Land at Fort Road East
Wick
Littlehampton
West Sussex

Preliminary Ground Contamination Risk Assessment Report

Report Beneficiary:
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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 redevelop the site at Fort Road East, Wick, Littlehampton, West Sussex. The development proposals are understood to comprise the demolition of the existing building on site and the construction of a warehouse/office building.

The site is currently derelict and partially hoarded. A single storey building is located centrally on the site, with small extensions to the southern and eastern faces. The building was noted to have a potential asbestos cement roof and building facia.

A Biffa waste depot is located to the south east of the site. The depot appears to be an operational centre for domestic refuse collection. A pump island for fuelling of waste collection vehicles is present in the yard, approximately 25m to the east of the site.

Residential properties and associated gardens are present to the north of the site. Open verge land and Fort Road East are present to the west and south west of the site, with a small commercial estate located on the south western side of Fort Road East.

The site comprised an open field at the time of the earliest inspected historical map, dated 1879. The site has been part of an industrial area since 1932 and has been used as a depot and destructor works.

Reference to geological datasets indicates that the site is expected to be underlain by the Raised Beach Deposits and Intertidal Deposits overlying the White Chalk Subgroup.

The Raised Beach Deposits and Intertidal Deposits are classed as a Secondary A Aquifer. The White Chalk Subgroup is classed as a Principal Aquifer. The site does not lie within an Environment Agency Source Protection Zone with regard to the protection of the quality of groundwater that is abstracted for potable supply.

The preliminary contamination risk assessment identified potential pollutant linkages relating to both proposed end users of the site and controlled waters.

An intrusive ground investigation is recommended in order to allow a quantitative risk assessment of the potential contamination sources that have been identified to be made.

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1. INTRODUCTION

It is proposed to redevelop the site at Fort Road East, Wick, Littlehampton, West Sussex. The development proposals are understood to comprise the demolition of the existing building on site and the construction of a warehouse/office building. A copy of the proposed development layout is included as Appendix A.

Ashdown Site Investigation Ltd was requested to preliminary ground contamination risk assessment to support a planning application for the site.

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; and
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.

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 Q11052, dated 1st July 2021. The works were undertaken under purchase order ref: PO184 provided by the client.

The preliminary conceptual model has been based on the findings of a walkover survey and reference to historical Ordnance Survey maps and published geological and environmental information obtained from various sources.

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

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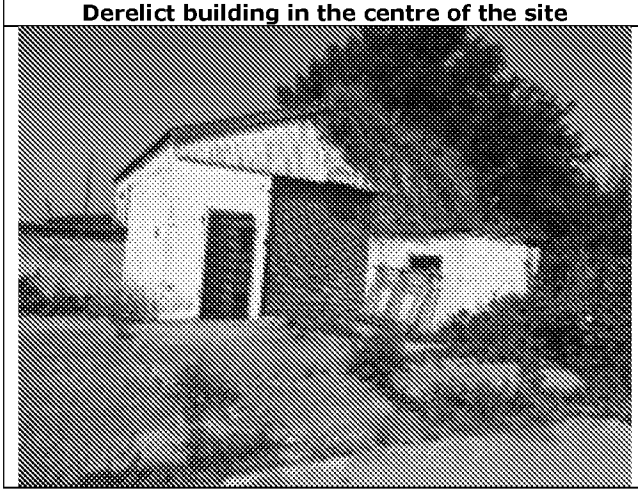
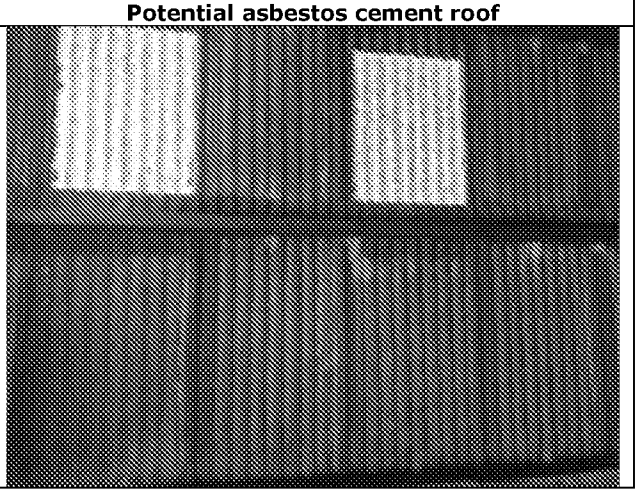
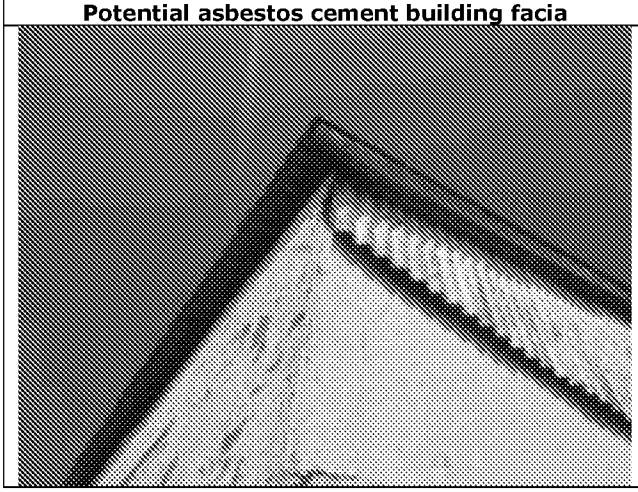
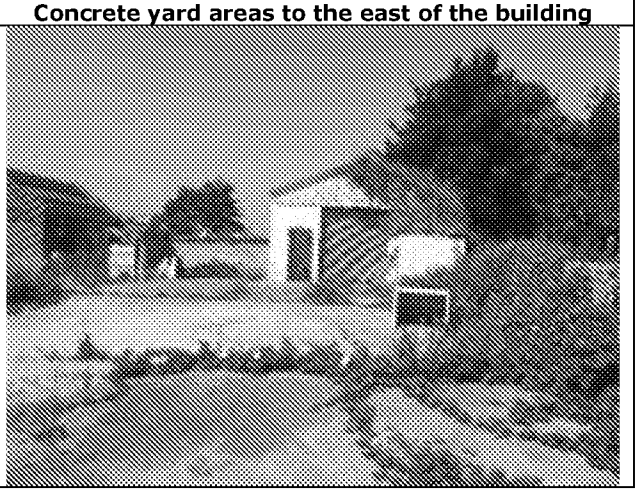
2. WALKOVER SURVEY

The site comprises an approximately triangular shaped plot of land located at Fort Road East, Wick, Littlehampton, West Sussex and is centred on the approximate Ordnance Survey national grid reference TQ 0226 0265. A site location plan is presented as Figure 1. An existing topographical survey of the site is included as Appendix B.

The site is currently derelict and partially hoarded. A single storey building is located centrally on the site, with small extensions on the southern and eastern faces of the building.

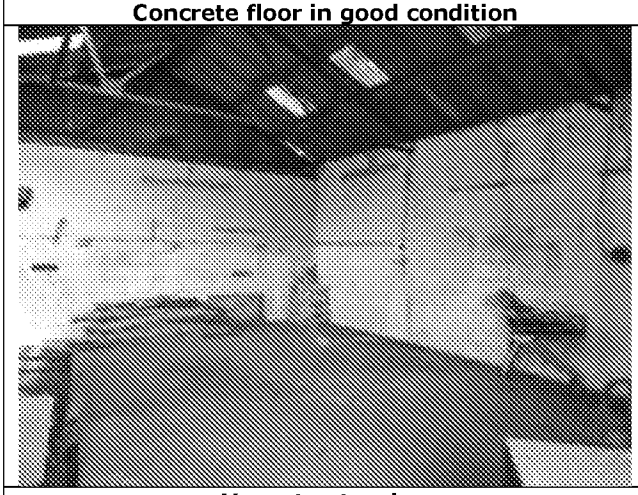
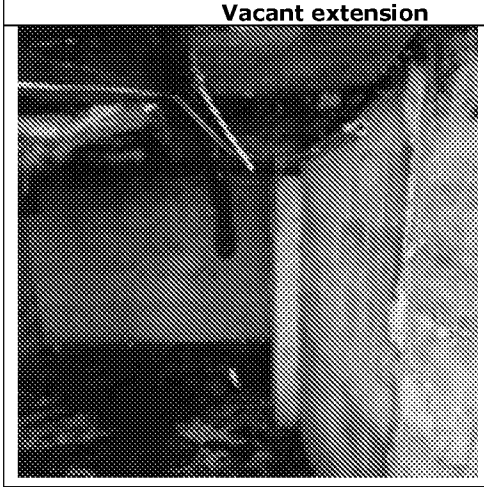
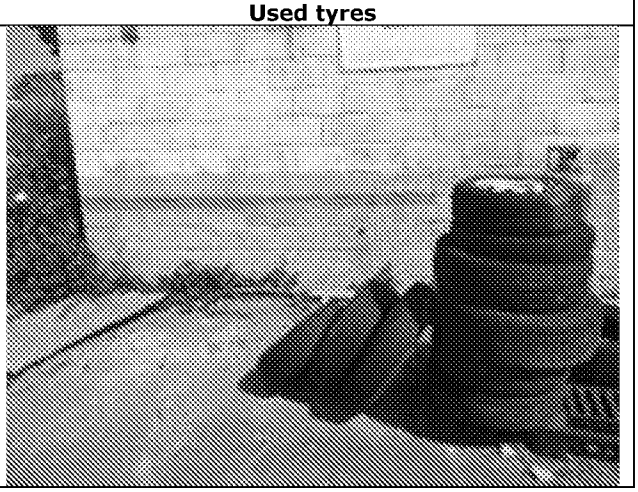
The building was noted to have a suspected asbestos cement roof and facia.

Concrete yard areas are present to the east of the building.

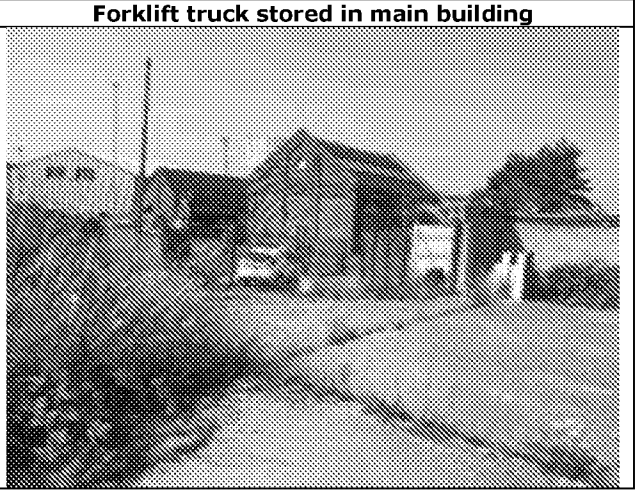
Derelict building in the centre of the site	Potential asbestos cement roof
	
Potential asbestos cement building facia	**Concrete yard areas to the east of the building**
	

The existing building has a concrete floor which is in good condition and was mainly empty, with the exception of the storage of a forklift truck, wooden materials, plastic chairs and metal barriers. The extensions were both empty. A number of used tyres were stored adjacent to the extension to the south of the main building.

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Concrete floor in good condition	Forklift truck stored in main building
	
Vacant extension	**Used tyres**
	

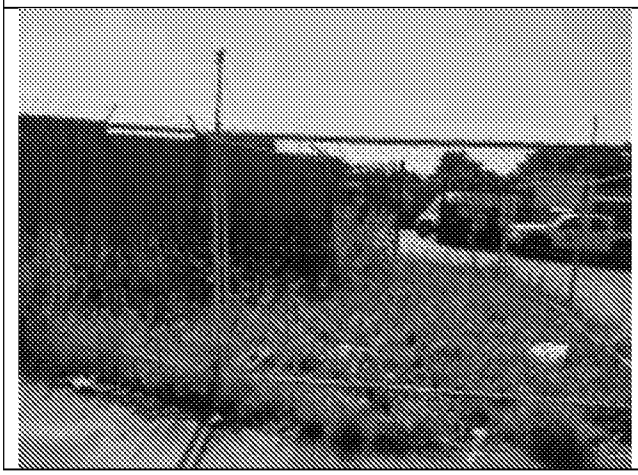
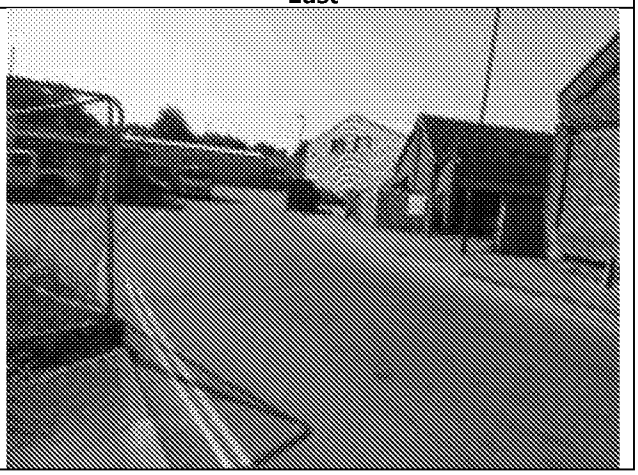
A soft landscaped area was present to the west of the building and this sloped down significantly toward road level, approximately 1.5m below the level of the building. The concrete area in the south of the site also sloped towards the road.

Concrete floor in good condition	Forklift truck stored in main building
	

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A Biffa waste depot is located to the south east of the site. The depot appears to be an operational centre for domestic refuse collection. A pump island for fuelling of waste collection vehicles is present in the yard, approximately 25m to the east of the site.

Residential properties and associated gardens are present to the north of the site, open verge land and Fort Road East are present to the west and south west of the site, with a small commercial estate present on the south wester side of Fort Road East.

Biffa Waste depot to south east	Commercial estate to the south west of Fort Road East
	

3. ENVIRONMENTAL AND GEO-ENVIRONMENTAL DATA REVIEW

3.1 Geological Data Review

3.1.1 Expected Geology and Aquifer Designation

The stratigraphic succession that may be expected to underlie the site is presented in the following table.

Table 1. Expected Strata and Aquifer Designation

Type	Stratum	Aquifer Designation
Superficial	Raised Beach Deposits and Intertidal Deposits.	Secondary A Aquifer
Bedrock	White Chalk Subgroup	Principal Aquifer

The Raised Beach Deposits consist of marine sand, silt, and pebbly sand, with sandy gravel and 'clean' flint shingle. For the most part the deposit is either bedded or chaotic and may be in the form of dunes, sheets or banks. These deposits are above the level of the present shoreline as a result of earth movement or a general fall in sea level.

The Intertidal Deposits represent present day intertidal mud flats. Typically, they comprise very weak (soft) and highly compressible organic clay and silt, laterally grading into fine to coarse sand and gravel in creek (channel) beds.

The White Chalk Subgroup comprises a weak, white chalk locally with flint bands together with scattered nodular flints. It may be expected to have a deeply convoluted upper surface as a

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result of solution weathering. The presence of natural cavities in the chalk is very rare and solution features, if present, can be expected to be infilled with Quaternary deposits such as the Head deposits.

The infill material may be significantly weaker than the surrounding chalk. Solution features can comprise pipes extending to several metres deep into the chalk or conical depressions and basin shaped structures.

Historically, chalk deposits were often mined locally. Most commonly historical mines characteristically comprise a narrow shaft with a number of chambers radiating from the base. These structures are colloquially known as "deneholes", "chalk-wells" or "chalkangles". The depth of the features reflects the depth to the underlying chalk bedrock. The shaft width was commonly in the order of 2m to 3m, widening out into galleries at depth. The chalk was extracted for soil improvement and was usually applied directly to fields though sometimes the chalk was processed, typically by burning in kilns where the chalk was used to produce quicklime (calcium oxide). Once they had reached their limits the mines were commonly capped. Various capping techniques were used; examples include the use of upturned trees or brick arching. Records pertaining to the distribution of these localised mines are incomplete, usually being limited to features marked as shafts or the occurrence of circular depressions on historic Ordnance Survey maps. In the field they are most likely to be visible as shallow depressions, if at all.

Site inspection and inspection of historical maps extending back in time to 1879 does not reveal the presence of any significant features at the site though, for reasons given above, their presence cannot be fully discounted.

In this area the chalk may be expected to be deeply weathered in the uppermost few metres.

3.1.2 Natural Ground Subsidence

Table 2. Natural Ground Subsidence from Groundsure Data

Section	Risk Assessment
Soil Volume Change Potential (Shrink-Swell)	Negligible (on site)
Running Sands	Very Low (on site)
Compressible Deposits	Negligible (on site)
Collapsible Deposits	Very Low (on site)
Landslides	Very Low (on site)
Ground Dissolution of Soluble Rocks	Very Low (on site)

It should be noted that the assessment provided within the data represents a generic assessment only. A site-specific assessment would require the undertaking of an intrusive ground investigation.

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3.1.3 Mining, Ground Workings and Natural Cavities

Table 3. Mining, Extraction and Natural Cavities from Groundsure Data

Section	Risk Assessment
Natural Cavities	No natural cavity records are identified within 500m of the site.
BritPits	341m south west for crushed rock, now inactive. 363m south west for marine gravel and sand, now ceased. 399m south east for clay and shale, now ceased. Given the distance from the site these are not considered to represent viable potential sources of contamination.
Surface Ground Workings	Depot and destructor works on site from 1932 to 1938. This could potentially pose an unacceptable risk to end users. Cuttings are present 186 to 191m to the north west.
Underground Workings	No underground workings are identified within 250m of the site.
Historical Mineral Planning Areas	No records are identified within 500m of the site.
Non-Coal Mining	Potential for sporadic underground mining of restricted extent to have occurred. Potential for difficult ground conditions is reported to be "unlikely and localised and are at a level where they need not be considered."
Mining Cavities	No records are identified within 500m of the site.
Johnson Poole and Bloomer	JPB do not hold any information relating to mining within 1km of the site.
Coal Mining	No coal mining areas are identified within 1km of the site.
Brine Extraction	No brine extraction areas are identified within 1km of the site.
Gypsum Extraction	No gypsum extraction areas are identified within 1km of the site.
Tin Mining	No tin mining areas are identified within 1km of the site.
Clay Mining	No clay mining areas are identified within 1km of the site.

3.1.4 Radon

Table 4. Radon

Section	Risk Assessment
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.

3.1.5 Soil Chemistry

The estimated background soil chemistry does not pose an unacceptable risk in the context of the site. A site-specific assessment would require the undertaking of a ground investigation.

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3.2 Hydrogeological and Hydrological Data Review

3.2.1 Groundwater Abstractions

The closest groundwater abstraction licence is recorded to lie 458m to the south west of the site. The licence is for general washing and process washing.

3.2.2 Surface Water Abstractions

The closest surface water abstraction licence is recorded to lie 698m to the south west of the site. The licence is for spray irrigation.

3.2.3 Potable Abstractions

No potable abstraction licences are indicated within 2km of the site.

3.2.4 Groundwater Source Protection Zones

The site does not lie within an Environment Agency Source Protection Zone.

3.2.5 Surface Water Features

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

3.2.6 River and Coastal Flooding

3.2.6.1 Flooding from Rivers and Sea (RoFRaS)

The risk of flooding from rivers or seas is classed as low on site and within 50m.

3.2.6.2 Historical Flood Events

No historical flood events are identified within 250m of the site.

3.2.6.3 Flood Defences

No flood defences or areas benefitting from flood defences are recorded within 250m of the site.

3.2.6.4 Flood Storage Areas

No flood storage areas are recorded within 250m of the site.

3.2.6.5 Flood Zones

The site lies partially within an Environment Agency Flood Zone 2 and Zone 3.

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3.2.7 Surface Water Flooding

The highest surface water flooding risk on site and within 50m of the site is a 1 in 30-year event with a depth between 0.1m-0.3m.

3.2.8 Groundwater Flooding

The highest groundwater flooding risk on site is reported to be "Moderate". The highest risk within 50m of the site is reported to be "Moderate to High".

3.3 Geo-Environmental Data Review

3.3.1 Historical Industrial Sites

The following table summarises past land uses of the site and the surrounding area extracted from 1:10,000 and 1:10,560 historical maps.

Table 5. Historical Industrial Sites

Section	Remarks
Historical Industrial Land Uses Identified from 1:10,560 and 1:10,000 scale mapping	A historic depot and destructor works on site could potentially pose an unacceptable risk to end users. Gas works 144m south west and unspecified works 2m to south west, 63m west, 70m south and 97m to south east. Given the nature of the entries and/or the distance from the site these are not considered to represent viable potential sources of contamination.
Historical Tank Database Identified from 1:1,250 and 1:2,500 scale mapping	The closest historical tank to the site was located 148m to the south west, associated with the historic gas works. Given the distance from the site this is not considered to represent a viable potential source of contamination.
Historical Energy Features Identified from 1:1,250 and 1:2,500 scale mapping	Two electrical substations were located 21m south and 65m west. Given the distance from the site these are not considered to represent viable potential sources of contamination.
Historical Petrol Stations Identified from 1:1,250 and 1:2,500 scale mapping	No historical petrol stations are identified within 100m of the site.
Historical Garages Identified from 1:1,250 and 1:2,500 scale mapping	The nearest historical garage is 126m away. Given the distance from the site this is not considered to represent a viable potential source of contamination.
Historical Military Sites	No historical military sites are identified within 100m of the site.

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3.3.2 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 6. Landfill and Other Waste Sites

Section	Remarks
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	A depot and destructor works was located on site from 1932 to 1938.
Licensed Waste Sites	A clinical waste transfer station was located 84m to the north and 149m to the west. Given the distance from the site these are not considered to represent viable potential sources of contamination.
Waste Exemptions	5 waste exemptions are recorded for a site located 128m to the west for the storage and treatment of non-agricultural waste and recovery of silver. One waste exemption is recorded for a site 178m to the south west for the repair and refurbishment of WEEE. 8 waste exemptions for a site located 216m to the west. Given the distance from the site these are not considered to represent viable potential sources of contamination.

3.3.3 Current Industrial Land Use

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

Table 7. Current Industrial Land Uses

Section	Remarks
Recent Industrial Land Use	A depot located 28m to the south east, an electrical substation 32m south, a garage 43m to the south, recycling depot 55m to the south east, industrial coating and finishing company 74m south west, electrical substation 76m west and a plastic, rubber and silicon factory 81m south. Given the distance from the site these are not considered to represent viable potential sources of contamination.
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	Historical site located 197m south. Given the distance this is not considered to represent viable potential sources of contamination.
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 Licenced Industrial Activities (IPC)	No records are recorded within 100m of the site.
Licenced Industrial Activities (Part A(1))	No records are identified within 100m of the site.
Licenced Industrial Activities (Part A(2)/B)	No records are identified within 100m of the site.

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Section	Remarks
Radioactive Substance Authorisations	No records are identified within 100m of the site.
Licenced 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)	A pollution incident was located 35m to the south east of the site in 2002. This had a minor impact on land and air and the pollutant could affect humans. However, give the distance from the site it is not considered to represent a viable potential source of contamination.
Pollution Inventory Substances / Waste Transfers / Radioactive Waste	No records are identified within 100m of the site.

3.3.4 Sensitive Land Use

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

3.3.5 Railway Infrastructure and Projects

Historical railways and sidings were located 247m to the south west of site, however given the distance from the site they are unlikely to pose an unacceptable threat to end users.

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4. HISTORICAL MAP REVIEW

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

It is noted that each map presents information applicable at the time of the survey (or revision date) and is subject to surveying and cartographic errors and/or advances. Revisions to maps are made at irregular intervals and it is possible that significant developments may have taken place on or within the vicinity of the site that are not shown on the maps.

'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 8. Summary of Significant Features Identified on Historical Maps

Map Details	On-Site	In the Vicinity of the Site
1879 1:2,500	The site comprises part of an open field.	
1898 1:2,500		Gas works located 145m to the south west of site.
1932 1:2,500	The site forms part of depot and destructor works, though no buildings are present on the present-day site area. The nearest building is ~5m to the south west of the site.	
1957 1:1,250	The site is now part of an unspecified works. Three buildings are present in the north of the site. An embankment cutting lines the site boundary in the south west.	The unspecified works extends out to the west and south west of site.
1965-1968 1:1,250		Various additional works and factories are now shown between 25m and 200m to the south including an irrigation machinery factory, jig and mould factory, sheet metal factory, car repair works and an engineering works. An electrical substation is located ~20m to the south and 65m to the west.
1993-1994 1:1,250	The site now appears to form part of a depot. The most easterly building is no longer shown and a new building has been built directly south of the remaining building. A cutting is now shown in the south west of the site to facilitate the access across the depot.	Area surrounding the site to west, south and east is now part of a depot. Area to the north looks to be residential.
2010 Aerial Photo	The site appears to be in use as some form of depot or storage yard.	Fort Road East is now shown to the south west of the site and the depot area which was formerly present to the west is no longer shown.

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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[1].

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 9. 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 Basis of Assessment

The development is to comprise a new commercial building together with areas of soft landscaping where end users can expect to come into contact with the underlying soils and where soil derived dusts may be generated.

The proposed development layout is presented in Appendix A. Should the proposed development plans be altered, a revised risk assessment may be required.

It is noted that an asbestos survey of existing structures and infrastructure[2] was beyond the brief of this report. The risk assessment has been undertaken on the basis that should asbestos be identified within buildings or infrastructure, with particular attention to the possible suspected asbestos cement roof and facia panels, these materials will be removed appropriately by licensed contractors and asbestos materials disposed of in accordance with legal requirements prior to demolition or other works in order to avoid contaminating soils at the site.

5.3 Potential Contamination Sources Identified

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

- Historic use of the site as a depot, destructor and works.

[1] Contaminated Land Risk Assessment: A guide to good practice, CIRIA C552, 2001.
[2] As defined under Section 5(a) of the Control of Asbestos Regulations, 2012.

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- Made ground associated with demolition and development works.

Although various historical works, including a gas works, have been identified in the vicinity of the site, given the distance from the site and the topology of the area (many of these entries are at a lower level than the site) these are not considered to represent viable potential sources of contamination which could impact the site.

5.4 Preliminary Conceptual Model

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

5.5 Recommendations

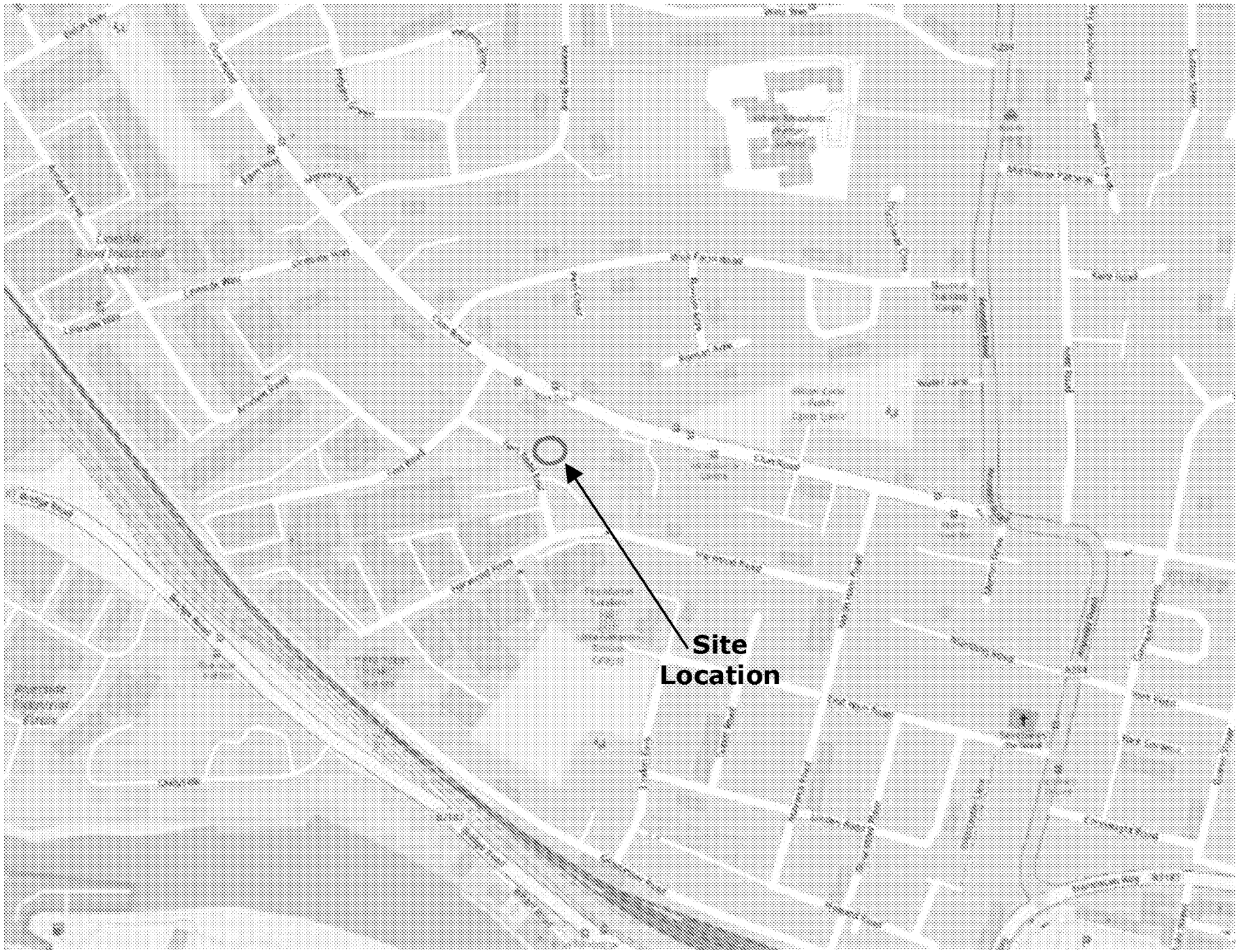
Complete pollutant linkages are considered to be present. It is therefore recommended that an intrusive ground investigation should be undertaken to allow a quantitative assessment to be made of the risks posed to end users and controlled waters.

Ashdown Site Investigation Ltd.

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FIGURES

Figure 1 Site Location Plan



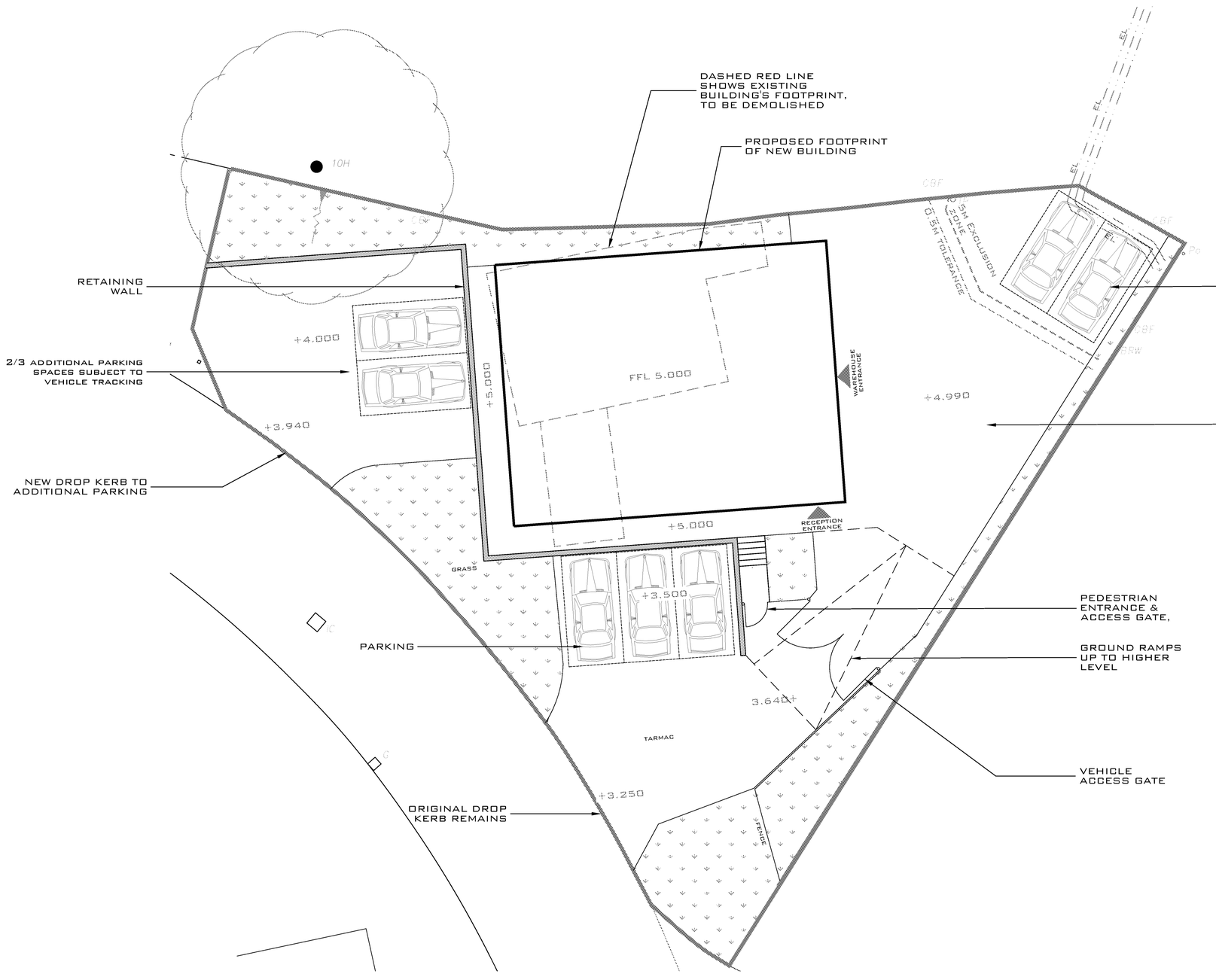
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ASHDOWN SITE INVESTIGATION	Site Location Plan	Site Name	Figure No.	Project Reference
		Land at Fort Road East, Wick, Littlehampton, West	1	P15267

APPENDIX A

Proposed Development Layout

A1 : 841 x 594 File Path: Z:\01 Projects\Cityzen\2100\2106 Fort Road\3 - Project Documentation\3.1 Drawings\02 - CAD\2106 Main.dwg



PROPOSED SITE PLAN

1:100 SCALE @ A1

LEGEND:

- EL ..... Below Ground electric Cable (based on UKPN asset map)
- 5M ~~~~~ 5m exclusion zone (assumed)
- 0.5M ..... 0.5m tolerance added
- ..... existing building, to be demolished
- ..... Proposed footprint as per 'RDJW Architects Limited' drawing no.5886sk01

AREAS:

Existing building footprint = 69sqm

Proposed building footprint = 163sqm

Proposed office space = 180sqm (over 2 floors)

proposed warehouse space = 73sqm (double height space and mezzanine)

N

0M 1M 2M 3M 4M 5M 10M

Scale Bar @ 1:100

NOTES:

- DRAWINGS SHOULD ONLY BE SCALED FOR PLANNING PURPOSES. DO NOT SCALE FROM THIS DRAWING FOR CONSTRUCTION PURPOSES.
- ALL DIMENSIONS ARE IN MM, UNLESS STATED OTHERWISE.
- ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO CONSTRUCTION OR ORDERING.
- ANY ERRORS OR OMISSIONS TO BE NOTIFIED TO CITYZEN IMMEDIATELY.
- CONTRACTOR TO READ & CHECK ALL MANUFACTURES LITERATURE AND IMPLEMENT ITS REQUIREMENTS PRIOR TO INSTALLATION OF ANY MATERIALS AND COMPONENTS.
- CITYZEN IS NOT RESPONSIBLE FOR ANY BUILDING WORK THAT IS CARRIED OUT ON SITE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL NECESSARY ARCHITECTURAL, STRUCTURAL AND SPECIALIST DRAWINGS, SPECIFICATIONS, SCOPES OF WORK & ROOM DATA SHEETS.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM WITH THE RELEVANT BRITISH AND EUROPEAN STANDARD, SPECIFICATIONS AND CODES OF PRACTICE.
- ALL PROPERTY BOUNDARY LINES ARE ASSUMED.
- IF IN ANY DOUBT, ASK.

REV	DATE	REVISION	DRN	CHK	APP
B	07.06.21	Site layout finalised	RS	CS	
A	01.06.21	Simplified to only show footprint of building	RS	CS	

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CIAT Registered Practice

CLIENT:
Cuttings Ltd
C/o Hawes Building Ltd

DESIGNER:
Ainara Goikoetxea

PROJECT:
Fort Road, Littlehampton

TITLE:
PROPOSED SITE PLAN
OPTION 2

SCALE: 1:100 @ A1

DATE: 28.05.21

PURPOSE OF DRAWING:
FOR COMMENT

DRAWING: PROJECT REF - DRG NO. (REVISION)
2106-SK-151(B)

ARUN DISTRICT COUNCIL LU270321 PL CITYZEN IS A TRADING NAME FOR CITYZEN LIMITED, REGISTERED OFFICE: PRESTON PARK HOUSE, BRIGHTON, BN1 6SB. REGISTERED NUMBER: 10534922

APPENDIX B

Existing Topographical Plan

© INTERSECT SURVEYS
NOT TO BE REPRODUCED WITHOUT PERMISSION

N

DATUM NOTES

THE SURVEY GRID SHOWN ON THIS DRAWING IS POSITIONED ON ORDINANCE SURVEY (OS) NATIONAL GRID, OBTAINED BY MULTIPLE NETWORK RTK GPS OBSERVATIONS.

DRAWING UNITS ARE METRES.

ALL LEVELS ARE IN METRES AND ARE ABOVE ORDNANCE SURVEY NEWLYN DATUM DERIVED BY ACTIVE GPS OBSERVATIONS TAKEN OVER AN EXTENDED PERIOD OF TIME.

ALL QUOTED DIMENSIONS ARE IN METRES.

This drawing has been produced for the purpose of the original commissioning agent.
Intersect Surveys will accept no responsibility for details that are subsequently found to be the consequence of undisclosed facts or that were obscured from view at the time of survey or that have been altered since the survey.
All data remains the property of Intersect Surveys until full payment has been received.

ABBREVIATIONS

AB	Air Brick	DH	Dust Height	PRF	Post & Rail Fence
BO	Bollard or Bottom Heights	DP	Down Pipe	PWF	Post & Wire Fence
BB	Betelha Beacon	ECB	Electricity Control Box	R	Render
BO	Back Drop	ELEC	Electricity	RAD	Radiator
BH	Bowstow or Beam Height	EP	Electricity Pole	RE	Roadsing Eye
BP	Bollard Post	FB	Flower Bed	RG	Roadsing Guard
BP	Brick Pierces	FH	Fanhydrant	RS	Road Sign
BRW	Brick Retaining Wall	FL	Floor Level	RSJ	Richell Steel Joist
BS	Bus Stop	G	Gully	RWP	Rainwater Pipe
BT	British Telecom	GV	Gate Valve	S	Spread or Stone
BTCB	BT Control Box	H	Height in Metres	SC	Stop Cock
BW	Brick Wall	H	Window Head Height	SL	Soffit Level or Skylight
BWF	Barbed Wire Fence	HT	Height	SP	Arch Sponge Height
C	Cover Level or Light	IC	Inspection Cover	SPB	Sprinkler Sprung Bollard
CB	Control Box	IL	Invert Level	SW	Stone Wall
CBF	Close Boarded Fence	IRF	Iron Rail ing Fence	TCSU	Traffic Control
CBW	Concrete Block Wall	IWF	Interwoven Fence	T	Top Heights
CCB	Cable TV Control Box	KO	Kerb Outlet	TL	Traffic Light
CCF	Close Coarse Mesh Fence	L	Lamp	TP	Telegraph Pole
CL	Cover Level	LP	Lamp Post	UTL	Unable To Lift
CLF	Chain Link Fence	MH	Manhole	UTT	Unable To Trace
CMF	Chain Link Mesh Fence	MKR	Marker	V	Vent
CPB	Concrete Paving Bollard	OH	Overhead Pipe	VP	Vent Pipe
CPS	Concrete Paving Slabs	OP	Open Pipe	W	Window
CR	Arch Crown Height	P	Post	WL	Water Level
CRW	Concrete Retaining Wall	PALF	Palisade Fence	WM	Water Meter
CS	Cover Slab	PF	Picket Fence	WPF	Wooden Panel Fence
CTV	Cable Television	PT	Post Pit	WRF	Wooden Rural Fence
CW	Concrete Wall	PL	Pavement Light	WV	Water Valve
D	Diameter or Drains	PM	Parking Meter	Ø	Diameter

KEY

- Top / Bottom — BANKS
- OVERHEAD CABLES
- EDGE OF VEGETATION
- GATE
- SURVEY STATION
- O.S BENCH MARK

SURVEY STATIONS

Station	Eastings	Northings	Heights
3252	551262.872	1072950.567	5.8918
3526	551248.732	1072945.997	5.727
3576	551242.540	1072923.777	5.2581
3577	551233.179	1072934.161	5.4268
3670	551225.171	1072954.362	5.196

Fort Rd East

Revision	Description	Date

Drawing Status:

INTERSECT SURVEYS
T: 020 3857 4831 M: 07535 236 812
www.intersectsurveys.co.uk

Client: YOUR ENVIRONMENT

Project: FORT ROAD EAST

Title: TOPOGRAPHICAL SURVEY

Drawn:	Surveyed: K.D.	Date: MAR'21
Cad File: 115215-001		Scale@A1 1:200
Drawing Number: 115215-001		Revision

AMENDMENT TO COPYRIGHT NOTICE

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

Land at Fort Road East, Wick, Littlehampton, West Sussex				Preliminary Conceptual Model		P15267	
Potential Source	**Potential Receptor**	**Potential Contaminants**	**Potential Pathway**	**Complete Linkage Present?**	**Probability**	**Consequence**	**Risk**
• Historic use of the site as a depot, destructor and works.	End Users	Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Yes	P2: Low	C2: Minor	Low
			Ingestion of soil and indoor dust	Yes	P2: Low	C2: Minor	Low
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Yes	P2: Low	C2: Minor	Low
			Inhalation of soil vapours	Yes	P2: Low	C2: Minor	Low
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons	Contamination of incoming services	Yes	P1: Very Low	C2: Minor	Very Low
	Groundwater	Petroleum Hydrocarbons	Migration to groundwater	Yes	P1: Very Low	C2: Minor	Very Low
• Made ground associated with demolition and development works.	End Users	Asbestos, Heavy Metals, PAH Compounds and Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Yes	P2: Low	C2: Minor	Low
			Ingestion of soil and indoor dust	Yes	P2: Low	C2: Minor	Low
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Yes	P2: Low	C2: Minor	Low
			Inhalation of soil vapours	Yes	P2: Low	C2: Minor	Low
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons	Contamination of incoming services	Yes	P1: Very Low	C2: Minor	Very Low
	Groundwater	Heavy Metals, PAH Compounds and Petroleum Hydrocarbons	Migration to groundwater	Yes	P1: Very Low	C2: Minor	Very Low

APPENDIX E

Envirocheck Report
Historical Maps

Groundsure
LOCATION INTELLIGENCE

Enviro+Geo
Insight

FORT ROAD COMMUNITY PARK, FORT ROAD, LITTLEHAMPTON, BN17 7ED

Order Details

Date: 29/03/2021

Your ref: YEX1978

Our Ref: GS-7699974

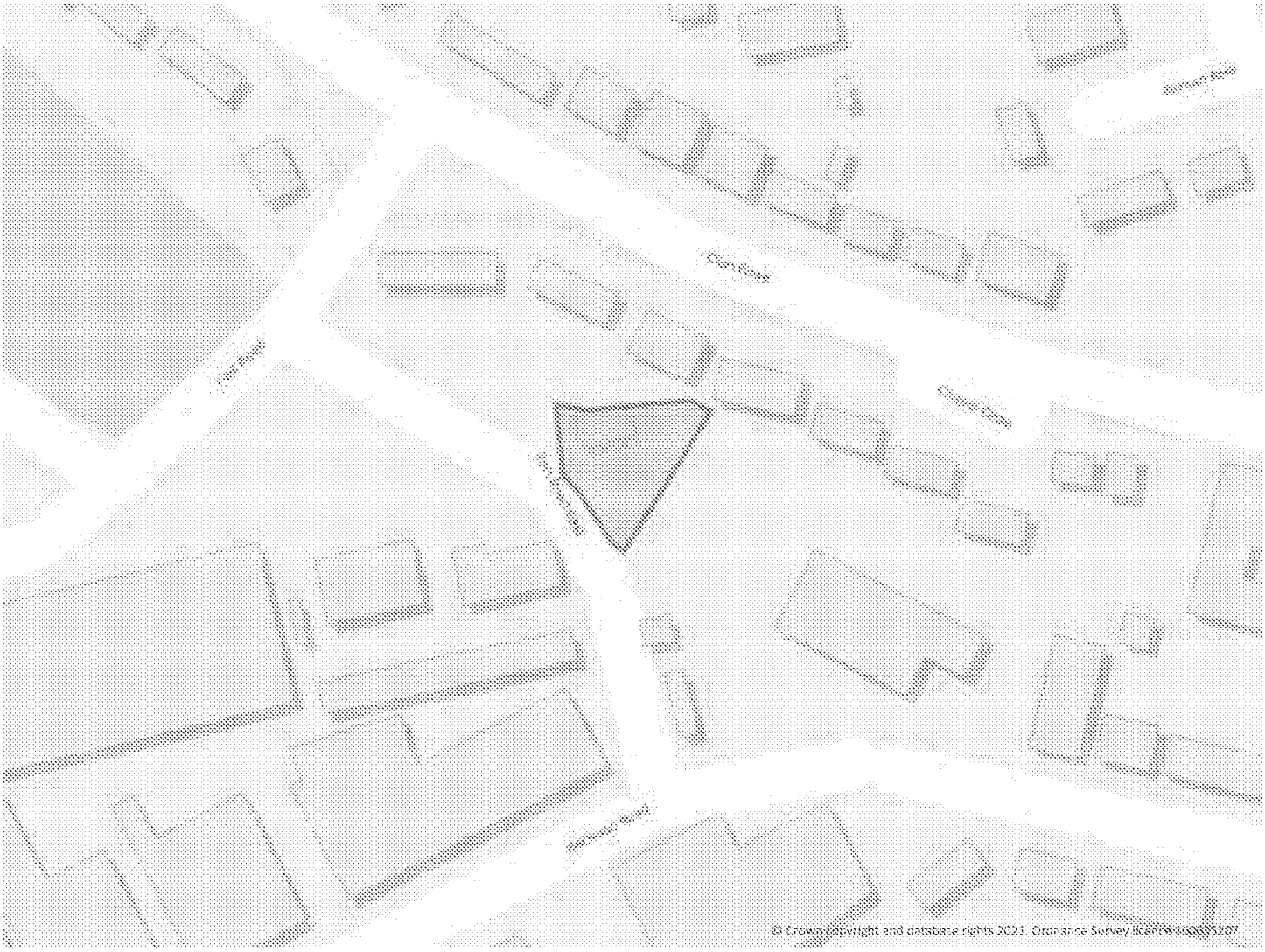
Client: YourEnvironment

Site Details

Location: 502247 102646

Area: 0.07 ha

Authority: Arun District Council



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Summary of findings p. 2

OS MasterMap site plan p.13

Aerial image p. 8

groundsure.com/insightuserguide

Contact us with any questions at:

[redacted]

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	3	1	22	70	-
18	1.2	Historical tanks	0	0	16	27	-
20	1.3	Historical energy features	0	2	24	23	-
22	1.4	Historical petrol stations	0	0	0	0	-
22	1.5	Historical garages	0	0	2	11	-
23	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
24	2.1	Historical industrial land uses	4	3	32	88	-
29	2.2	Historical tanks	0	0	23	42	-
32	2.3	Historical energy features	0	4	38	54	-
35	2.4	Historical petrol stations	0	0	0	0	-
36	2.5	Historical garages	0	0	2	16	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
37	3.1	Active or recent landfill	0	0	0	0	-
37	3.2	Historical landfill (BGS records)	0	0	0	0	-
38	3.3	Historical landfill (LA/mapping records)	0	0	0	2	-
38	3.4	Historical landfill (EA/NRW records)	0	0	0	1	-
38	3.5	Historical waste sites	3	0	0	0	-
39	3.6	Licensed waste sites	0	0	4	1	-
41	3.7	Waste exemptions	0	0	15	28	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
46	4.1	Recent industrial land uses	0	3	48	-	-
50	4.2	Current or recent petrol stations	0	0	0	0	-
50	4.3	Electricity cables	0	0	0	0	-
50	4.4	Gas pipelines	0	0	0	0	-
50	4.5	Sites determined as Contaminated Land	0	0	0	0	-

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51	4.6	Control of Major Accident Hazards (COMAH)	0	0	1	0	-
51	4.7	Regulated explosive sites	0	0	0	0	-
51	4.8	Hazardous substance storage/usage	0	0	2	0	-
52	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
52	4.10	Licensed industrial activities (Part A(1))	0	0	28	0	-
57	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	5	-
58	4.12	Radioactive Substance Authorisations	0	0	0	0	-
58	4.13	Licensed Discharges to controlled waters	0	0	0	15	-
61	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
61	4.15	Pollutant release to public sewer	0	0	0	0	-
61	4.16	List 1 Dangerous Substances	0	0	0	0	-
61	4.17	List 2 Dangerous Substances	0	0	0	0	-
61	4.18	Pollution Incidents (EA/NRW)	0	1	0	6	-
62	4.19	Pollution inventory substances	0	0	0	0	-
63	4.20	Pollution inventory waste transfers	0	0	1	0	-
64	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
65	5.1	Superficial aquifer	Identified (within 500m)				
66	5.2	Bedrock aquifer	Identified (within 500m)				
67	5.3	Groundwater vulnerability	Identified (within 50m)				
68	5.4	Groundwater vulnerability- soluble rock risk	Identified (within 0m)				
68	5.5	Groundwater vulnerability- local information	None (within 0m)				
69	5.6	Groundwater abstractions	0	0	0	1	15
73	5.7	Surface water abstractions	0	0	0	0	4
74	5.8	Potable abstractions	0	0	0	0	0
74	5.9	Source Protection Zones	0	0	0	0	-
74	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
75	6.1	Water Network (OS MasterMap)	0	0	0	-	-

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75	6.2	Surface water features	0	0	0	-	-
76	6.3	WFD Surface water body catchments	1	-	-	-	-
76	6.4	WFD Surface water bodies	0	0	0	-	-
76	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
78	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	Low (within 50m)				
79	7.2	Historical Flood Events	0	0	0	-	-
79	7.3	Flood Defences	0	0	0	-	-
79	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
79	7.5	Flood Storage Areas	0	0	0	-	-
80	7.6	Flood Zone 2	Identified (within 50m)				
81	7.7	Flood Zone 3	Identified (within 50m)				
Page	Section	Surface water flooding					
82	8.1	Surface water flooding	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
84	9.1	Groundwater flooding	Moderate-High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
85	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	1
86	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
86	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
86	10.4	Special Protection Areas (SPA)	0	0	0	0	0
86	10.5	National Nature Reserves (NNR)	0	0	0	0	0
87	10.6	Local Nature Reserves (LNR)	0	0	0	0	1
87	10.7	Designated Ancient Woodland	0	0	0	0	0
87	10.8	Biosphere Reserves	0	0	0	0	0
87	10.9	Forest Parks	0	0	0	0	0
88	10.10	Marine Conservation Zones	0	0	0	0	0
88	10.11	Green Belt	0	0	0	0	0
88	10.12	Proposed Ramsar sites	0	0	0	0	0

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88	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
88	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
89	10.15	Nitrate Sensitive Areas	0	0	0	0	0
89	**10.16**	**Nitrate Vulnerable Zones**	0	0	0	0	2
90	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
91	**10.18**	**SSSI Units**	0	0	0	0	3
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
93	11.1	World Heritage Sites	0	0	0	-	-
93	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
93	11.3	National Parks	0	0	0	-	-
93	11.4	Listed Buildings	0	0	0	-	-
94	11.5	Conservation Areas	0	0	0	-	-
94	11.6	Scheduled Ancient Monuments	0	0	0	-	-
94	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
95	**12.1**	**Agricultural Land Classification**	Urban (within 250m)				
96	12.2	Open Access Land	0	0	0	-	-
96	12.3	Tree Felling Licences	0	0	0	-	-
96	12.4	Environmental Stewardship Schemes	0	0	0	-	-
96	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
97	13.1	Priority Habitat Inventory	0	0	0	-	-
97	13.2	Habitat Networks	0	0	0	-	-
97	13.3	Open Mosaic Habitat	0	0	0	-	-
97	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
98	**14.1**	**10k Availability**	Identified (within 500m)				
99	14.2	Artificial and made ground (10k)	0	0	0	0	-
100	**14.3**	**Superficial geology (10k)**	2	0	1	0	-

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101	14.4	Landslip (10k)	0	0	0	0	-
102	14.5	Bedrock geology (10k)	1	0	0	0	-
103	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
104	15.1	50k Availability	Identified (within 500m)				
105	15.2	Artificial and made ground (50k)	0	0	0	0	-
105	15.3	Artificial ground permeability (50k)	0	0	-	-	-
106	15.4	Superficial geology (50k)	2	0	1	0	-
107	15.5	Superficial permeability (50k)	Identified (within 50m)				
107	15.6	Landslip (50k)	0	0	0	0	-
107	15.7	Landslip permeability (50k)	None (within 50m)				
108	15.8	Bedrock geology (50k)	1	0	0	0	-
109	15.9	Bedrock permeability (50k)	Identified (within 50m)				
109	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
110	16.1	BGS Boreholes	0	0	2	-	-
Page	Section	Natural ground subsidence					
111	17.1	Shrink swell clays	Negligible (within 50m)				
112	17.2	Running sands	Very low (within 50m)				
113	17.3	Compressible deposits	Negligible (within 50m)				
114	17.4	Collapsible deposits	Very low (within 50m)				
115	17.5	Landslides	Very low (within 50m)				
116	17.6	Ground dissolution of soluble rocks	Very low (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
118	18.1	Natural cavities	0	0	0	0	-
119	18.2	BritPits	0	0	0	3	-
119	18.3	Surface ground workings	3	0	3	-	-
120	18.4	Underground workings	0	0	0	0	0
120	18.5	Historical Mineral Planning Areas	0	0	0	0	-

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120	**18.6**	**Non-coal mining**	0	0	1	0	0
121	18.7	Mining cavities	0	0	0	0	0
121	18.8	JPB mining areas	None (within 0m)				
121	18.9	Coal mining	None (within 0m)				
121	18.10	Brine areas	None (within 0m)				
121	18.11	Gypsum areas	None (within 0m)				
122	18.12	Tin mining	None (within 0m)				
122	18.13	Clay mining	None (within 0m)				

Page	Section	Radon	
123	**19.1**	**Radon**	Between 1% and 3% (within 0m)

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
124	**20.1**	**BGS Estimated Background Soil Chemistry**	2	0	-	-	-
124	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
124	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
125	21.1	Underground railways (London)	0	0	0	-	-
125	21.2	Underground railways (Non-London)	0	0	0	-	-
126	21.3	Railway tunnels	0	0	0	-	-
126	**21.4**	**Historical railway and tunnel features**	0	0	4	-	-
126	21.5	Royal Mail tunnels	0	0	0	-	-
127	21.6	Historical railways	0	0	0	-	-
127	21.7	Railways	0	0	0	-	-
127	21.8	Crossrail 1	0	0	0	0	-
127	21.9	Crossrail 2	0	0	0	0	-
127	21.10	HS2	0	0	0	0	-

ARUN DISTRICT COUNCIL LU/276/21/PL

Recent aerial photograph



Capture Date: 28/06/2018

Site Area: 0.07ha

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

Recent site history - 2015 aerial photograph



Capture Date: 20/05/2015

Site Area: 0.07ha

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

Recent site history - 2012 aerial photograph



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Capture Date: 13/09/2012

Site Area: 0.07ha

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

Recent site history - 2010 aerial photograph



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Capture Date: 24/04/2010

Site Area: 0.07ha

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

Recent site history - 1999 aerial photograph

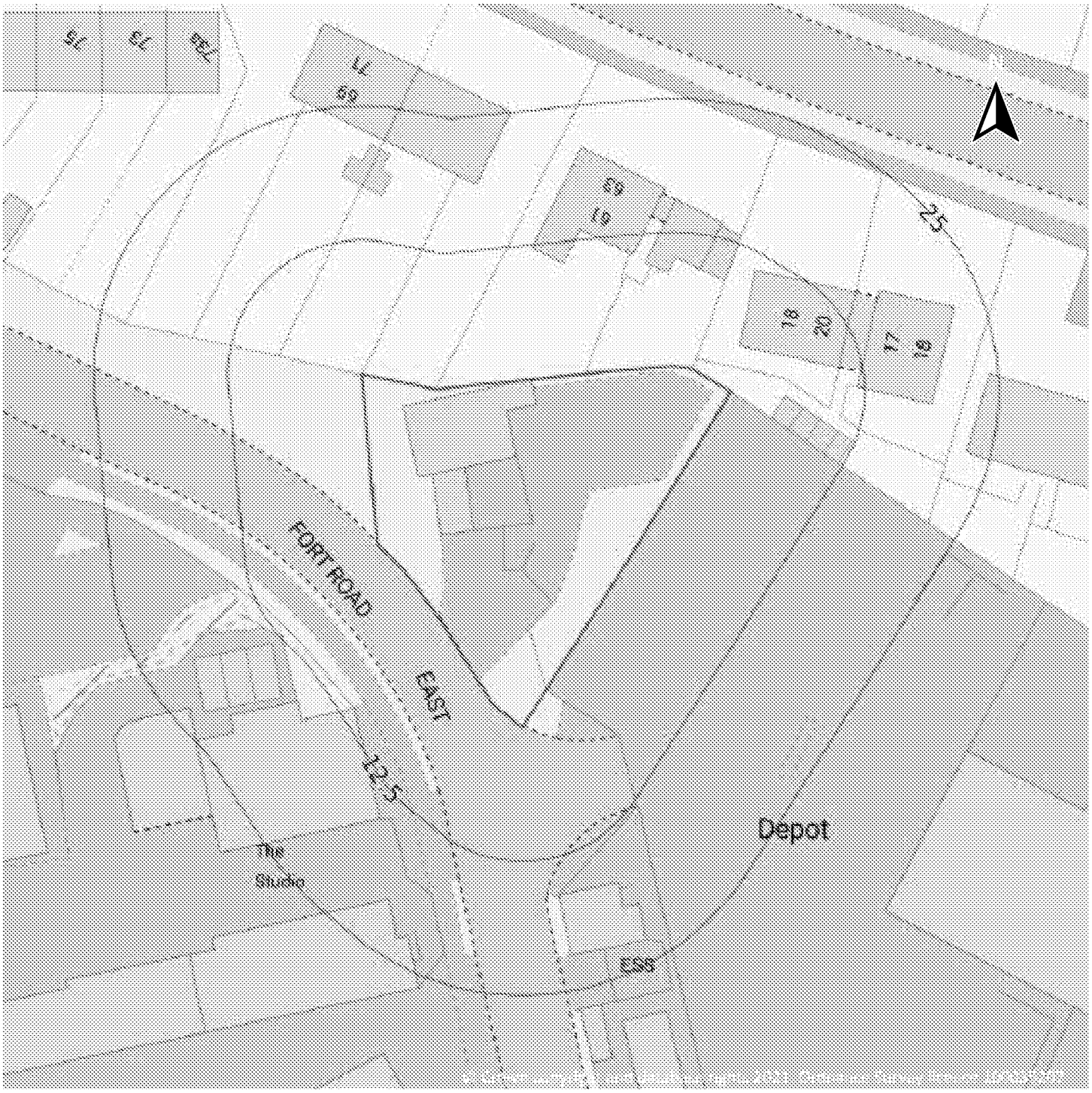


Capture Date: 06/09/1999

Site Area: 0.07ha

ARUN DISTRICT COUNCIL LU/276/21/PL

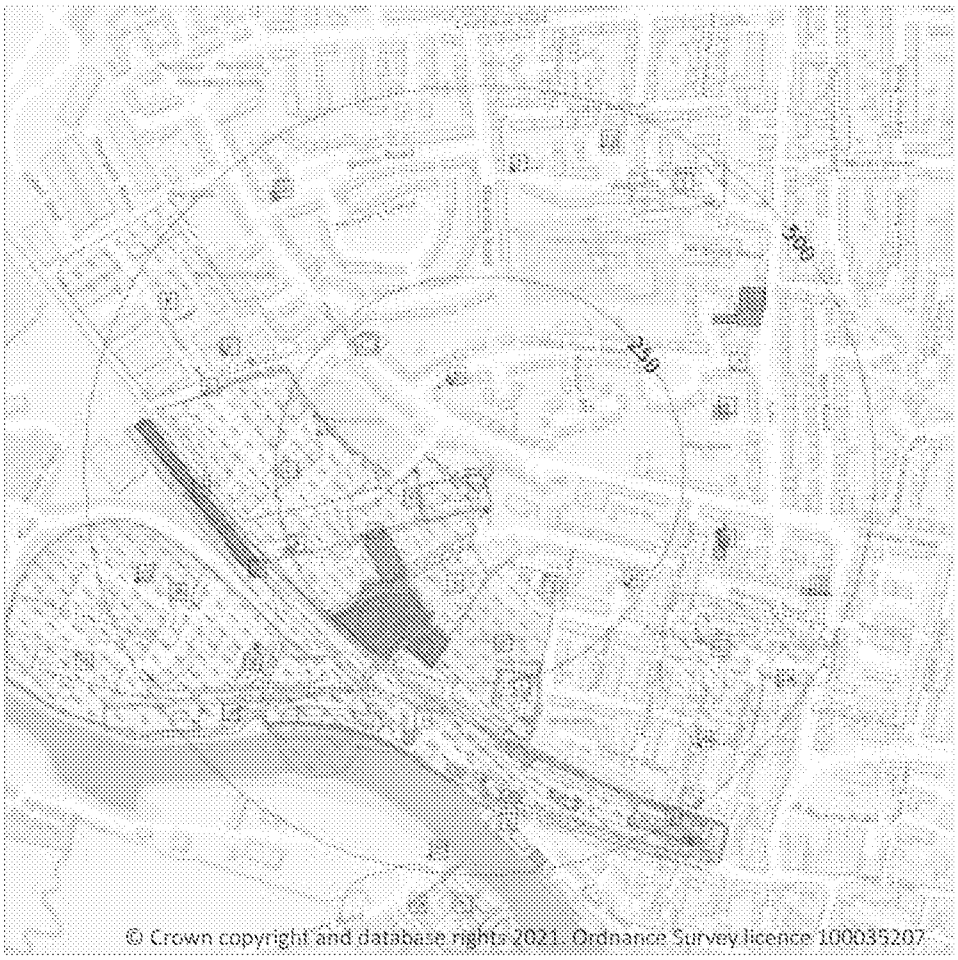
OS MasterMap site plan



Site Area: 0.07ha

ARUN DISTRICT COUNCIL LU/276/21/PL

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	96

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 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Works	1957	2233491

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Depot and Destructor Works**	**1938**	**2276720**
A	**On site**	**Depot and Destructor Works**	**1932**	**2283556**
B	2m SW	Unspecified Works	1974 - 1992	2261301
C	63m W	Works	1957	2157083
1	70m S	Unspecified Works	1974	2159223
2	97m SE	Unspecified Works	1957	2187535
C	101m W	Unspecified Works	1957 - 1992	2189785
E	139m SW	Unspecified Commercial/Industrial	1932 - 1938	2210340
3	141m SE	Ambulance Station	1992	2158235
E	144m SW	Gas Works	1896 - 1910	2243100
E	167m SW	Unspecified Tanks	1938	2143529
E	167m SW	Gasometers	1896 - 1910	2261596
E	167m SW	Unspecified Tank	1932	2153134
F	186m NW	Cuttings	1932	2290395
F	191m NW	Cuttings	1938	2262244
F	191m NW	Cuttings	1910	2262744
E	196m S	Gasometer	1974	2189773
E	198m SW	Unspecified Tank	1932	2153133
E	198m SW	Gasometer	1974	2139725
E	198m SW	Unspecified Tank	1981 - 1992	2211478
E	201m S	Unspecified Tank	1932 - 1938	2237176
E	201m S	Gasometer	1910	2265822
I	230m S	Unspecified Works	1974 - 1992	2294442
I	234m S	Works	1957	2157089
I	247m SW	Railway Sidings	1910	2220203
J	252m SW	Railway Sidings	1932	2263639
J	252m SW	Railway Sidings	1938	2171522
5	256m SW	Railway Sidings	1957	2195363

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
J	258m SW	Railway Sidings	1957	2254027
J	265m SW	Unspecified Pit	1910	2123478
K	267m NW	Unspecified Works	1974 - 1981	2206980
I	270m S	Railway Sidings	1876	2169665
I	277m S	Laundry	1910	2132344
J	279m SW	Railway Building	1957	2147854
I	281m S	Railway Sidings	1957	2176575
J	285m SW	Unspecified Wharf	1910	2225560
J	286m S	Unspecified Commercial/Industrial	1938	2130592
L	288m SE	Brick Works	1896	2147581
I	290m S	Cuttings	1896	2129039
M	298m W	Railway Station	1957	2152583
J	299m S	Railway Building	1910	2147855
N	304m SW	Unspecified Works	1974	2288957
N	306m SW	Industrial Estate	1992	2138427
N	306m SW	Incubator Works	1981	2152333
J	307m SW	Railway Buildings	1876	2277198
J	309m SW	Railway Buildings	1932	2264868
J	312m SW	Railway Building	1896 - 1910	2215246
I	314m S	Railway Building	1876	2147856
J	316m S	Railway Buildings	1876	2163298
J	323m S	Railway Building	1932	2207113
J	325m S	Railway Building	1938	2277620
J	325m SW	Unspecified Wharf	1981	2283430
I	327m S	Railway Building	1957	2243374
I	327m S	Railway Building	1896	2188296
L	328m SE	Unspecified Pit	1896	2123481
I	329m S	Railway Building	1876	2208756

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
I	329m S	Railway Building	1896 - 1910	2219553
I	329m S	Railway Building	1938	2257933
I	331m S	Railway Building	1932	2289700
L	344m SE	Unspecified Tank	1896	2153145
J	345m SW	Unspecified Wharf	1974 - 1992	2253196
Q	345m SW	Unspecified Heap	1957	2135660
I	353m S	Railway Building	1938 - 1957	2196367
I	355m S	Railway Building	1932	2264568
S	384m NE	Nursery	1957	2283704
I	387m S	Railway Building	1957	2190584
I	388m S	Railway Building	1896	2186174
I	389m S	Railway Buildings	1932	2238137
I	389m S	Railway Buildings	1910	2200994
I	289m S	Railway Buildings	1938	2210074
I	392m S	Railway Building	1957	2147857
I	407m S	Railway Building	1876	2147858
I	409m S	Railway Building	1957	2241029
I	410m S	Railway Building	1957	2191597
I	410m S	Railway Building	1932	2224015
I	410m S	Railway Building	1876 - 1910	2228526
I	413m S	Railway Building	1938	2271751
V	421m S	Unspecified Wharves	1910	2140487
U	439m SW	Railway Building	1932	2147851
V	443m S	Unspecified Wharf	1974 - 1992	2201304
X	452m SE	Railway Station	1957 - 1992	2235457
X	457m SE	Railway Station	1957	2175147
X	462m SE	Police Station	1876	2242705
X	465m SE	Railway Station	1932	2179028

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
X	468m SE	Railway Station	1938	2243665
X	468m SE	Railway Station	1896 - 1910	2289459
X	471m SE	Police Station	1957	2177852
X	473m SE	Police Station	1957	2181738
U	477m SW	Railway Building	1932	2147852
Y	488m S	Ship Building Yard	1876	2271231
X	489m SE	Railway Station	1876	2268288
Y	490m S	Timber Dock	1896	2176915
Y	490m S	Ship Building Yard	1910	2227067
16	494m S	Rope Walk	1876	2128372
X	496m SE	Railway Building	1932	2147861

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	43

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 14**

ID	Location	Land use	Dates present	Group ID
E	148m SW	Gas Works	1898 - 1911	388490
E	157m SW	Gas Holder Station	1968 - 1976	386159
E	168m SW	Unspecified Tank	1932	359094
E	168m SW	Gasometer	1898 - 1911	401554
E	185m SW	Gasholder Station	1995	374600
E	200m SW	Unspecified Tank	1932	359092
E	200m SW	Gasometer	1898 - 1911	382529

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
E	200m S	Unspecified Tank	1932 - 1957	402410
E	201m S	Gas Holder	1968 - 1976	384877
E	201m S	Unspecified Tank	1957	406299
E	201m SW	Gasholder	1968 - 1976	401768
E	202m SW	Gasholder	1995	408557
E	204m S	Gasometer	1911	373787
E	214m SW	Unspecified Tank	1932	359093
4	241m W	Tanks	1968	374853
E	249m SW	Unspecified Tank	1995	359091
I	297m S	Unspecified Tank	1898	359081
J	308m SW	Unspecified Tank	1879	359082
J	326m SW	Unspecified Tank	1976 - 1995	408537
I	342m S	Unspecified Tank	1957	400584
I	342m S	Unspecified Tank	1957	394802
I	342m S	Unspecified Tank	1968	401953
L	347m SE	Unspecified Tank	1898	359102
P	348m NW	Unspecified Tank	1984 - 1991	386797
P	349m NW	Unspecified Tank	1995	384411
P	356m NW	Unspecified Tank	1984 - 1995	381940
J	365m SW	Unspecified Tank	1976 - 1995	395389
I	399m S	Unspecified Tank	1957	382833
I	400m S	Unspecified Tank	1957 - 1968	411419
K	412m NW	Unspecified Tank	1984 - 1995	382164
U	413m SW	Unspecified Tank	1982	359083
9	415m W	Unspecified Tank	1984 - 1992	383762
U	415m SW	Unspecified Tank	1982	398925
U	415m SW	Unspecified Tank	1970	394719
U	415m SW	Unspecified Tank	1974	408182

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
U	416m SW	Unspecified Tank	1984	390494
U	416m SW	Unspecified Tank	-	358828
U	419m SW	Unspecified Tank	1970	382694
U	420m SW	Unspecified Tank	-	358897
12	445m N	Unspecified Tank	1974 - 1994	405348
S	445m NE	Tanks	1957	408583
U	474m SW	Unspecified Tank	1970 - 1982	407549
U	476m SW	Unspecified Tank	-	359025

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m **49**

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 14**

ID	Location	Land use	Dates present	Group ID
A	21m S	Electricity Substation	-	240326
A	22m S	Electricity Substation	1968 - 1993	282197
A	65m W	Electricity Substation	1968 - 1993	265864
A	65m W	Electricity Substation	-	240206
D	110m N	Electricity Substation	1984 - 1993	261101
D	111m N	Electricity Substation	1968	241066
D	112m N	Electricity Substation	-	240325
E	148m SW	Gas Works	1898 - 1911	262140
E	157m SW	Gas Holder Station	1968 - 1976	267455
E	168m SW	Gasometer	1898 - 1911	263316

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
E	185m SW	Electricity Substation	1968 - 1976	274294
E	185m SW	Gasholder Station	1995	251741
E	185m SW	Electricity Substation	1995	268844
G	196m W	Electricity Substation	-	240759
G	196m W	Electricity Substation	1968	241067
E	200m SW	Gasometer	1898 - 1911	268740
E	201m S	Gas Holder	1968 - 1976	288845
E	201m SW	Gasholder	1968 - 1976	281358
E	202m SW	Gasholder	1995	260820
E	204m S	Gasometer	1911	251269
G	207m W	Electricity Substation	1984 - 1993	270497
H	224m SE	Electricity Substation	-	240760
H	224m SE	Electricity Substation	1984 - 1992	277249
H	224m SE	Electricity Substation	1968	273085
I	241m S	Electricity Substation	1976 - 1995	284923
E	247m SW	Electricity Substation	1976 - 1995	265380
6	298m E	Electricity Substation	1994	241071
P	311m NW	Electricity Substation	1984 - 1995	284182
7	339m NE	Electricity Substation	1994	241072
Q	348m SW	Electricity Substation	1982 - 1992	274122
Q	348m SW	Electricity Substation	-	240960
Q	351m SW	Electricity Substation	1970 - 1974	270492
8	355m W	Electricity Substation	1974 - 1995	267306
I	363m S	Electricity Substation	1968	241065
I	372m S	Electricity Substation	1976	286251
I	375m S	Electricity Substation	1995	276815
T	390m N	Electricity Substation	1979 - 1991	266156
T	390m N	Electricity Substation	1994	281436

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
K	417m NW	Electricity Substation	1984 - 1995	290422
10	430m NW	Electricity Substation	1969 - 1991	287985
W	436m SE	Electricity Substation	1978 - 1987	268144
W	437m SE	Electricity Substation	1968 - 1994	263592
13	449m W	Electricity Substation	1984 - 1995	265192
U	455m SW	Electricity Substation	1970 - 1992	276900
U	456m SW	Electricity Substation	-	240621
14	463m SE	Electricity Substation	1987	275519
15	476m S	Electricity Substation	1995	241063
N	487m SW	Electricity Substation	1984 - 1992	262194
N	487m SW	Electricity Substation	1974	275819

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	13

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 14**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land use	Dates present	Group ID
B	126m SW	Car Body Repair Works	-	72989
B	127m SW	Car Body Repair Works	1968	74224
M	291m SW	Carriage Shed	-	72937
M	292m SW	Carriage Shed	1995	78491
M	292m SW	Carriage Shed	1970 - 1982	83157
M	292m SW	Carriage Shed	1984 - 1991	83053
O	304m E	Garage	1965	76200
O	313m E	Garage	1984 - 1994	82480
O	314m E	Garage	-	72979
R	348m NE	Garage	1965 - 1984	81391
R	348m NE	Garage	-	72853
11	434m E	Garage	1965	73014
V	472m S	Garage	1968	73015

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

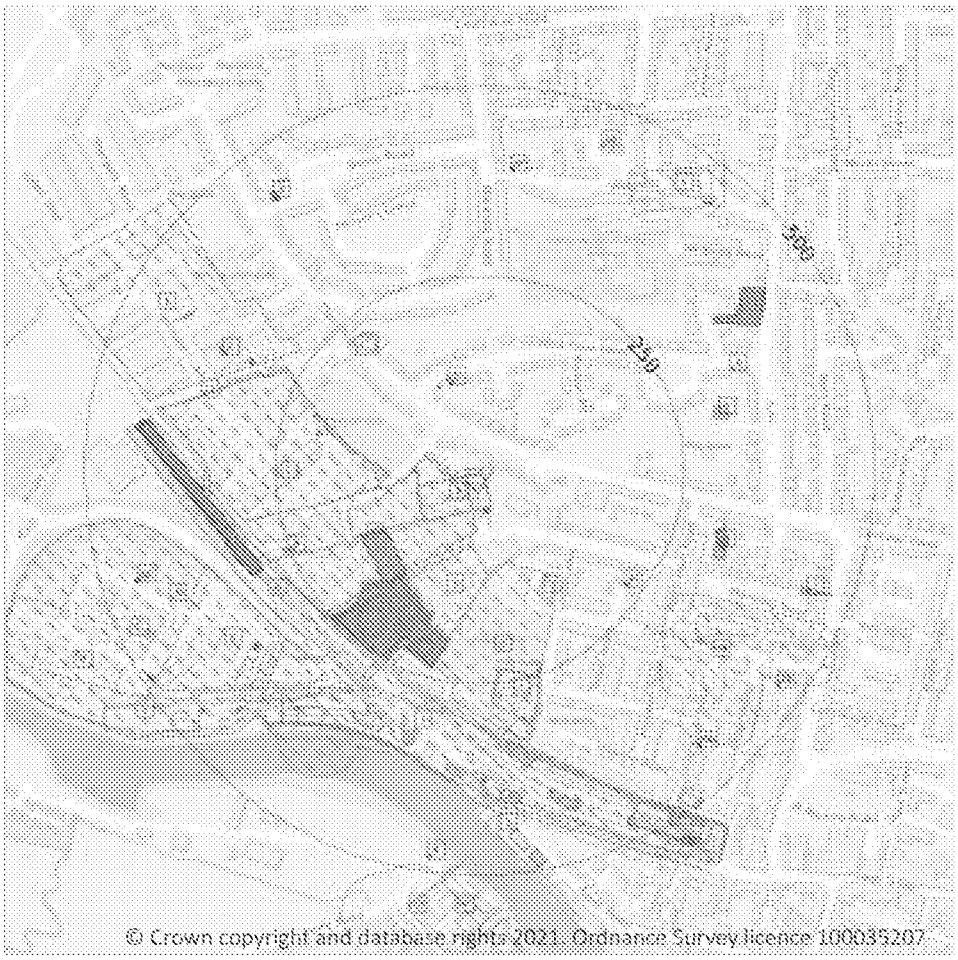
Records within 500m	0

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.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	127

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 24**

ID	Location	Land Use	Date	Group ID
A	On site	Depot and Destructor Works	1938	2276720
A	On site	Unspecified Works	1957	2233491
A	On site	Depot and Destructor Works	1932	2283556

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Date	Group ID
A	**On site**	**Depot and Destructor Works**	**1932**	**2283556**
B	2m SW	Unspecified Works	1992	2261301
B	2m SW	Unspecified Works	1981	2261301
B	2m SW	Unspecified Works	1974	2261301
C	63m W	Works	1957	2157083
1	70m S	Unspecified Works	1974	2159223
2	97m SE	Unspecified Works	1957	2187535
C	101m W	Unspecified Works	1992	2189785
C	101m W	Unspecified Works	1981	2189785
C	101m W	Unspecified Works	1974	2189785
C	101m W	Unspecified Works	1957	2189785
E	139m SW	Unspecified Commercial/Industrial	1992	2210340
3	141m SE	Ambulance Station	1992	2158235
E	144m SW	Unspecified Commercial/Industrial	1938	2210340
E	144m SW	Gas Works	1910	2243100
E	153m SW	Gas Works	1896	2243100
E	167m SW	Unspecified Tanks	1938	2143529
E	167m SW	Gasometers	1910	2261596
E	167m SW	Gasometers	1896	2261596
E	167m SW	Unspecified Tank	1992	2153134
F	186m NW	Cuttings	1992	2290395
F	191m NW	Cuttings	1938	2262244
F	191m NW	Cuttings	1910	2262744
E	196m S	Gasometer	1974	2189773
E	198m SW	Unspecified Tank	1992	2153133
E	198m SW	Unspecified Tank	1992	2211478
E	198m SW	Unspecified Tank	1981	2211478
E	198m SW	Gasometer	1974	2139725

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Date	Group ID
E	201m S	Unspecified Tank	1938	2237176
E	201m S	Gasometer	1910	2265822
E	202m S	Unspecified Tank	1932	2237176
I	230m S	Unspecified Works	1992	2294442
I	230m S	Unspecified Works	1981	2294442
I	230m S	Unspecified Works	1974	2294442
I	234m S	Works	1957	2157089
I	247m SW	Railway Sidings	1910	2220203
J	252m SW	Railway Sidings	1932	2263639
J	252m SW	Railway Sidings	1938	2171522
K	256m SW	Railway Sidings	1957	2195363
I	258m SW	Railway Sidings	1957	2254027
J	265m SW	Unspecified Pit	1910	2123478
L	267m NW	Unspecified Works	1981	2206980
L	267m NW	Unspecified Works	1974	2206980
K	269m SW	Railway Sidings	1957	2195363
I	270m S	Railway Sidings	1876	2169665
I	277m S	Laundry	1910	2132344
J	279m SW	Railway Building	1957	2147854
I	281m S	Railway Sidings	1957	2176575
J	285m SW	Unspecified Wharf	1910	2225560
J	286m S	Unspecified Commercial/Industrial	1938	2130592
M	288m SE	Brick Works	1896	2147581
I	290m S	Cuttings	1896	2129039
N	298m W	Railway Station	1957	2152583
J	299m S	Railway Building	1910	2147855
O	304m SW	Unspecified Works	1974	2288957
O	306m SW	Industrial Estate	1992	2138427

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Date	Group ID
Q	306m SW	Incubator Works	1981	2152333
J	307m SW	Railway Buildings	1876	2277198
J	309m SW	Railway Buildings	1932	2264868
J	312m SW	Railway Building	1910	2215246
J	312m SW	Railway Building	1896	2215246
I	314m S	Railway Building	1876	2147856
J	316m S	Railway Buildings	1876	2163298
J	323m S	Railway Building	1932	2207113
J	325m SW	Unspecified Wharf	1981	2283430
J	325m S	Railway Building	1938	2277620
I	327m S	Railway Building	1957	2243374
I	327m S	Railway Building	1896	2188296
M	328m SE	Unspecified Pit	1896	2123481
I	329m S	Railway Building	1876	2208756
I	329m S	Railway Building	1938	2257933
I	329m S	Railway Building	1910	2219553
I	329m S	Railway Building	1896	2219553
I	331m S	Railway Building	1932	2289700
S	339m SW	Railway Sidings	1957	2254027
M	344m SE	Unspecified Tank	1896	2153145
J	345m SW	Unspecified Wharf	1992	2233196
J	345m SW	Unspecified Wharf	1981	2233196
J	345m SW	Unspecified Wharf	1974	2233196
O	345m SW	Unspecified Heap	1957	2135660
I	353m S	Railway Building	1957	2196867
I	355m S	Railway Building	1932	2264868
I	358m S	Railway Building	1938	2196867
V	384m NE	Nursery	1957	2283704

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Date	Group ID
I	387m S	Railway Building	1957	2190584
I	388m S	Railway Building	1896	2186174
I	389m S	Railway Buildings	1932	2238137
I	389m S	Railway Buildings	1938	2210074
I	389m S	Railway Buildings	1910	2260994
I	392m S	Railway Building	1957	2147857
I	407m S	Railway Building	1876	2147858
I	409m S	Railway Building	1957	2241029
I	410m S	Railway Building	1957	2191597
I	410m S	Railway Building	1876	2228526
I	410m S	Railway Building	1932	2224015
I	413m S	Railway Building	1938	2271751
I	413m S	Railway Building	1910	2228526
I	413m S	Railway Building	1896	2228526
Y	421m S	Unspecified Wharves	1910	2140487
S	439m SW	Railway Building	1932	2147851
8	442m SW	Unspecified Works	1974	2288957
Y	443m S	Unspecified Wharf	1992	2201904
Y	443m S	Unspecified Wharf	1981	2201904
Y	443m S	Unspecified Wharf	1974	2201904
V	447m NE	Nursery	1957	2283704
AD	452m SE	Railway Station	1992	2235457
AD	452m SE	Railway Station	1981	2235457
AD	452m SE	Railway Station	1974	2235457
AD	452m SE	Railway Station	1957	2235457
AD	457m SE	Railway Station	1957	2175147
AD	462m SE	Police Station	1876	2242705
AD	465m SE	Railway Station	1932	2179028

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Date	Group ID
AD	468m SE	Railway Station	1938	2243665
AD	468m SE	Railway Station	1910	2289459
AD	468m SE	Railway Station	1896	2289459
AD	471m SE	Police Station	1957	2177852
AD	473m SE	Police Station	1957	2181738
S	477m SW	Railway Building	1932	2147852
AF	488m S	Ship Building Yard	1876	2271231
AD	489m SE	Railway Station	1876	2268283
AF	490m S	Ship Building Yard	1910	2227067
AF	490m S	Timber Dock	1896	2176915
10	494m S	Rope Walk	1876	2128372
AD	496m SE	Railway Building	1932	2147861

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	65

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 24**

ID	Location	Land Use	Date	Group ID
E	148m SW	Gas Works	1911	388490
E	150m SW	Gas Works	1898	388490
E	157m SW	Gas Holder Station	1968	386159
E	157m SW	Gas Holder Station	1976	386159
E	168m SW	Gasometer	1898	401554
E	168m SW	Gasometer	1911	401554
E	168m SW	Unspecified Tank	1932	359094
E	185m SW	Gasholder Station	1965	374600

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ID	Location	Land Use	Date	Group ID
E	200m SW	Gasometer	1898	382529
E	200m SW	Gasometer	1911	382529
E	200m SW	Unspecified Tank	1932	359092
E	200m S	Unspecified Tank	1957	402410
E	201m S	Gas Holder	1968	384877
E	201m S	Gas Holder	1976	384877
E	201m S	Unspecified Tank	1957	406299
E	201m SW	Gasholder	1968	401768
E	201m SW	Gasholder	1976	401768
E	202m SW	Gasholder	1995	408557
E	204m S	Gasometer	1911	373787
E	204m S	Unspecified Tank	1932	402410
E	214m SW	Unspecified Tank	1932	359093
4	241m W	Tanks	1968	374853
E	249m SW	Unspecified Tank	1995	359091
I	297m S	Unspecified Tank	1898	359081
J	308m SW	Unspecified Tank	1879	359082
J	326m SW	Unspecified Tank	1995	408537
J	326m SW	Unspecified Tank	1976	408537
I	342m S	Unspecified Tank	1957	400584
I	342m S	Unspecified Tank	1968	401953
I	342m S	Unspecified Tank	1957	394802
M	347m SE	Unspecified Tank	1898	359102
R	348m NW	Unspecified Tank	1984	386797
R	348m NW	Unspecified Tank	1991	386797
R	349m NW	Unspecified Tank	1995	384411
R	356m NW	Unspecified Tank	1984	381940
R	356m NW	Unspecified Tank	1991	381940

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ID	Location	Land Use	Date	Group ID
R	356m NW	Unspecified Tank	1995	381940
J	365m SW	Unspecified Tank	1995	395389
J	365m SW	Unspecified Tank	1976	395389
I	399m S	Unspecified Tank	1957	388833
I	400m S	Unspecified Tank	1968	411419
I	400m S	Unspecified Tank	1957	411419
L	412m NW	Unspecified Tank	1984	382164
L	412m NW	Unspecified Tank	1991	382164
L	413m NW	Unspecified Tank	1995	382164
S	413m SW	Unspecified Tank	1982	359083
S	415m SW	Unspecified Tank	1982	398925
X	415m W	Unspecified Tank	1984	383762
X	415m W	Unspecified Tank	1992	383762
X	415m W	Unspecified Tank	1992	383762
S	415m SW	Unspecified Tank	1974	408182
S	415m SW	Unspecified Tank	1970	394719
S	416m SW	Unspecified Tank	1984	390494
S	416m SW	Unspecified Tank	-	358828
S	419m SW	Unspecified Tank	1970	382694
S	420m SW	Unspecified Tank	-	358897
AB	445m N	Unspecified Tank	1991	405348
V	445m NE	Tanks	1957	408583
V	445m NE	Tanks	1957	408583
AB	445m N	Unspecified Tank	1974	405348
AB	445m N	Unspecified Tank	1979	405348
AB	445m N	Unspecified Tank	1994	405348
S	474m SW	Unspecified Tank	1982	407549
S	475m SW	Unspecified Tank	1970	407549

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ID	Location	Land Use	Date	Group ID
5	476m SW	Unspecified Tank	-	359025

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	96

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 24**

ID	Location	Land Use	Date	Group ID
A	21m S	Electricity Substation	-	240326
A	22m S	Electricity Substation	1968	283197
A	23m S	Electricity Substation	1984	283197
A	23m S	Electricity Substation	1993	283197
A	65m W	Electricity Substation	1984	265864
A	65m W	Electricity Substation	1993	265864
A	65m W	Electricity Substation	-	240206
A	66m W	Electricity Substation	1968	265864
D	110m N	Electricity Substation	1984	261101
D	110m N	Electricity Substation	1993	261101
D	111m N	Electricity Substation	1968	241066
D	112m N	Electricity Substation	-	240325
E	148m SW	Gas Works	1911	262140
E	150m SW	Gas Works	1898	262140
E	157m SW	Gas Holder Station	1968	267455
E	157m SW	Gas Holder Station	1976	267455
E	168m SW	Gasometer	1898	263316
E	168m SW	Gasometer	1911	263316
E	185m SW	Electricity Substation	1968	274294

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ID	Location	Land Use	Date	Group ID
E	185m SW	Electricity Substation	1976	274294
E	185m SW	Electricity Substation	1995	268844
E	185m SW	Gasholder Station	1995	251741
G	196m W	Electricity Substation	-	240759
G	196m W	Electricity Substation	1968	241067
E	200m SW	Gasometer	1898	268740
E	200m SW	Gasometer	1911	268740
E	201m S	Gas Holder	1968	288845
E	201m S	Gas Holder	1976	288845
E	201m SW	Gasholder	1968	281358
E	201m SW	Gasholder	1976	281358
E	202m SW	Gasholder	1995	260820
E	204m S	Gasometer	1911	251269
G	207m W	Electricity Substation	1984	270497
G	207m W	Electricity Substation	1993	270497
H	224m SE	Electricity Substation	-	240760
H	224m SE	Electricity Substation	1984	277249
H	224m SE	Electricity Substation	1993	277249
H	224m SE	Electricity Substation	1968	273085
I	241m S	Electricity Substation	1976	284923
I	242m S	Electricity Substation	1995	284923
E	247m SW	Electricity Substation	1976	265380
E	247m SW	Electricity Substation	1995	265380
5	298m E	Electricity Substation	1994	241071
R	311m NW	Electricity Substation	1984	284182
R	311m NW	Electricity Substation	1991	284182
R	311m NW	Electricity Substation	1995	284182
6	339m NE	Electricity Substation	1994	241072

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ID	Location	Land Use	Date	Group ID
O	348m SW	Electricity Substation	1982	274122
O	348m SW	Electricity Substation	-	240960
O	349m SW	Electricity Substation	1984	274122
O	349m SW	Electricity Substation	1992	274122
O	349m SW	Electricity Substation	1992	274122
O	351m SW	Electricity Substation	1974	270492
O	351m SW	Electricity Substation	1970	270492
U	355m W	Electricity Substation	1984	267306
U	355m W	Electricity Substation	1991	267306
U	355m W	Electricity Substation	1974	267306
U	355m W	Electricity Substation	1995	267306
I	363m S	Electricity Substation	1968	241065
I	372m S	Electricity Substation	1976	286251
I	275m S	Electricity Substation	1995	276815
W	390m N	Electricity Substation	1991	266156
W	390m N	Electricity Substation	1994	281436
W	390m N	Electricity Substation	1979	266156
L	417m NW	Electricity Substation	1984	290422
L	417m NW	Electricity Substation	1991	290422
L	417m NW	Electricity Substation	1995	290422
Z	430m NW	Electricity Substation	1974	287985
Z	431m NW	Electricity Substation	1969	287985
Z	431m NW	Electricity Substation	1979	287985
Z	431m NW	Electricity Substation	1991	287985
AA	436m SE	Electricity Substation	1978	268144
AA	436m SE	Electricity Substation	1987	268144
AA	437m SE	Electricity Substation	1994	263592
AA	438m SE	Electricity Substation	1968	263592

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ID	Location	Land Use	Date	Group ID
AA	438m SE	Electricity Substation	1984	263592
AA	438m SE	Electricity Substation	1987	263592
AA	438m SE	Electricity Substation	1987	263592
AC	449m W	Electricity Substation	1984	265192
AC	449m W	Electricity Substation	1991	265192
AC	450m W	Electricity Substation	1995	265192
S	455m SW	Electricity Substation	1982	276900
S	456m SW	Electricity Substation	1974	276900
S	456m SW	Electricity Substation	1970	276900
S	456m SW	Electricity Substation	1984	276900
S	456m SW	Electricity Substation	1992	276900
S	456m SW	Electricity Substation	1992	276900
S	456m SW	Electricity Substation	-	240621
AE	463m SE	Electricity Substation	1987	275519
AE	463m SE	Electricity Substation	1987	275519
AE	464m SE	Electricity Substation	1987	275519
9	476m S	Electricity Substation	1995	241063
S	487m SW	Electricity Substation	1984	262194
S	487m SW	Electricity Substation	1992	262194
S	487m SW	Electricity Substation	1992	262194
S	487m SW	Electricity Substation	1974	275819

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.

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2.5 Historical garages

Records within 500m	18

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'.

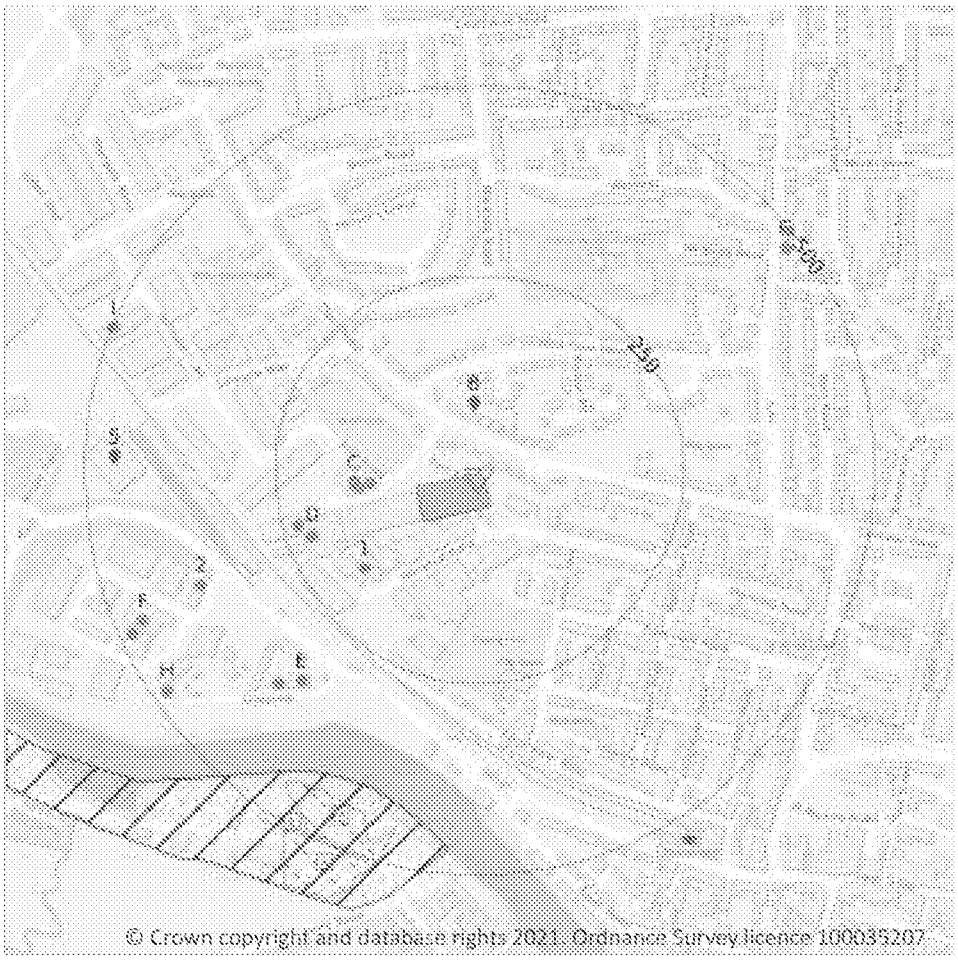
Features are displayed on the Past land use - un-grouped map on **page 24**

ID	Location	Land Use	Date	Group ID
B	126m SW	Car Body Repair Works	-	72989
B	127m SW	Car Body Repair Works	1968	74224
N	291m SW	Carriage Shed	-	72937
N	292m SW	Carriage Shed	1982	83157
N	292m SW	Carriage Shed	1995	78491
N	292m SW	Carriage Shed	1991	83053
N	292m SW	Carriage Shed	1970	83157
N	292m SW	Carriage Shed	1974	83157
N	292m SW	Carriage Shed	1984	83053
P	304m E	Garage	1965	78200
P	313m E	Garage	1984	82480
P	314m E	Garage	1994	82480
P	314m E	Garage	-	72979
T	348m NE	Garage	1984	81391
T	348m NE	Garage	1965	81391
T	348m NE	Garage	-	72853
Z	434m E	Garage	1965	73014
Y	472m S	Garage	1968	73015

This data is sourced from Ordnance Survey / Groundsure.

ARUN DISTRICT COUNCIL LU/276/21/PL

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical landfill (LA/OS)

Historical waste sites

Licensed 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	2

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

Features are displayed on the Waste and landfill map on **page 37**

ID	Location	Site address	Source	Data type
4	438m SW	Refuse Tip	1967 mapping	Polygon
6	500m S	Refuse Tip	1967 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

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.

Features are displayed on the Waste and landfill map on **page 37**

ID	Location	Details		
3	410m S	Site Address: Littlehampton Ferry Road South, Littlehampton, Sussex Licence Holder Address: -	Waste Licence: - Site Reference: WD27/148b Waste Type: Inert, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded: 31/12/1946 Last Recorded: 31/12/1975

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

3.5 Historical waste sites

Records within 500m	3

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 37**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Address	Further Details	Date
A	On site	Site Address: N/A	Type of Site: Depot and Destructor Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1938
A	On site	Site Address: N/A	Type of Site: Depot and Destructor Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1932
A	On site	Site Address: N/A	Type of Site: Depot and Destructor Works Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1932

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

3.6 Licensed waste sites

Records within 500m	5

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

Features are displayed on the Waste and landfill map on **page 37**

ID	Location	Details		
B	84m N	Site Name: Fort Road Industrial Estate Clinical Waste Transfer Station Site Address: Unit A, Fort Road Industrial Estate, Littlehampton, West Sussex, BN17 7QU Correspondence Address: 35, Bishops Cleeve, Austrey, Atherstone, Warwickshire, CV9 3EU	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CU001 EPR reference: - Operator: Cliniserve Ltd Waste Management licence No: 10147 Annual Tonnage: 0	Issue Date: 05/07/2006 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details		
B	84m N	Site Name: Fort Road Industrial Estate Clinical Waste Transfer Station Site Address: Unit A, Fort Road Industrial Estate, Littlehampton, West Sussex, BN17 7QU Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ETH013 EPR reference: FP3895LK/T001 Operator: Ethos Medical & Special Waste Ltd Waste Management licence No: 10147 Annual Tonnage: 5000	Issue Date: 05/07/2006 Effective Date: 05/03/2010 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
B	84m N	Site Name: Fort Road Industrial Estate Clinical Waste Transfer Station Site Address: Unit A, Fort Road Industrial Estate, Littlehampton, West Sussex, BN17 7QU Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: ETH010 EPR reference: CP3196EH/T001 Operator: Ethos Recycling Ltd Waste Management licence No: 10147 Annual Tonnage: 5000	Issue Date: 05/07/2006 Effective Date: 06/04/2009 Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
C	149m W	Site Name: Littlehampton Waste Treatment Plant Site Address: Unit A, Fort Road Industrial Estate, Littlehampton, West Sussex, BN17 7QU Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MED040 EPR reference: EA/EPR/QP3536TW/V004 Operator: Medisort Ltd Waste Management licence No: 10147 Annual Tonnage: 20000	Issue Date: 05/07/2006 Effective Date: 01/07/2010 Modified:: 17/01/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
5	461m W	Site Name: Littlehampton Waste Facility Site Address: Units 15/16, Arndale Road, Lineside Ind Est, Littlehampton, West Sussex, BN17 7HD Correspondence Address: -	Type of Site: Clinical Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SRC001 EPR reference: EA/EPR/EP3490SD/V002 Operator: S R C L Ltd Waste Management licence No: 101116 Annual Tonnage: 74999	Issue Date: 23/12/2009 Effective Date: - Modified:: 04/01/2019 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

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

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3.7 Waste exemptions

Records within 500m	43

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 37**

ID	Location	Site	Reference	Category	Sub-Category	Description
C	128m W	Unit A Fort Road LITTLEHAMPTON West Sussex BN17 7QU	EPR/XF0130VG/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
C	142m W	Unit A Fort Road LITTLEHAMPTON West Sussex BN17 7QU	EPR/FF0806TH/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of silver
C	142m W	Unit A Fort Road LITTLEHAMPTON West Sussex BN17 7QU	EPR/ZF0206TA/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of silver
C	148m W	UNIT A, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX228415	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	148m W	UNIT A, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX084335	Storing waste exemption	Not on a farm	Storage of waste in a secure place
1	178m SW	Unit B2 Modern Moulds Centre Harwood Road Littlehampton BN17 7AU	EA/EPR/VP3743DU/A001	Treating waste exemption	Non-Agricultural Waste Only	Repair or refurbishment of WEEE
D	216m W	Unit 1, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	EA/EPR/VP3850AQ/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	216m W	Unit 1, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	EA/EPR/VP3952ZX/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX214317	Storing waste exemption	Not on a farm	Storage of waste in a secure place

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ID	Location	Site	Reference	Category	Sub-Category	Description
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX214317	Treating waste exemption	Not on a farm	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX214317	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX067711	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX067711	Treating waste exemption	Not on a farm	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling
D	218m W	UNIT 1, FORT ROAD, WICK, LITTLEHAMPTON, BN17 7QU	WEX067711	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
D	231m W	Medisort Limited, Unit A, Fort Road, Wick, LITTLEHAMPTON, BN17 7QU	WEX133673	Treating waste exemption	Not on a farm	Recovery of silver
E	338m SW	UNIT 2, FORSTERS YARD, QUAYSIDE, LITTLEHAMPTON, BN17 5SF	WEX164804	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
E	362m SW	UNIT 25, FORSTERS YARD, LITTLEHAMPTON, BN17 5SF	WEX165264	Storing waste exemption	Not on a Farm	Storage of waste in a secure place
E	362m SW	UNIT 25, FORSTERS YARD, LITTLEHAMPTON, BN17 5SF	WEX165264	Treating waste exemption	Not on a Farm	Recovery of scrap metal
E	362m SW	UNIT 25, FORSTERS YARD, LITTLEHAMPTON, BN17 5SF	WEX165264	Treating waste exemption	Not on a Farm	Sorting mixed waste
2	376m W	Units G/H, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF	WEX238240	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	465m SW	UNIT K, RIVERSIDE INDUSTRIAL ESTATE, BRIDGE ROAD, LITTLEHAMPTON, BN17 5DF	WEX055649	Storing waste exemption	Not on a farm	Storage of waste in a secure place

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ID	Location	Site	Reference	Category	Sub-Category	Description
G	481m NE	30, WICK STREET, WICK, LITTLEHAMPTON, BN17 7JH	WEX246370	Storing waste exemption	Not on a farm	Storage of waste in a secure place
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Deposit of waste from dredging of inland waters
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Burning waste in the open
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste aerosol cans
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste at a water treatment works
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of waste at a waste water treatment works
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste

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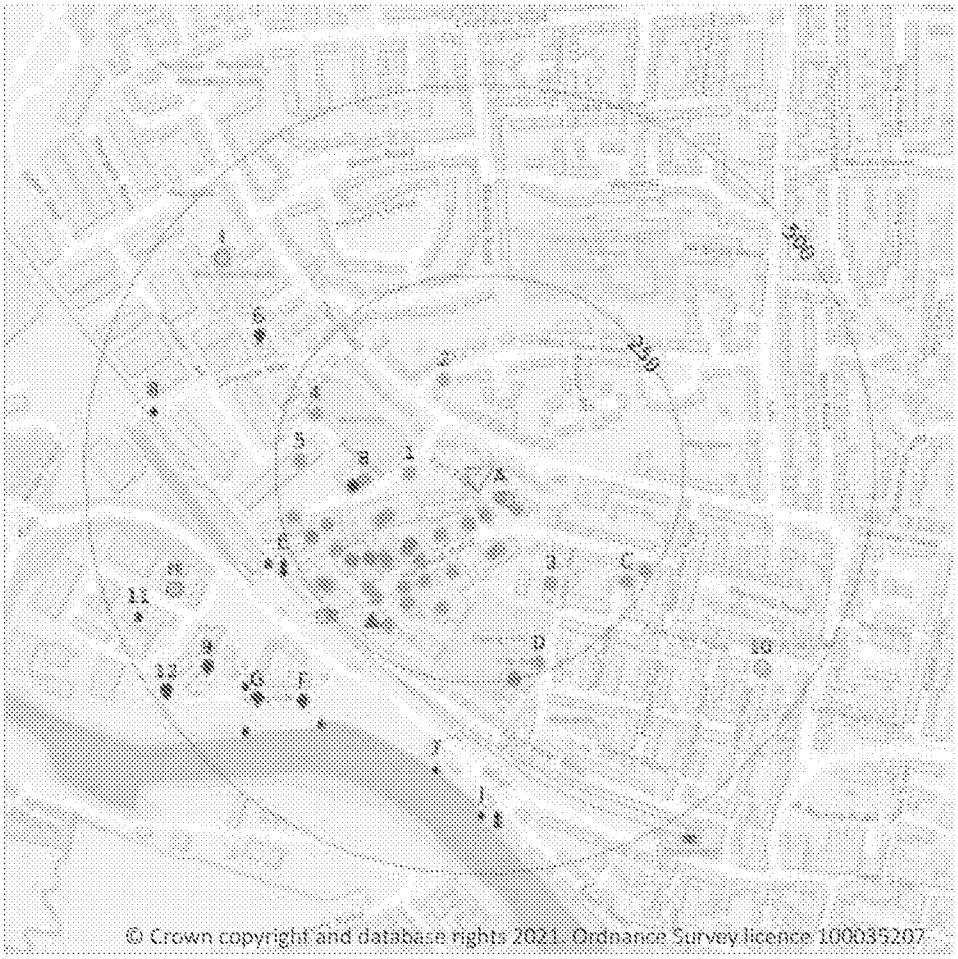
ID	Location	Site	Reference	Category	Sub-Category	Description
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Spreading waste on non-agricultural land to confer benefit
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Spreading of plant matter to confer benefit
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Use of baled end-of-life tyres in construction
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste derived biodiesel as fuel
H	481m SW	Volker Stevin Site Quayside off Bridge Road Littlehampton West Sussex BN17 5DN	EPR/UE5986FP/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose
F	484m SW	Denmans Electrical Unit N9 Riverside Ind Est Littlehampton BN17 5DF	EPR/DF0008EU/A001	Treating waste exemption	Non-Agricultural Waste Only	Crushing waste fluorescent tubes
G	496m NE	42 Wick Street Littlehampton West Sussex BN17 7JH	EPR/RH0577PB/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal
I	498m W	-	WEX236394	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)

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ID	Location	Site	Reference	Category	Sub-Category	Description
1	498m W	-	WEX236394	Storing waste exemption	Not on a farm	Storage of waste in secure containers

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

4 Current industrial land use



Site Outline

Search buffers in metres (m)

- Recent industrial land uses
- Control of Major Accident Hazards
- Hazardous substance storage/usage
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m	51

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 46**

ID	Location	Company	Address	Activity	Category
A	28m SE	Depot	West Sussex, BN17	Container and Storage	Transport, Storage and Delivery
A	32m S	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities

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ID	Location	Company	Address	Activity	Category
A	43m S	Engine Management Services	Unit 1 Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	55m SE	Biffa Waste Services Ltd	Harwood Road, Littlehampton, West Sussex, BN17 7AU	Recycling, Reclamation and Disposal	Recycling Services
A	74m SW	Peels of London Ltd	Unit 20 Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Industrial Coatings and Finishings	Industrial Products
1	76m W	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
A	81m S	Factory	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	82m S	Inpress Plastics Ltd	Factory 1, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Rubber, Silicones and Plastics	Industrial Products
A	110m S	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	112m SW	P K Autos	Unit 10 Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	112m SW	Motorglass Auto Glazing	Unit 13 Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	115m SW	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	118m SW	Wickham Business Centre	West Sussex, BN17	Business Parks and Industrial Estates	Industrial Features
2	118m N	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
A	120m SW	G P Products UK LLP	Unit B, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Seals, Tapes, Taps and Valves	Industrial Products
A	127m SW	Ferrabyrne Ltd	Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	Rubber, Silicones and Plastics	Industrial Products
B	135m W	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	135m SW	Packaging Etc	Harwood House, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Packaging	Industrial Products

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ID	Location	Company	Address	Activity	Category
A	148m SW	Panda Metal Works Ltd	Unit 5 The Harwood Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Tools Including Machine Shops	Industrial Products
B	148m W	Medisort	Unit A, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	Medical Waste Disposal Services	Health Support Services
A	149m SW	Flashings & Fabrications Services Ltd	Units 1-2-4 Harwood Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AT	Metalworkers Including Blacksmiths	Construction Services
3	153m SE	St John Ambulance	Linden Park, Littlehampton, West Sussex, BN17 7BH	Ambulance and Medical Transportation Services	Health Support Services
A	158m SW	Lorlin Electronics Ltd	Unit A, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Electrical Components	Industrial Products
A	159m S	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	165m SW	Z T F Power Ltd	Unit C/1 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Electronic Equipment	Industrial Products
A	165m SW	Arun Embroiderers	Unit C/6 Modern Mould Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Textiles, Fabrics, Silk and Machinery	Industrial Products
A	165m SW	Sportslight Ltd	Unit C/5 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Parts and Accessories	Motoring
A	165m SW	Climatic Test Services Ltd	Unit C/2 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Electrical Equipment Repair and Servicing	Repair and Servicing
A	166m SW	Italian Upholstery	Unit C3 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Furniture	Consumer Products
A	172m SW	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
A	185m SW	Vacfit Ltd	Unit B2 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Precision Engineers	Engineering Services
A	185m SW	Rainmaker Irrigation Co Ltd	Unit B3 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Horticultural Equipment	Industrial Products

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ID	Location	Company	Address	Activity	Category
A	185m SW	G S R Motors	Unit B/1 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	191m SW	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
A	191m SW	Modern Moulds Business Centre	West Sussex, BN17	Business Parks and Industrial Estates	Industrial Features
A	193m W	Warehouse	West Sussex, BN17	Container and Storage	Transport, Storage and Delivery
A	196m SW	Noble Autos	Unit 2 Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Vehicle Breakdown and Recovery Services	Personal, Consumer and Other Services
A	210m SW	Gasholder	West Sussex, BN17	Gas Features	Infrastructure and Facilities
4	210m W	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
A	218m W	Zero Waste Recycling	Unit 1, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	Recycling, Reclamation and Disposal	Recycling Services
A	218m W	B C M Y Ltd	Unit 1, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	Recycling, Reclamation and Disposal	Recycling Services
5	219m W	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
C	227m SE	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
A	230m SW	B A S F	Unit A1-A3 Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU	Pest and Vermin Control	Contract Services
A	234m W	R S G Service Centre	Unit 6, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	236m SW	Works	West Sussex, BN17	Unspecified Works Or Factories	Industrial Features
D	238m S	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
C	240m SE	Sussex Eco Solutions	Enterprise Harwood Road, Littlehampton, West Sussex, BN17 7AT	Cookers and Stoves - Non Electrical	Consumer Products

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ID	Location	Company	Address	Activity	Category
A	249m SW	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
D	249m S	C A R S	Unit 6, Gloucester Road, Littlehampton, West Sussex, BN17 7BS	Vehicle Repair, Testing and Servicing	Repair and Servicing
D	250m S	Complete Automobile Repair Services	Unit 6, Gloucester Road, Littlehampton, West Sussex, BN17 7BS	Vehicle Repair, Testing and Servicing	Repair and Servicing

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 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.

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4.6 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 46**

ID	Location	Company	Address	Operational status	Tier
A	197m SW	British Gas	British Gas, Gloucester Road, Little Hampton, BN17 7AB	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 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.

4.8 Hazardous substance storage/usage

Records within 500m	2

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 46**

ID	Location	Details	
A	218m SW	Application reference number: No Details Application status: Approved Application date: No Details Address: Transco PLC, Littlehampton Holder Station, Gloucester Road, Littlehampton, West Sussex, England, BN17 7AU	Details: No Details Enforcement: No Details Date of enforcement: No Details Comment: No Details
A	218m SW	Application reference number: LU/281/92/HS Application status: Historical Consent Application date: 01/01/1992 Address: Littlehampton Gasholder Station, Gloucester Road, Littlehampton, BN17 7AB	Details: Application under the Hazardous Substance Act 1992 for the continuance of use of existing gasholder. Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

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This data is sourced from Local Authority records.

4.9 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.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	28

Records of Part A(1) 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 46**

ID	Location	Details	
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: QP3536TW Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 01/07/2010 Effective Date: 01/07/2010 Last date noted as effective: 01/07/2014 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LIMITED Installation Name: UNIT A, FORT ROAD. EPR/QP3536TW/V006 Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: DP3428YF Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 27/09/2017 Effective Date: 27/09/2017 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Permit Number: NP3631AF Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 11/11/2015 Effective Date: 11/11/2015 Last date noted as effective: 25/01/2021 Status: SUPERCEDED

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ID	Location	Details	
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Permit Number: PP3938EZ Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 17/01/2014 Effective Date: 17/01/2014 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3938EZ Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 17/01/2014 Effective Date: 17/01/2014 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (8) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: PP3938EZ Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 17/01/2014 Effective Date: 17/01/2014 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: QP3536TW Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 01/07/2010 Effective Date: 01/07/2010 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: QP3536TW Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 01/07/2010 Effective Date: 01/07/2010 Last date noted as effective: 25/01/2021 Status: SUPERCEDED

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ID	Location	Details	
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: WP3430ZE Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 08/01/2013 Effective Date: 08/01/2013 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: CLINISERVE LTD Installation Name: CLINISERVE LTD WASTE TREATMENT PLANT Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: TP3235XV Original Permit Number: TP3235XV	EPR Reference: - Issue Date: 19/12/2008 Effective Date: 19/12/2008 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LIMITED Installation Name: UNIT A, FORT ROAD. EPR/QP3536TW/V006 Process: ASSOCIATED PROCESS Permit Number: DP3438YF Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 27/09/2017 Effective Date: 27/09/2017 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
B	152m W	Operator: MEDISORT LIMITED Installation Name: UNIT A, FORT ROAD. EPR/QP3536TW/V006 Process: DISPOSAL OR RECOVERY OF HAZ WASTE WITH CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING REPACKAGING PRIOR TO SUBMISSION TO ANY OF THE OTHER ACTIVITIES LISTED IN THIS SECTION OR IN SECTION 5.1 Permit Number: DP3438YF Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 27/09/2017 Effective Date: 27/09/2017 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
B	152m W	Operator: MEDISORT LIMITED Installation Name: UNIT A, FORT ROAD. EPR/QP3536TW/V006 Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: DP3438YF Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 27/09/2017 Effective Date: 27/09/2017 Last date noted as effective: 25/01/2021 Status: EFFECTIVE

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ID	Location	Details	
B	152m W	Operator: MEDISORT LIMITED Installation Name: UNIT A, FORT ROAD. EPR/OP3536TW/V006 Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (8) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: DP3438YP Original Permit Number: OP3536TW	EPR Reference: - Issue Date: 27/09/2017 Effective Date: 27/09/2017 Last date noted as effective: 25/01/2021 Status: EFFECTIVE
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: NP3631AF Original Permit Number: OP3536TW	EPR Reference: - Issue Date: 11/11/2015 Effective Date: 11/11/2015 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: NP3631AF Original Permit Number: OP3536TW	EPR Reference: - Issue Date: 11/11/2015 Effective Date: 11/11/2015 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: NP3631AF Original Permit Number: OP3536TW	EPR Reference: - Issue Date: 11/11/2015 Effective Date: 11/11/2015 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (8) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Permit Number: NP3631AF Original Permit Number: OP3536TW	EPR Reference: - Issue Date: 11/11/2015 Effective Date: 11/11/2015 Last date noted as effective: 25/01/2021 Status: SUPERCEDED

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ID	Location	Details	
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: PP3938EZ Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 17/01/2014 Effective Date: 17/01/2014 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Permit Number: PP3938EZ Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 17/01/2014 Effective Date: 17/01/2014 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: WP3430ZE Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 08/01/2013 Effective Date: 08/01/2013 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: ZP3038FX Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 04/04/2012 Effective Date: 04/04/2012 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: MEDISORT LTD Installation Name: LITTLEHAMPTON WASTE TREATMENT PLANT Process: OTHER WASTE DISPOSAL, HAZARDOUS WASTE >10T/D Permit Number: ZP3038FX Original Permit Number: QP3536TW	EPR Reference: - Issue Date: 04/04/2012 Effective Date: 04/04/2012 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: CLINISERVE LTD Installation Name: CLINISERVE LTD WASTE TREATMENT PLANT Process: ASSOCIATED PROCESS Permit Number: TP3235XV Original Permit Number: TP3235XV	EPR Reference: - Issue Date: 19/12/2008 Effective Date: 19/12/2008 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: ETHOS RECYCLING LTD Installation Name: ETHOS RECYCLING LTD Process: ASSOCIATED PROCESS Permit Number: GP3631GH Original Permit Number: GP3631GH	EPR Reference: EA/EPR/GP3631GH/T001 Issue Date: 06/04/2009 Effective Date: 06/04/2009 Last date noted as effective: 25/01/2021 Status: SUPERCEDED

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ID	Location	Details	
B	152m W	Operator: ETHOS MEDICAL & SPECIAL WASTE LTD Installation Name: ETHOS RECYCLING LTD Process: ASSOCIATED PROCESS Permit Number: WP3233TF Original Permit Number: WP3233TF	EPR Reference: - Issue Date: 05/03/2010 Effective Date: 05/03/2010 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: ETHOS MEDICAL & SPECIAL WASTE LTD Installation Name: ETHOS RECYCLING LTD Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: WP3233TF Original Permit Number: WP3233TF	EPR Reference: - Issue Date: 05/03/2010 Effective Date: 05/03/2010 Last date noted as effective: 25/01/2021 Status: SUPERCEDED
B	152m W	Operator: ETHOS RECYCLING LTD Installation Name: ETHOS RECYCLING LTD Process: WASTE LANDFILLING; >10 T/D WITH CAPACITY >25,000T EXCLUDING INERT WASTE Permit Number: GP3631GH Original Permit Number: GP3631GH	EPR Reference: EA/EPR/GP3631GH/T001 Issue Date: 06/04/2009 Effective Date: 06/04/2009 Last date noted as effective: 25/01/2021 Status: SUPERCEDED

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

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

Records within 500m **5**

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 46**

ID	Location	Address	Details	
6	321m NW	Finecast Foundry Ltd, Unit 1 Lineside Way, Lineside Industrial Estate, Littlehampton, West Sussex, BN17 7EH	Process: Non-ferrous Metal Foundry Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
F	357m SW	Arc (Southern) Ltd, Storage Land Etc, Quayside, BN17 5DN	Process: Solvent Emissions Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
G	396m SW	Redland Aggregates Ltd, Asphalt Plant Offices, Quayside, BN17 5DN	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

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ID	Location	Address	Details	
9	421m SW	Hanson (prev Arc), Quayside, BN17 5DD	Process: Use of Bulk Cement Status: Revoked Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
12	483m SW	Tarmac Trading Ltd, Quayside, Littlehampton, West Sussex, BN17 5DN	Process: Bitumen and Tar Processes Status: Current Permit 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.

4.12 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.

4.13 Licensed Discharges to controlled waters

Records within 500m **15**

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 46**

ID	Location	Address	Details	
F	265m SW	WATER LANE LITTLEHAMPTON WPS, WATER LANE WPS, WATER LANE, LITTLEHAMPTON, WEST SUSSEX, BN17 7DH	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: A01262 Permit Version: 1 Receiving Water: DITCH TO RIVER ARUN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/09/2007 Effective Date: 21/09/2007 Revocation Date: 31/03/2009
E	265m SW	WATER LANE LITTLEHAMPTON WPS, WATER LANE WPS, WATER LANE, LITTLEHAMPTON, WEST SUSSEX, BN17 7DH	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: A01262 Permit Version: 2 Receiving Water: DITCH TO RIVER ARUN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 21/09/2007 Effective Date: 01/04/2009 Revocation Date: -

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ID	Location	Address	Details	
E	269m SW	WATER LANE/ARUNDEL ROAD, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00862 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
E	269m SW	WATER LANE/ARUNDEL ROAD, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00862 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: -
E	283m SW	DITCH WEST BOUNDARY AT RAILWAY, DITCH WEST BOUNDARY @ RAILWAY, HARWOOD INDUSTRIAL EST, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S01430 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 22/10/1965 Effective Date: 22/10/1965 Revocation Date: 30/05/1997
F	365m SW	ARC PREMIX, LITTLEHAMPTON PLANT, ARC PREMIX LITTLEHAMPTON PLANT, QUAYSIDE, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: P04770 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 31/03/1993 Effective Date: 31/03/1993 Revocation Date: 30/12/2008
F	365m SW	ARC PREMIX, LITTLEHAMPTON PLANT, ARC PREMIX LITTLEHAMPTON PLANT, QUAYSIDE, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: P04770 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 31/03/1993 Effective Date: 31/03/1993 Revocation Date: 30/12/2008
7	366m S	OLD CUSTOMS HOUSE, WHARF ROAD, OLD CUSTOMS HOUSE WHARF ROAD, LITTLEHAMPTON	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: S02568 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 09/05/1967 Effective Date: 09/05/1967 Revocation Date: 31/03/1997
G	395m SW	LITTLEHAMPTON WHARF, RIVER ARUN, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: N01436 Permit Version: 1 Receiving Water: SALINE ESTUARY	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 05/03/1984 Effective Date: 05/03/1984 Revocation Date: 15/05/2006

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ID	Location	Address	Details	
8	417m W	LINESIDE INDUSTRIAL ESTATE, FORT ROAD, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: SO2005 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 10/06/1971 Effective Date: 10/06/1971 Revocation Date: 11/05/1995
J	422m S	THE ARUN VIEW INN, WHARF ROAD	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: SO1458 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995 Issue date: 12/04/1966 Effective Date: 12/04/1966 Revocation Date: 31/03/1997
J	423m S	MAXWELL RD/EAST HAM RD	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00864 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: SURRENDERED UNDER EPR 2010 Issue date: 13/07/2001 Effective Date: 13/07/2001 Revocation Date: 31/03/2018
J	433m S	TALBOT ROAD LITTLEHAMPTON CSO, TALBOT ROAD, LITTLEHAMPTON, WEST SUSSEX, BN17 7BP	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A01261 Permit Version: 1 Receiving Water: RIVER ARUN (TIDAL)	Status: SURRENDERED UNDER EPR 2010 Issue date: 07/02/2008 Effective Date: 07/02/2008 Revocation Date: 31/03/2018
G	436m SW	THE QUAYSIDE, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: NO2812 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 26/06/1975 Effective Date: 26/06/1975 Revocation Date: 01/07/1991
11	467m SW	RIVER SIDE WORKS, LITTLEHAMPTON, RIVER SIDE WORKS LITTLEHAMPTON	Effluent Type: UNSPECIFIED Permit Number: SO2642 Permit Version: 1 Receiving Water: FRESHWATER RIVER	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/04/1970 Effective Date: 03/04/1970 Revocation Date: 20/03/1996

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

ARUN DISTRICT COUNCIL LU/276/21/PL

4.14 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.

4.15 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.

4.16 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.

4.17 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.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	7

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 46**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details	
A	35m SE	Incident Date: 26/02/2002 Incident Identification: 60543 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Effects on Humans	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
A	259m SW	Incident Date: 14/04/2003 Incident Identification: 151104 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
H	410m W	Incident Date: 21/08/2001 Incident Identification: 25662 Pollutant: Oils and Fuel Pollutant Description: Hydraulic Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
H	410m W	Incident Date: 21/08/2001 Incident Identification: 25662 Pollutant: Oils and Fuel Pollutant Description: Hydraulic Oils	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
I	421m NW	Incident Date: 08/06/2001 Incident Identification: 8249 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
I	421m NW	Incident Date: 08/06/2001 Incident Identification: 8249 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
10	436m SE	Incident Date: 07/12/2001 Incident Identification: 46975 Pollutant: Oils and Fuel Pollutant Description: Petrol	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 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.

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4.20 Pollution inventory waste transfers

Records within 500m	1

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.

Features are displayed on the Current industrial land use map on **page 46**

ID: B, Location: 152m W, Permit: QP3536TW
Operator: Medisort Limited
Activity: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT
Address: Unit A Fort Road Wick Littlehampton West Sussex BN17 7QU
Sector: Waste Treatment, Sub-sector: Hazardous
Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	1008.7	Absolute Value	19 02 03	premixed wastes composed only of non-hazardous wastes	No
D10	Incineration on Land	0.389	Absolute Value	18 01 01	sharps (except 18 01 03)	No
D10	Incineration on Land	16.612	Absolute Value	18 01 02	body parts and organs including blood bags and blood preserves (except 18 01 03)	No
D10	Incineration on Land	230.243	Absolute Value	18 01 03	wastes whose collection and disposal is subject to special requirements in order to prevent infection	Yes
R1	Use principally as a fuel or other means to generate energy	4254.07	Absolute Value	18 01 04	wastes whose collection and disposal is not subject to special requirements in order to prevent infection (for example dressings, plaster casts, linen, disposable clothing, diapers)	No
D10	Incineration on Land	1.301	Absolute Value	18 01 06	chemicals consisting of or containing dangerous substances	Yes
D10	Incineration on Land	12.843	Absolute Value	18 01 08	cytotoxic and cytostatic medicines	Yes
D10	Incineration on Land	60.3747	Absolute Value	18 01 09	medicines other than those mentioned in 18 01 08	No

[redacted]

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Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D10	Incineration on Land	18.721	Absolute Value	18 02 02	wastes whose collection and disposal is subject to special requirements in order to prevent infection	Yes
D10	Incineration on Land	0.634	Absolute Value	18 02 07	cytotoxic and cytostatic medicines	Yes
D10	Incineration on Land	32.591	Absolute Value	18 02 08	medicines other than those mentioned in 18 02 07	No
R4	Recycling/reclamation of metals and metal compounds	103.26	Absolute Value	17 04 05	iron and steel	No

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

4.21 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	1

Aquifer status of groundwater held within superficial geology.

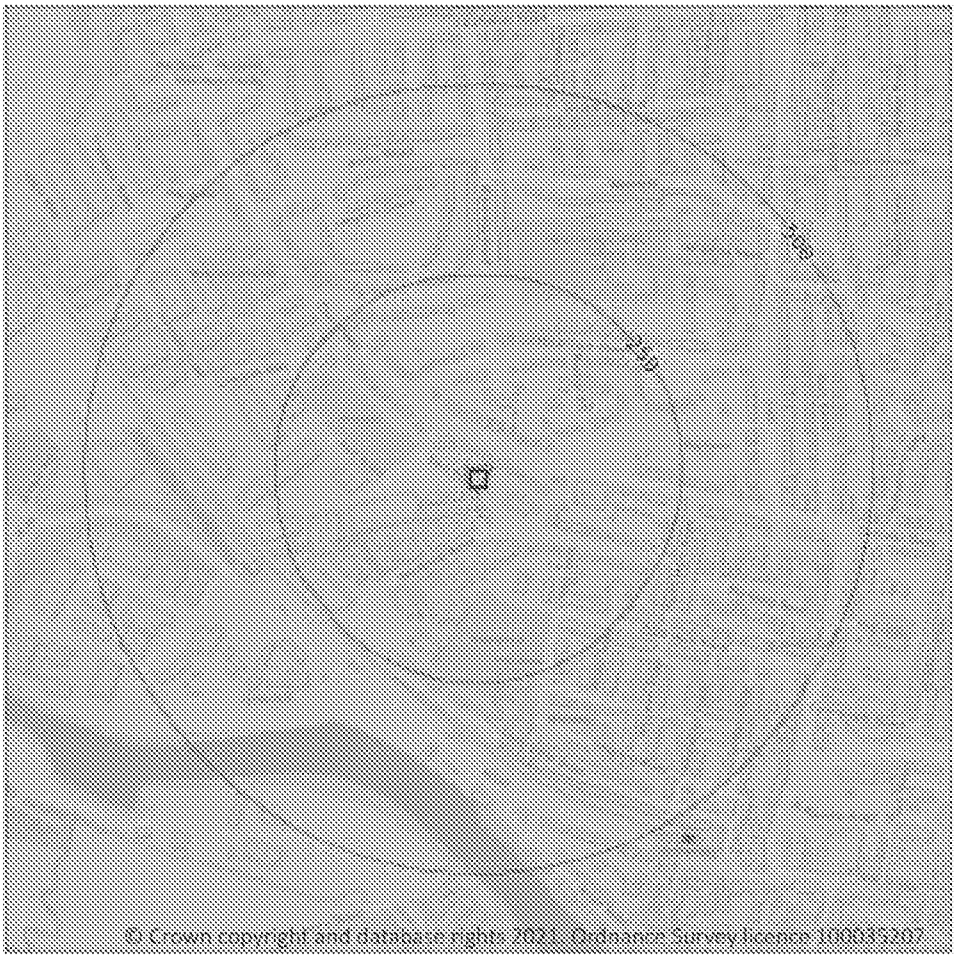
Features are displayed on the Hydrogeology map on **page 65**

ID	Location	Designation	Description
1	On site	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.

ARUN DISTRICT COUNCIL LU/276/21/PL

Bedrock aquifer



Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m	1

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 66**

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

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

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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	1

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 67**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
A	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: 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	1

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
A	**Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.**	**85.0%**

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

5.5 Groundwater vulnerability- local information

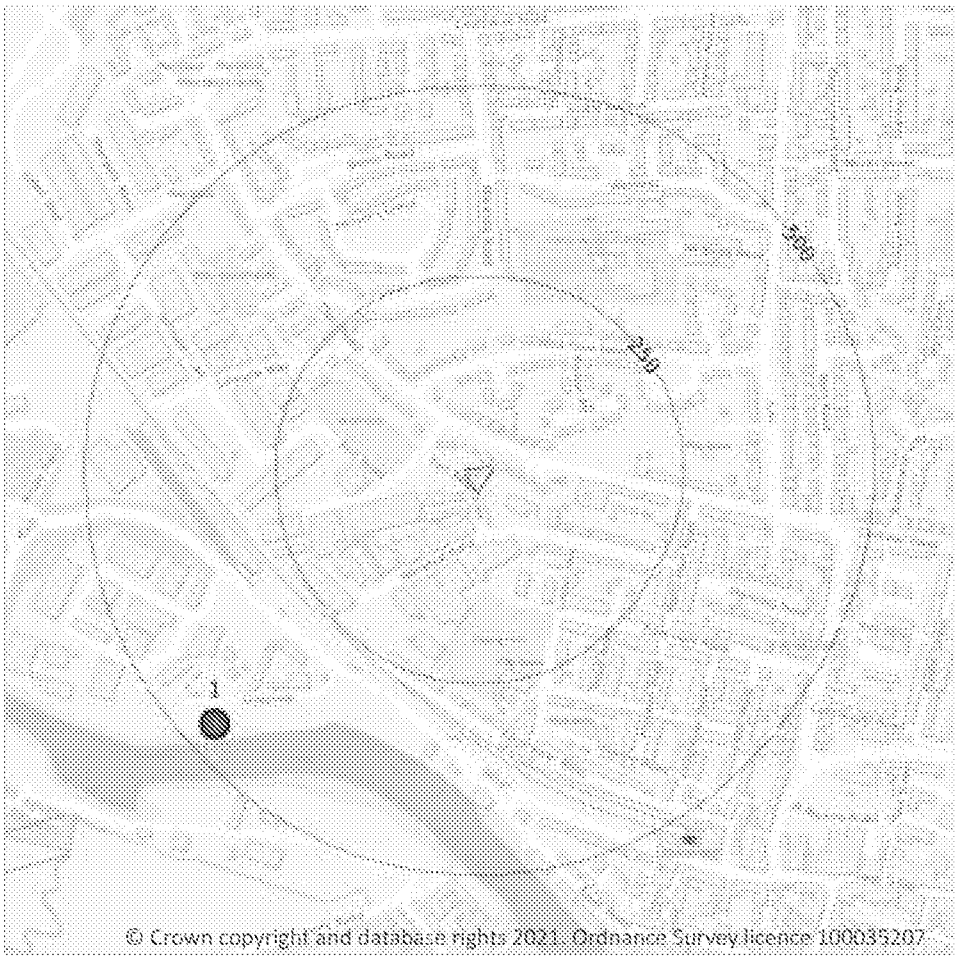
Records on site	0

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.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	16

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 69**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details	
1	458m SW	Status: Historical Licence No: 10/41/411021 Details: General Washing/Process Washing Direct Source: Southern Region Groundwater Point: RIVER ARUN ESTUARY Data Type: Point Name: ARC Ltd (Solent Aggregates Ltd) Easting: 501910 Northing: 102330	Annual Volume (m^3): 39277.4 Max Daily Volume (m^3): 163.65 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 29/10/1997 Version End Date: -
-	1007m N	Status: Historical Licence No: 10/41/411004 Details: Animal Watering & General Use in non Farming situations Direct Source: Southern Region Groundwater Point: NORMANS NURSERIES COURTWICK LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 502080 Northing: 103660	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 06/10/2003 Version End Date: -
-	1211m NW	Status: Historical Licence No: 10/41/411003 Details: General Farming & Domestic Direct Source: Southern Region Groundwater Point: COURT WICK PARK LITTLEHAMPTON Data Type: Point Name: A H Bowerman & Son Ltd Easting: 501720 Northing: 103760	Annual Volume (m^3): 9100 Max Daily Volume (m^3): 45 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1315m N	Status: Historical Licence No: 10/41/411012 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE AT SANDFIELD NURSERIES Data Type: Point Name: Sandfield Plant Ltd Easting: 502560 Northing: 103950	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 01/11/1969 Version End Date: -
-	1325m N	Status: Historical Licence No: 10/41/411012 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE AT SANDFIELD NURSERIES Data Type: Point Name: Farfield Plants Limited Easting: 502560 Northing: 103960	Annual Volume (m^3): 16800 Max Daily Volume (m^3): 96 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 102 Version Start Date: 13/11/2006 Version End Date: -

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details	
-	1350m N	Status: Historical Licence No: 10/41/411012 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: SANDFIELD NURSERIES Data Type: Point Name: Sandfield Plant Ltd Easting: 502660 Northing: 103960	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 01/11/1999 Version End Date: -
-	1354m N	Status: Active Licence No: 24/065 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: TORRI HOUSE Data Type: Point Name: Molica Esq Easting: 502320 Northing: 104020	Annual Volume (m^3): 5,966 Max Daily Volume (m^3): 25 Original Application No: - Original Start Date: 20/07/1995 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1394m N	Status: Active Licence No: 24/064 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: MARINA HOUSE Data Type: Point Name: Molica Esq Easting: 502320 Northing: 104060	Annual Volume (m^3): 5,966 Max Daily Volume (m^3): 25 Original Application No: - Original Start Date: 20/07/1995 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1403m N	Status: Historical Licence No: 24/062 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: SANDFIELD NURSERY Data Type: Point Name: Molica-Franco Easting: 502240 Northing: 104070	Annual Volume (m^3): 4200 Max Daily Volume (m^3): 25 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 103 Version Start Date: 16/06/2009 Version End Date: -
-	1485m NE	Status: Historical Licence No: 10/41/414025 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: FIRVIEW NURSERY TODDINGTON LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 503460 Northing: 103560	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 17/10/2002 Version End Date: -

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details	
-	1485m NE	Status: Historical Licence No: 10/41/414025 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: FIRVIEW NURSERY TODDINGTON LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 503460 Northing: 103560	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 17/10/2003 Version End Date: -
-	1525m N	Status: Historical Licence No: 24/059 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: GLENVILLA LYMINSTER Data Type: Point Name: Perella Easting: 502180 Northing: 104190	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 21/05/1992 Version End Date: -
-	1659m NE	Status: Historical Licence No: 24/067 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: BOREHOLE AT POINT 'A' AT KIRIN AGRIBO TODDINGTON NURSERIES Data Type: Point Name: Kirin Agribo Toddington Ltd Easting: 503090 Northing: 104110	Annual Volume (m^3): 24338 Max Daily Volume (m^3): 228 Original Application No: - Original Start Date: 15/09/2005 Expiry Date: 21/03/2016 Issue No: 1 Version Start Date: 16/06/2009 Version End Date: -
-	1697m NE	Status: Historical Licence No: 10/41/414019 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: FOXDALE NURSERY TODDINGTON LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 503580 Northing: 103750	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 01/11/2004 Version End Date: -
-	1822m NE	Status: Historical Licence No: 10/41/414031 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: FOXDALE NURSERY TODDINGTON LANE (A) Data Type: Point Name: Yoder Toddington Ltd Easting: 503760 Northing: 103720	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 01/11/2004 Version End Date: -

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Details	
-	1865m N	Status: Historical Licence No: 10/41/411010 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: CHURCH FARM LYMINSTER Data Type: Poly4 Name: Longhurst Esq Easting: 501260 Northing: 105330	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 18/07/1979 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m **4**

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.

Features are displayed on the Abstractions and Source Protection Zones map on **page 69**

ID	Location	Details	
A	689m SW	Status: Historical Licence No: 10/41/411016 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: RYEBANK RIFE AND ELMER RIFE Data Type: Line Name: Baird Easting: 501710 Northing: 102210	Annual Volume (m^3): 27272 Max Daily Volume (m^3): 1091 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 08/12/2005 Version End Date: -
A	713m SW	Status: Active Licence No: 10/41/411016 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: RYEBANK RIFE Data Type: Line Name: James D Baird (Home Farm) Ltd Easting: 501720 Northing: 102160	Annual Volume (m^3): 27,272 Max Daily Volume (m^3): 1,091 Original Application No: - Original Start Date: 13/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 16/04/2019 Version End Date: -

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ID	Location	Details	
-	1677m N	Status: Historical Licence No: 10/41/414020 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: BLACK DITCH AT CHURCH FARM LYMINSTER Data Type: Line Name: Longhurst Easting: 501790 Northing: 104310	Annual Volume (m^3): 9092 Max Daily Volume (m^3): 654.62 Original Application No: - Original Start Date: 08/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2016 Version End Date: -
-	1854m N	Status: Active Licence No: 10/41/411010 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: CHURCH FARM LYMINSTER Data Type: Poly4 Name: Longhurst Esq Easting: 501230 Northing: 105650	Annual Volume (m^3): 13,638 Max Daily Volume (m^3): 654.62 Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2016 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0

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.

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)

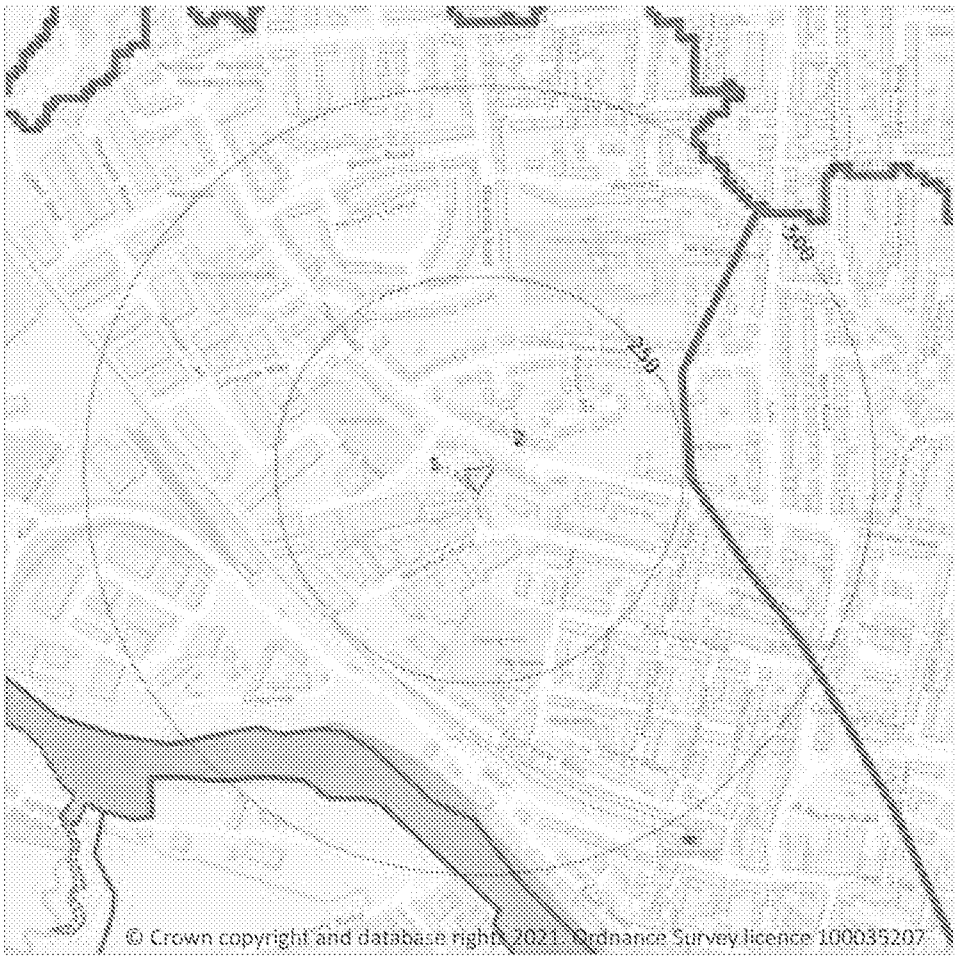
Records within 500m	0

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.

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6 Hydrology



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.

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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 75**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	Coastal Catchment	Not part of a river WB catchment	194	Lower Arun	Arun and Western Streams

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

6.4 WFD Surface water bodies

Records identified	0

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.

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 75**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Littlehampton Anticline East	GB40701G503400	Good	Good	Good	2015

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

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

Environment Agency 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 Sea (RoFRaS)

Records within 50m	1

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; 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).

Features are displayed on the River and coastal flooding map on **page 78**

Distance	RoFRaS flood risk
On site	**Low**
0 - 50m	Low

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

7.2 Historical Flood Events

Records within 250m	0

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.

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.

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River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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.

Features are displayed on the River and coastal flooding map on **page 78**

Location	Type
On site	Zone 2 - (Fluvial /Tidal Models)

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

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7.7 Flood Zone 3

Records within 50m	1

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.

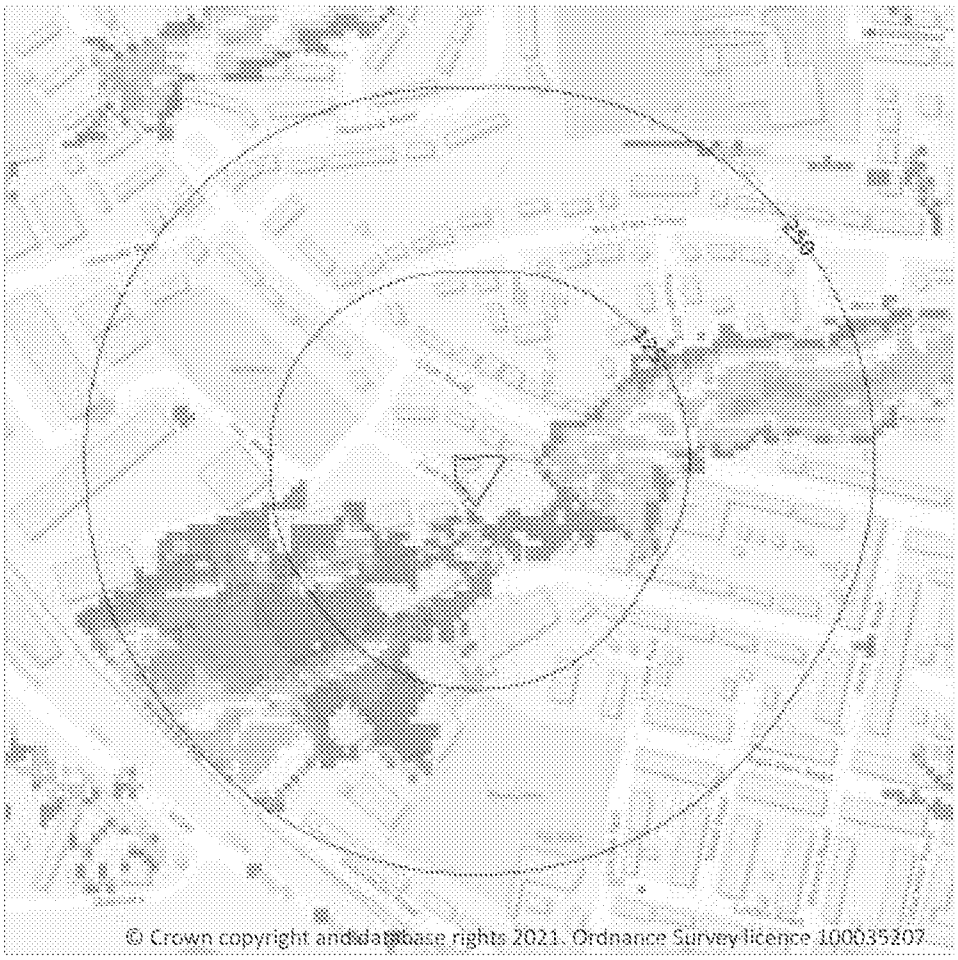
Features are displayed on the River and coastal flooding map on **page 78**

Location	Type
On site	**Zone 3 - (Fluvial Models)**

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

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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	**Negligible**
Highest risk within 50m	**1 in 30 year, 0.1m - 0.3m**

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 82**

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.

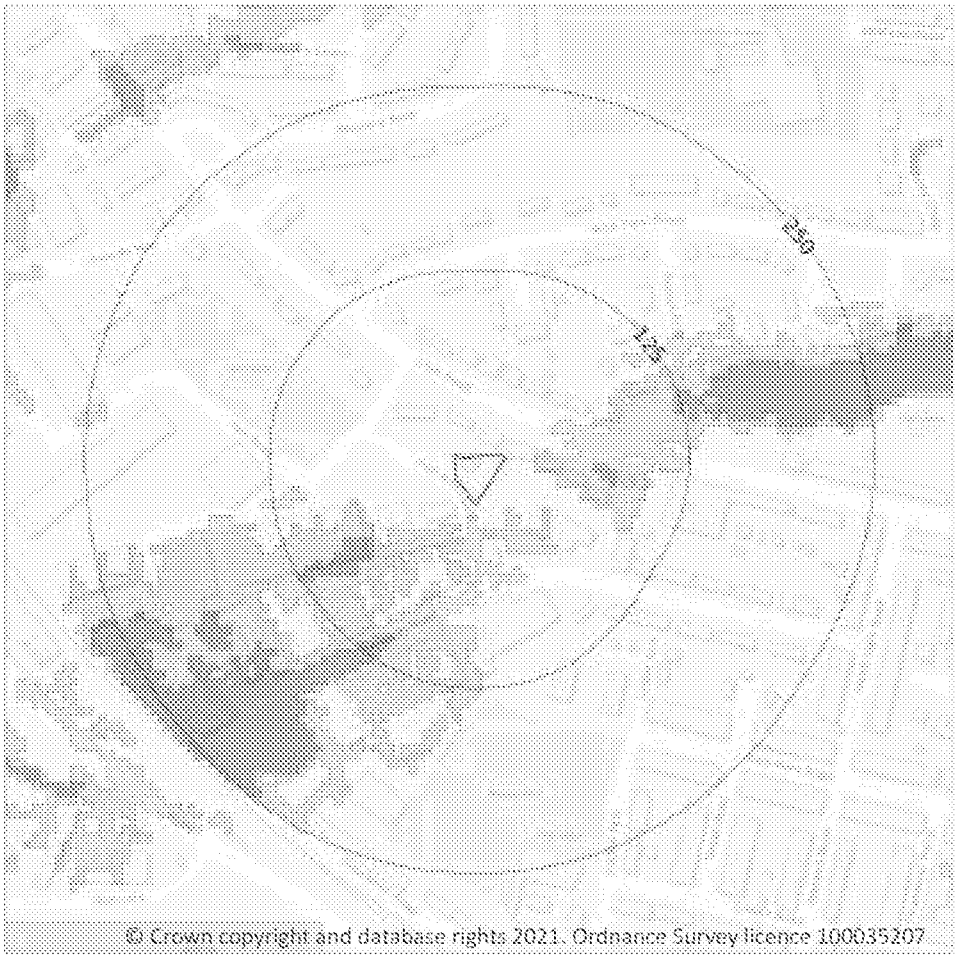
ARUN DISTRICT COUNCIL LU/276/21/PL

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

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	**Moderate**
Highest risk within 50m	**Moderate-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 84**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	1

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.

Features are displayed on the Environmental designations map on **page 85**

ID	Location	Name	Data source
-	1471m S	Climping Beach	Natural England

ARUN DISTRICT COUNCIL LU/276/21/PL

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	1

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.

Features are displayed on the Environmental designations map on **page 85**

ID	Location	Name	Data source
1	1247m S	West Beach	Natural England

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.

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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.

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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	2

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
906m N	Sussex Chalk	Groundwater	G56	Changed
1923m NE	Sussex Chalk	Groundwater	G56	Changed

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

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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 90**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. Oil & gas exploration/extraction Rural non-residential - Large non residential developments outside existing settlements/urban areas where footprint exceeds 1ha. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	3

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.

Features are displayed on the SSSI Impact Zones and Units map on **page 90**

ID: -
Location: 1471m S
SSSI name: Climping Beach
Unit name: Climping Dunes
Broad habitat: Supralittoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

Feature name	Feature condition	Date of assessment
Fixed dune grassland	Unfavourable - Recovering	23/09/2011
Sand dune; strandline, embryo and mobile dunes (SD1-6)	Unfavourable - Recovering	23/09/2011

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ID: -
Location: 1517m S
SSSI name: Climping Beach
Unit name: 2
Broad habitat: Supralittoral Sediment
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Coastal vegetated shingle (SD1-3)	Favourable	12/03/2013

ID: -
Location: 1550m S
SSSI name: Climping Beach
Unit name: Intertidal
Broad habitat: Littoral Sediment
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of non-breeding birds - Sanderling, Calidris alba	Favourable	23/09/2011

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

11 Visual and cultural designations

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	0

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.

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

11.5 Conservation Areas

Records within 250m	0

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.

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

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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 95**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.

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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.

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.

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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.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	1

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 98**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ005W

This data is sourced from the British Geological Survey.

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

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

14.2 Artificial and made ground (10k)

Records within 500m	0

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.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



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 3

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 100**

ID	Location	LEX Code	Description	Rock description
1	On site	RBD1-V	Raised Beach Deposits, 1 - Gravel	Gravel
2	On site	TRD-XSZC	Tidal River Or Creek Deposits - Sand, Silt And Clay	Sand, Silt And Clay
3	58m N	BRK-2	Brickearth - Silt	Silt

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

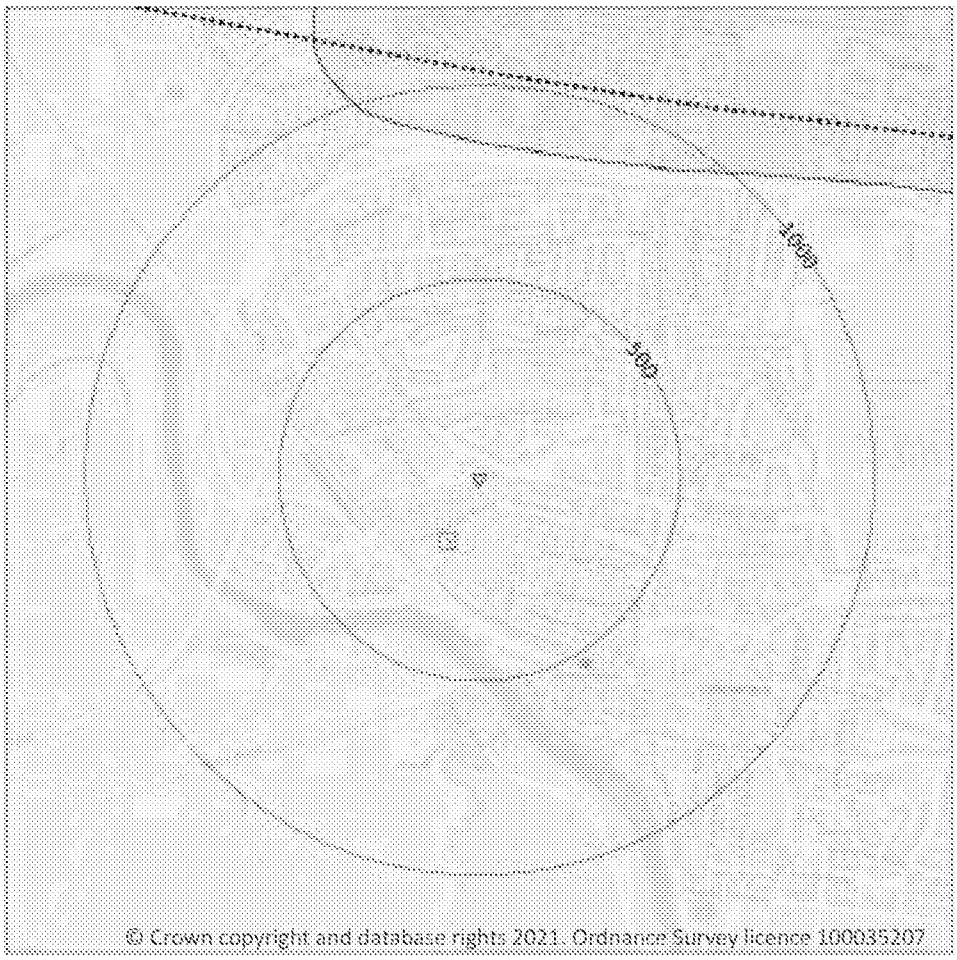
14.4 Landslip (10k)

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	1

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 102**

ID	Location	LEX Code	Description	Rock age
1	On site	LPCK-CHLK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation And Portsdown Chalk Formation (undifferentiated) - Chalk	Campanian Age - Turonian Age

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

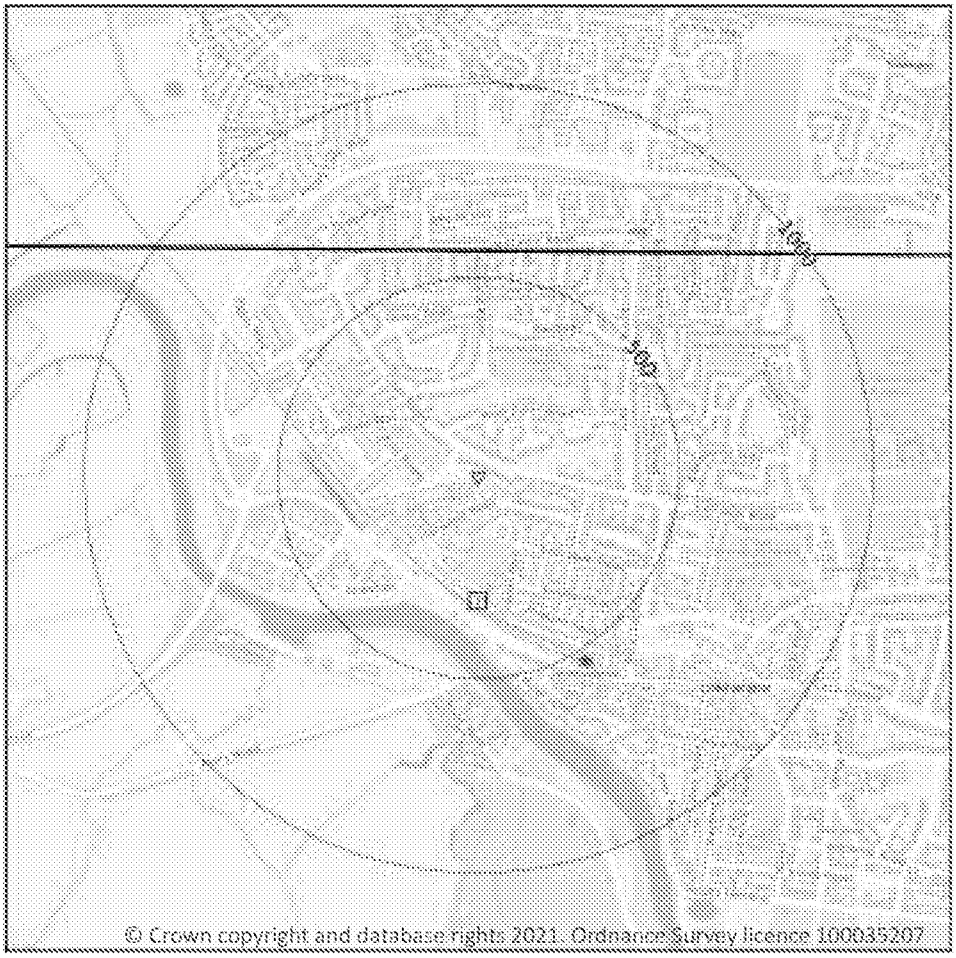
14.6 Bedrock faults and other linear features (10k)

Records within 500m	0

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.

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	1

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 104**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW317_332_chichester_and_

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

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)

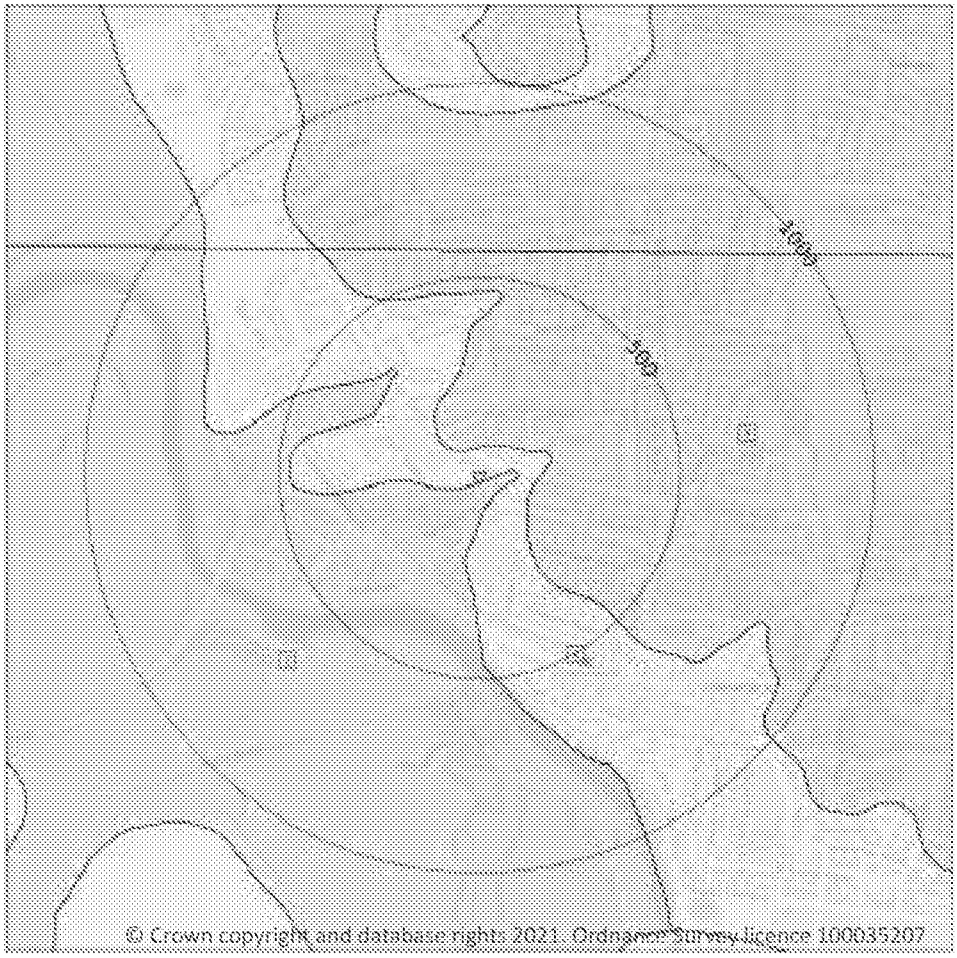
Records within 50m	0

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.

ARUN DISTRICT COUNCIL LU/276/21/PL

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 3

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 106**

ID	Location	LEX Code	Description	Rock description
1	On site	RBD1-XSV	RAISED BEACH DEPOSITS, 1	SAND AND GRAVEL
2	On site	RMD-XCZSV	RAISED MARINE DEPOSITS	CLAY, SILT, SAND AND GRAVEL
3	58m N	RTDU-XSZC	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND, SILT AND CLAY

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	Very High	High
On site	Mixed	High	Very 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)

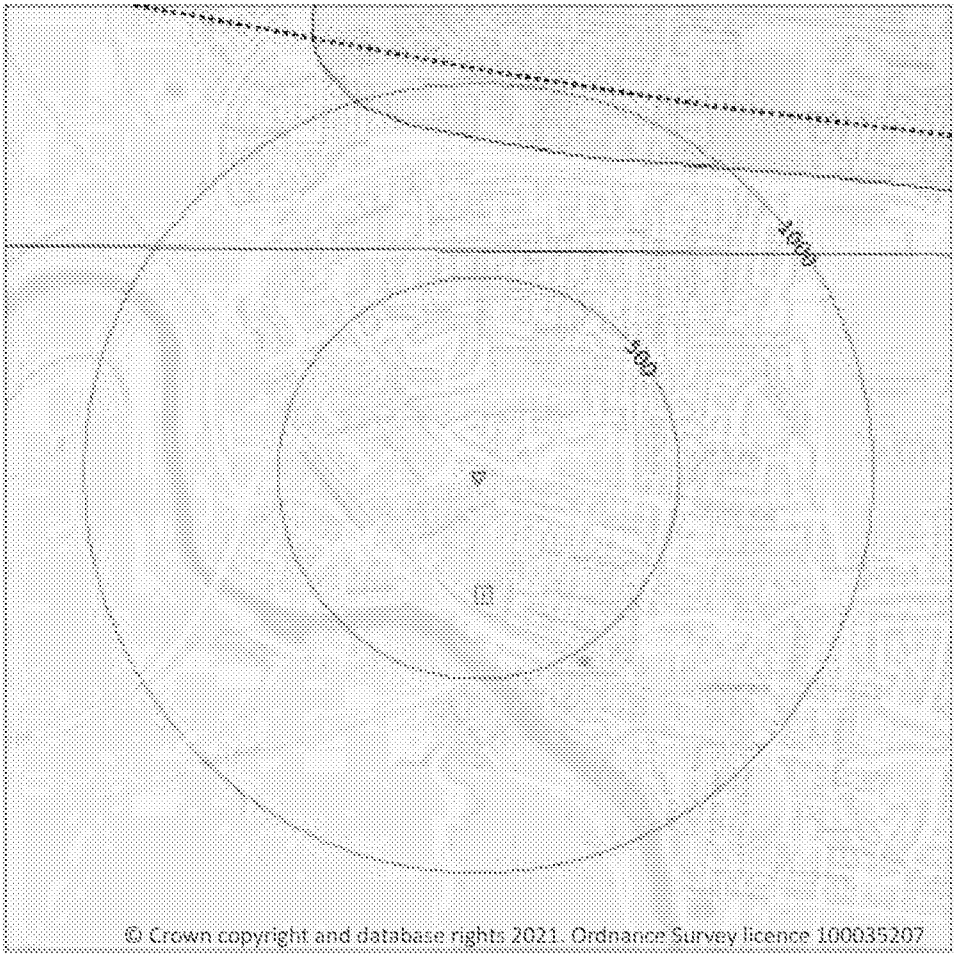
Records within 50m	0

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.

ARUN DISTRICT COUNCIL LU/276/21/PL

Geology 1:50,000 scale - Bedrock



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	1

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 108**

ID	Location	LEX Code	Description	Rock age
1	On site	LPCK-CHLK	LEWES NODULAR CHALK FORMATION, SEAFORD CHALK FORMATION, NEWHAVEN CHALK FORMATION, CULVER CHALK FORMATION AND PORTSDOWN CHALK FORMATION (UNDIFFERENTIATED) - CHALK	TURONIAN

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

15.9 Bedrock permeability (50k)

Records within 50m	1

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	0

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.

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 **2**

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.

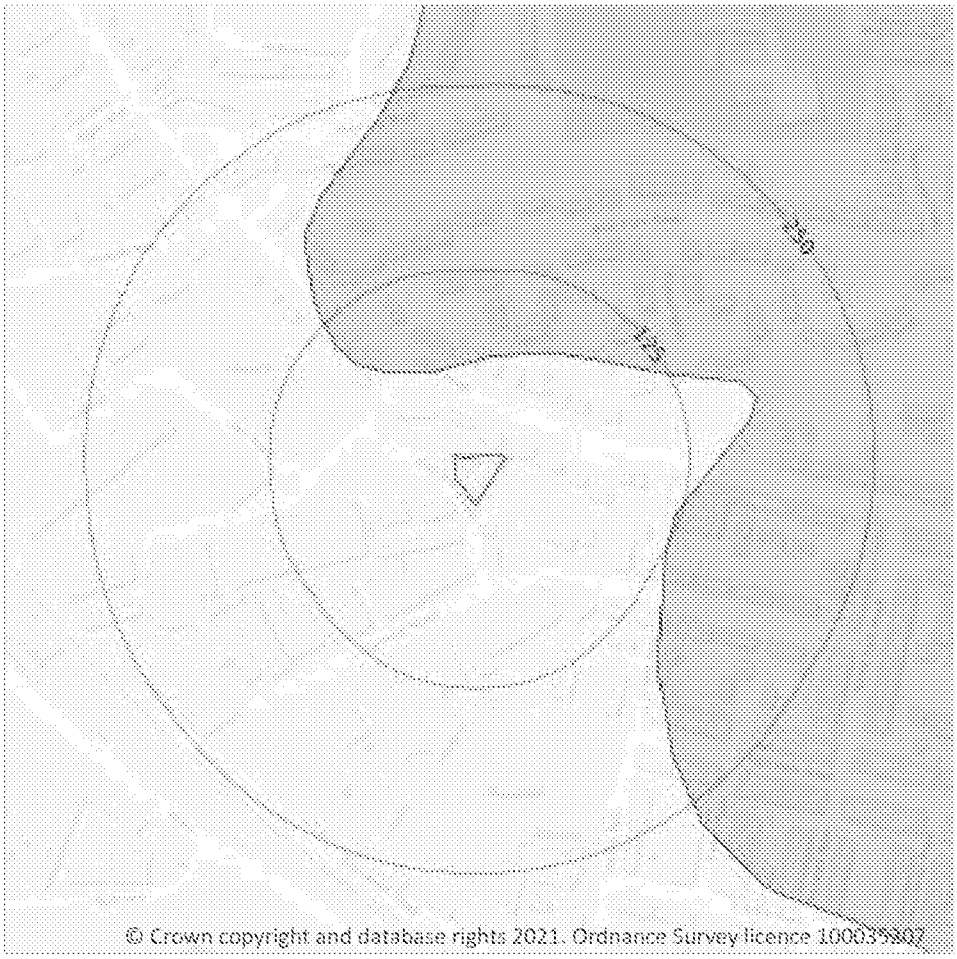
Features are displayed on the Boreholes map on **page 110**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	188m SE	502350 102470	RESEWERAGE LITTLEHAMPTON 1	1.0	N	562300
2	194m S	502190 102450	GAS WORKS, LITTLEHAMPTON	9.14	N	569941

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	1

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).

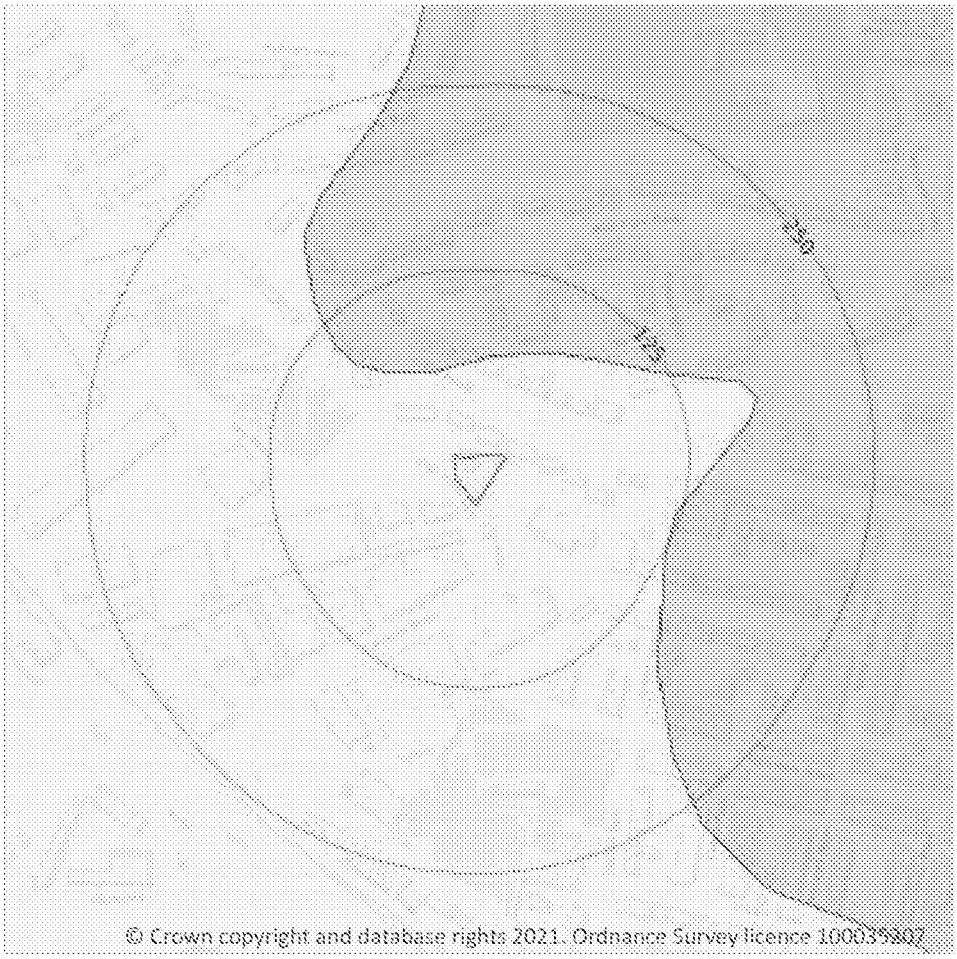
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 111**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	1

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 112**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

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

17.3 Compressible deposits

Records within 50m	1

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.

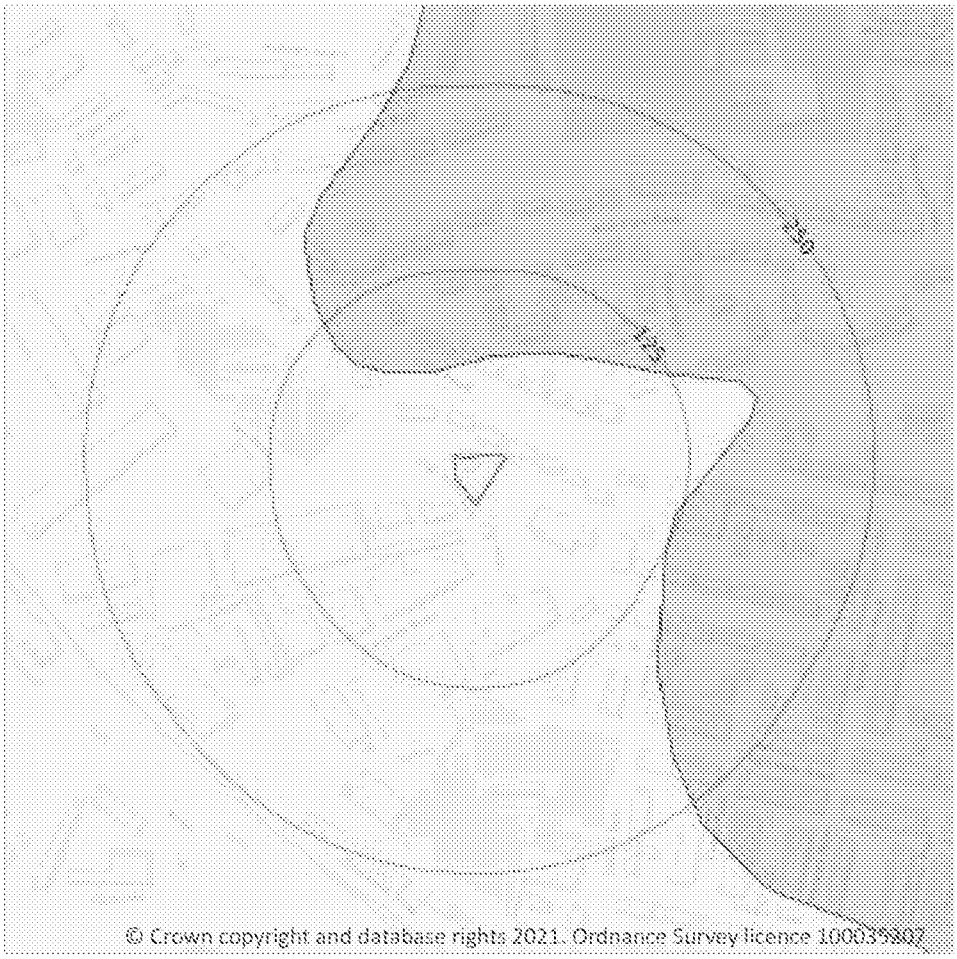
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 113**

Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	1

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.

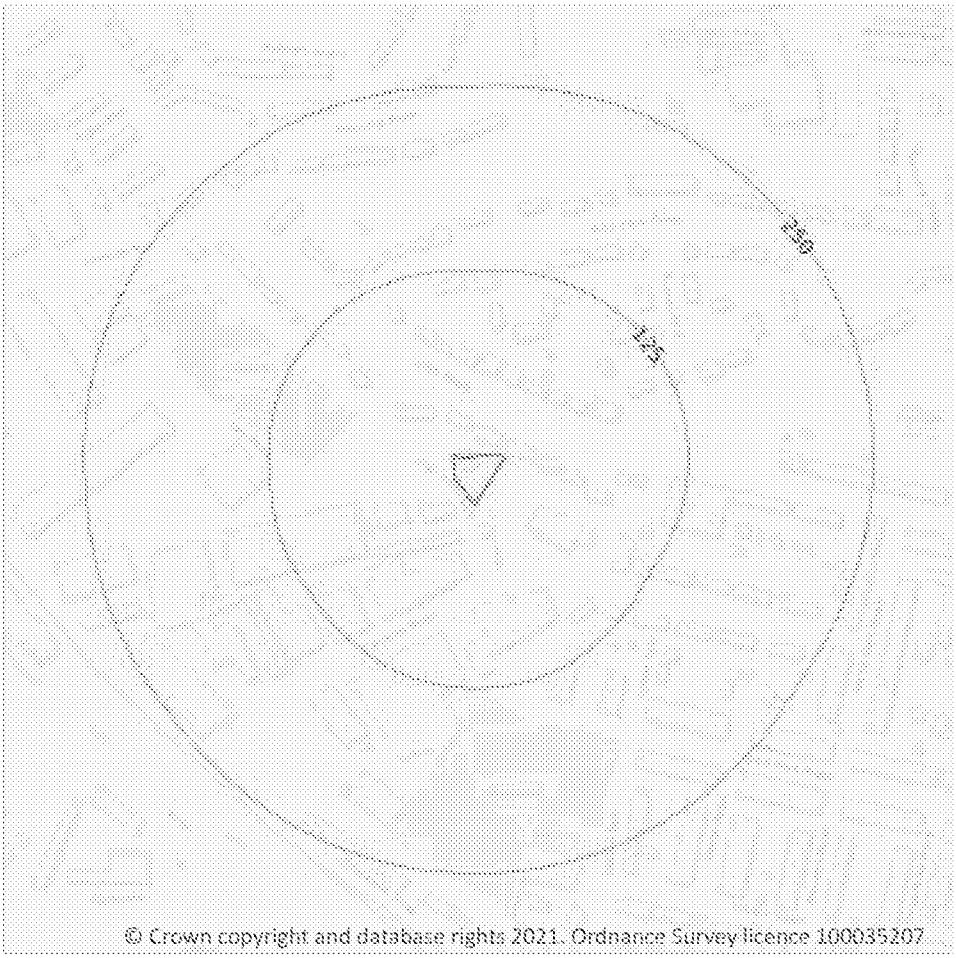
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 114**

Location	Hazard rating	Details
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

Natural ground subsidence - Landslides



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Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	1

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.

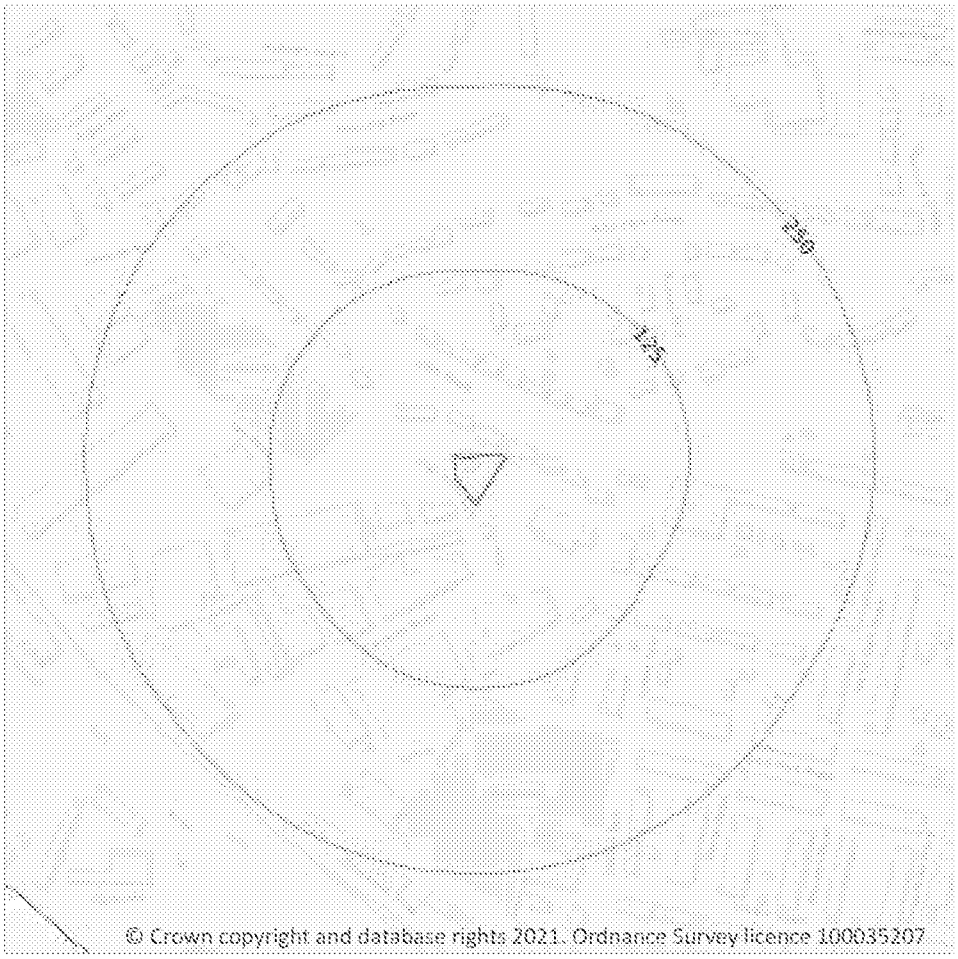
Features are displayed on the Natural ground subsidence - Landslides map on **page 115**

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.**

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/276/21/PL

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	1

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 116**

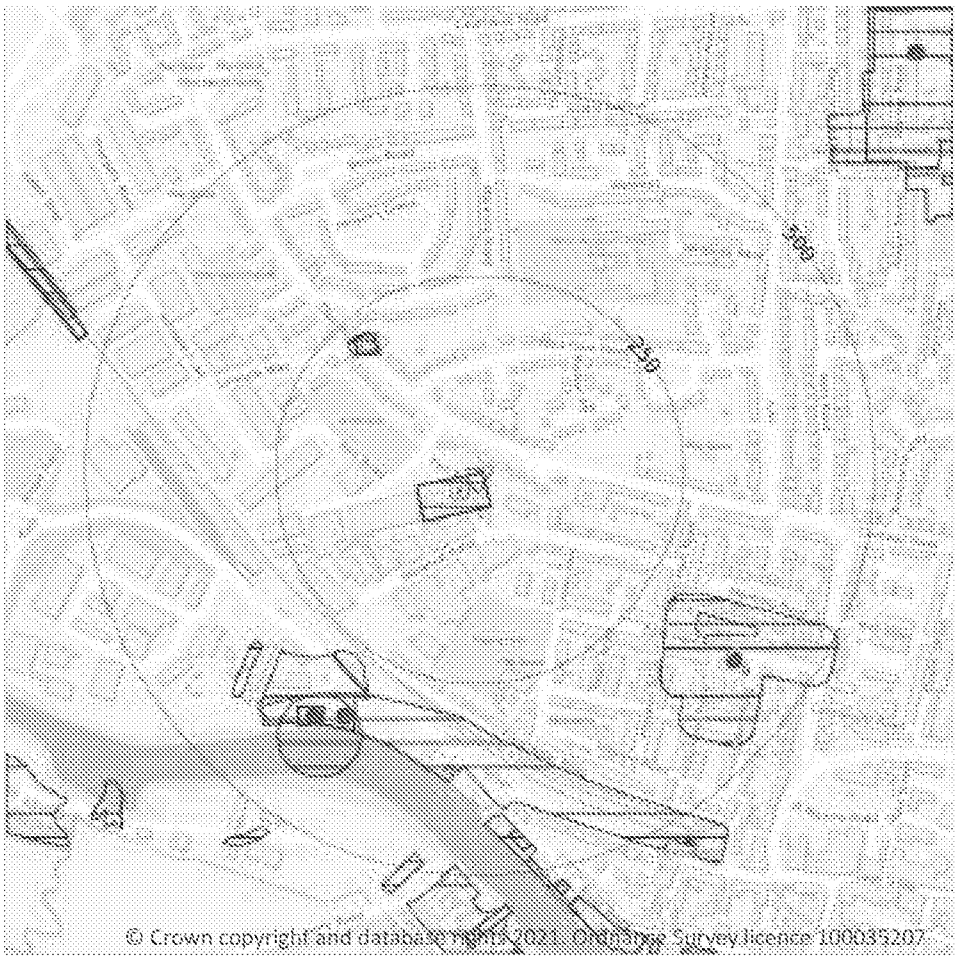
Location	Hazard rating	Details
On site	**Very low**	**Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.**

[redacted]

ARUN DISTRICT COUNCIL LU/276/21/PL

This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities

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 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 Peter Brett Associates (PBA).

ARUN DISTRICT COUNCIL LU/276/21/PL

18.2 BritPits

Records within 500m	3

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.

Features are displayed on the Mining, ground workings and natural cavities map on **page 118**

ID	Location	Details	Description
C	341m SW	Name: Railway Wharf Address: LITTLEHAMPTON, West Sussex Commodity: Crushed Rock Status: Inactive	Type: Sea, river or canal wharf where mineral commodities are unloaded and stored Status description: Site which, at date of entry, is not extracting minerals, but which still has a valid planning permission to do so, and can restart at any time. May be considered Mothballed by operator.May be considered to have Active or Dormant planning permission
C	363m SW	Name: Littlehampton Quay Address: LITTLEHAMPTON, West Sussex Commodity: Marine Sand & Gravel Status: Ceased	Type: Sea, river or canal wharf where mineral commodities are unloaded and stored Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
D	399m SE	Name: Littlehampton Brick Works Address: LITTLEHAMPTON, West Sussex Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	6

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, ground workings and natural cavities map on **page 118**

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Depot and Destructor Works**	**1932**	**1:10560**

ARUN DISTRICT COUNCIL LU/276/21/PL

ID	Location	Land Use	Year of mapping	Mapping scale
A	**On site**	**Depot and Destructor Works**	**1932**	**1:10560**
A	**On site**	**Depot and Destructor Works**	**1938**	**1:10560**
B	186m NW	Cuttings	1932	1:10560
B	191m NW	Cuttings	1938	1:10560
B	191m NW	Cuttings	1910	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 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.

18.5 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	1

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, ground workings and natural cavities map on **page 118**

ID	Location	Name	Commodity	Class	Likelihood
1	167m SE	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

ARUN DISTRICT COUNCIL LU/276/21/PL

This data is sourced from the British Geological Survey.

18.7 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 Peter Brett Associates (PBA).

18.8 JPB mining areas

Records on site	0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 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.

18.10 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.

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

ARUN DISTRICT COUNCIL LU/276/21/PL

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

18.13 Clay mining

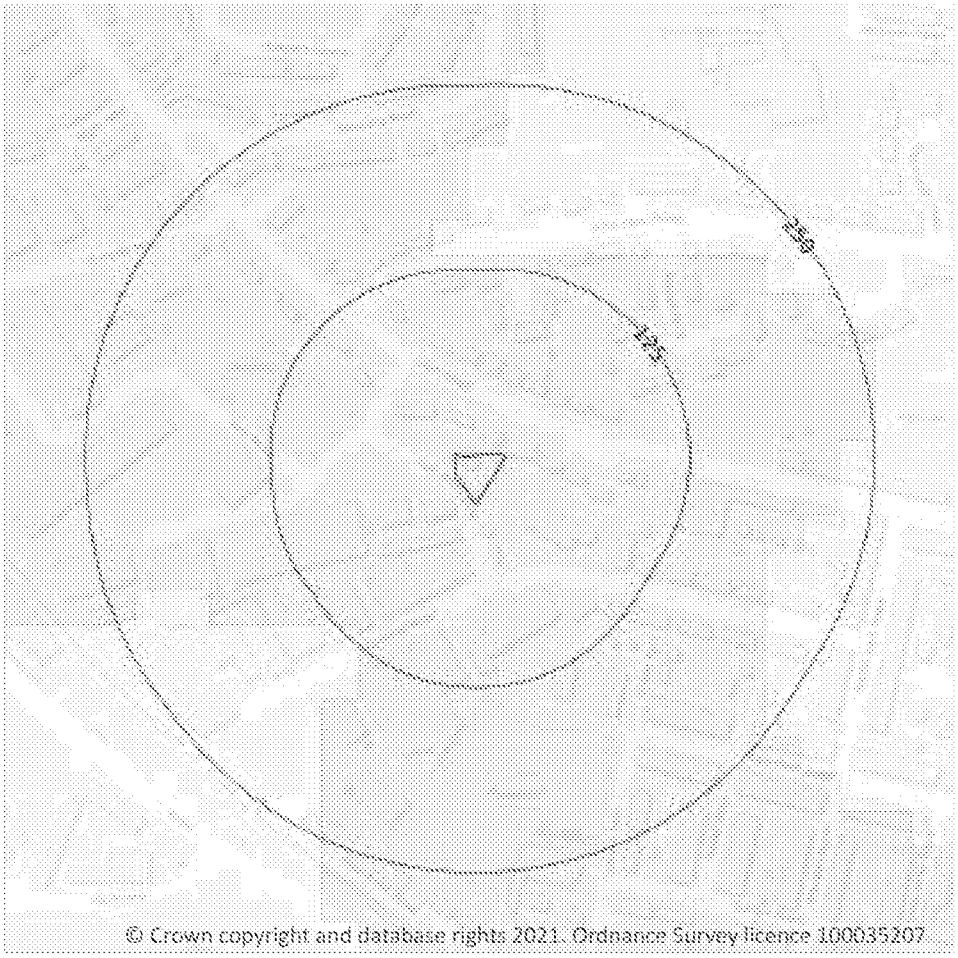
Records on site	0

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

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

ARUN DISTRICT COUNCIL LU/276/21/PL

19 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%

19.1 Radon

Records on site	1

Estimated percentage of dwellings exceeding the Radon Action Level. This data is the highest resolution radon dataset available for the UK and is produced to a 75m level of accuracy to allow for geological data accuracy and a 'residential property' buffer. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain. The data was derived from both geological assessments and long term measurements of radon in more than 479,000 households.

Features are displayed on the Radon map on **page 123**

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 Public Health England.

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	2

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 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 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.

20.2 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.

20.3 BGS Measured Urban Soil Chemistry

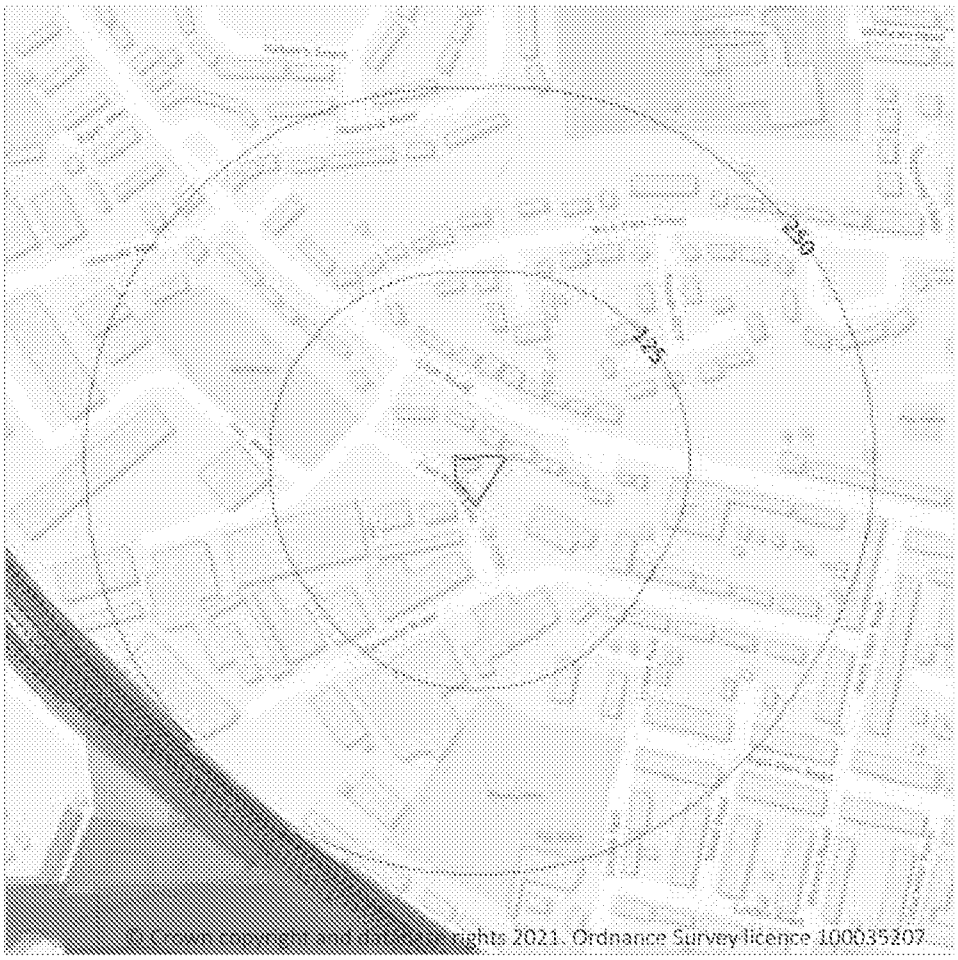
Records within 50m	0

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.

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21 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 1 Stations
- Crossrail 1 Route
- Crossrail 1 Worksites
- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

21.1 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.

21.2 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.

[redacted]

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This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	4

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.

Features are displayed on the Railway infrastructure and projects map on **page 125**

Location	Land Use	Year of mapping	Mapping scale
247m SW	Railway Sidings	1910	10560
249m SW	Railway	1932	-
249m SW	Railway	1911	-
249m SW	Railway	1876	-

This data is sourced from Ordnance Survey/Groundsure.

21.5 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.

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21.6 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.

21.7 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.

21.8 Crossrail 1

Records within 500m	0

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

This data is sourced from publicly available information by Groundsure.

21.9 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.

21.10 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.

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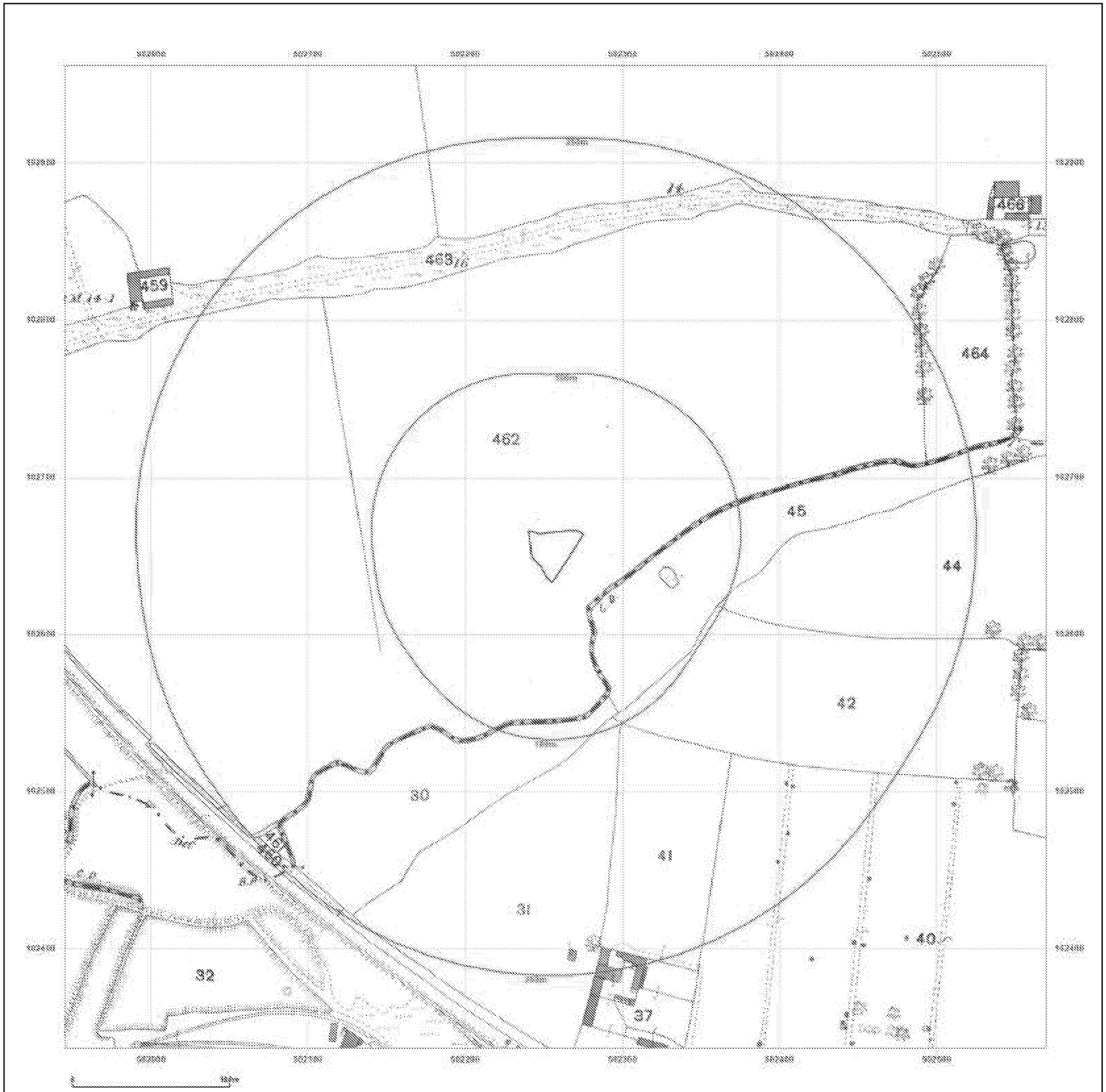
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Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://www.groundsure.com/sources-reference.

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Site Details:

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LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: **1879**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1875
Revised 1879
Edited N/A
Copyright N/A
Levelled N/A

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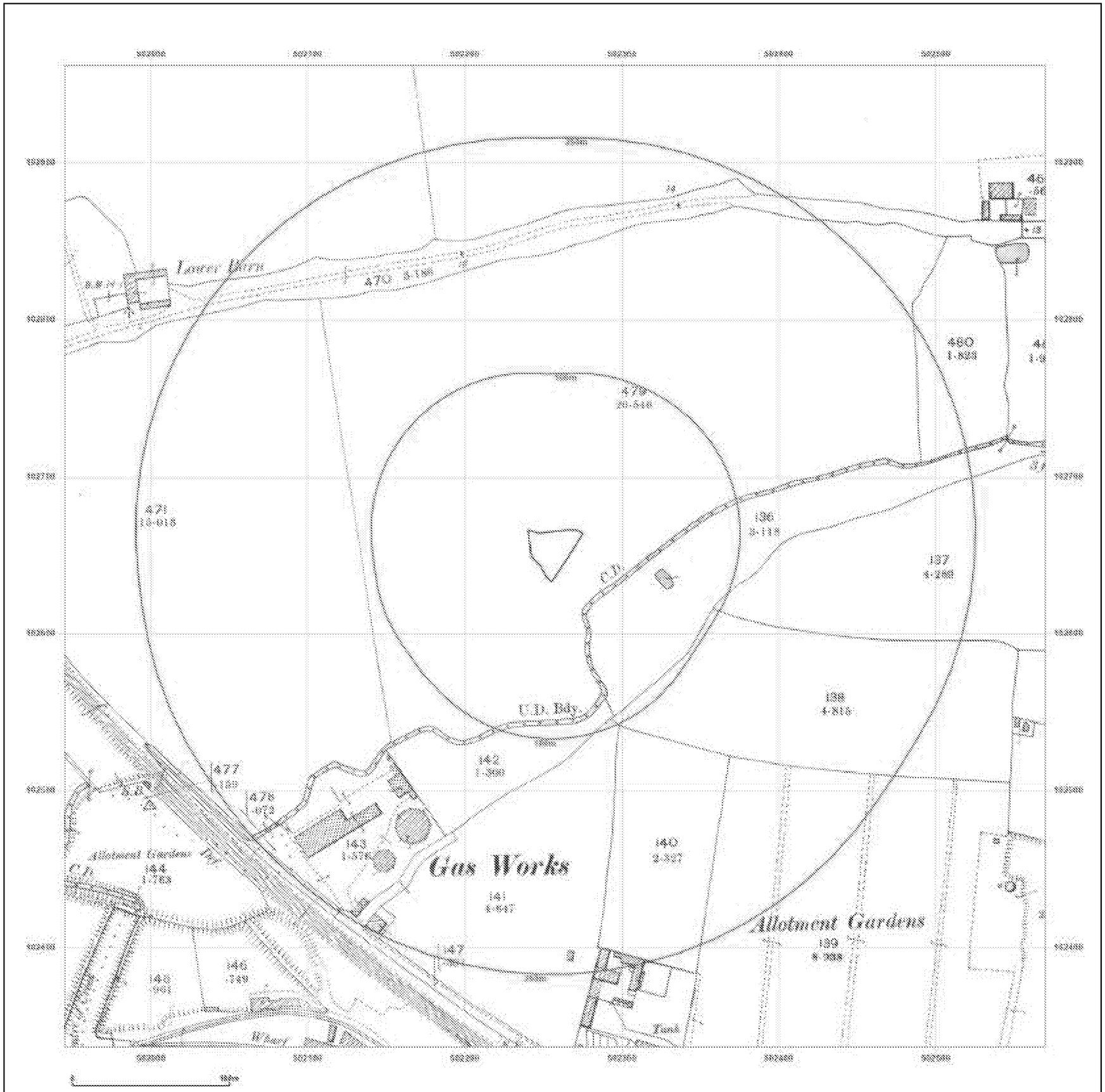
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: 1898

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1898
Revised 1896
Edited N/A
Copyright N/A
Levelled N/A

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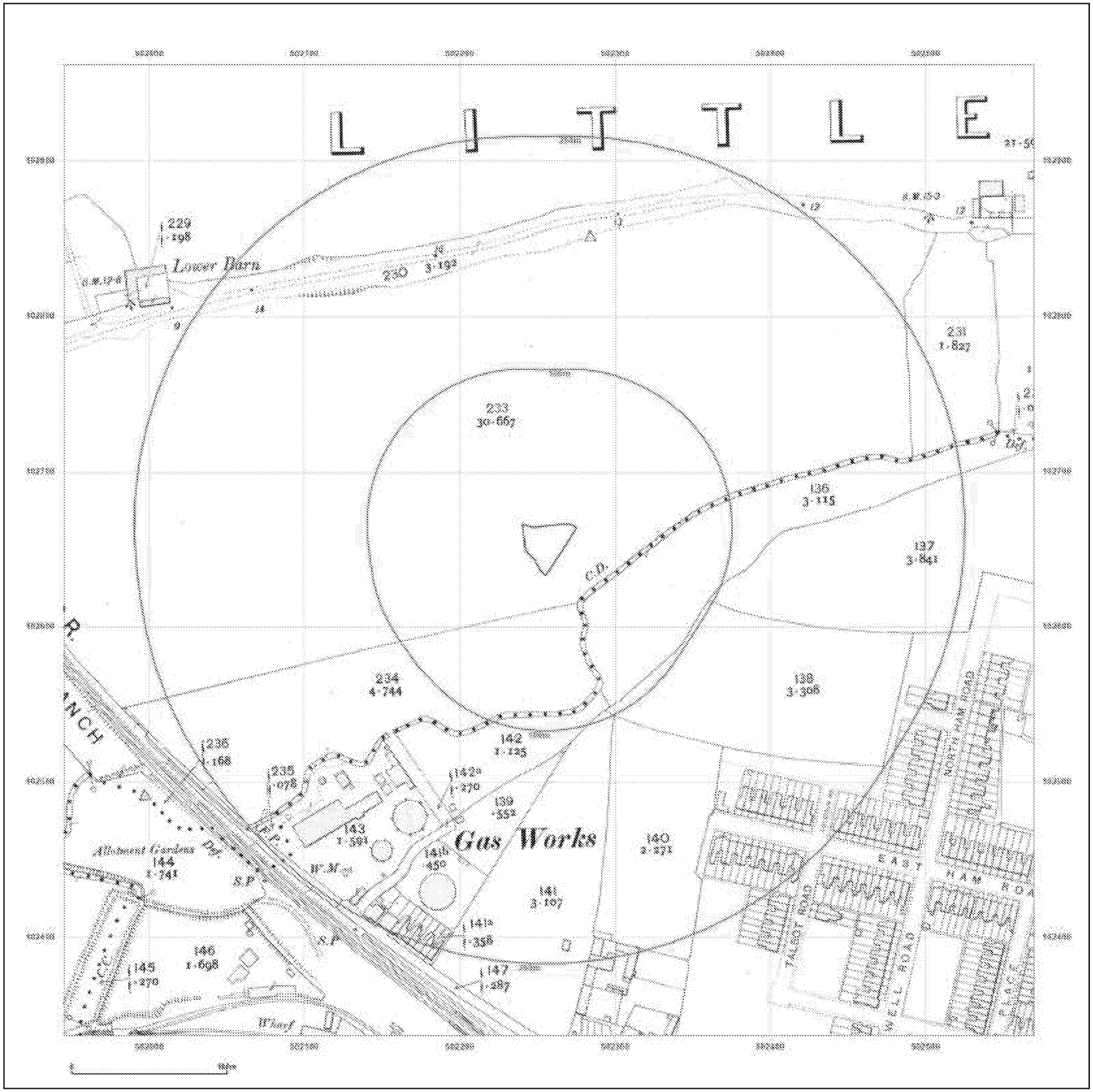
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series
Map date: 1911
Scale: 1:2,500
Printed at: 1:2,500

N W E S

Surveyed 1911
Revised 1911
Edition N/A
Copyright N/A
Levelled N/A

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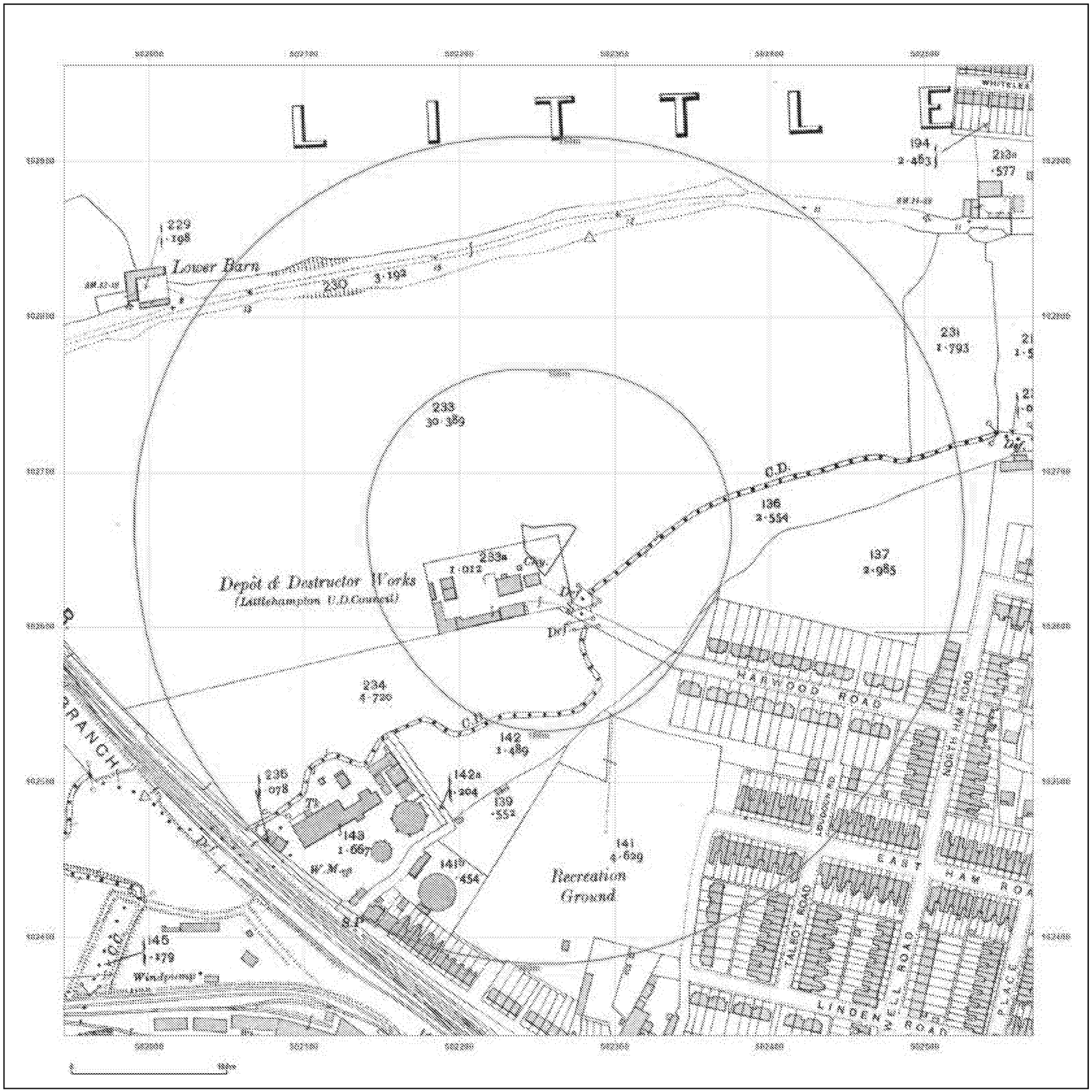
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series
Map date: 1932
Scale: 1:2,500
Printed at: 1:2,500

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LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1957**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled 1950

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
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Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled 1950

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
Levelled 1950

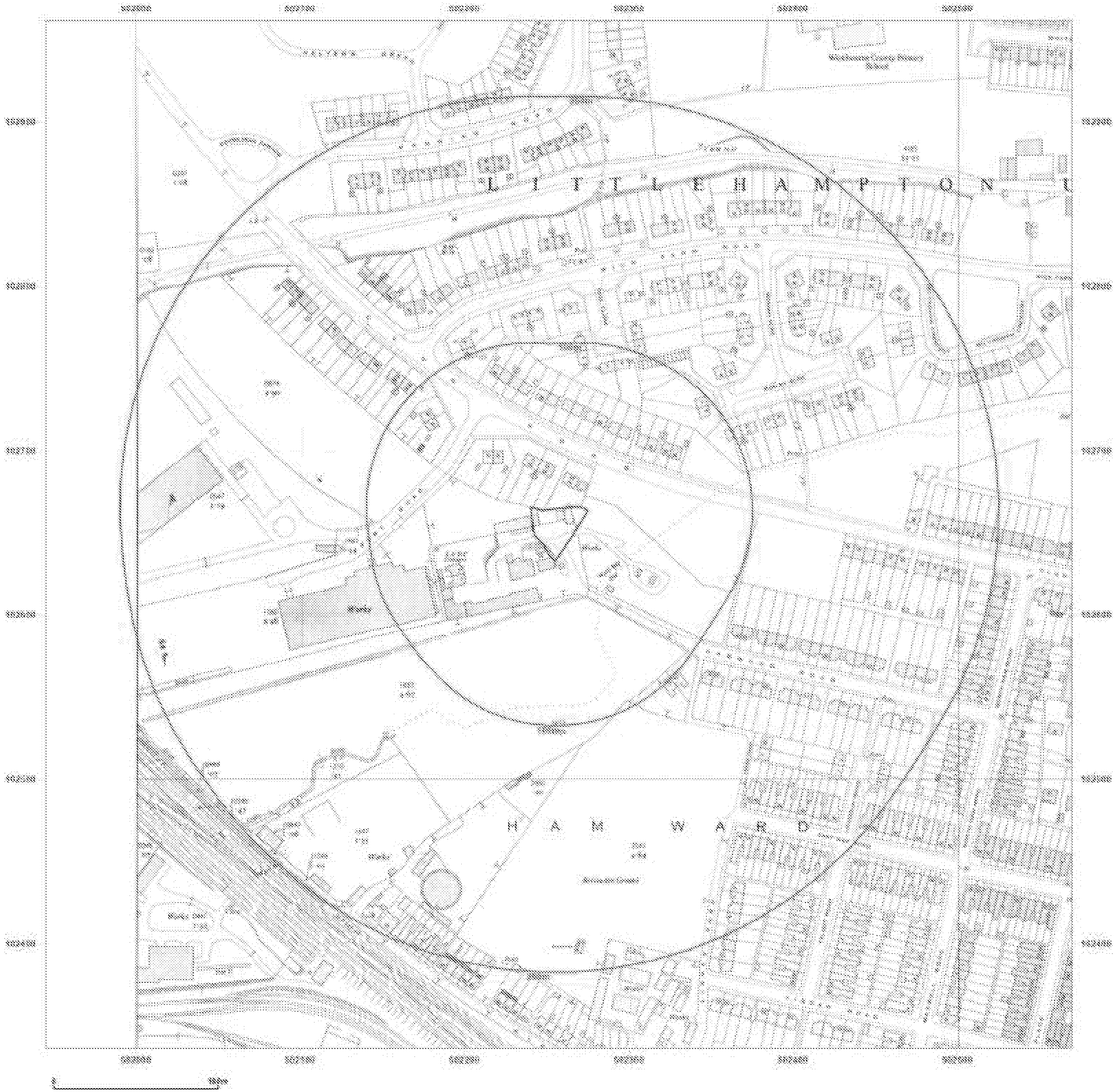
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1957**

Scale: 1:2,500

Printed at: 1:2,500

N
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Revised 1957
Edition 1959
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1958**

Scale: 1:1,250

Printed at: 1:2,000

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

Surveyed N/A
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Edition N/A
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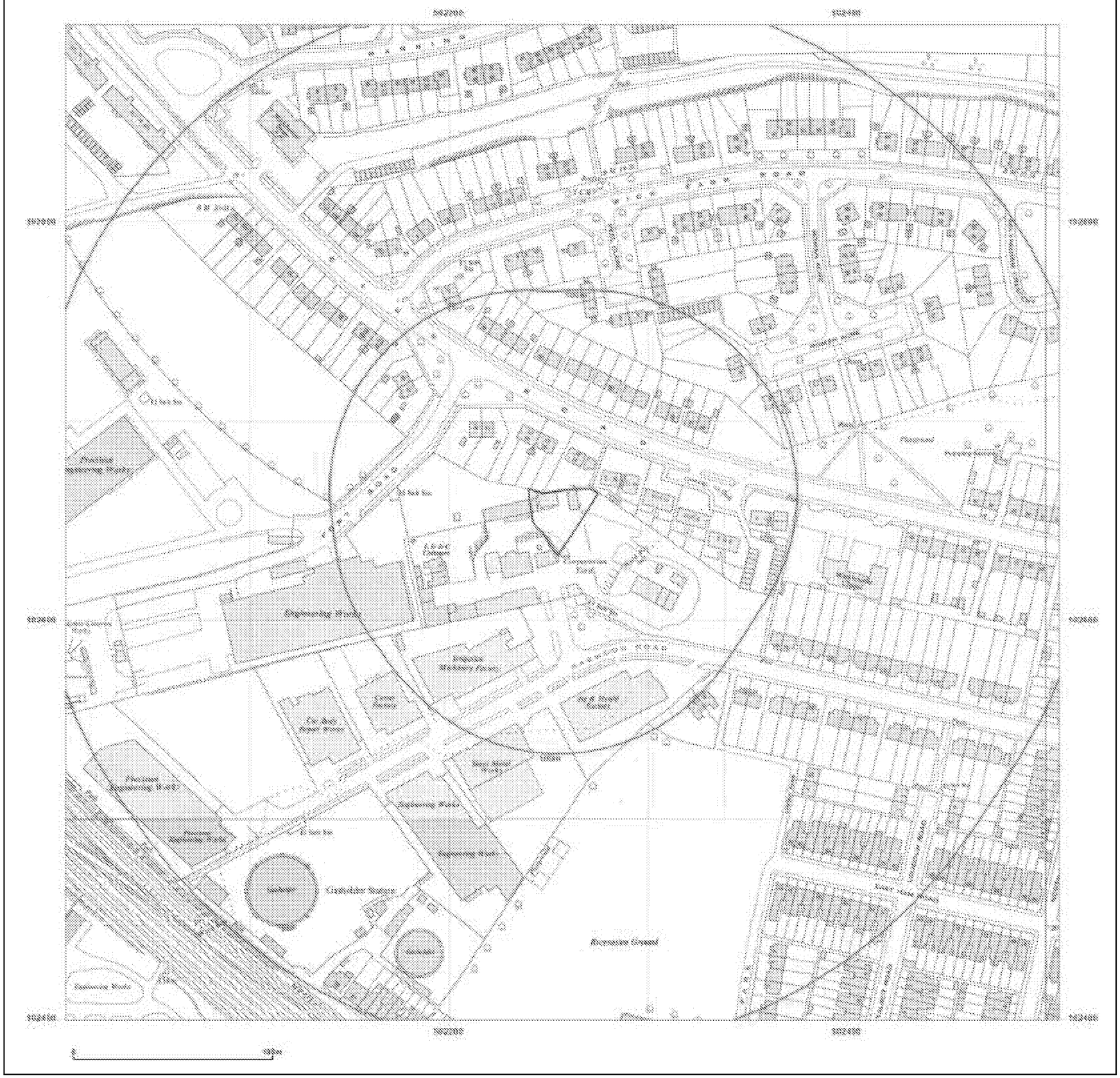
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1965-1968**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1957 Revised 1957 Edition N/A Copyright 1966 Levelled 1966	Surveyed 1957 Revised 1968 Edition N/A Copyright 1968 Levelled 1968
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1974-1979**

Scale: 1:1,250

Printed at: 1:2,000

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Revised N/A
Edition N/A
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Levelled N/A

Surveyed N/A
Revised N/A
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1984**

Scale: 1:1,250

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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1993-1994**

Scale: 1:1,250

Printed at: 1:2,000

N W E S

Surveyed 1993
Revised 1993
Edition N/A
Copyright 1993
Levelled 1993

Surveyed 1994
Revised N/A
Edition N/A
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Levelled N/A

Surveyed N/A
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1994-1995**

Scale: 1:1,250

Printed at: 1:2,000

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Edition N/A
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Revised N/A
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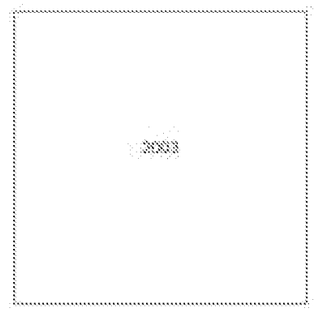
Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

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

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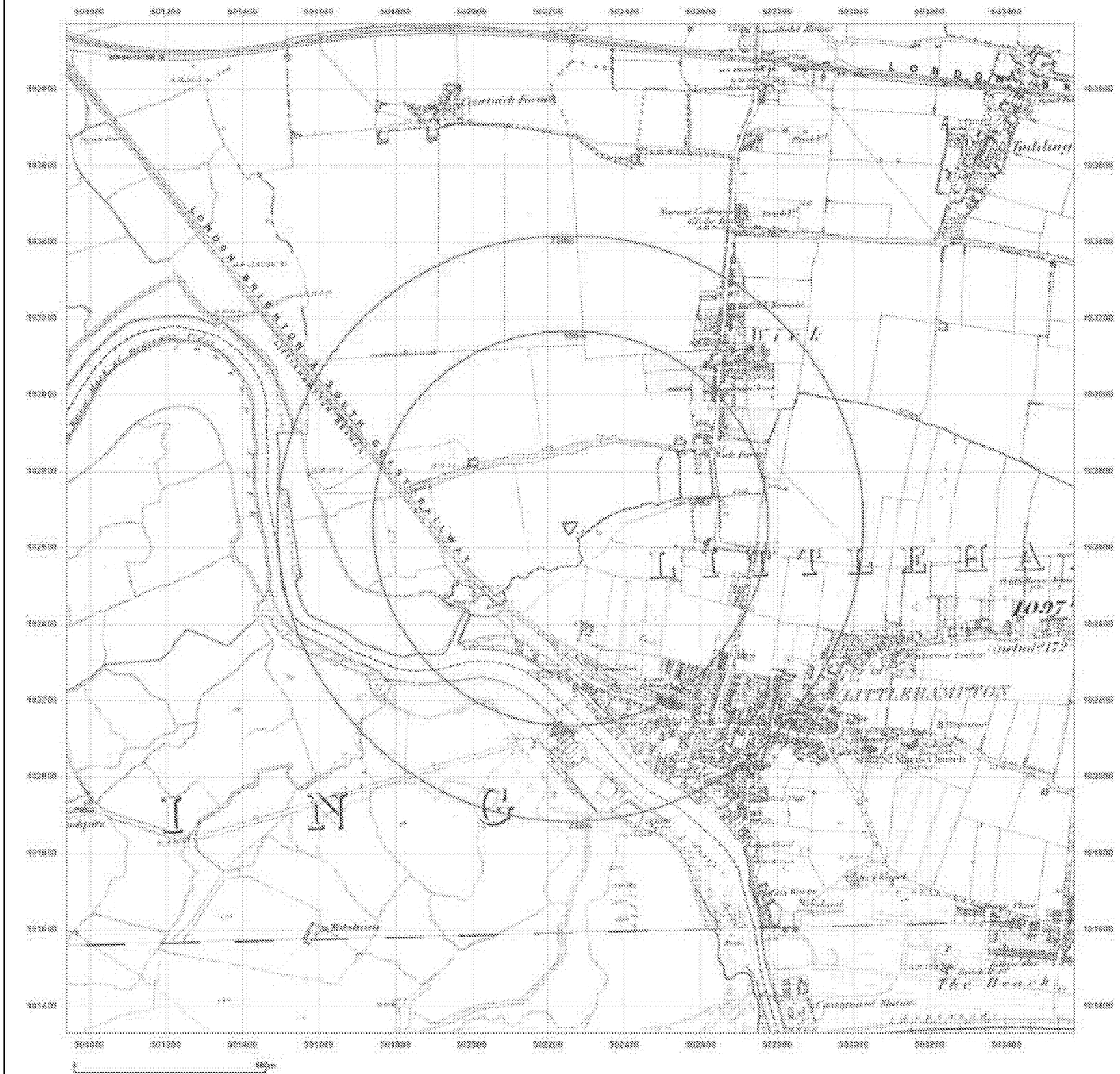
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LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: **1876**

Scale: 1:10,560

Printed at: 1:10,560

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Revised 1875
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1875
Edition N/A
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Levelled N/A

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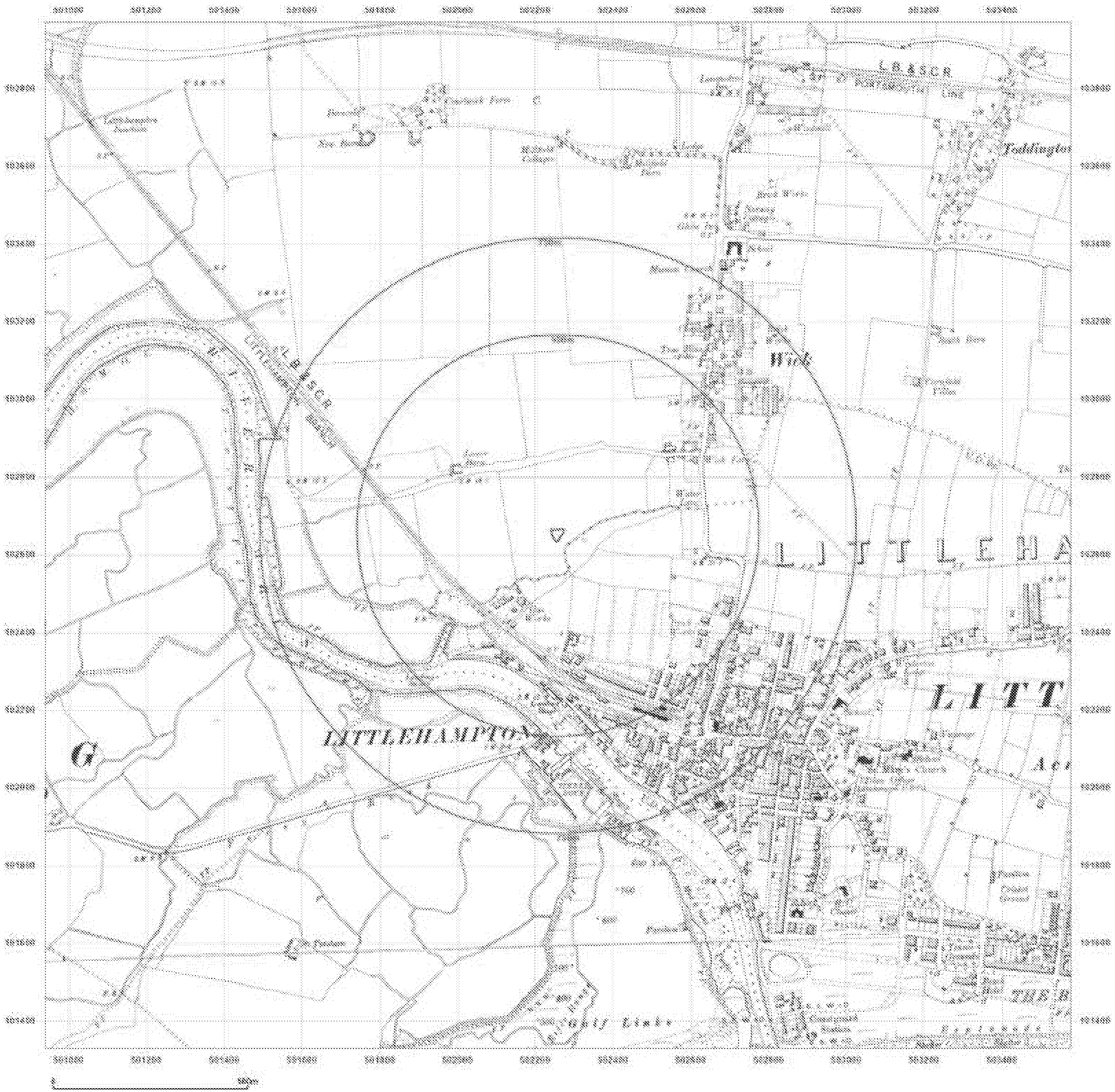
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: **1896**

Scale: 1:10,560

Printed at: 1:10,560

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Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

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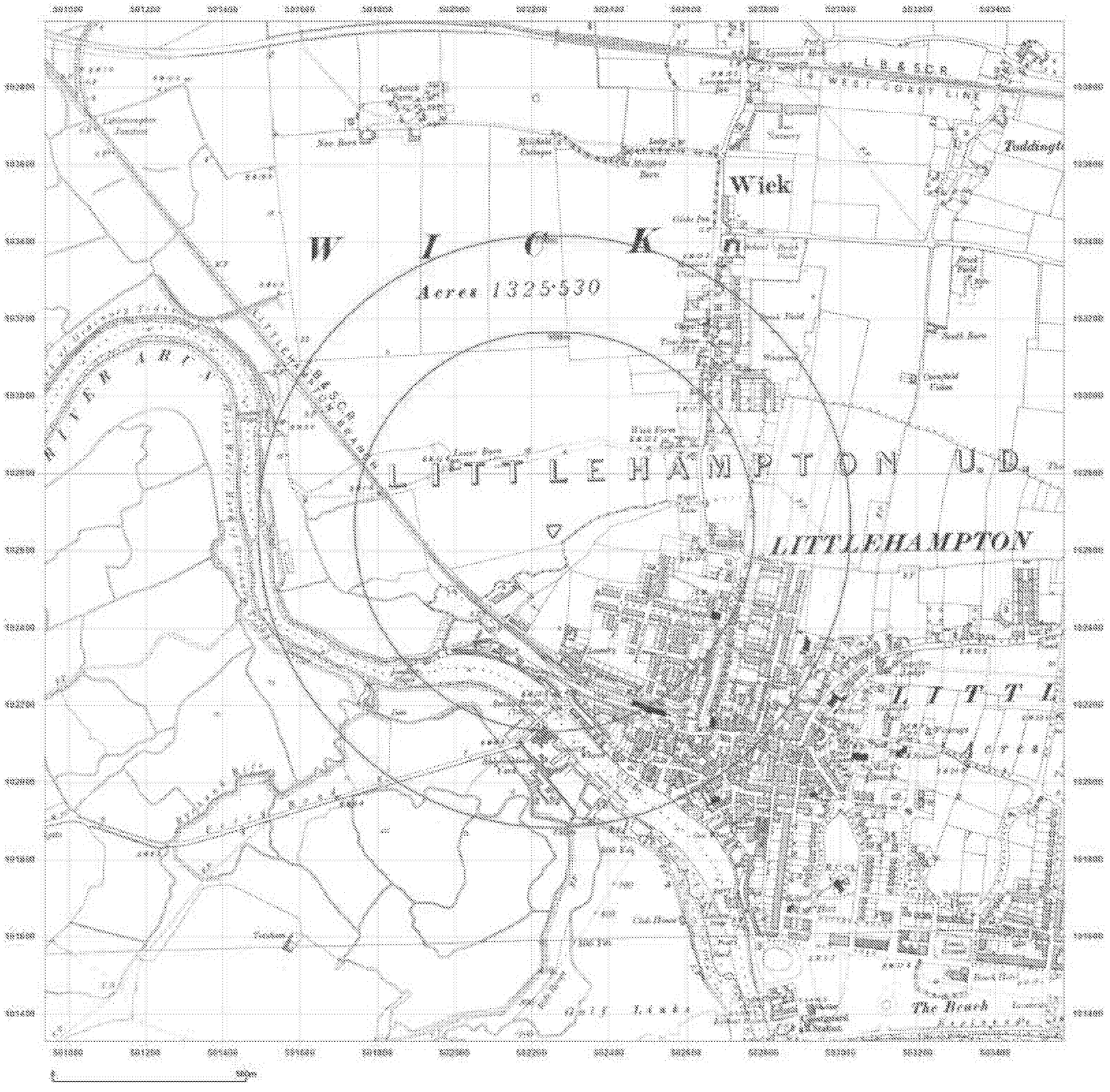
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Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series
Map date: **1910**
Scale: 1:10,560
Printed at: 1:10,560

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Surveyed 1875
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

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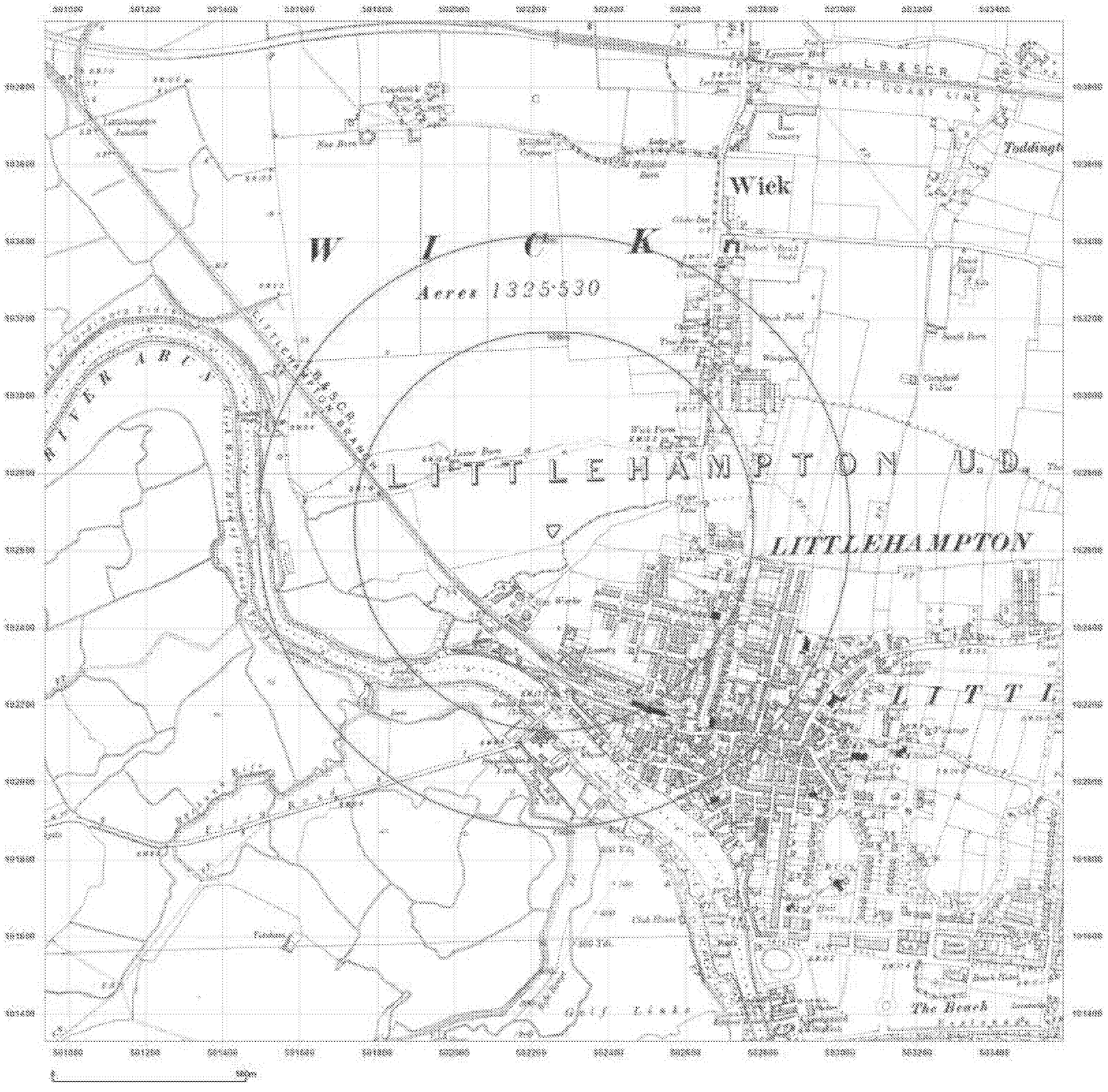
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PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series
Map date: **1910**
Scale: 1:10,560
Printed at: 1:10,560

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Surveyed 1875
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

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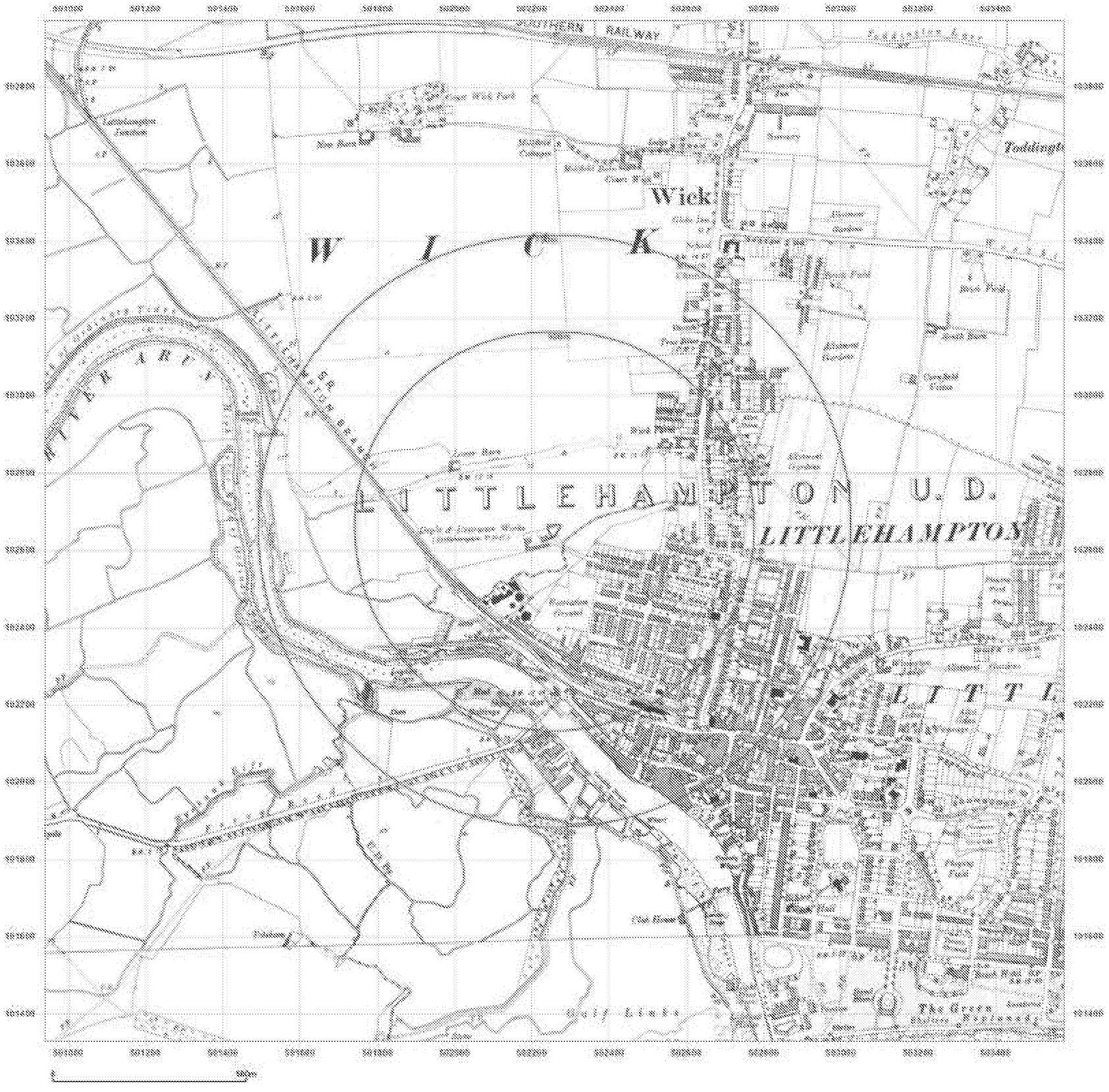
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Site Details:

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PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: **1932**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1875
Revised 1892
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1892
Edition N/A
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Levelled N/A

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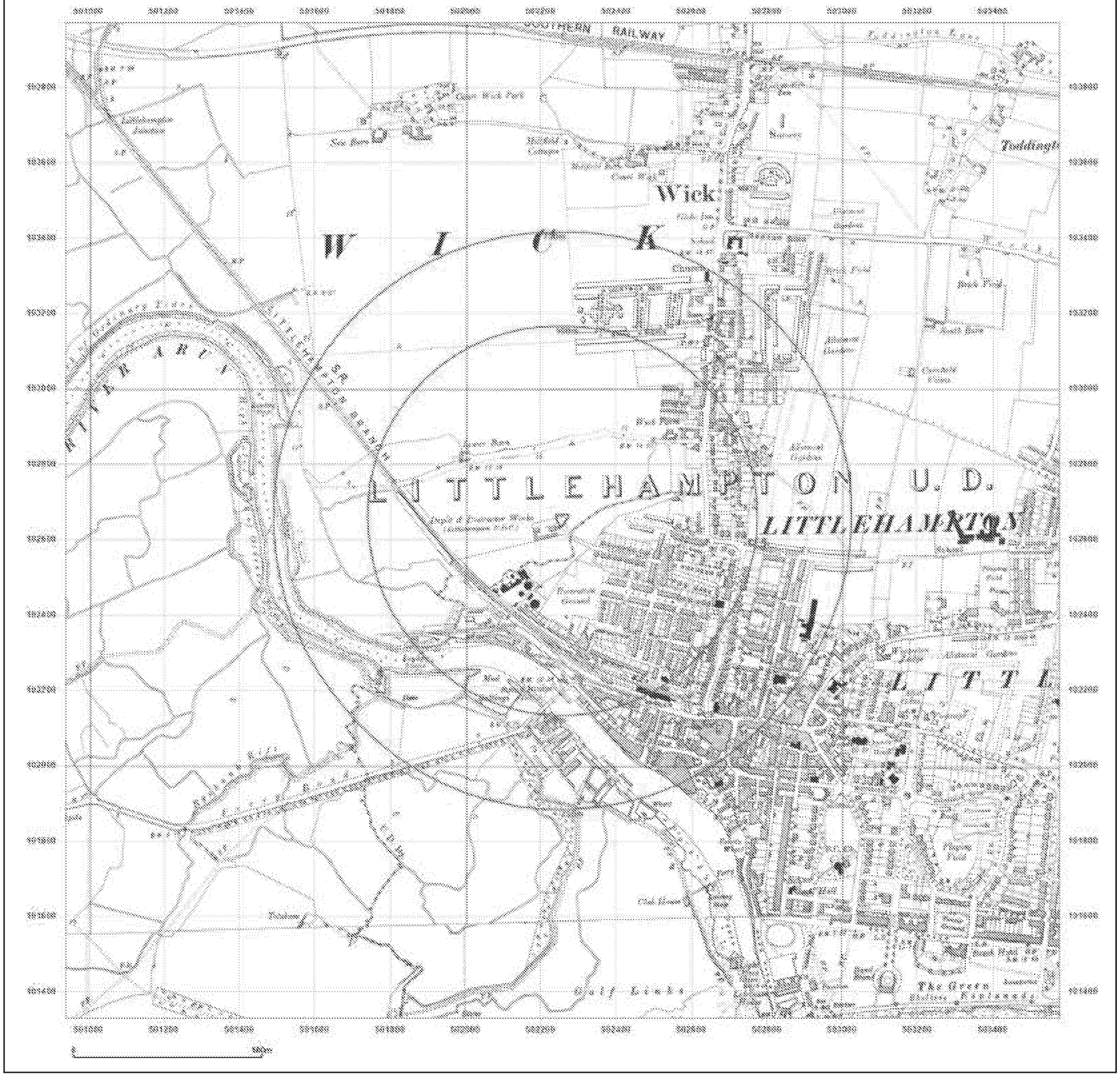
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N
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S

Surveyed 1875
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1875
Revised 1896
Edition N/A
Copyright N/A
Levelled N/A

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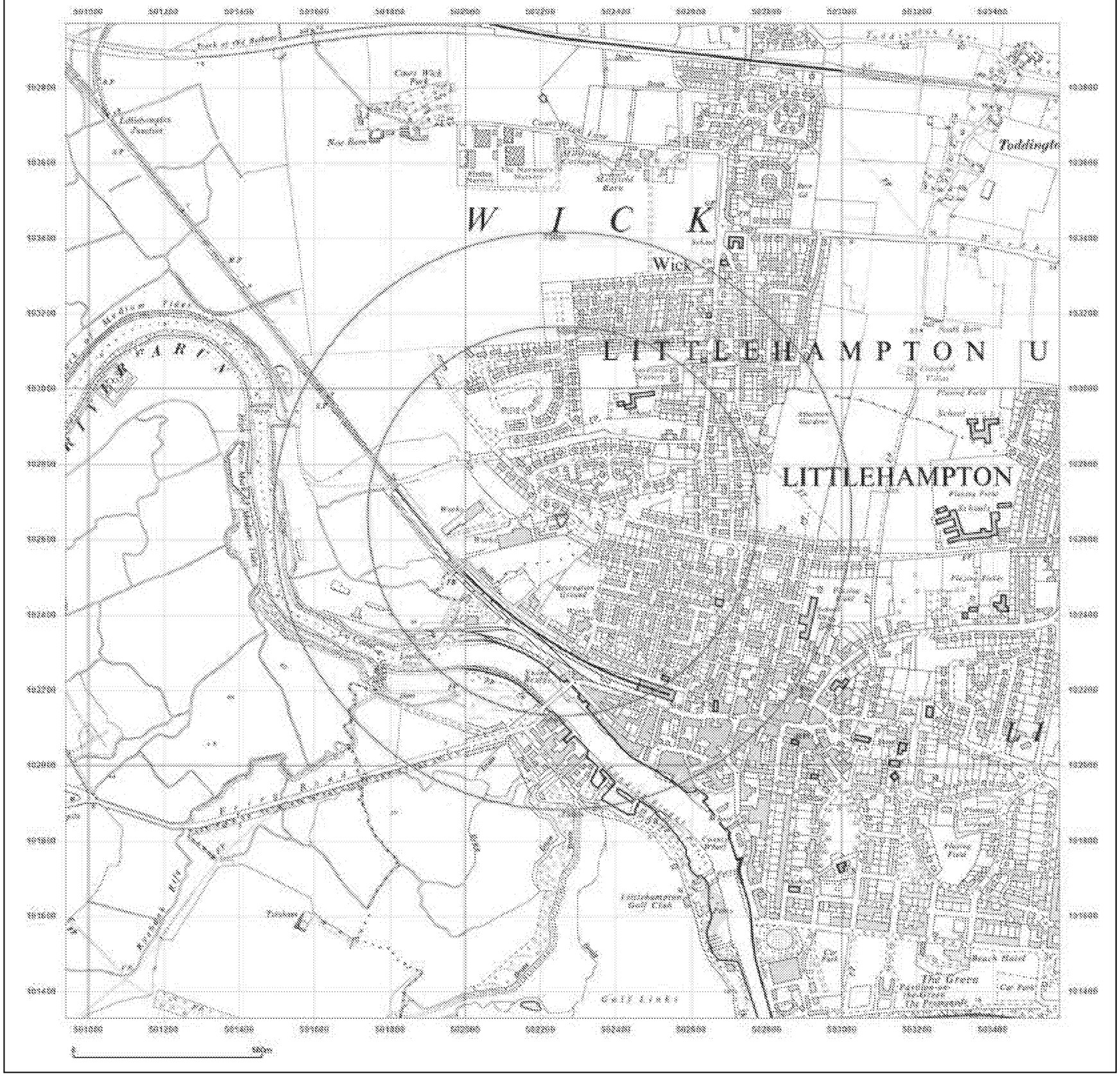
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: Provisional
Map date: **1957**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
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Surveyed 1875
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

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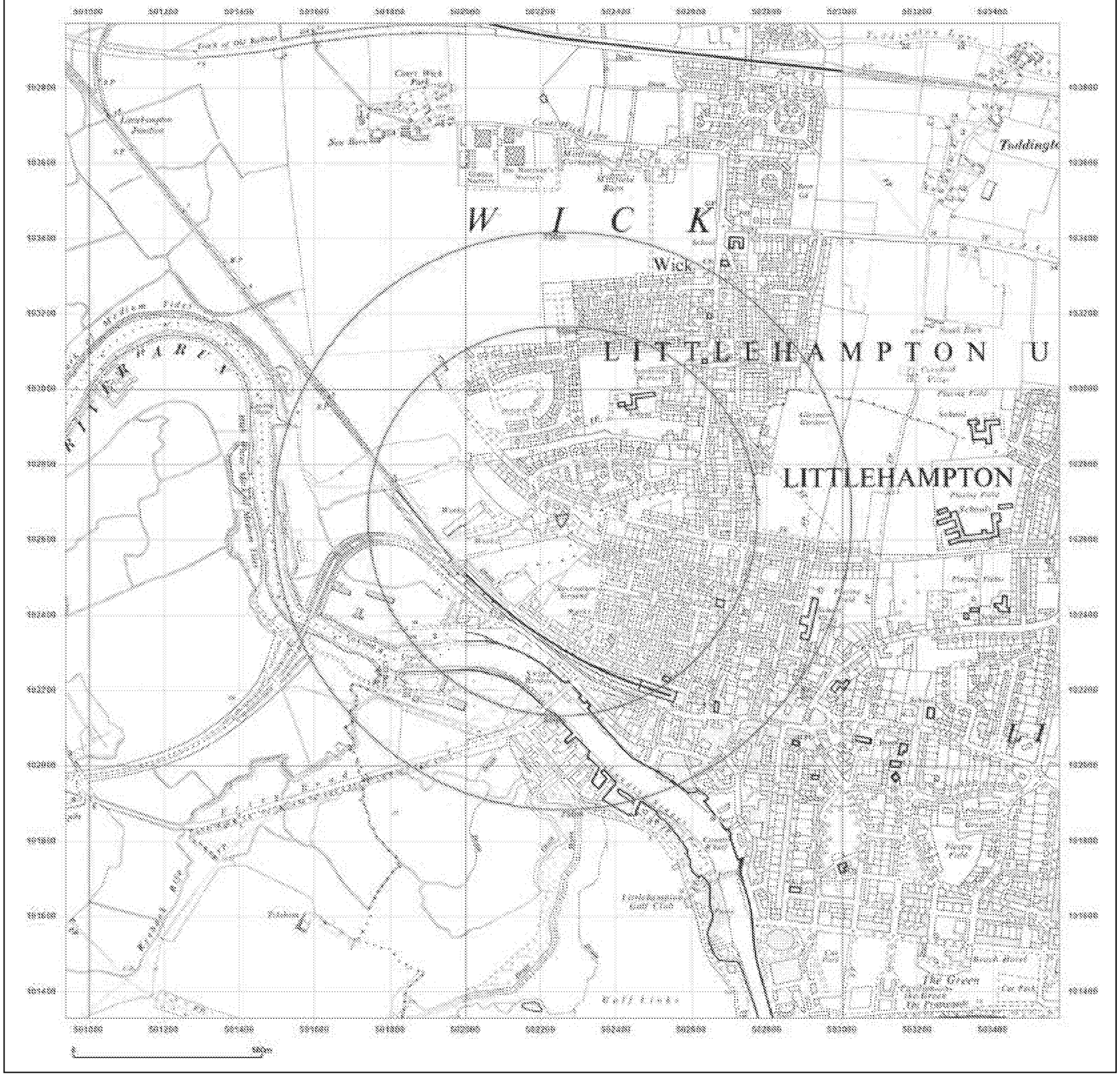
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: Provisional
Map date: **1957**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

Surveyed 1875
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

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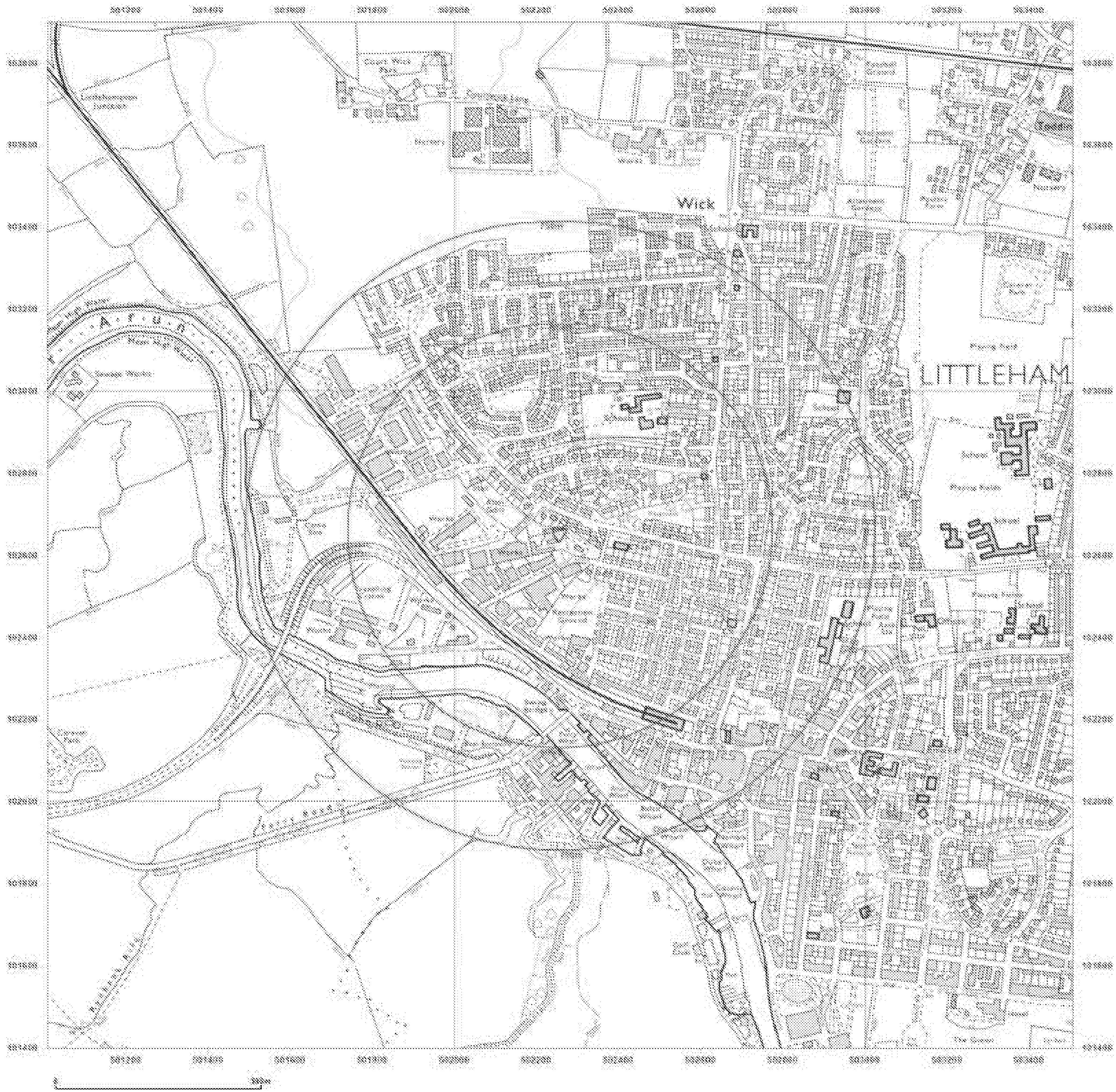
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY PARK, FORT ROAD, LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1974**

Scale: 1:10,000

Printed at: 1:10,000

N W E S

Surveyed 1973
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

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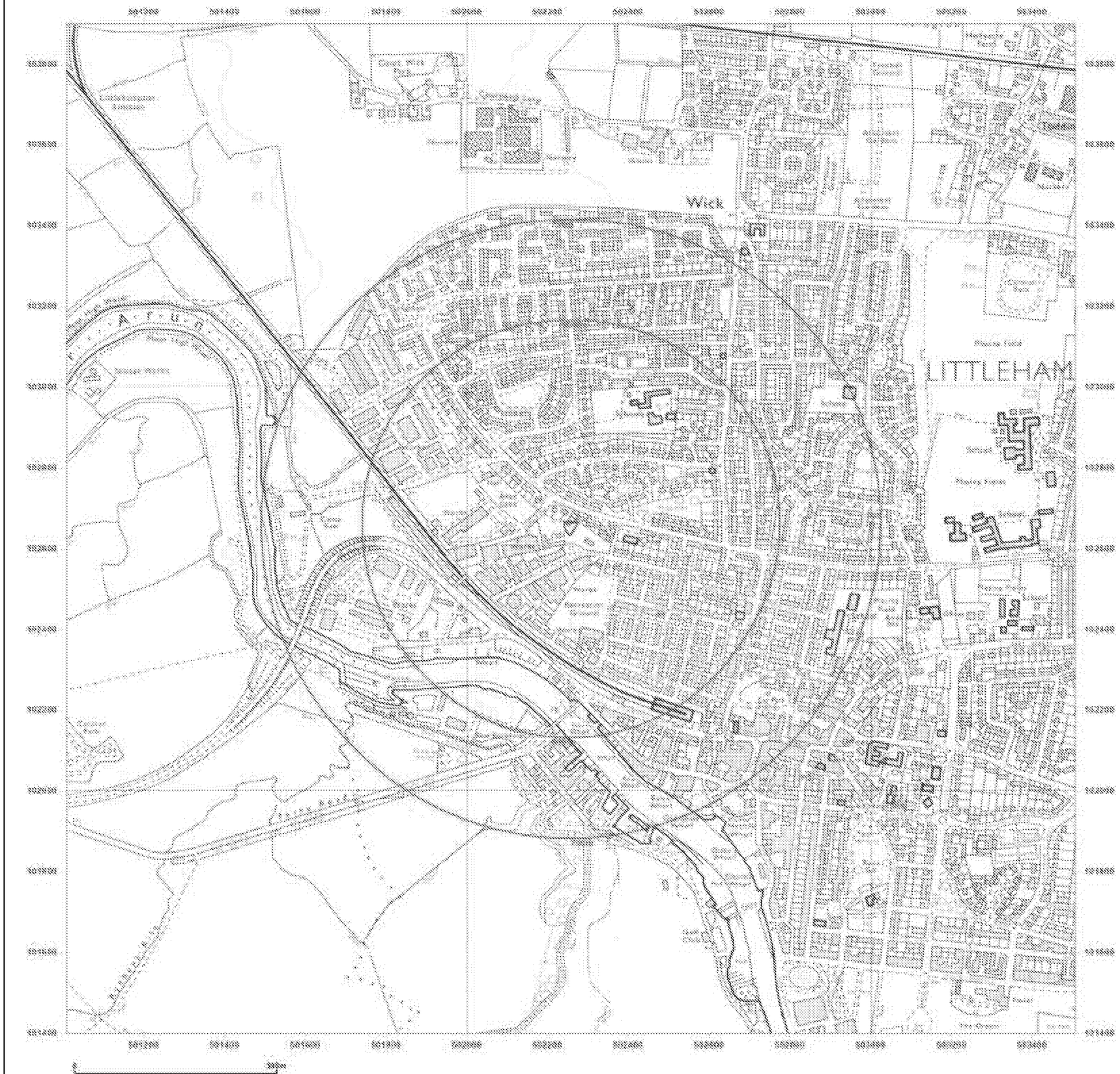
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1981**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
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Surveyed 1981
Revised 1901
Edited N/A
Copyright N/A
Levelled N/A

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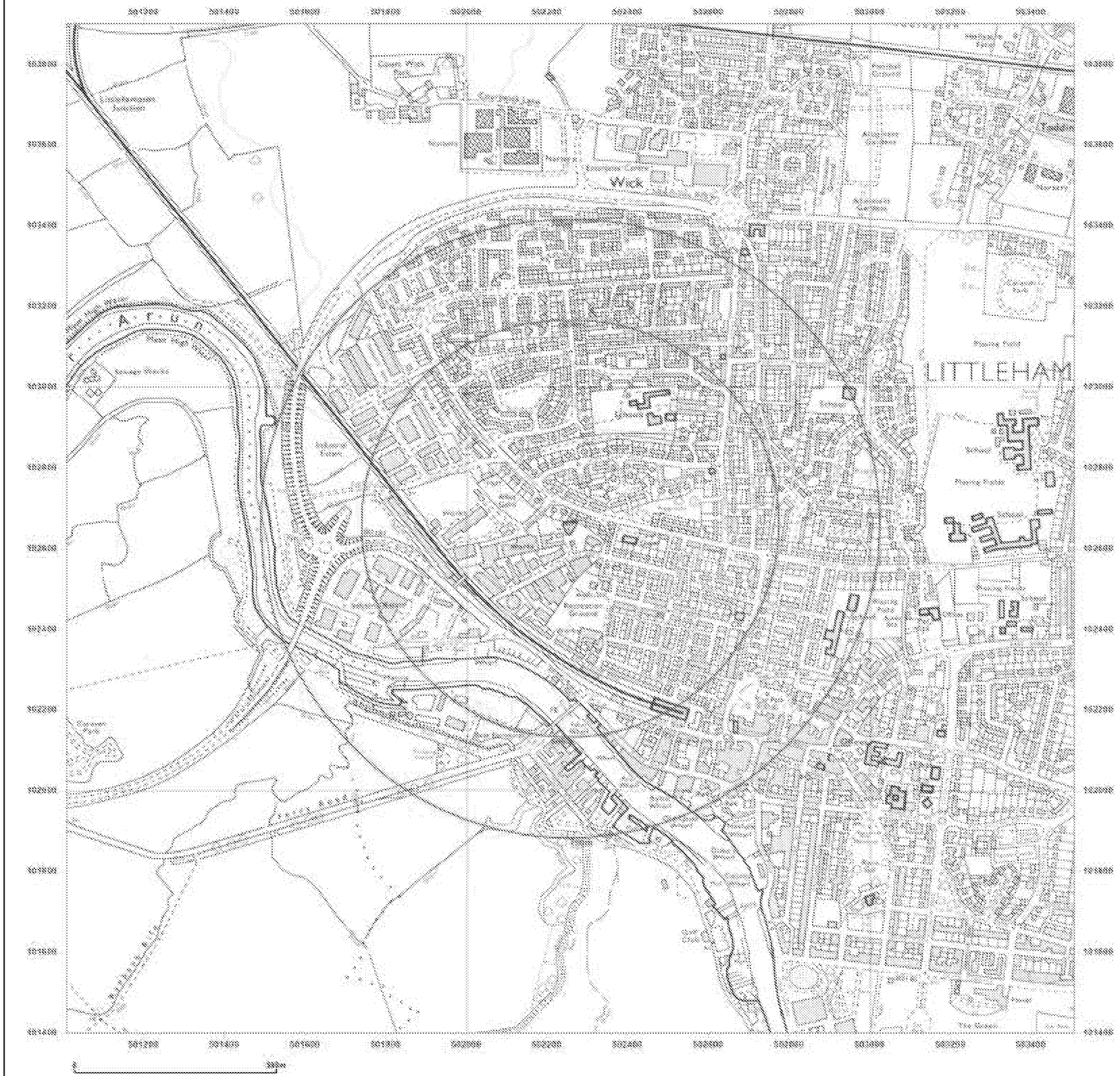
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Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1991
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

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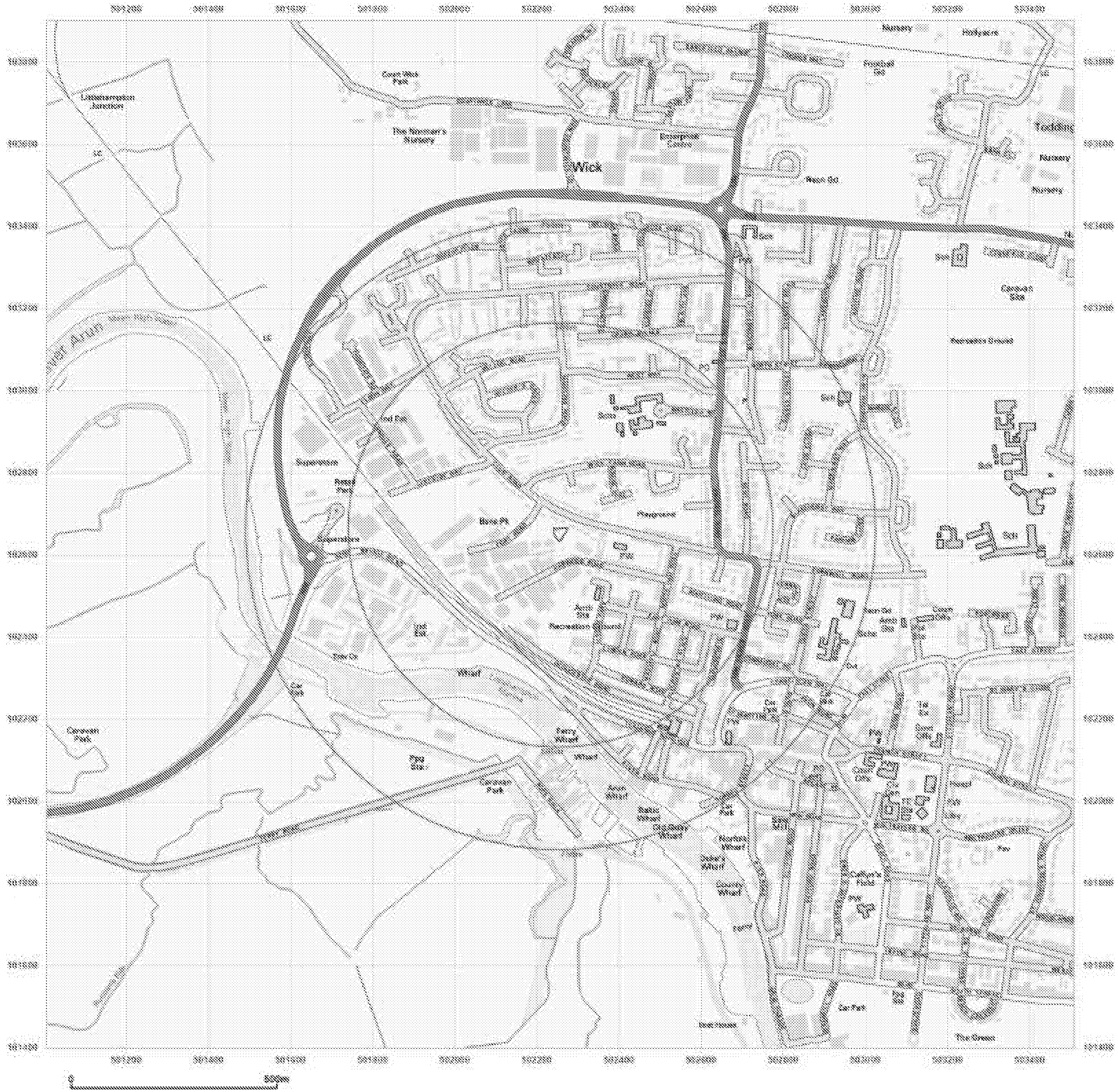
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Groundsure INSIGHTS

Site Details:

FORT ROAD COMMUNITY PARK, FORT ROAD, LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

N W E S

2001

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Site Details:

FORT ROAD COMMUNITY PARK, FORT ROAD, LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

N W E S

2010

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Site Details:

FORT ROAD COMMUNITY
PARK, FORT ROAD,
LITTLEHAMPTON, BN17 7ED

Client Ref: YEX1978
Report Ref: GS-7699973
Grid Ref: 502257, 102649

Map Name: National Grid

Map date: **2021**

Scale: 1:10,000

Printed at: 1:10,000

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