334
M	290m N	Electricity Substation	1969	279459
M	290m N	Electricity Substation	1988	279459
M	290m N	Electricity Substation	1992	279459

ID	Location	Land Use	Date	Group ID
M	290m N	Electricity Substation	1976	279459
M	291m N	Electricity Substation	1995	279459
M	291m N	Electricity Substation	1999	279459
M	291m N	Electricity Substation	1995	279459
N	293m S	Electricity Substation	1999	285534
N	293m S	Electricity Substation	1976	285534
N	293m S	Electricity Substation	1990	285534
N	293m S	Electricity Substation	1990	285534
S	356m W	Electricity Substation	1954	321270
S	356m W	Electricity Substation	1970	278026
S	356m W	Electricity Substation	1976	278026
S	356m W	Electricity Substation	1962	278026
S	356m W	Electricity Substation	1999	302654
S	357m W	Electricity Substation	1990	318704
S	357m W	Electricity Substation	1990	318704
W	374m SW	Electricity Substation	1999	292628
W	374m SW	Electricity Substation	1970	294621
W	374m SW	Electricity Substation	1976	294621
W	376m SW	Electricity Substation	1990	319462
Y	382m NE	Electricity Substation	1988	313334
Y	382m NE	Electricity Substation	1992	313334
Y	383m NE	Electricity Substation	1976	313334
Y	383m NE	Electricity Substation	1969	313334
Y	384m NE	Electricity Substation	1995	313334
Y	384m NE	Electricity Substation	1999	313334
Y	384m NE	Electricity Substation	1995	313334
AA	392m S	Electricity Substation	1987	310150
AA	393m S	Electricity Substation	1976	310150

ID	Location	Land Use	Date	Group ID
AB	398m SW	Electricity Substation	1990	288380
AB	408m SW	Electricity Substation	1999	278070
AB	409m SW	Electricity Substation	1976	296467
AB	420m SW	Electricity Substation	1999	277498
AB	421m SW	Electricity Substation	1990	279879
AB	421m SW	Electricity Substation	1990	279879
X	432m NW	Electricity Substation	1952	291517
X	432m NW	Electricity Substation	1954	291517
AG	444m E	Electricity Substation	1967	320932
AG	444m E	Electricity Substation	1973	320932
AI	447m E	Electricity Substation	1969	315781
AI	448m E	Electricity Substation	-	265567
AI	448m E	Electricity Substation	1994	315781
V	480m N	Electricity Substation	1974	270216
AL	491m S	Electricity Substation	1970	293767
AL	491m S	Electricity Substation	1976	293767
AL	491m S	Electricity Substation	1999	293767
AL	491m S	Electricity Substation	1990	293767
AL	491m S	Electricity Substation	1990	293767

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	**64**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 26 >**

ID	Location	Land Use	Date	Group ID
A	2m E	Garage	1988	90069
A	2m E	Garage	1992	90069
A	3m E	Garage	1976	83432
A	24m E	Garage	1995	93411
A	24m E	Garage	1999	89125
A	24m E	Garage	1995	89125
A	53m S	Garage	1952	92761
A	53m S	Garage	1967	92761
A	90m S	Garage	1967	87326
A	90m S	Garage	1976	87326
A	93m S	Garage	1967	93301
A	93m S	Garage	1976	93301
C	115m W	Garage	1976	86871
C	115m W	Garage	1954	90984
C	116m W	Garage	1962	90984
C	116m W	Garage	1970	91976
C	119m SW	Garage	1999	88986
E	150m SW	Garage	1954	91320
E	150m SW	Garage	1962	89449
E	151m SW	Garage	1970	90230
E	151m SW	Garage	1976	90230
H	204m N	Garage	1995	91864
H	204m N	Garage	1999	91864

ID	Location	Land Use	Date	Group ID
H	204m N	Garage	1995	91864
H	205m N	Garage	1976	95931
H	205m N	Garage	1988	93645
H	205m N	Garage	1992	93645
K	236m W	Garage	1981	85726
K	237m W	Garage	1954	83094
K	238m W	Garage	1952	83094
K	238m W	Garage	1971	90080
O	322m W	Garage	1988	91960
O	322m W	Garage	1981	91960
O	322m W	Garage	1986	91960
O	324m W	Garage	1971	91960
P	324m NW	Garage	1986	87244
Q	331m SE	Garage	1967	90770
Q	331m SE	Garage	1976	90770
P	336m NW	Garage	1971	93241
P	336m NW	Garage	1981	93241
Q	352m SE	Garage	1987	88704
Z	389m N	Garage	1999	89415
Z	389m N	Garage	1995	89415
Z	389m N	Garage	1995	89415
Z	390m N	Garage	1976	89415
Z	390m N	Garage	1988	89415
Z	390m N	Garage	1992	89415
AD	421m NW	Garage	1988	86085
AD	421m NW	Garage	1981	86085
AD	421m NW	Garage	1986	86085
AF	425m S	Garage	1987	93050

ID	Location	Land Use	Date	Group ID
AF	426m S	Garage	1967	89679
AF	426m S	Garage	1976	89679
V	429m N	Garage	1954	84153
V	430m N	Garage	1952	86379
AD	430m NW	Garage	1971	86675
AC	436m NW	Garage	1981	89570
AC	436m NW	Garage	1971	89570
AC	437m NW	Garage	1986	88187
AG	447m E	Garage	1973	81732
X	449m NW	Garage	1981	94169
X	449m NW	Garage	1986	94169
AK	485m NW	Garage	1952	94375
AK	485m NW	Garage	1954	92053

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	1

Waste site records derived from Local Authority planning records and high detail historical mapping.

Features are displayed on the Waste and landfill map on **page 41 >**

ID	Location	Address	Further Details	Date
3	422m NW	Site Address: 2a, Ivy Arch Road, WORTHING, West Sussex, BN14 8BX	Type of Site: Metal Recycling Unit (Conversion) Planning application reference: 09/0163/FULL Description: Scheme comprises change of use from furniture outlet to metal recycling unit, no motor trade (county matters application). An application (ref: 09/0163/FULL) for detailed planning permission was submitted to Worthing B.C. Data source: Historic Planning Application Data Type: Point	-

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	0

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	7

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 41 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
1	220m NE	Worthing Hospital Lyndhurst Road Worthing West Sussex Bn11 2dh	EPR/RF0434JL/A001	Treating waste exemption	Non-agricultural waste only	Sorting and de-naturing of controlled drugs for disposal
2	326m NW	-	WEX439161	Treating waste exemption	Not on a farm	Aerobic composting and associated prior treatment
A	441m NE	1b, Thurlow Road, Worthing, Bn11 2jb	WEX184798	Using waste exemption	Not on a farm	Use of waste in construction
A	441m NE	1b, Thurlow Road, Worthing, Bn11 2jb	WEX184798	Using waste exemption	Not on a farm	Use of waste derived biodiesel as fuel
A	441m NE	1b, Thurlow Road, Worthing, Bn11 2jb	WEX184798	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
A	441m NE	1b, Thurlow Road, Worthing, Bn11 2jb	WEX184798	Storing waste exemption	Not on a farm	Storage of waste in a secure place
4	465m N	7 King Edward Close Worthing West Sussex Bn14 8dj	EPR/HF0506XH/A001	Treating waste exemption	Non-agricultural waste only	Manual treatment of waste

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



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Site Outline

Search buffers in metres (m)

Recent industrial land uses

Control of Major Accident Hazards

Hazardous substance storage/usage

Licensed pollutant release (Part A(2)/B)

Licensed Discharges to controlled waters

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	20

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Company	Address	Activity	Category
1	32m W	Ashes with Art	81, High Street, Worthing Central, Worthing, West Sussex, BN11 1DN	Jewellery, Gems, Clocks and Watches	Consumer Products
A	67m N	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities
A	71m N	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
A	79m N	A B B	Chandlers Yard 24, Upper High Street, Worthing Central, Worthing, West Sussex, BN11 1DL	Electronic Equipment	Industrial Products
C	101m W	You First Chairs	25-29, North Street, Worthing Central, Worthing, West Sussex, BN11 1DU	Disability and Mobility Equipment	Consumer Products
C	120m W	Francis Tate Marbleworks	22, North Street, Worthing Central, Worthing, West Sussex, BN11 1DU	Stone Quarrying and Preparation	Extractive Industries
3	126m SW	Gas Governor	West Sussex, BN11	Gas Features	Infrastructure and Facilities
D	129m NE	Electricity Sub Stations	West Sussex, BN11	Electrical Features	Infrastructure and Facilities
C	144m W	Lemo	12-20, North Street, Worthing Central, Worthing, West Sussex, BN11 1DU	Electrical Components	Industrial Products
D	164m NE	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities
C	168m W	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities
4	201m S	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities
5	212m N	Worthing Auto Electrics	153, Park Road, Worthing Central, Worthing, West Sussex, BN11 2AL	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	217m S	Chambers Media Ltd	Chatsworth House, Chatsworth Road, Worthing, West Sussex, BN11 1LY	Published Goods	Industrial Products
E	226m S	M P S Group	Jungle Nightclub 31, Chatsworth Road, Worthing Central, Worthing, West Sussex, BN11 1LY	Food and Beverage Industry Machinery	Industrial Products
E	226m S	Worthing Herald	Cannon House, Chatsworth Road, Worthing Central, Worthing, West Sussex, BN11	Published Goods	Industrial Products
E	226m S	Worthing & District Advertiser	Cannon House, Chatsworth Road, Worthing Central, Worthing, West Sussex, BN11	Published Goods	Industrial Products
6	227m S	Chimney	West Sussex, BN11	Chimneys	Industrial Features
7	229m NE	Worthing Hospital	Worthing Hospital, Lyndhurst Road, Worthing, West Sussex, BN11 2DH	Accident and Emergency Hospitals	Health Practitioners and Establishments
E	242m S	Electricity Sub Station	West Sussex, BN11	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 National Geographic Database (NGD) - Current or recent tanks

Records within 250m	0

Current or recent tanks identified from the Ordnance Survey NGD.

This data is sourced from Ordnance Survey.

4.3 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.4 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.5 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.6 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.7 Control of Major Accident Hazards (COMAH)

Records within 500m	**1**

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Company	Address	Operational status	Tier
B	67m SE	British Gas	British Gas, Park Road, Worthing, BN11 2AN	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.8 Regulated explosive sites

Records within 500m	**0**

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.9 Hazardous substance storage/usage

Records within 500m	**1**

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Details	
B	148m SE	Application reference number: 00/00339/HAZ Application status: Approved Application date: 12/04/2000 Address: Transco PLC, Worthing Holder Station, Park Road, Worthing, West Sussex, England, BN11 2AN	Details: Storage of natural gas. Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.10 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.12 Licensed pollutant release (Part A(2)/B)

Records within 500m	2

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Address	Details	
C	156m SW	Caffyns Plc, 16 - 20 North St, Worthing, BN11 1DU	Process: Respraying of Road Vehicles Status: Surrendered Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
8	265m SE	Js Arnold Ltd, 41 Park Rd, Worthing, BN11 2AS	Process: Respraying of Road Vehicles Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.13 Radioactive Substance Authorisations

Records within 500m	0

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Licensed Discharges to controlled waters

Records within 500m	3

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Address	Details	
F	423m N	IVYARCHROADWPSWORTHING,IVYARCHROADWPS,IVYARCHROAD,WORTHING,WESTSUSSEX,BN148BX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A01479 Permit Version: 1 Receiving Water: TRIB OF TEVILLE STREAM	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 10/09/2007 Effective Date: 10/09/2007 Revocation Date: -
F	430m N	IVYARCHROADPS,IVYARCHROADPS,WORTHING,SUSSEX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00960 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 23/07/2001 Effective Date: 23/07/2001 Revocation Date: 20/08/2001
F	430m N	IVYARCHROADPS,IVYARCHROADPS,WORTHING,SUSSEX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00960 Permit Version: 2 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 20/08/2001 Effective Date: 20/08/2001 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to surface waters (Red List)

Records within 500m	0

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 List 2 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution Incidents (EA/NRW)

Records within 500m	6

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 44 >**

ID	Location	Details	
2	77m NW	Incident Date: 05/07/2001 Incident Identification: 13935 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
9	331m E	Incident Date: 18/07/2002 Incident Identification: 92647 Pollutant: Specific Waste Materials Pollutant Description: Other Specific Waste Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

ID	Location	Details	
10	364m W	Incident Date: 07/07/2003 Incident Identification: 171538 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
11	444m SW	Incident Date: 18/06/2001 Incident Identification: 9973 Pollutant: Inert Materials and Wastes Pollutant Description: Other Inert Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
G	481m N	Incident Date: 04/06/2002 Incident Identification: 82736 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
G	481m N	Incident Date: 04/06/2002 Incident Identification: 82736 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.20 Pollution inventory substances

Records within 500m	**0**

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.21 Pollution inventory waste transfers

Records within 500m	**0**

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

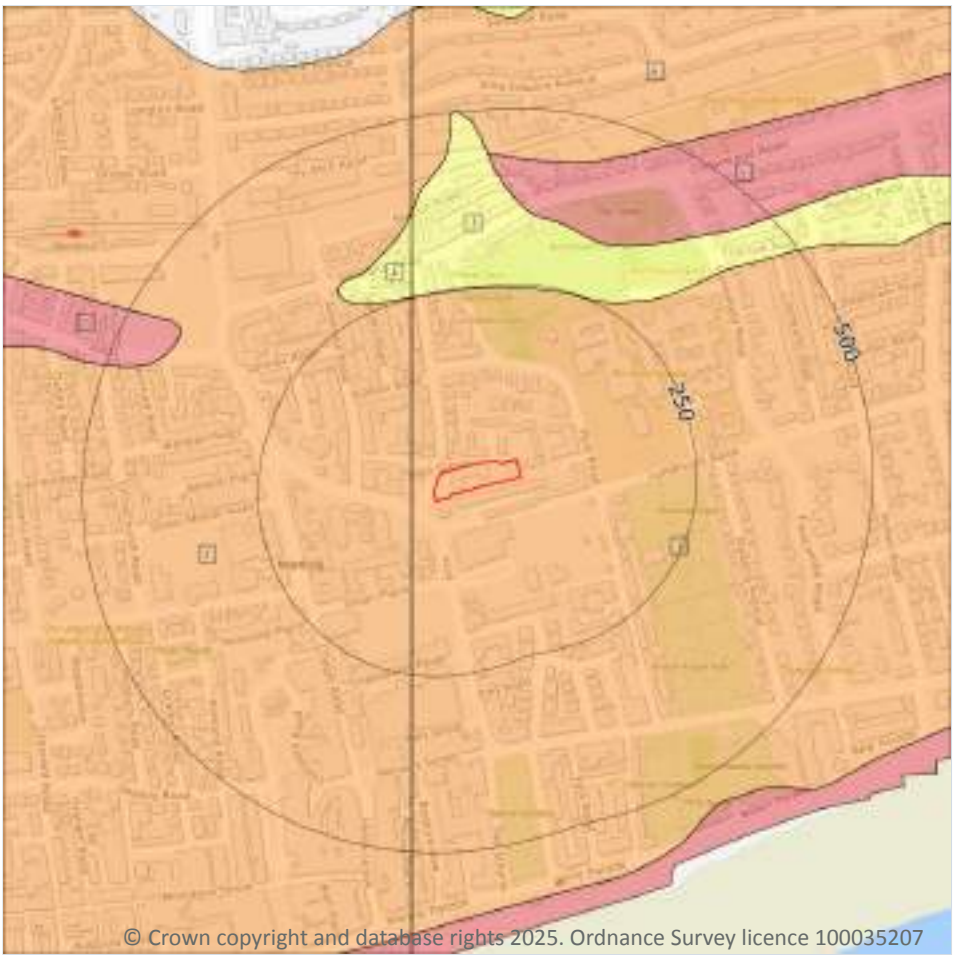
4.22 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m **7**

Aquifer status of groundwater held within superficial geology.

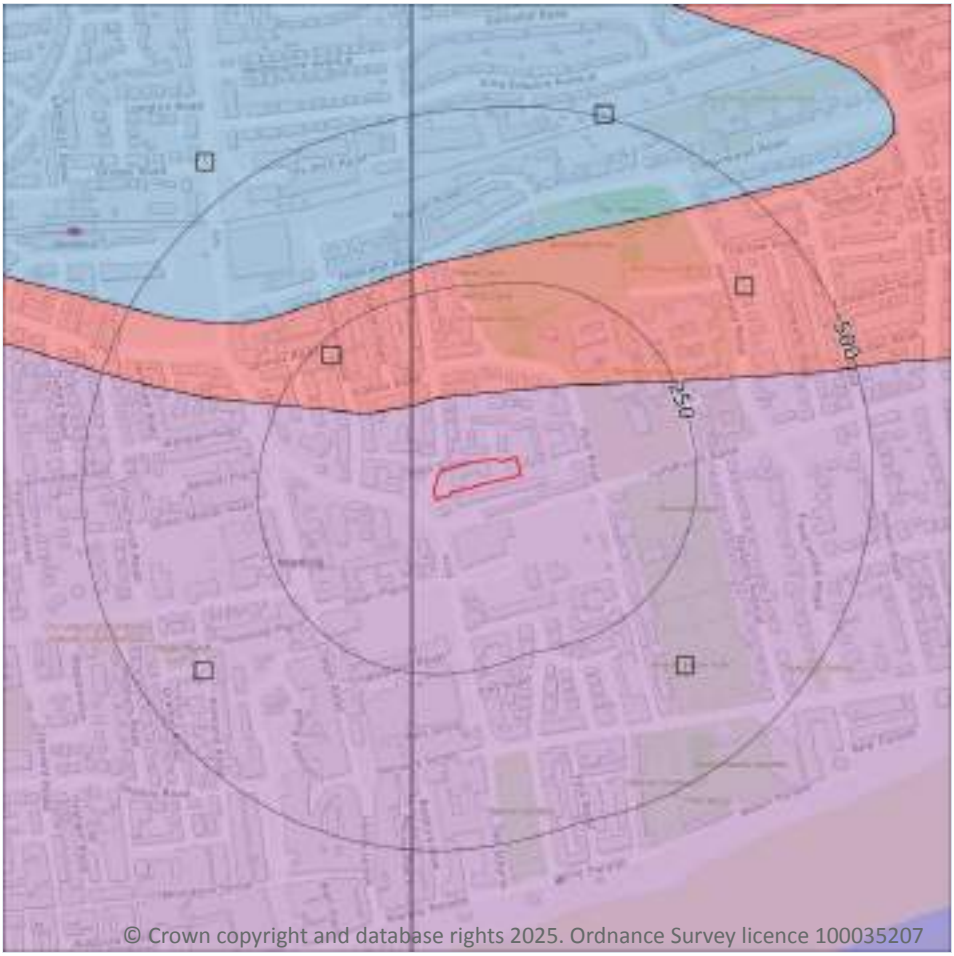
Features are displayed on the Hydrogeology map on **page 53 >**

ID	Location	Designation	Description
1	**On site**	**Secondary B**	**Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers**
2	32m W	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers

ID	Location	Designation	Description
3	245m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	252m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
5	331m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
6	368m N	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons and weathering. These are generally the water-bearing parts of the former non-aquifers
7	419m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive

5.2 Bedrock aquifer

Records within 500m	6

Aquifer status of groundwater held within bedrock geology.

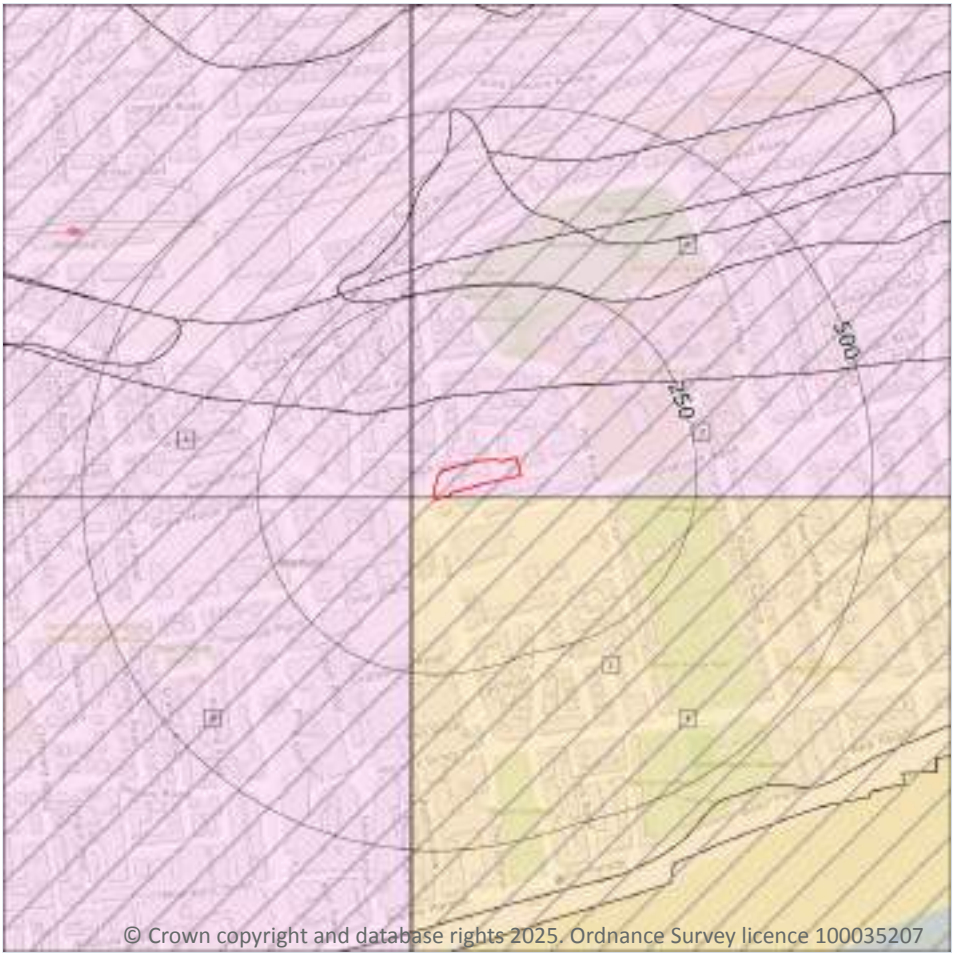
Features are displayed on the Bedrock aquifer map on **page 55 >**

ID	Location	Designation	Description
1	**On site**	**Principal**	**Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers**
2	32m W	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

ID	Location	Designation	Description
3	94m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	102m NW	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	284m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
6	287m N	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

- Principal superficial aquifer, high vulnerability
- Secondary superficial aquifer, high vulnerability
- Principal superficial aquifer, medium vulnerability
- Secondary superficial aquifer, medium vulnerability
- Principal superficial aquifer, low vulnerability
- Secondary superficial aquifer, low vulnerability

Bedrock vulnerability

- Principal bedrock aquifer, high vulnerability
- Secondary bedrock aquifer, high vulnerability
- Principal bedrock aquifer, medium vulnerability
- Secondary bedrock aquifer, medium vulnerability
- Principal bedrock aquifer, low vulnerability
- Secondary bedrock aquifer, low vulnerability

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	4

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 57 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: <300mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: No Data**	**Vulnerability: Medium Aquifer type: Principal Flow mechanism: Well connected fractures**
2	**On site**	**Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium**	**Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures**
4	32m W	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
B	33m W	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: 300-550mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	**2**

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
3	**Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.**	**43.0%**

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
A	**Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.**	**18.0%**

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site	**0**

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones



Site Outline

Search buffers in metres (m)

- Source Protection Zone 1 — Inner catchment
- Source Protection Zone 2 — Outer catchment
- Source Protection Zone 3 — Total catchment
- Source Protection Zone 4 — Zone of Special Interest
- Source Protection Zone 1c — Inner catchment - confined aquifer
- Source Protection Zone 2c — Outer catchment - confined aquifer
- Source Protection Zone 3c — Total catchment - confined aquifer
- Drinking water abstraction licences
- Drinking water abstraction licences — Polygon features
- Drinking water abstraction licences — Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m	7

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 60 >**

ID	Location	Details	
A	650m NW	Status: Active Licence No: SO/041/0022/018 Details: Dewatering Direct Source: Southern Region Groundwater Point: POINT B UNDERGROUND DRAINAGE CHANNELS AT WORTHING STATION Data Type: Point Name: Network Rail Limited (Southern Route) Easting: 514490 Northing: 103380	Annual Volume (m^3): 18300 Max Daily Volume (m^3): 50 Original Application No: NPS/NA/001728 Original Start Date: 24/03/2022 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 24/03/2022 Version End Date: -
A	654m NW	Status: Active Licence No: SO/041/0022/018 Details: Dewatering Direct Source: Southern Region Groundwater Point: POINT A UNDERGROUND DRAINAGE CHANNELS AT WORTHING STATION Data Type: Point Name: Network Rail Limited (Southern Route) Easting: 514487 Northing: 103384	Annual Volume (m^3): 18300 Max Daily Volume (m^3): 50 Original Application No: NPS/NA/001728 Original Start Date: 24/03/2022 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 24/03/2022 Version End Date: -
-	1483m N	Status: Historical Licence No: 10/41/310211 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Southern Region Groundwater Point: PENFOLD ROAD DAIRY Data Type: Point Name: Unigate Finance Company Ltd Easting: 515190 Northing: 104540	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 102 Version Start Date: 01/01/2003 Version End Date: -
-	1575m N	Status: Active Licence No: 10/41/310210 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 2 (SUSSEX) Data Type: Point Name: Southern Water Services Ltd Easting: 515510 Northing: 104590	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 111000 Original Application No: WR.0611 Original Start Date: 01/04/1969 Expiry Date: - Issue No: 101 Version Start Date: 11/12/2009 Version End Date: -

ID	Location	Details	
-	1575m N	Status: Historical Licence No: 10/41/310210 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 2 (SUSSEX) Data Type: Point Name: Southern Water Services Plc Easting: 515510 Northing: 104590	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 114000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 08/06/2009 Version End Date: -
-	1576m N	Status: Active Licence No: 10/41/310210 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 1 (SUSSEX) Data Type: Point Name: Southern Water Services Ltd Easting: 515350 Northing: 104620	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 111000 Original Application No: WR.0611 Original Start Date: 01/04/1969 Expiry Date: - Issue No: 101 Version Start Date: 11/12/2009 Version End Date: -
-	1576m N	Status: Historical Licence No: 10/41/310210 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 1 (SUSSEX) Data Type: Point Name: Southern Water Services Plc Easting: 515350 Northing: 104620	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 114000 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 08/06/2009 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	**0**

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	2

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 60 >**

ID	Location	Details	
-	1575m N	Status: Active Licence No: 10/41/310210 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 2 (SUSSEX) Data Type: Point Name: Southern Water Services Ltd Easting: 515510 Northing: 104590	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 111000 Original Application No: WR.0611 Original Start Date: 01/04/1969 Expiry Date: - Issue No: 101 Version Start Date: 11/12/2009 Version End Date: -
-	1576m N	Status: Active Licence No: 10/41/310210 Details: Potable Water Supply - Direct Direct Source: Southern Region Groundwater Point: NORTHBROOK PS POINT 1 (SUSSEX) Data Type: Point Name: Southern Water Services Ltd Easting: 515350 Northing: 104620	Annual Volume (m^3): 26000000 Max Daily Volume (m^3): 111000 Original Application No: WR.0611 Original Start Date: 01/04/1969 Expiry Date: - Issue No: 101 Version Start Date: 11/12/2009 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

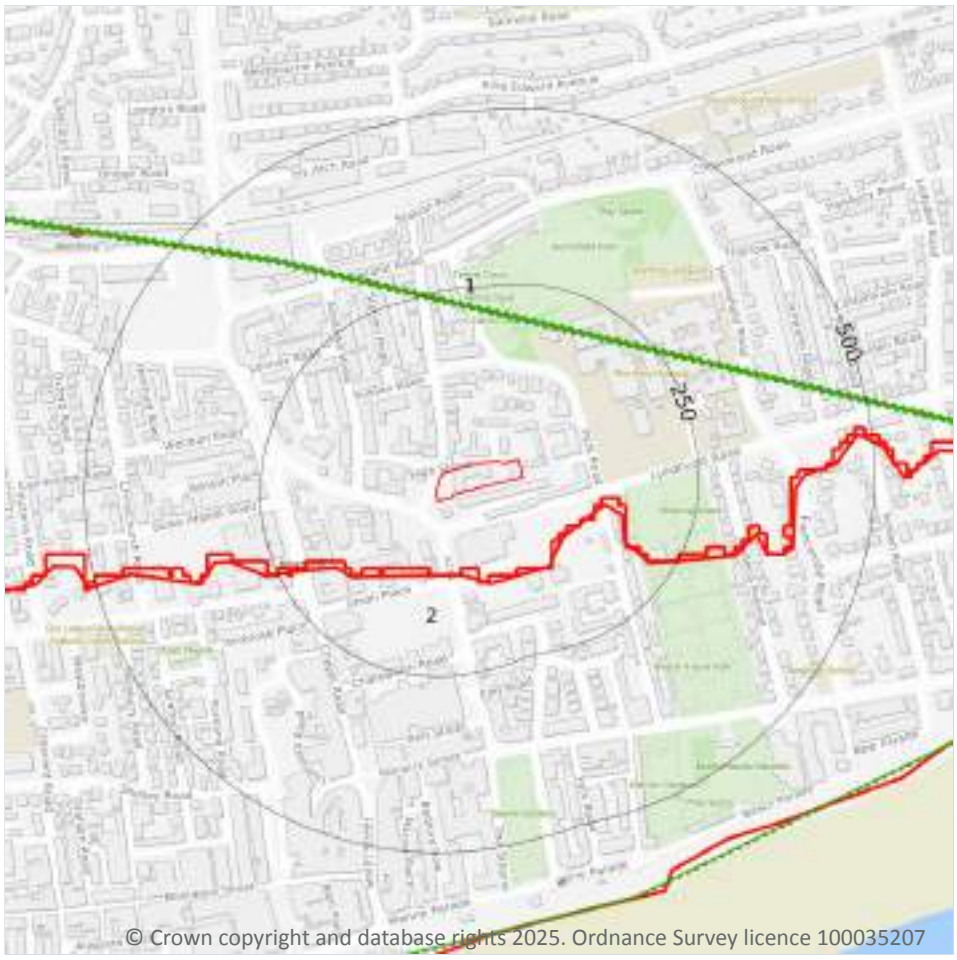
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



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Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	0

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	0

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 64 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River**	**Teville Stream**	**GB107041011940**	**Teville**	**Adur and Ouse**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	1

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 64 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	1210m NE	River	Teville Stream	GB107041011940 ↗	Bad	Fail	Bad	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 64 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	**On site**	**Littlehampton Anticline East**	**GB40701G503400** ↗	**Poor**	**Good**	**Poor**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

High

Medium

Low

Very Low

Historical Flood Events

Areas Used for Flood Storage

Areas Benefiting from Flood Defences

Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	2

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 67 >**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
1	174m NE	Worthing 1980	1980-09-20 1980-09-20	Drainage	Other	Fluvial
2	229m N	Worthing 1980	1980-09-20 1980-09-20	Drainage	Other	Fluvial

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

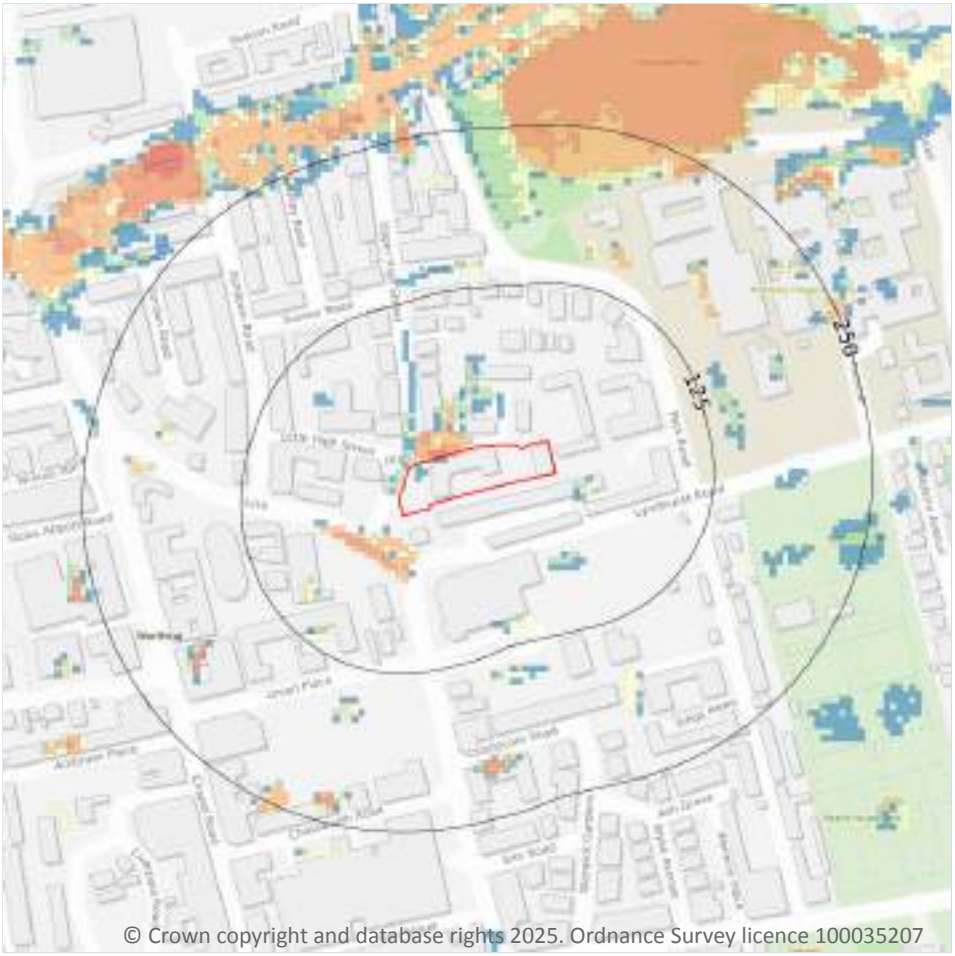
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline
Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, 0.3m - 1.0m**
Highest risk within 50m	**1 in 30 year, 0.3m - 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 71 >**

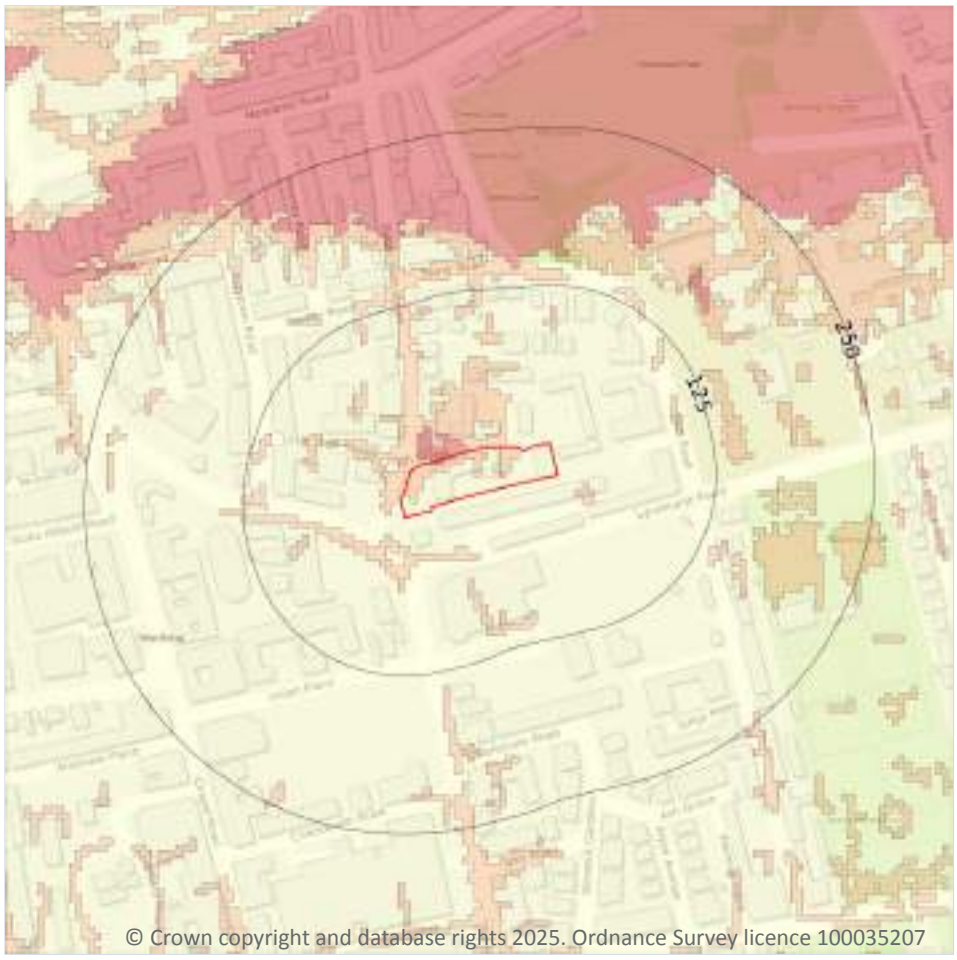
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.3m and 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.3m and 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



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Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

Highest risk on site	**High**
Highest risk within 50m	**High**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 73 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	0

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or 'classified') under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	1

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
1258m NE	Sussex Chalk	Groundwater	56	Existing

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

Not recorded

Favourable

Unfavourable - Recovering

Unfavourable - No change

Unfavourable - Declining

Partially destroyed

Destroyed

10.17 SSSI Impact Risk Zones

Records on site	1

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 78 >**

ID	Location	Type of developments requiring consultation
1	**On site**	**https://irz.geodata.org.uk/IRZ/step2.html?irzcode=0303000500000&notes=&location=514313,103699%20(IRZ%20polygon%20centre)**

This data is sourced from Natural England.

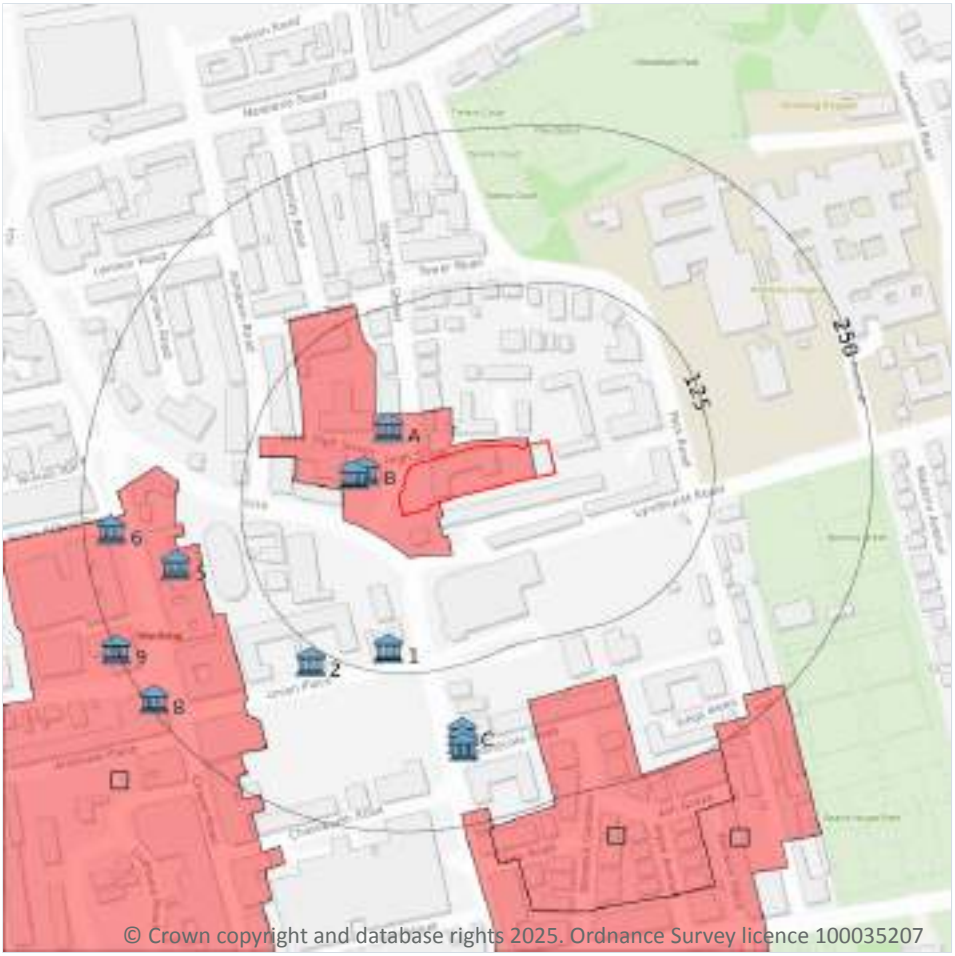
10.18 SSSI Units

Records within 2000m	0

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



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Site Outline

Search buffers in metres (m)

Listed buildings

Conservation areas

Conservation areas - no data

National Parks

Areas of Outstanding Natural Beauty

Registered parks and gardens

Scheduled Monuments

World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	12

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 80 >**

ID	Location	Name	Grade	Reference Number	Listed date
B	33m W	The Swan Inn	II	1250307	21/05/1976
A	36m NW	The Hollies	II	1263279	21/05/1976
B	40m W	43, North Street	II	1250469	21/05/1976
1	105m S	Conservative Headquarters	II	1263175	21/05/1976
2	137m SW	Adult Education Centre (Block Fronting Union Place)	II	1263176	21/05/1976
C	177m S	44, High Street	II	1250306	21/05/1976

ID	Location	Name	Grade	Reference Number	Listed date
5	182m W	The Worthing Tabernacle	II	1250845	02/12/1988
C	183m S	42, High Street	II	1263332	21/05/1976
C	189m S	40 And 40a, High Street	II	1250305	21/05/1976
6	228m W	Worthing War Memorial	II	1447552	27/06/2017
8	244m SW	St Paul's War Memorial, Worthing	II	1452981	25/01/2018
9	250m SW	Former Worthing Library, Museum And Art Gallery	II	1429753	17/03/2016

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	**4**

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 80 >**

ID	Location	Name	District	Date of designation
A	**On site**	**Little High Street**	**Worthing**	**29/04/1997**
3	161m SW	Chapel Road	Worthing	14/03/1997
4	167m S	Warwick Gardens	Worthing	1985
7	230m SE	Steyne Gardens	Worthing	14/03/2000

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	**0**

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	1

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 84 >**

ID	Location	Classification	Description
1	**On site**	**Urban**	**Non-agricultural/no quality assigned**

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	0

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	0

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m	0

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	0

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

Full coverage

Partial coverage

No coverage

14.1 10k Availability

Records within 500m **2**

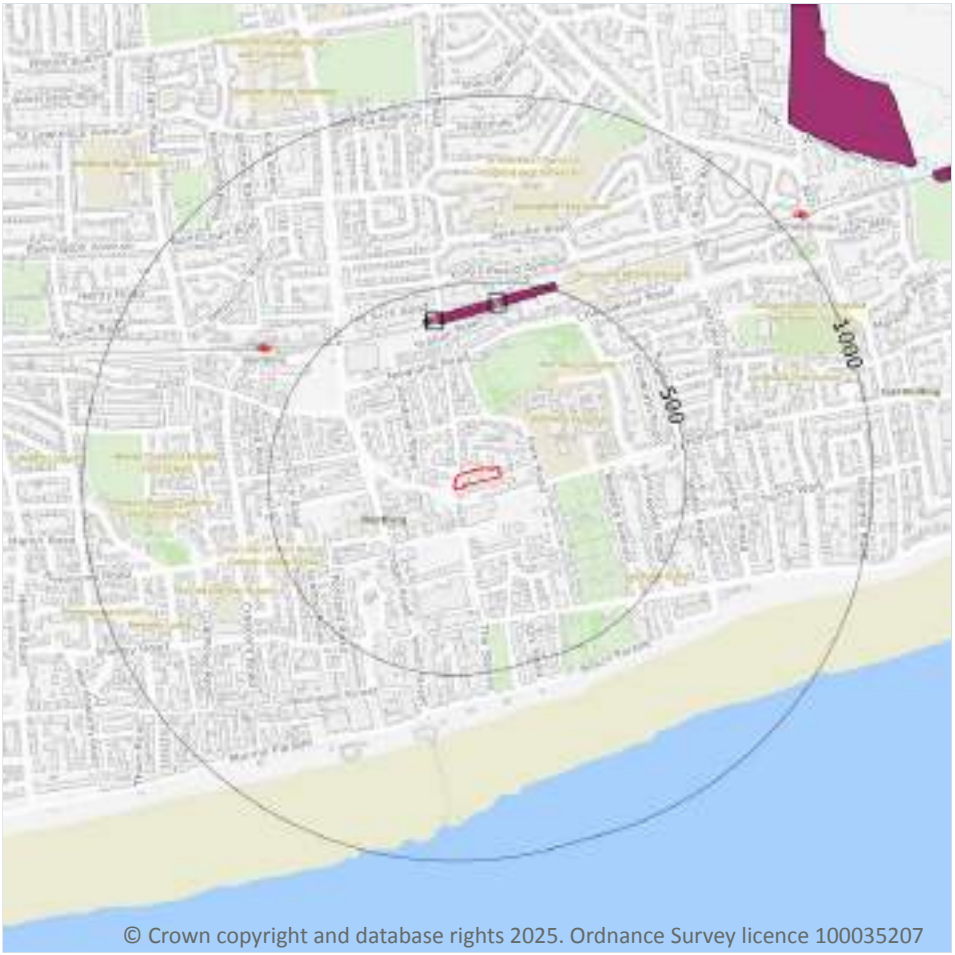
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 87 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**TQ10SE**
2	32m W	Full	Full	Full	No coverage	TQ10SW

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	2

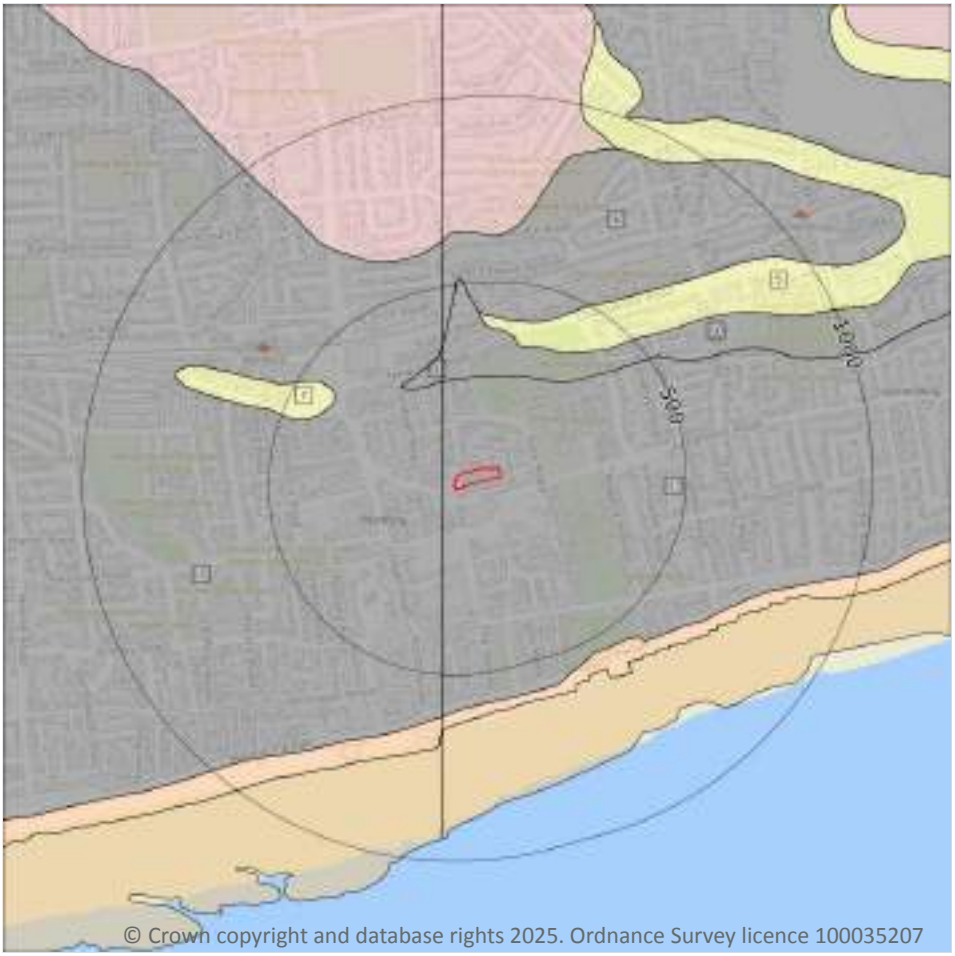
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 88 >**

ID	Location	LEX Code	Description	Rock description
1	401m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	401m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m **7**

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 89 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**BRK-XSZC**	**Brickearth - Sand, Silt And Clay**	**Sand, Silt And Clay**
2	32m W	BRK-XSZC	Brickearth - Sand, Silt And Clay	Sand, Silt And Clay
3	246m N	ALV-CZ	Alluvium - Silty Clay	Clay, Silty
4	251m N	ALV-CZ	Alluvium - Silty Clay	Clay, Silty

ID	Location	LEX Code	Description	Rock description
5	332m N	RBDU-XSV	Raised Beach Deposits - Sand And Gravel	Sand And Gravel
6	347m N	BRK-XSZC	Brickearth - Sand, Silt And Clay	Sand, Silt And Clay
7	386m NW	RBDU-XSV	Raised Beach Deposits - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

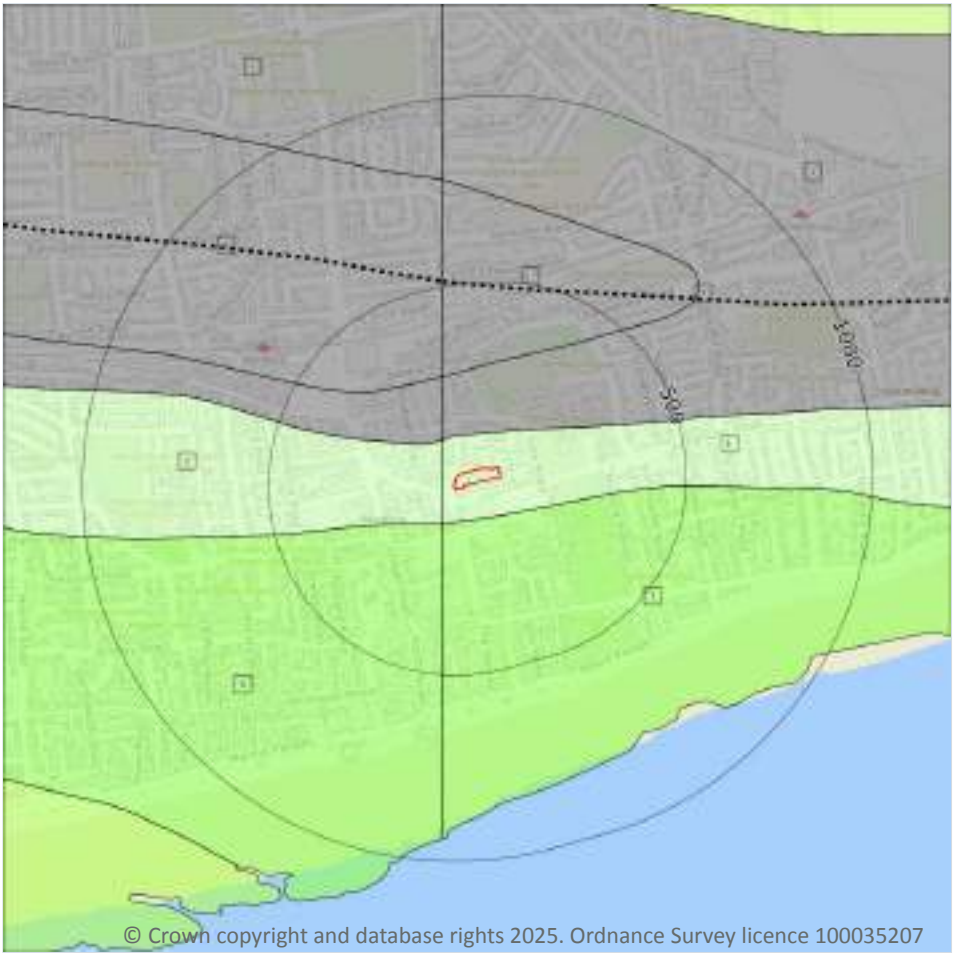
14.4 Landslip (10k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m **8**

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 91 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**SECK-CHLK**	**Seaford Chalk Formation - Chalk**	**Santonian Age - Coniacian Age**
2	32m W	SECK-CHLK	Seaford Chalk Formation - Chalk	Santonian Age - Coniacian Age
3	87m S	LECH-CHLK	Lewes Nodular Chalk Formation - Chalk	Coniacian Age - Turonian Age
4	94m N	WRB-CLAY	Woolwich And Reading Beds Formation - Clay	Paleocene Epoch

ID	Location	LEX Code	Description	Rock age
5	100m S	LECH-CHLK	Lewes Nodular Chalk Formation - Chalk	Coniacian Age - Turonian Age
6	102m NW	WRB-CLAY	Woolwich And Reading Beds Formation - Clay	Paleocene Epoch
7	264m N	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch
8	264m N	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**1**

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 91 >**

ID	Location	Category	Description
9	484m N	FOLD_AXIS	Axial plane trace of major syncline

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	2

An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 93 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW318_333_brighton_and_worthing_v4**
2	61m N	Full	Full	Full	Full	EW318_333_brighton_and_worthing_v4

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground

15.2 Artificial and made ground (50k)

Records within 500m	0

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



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Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m **4**

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 95 >**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**RTDU-XSZC**	**RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)**	**SAND, SILT AND CLAY**
2	245m N	ALV-XCZSP	ALLUVIUM	CLAY, SILT, SAND AND PEAT
3	331m N	RBDU-XSV	RAISED BEACH DEPOSITS	SAND AND GRAVEL
4	419m NW	RBDU-XSV	RAISED BEACH DEPOSITS	SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Intergranular**	**High**	**Low**
32m W	Intergranular	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

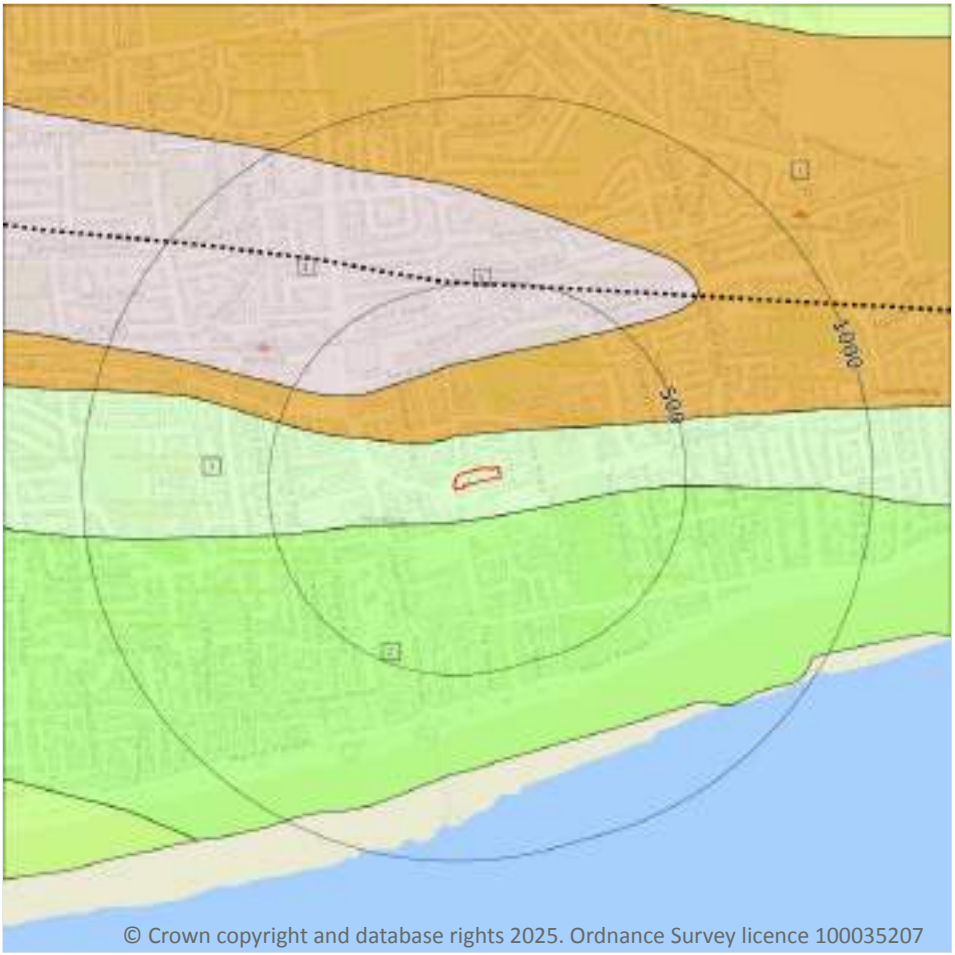
15.7 Landslip permeability (50k)

Records within 50m	**0**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



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Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **4**

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 97 >**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**SECK-CHLK**	**SEAFORD CHALK FORMATION - CHALK**	**CONIACIAN**
2	87m S	LECH-CHLK	LEWES NODULAR CHALK FORMATION - CHALK	TURONIAN
3	94m N	LMBE-XCZS	LAMBETH GROUP - CLAY, SILT AND SAND	THANETIAN
4	284m N	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**2**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Very High**	**Very High**
32m W	Fracture	Very High	Very High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**1**

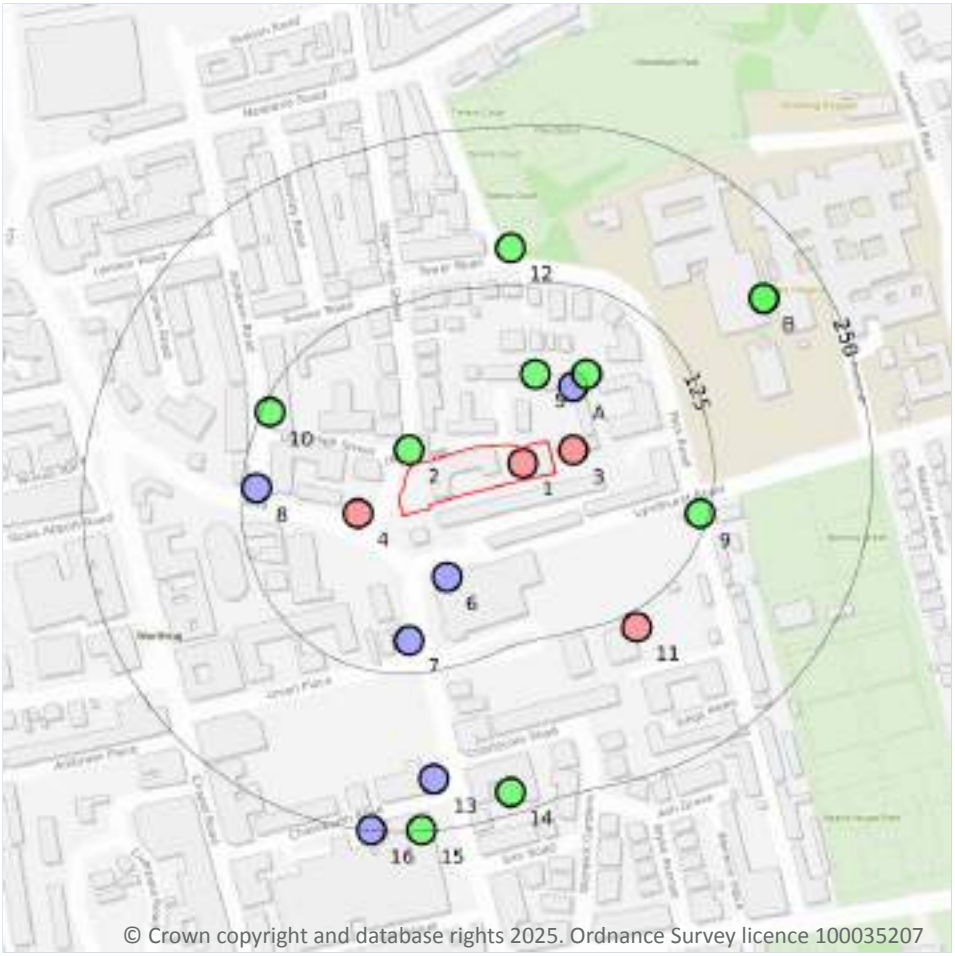
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 97 >**

ID	Location	Category	Description
5	491m N	FOLD_AXIS	Axial plane trace of major syncline

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	22

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

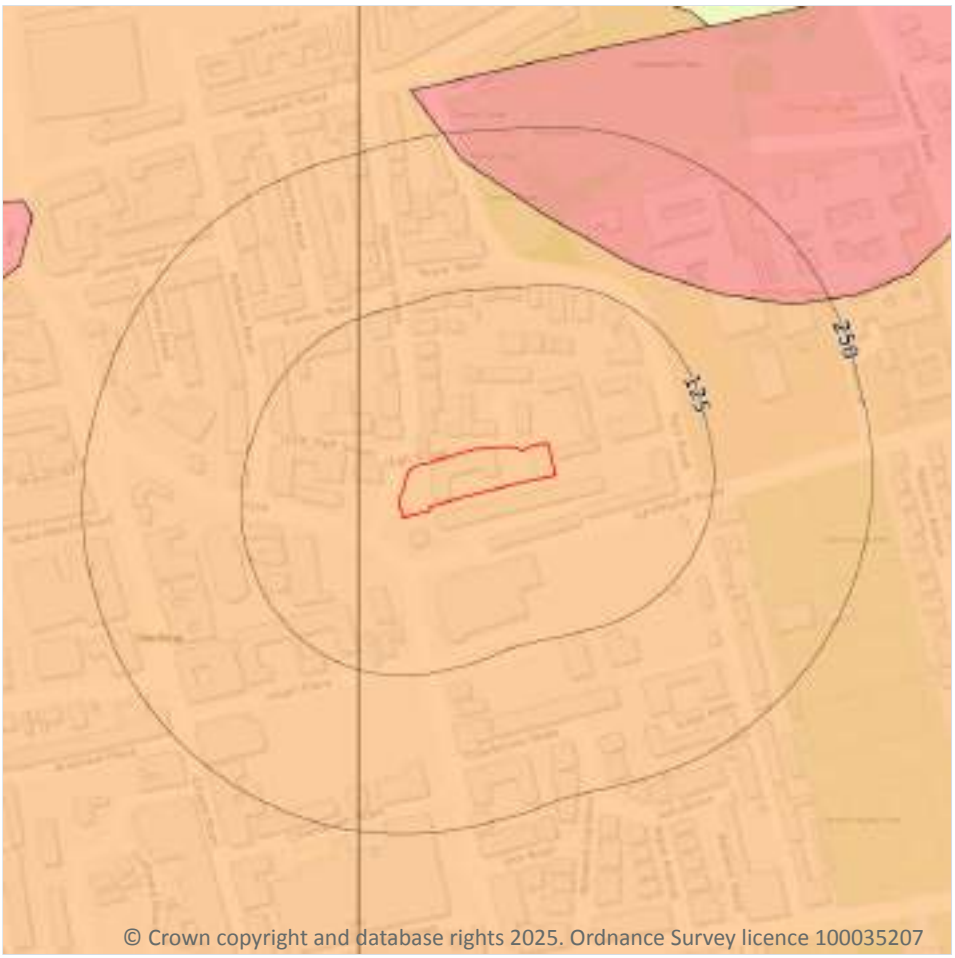
Features are displayed on the Boreholes map on **page 99 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	**On site**	**515130 103040**	**GENERATING STATION, WORTHING**	**123.14**	**N**	**578019** ↗
2	12m NW	515040 103050	BROOKLANDS EAST WORTHING 2606	10.7	N	577983 ↗
3	18m E	515170 103050	GENERATING STATION, WORTHING	97.54	N	578021 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
4	33m W	515000 103000	CHIPPENDALE HOUSE, CHESSWOOD RD, WORTHING	74.67	N	12082907 ↗
A	47m NE	515170 103100	GENERATING STATION, WORTHING	5.64	N	578022 ↗
5	54m N	515140 103110	BROOKLANDS EAST WORTHING 2607	10.7	N	577984 ↗
6	55m S	515070 102950	WORTHING BOROUGH ENGINEERS 3507	4.3	N	577912 ↗
A	61m NE	515180 103110	GENERATING STATION, WORTHING	21.95	N	578023 ↗
7	98m S	515040 102900	WORTHING BOROUGH ENGINEERS 3511	6.85	N	577916 ↗
8	113m W	514920 103020	WORTHING BOROUGH ENGINEERS 2503	6.7	N	577650 ↗
9	118m E	515270 103000	BROOKLANDS EAST WORTHING 2602	15.25	N	577979 ↗
10	119m NW	514930 103080	WORTHING BOROUGH ENGINEERS 2513	10.07	N	577660 ↗
11	138m SE	515220 102910	GAS WORKS, WORTHING	79.25	N	578028 ↗
12	155m N	515120 103210	BROOKLANDS EAST WORTHING 2603	10.68	N	577980 ↗
B	204m NE	515320 103170	WORTHING HOSPITAL BOREHOLE 1	30.0	N	18693318 ↗
B	204m NE	515320 103170	WORTHING HOSPITAL BOREHOLE 2	30.0	N	18693319 ↗
B	204m NE	515320 103170	WORTHING HOSPITAL BOREHOLE 3	30.0	N	18693320 ↗
B	204m NE	515320 103170	WORTHING HOSPITAL BOREHOLE 4	30.0	N	18693321 ↗
13	210m S	515060 102790	WORTHING BOROUGH ENGINEERS 3510	9.15	N	577915 ↗
14	232m S	515120 102780	CROWN BUILDING WORTHING (3 BORES)	12.6	N	578006 ↗
15	249m S	515050 102750	WORTHING BOROUGH ENGINEERS 3501	13.2	N	577908 ↗
16	250m S	515010 102750	WORTHING BOROUGH ENGINEERS 3505	6.1	N	577910 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	2

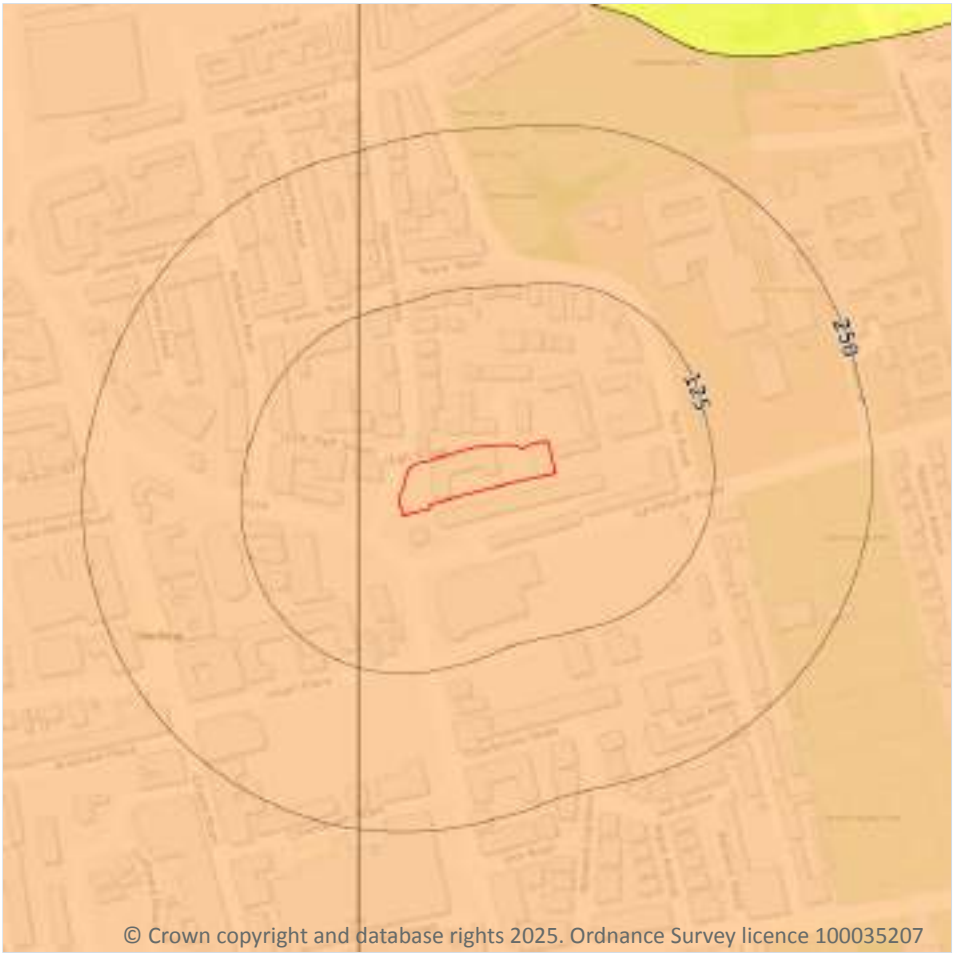
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 101 >**

Location	Hazard rating	Details
On site	**Low**	**Ground conditions predominantly medium plasticity.**
32m W	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	2

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

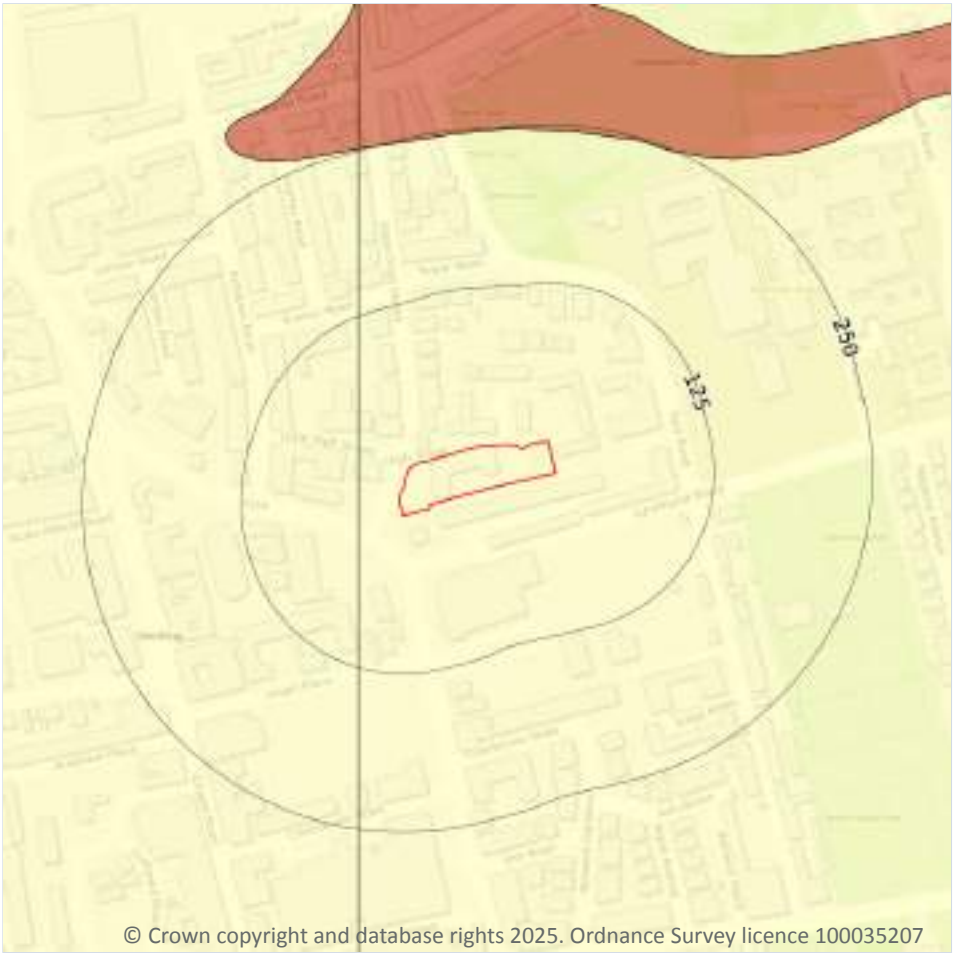
Features are displayed on the Natural ground subsidence - Running sands map on **page 102 >**

Location	Hazard rating	Details
On site	**Low**	**Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.**

Location	Hazard rating	Details
32m W	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	2

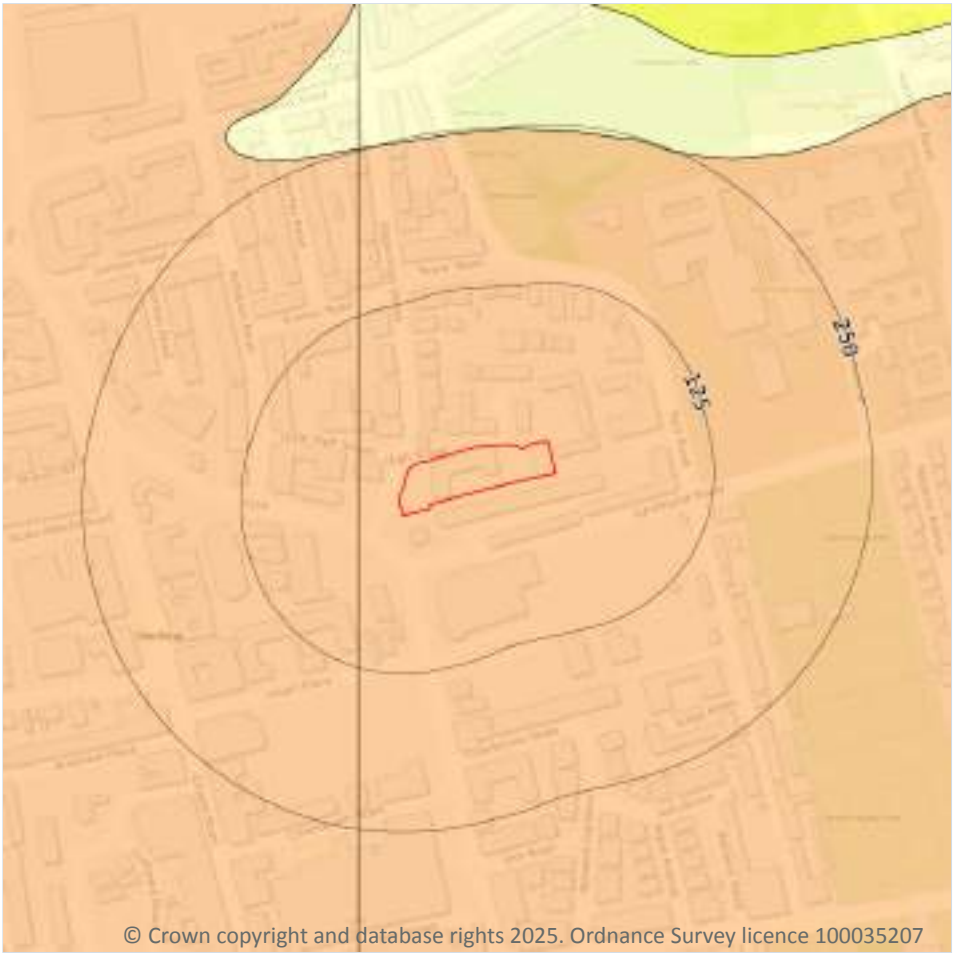
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 104 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
32m W	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



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Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	2

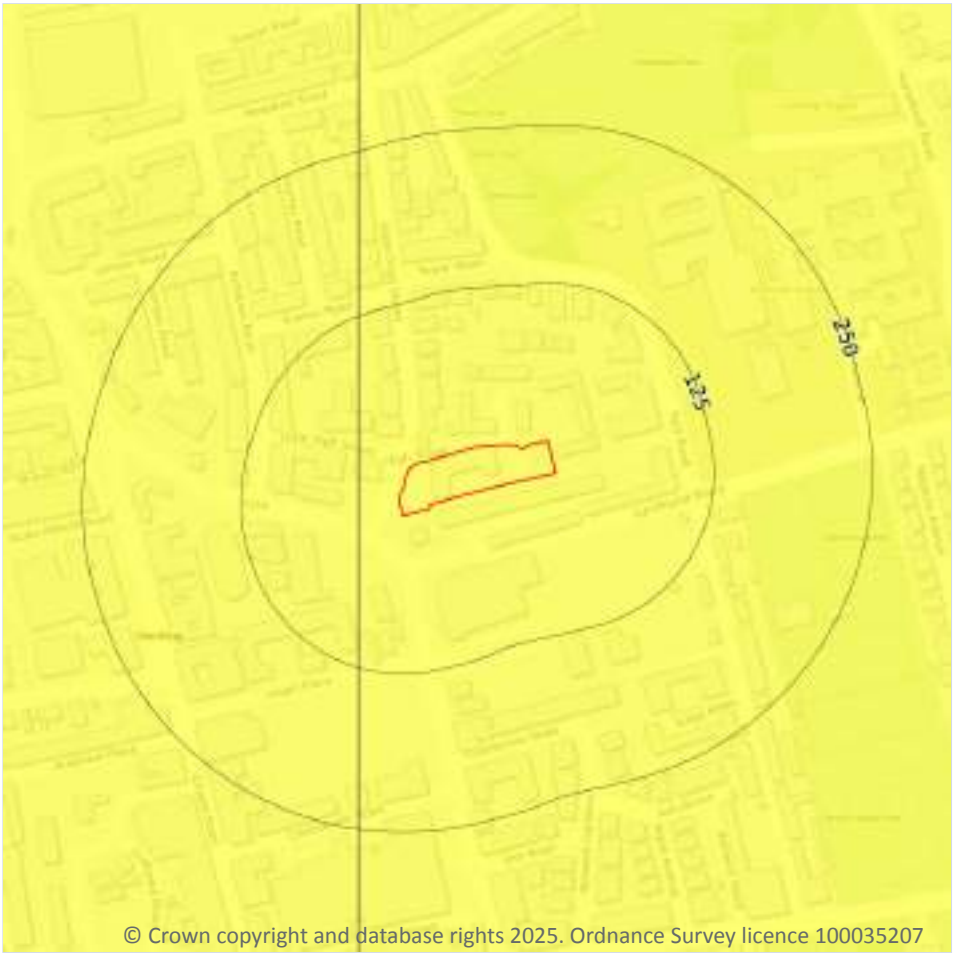
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 105 >**

Location	Hazard rating	Details
On site	**Low**	**Deposits with potential to collapse when loaded and saturated are possibly present in places.**
32m W	Low	Deposits with potential to collapse when loaded and saturated are possibly present in places.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	2

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

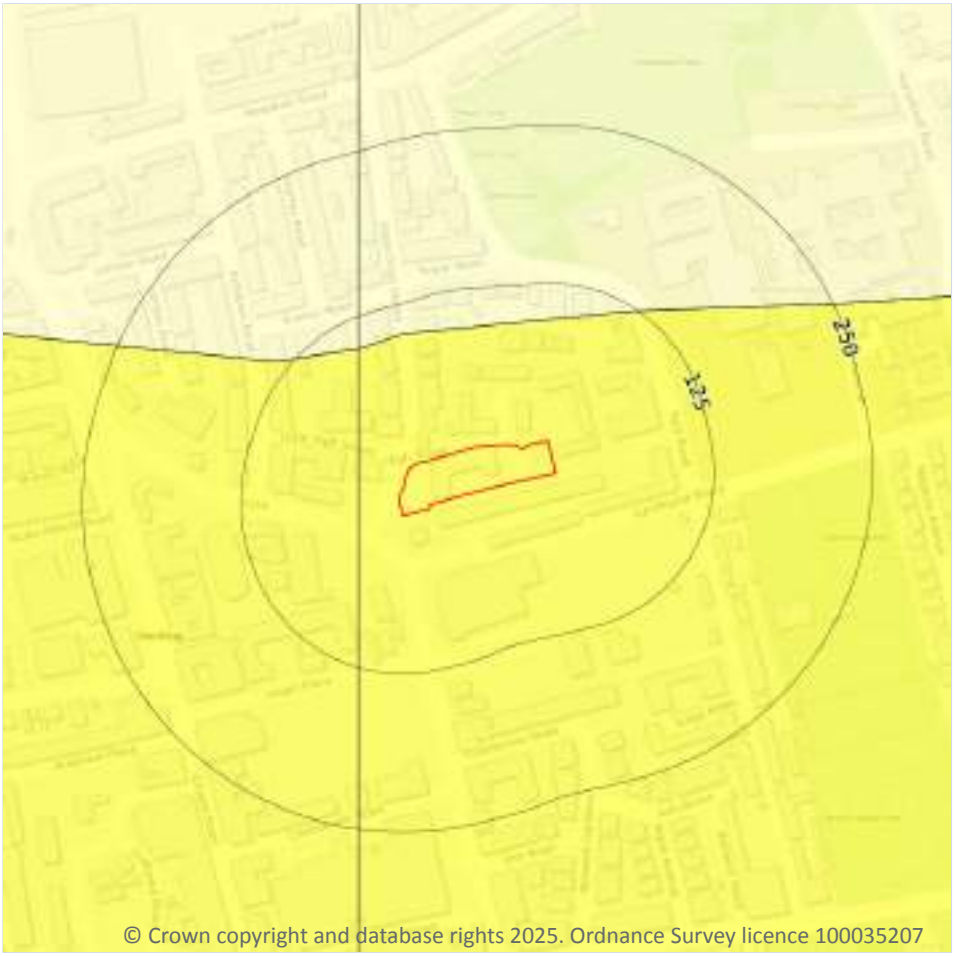
Features are displayed on the Natural ground subsidence - Landslides map on **page 106 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

Location	Hazard rating	Details
32m W	Very low	Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	2

The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 108 >**

Location	Hazard rating	Details
On site	**Very low**	**Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.**

Location	Hazard rating	Details
32m W	Very low	Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18 Mining and ground workings



Site Outline

Search buffers in metres (m)

BritPits

Surface ground workings

Underground workings

Underground mining extents

Historical mineral planning areas

TCA non-coal mining

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m	0

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m	4

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 110 >**

ID	Location	Land Use	Year of mapping	Mapping scale
3	43m N	Mortuary	1896	1:10560
A	132m NE	Mortuary	1896	1:10560
A	148m NE	Mortuary	1909	1:10560
4	249m E	Unspecified Pit	1896	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	4

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

Features are displayed on the Mining and ground workings map on **page 110 >**

ID	Location	Name	Commodity	Class	Likelihood
1	**On site**	**Not available**	**Chalk**	**A**	**Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.**
2	32m W	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
10	609m S	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
11	682m N	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	2

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

Location	Mineral type
360m SW	Unspecified
410m NW	Unspecified

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

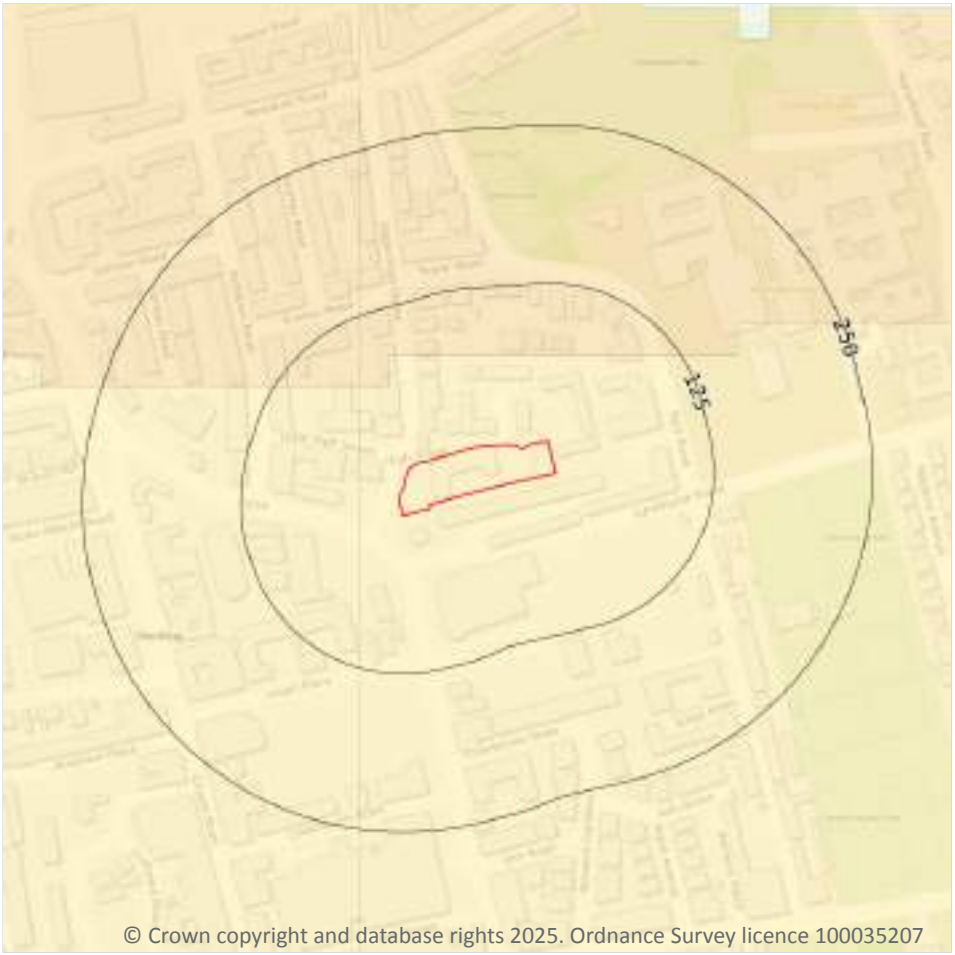
Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

20 Radon



Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 117 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Between 1% and 3%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	4

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
32m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
33m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	0

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

This data is sourced from HS2 ltd.

Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference ↗.

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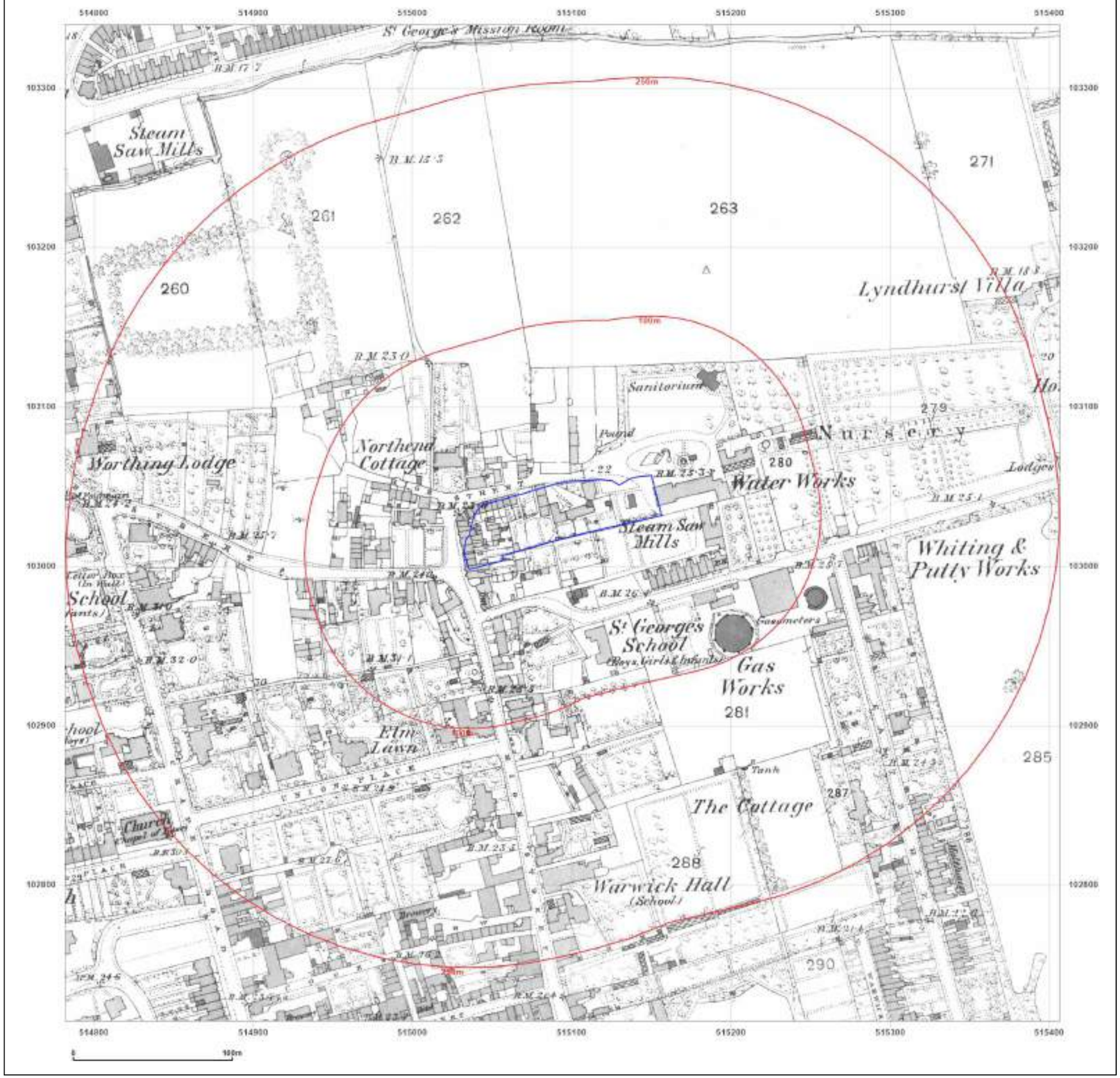

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Site Details:

Wicker & Eagle House, Worthing

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Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series
Map date: **1875**
Scale: 1:2,500
Printed at: 1:2,500

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Revised 1875
Edition N/A
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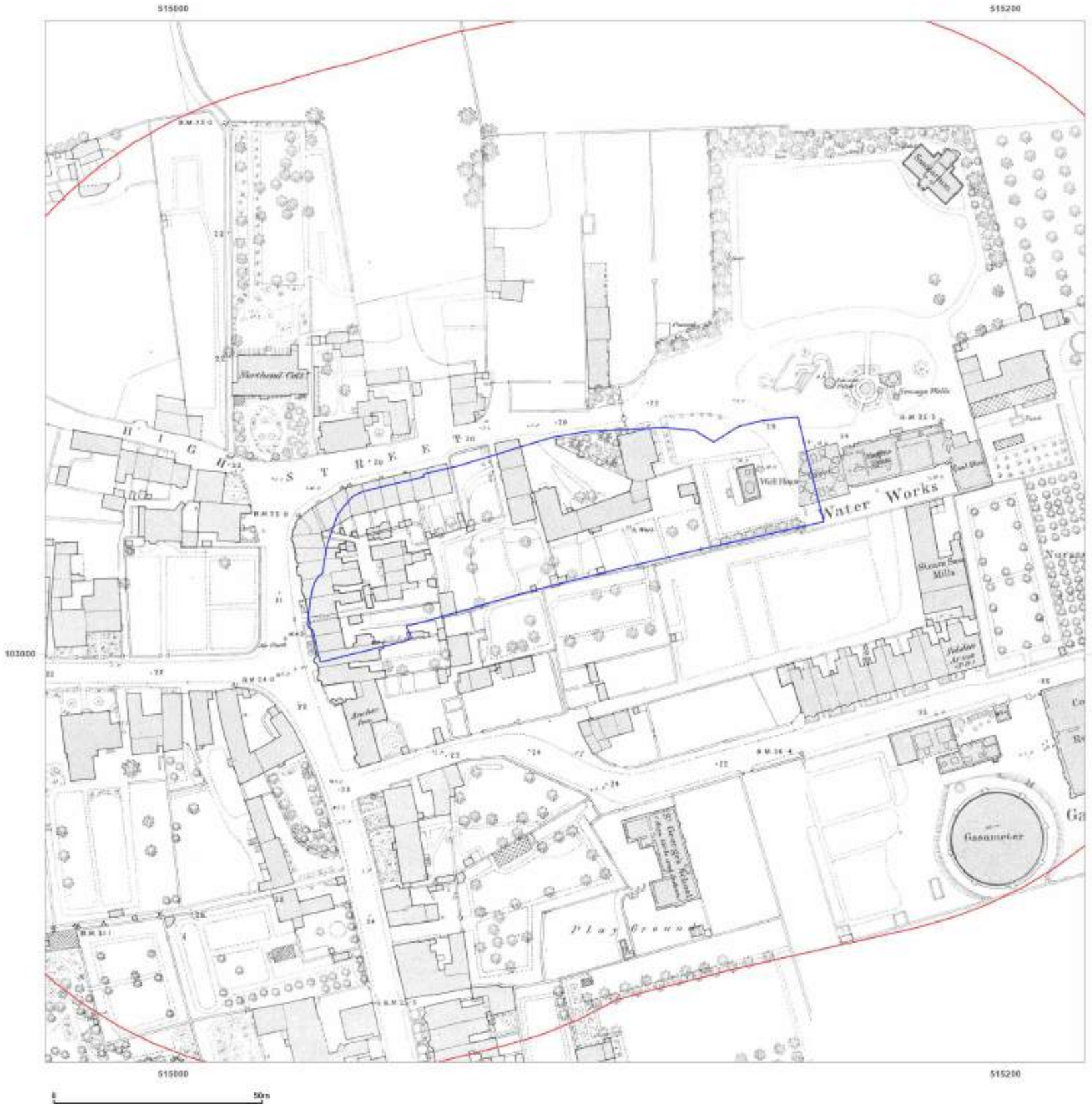

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series Town Plan

Map date: **1875**

Scale: 1:500

Printed at: 1:1,000

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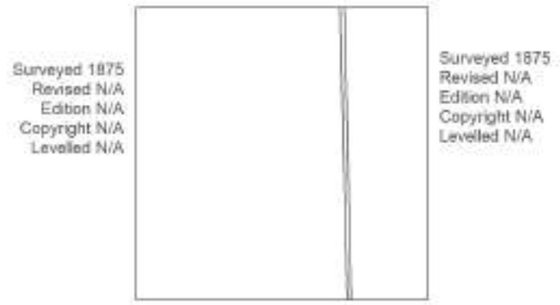

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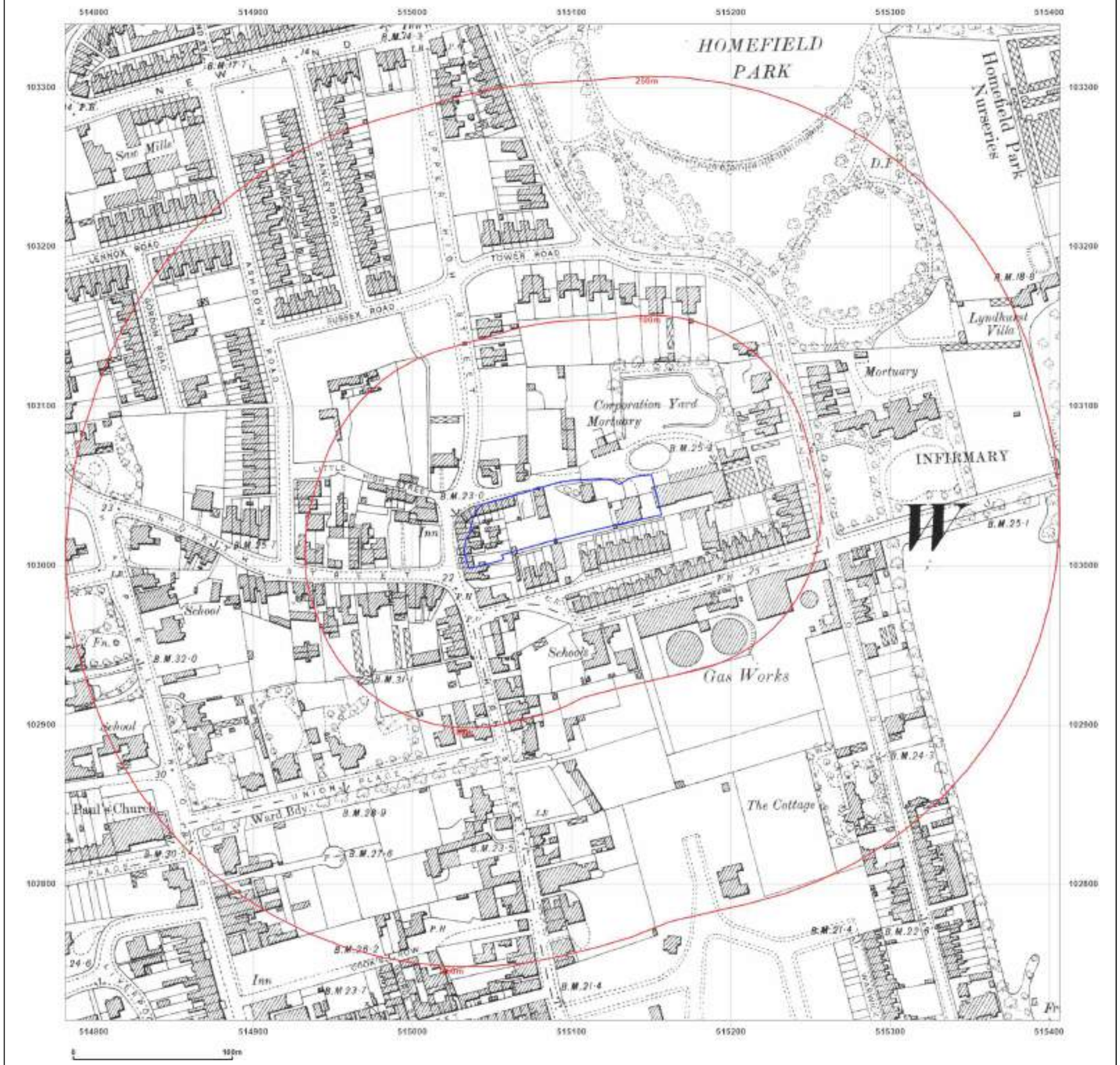

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1898**

Scale: 1:2,500

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Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1912**

Scale: 1:2,500

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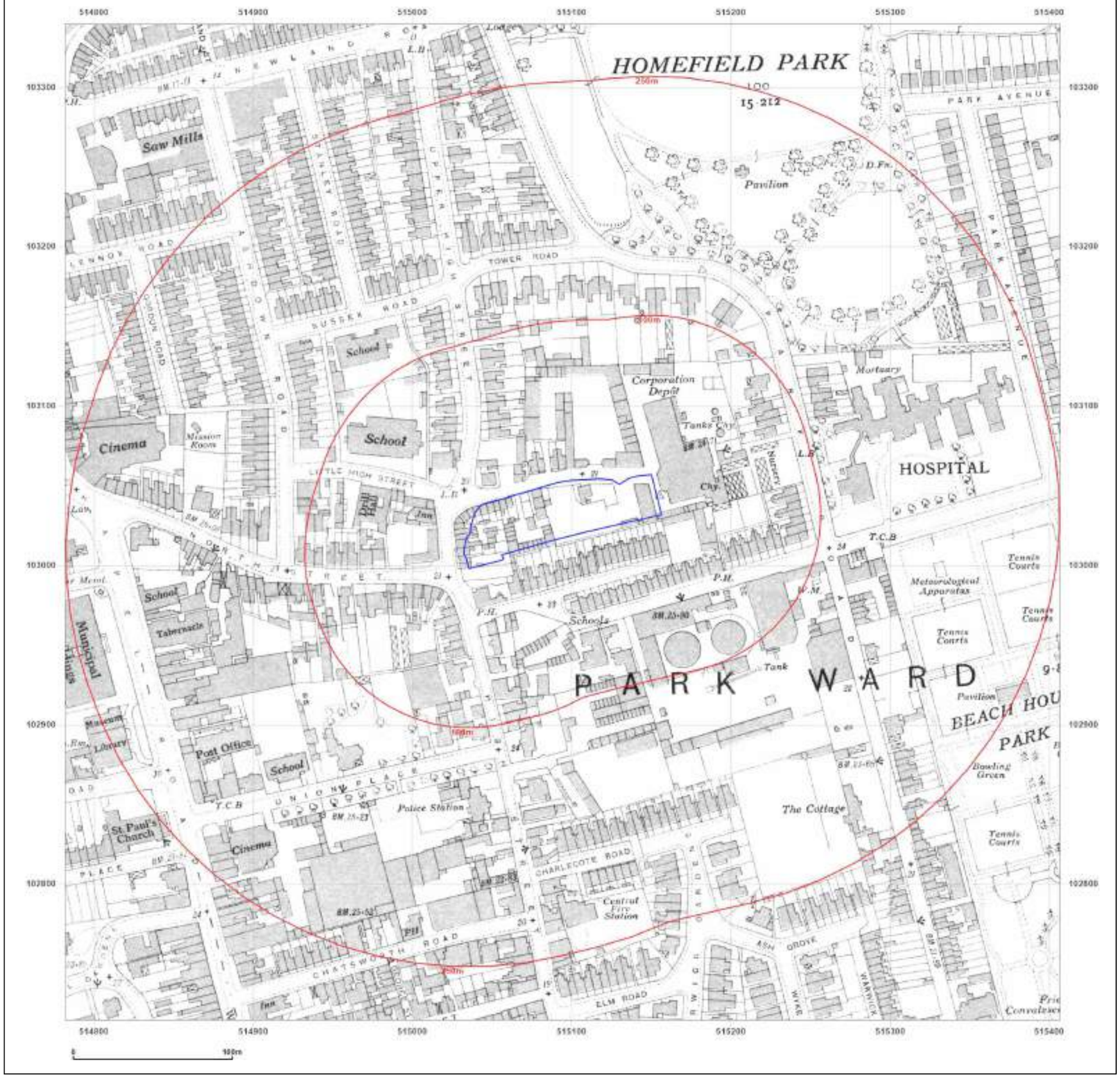

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1932**

Scale: 1:2,500

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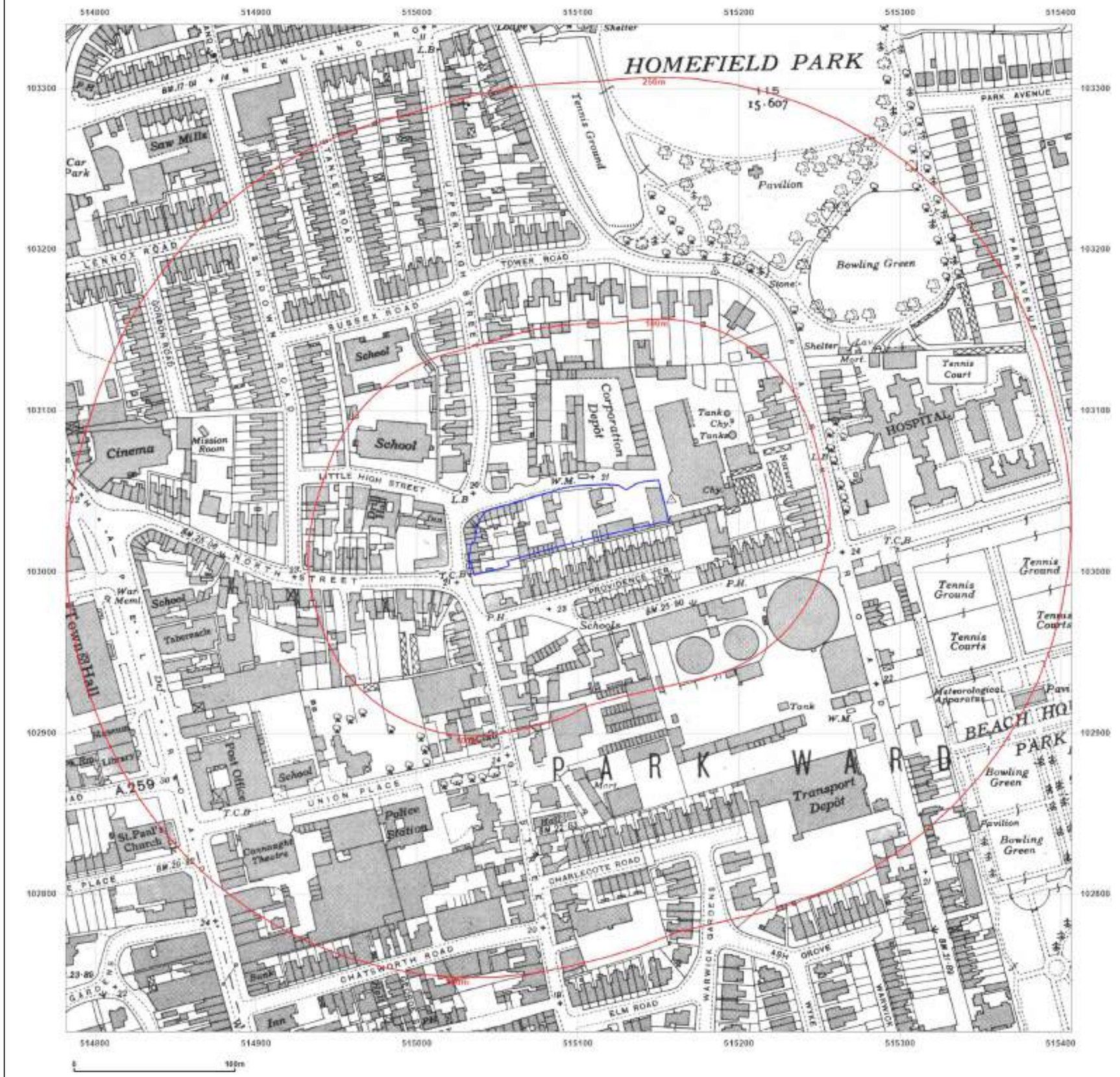

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1943**

Scale: 1:2,500

Printed at: 1:2,500

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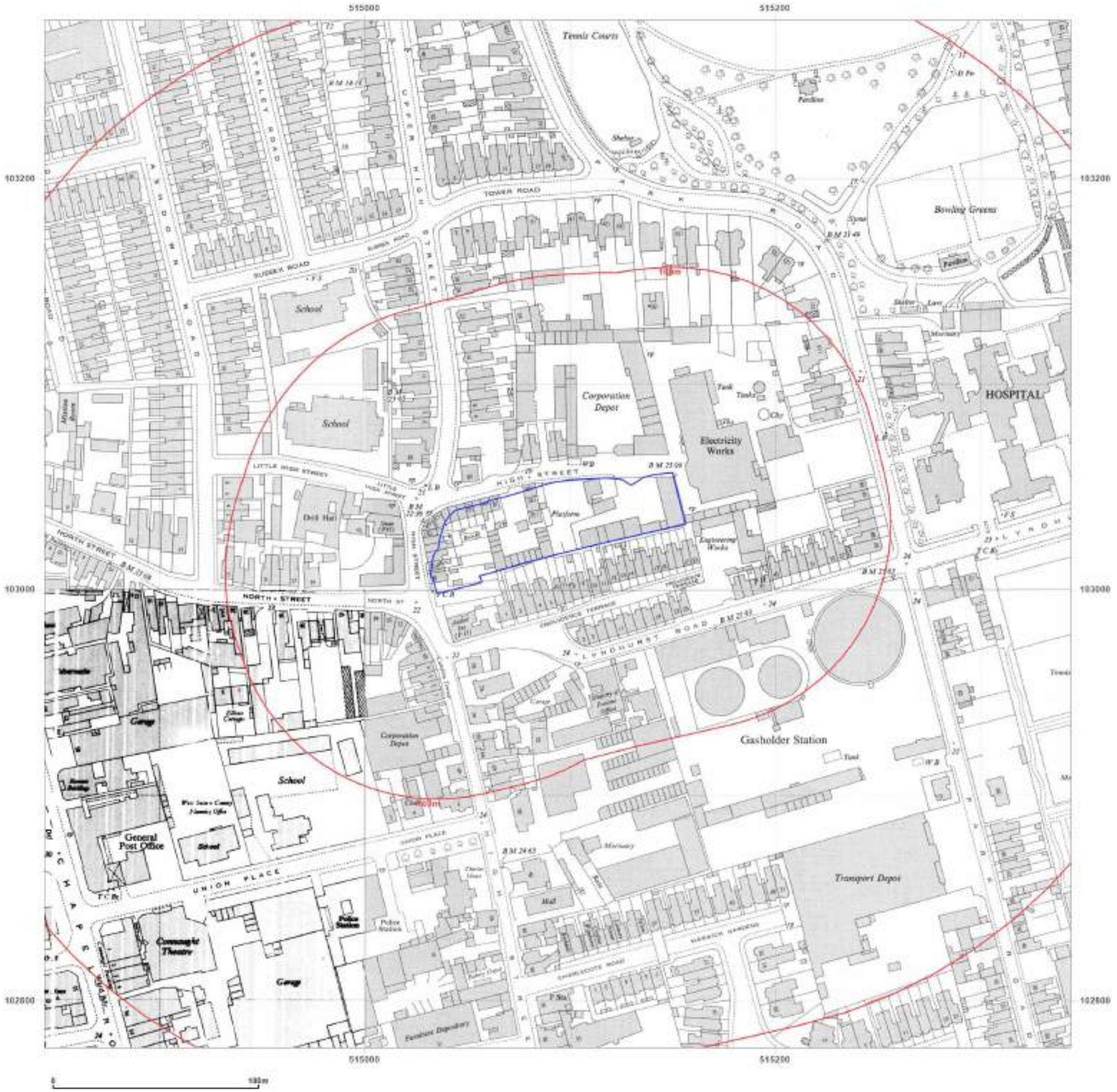

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Site Details:

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Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1952-1953**

Scale: 1:1,250

Printed at: 1:2,000

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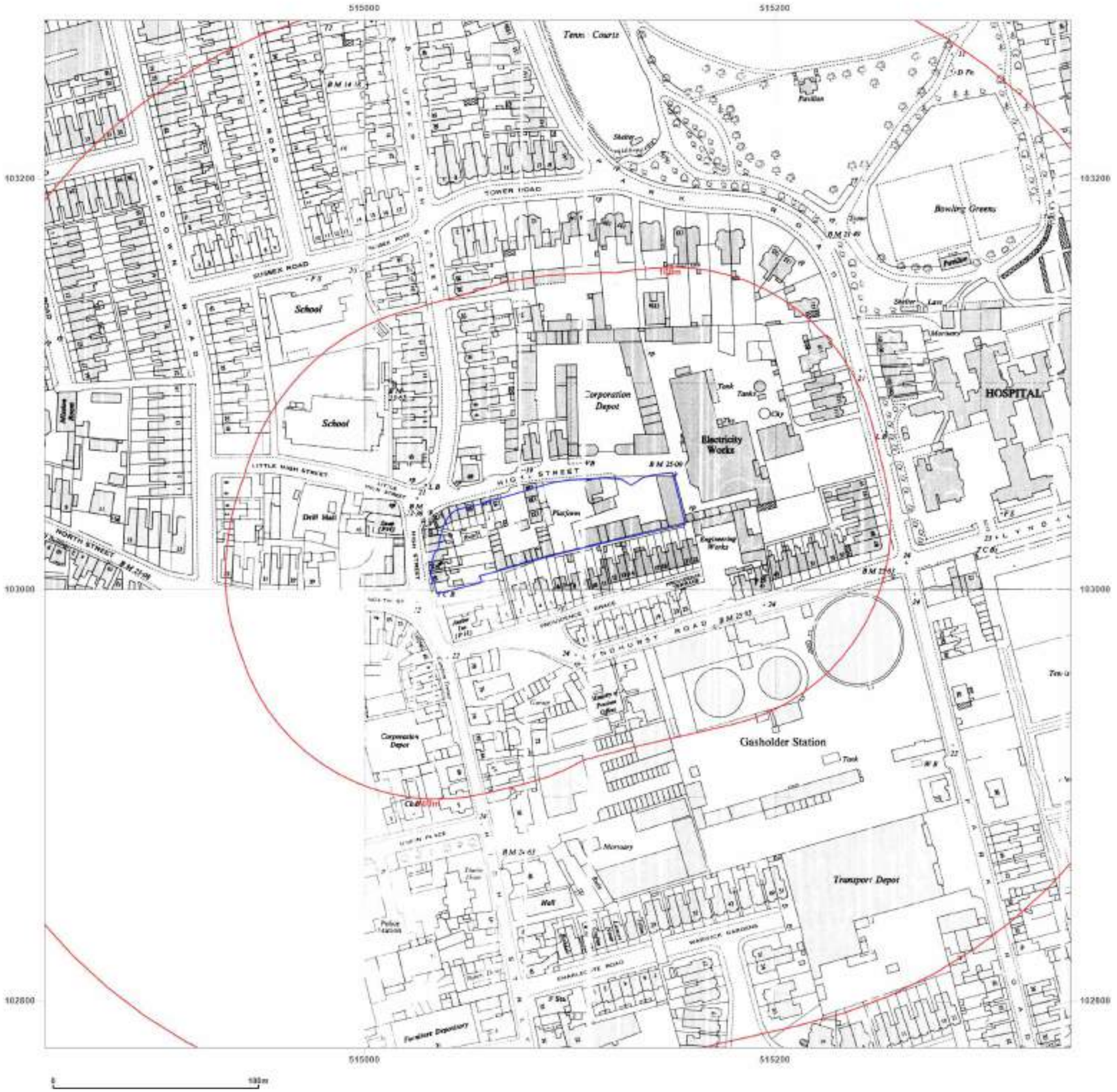

Groundsure INSIGHTS

Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1953**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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Surveyed N/A
Revised N/A
Edition N/A
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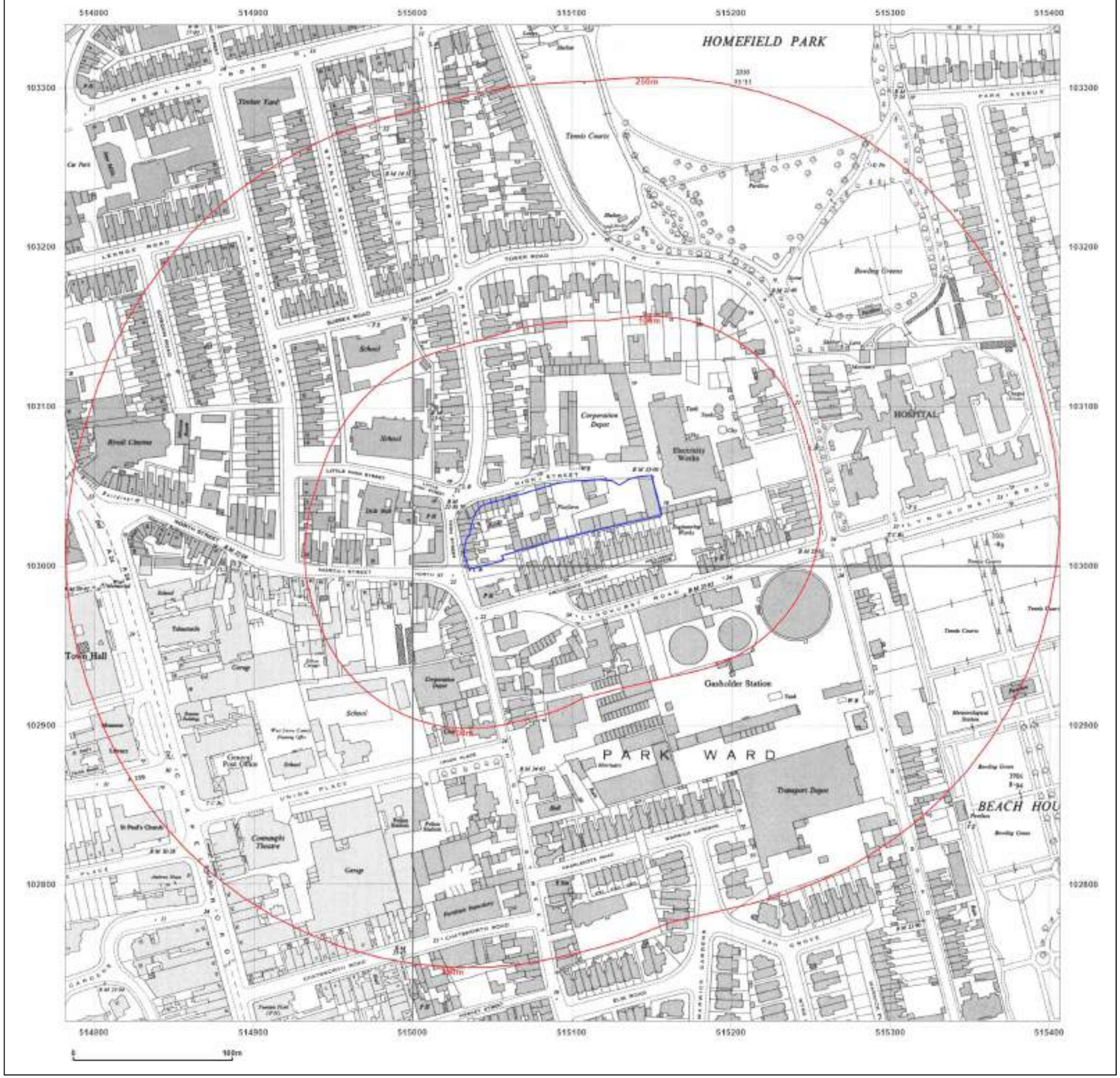

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1952-1954**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1952
Revised 1952
Edition 1954
Copyright N/A
Levelled 1950

Surveyed 1952
Revised 1952
Edition N/A
Copyright N/A
Levelled 1950

Surveyed 1952
Revised 1952
Edition 1954
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Revised 1952
Edition N/A
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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1962-1967**

Scale: 1:1,250

Printed at: 1:2,000

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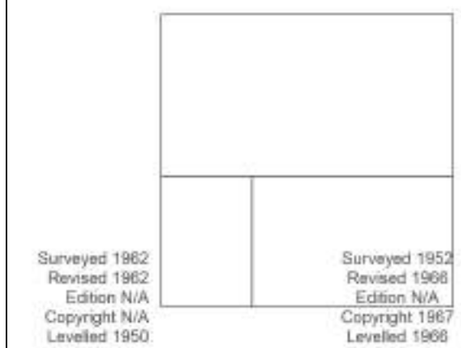

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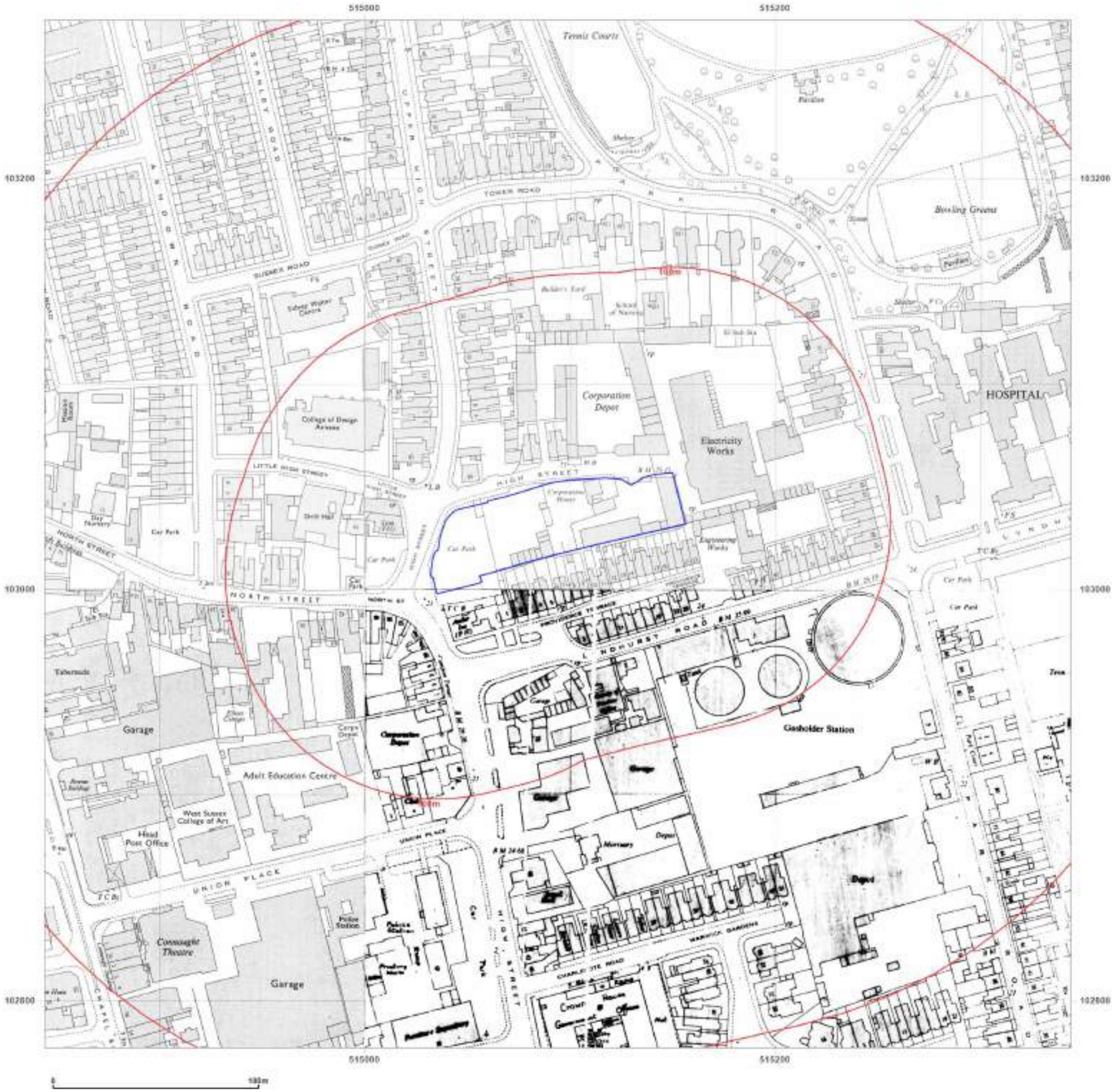

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1969-1973**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1952 Revised 1971 Edition N/A Copyright 1971 Levelled 1966	Surveyed 1952 Revised 1968 Edition N/A Copyright 1968 Levelled 1966
Surveyed 1969 Revised 1969 Edition N/A Copyright 1970 Levelled 1966	Surveyed N/A Revised N/A Edition N/A Copyright N/A Levelled N/A

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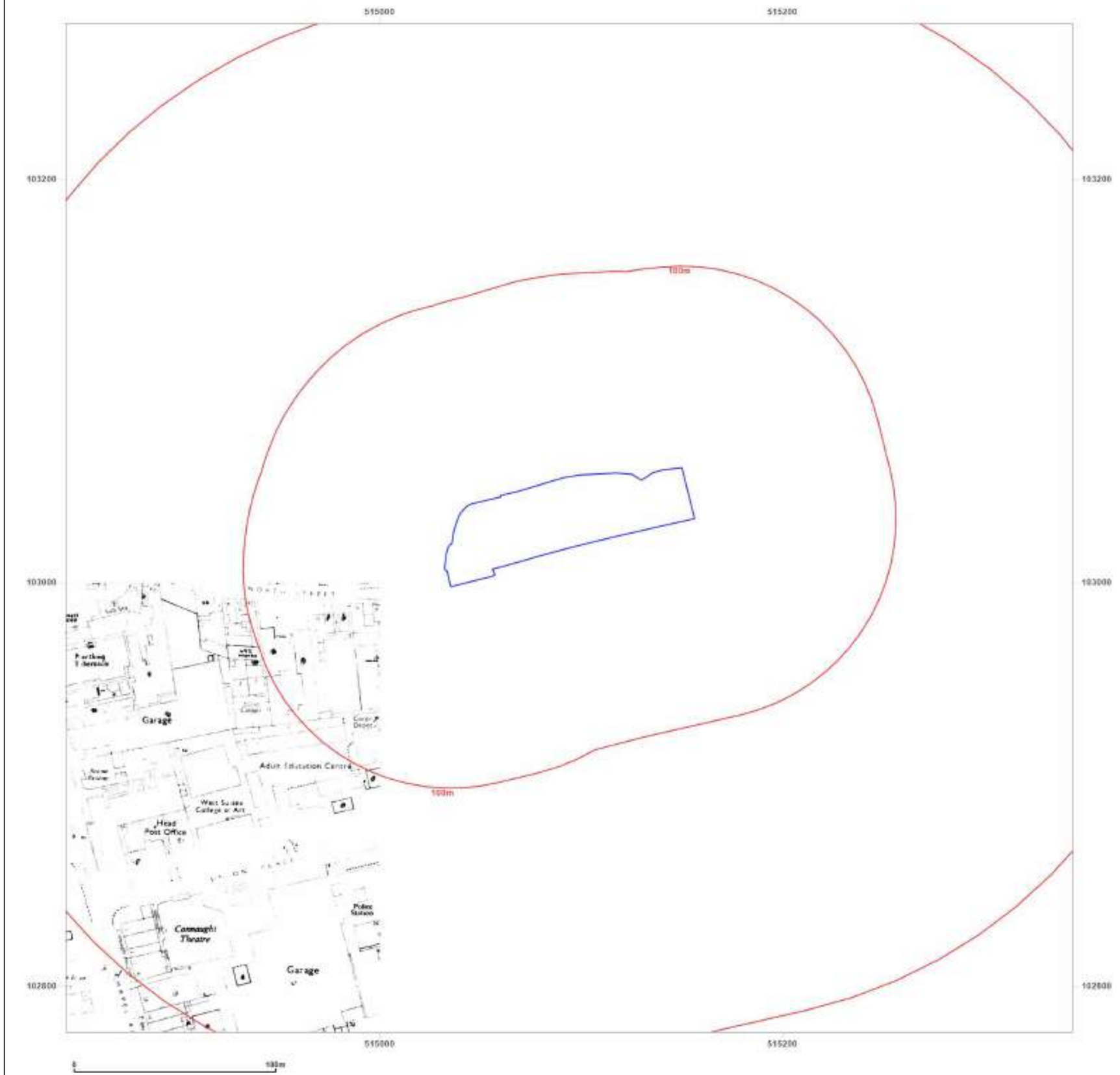

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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1975**

Scale: 1:1,250

Printed at: 1:2,000

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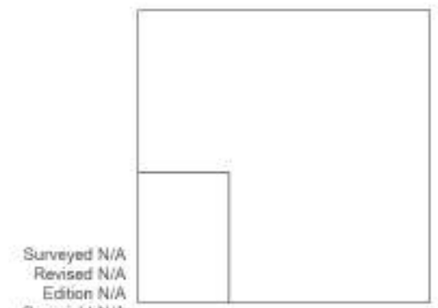

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1973-1976**

Scale: 1:1,250

Printed at: 1:2,000

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Revised 1974
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Levelled 1968

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Revised N/A
Edition N/A
Copyright N/A
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Surveyed 1952
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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1976-1981**

Scale: 1:1,250

Printed at: 1:2,000

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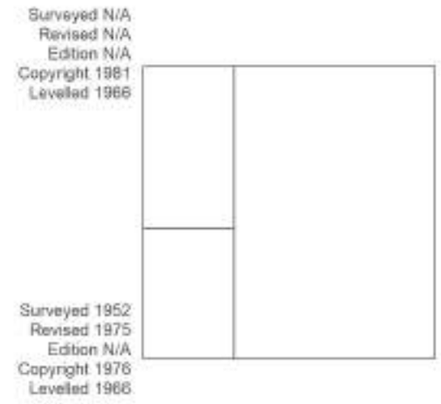

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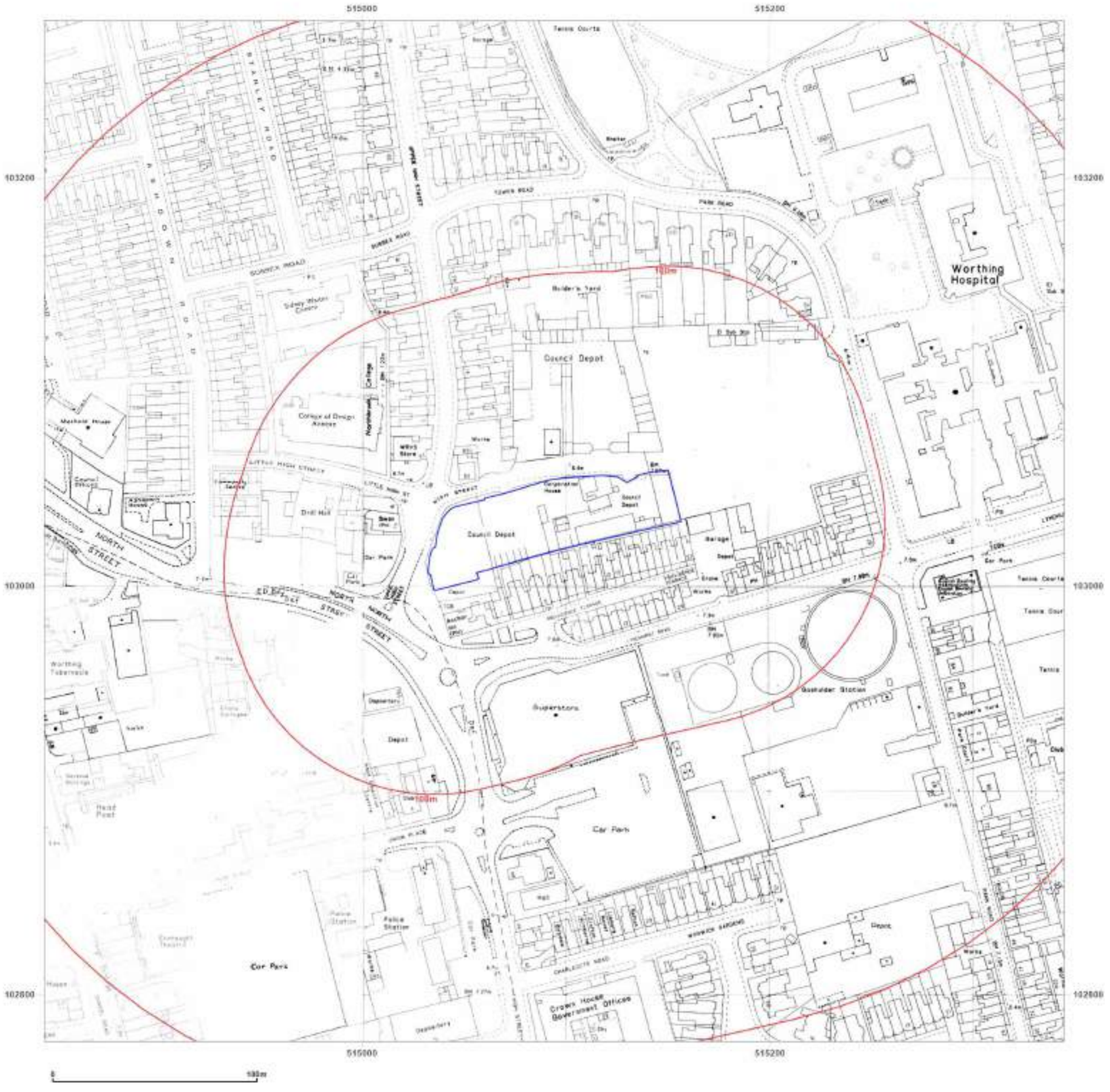
515000
515200
103200
103000
102800
Worthing Hospital
Council Depot
Superstore
Car Park
Depot
Police Station
Crown House Government Offices
Railway Station
Tennis Courts
Bowling Green
Builder's Yard
Drill Hall
Sub Station
Garage
Works
Tennis Courts
Tennis Court
Bus Park
Car Park
Depot
Depot
Works
Depot
Depot
Depot



Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1988-1992**

Scale: 1:1,250

Printed at: 1:2,000

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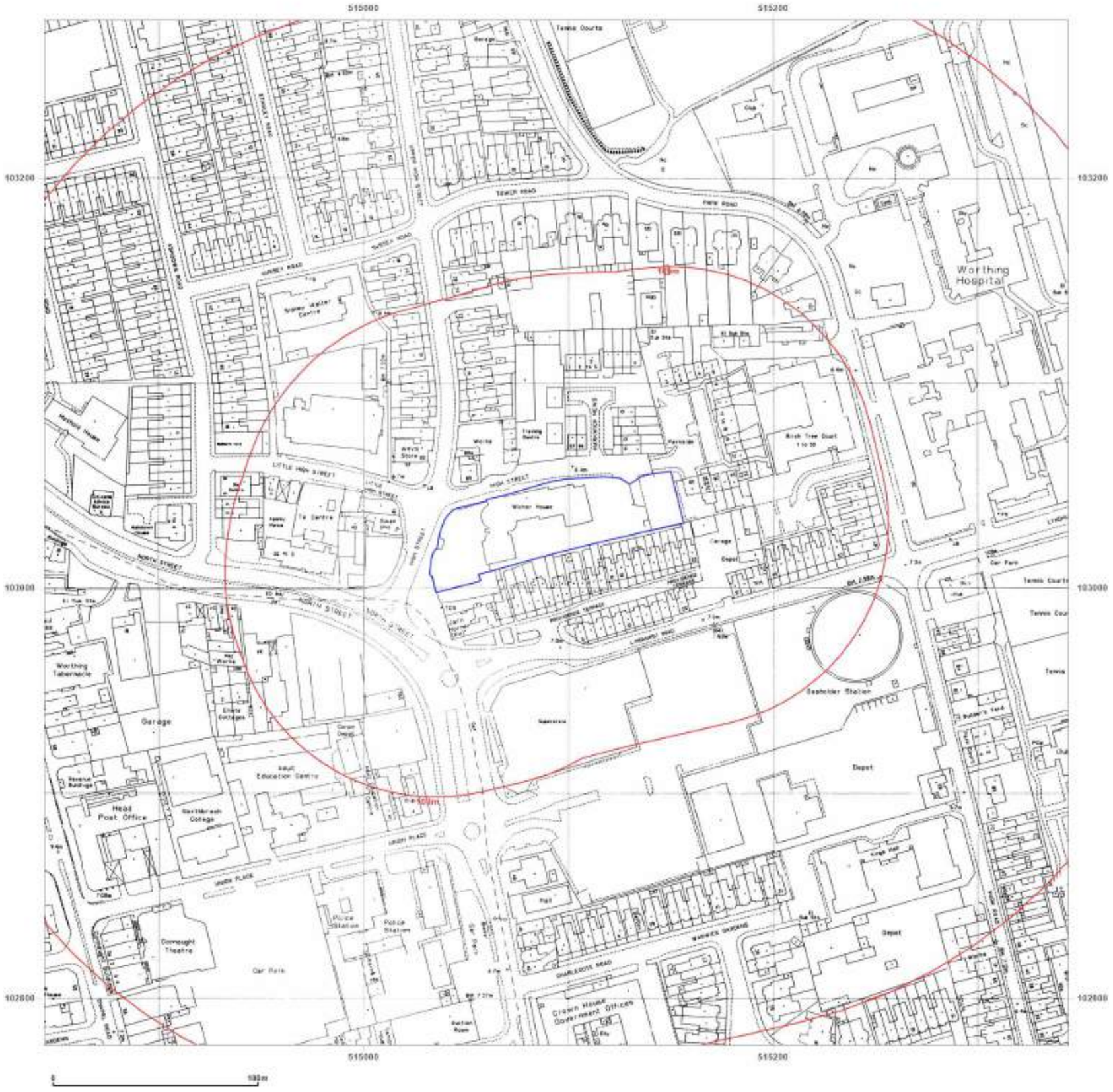

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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1995**

Scale: 1:1,250

Printed at: 1:2,000

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Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1995**

Scale: 1:1,250

Printed at: 1:2,000

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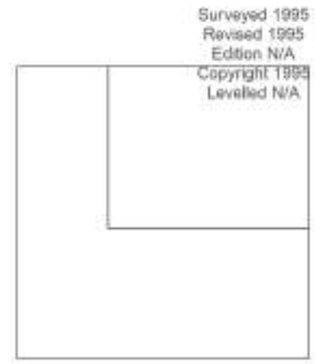

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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2003

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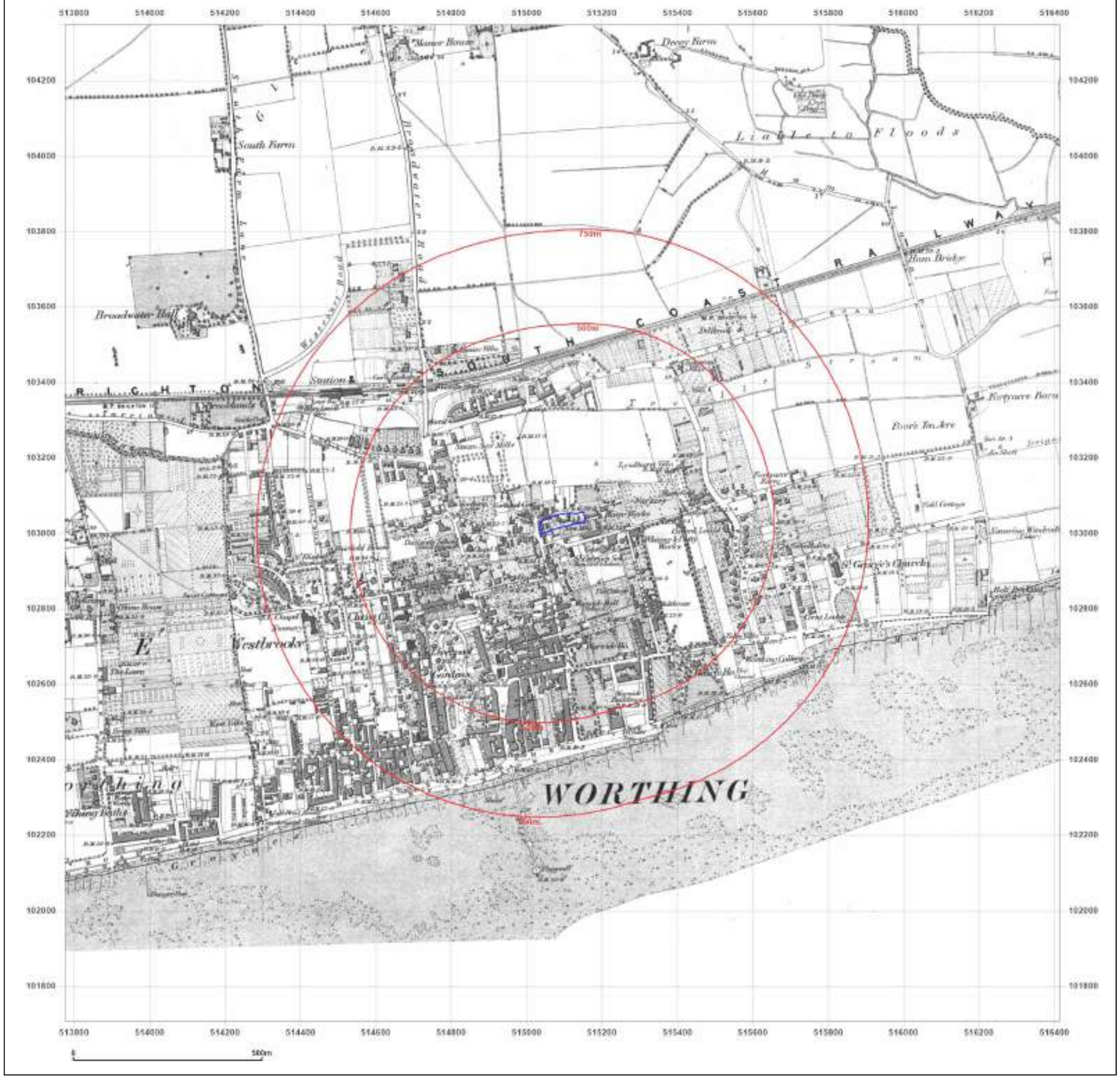

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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1875**

Scale: 1:10,560

Printed at: 1:10,560

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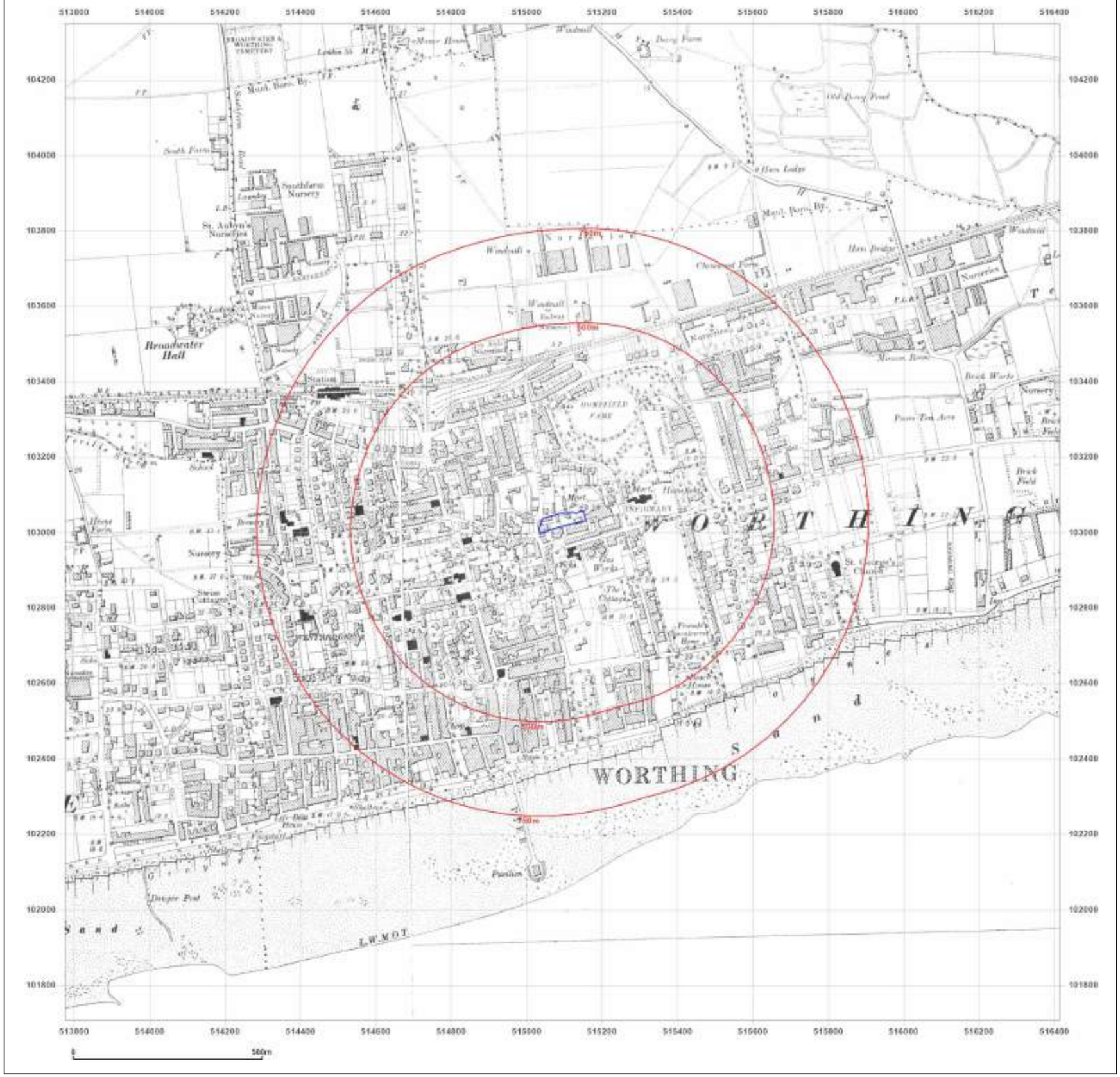

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1896**

Scale: 1:10,560

Printed at: 1:10,560

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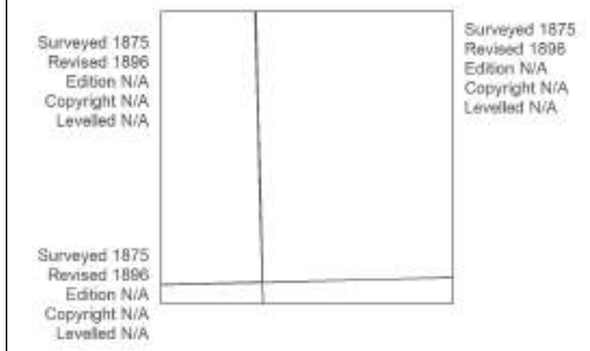

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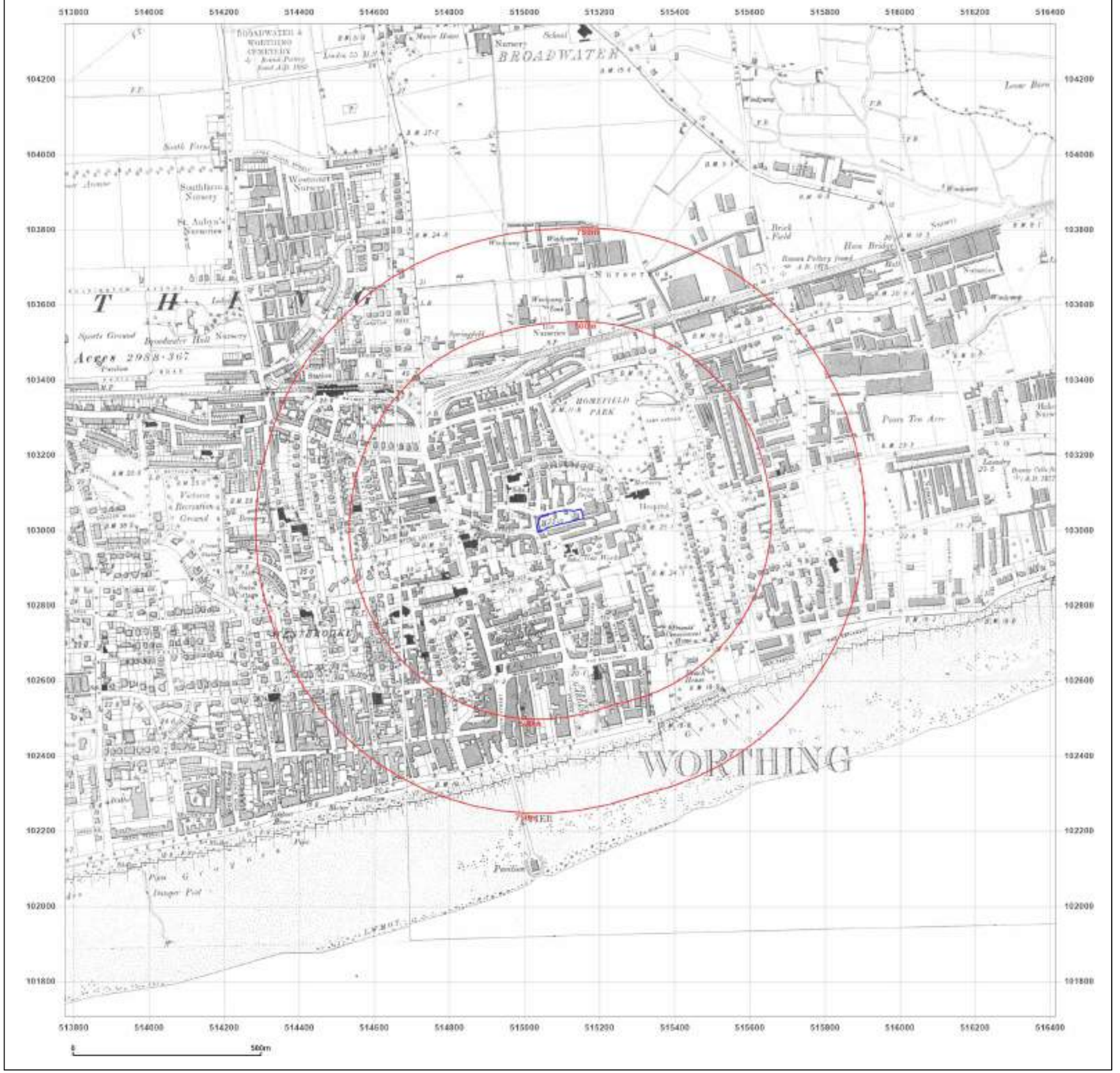

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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1909**

Scale: 1:10,560

Printed at: 1:10,560

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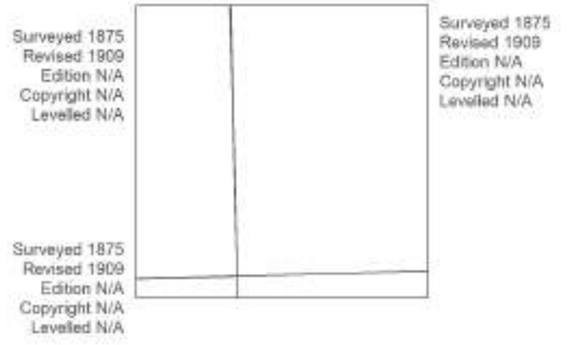

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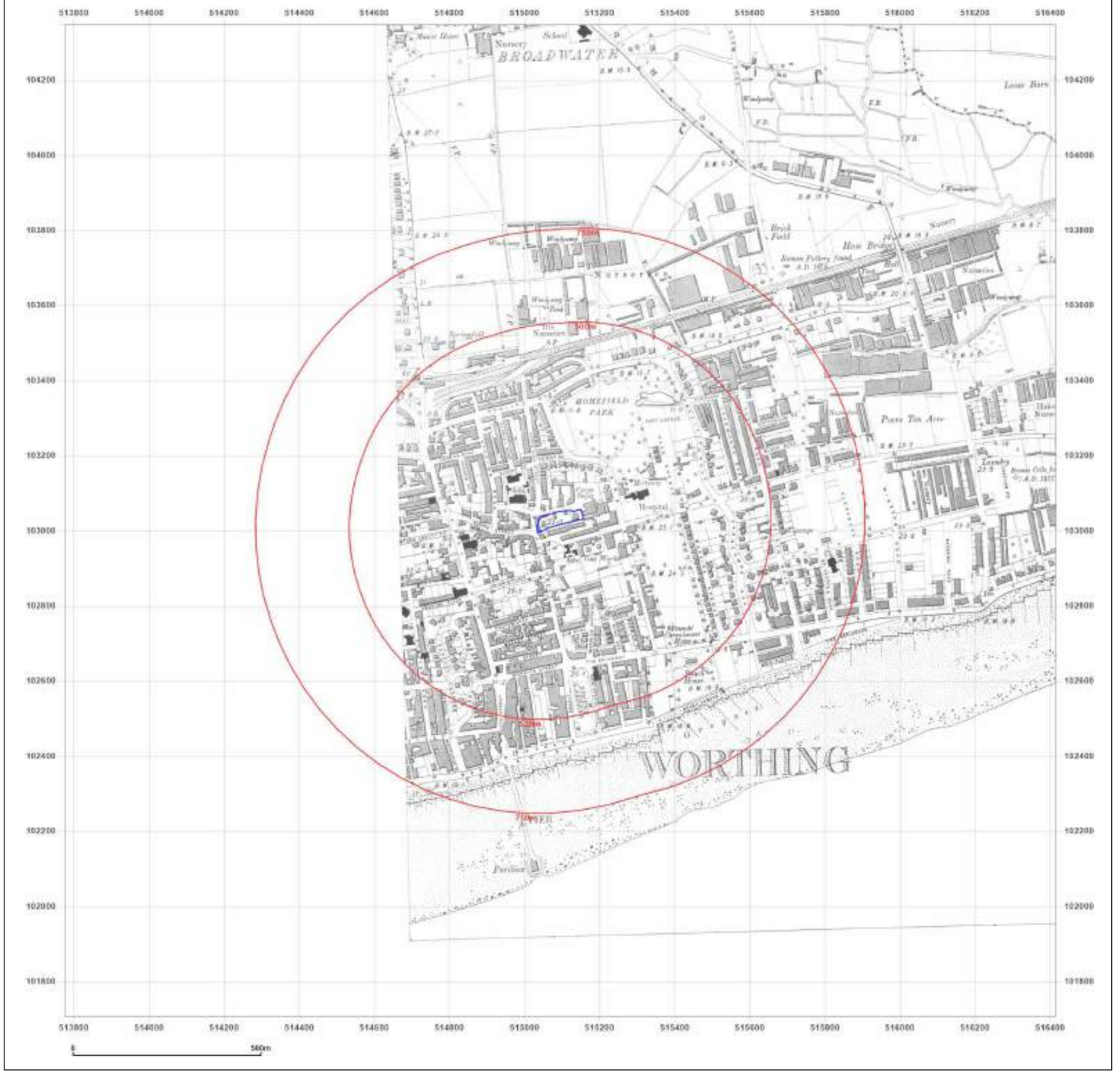

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1909**

Scale: 1:10,560

Printed at: 1:10,560

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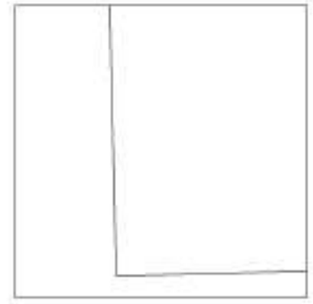

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Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1909**

Scale: 1:10,560

Printed at: 1:10,560

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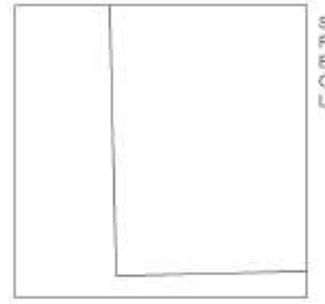

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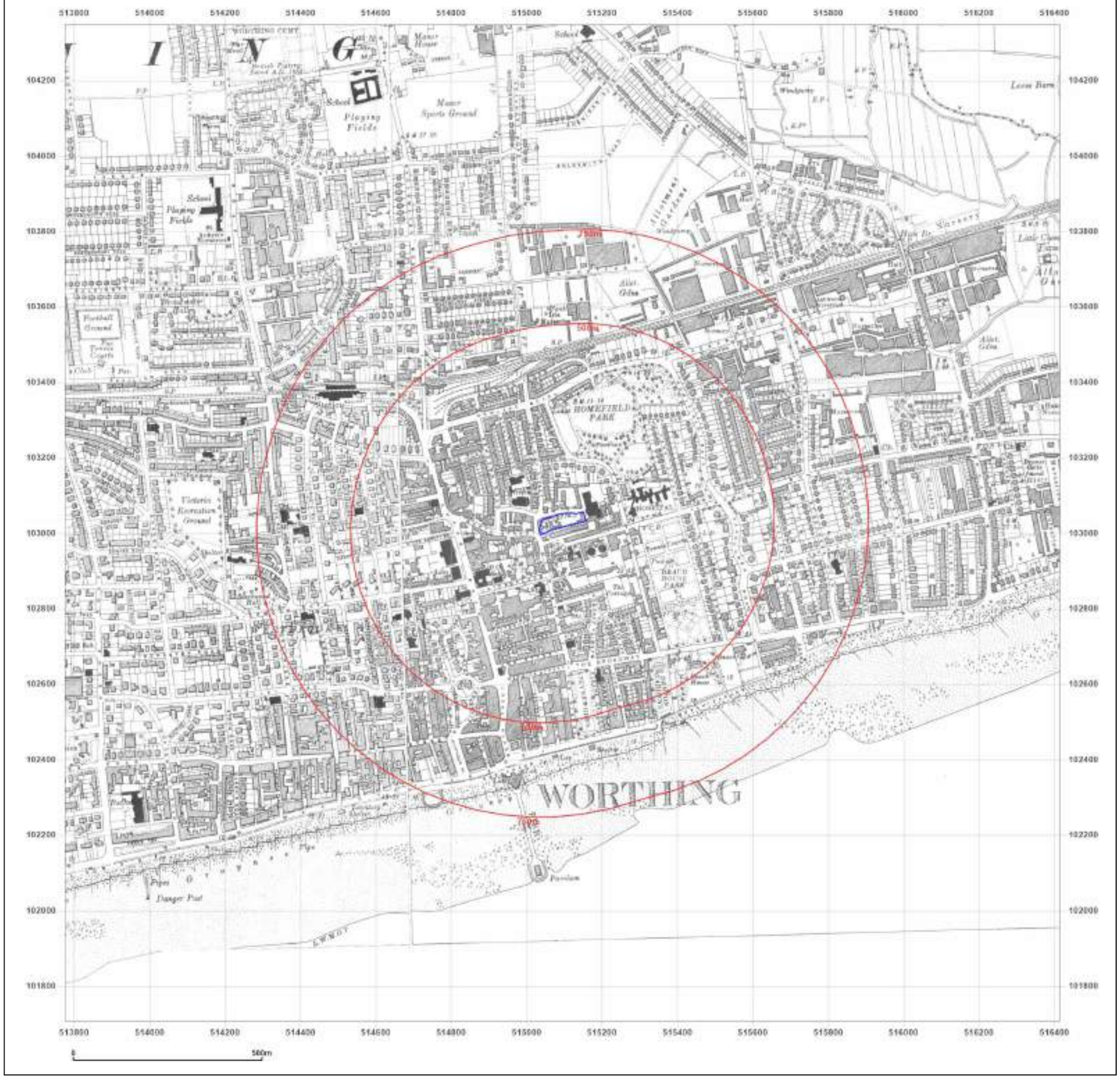

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1932-1933**

Scale: 1:10,560

Printed at: 1:10,560

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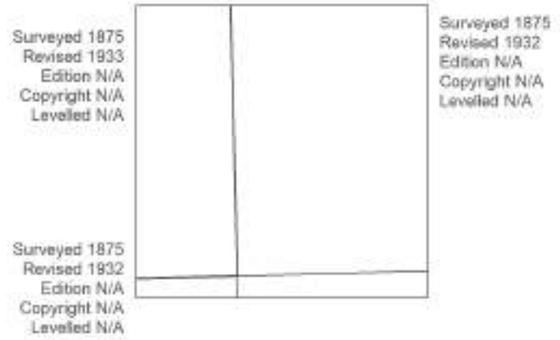

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

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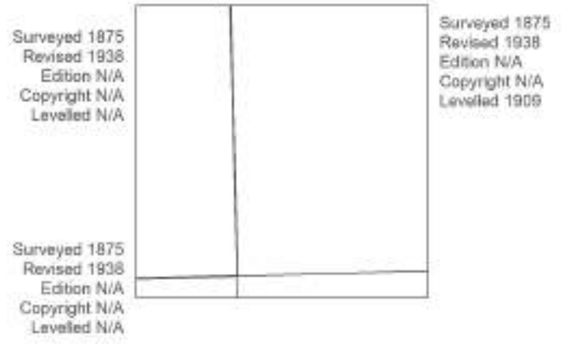

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Site Details:

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: County Series

Map date: **1950**

Scale: 1:10,560

Printed at: 1:10,560

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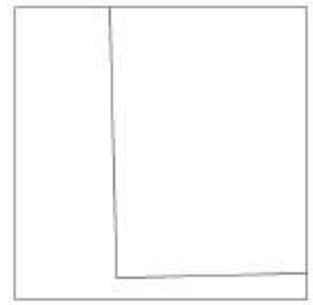

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Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: Provisional

Map date: **1962**

Scale: 1:10,560

Printed at: 1:10,560

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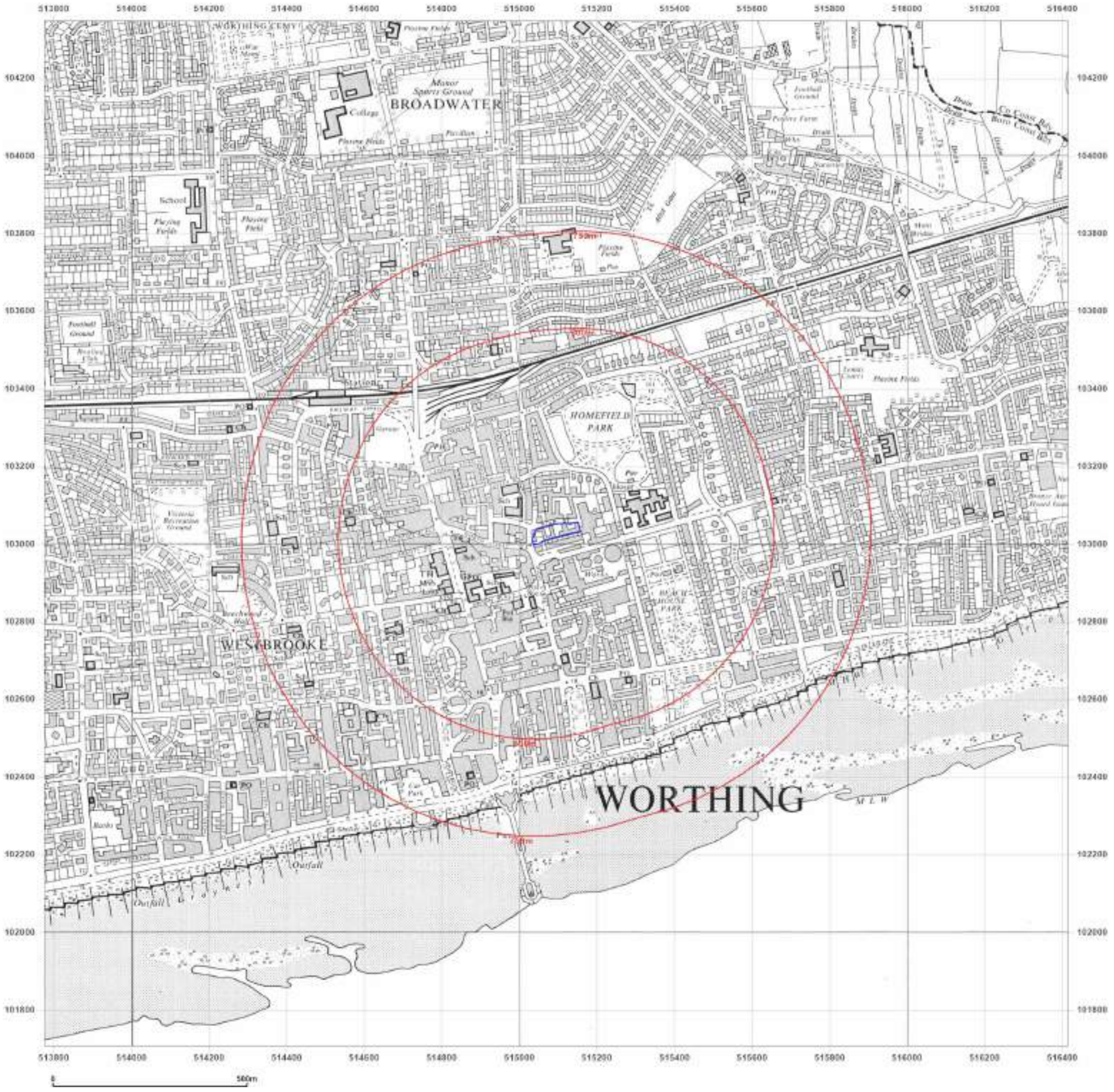

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: Provisional

Map date: **1969**

Scale: 1:10,560

Printed at: 1:10,560

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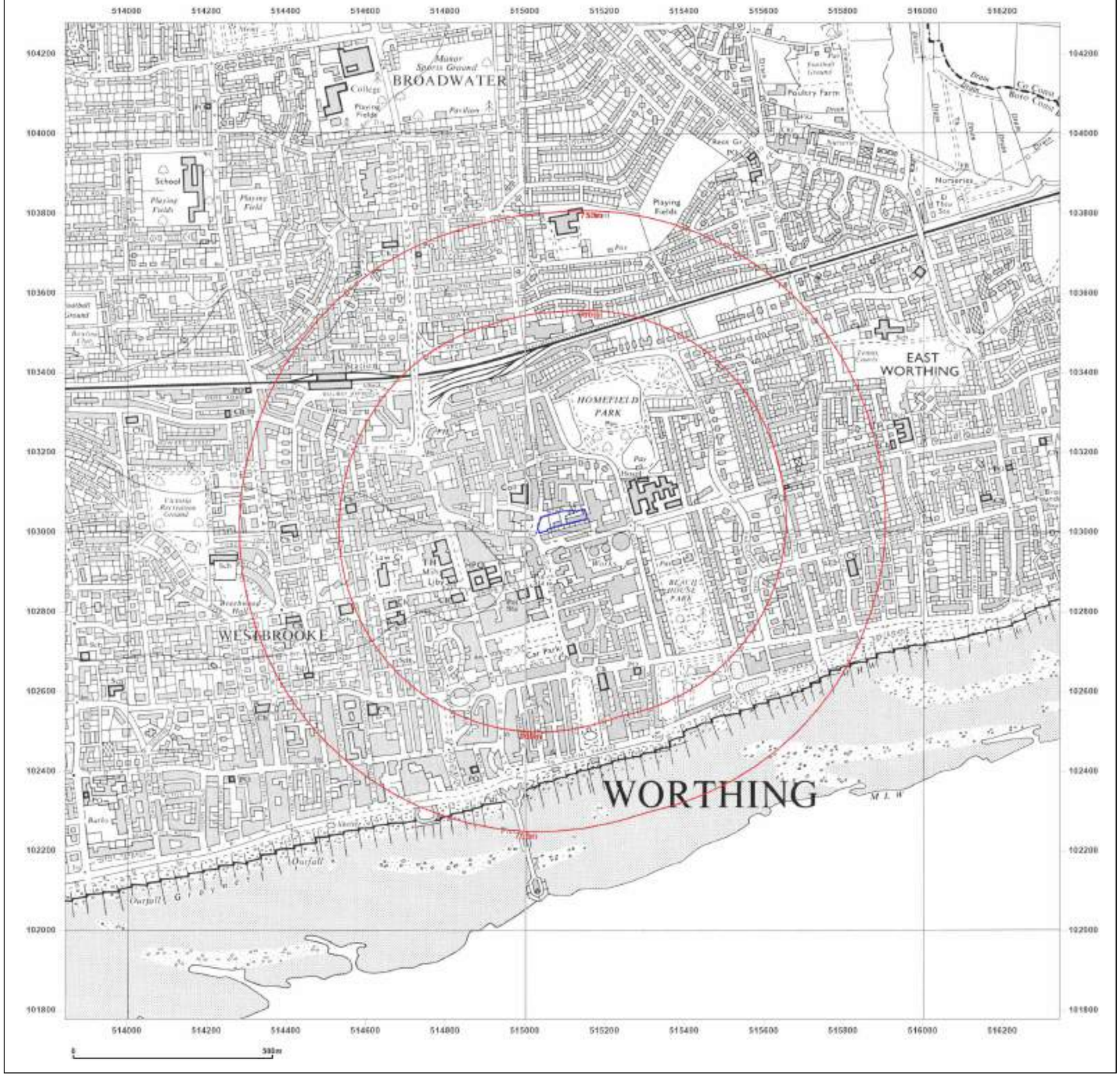

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1971**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 11 July 2025

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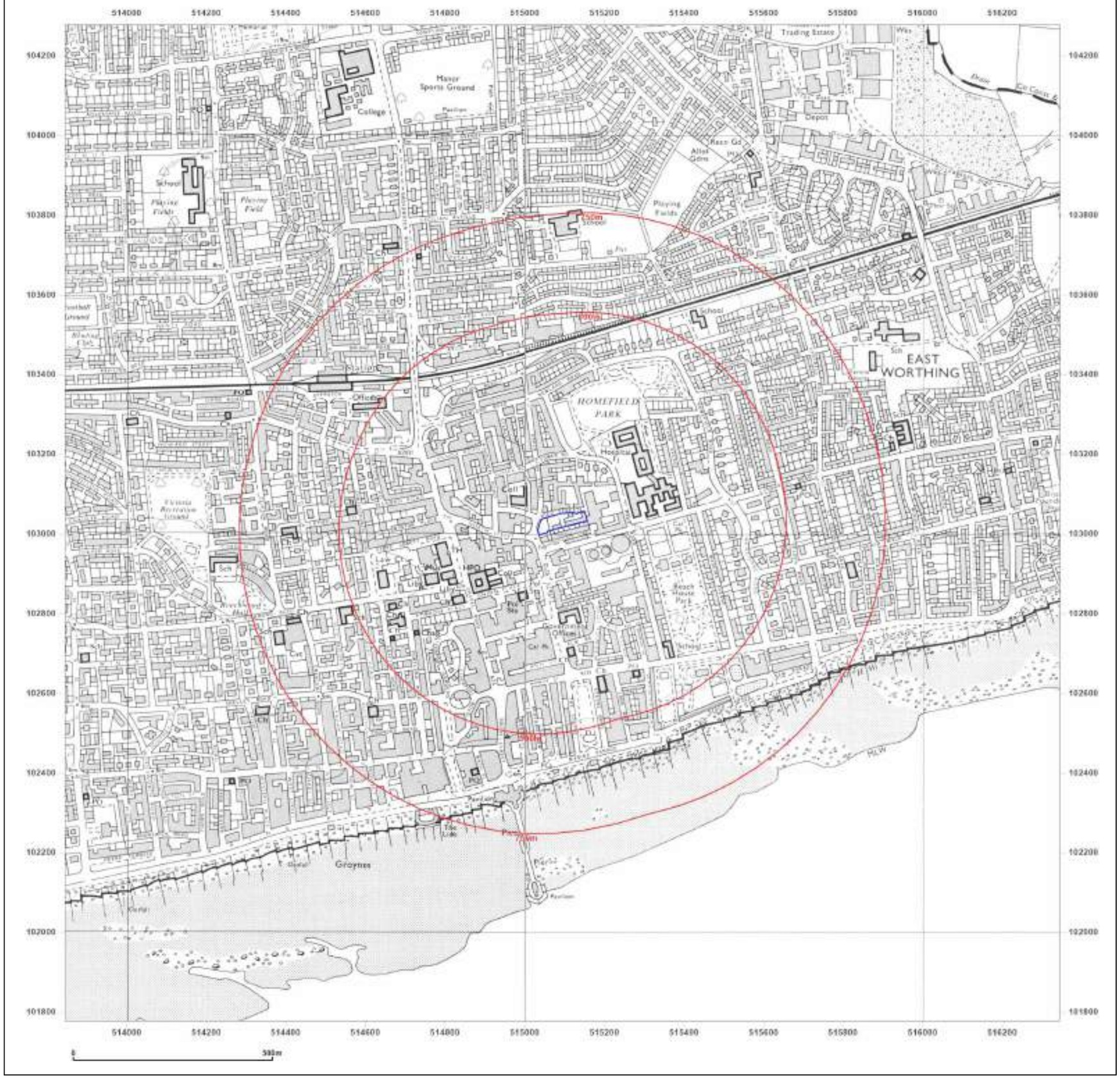

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1978-1981**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1977
Revised 1978
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1975
Revised 1981
Edition N/A
Copyright N/A
Levelled N/A

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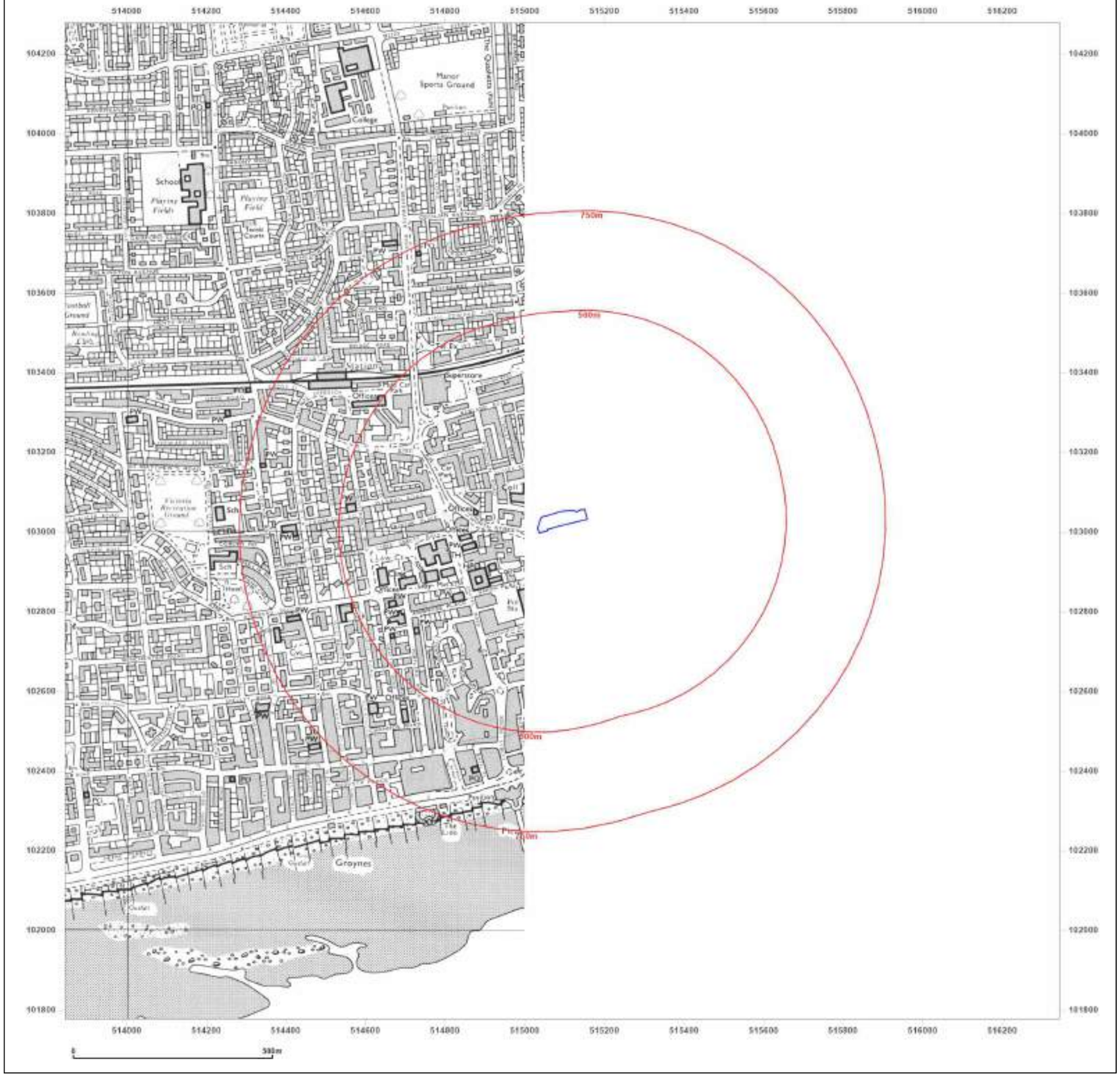

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **1991**

Scale: 1:10,000

Printed at: 1:10,000

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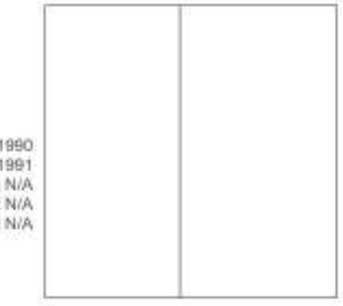
Surveyed 1990
Revised 1991
Edition N/A
Copyright N/A
Levelled N/A



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Map legend available at:
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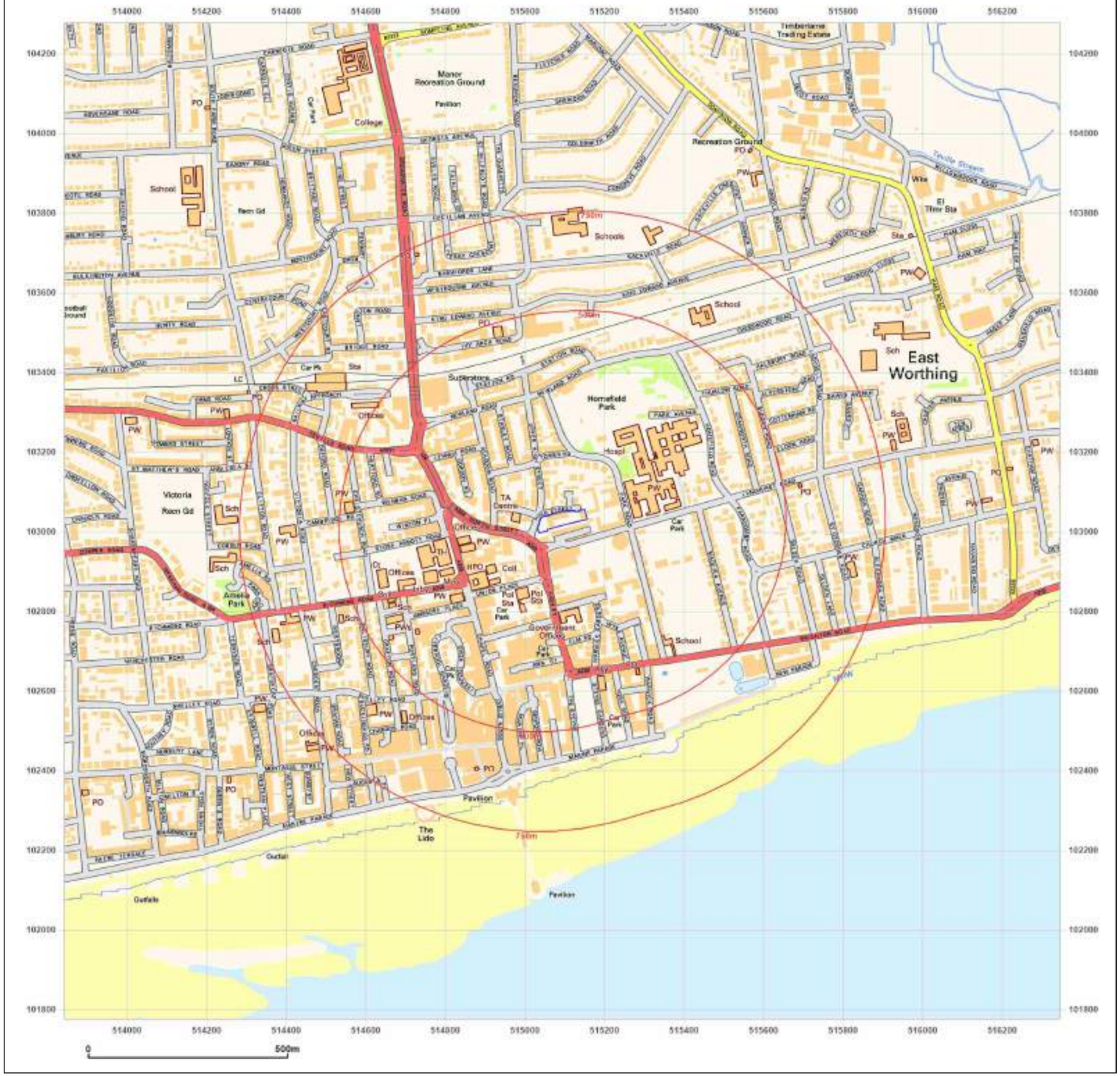

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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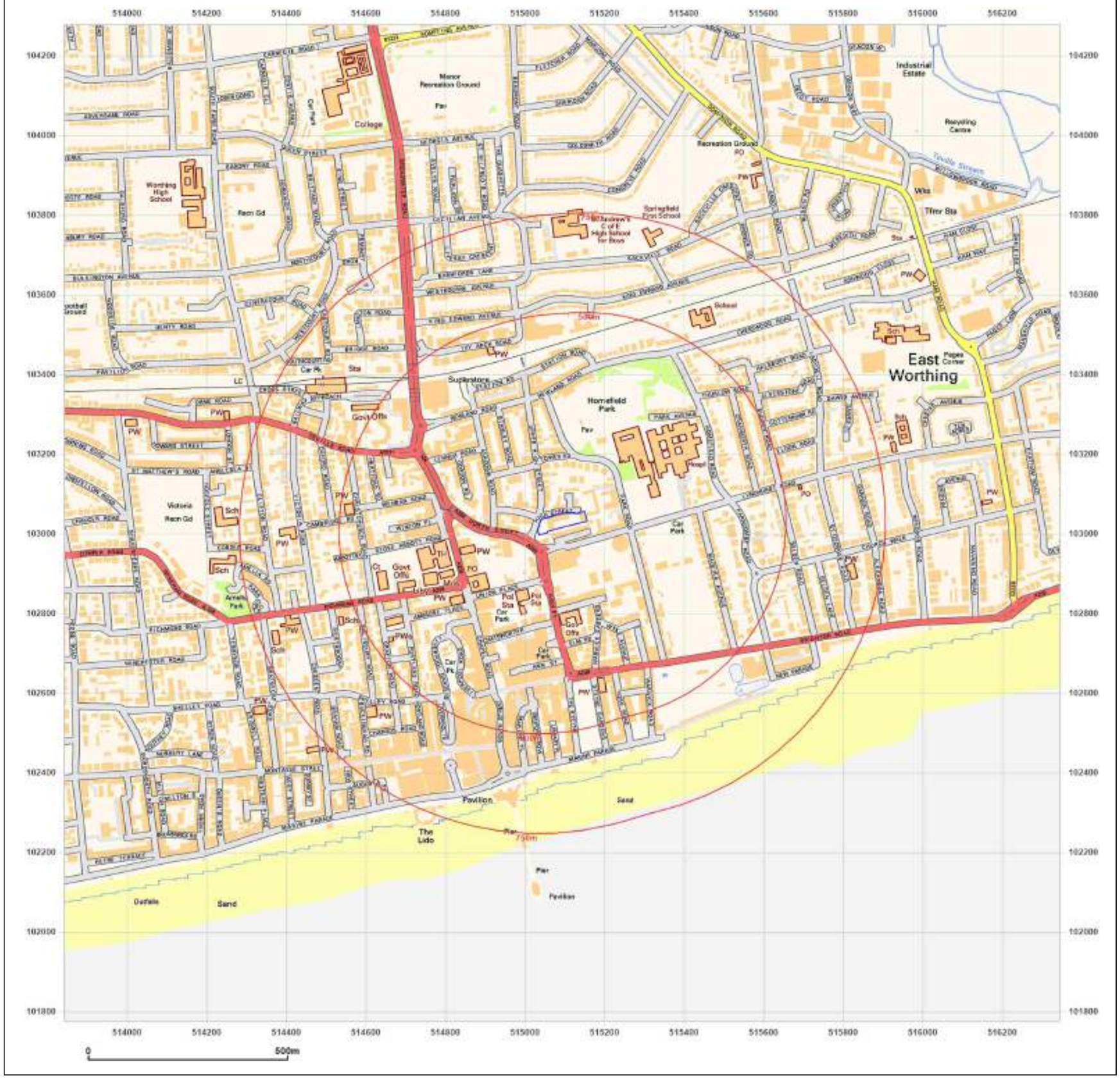
514000
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103600
103400
103200
103000
102800
102600
102400
102200
102000
101800
Manor Recreation Ground
College
Worthing High School
Recn Gd
Recreation Ground
Industrial Estate
Recycling Centre
Trinity Trees
Wks
Timr Sta
Springfield Girls School
St Andrew's C of E High School for Boys
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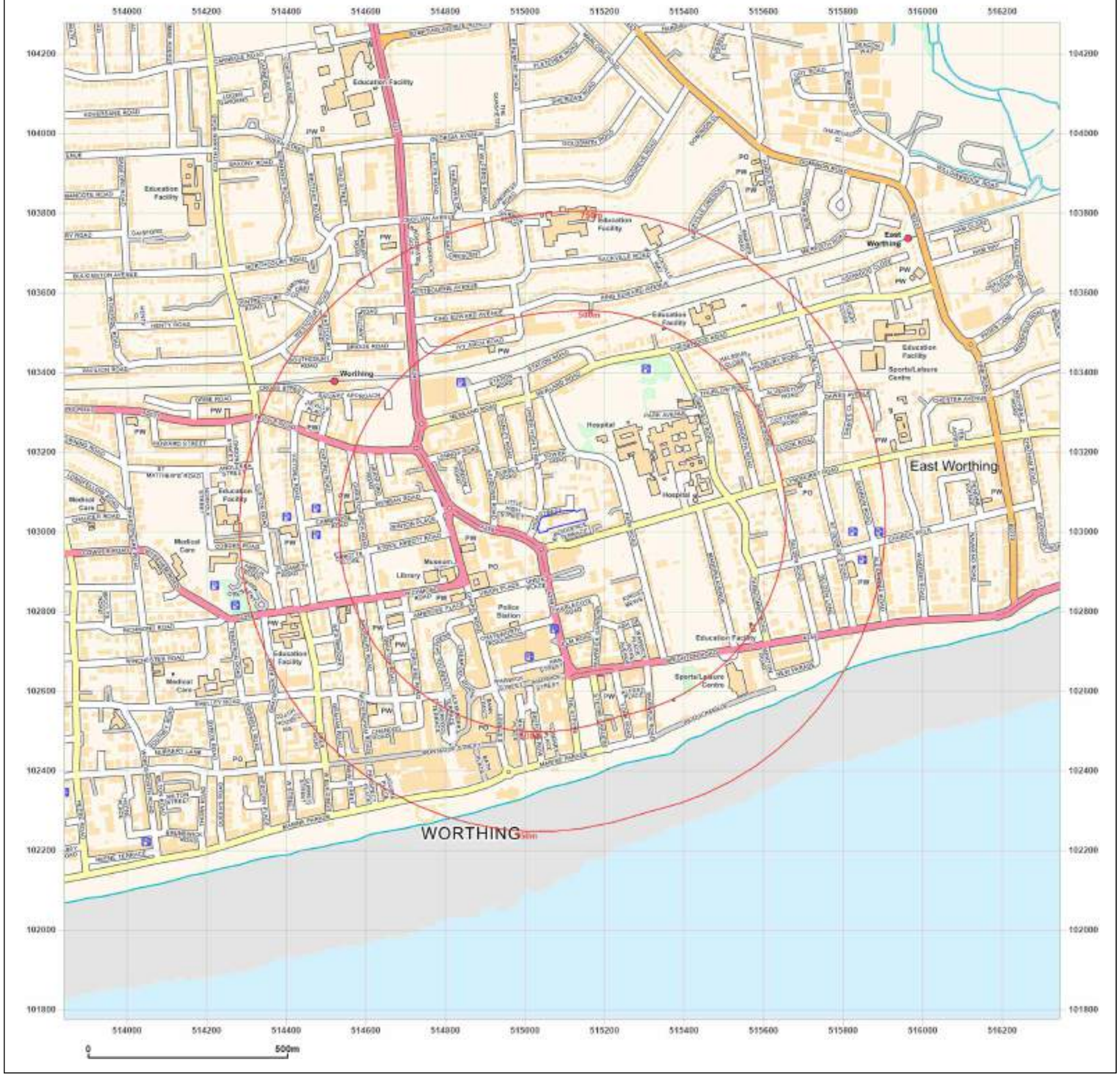

Groundsure INSIGHTS

Site Details:

Wicker & Eagle House, Worthing

Client Ref: P17304
Report Ref: GS-FSA-LNP-C87-XYH
Grid Ref: 515094, 103027

Map Name: National Grid

Map date: **2025**

Scale: 1:10,000

Printed at: 1:10,000

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APPENDIX F

BGS Borehole Records

British Geological Survey

NGRC

BOREHOLE RECORDS

ADJUSTMENT FORM

QUARTER SHEET TQ 10 SE

BH REGISTRATION NUMBER 199 - 213

RECORDS ENTERED AND HELD BY WALLINGFORD

BH REGISTRATION NUMBER(S)

British Geological Survey

TQ 10 18SA-D

(a) TQ 1517 0205

Worthing (333) Sheet

353/1 South Eastern Electricity Board, Generating Station, High Street, Worthing (formerly Worthing Waterworks)

(a) (Disused). W.S.Sr. I, p. 100. Surface +21½. Well-top +18½. Shaft 60 × 5; rest bore 30 in. Water struck at +26½. Yield 4,500 g.p.h. 1837.

R.W.L. +5½. Oct. 1894. Yield 10,000 g.p.h. Sept 1940. R.W.L. +6. P.W.L. +5. Yield 24,400 g.p.h. Oct. 1952. R.W.L. +5 P.W.L. +4½ Yield 20,000 g.p.h. Oct. 1952. R.W.L. +7½ (tidal). Oct. 1958.

(b) (Disused). W.S.Sr. II, p. 311. Surface +24 Shaft 104 × 6; rest bore 24 in. Depth 404. Yield 9,000 g.p.h. 1868.

Hardness P. 81, T. 164. Anal. July 1868. Heading: 1434 × 6 × 4, floor 72½ down, connected to (c). Yield (from heading) 2,000 g.p.h. 1886.

(c) (Partly filled in). W.S.Sr. II, p. 311. Surface +24. Shaft 28½ × 6. Water struck at +5½ (large quantity). 1885.

Dry. Dec. 1959.

(d) (Partly filled in). W.S.Sr. II, p. 311. Surface +24. Shaft 28 × 7. Heading: 234 × 6 × 4, connected to heading from (b). Water struck at +4. Yield 7,000 g.p.h. 1885.

Heading: 68 × 6 × 4 N.E., floor 72 down. Yield c.3,600 g.p.h. Reduced to 70. Pleasure said to yield 2,633 g.p.m/m. Apr. 1893; 3,300 g.p.h. 1940.

(a)	Drift	...	...	20	20
	Ch	...	...	130	400

(a)

Drift	Soil	—	—
	Clay	5	5
	Stones	5	10
	marl	10	20
upper chalk	Rubble chalk	50	70
	Solid chalk	5	75
	Chalk, with lft of flints + at base	6	81
	"	9	90
	very hard chalk	6	96
	Chalk with flints, 6" layer at top	10	106
	Chalk with lft of flints + a fissure with water at the base	64	170
	Chalk with flints	230	400
	Chalk, with flints		

b a3

British Geological Survey

a3 :g a3 l
a 3

§ Letter of 1 November 1961 - "Not been used for several years" [illegible] 2/62.

TQ1517 0305

For Survey use only

Licence No.

RECORD OF WELL (SHAFT OR BORE)

Worthing Electricity Works. High St.
Formerly Worthing Water Works.

Town or Village Worthing

County Sussex

Six-inch quarter sheet 66 SE/W

State whether owner, tenant, builder, contractor, consultant, etc.

For

Address (if different from above)

A. TQ 1517 0305

Level of ground surface above sea level (O.D.) + 23.4 ft.

If well top is not at ground level, state how far below

SHAFT 60 ft. diameter 5 ft. Full details of lodging (dimensions and directions)

lined with cylinders

BORE 320 ft. diameter of bore at top 19 ins. at bottom ins.

Full details of permanent lining tubes (position, length, diameter, [illegible] etc.)

Water struck at depth of 303 (much water) ft. below well top.

Rest level of water ft. above/below well top. Suction at ft. Yield [illegible] hours/days test

pumping at 4,500 gals. per hour with depression to ft. below well top

Recovery [illegible] mins/hours Capacity of pump g.p.h. Date of measurements 1851

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT

Make and or type Motive power

Capacity gallons per hour. Suction at ft.

Amount pumped gals. per day. Estimated consumption gals. per week.

Well made by Date of well 1857

Information from

ADDITIONAL NOTES

ANALYSIS (please attach copy if available)

Ref W.S.Sk. T p 100, [illegible]

This well gave sole supply [illegible] 1857

Depth from gl 65.5

(A) OD + 23.64 R.W.L. + 6.87 11-10-[illegible] R.W.L. - 2.31 [illegible] Clement Reed ([illegible])

Bottom of well = 44.25

An first well [illegible] above reference [illegible]

[illegible] County

[illegible] 8-5-40

[illegible]

LOG OF STRATA OVERLEAF

[illegible]	Date Received	[illegible]	[illegible]	[illegible]

British Geological Survey

a3 :g a3 l
a 3

NATURE OF STRATA

If measurements state below ground surface, state how far

		Thickness Ft.	Depth Ft.
Drift	Soil	—	—
	Clay	5	5
	Stream	5	10
	Marl	10	20
Upper Chalk	Rubble Chalk	[illegible]	[illegible]
	Solid Chalk	5	75
	Chalk with 2 ft. of [illegible] at top and at base	6	81
	Very hard chalk	[illegible]	[illegible]
	Chalk with [illegible] at top	[illegible]	96
	Chalk with 1 ft. of [illegible] with water at the base	[illegible]	106
	Chalk with [illegible]	61	17[illegible]
	Chalk with [illegible]	[illegible]	400

Shaft 60 ft., [illegible] Much water at [illegible] ft.

Ref [illegible] p 215

W.S. [illegible] p 120. New well at Waterworks [illegible]

Water from Upper Chalk. Clear - [illegible]

	p.p. 100,000
Total Solid impurity	32·44
Organic carbon	·007
Organic nitrogen	—
Ammonia	·005
Nitrogen as nitrate or nitrite	·420
Total combined nitrogen	·420
Chlorine	2·55
Hardness Temporary	10·4
" Permanent	8·3
" Total	26·7

Visited. Discussed. In basement under Mandale cover

Shaft 60' plumbed [illegible]

R.W.L. [illegible] 8½" down from basement [illegible] 4' [illegible]

In use until 1957.

Worthing Corporation give E.M.F. (Mandale [illegible] as + 18.44 O.D.

NOTE. The shaft is still 60' - see 1957 [illegible] [illegible] fit in with [illegible] [illegible] of surface level [illegible] depth of shaft. [illegible]

TQ 1513 0304

RECORD OF WELL (SHAFT OR BORE)

Licence No.

Worthing Waterworks ... High St.
New Electricity Works

Town or Village Worthing

County Sussex

Sixteenth quarter sheet

Slate whether owner, tenant, builder, contractor, consulting etc.

For

Address (if different from above) TQ 1513 0304

Level of ground surface above sea level (O.D.) +24 ft.

If well-cap is not at ground level, state how far above / below

SHAFT 104 ft. diameter 6 ft. Full details of lightings, dimensions and directions

1880 72.6' down and 115.4' long x 6 x 4 lined with brick Heading yielded 2,000 g.p.h. Connected to A

BORE 300 ft. diameter of bore at top 26 ins. at bottom ins.

Full details of permanent lining tubes (position, length, diameter, plane, distance etc.)

Water struck at depth of ... ft. below well top

Rest level of water ... ft. above / below well top. Surface at ... ft. Yield ... hours / days test

Pumping at 7,000 gallons per hour with depression of ... ft. below well top

Recovery to rest level ... hours / days. Capacity of pump ... g.p.h. Date of measurement ...

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT

Make and type ... Motive power ...

Crest at ... gallons per hour. Suction at ... ft.

Amount pumped ... gallons per day. Estimated consumption ... gallons per week.

Well made by ... Date of well ...

Information from ...

ADDITIONAL NOTES

ANALYSIS (please attach report, if available)

[illegible]

3. Situated ... constructed ...

[illegible]

[illegible]

LOG OF STRATA OVERLEAF

[illegible]



British Geological Survey

2

ADDITIONAL INFORMATION SHEET

Date of completion of well catalogue

Date of publication

Licence No. 333/1

Additional Sheet No.

DATE	*	ADDITIONAL INFORMATION	INIT.
29 6 72	B	Estimated classes: Drift / UCk — No strata details 404' 404' 404'	
	C	Estimated classes: Drift / ? UCk — No strata details 18½' 18½' 18½'	
	D	Estimated Classes: Drift / UCk — No strata details 72' 72' 72'	
			BN.
		DEL. BUS.	

FILMED

* Insert Well Reference Letter If More Than One Well At Site

P.T.O.

Select &	Printing use	Observ. well	Recorder	Filing	
					Geological Survey, Water Department, Sports Association, London, S.W.7

Printed by Wm. Brown & Co. Ltd. Sec. 9 of 1 W.R.Ind. Dr. No.

British Geological Survey

DATE		ADDITIONAL INFORMATION	INIT.

FILMED

Insert Well Reference Letter, If More Than One Well At Site

Additional Information Sheet No. Commenced