Appendix 6.4 Ground Contamination Risk Assessment Report

Ashdown Site Investigation Limited

57 River Road
Littlehampton
West Sussex

Ground Contamination Risk Assessment Report

Report Beneficiary:

Brownfield Estates Ltd
8 South Terrace
Littlehampton
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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 57 River Road, Littlehampton, West Sussex. The development proposals are understood to comprise demolition of the existing building and the construction of a 2 storey residential building including car and cycle parking spaces but no areas of soft landscaping.

The site currently comprises a two-storey building occupied by Riverside Autos, situated at the north western end of the site, with the remainder of the site used for parking and storage of equipment. The River Arun lies to the south west of the site.

The existing building was present at the time of the earliest inspected historical map, dated 1876, and no physical development appears to have occurred on the site since this time. The site and the surrounding areas have had a number of commercial uses as various types of works and has been used as a wharf.

Reference to geological datasets indicates that the site is expected to be underlain by the Raised Beach Deposits overlying the White Chalk Subgroup. The ground investigation confirmed the underlying soils to comprise a significant thickness of made ground, overlying Raised Beach Deposits. A previous ground investigation on the site also encountered a significant thickness of made ground underlain by the Raised Beach Deposits overlying the White Chalk Subgroup.

The Raised Beach Deposits is classed as a Secondary A Aquifer and the White Chalk Subgroup is 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. Groundwater was encountered only within the standpipe installed in borehole WS01, at depths of between 1.05m and 2.50m below ground level. The other stand-pipe, installed in borehole WS05 further back from the river edge remained dry.

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

Testing of shallow made ground soils did not record any concentrations of heavy metals, PAH compounds or petroleum hydrocarbons that would be considered to pose an unacceptable risk to either end users or controlled waters where the soils remain beneath building cover or permanent hard standing.

Liaison with the local water supply company is recommended in relation to whether protective water supply pipe is required as part of the development.

There remains the potential for localised petroleum hydrocarbon contamination to be present beneath the footprint of the building on site and it is recommended that further inspections are undertaken following demolition and clearance of the floor slab to confirm whether any visual or olfactory evidence of petroleum hydrocarbon contamination is present.

It is recommended that this report is submitted to the Local Planning Authority in support of a planning application for the site and the conclusions drawn should be considered as provisional until such time is it approved by the LPA.

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1. INTRODUCTION

It is proposed to redevelop the site at 57 River Road Littlehampton, West Sussex. The development proposals are understood to comprise demolition of the existing building and the construction of a 2 storey residential building including car and cycle parking spaces but no areas of soft landscaping. A copy of the proposed development layout is presented in Appendix A.

Ashdown Site Investigation Ltd was requested to undertake a 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;
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;
d) Investigate the shallow ground and groundwater conditions prevailing at the site;
e) Test for the presence of contaminants identified by the preliminary conceptual model; and
f) Develop a quantitative conceptual model of the site, refining the preliminary model to identify any remaining pollutant linkages that may be present.

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 Q9853, dated 29th June 2020. The instruction to proceed was received from the client, Brownfield Estates Ltd.

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 G.

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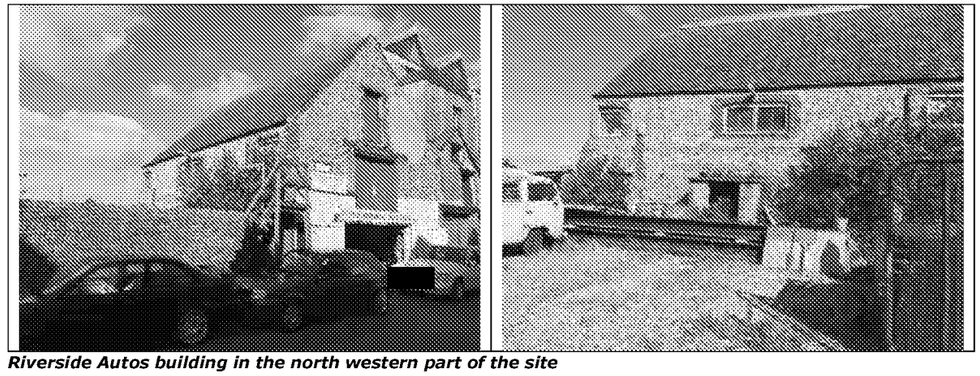
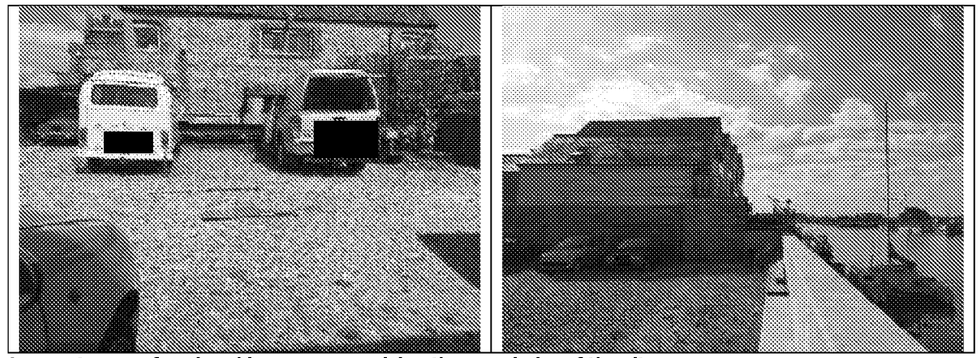
2. WALKOVER SURVEY

The site comprises a rectangular shaped plot of land located at River Road, Littlehampton, West Sussex, and is centred on the approximate Ordnance Survey national grid reference TQ 0235 0213. A site location plan and site plan are presented as Figure 1 and Figure 2, respectively.

A two-storey building occupied by Riverside Autos is located in the north west of the site. The remainder of the site is a loose stone surfaced yard area, which at the time of the walkover survey was in use for vehicle parking and storage of equipment.



Riverside Autos building in the north western part of the site



Loose stone surfaced parking area comprising the remainder of the site

The site is bounded by modern housing developments to the north west and south east. River Road is located to the north east of site and the River Arun is located to the south west of the site, with a river wall forming the south western boundary.

3. ENVIRONMENTAL AND GEO-ENVIRONMENTAL DATA REVIEW

3.1 Geological and Hydrogeological Information

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	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 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 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. 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.

3.1.2 Mining and Natural Ground Hazards

Table 2. Mining and Natural Ground Subsidence Hazards from Envirocheck Data

Section	Risk Assessment
Coal Mining Affected Areas	In an area that might not be affected by coal mining
Non-Coal Mining Areas of Great Britain	Rare
Potential for Collapsible Ground Stability Hazards	Very Low
Potential for Compressible Ground Stability Hazards	No Hazard Identified
Potential for Ground Dissolution Stability Hazards	No Hazard Identified
Potential for Landslide Ground Stability Hazards	Very Low
Potential for Running Sand Ground Stability Hazards	Very Low
Potential for Shrinking or Swelling Clay Ground Stability Hazards	No Hazard Identified

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 a geotechnical ground investigation.

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3.1.3 Radon

Table 3. 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.

3.1.4 Groundwater Source Protection Zones

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.

3.1.5 Groundwater and Surface Water Abstraction Licences

No groundwater abstraction licences are indicated within 1km of the site.

The closest surface water abstraction licence is recorded to lie 471m to the north west of the site. The abstraction is for general washing/process washing.

3.1.6 Surface Water Features

The nearest recorded significant surface water feature is the River Arun, located immediately to the south west of the site.

3.1.7 Flooding

3.1.7.1 Flooding by Rivers or Sea

The site lies within an Environment Agency Flood Zone 3. This is defined as an area with a 1 in 100 (1%) or greater chance of flooding each year from Rivers; or with a 1 in 200 (0.5%) or greater chance of flooding each year from the Sea.

Flood Defences are recorded to be located on site.

3.1.7.2 Groundwater Flooding

The site lies within an area where the British Geological Survey report the "Potential for Groundwater Flooding to Occur at Surface".

The area to the north of the site is recorded to be in an area where the British Geological Survey report the "Potential for Groundwater Flooding of Property Situated Below Ground Level".

3.2 Data Review

3.2.1 Agency & Hydrological Data

The data has been reviewed and any entries referring to locations on, or in close proximity to, the site that may pose a potential risk are discussed within the following table.

Table 4. Agency & Hydrogeological Data

Section	Discussion
Pollution Incidents to Controlled Waters	An incident occurred to the River Arun (by The Arun View) in 1998, 44m south east of the site. The pollutant was oils – diesel (including agricultural) and the incident was categorised as "minor".

Given the nature of the incident it is not considered to pose an unacceptable risk to the site.

3.2.2 Waste

The data has been reviewed and any entries referring to locations on, or in close proximity to, the site that may pose a potential risk are discussed within the following table.

Table 5. Waste Data

Section	Discussion
Historical Landfill Sites	Littlehampton Ferry Road South landfill is located 127m west of the site; the landfill received inert, commercial and household waste between 31st December 1946 and 31st December 1975.

Given the location of the landfill, on the far side of the River Arun, it is not considered to pose an unacceptable risk to the site.

3.2.3 Hazardous Substance

The data has been reviewed and none of the entries within this section are considered to pose a significant risk to the site.

3.2.4 Industrial Land Use

The data has been reviewed and any entries referring to locations on, or in close proximity to, the site that may pose a potential risk are discussed within the following table.

Table 6. Industrial Land Use

Section	Discussion
Contemporary Trade Directory Entries	Complete Automobile Repair Services (garage services) is identified to be located 17m north west of the site at 47 River Road. Riverside Autos (car body repairs) is identified to be located 17m north west of the site at 57 River Road. This entry refers to the existing building on the site.

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Ashdown Site Investigation Ltd. has previously undertaken a ground investigation and Phase II (quantitative) ground contamination risk assessment for the now completed development at 47 River Road[1]. Testing of made ground soils identified elevated concentrations of lead and benzo(a)pyrene in respect of generic soil screening values. No elevated concentrations of petroleum hydrocarbons were recorded by the investigation.

The report recommended that following demolition of the existing garage workshop and removal of the hard standing, the exposed formation level should be inspected to confirm that no evidence of significant contamination was present. A subsequent inspection of the formation level[2] by Ashdown Site Investigation Ltd. confirmed the absence of any visual or olfactory evidence of suspected contamination and no further risks were identified.

Heavy metals and PAH compounds are not significantly mobile and their presence within made ground on an adjacent site are not considered to represent a significant risk to the current assessment site.

3.2.5 Sensitive Land Use

The data has been reviewed and no sensitive land uses relevant to the proposed development have been identified within 500m of the site.

[1] Contamination (Phase II) Assessment Report, Report No. Lw21184, dated July 2010.
[2] As presented within Watching Brief Inspection Report, Reference LW23263, dated 23rd October 2012.

4. PREVIOUS GROUND INVESTIGATION

As part of a ground investigation with respect to the design of foundations for the development at 47 River Road, a cable percussion borehole was drilled at 57 River Road, adjacent to the building in the northern part of the site, with the results presented in a report produced by Ashdown Site Investigation Ltd[3]. Contamination testing was not undertaken as part of the ground investigation, though made ground comprising silty clayey sandy gravel of chalk, brick, flint, crystalline rock and glass, was recorded to a depth of 2.8m below ground level.

5. 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 7. Summary of Significant Features Identified on Historical Maps

Map Details	On-Site	In the Vicinity of the Site
1876 1:2,500	The site is shown in its existing layout – with a building located in the north western part of the site and the remainder of the site vacant.	Buildings are located to the north west and south east of the site. River Road is located to the north east of the site, with residential housing beyond. A river is located to the south west of the site.
1932 1:2,500	No significant changes.	An iron works is located ~40m to the north of the site.
1958 1:1,250	The site is labelled as a "wharf".	The buildings located to the north west and south east are labelled as "works". The iron works has been expanded and is labelled as a "works".
1968 1:1,250	The building in the north western part of the site is shown as part of a larger building on 47 River Road and is labelled as a "plastic works".	The works to north of the site has been expanded and is labelled as an "engineering works". The building to the south east of the site is labelled as an "engineering works". The larger building to the north west of the site is labelled as a "garage".
1976 1:1,250	The building in the north west of the site is labelled as a "works".	The site to the north west of the site is labelled as a "works". A boat yard is shown 30m east of the site.
1994 1:1,250	The site is denoted as a "wharf".	The engineering works and the boat yard are no longer shown and the engineering works is shown as having been developed for housing.

[3] Brief Geotechnical Report, Reference: LW23020, dated 24th February 2012.

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Map Details	On-Site	In the Vicinity of the Site
1995 1:1,250	No significant changes.	The area of the former boat yard has been developed for housing.

The works and yard to the north and east of the site are considered too distant to represent sources of contamination which could pose an unacceptable risk to the site.

6. PRELIMINARY CONTAMINATION RISK ASSESSMENT

6.1 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[4].

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 B.

Table 8. 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

6.2 Basis of Assessment

The proposed development is to comprise new residential units but with no areas of garden or soft landscaping where end users may come into contact with the underlying soils, or 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[5] 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; 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.

The findings of the preliminary contamination risk assessment have been used to inform the ground investigation works which are discussed in the following sections of the report.

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

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6.3 Potential Contamination Sources Identified

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

- Significant depth of made ground beneath the site.
- Historical use of the site as a works and car repair garage.
- Historical use of the land to the south east of the site as a works.

6.4 Preliminary Conceptual Model

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

7. GROUND INVESTIGATION

7.1 Introduction

The ground investigation comprised the excavation of a series of dynamic sampler boreholes. Gas and groundwater monitoring standpipes were installed in selected exploratory holes and monitored on subsequent site visits. The fieldwork was carried out on 17th July 2020. The exploratory hole locations are shown on Figure 2.

Descriptions of the strata encountered and comments on groundwater conditions are shown in the exploratory hole records given in Appendix D, together with notes to assist in their interpretation.

7.2 Exploratory Holes

7.2.1 Dynamic Sampler Boreholes

Five boreholes, designated WS01 to WS05, were each drilled to a depth of 3.00m below ground level.

The boreholes were formed by a series of 1.0m long, open ended, hollow steel tubes of up to 100mm diameter, each containing a removable plastic liner. The tubes, progressively reducing in diameter, were driven into the ground by means of a track-mounted drop weight. Each tube was extracted from the ground using a hydraulically operated jack and the enclosed sample was recovered in its plastic liner.

The system enables sub-samples to be taken for detailed examination and laboratory testing.

7.3 Sampling

Disturbed samples of soil were taken at the depths shown in the exploratory hole records and were collected in plastic bags, plastic tubs or amber jars fitted with gas tight lids.

On collection the amber jars were stored in cool boxes with cooling blocks to maintain temperatures below 4°C until transferred to refrigerators upon return to the office and subsequently forwarded to the external accredited chemical testing laboratory.

7.4 Installations

Gas and groundwater monitoring standpipes were installed to a depth of 3.00m in boreholes WS01 and WS05. Descriptions of the installations are shown on the exploratory hole records in Appendix D.

The concentrations of gases and depths to groundwater were recorded within the standpipes on three occasions between 21st July and 3rd August 2020. The readings are presented in Appendix D.

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7.5 Laboratory Testing

Laboratory testing was scheduled by Ashdown Site Investigation Ltd. Results from the laboratory tests are provided in Appendix E.

Chemical testing of selected samples was undertaken by a laboratory with recognised (UKAS and MCERTS) accreditation for quality control.

8. GROUND CONDITIONS

8.1 Stratigraphy

8.1.1 Surface Covering

No specific surfacing materials were encountered in the exploratory holes.

8.1.2 Made Ground

Made ground, generally comprising gravelly sandy clay, clayey sand and gravel and/or silty gravel of chalk fill, was recorded to depths of between 1.40m and 2.50m below ground level. The gravel fraction comprised variable quantities of chalk, flint, brick, concrete, clinker-like material, crystalline rock and slate.

Investigation works undertaken as part of a previous assessment of the adjacent site included excavation of a deep borehole within the current assessment site. The previous investigation works recorded made ground to similar depths of between 1.50m and 2.80m.

8.1.3 Raised Beach Deposits

Underlying the made ground, the investigation progressed into undisturbed gravelly sandy clays with subordinate horizons of sandy silty clayey gravels. These soils were recorded to the full depth of the boreholes drilled as part of the current investigation, and are considered to represent the Raised Beach Deposits indicated on the published geological map.

8.1.4 White Chalk Subgroup

The cable percussion borehole drilled on this site as part of previous works recorded chalk deposits below a depth 5.00m below ground level, continuing to the full depth of the borehole of 20.00m.

8.2 Stability

Instability was recorded locally within the made ground and/or coarse-grained soils encountered.

8.3 Groundwater Conditions

During the recent phase of works, during drilling the boreholes were recorded to be dry. During the subsequent monitoring of the standpipes, borehole WS05 was recorded to be dry on each occasions and borehole WS01 recorded groundwater at depths of between 1.05m and 2.50m below ground level. Given the variable water depths recorded it is considered likely that the water table is hydraulically linked to the tidal river adjacent to the site.

During the previous phase of works, groundwater was recorded at depths of between 1.50m and 4.20m below ground level.

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It should be noted that water levels within the boreholes may not have equilibrated with the groundwater table at the time the readings were recorded and that groundwater levels should be expected to fluctuate seasonally.

9. QUANTITATIVE CONTAMINATION ASSESSMENT

9.1 Assessment Strategy

The design of the ground investigation considered the potential contaminant sources identified by the preliminary ground contamination risk assessment. The investigation strategy employed to assess the potential sources is detailed in the following table.

Table 9. Investigation Works Carried Out

Contaminant source	Exploratory Positions
Made ground beneath the site as encountered by the previous ground investigation.	Sampling of shallow made ground from each exploratory hole position. Installation of gas monitoring standpipes in WS01 and WS05 and subsequent monitoring.
Historical use of the site as a works and as a car repair garage.	Sampling of shallower and deeper samples of made ground and undisturbed soils at the site.
Historical use of the land to the south east of the site as a works.	WS04 and WS05 adjacent to the south eastern boundary.

9.2 Analysis of Contamination Test Results

The results of the laboratory testing have been compared with the 'Suitable For Use Levels' (S4UL)[6] or, in lieu of an S4UL being developed for lead, the Category 4 Screening Level (C4SL)[7]. These are collectively referred to as soil screening values (SSV).

The SSV used were those calculated for a generic "Residential" land use[8], but without the pathways associated with ingestion of site grown vegetables and ingestion of soil attached to vegetables. The critical receptor for this land use is considered to be a young female child resident on site from birth to age 6. Exposure routes that are considered include the potential for direct ingestion of the soil, the outdoor and indoor ingestion of dust and the potential inhalation of dust and vapours.

For the assessment of risk to controlled waters a qualitative assessment has been undertaken based upon the concentrations of contaminants recorded within the soil samples and the information obtained about the sensitivity of the underlying strata or nearby surface water receptors.

[6] Nathanail, C.P, et al., The LQM/CIEH S4ULs for Human Health Risk Assessment, 2015, Land Quality Press, Nottingham. Copyright Land Quality Management Limited reproduced with permission; Publication Number S4UL3071.
[7] SP1010: Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination. Final Project Report, published by DEFRA, 2014.
[8] As defined within Science Report SC050021/SR3, January 2009, with the amendments discussed in the LQM/CIEH report.

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9.2.1 Heavy Metals & PAH Compounds

Although no contaminant pathways relating to direct contact or dust generation are considered to be present relating to heavy metals and PAH compounds, comparison of the results with the published SSV gives context to the values present.

The following table summarises the SSV along with the maximum and minimum concentrations of the heavy metals tested for.

Table 10. Summary of Test Results for Heavy Metals & PAH compounds

Contaminant	SSV (mg/kg)	No. of Samples	Minimum Concentration (mg/kg)	Maximum concentration (mg/kg)	Limit of Detection (mg/kg)	No of exceedances
Arsenic	40	4	13	88	< 2	1
Water Soluble Boron	11000	4	<LOD	3.7	< 1	0
Cadmium	85	4	<LOD	0.8	< 0.2	0
Chromium	910	4	13	36	< 2	0
Hexavalent Chromium	6	4	<LOD	<LOD	< 2	0
Copper	7100	4	33	592	< 4	0
Lead	310	4	132	1510	< 3	3
Mercury	56	4	<LOD	<LOD	< 1	0
Nickel	180	4	11	59	< 3	0
Selenium	430	4	<LOD	<LOD	< 3	0
Zinc	40000	4	81	811	< 3	0
Naphthalene	2.3	4	<LOD	24	< 0.1	2
Acenaphthylene	2900	4	0.14	11.1	< 0.1	0
Acenaphthene	3000	4	<LOD	14.2	< 0.1	0
Fluorene	2800	4	<LOD	33.9	< 0.1	0
Phenanthrene	1300	4	0.22	388	< 0.1	0
Anthracene	31000	4	0.13	52.1	< 0.1	0
Fluoranthene	1500	4	0.59	515	< 0.1	0
Pyrene	3700	4	0.59	427	< 0.1	0
Benz(a)anthracene	11	4	0.43	201	< 0.1	3
Chrysene	30	4	0.47	86.5	< 0.1	1
Benzo(b)fluoranthene	3.9	4	0.84	209	< 0.1	3
Benzo(k)fluoranthene	110	4	0.3	30.1	< 0.1	0
Benzo(a)pyrene	3.2	4	0.7	97.5	< 0.1	3
Indeno(123-cd)pyrene	45	4	0.61	60.8	< 0.1	1
Dibenz(ah)anthracene	0.31	4	0.12	8.22	< 0.1	3
Benzo(ghi)perylene	360	4	0.81	52.9	< 0.1	0

A number of the samples recorded elevated concentrations of lead and various PAH compounds in comparison to the published SSV.

In the context of the current development proposals these soils are not considered to pose an unacceptable risk to end users where they will remain beneath building cover or areas of permanent hard standing.

In the event that any amendments to the development proposals are made to include areas of soft landscaping, then remedial works would be necessary to prevent end users being exposed to the made ground soils.

Whilst some contaminants have been recorded above their respective SSV, at the concentrations recorded, heavy metals and PAH compounds would not be expected to be significantly mobile and are not considered to pose an unacceptable risk to controlled waters beneath/adjacent to the site.

9.2.2 Asbestos

Four samples of the made ground were screened for the presence of asbestos. The sample from WS01 recorded the presence of a bundle of fibres of amosite asbestos.

As with heavy metals and PAH compounds, when present beneath building cover or permanent hard standing, asbestos contamination within the made ground would not pose an unacceptable risk to end users.

9.2.3 Petroleum Hydrocarbons and VOC

The following table lists the SSV for petroleum hydrocarbon equivalent carbon weight fractions calculated for 1% organic content.

Table 11. SSV for petroleum hydrocarbon equivalent carbon weight fractions

Petroleum Hydrocarbon Fraction	SSV (mg/kg)	Petroleum Hydrocarbon Fraction	SSV (mg/kg)
Aliphatic EC 5-6	42	Aromatic EC 5-7	370
Aliphatic EC >6-8	100	Aromatic EC >7-8	560
Aliphatic EC >8-10	27	Aromatic EC >8-10	47
Aliphatic EC >10-12	130	Aromatic EC >10-12	250
Aliphatic EC >12-16	1100	Aromatic EC >12-16	1800
Aliphatic EC >16-35	65000	Aromatic EC >16-21	1900
Aliphatic EC >35-44	65000	Aromatic EC >21-35	1900
		Aromatic EC >35-44	1900

Whilst full speciation of the concentrations of petroleum hydrocarbons by aromatic and aliphatic fractions was not undertaken, the results of the testing undertaken can still be compared with the more stringent of the screening values for the respective equivalent carbon weight fraction and, where the concentration recorded is found to be lower, it can be reasonably concluded that no significant risk is present.

The concentrations of petroleum hydrocarbons recorded in WS02 were higher than those recorded elsewhere on the site, and the concentrations recorded in the non-volatile >C21-C40

ARUN DISTRICT COUNCIL LU/247/20/PL

fraction exceeded the more conservative (aromatic) SSV for the fraction. However, deeper samples from WS02 at 0.8m and 1.3m did not record any significant concentrations of petroleum hydrocarbons.

None of the other samples recorded any significantly elevated concentrations of petroleum hydrocarbons and at each borehole position, the concentrations of petroleum hydrocarbons generally reduced with depth.

Photo-ionisation device monitoring of the standpipes installed during the ground investigation, did not record any detectable volatile soil vapours.

The highest concentrations of petroleum hydrocarbons recorded were in the non-volatile >C16 range, these would not pose an unacceptable risk to the proposed end users of the site where they remain beneath building cover or areas of permanent hard standing.

In view of the absence of any evidence of widespread or particularly deep petroleum hydrocarbon contamination, the concentrations recorded are not considered to pose an unacceptable risk to controlled waters.

As well as the testing for petroleum hydrocarbons, two samples were tested for volatile organic compounds (VOC) at depth from boreholes adjacent to the existing building on site. No detectable concentrations of any VOC were recorded in either sample.

There remains the potential for some localised contamination to be present beneath the floor slab of the existing building. For concentrations sufficiently elevated as to pose an unacceptable risk to end users or controlled waters, such contamination would most likely show staining or strong odours. It is therefore recommended that following the demolition and clearance of the building on site, the stripped formation level should be inspected by a suitable experienced person and, should any evidence of localised contamination be identified, further investigation and assessment of these areas should be carried out.

A number of the shallow sample of made ground recorded concentrations of contaminants above the threshold values for the use of PE water supply pipes[9], indicating that the protection of water supply services is likely to be required.

It is strongly recommended that designers consult with the proposed water supply company to ascertain if further laboratory testing and assessment specific to proposed routes of services is required.

9.3 Analysis of Ground Gas Monitoring Results

The only source of ground gases identified by the preliminary assessment was the presence of deep made ground, as recorded by the previous phases of the ground investigation. Neither the current phase of works nor the previous works on the adjacent site, recorded any significant amount of putrescible material or organic matter within these made ground soils and therefore the generation potential is considered to be low.

Monitoring of the gas concentrations within the two standpipes was carried out on three occasions.

[9] Set out within Table 3.1 of the Guidance for the Selection of Water Supply Pipes to be used in Brownfield Sites, UK Water Industry Research, 2010.

Detectable concentrations of carbon dioxide were only recorded in WS05 on two occasions and on both occasions was only 0.1%. No detectable concentrations of methane were recorded. No detectable gas flow was recorded within either borehole during any of the visits.

Atmospheric pressures varied between 1009 and 1025 during the monitoring period. Monitoring was carried out during periods of both rising and falling atmospheric pressure.

Assessment of the results of the monitoring has been carried out in general accordance with the current guidance[10]. The guidance provides a methodology for assessing the risk from ground gases by the calculation of site-specific gas screening values (GSV) for each key asphyxiating or explosive gas (carbon dioxide and methane). These are calculated by multiplying the concentration (percentage/volume) of a gas by a gas flow rate (l/hr).

Initial assessment has been carried out by calculating the GSV using the highest consistent flow rate recorded multiplied by the highest gas concentration recorded. This is considered to represent a highly conservative assessment of the risk posed by ground gases.

Where no detectable gas concentrations or flow rates are recorded, the GSV are calculated assuming values equal to the limit of detection of the instrument are present.

The following table summarises the calculated GSV:

Table 12. Calculated GSV for Carbon Dioxide and Methane

Gas	GSV
Carbon Dioxide	0.001 x 0.1 = 0.0001
Methane	0.001 x 0.1 = 0.0001

For sites that do not fall within the definition of "typical" 2 storey housing, Table 8.5 of the CIRIA document sets out a series of "Characteristic Situations" for different GSV, with Table 8.6 providing guidance on the degree of protection required for each situation.

The calculated GSV place the site within Characteristic Situation 1. No specific gas protection measures are required for this situation.

Although the period of monitoring is less than that suggested by the guidance, in view of the very low likelihood that the identified source is capable of producing large volumes of gas and in view of the negligible concentrations of gas/flow rates recorded to date, further monitoring is unlikely to change the current assessment that no specific protective measures are required within the proposed buildings.

9.4 Quantitative Contamination Risk Assessment

9.4.1 Basis of Assessment

The development is to comprise new residential buildings but with no areas of garden or soft landscaping where end users may come into contact with the underlying soils or where soil derived dusts may be generated.

[10] CIRIA document C665, Assessing risks posed by hazardous ground gases to buildings, 2007.

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

9.4.2 Contamination Sources Identified

The following source of contamination has been identified by the quantitative contamination risk assessment:

- Made ground soils across the site.

9.4.3 Quantitative Conceptual Model

The quantitative conceptual model for the proposed development is presented in Appendix F.

9.5 Recommendations

The stripped formation beneath the building should be inspected to confirm the absence of any visual or olfactory evidence of suspected petroleum hydrocarbon contamination. In the absence of any visual or olfactory evidence being identified, then no further investigation or assessment would be considered to be necessary.

The local water supply company should be consulted with respect to whether there is a requirement for protective measures (i.e. barrier pipe) for any water supply pipework installed as part of the development.

9.6 Risks to Other Potential Receptors

All construction workers must undertake their own risk assessment, based upon the works to be carried out and the proposed method by which this will be achieved, in accordance with current health and safety legislation. Their assessment should take into account all available information about the site, including that contained within this report.

Appropriate working procedures and PPE should be adopted to ensure the health and safety of the site operatives. Instruction should be given in the recognition of potentially hazardous materials, specifically asbestos. All site personnel should be appropriately briefed on the discovery strategy, presented below, and what actions they must take in the event that further evidence of contamination is identified or suspected.

9.7 Discovery Strategy

If, during the course of the site clearance and development works, any materials not previously identified by the investigation that are suspected of being 'contaminants' are encountered, then the following procedure should apply:

- All works in that area should cease and the site manager should be informed.
- Advice should be sought from suitably qualified and experienced personnel as to whether any further site inspection, sampling, testing and/or assessment is deemed necessary.
- If required, the conclusions of any assessment and any proposed remedial works (if required) should be agreed by the local authority.

- If necessary, full details of any remedial works should be included in a verification report for the site.

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

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

10. REGULATORY APPROVAL

It is recommended that this report is submitted to the Local Planning Authority in support of the planning application for the site. The conclusions drawn and recommendations made should be considered provisional until such time as they have been approved by the LPA.

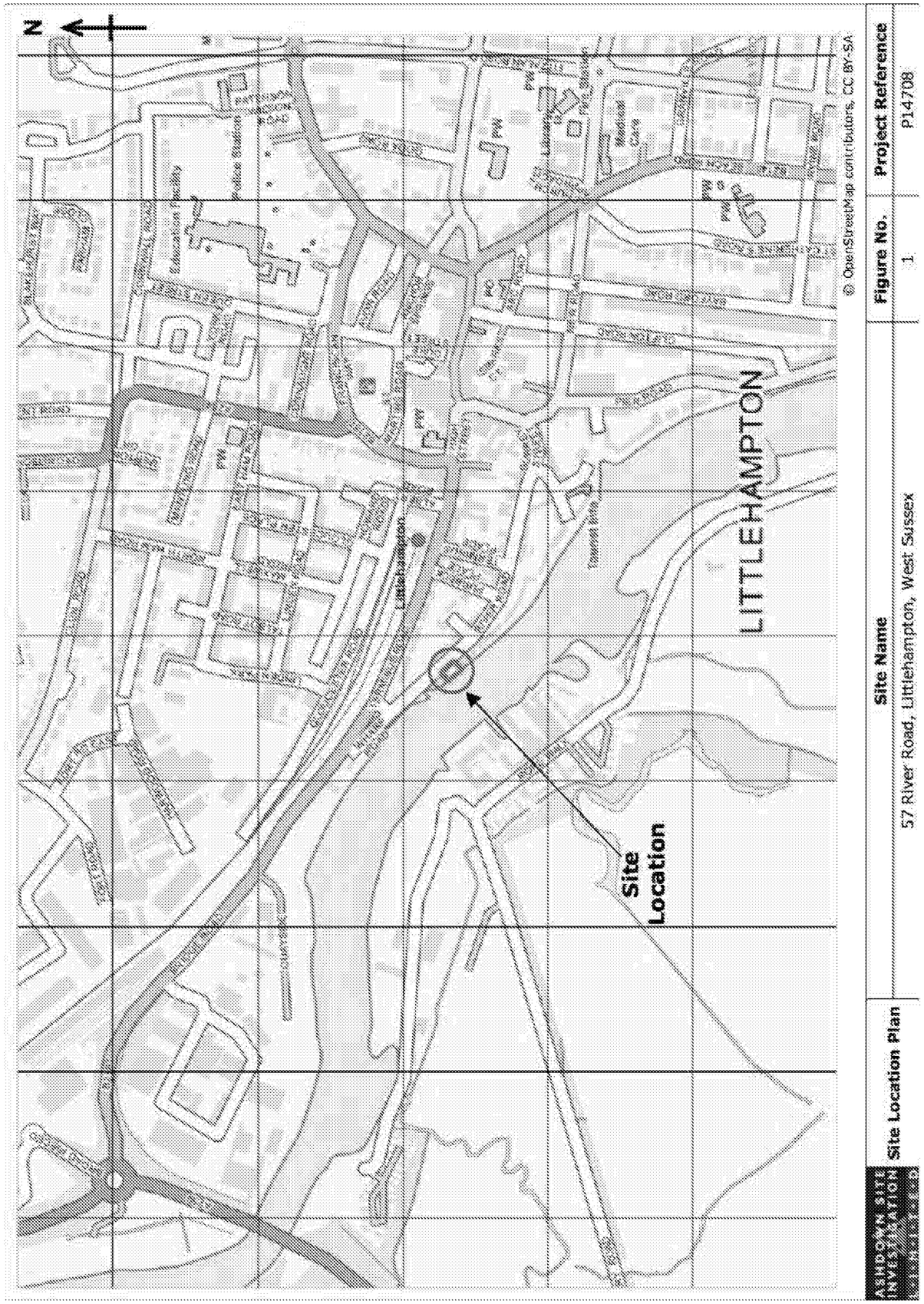
Ashdown Site Investigation Ltd.

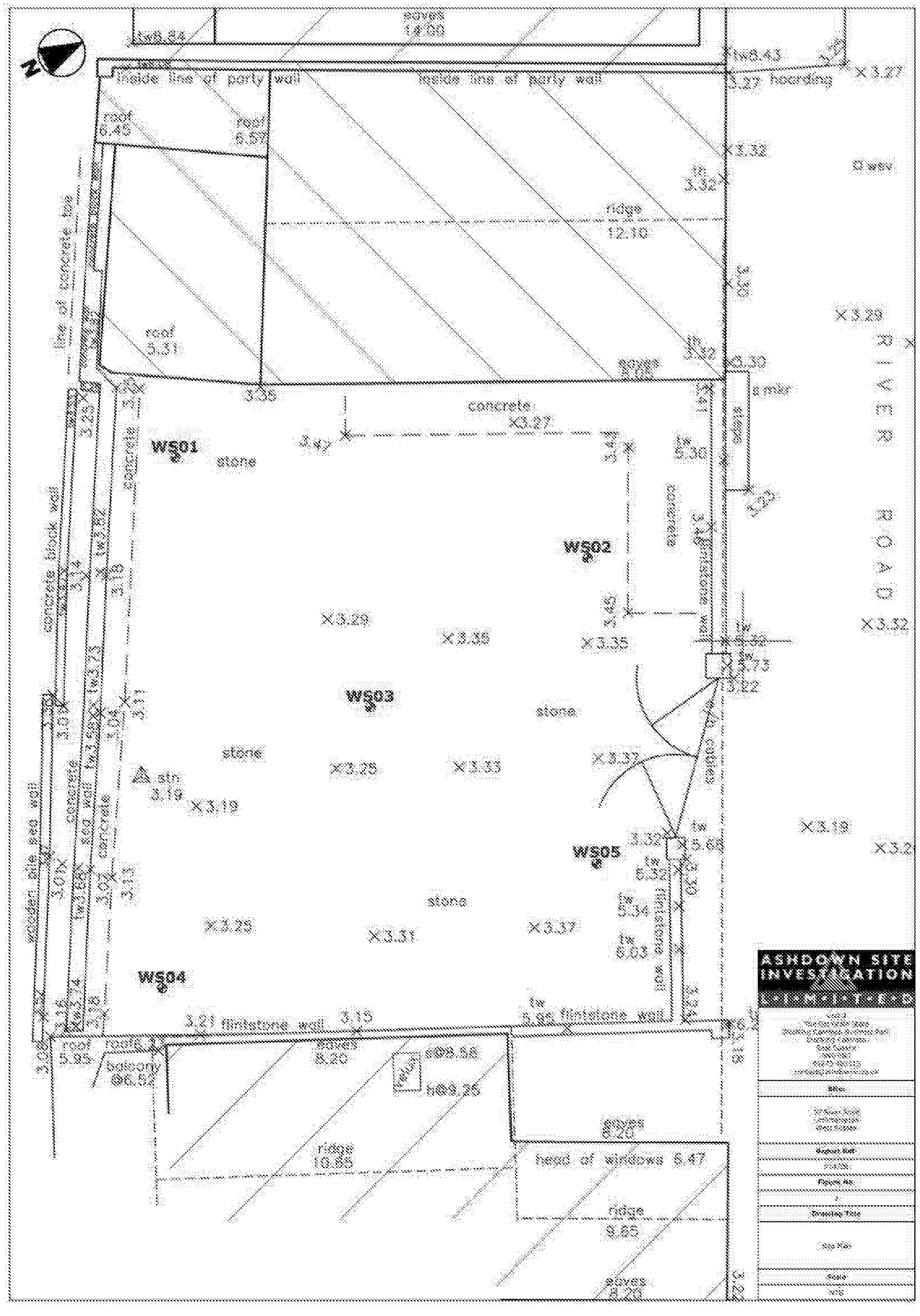
ARUN DISTRICT COUNCIL LU/247/20/PL

ASHDOWN SITE INVESTIGATION LIMITED

FIGURES

Figure 1 Site Location Plan
Figure 2 Site Plan

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tw8.84
tw8.43
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inside line of party wall
roof 6.45
roof 6.57
ridge 12.10
roof 5.31
ridge 9.72
3.35
concrete
WS01
stone
WS02
WS03
stone
stone
WS04
stone
WS05
3.21 flintstone wall
3.15
tw 8.96 flintstone wall
RIVER ROAD
concrete block wall
timber post and wire fence
concrete
timber post and wire fence
concrete
timber post and wire fence
concrete
golden pile and wall
roof 5.95
roof balcony @6.52
eaves 8.20
@8.58
b@9.25
eaves 8.20
ridge 10.85
head of windows 8.47
ridge 9.85
eaves 8.20
hoarding
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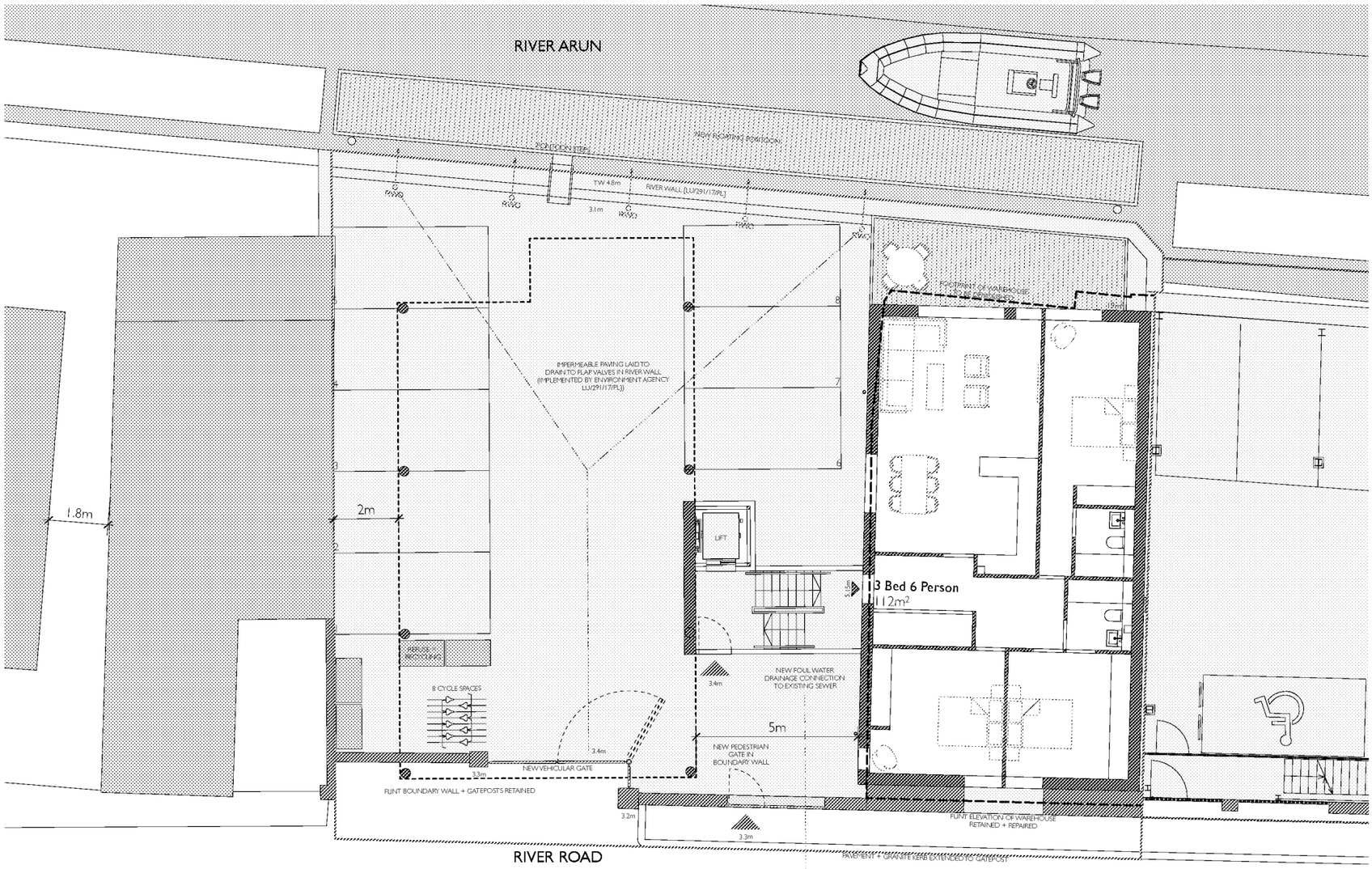

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0 5 10 M	DATE: SEPTEMBER 2020	PROJECT:	**57 RIVER ROAD, LITTLEHAMPTON**

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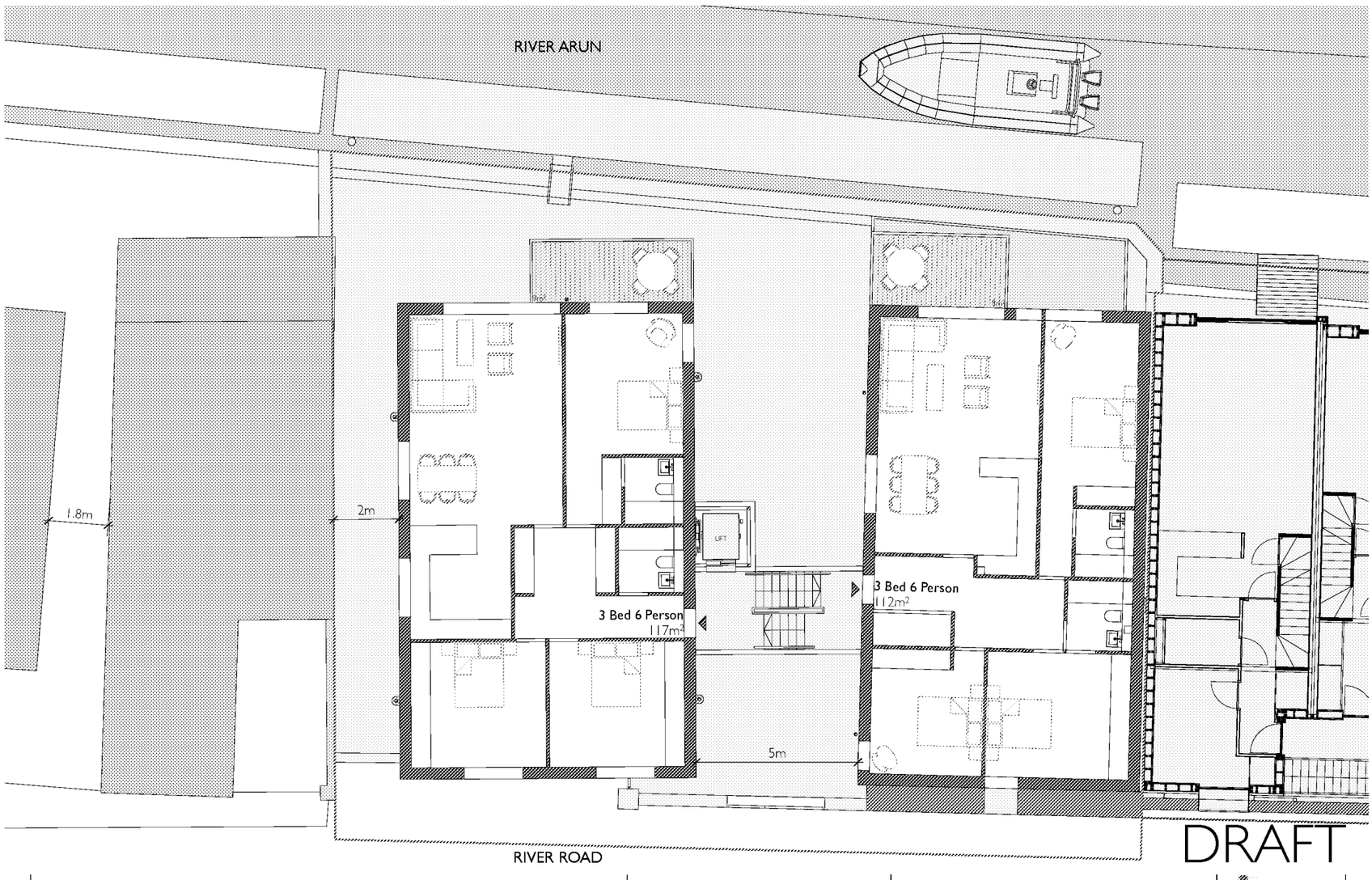

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0 5 10 M	DATE: SEPTEMBER 2020	PROJECT:	**57 RIVER ROAD, LITTLEHAMPTON**

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APPENDIX B

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 C

Preliminary Conceptual Model

ARUN DISTRICT COUNCIL LU/247/20/PL

57 River Road, Littlehampton, West Sussex				Preliminary Conceptual Model		P14708	
Potential Source	**Potential Receptor**	**Potential Contaminants**	**Potential Pathway**	**Complete Linkage Present?**	**Probability**	**Consequence**	**Risk**
• Significant depth of made ground beneath the site	End Users	Asbestos, Heavy Metals, Land Gases and PAH Compounds	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	No potential contaminants identified			N/A
			Inhalation of soil gases/ Risk of explosion	Yes	P1: Very Low	C3: Moderate	Low
	End Users (via Water Supply Pipework)		Contamination of incoming services	No potential contaminants identified			N/A
	Groundwater	Heavy Metals and PAH Compounds	Migration to groundwater	Yes	P1: Very Low	C2: Minor	Very Low
• Historical use of the site as a works and car repair garage	End Users	Petroleum Hydrocarbons and VOC Compounds	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	Yes	P2: Low	C3: Moderate	Low/Moderate
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons and VOC Compounds	Contamination of incoming services	Yes	P2: Low	C3: Moderate	Low/Moderate
	Groundwater	Petroleum Hydrocarbons and VOC Compounds	Migration to groundwater	Yes	P2: Low	C2: Minor	Low

57 River Road, Littlehampton, West Sussex				Preliminary Conceptual Model		P14708	
Potential Source	**Potential Receptor**	**Potential Contaminants**	**Potential Pathway**	**Complete Linkage Present?**	**Probability**	**Consequence**	**Risk**
• Historical use of the land to the south east of the site as a works	End Users	Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	Yes	P1: Very Low	C3: Moderate	Low
			Inhalation of soil gases/ Risk of explosion	No potential gas source identified			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons	Contamination of incoming services	Yes	P2: Low	C2: Minor	Low
	Groundwater	Petroleum Hydrocarbons	Migration to groundwater	Yes	P1: Very Low	C2: Minor	Very Low

ASHDOWN SITE INVESTIGATION LIMITED

APPENDIX D

Exploratory Hole Notes
Exploratory Hole Records
Gas Concentration and Groundwater Monitoring Results

NOTES FOR THE INTERPRETATION OF EXPLORATORY HOLE RECORDS

1 Symbols and abbreviations

Samples

U	'Undisturbed' Sample: - 100mm diameter by 450mm long. The number of blows to drive in the sampling tube is shown after the test index letter in the SPT column.
U_o	Sample not obtained
U*	Full penetration of sample not obtained
Pi	Piston Sample: 'Undisturbed' sample 100mm diameter by 600mm long.
D	Disturbed Sample
R	Root Sample
B	Bulk Disturbed Sample
W	Water Sample
J	Jar Sample (sample taken in amber glass jar fitted with gas tight lid)
T	Tub Sample
Vi	Vial Sample

In situ Testing

S Standard penetration test (SPT): Using the split spoon sampler.

C Standard Penetration Test (SPT): using a solid cone instead of the sampler - conducted usually in coarse grained soils or weak rocks.

V Shear Vane Test: Undrained shear strength (cohesion) (kN/m^2) shown within the Vane/Pen Test and N Value column.

H Hand penetrometer Test: Undrained shear strength (cohesion) (kN/m^2) shown within the Vane/Pen Test and N Value column.

P Perth Penetrometer Test: Number of blows for 300mm penetration shown under Vane/Pen Test and N Value column.

Excavation Method

CP	Cable Percussion Borehole
WLS	Dynamic Sampler Borehole using windowless sampler tubes
WS	Dynamic Sampler Borehole using window sampler tubes
TP	Trial Pit excavated using mechanic excavator
HDP	Trial Pit excavated using hand tools

2 Soil Description

Description and classification of soils has been carried out using as a general basis the British Standard Geotechnical investigation and testing – Identification and classification of soil, Part 1 Identification and description (BS EN ISO 14688-1) and Part 2 Principles of classification (BS EN 14688-2) as well as the BS5930 code of Practice for Ground Investigations.

3 Rock Description

Description and classification of rocks has been carried out using as a general basis the British Standard Geotechnical investigation and testing – Identification and classification of rock, Part 1 Identification and classification (BS EN ISO 14689-1) as well as the BS5930 code of Practice for Ground Investigations. TCR – Total Core Recovery, SCR – Solid Core Recovery, RQD – Rock Quality Designation, NI – Non Intact, If – indicative fracture spacing (min/ave/max), FI – Fracture Index.

4 Chalk Description

Chalk description is based on BS EN ISO 14688, BS EN ISO 14689 and BS5930. The classification of chalk generally follows the guidance offered by the Construction Industry Research and Information Association (CIRIA) C574, 'Engineering in Chalk'. This is based on assessment of chalk density, discontinuity and aperture spacing, and the proportion of intact chalk to silt of chalk.

ASHDOWN SITE INVESTIGATION LIMITED

Site Name: 57 River Road, Littlehampton, West Sussex

Job Number: P14708

Start Date: 17/07/2020
End Date: 17/07/2020

Borehole Number: **WS01**

Sheet 1 of 1

Standpipe	Sample/ Test Type	Depth From (m)	Depth To (m)	Test Result	Dynamic Probe 0 5 10 15 20 25 30	Legend	Depth	Stratum Description
	J T	0.20					0.00	MADE GROUND: Orange brown and brown gravelly clayey silty fine to coarse sand. Gravel is angular to subrounded flint and occasional crystalline rock.
	J T	0.60					0.50	MADE GROUND: Grey and brown gravelly sandy clay. Gravel is angular to subrounded fine to coarse flint, brick, clinker-like material and rare concrete.
	D	0.80						
	J T	1.20					1.00	MADE GROUND: Off white and grey silty clayey angular to subrounded fine to coarse gravel of chalk and occasional flint.
	D	1.50						
	J T	1.70						
	J T	2.20					2.00	MADE GROUND/ Reworked: Brown grey slightly gravelly sandy clay. Gravel is angular to subrounded fine to coarse flint with occasional chalk.
	D	2.50					2.50	Dark grey slightly gravelly very clayey fine to medium SAND/ very sandy CLAY. Gravel is subangular to subrounded fine to coarse flint. (Raised Beach Deposits)
	J T	2.80					3.00	End of borehole at 3.00m

Remarks

Groundwater: Borehole dry on completion.

Stability: Borehole cased to 2.00m depth.
Borehole stable on completion.

Notes: Standpipe installed to 3.00m depth; 3.00m to 1.00m slotted pipe with gravel surround; 1.00m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted flush with ground surface.

Excavation Method: WLS

Borehole Diameter: Various

Made By: RJ

ASHDOWN SITE INVESTIGATION LIMITED

Site Name: 57 River Road, Littlehampton, West Sussex

Job Number: P14708

Start Date: 17/07/2020
End Date: 17/07/2020

Borehole Number: **WS02**

Sheet 1 of 1

Standpipe	Sample/ Test Type	Depth From (m)	Depth To (m)	Test Result	Dynamic Probe 0 5 10 15 20 25 30	Legend	Depth	Stratum Description
	J T	0.05					0.00	MADE GROUND: Pink and grey angular to subangular fine to coarse gravel of flint and crystalline rock.
	D	0.20					0.10	MADE GROUND: Brown and dark brown gravelly very clayey sand. Gravel is angular to subrounded fine to coarse flint, brick and clinker-like material.
	J T	0.20					0.40	MADE GROUND: Off white silty angular to subrounded fine to coarse gravel of chalk.
	D	0.70						
	J T	0.80					1.00	MADE GROUND: Brown and grey brown gravelly sandy clay. Gravel is subangular to subrounded fine to coarse chalk with occasional flint and rare brick.
	J T	1.30						
	D	1.40					1.60	Orange brown very sandy very clayey angular to subrounded fine to coarse GRAVEL of flint with pockets of gravelly clay. (Raised Beach Deposits)
	D	1.80						
	J T	1.90					2.00	Light orange brown and cream very silty angular to subrounded fine to coarse GRAVEL of chalk with occasional flint. (Raised Beach Deposits)
	J T	2.60						
	D	2.70					3.00	End of borehole at 3.00m

Remarks

Groundwater: Borehole dry on completion.

Stability: Borehole collapsing to 1.00m depth on completion.

Notes: n/a

Excavation Method: WLS

Borehole Diameter: Various

Made By: RJ

ASHDOWN SITE INVESTIGATION L·I·M·I·T·E·D

Site Name: 57 River Road, Littlehampton, West Sussex

Job Number: P14708

Start Date: 17/07/2020
End Date: 17/07/2020

Borehole Number: **WS03**

Sheet 1 of 1

Standpipe	Sample/ Test Type	Depth From (m)	Depth To (m)	Test Result	Dynamic Probe 0 5 10 15 20 25 30	Legend	Depth	Stratum Description
	J T	0.05					0.00	MADE GROUND: Pink grey angular to subangular fine to coarse gravel of crystalline rock.
	D	0.20					0.10	MADE GROUND: Black gravelly sandy clay. Gravel is angular to subrounded fine to coarse brick, clinker-like material, flint and crystalline rock.
	J T	0.25					0.40	MADE GROUND: Brown and orange brown gravelly sandy clay. Gravel is angular to subrounded fine to coarse flint with occasional chalk and brick.
	D	0.70						
	J T	0.80					0.90	MADE GROUND: Off white, grey and cream mottled silty clayey subangular to subrounded fine to coarse gravel of chalk.
	J T	1.30						
	D	1.50					1.50	Grey slightly gravelly sandy CLAY. Gravel is angular to subrounded fine to coarse flint and chalk. (Possible Reworked/ Raised Beach Deposits)
	J T	1.80						very poor recovery of samples below 2.00m depth.
	D	2.50						
	J T	2.60					3.00	End of borehole at 3.00m

Remarks

Groundwater: Borehole dry on completion.

Stability: Borehole collapsing to 1.50m depth on completion.

Notes: n/a

Excavation Method: WLS

Borehole Diameter: Various

Made By: RJ

ASHDOWN SITE INVESTIGATION L·I·M·I·T·E·D

Site Name: 57 River Road, Littlehampton, West Sussex

Job Number: P14708

Start Date: 17/07/2020
End Date: 17/07/2020

Borehole Number: **WS04**

Sheet 1 of 1

Standpipe	Sample/ Test Type	Depth From (m)	Depth To (m)	Test Result	Dynamic Probe 0 5 10 15 20 25 30	Legend	Depth	Stratum Description
	J T	0.10					0.00	MADE GROUND: Brown, orange and red sandy angular to subrounded fine to coarse gravel of flint, brick and occasional concrete. Sand is fine to coarse.
	D	0.50						
	J T	0.70						with cobbles of brick at 1.00m depth.
								base of stratum assumed due to very poor recovery of sample between 1.00m and 2.00m depth. Poor recovery likely due to presence of brick cobbles.
	D	1.50					1.45	MADE GROUND: Off white, grey and light brown very silty very clayey angular to subrounded fine to coarse gravel of chalk with occasional flint and rare brick and concrete.
	J T	1.50						base of made ground assumed at 2.00m but may be shallow due to poor recovery.
	J T	2.30					2.00	Light brown and cream very silty clayey subangular to subrounded fine to coarse GRAVEL of chalk and occasional flint. (Raised Beach Deposits)
	D	2.40						
	J T	2.80					3.00	End of borehole at 3.00m

Remarks

Groundwater: Borehole dry on completion.

Stability: Borehole cased to 2.00m depth.
Borehole collapsing to 0.80m depth on completion once casing removed.

Notes: n/a

Excavation Method: WLS

Borehole Diameter: Various

Made By: RJ

Site Name: 57 River Road, Littlehampton, West Sussex

Job Number: P14708

Start Date: 17/07/2020

End Date: 17/07/2020

Borehole Number: **WS05** Sheet 1 of 1

Standpipe	Sample/ Test Type	Depth From (m)	Depth To (m)	Test Result	Dynamic Probe 0 5 10 15 20 25 30	Legend	Depth	Stratum Description
	J T	0.10					0.00	MADE GROUND: Brown and dark brown very sandy very clayey angular to subrounded fine to coarse gravel of slate, brick, clinker-like material and flint. Sand is fine to coarse.
	D	0.20					0.30	MADE GROUND: Off white silty angular to subrounded fine to coarse gravel of chalk.
	J T	0.50						
	D	0.80						
	J T	1.20					1.40	Orange brown very gravelly CLAY. Gravel is angular to subrounded fine to coarse flint with occasional chalk. (Raised Beach Deposits)
	D	1.50						
	J T	1.60					2.00	Cream and light orange brown very silty subangular to subrounded fine to coarse GRAVEL of chalk with occasional flint. (Raised Beach Deposits)
	J T	2.40						
	D	2.50					3.00	End of borehole at 3.00m

Remarks

Groundwater: Borehole dry on completion.

Stability: Borehole unstable during drilling.

Notes: Standpipe installed to 3.00m depth; 3.00m to 1.00m slotted pipe with gravel surround; 1.00m to ground level plain pipe with bentonite seal; completed with gas tap and security cover concreted flush with ground surface.

Excavation Method: WLS

Borehole Diameter: Various

Made By: RJ

Gas Concentrations and Groundwater Monitoring Results

Site Name: 57 River Road, Littlehampton, West Sussex

Project Ref: P14708

Position	Date	Time	Dynamic Pressure (pa)	Atmospheric Pressure (mbar)	Atmospheric Trend	Standing Water Depth (m bgl)	Flow Rate (l/hr) Seconds 15	30	45	60	PID (ppm) Seconds 15	30	45	60	H2S (ppm)	CO (ppm)	Oxygen (%) Seconds 15	30	45	60	Carbon Dioxide (%) Seconds 15	30	45	60	Methane (%) Seconds 15	30	45	60
WS01	21/07/2020	14:00	0	1025	Falling	1.05	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	20.8	20.8	20.7	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WS05	21/07/2020	14:10	0	1024	Falling	Dry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	21.1	20.7	20.7	20.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WS01	31/07/2020	12:46	0	1010	Rising	2.10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	21.2	21.1	21.1	21.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WS05	31/07/2020	12:41	0	1009	Rising	Dry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	21.1	20.9	20.9	20.8	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
WS01	03/08/2020	11:07	0	1015	Rising	2.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	21.2	20.9	20.8	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WS05	03/08/2020	11:00	0	1014	Rising	Dry	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	20.7	20.7	20.7	20.6	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0

APPENDIX E

Contamination Test Results

Alex Bewick
Ashdown Site Investigations Ltd
Unit 3 The Grain Store
Ditchling Common Business Park
Ditchling Common
West Sussex
BN6 8SG

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Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
[redacted]

4480

DETS Report No: 20-08044

Site Reference: 57 River Road, Littlehampton, West Sussex

Project / Job Ref: P14708

Order No: 8734

Sample Receipt Date: 21/07/2020

Sample Scheduled Date: 21/07/2020

Report Issue Number: 1

Reporting Date: 28/07/2020

Authorised by:

[redacted]

Dave Ashworth
Technical Manager

Dates of laboratory activities for each tested analyte are available upon request.

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

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Soil Analysis Certificate							
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20	17/07/20	17/07/20	17/07/20	
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS01	WS02	WS03	WS04	WS05	
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Order No: 8734	**Depth (m)**	0.60	0.20	0.25	0.10	0.10	
Reporting Date: 28/07/2020	**DETS Sample No**	488113	488116	488119	488123	488125	
Determinand	**Unit**	**RL**	**Accreditation**				
Asbestos Screen [S]	N/a	N/a	ISO17025	Detected	Not Detected	Not Detected	Not Detected	Not Detected
Sample Matrix [S]	Material Type	N/a	NONE	Bundle of Amosite				
Asbestos Type [S]	PLM Result	N/a	ISO17025	Amosite				
pH	pH Units	N/a	MCERTS	8.6	8.1	8.3		8.5
Organic Matter	%	< 0.1	MCERTS	3.1	3.3	2.7		3.9
Arsenic (As)	mg/kg	< 2	MCERTS	13	20	27		88
W/S Boron	mg/kg	< 1	NONE	1.7	1	3.7		< 1
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.8	0.3	< 0.2		0.7
Chromium (Cr)	mg/kg	< 2	MCERTS	25	13	13		36
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2		< 2
Copper (Cu)	mg/kg	< 4	MCERTS	334	33	77		592
Lead (Pb)	mg/kg	< 3	MCERTS	946	344	132		1510
Mercury (Hg)	mg/kg	< 1	MCERTS	< 1	< 1	< 1		< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	13	11	35		59
Selenium (Se)	mg/kg	< 2	MCERTS	< 3	< 3	< 3		< 3
Zinc (Zn)	mg/kg	< 3	MCERTS	811	158	81		748

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C. The Samples Descriptions page describes if the test is performed on the dried or as-received portion
Subcontracted analysis (S)

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Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20	17/07/20	17/07/20	
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS01	WS02	WS03	WS05	
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
Order No: 8734	**Depth (m)**	0.60	0.20	0.25	0.10	
Reporting Date: 28/07/2020	**DETS Sample No**	488113	488116	488119	488125	
Determinand	**Unit**	**RL**	**Accreditation**			
Naphthalene	mg/kg	< 0.1	MCERTS	0.56	13.30	24	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	0.92	11.10	1.89	0.14
Acenaphthene	mg/kg	< 0.1	MCERTS	0.29	14.20	5.19	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	1.03	33.90	7.91	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	16.70	388	43	0.22
Anthracene	mg/kg	< 0.1	MCERTS	1.80	52.10	11.30	0.13
Fluoranthene	mg/kg	< 0.1	MCERTS	36.50	515	61.50	0.59
Pyrene	mg/kg	< 0.1	MCERTS	33.70	427	48.30	0.59
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	17.70	201	26.30	0.43
Chrysene	mg/kg	< 0.1	MCERTS	20.30	86.50	25.10	0.47
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	24.30	209	26.40	0.84
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	7.98	30.10	9.99	0.30
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	20.50	97.50	21.60	0.70
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	8.46	60.80	9.40	0.61
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	1.78	8.22	2.33	0.12
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	7.66	52.90	7.30	0.81
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	200	2200	332	6

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Soil Analysis Certificate - EPH Banded (Type F)						
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20	17/07/20	17/07/20	17/07/20
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS01	WS01	WS01	WS02	WS02
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: 8734	**Depth (m)**	0.60	1.70	2.80	0.20	0.80
Reporting Date: 28/07/2020	**DETS Sample No**	488113	488114	488115	488116	488117

Determinand	Unit	RL	Accreditation					(n)
EPH (>C8 - C10)	mg/kg	< 1	MCERTS	2	< 1	< 1	2	< 1
EPH (>C10 - C12)	mg/kg	< 1	MCERTS	6	< 1	< 1	25	< 1
EPH (>C12 - C16)	mg/kg	< 1	MCERTS	21	< 1	< 1	244	< 1
EPH (>C16 - C21)	mg/kg	< 1	MCERTS	147	< 1	< 1	1061	8
EPH (>C21 - C40)	mg/kg	< 6	MCERTS	534	< 6	< 6	2495	27
EPH (C8 - C40)	mg/kg	< 6	MCERTS	709	< 6	< 6	3827	35

(n) Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation

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Maidstone
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Soil Analysis Certificate - EPH Banded (Type F)						
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20	17/07/20	17/07/20	17/07/20
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS02	WS03	WS03	WS03	WS03
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: 8734	**Depth (m)**	1.30	0.25	0.80	1.80	2.60
Reporting Date: 28/07/2020	**DETS Sample No**	488118	488119	488120	488121	488122

Determinand	Unit	RL	Accreditation					
EPH (>C8 - C10)	mg/kg	< 1	MCERTS	< 1	3	< 1	< 1	< 1
EPH (>C10 - C12)	mg/kg	< 1	MCERTS	< 1	36	< 1	< 1	< 1
EPH (>C12 - C16)	mg/kg	< 1	MCERTS	< 1	76	< 1	< 1	2
EPH (>C16 - C21)	mg/kg	< 1	MCERTS	14	334	< 1	2	6
EPH (>C21 - C40)	mg/kg	< 6	MCERTS	59	667	< 6	13	13
EPH (C8 - C40)	mg/kg	< 6	MCERTS	73	1115	< 6	15	21

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Soil Analysis Certificate - EPH Banded (Type F)						
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20	17/07/20	17/07/20	
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied	None Supplied	None Supplied	
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS04	WS04	WS05	WS05	
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied	None Supplied	None Supplied	
Order No: 8734	**Depth (m)**	0.10	1.50	0.10	1.20	
Reporting Date: 28/07/2020	**DETS Sample No**	488123	488124	488125	488126	

Determinand	Unit	RL	Accreditation				(n)	
EPH (>C8 - C10)	mg/kg	< 1	MCERTS	< 1	< 1	< 1	< 1	
EPH (>C10 - C12)	mg/kg	< 1	MCERTS	< 1	< 1	5	< 1	
EPH (>C12 - C16)	mg/kg	< 1	MCERTS	< 1	< 1	80	< 1	
EPH (>C16 - C21)	mg/kg	< 1	MCERTS	1	< 1	166	< 1	
EPH (>C21 - C40)	mg/kg	< 6	MCERTS	29	< 6	187	< 6	
EPH (C8 - C40)	mg/kg	< 6	MCERTS	31	< 6	437	< 6	

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Soil Analysis Certificate - Volatile Organic Compounds (VOC)						
DETS Report No: 20-08044	**Date Sampled**	17/07/20	17/07/20			
Ashdown Site Investigations Ltd	**Time Sampled**	None Supplied	None Supplied			
Site Reference: 57 River Road, Littlehampton, West Sussex	**TP / BH No**	WS01	WS02			
Project / Job Ref: P14708	**Additional Refs**	None Supplied	None Supplied			
Order No: 8734	**Depth (m)**	1.70	1.30			
Reporting Date: 28/07/2020	**DETS Sample No**	488114	488118			

Determinand	Unit	RL	Accreditation					
Dichlorodifluoromethane	ug/kg	< 5	MCERTS	< 5	< 5			
Vinyl Chloride	ug/kg	< 5	MCERTS	< 5	< 5			
Chloromethane	ug/kg	< 10	MCERTS	< 10	< 10			
Chloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
Bromomethane	ug/kg	< 10	MCERTS	< 10	< 10			
Trichlorofluoromethane	ug/kg	< 5	MCERTS	< 5	< 5			
1,1-Dichloroethene	ug/kg	< 5	MCERTS	< 5	< 5			
MTBE	ug/kg	< 5	MCERTS	< 5	< 5			
trans-1,2-Dichloroethene	ug/kg	< 5	MCERTS	< 5	< 5			
1,1-Dichloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
cis-1,2-Dichloroethene	ug/kg	< 5	MCERTS	< 5	< 5			
2,2-Dichloropropane	ug/kg	< 5	MCERTS	< 5	< 5			
Chloroform	ug/kg	< 5	MCERTS	< 5	< 5			
Bromochloromethane	ug/kg	< 5	MCERTS	< 5	< 5			
1,1,1-Trichloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
1,1-Dichloropropene	ug/kg	< 10	MCERTS	< 10	< 10			
Carbon Tetrachloride	ug/kg	< 5	MCERTS	< 5	< 5			
1,2-Dichloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
Benzene	ug/kg	< 2	MCERTS	< 2	< 2			
1,2-Dichloropropane	ug/kg	< 5	MCERTS	< 5	< 5			
Trichloroethene	ug/kg	< 5	MCERTS	< 5	< 5			
Bromodichloromethane	ug/kg	< 5	MCERTS	< 5	< 5			
Dibromomethane	ug/kg	< 5	MCERTS	< 5	< 5			
TAME	ug/kg	< 5	MCERTS	< 5	< 5			
cis-1,3-Dichloropropene	ug/kg	< 5	MCERTS	< 5	< 5			
Toluene	ug/kg	< 5	MCERTS	< 5	< 5			
trans-1,3-Dichloropropene	ug/kg	< 5	MCERTS	< 5	< 5			
1,1,2-Trichloroethane	ug/kg	< 10	MCERTS	< 10	< 10			
1,3-Dichloropropane	ug/kg	< 5	MCERTS	< 5	< 5			
Tetrachloroethene	ug/kg	< 5	MCERTS	< 5	< 5			
Dibromochloromethane	ug/kg	< 5	MCERTS	< 5	< 5			
1,2-Dibromoethane	ug/kg	< 5	MCERTS	< 5	< 5			
Chlorobenzene	ug/kg	< 5	MCERTS	< 5	< 5			
1,1,1,2-Tetrachloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
Ethyl Benzene	ug/kg	< 2	MCERTS	< 2	< 2			
m,p-Xylene	ug/kg	< 2	MCERTS	< 2	< 2			
o-Xylene	ug/kg	< 2	MCERTS	< 2	< 2			
Styrene	ug/kg	< 5	MCERTS	< 5	< 5			
Bromoform	ug/kg	< 10	MCERTS	< 10	< 10			
Isopropylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
1,1,2,2-Tetrachloroethane	ug/kg	< 5	MCERTS	< 5	< 5			
1,2,3-Trichloropropane	ug/kg	< 5	MCERTS	< 5	< 5			
n-Propylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
Bromobenzene	ug/kg	< 5	MCERTS	< 5	< 5			
2-Chlorotoluene	ug/kg	< 5	MCERTS	< 5	< 5			
1,3,5-Trimethylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
4-Chlorotoluene	ug/kg	< 5	MCERTS	< 5	< 5			
tert-Butylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
1,2,4-Trimethylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
sec-Butylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
p-Isopropyltoluene	ug/kg	< 5	MCERTS	< 5	< 5			
1,3-Dichlorobenzene	ug/kg	< 5	MCERTS	< 5	< 5			
1,4-Dichlorobenzene	ug/kg	< 5	MCERTS	< 5	< 5			
n-Butylbenzene	ug/kg	< 5	MCERTS	< 5	< 5			
1,2-Dichlorobenzene	ug/kg	< 5	MCERTS	< 5	< 5			
,2-Dibromo-3-chloropropane	ug/kg	< 10	MCERTS	< 10	< 10			
Hexachlorobutadiene	ug/kg	< 5	MCERTS	< 5	< 5			

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Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 20-08044	
Ashdown Site Investigations Ltd	
Site Reference: 57 River Road, Littlehampton, West Sussex	
Project / Job Ref: P14708	
Order No: 8734	
Reporting Date: 28/07/2020	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
488113	WS01	None Supplied	0.60	11	Brown loamy sand with chalk
488114	WS01	None Supplied	1.70	16.1	Light grey sandy clay with chalk
488115	WS01	None Supplied	2.80	9.1	Blue sandy clay with stones
488116	WS02	None Supplied	0.20	6.7	Black loamy sand with stones
488117	WS02	None Supplied	0.80	12.4	White chalk with stones
488118	WS02	None Supplied	1.30	17.3	Brown loamy sand with chalk
488119	WS03	None Supplied	0.25	8	Black loamy sand with stones and chalk
488120	WS03	None Supplied	0.80	8.3	Brown sandy clay with stones
488121	WS03	None Supplied	1.80	22.4	Light grey sandy clay
488122	WS03	None Supplied	2.60	8.6	Brown sandy clay with stones
488123	WS04	None Supplied	0.10	0.9	Brown sandy gravel with stones
488124	WS04	None Supplied	1.50	1.7	Brown sandy gravel with brick and concrete
488125	WS05	None Supplied	0.10	9.8	Black loamy sand with stones and concrete
488126	WS05	None Supplied	1.20	15.5	White chalk

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample I/S

Unsuitable Sample U/S

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Soil Analysis Certificate - Methodology & Miscellaneous Information
DETS Report No: 20-08044
Ashdown Site Investigations Ltd
Site Reference: 57 River Road, Littlehampton, West Sussex
Project / Job Ref: P14708
Order No: 8734
Reporting Date: 28/07/2020

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

ASHDOWN SITE INVESTIGATION

APPENDIX F

Quantitative Conceptual Model

57 River Road, Littlehampton, West Sussex				Quantitative Conceptual Model		P14708	
Source	**Receptor**	**Contaminants**	**Pathway**	**Complete Linkage Present?**	**Probability**	**Consequence**	**Risk**
• Made ground soils across the site.	End Users	Asbestos, Heavy Metals, PAH Compounds and Petroleum Hydrocarbons	Dermal contact with soil and dust (indoor & outdoor)	Pathway severed by hard surfacing			N/A
			Ingestion of soil and indoor dust	Pathway severed by hard surfacing			N/A
			Consumption of home-grown produce and attached soil	No private gardens proposed			N/A
			Inhalation of soil dust (indoor and outdoor)	Pathway severed by hard surfacing			N/A
			Inhalation of soil vapours	Petreolum hydrocarbons only present above SSV in non volatile fractions			N/A
			Inhalation of soil gases/ Risk of explosion	No gases present above GSVs			N/A
	End Users (via Water Supply Pipework)	Petroleum Hydrocarbons	Contamination of incoming services	Yes	P2: Low	C3: Moderate	Low/Moderate
	Groundwater		Migration to groundwater	No contaminants present at concentrations posing risk to groundwater			N/A

ASHDOWN SITE INVESTIGATION LIMITED

APPENDIX G

Envirocheck Report
Groundwater Flood Risk Map
Site Context Maps
Geology Data Maps
Site Sensitivity Maps
Historical Maps

GeoSmart

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
247085998_1_1

Customer Reference:
66163.526

National Grid Reference:
502350, 102130

Slice:
A

Site Area (Ha):
0.05

Search Buffer (m):
1000

Site Details:

57 River Road
Littlehampton
BN17 5BF

Client Details:

Ms J Bayliff
Geo Smart Information Limited
Suite 9-11, 1st Floor
Old Bank Buildings
Bellstone
Shrewsbury
Shropshire
SY1 1HU

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	34
Hazardous Substances	37
Geological	38
Industrial Land Use	40
Sensitive Land Use	65
Data Currency	66
Data Suppliers	70
Useful Contacts	71

Introduction

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

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Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1		8	6	14
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control	pg 8				13
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 12			3	3
Local Authority Pollution Prevention and Control Enforcements	pg 13			1	1
Nearest Surface Water Feature	pg 13	Yes			
Pollution Incidents to Controlled Waters	pg 13		3	2	15
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 17		1		
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 17			1	2 (*16)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 21	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 21	1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Superficial Aquifer Designations	pg 21	Yes	n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences	pg 22	Yes	Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 22	Yes		n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences	pg 22	Yes	Yes	n/a	n/a
OS Water Network Lines	pg 23		20	8	67

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Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 34		1		2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 34				2
Local Authority Landfill Coverage	pg 35	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 35				1
Registered Landfill Sites					
Registered Waste Transfer Sites	pg 35			1	
Registered Waste Treatment or Disposal Sites	pg 36				1
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)	pg 37			1	
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)	pg 37			1	
Planning Hazardous Substance Consents	pg 37			2	
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 38	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 38			3	1
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 38		Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 38	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 38		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 39	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 39	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 39		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 39	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Industrial Land Use					
Contemporary Trade Directory Entries	pg 40		37	81	151
Fuel Station Entries	pg 64				1
Gas Pipelines					
Underground Electrical Cables					
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 65				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest	pg 65				1
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Order Number: 247085998_1_1 Date: 07-Jul-2020 rpr_ec_datasheet v53.0 A Landmark Information Group Service

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (NE)	0	1	502353 102133
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	3	1	502353 102150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	180	1	502500 102250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	189	1	502150 102133
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	224	1	502550 102000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SW (N)	415	1	502250 102550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	488	1	501900 102350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	490	1	502850 102050
1	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Talbot Road Littlehampton Cso, Talbot Road, Littlehampton, West Sussex, Bn17 7bp Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01261 Permit Version: 1 Effective Date: 7th February 2008 Issued Date: 7th February 2008 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: River Arun (Tidal) **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	87	2	502280 102200
1	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Maxwell Rd/East Ham Rd, Littlehampton, Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00864 Permit Version: 1 Effective Date: 13th July 2001 Issued Date: 13th July 2001 Revocation Date: 31st March 2018 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Surrendered under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	94	2	502280 102210
1	**Discharge Consents** Operator: The Occupier Property Type: FOOD+BEVERAGE SERVICES/CAFE/RESTAURANT/PUB Location: The Arun View Inn, Wharf Road, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01458 Permit Version: 1 Effective Date: 12th April 1966 Issued Date: 12th April 1966 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Controlled Sea Receiving Water: Controlled Sea **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	108	2	502260 102210

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: K I Thorowgood Esq Property Type: Undefined Or Other Location: Old Customs House Wharf Road, LITTLEHAMPTON Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02568 Permit Version: 1 Effective Date: 9th May 1967 Issued Date: 9th May 1967 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	193	2	502200 102270
3	**Discharge Consents** Operator: R.T. Boddington Esq. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Housing Development, Tudor Cottage, Rope Walk, Littlehampton, West Sussex, Bn17 5de Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02209 Permit Version: 1 Effective Date: 21st August 1973 Issued Date: 21st August 1973 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	210	2	502180 102000
3	**Discharge Consents** Operator: R.T. Boddington Esq. Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Housing Development, Tudor Cottage, Rope Walk, Littlehampton, West Sussex, Bn17 5de Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02209 Permit Version: 1 Effective Date: 21st August 1973 Issued Date: 21st August 1973 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	215	2	502190 101980
3	**Discharge Consents** Operator: D Sleat Property Type: Undefined Or Other Location: Bungalow At 12 Rope Walk, Littlehampton Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02828 Permit Version: 1 Effective Date: 24th October 1960 Issued Date: 24th October 1960 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	221	2	502200 101960

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	**Discharge Consents** Operator: Southern Water Services Ltd (S) Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Littlehampton S.T.W., Ferry Road, Littlehampton West Sussex Authority: Environment Agency, Southern Region Catchment Area: Old-Stream 80 Reference: W00018 Permit Version: 1 Effective Date: 12th July 1985 Issued Date: 12th July 1985 Revocation Date: 26th November 2001 Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater Stream Or River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A13NW (W)	240	2	502100 102150
5	**Discharge Consents** Operator: N.A.P. Rannard Esq. Property Type: Undefined Or Other Location: Marina Off Ferry Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02071 Permit Version: 1 Effective Date: 7th February 1972 Issued Date: 7th February 1972 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A12SE (W)	340	2	502000 102120
6	**Discharge Consents** Operator: Arc Southern (P04770) Property Type: Undefined Or Other Location: Arc Premix Littlehampton Plant, Quayside, LITTLEHAMPTON, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: P04770 Permit Version: 1 Effective Date: 31st March 1993 Issued Date: 31st March 1993 Revocation Date: 30th December 2008 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	348	2	502050 102330
6	**Discharge Consents** Operator: Hanson Aggregates U.K. Property Type: Undefined Or Other Location: Arc Premix, Littlehampton Plant, Quayside, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: P04770 Permit Version: 1 Effective Date: 31st March 1993 Issued Date: 31st March 1993 Revocation Date: 30th December 2008 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	348	2	502050 102330

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**Discharge Consents** Operator: The Quayside Property Type: Undefined Or Other Location: The Quayside, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: N02812 Permit Version: 1 Effective Date: 26th June 1975 Issued Date: 26th June 1975 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	430	2	501950 102320
8	**Discharge Consents** Operator: N.A.P. Rannard Esq. Property Type: Undefined Or Other Location: Marina Off Ferry Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02071 Permit Version: 1 Effective Date: 7th February 1972 Issued Date: 7th February 1972 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	449	2	501890 102140
9	**Discharge Consents** Operator: Solent Aggrgates Property Type: WATER TRANSPORT/SEA + INLAND Location: Littlehampton Wharf, River Arun, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: N01436 Permit Version: 1 Effective Date: 5th March 1984 Issued Date: 5th March 1984 Revocation Date: 15th May 2006 Discharge Type: Trade Discharge - Process Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status:** **Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	459	2	501950 102380
10	**Discharge Consents** Operator: Ms S Jenkins, Hon. Secretary Property Type: SPORT, AMUSEMENT+RECREATION/GOLF CLUB/GYM/THEME PK/SPA Location: Arun Yacht Club, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01173 Permit Version: 1 Effective Date: 1st June 1961 Issued Date: 1st June 1961 Revocation Date: 11th May 1995 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Controlled Sea Receiving Water: Controlled Sea **Status:** **Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	507	2	502670 101720

ARUN DISTRICT COUNCIL LU/247/20/PL

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Discharge Consents** Operator: N.A.P. Rannard Esq. Property Type: Undefined Or Other Location: Marina Off Ferry Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02071 Permit Version: 1 Effective Date: 7th February 1972 Issued Date: 7th February 1972 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Saline Estuary Receiving Water: Saline Estuary **Status: Lapsed (under Environment Act 1995, Schedule 23)** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	510	2	501830 102160
12	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Water Lane/Arundel Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00862 Permit Version: 2 Effective Date: 20th August 2001 Issued Date: 20th August 2001 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	519	2	502000 102530
12	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: WWTW/SEWAGE TREATMENT WORKS (WATER COMPANY) Location: Water Lane/Arundel Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: A00862 Permit Version: 1 Effective Date: 23rd July 2001 Issued Date: 23rd July 2001 Revocation Date: 20th August 2001 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	519	2	502000 102530
12	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Water Lane Littlehampton Wps Water Lane Wps, Water Lane, Littlehampton, West Sussex, Bn17 7dh Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01262 Permit Version: 1 Effective Date: 21st September 2007 Issued Date: 21st September 2007 Revocation Date: 31st March 2009 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Ditch To River Arun **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	526	2	502000 102540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Discharge Consents** Operator: Southern Water Services Limited. + Property Type: PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Location: Water Lane Littlehampton Wps Water Lane Wps, Water Lane, Littlehampton, West Sussex, Bn17 7dh Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A01262 Permit Version: 2 Effective Date: 1st April 2009 Issued Date: 21st September 2007 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Saline Estuary Receiving Water: Ditch To River Arun **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	526	2	502000 102540
12	**Discharge Consents** Operator: Southern Water Services Ltd (S) Property Type: LAND TRANSPORT + VIA PIPELINES/FREIGHT Location: Ditch West Boundary At Railway Ditch West Boundary @ Railway, Harwood Industrial Est, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01430 Permit Version: 1 Effective Date: 22nd October 1965 Issued Date: 22nd October 1965 Revocation Date: 30th May 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Controlled Sea Receiving Water: Controlled Sea **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	540	2	501980 102540
13	**Discharge Consents** Operator: Mr Rupert Cleaver Property Type: DOMESTIC PROPERTY (SINGLE) (INCL FARM HOUSE) Location: Penn House Old London Road, Coldwaltham, Pulborough, West Sussex, Rh20 1lf Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: Eprfb3994ey Permit Version: 1 Effective Date: 3rd April 2017 Issued Date: 3rd April 2017 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Unnamed Trib Of Rover Rother **Status: New issued under EPR 2010** Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	534	2	502725 101733
14	**Discharge Consents** Operator: Tarmac Concrete Ltd Property Type: MAKING OF GLASS/CERAMICS/CEMENT/CUTTING STONE Location: River Side Works, Littlehampton Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02642 Permit Version: 1 Effective Date: 3rd April 1970 Issued Date: 3rd April 1970 Revocation Date: 20th March 1996 Discharge Type: Unknown Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 100m	A12NE (NW)	626	2	501810 102470

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Discharge Consents** Operator: N A P Rannard Esq Property Type: Not Given Location: LITTLEHAMPTON , West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: 62/1/1046 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th February 1972 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge Environment: Saline Estuary Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A12NE (W)	643	2	501700 102210
16	**Discharge Consents** Operator: Southern Water Services Ltd Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Cso East St/Avon Rd Littlehampton Junction East Street/Avon Rd, East Street, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Adur Estuary & Freshwater Tributaries Reference: A00858 Permit Version: 1 Effective Date: 2nd January 2002 Issued Date: 2nd January 2002 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge Environment: Saline Estuary Receiving Water: Tidal River Arun **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	711	2	502770 101540
17	**Discharge Consents** Operator: Mr G Ford, Manufacturing Manager Property Type: REAL ESTATE ACTIVITIES/BUYING/SELLING/RENTING Location: Lineside Industrial Estate, Fort Road, Littlehampton, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S02005 Permit Version: 1 Effective Date: 10th June 1971 Issued Date: 10th June 1971 Revocation Date: 11th May 1995 Discharge Type: Discharge Of Other Matter-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Freshwater River **Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989** Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	789	2	501830 102740
18	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Not Given Location: Left Bank Of River Arun, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PP(A)38/117/S41/ Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st June 1979 Revocation Date: Not Supplied Discharge Type: Unknown Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	896	2	501880 102910

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	**Discharge Consents** Operator: Southern Water Services Ltd (H) Property Type: Not Given Location: Left Bank Of Hornbrook Stream, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: PP(A)38/117/S41/ Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st June 1979 Revocation Date: Not Supplied Discharge Type: Unknown Discharge Environment: Freshwater Stream/River Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	937	2	501940 102990
20	**Integrated Pollution Prevention And Control** Name: Medisort Limited Location: Unit A, Fort Road. Epr/Qp3536tw/V006, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: DP3438YF Original Permit Ref: Qp3536tw Effective Date: 27th September 2017 **Status: Effective** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.6 A(1) a) Activity Description: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: Y Activity Code: 5.3 A(1) a) (iv) Activity Description: 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 Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N	A18SW (NW)	557	2	502090 102640

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: PP3938EZ Original Permit Ref: Qp3536tw Effective Date: 17th January 2014 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Minor Positional Accuracy: Located by supplier to within 10m Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N Activity Code: 5.6 A(1) a) Activity Description: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) a) (iv) Activity Description: 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 Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: Y	A18SW (NW)	557	2	502090 102640
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: WP3430ZE Original Permit Ref: Qp3536tw Effective Date: 8th January 2013 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Located by supplier to within 10m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y	A18SW (NW)	557	2	502090 102640
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency, Southern Region Permit Reference: QP3536TW Original Permit Ref: Qp3536tw Effective Date: 1st July 2010 **Status:** **Effective** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Located by supplier to within 100m Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18SW (NW)	557	2	502090 102640

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: NP3631AF Original Permit Ref: Qp3536tw Effective Date: 11th November 2015 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.6 A(1) a) Activity Description: TEMPORARY STORAGE OF HAZ WASTE NOT UNDER S 5.2 PENDING ACTIVITIES LISTED IN S 5.1, 5.2, 5.3 AND PARAGRAPH (B) OF THIS SECTION WITH A TOTAL CAPACITY > 50 TONNES, EXCL TEMP STORAGE WHERE GENERATED Primary Activity: N Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.3 A(1) a) (iv) Activity Description: 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 Primary Activity: N Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: Y Activity Code: 5.3 A(1) a) (ii) Activity Description: DISPOSAL OR RECOVERY OF HAZARDOUS WASTE WITH A CAPACITY EXCEEDING 10 TONNES PER DAY INVOLVING PHYSICO-CHEMICAL TREATMENT Primary Activity: N	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: ZP3038FX Original Permit Ref: Qp3536tw Effective Date: 4th April 2012 **Status:** **Superseded By Variation** Application Type: Variation App. Sub Type: Standard Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Medisort Ltd Location: Littlehampton Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: QP3536TW Original Permit Ref: Qp3536tw Effective Date: 1st July 2010 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 5.3 A(1) (A) Activity Description: Other Waste Disposal; Hazardous Waste Greater Than 10T/D Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18SW (NW)	558	2	502094 102643

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Ethos Medical & Special Waste Ltd Location: Ethos Recycling Ltd, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: WP3233TF Original Permit Ref: Wp3233tf Effective Date: 5th March 2010 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Ethos Medical & Special Waste Ltd Location: Ethos Recycling Ltd, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency, Southern Region Permit Reference: WP3233TF Original Permit Ref: Wp3233tf Effective Date: 5th March 2010 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Ethos Recycling Ltd Location: Ethos Recycling Ltd, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: GP3631GH Original Permit Ref: Gp3631gh Effective Date: 6th April 2009 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Ethos Recycling Ltd Location: Cliniserve Ltd Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency, Southern Region Permit Reference: GP3631GH Original Permit Ref: Gp3631gh Effective Date: 6th April 2009 **Status:** **Superseded By Variation** Application Type: Transfer App. Sub Type: Whole limited change in management Positional Accuracy: Automatically positioned to the address Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y	A18SW (NW)	558	2	502094 102643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**Integrated Pollution Prevention And Control** Name: Cliniserve Ltd Location: Cliniserve Ltd Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency - South East Region, Solent & South Downs Area Permit Reference: TP3235XV Original Permit Ref: Tp3235xv Effective Date: 19th December 2008 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18SW (NW)	558	2	502094 102643
20	**Integrated Pollution Prevention And Control** Name: Cliniserve Ltd Location: Cliniserve Ltd Waste Treatment Plant, Unit A, Fort Road,Wick,, Littlehampton, West Sussex, BN17 7QU Authority: Environment Agency, Southern Region Permit Reference: TP3235XV Original Permit Ref: Tp3235xv Effective Date: 19th December 2008 **Status:** **Superseded By Variation** Application Type: Application App. Sub Type: New Positional Accuracy: Automatically positioned to the address Activity Code: 5.2 A(1) (A) Activity Description: Waste Landfilling; Greater Than 10 T/D With Capacity Greater Than 25,000T Excluding Inert Waste Primary Activity: Y Activity Code: 0.0 Associated Process Activity Description: Associated Process Primary Activity: N	A18SW (NW)	558	2	502094 102643
21	**Local Authority Pollution Prevention and Controls** Name: Hanson Quarry Products Europe Ltd Location: Quayside, Bridge Road, LITTLEHAMPTON, West Sussex, BN17 5DN Authority: Arun District Council, Environmental Health Department Permit Reference: 1882 Dated: 4th December 1992 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement **Status:** **Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	444	3	501950 102350
22	**Local Authority Pollution Prevention and Controls** Name: Littlehampton Marina Location: Maria Workshop, Ferry Road, Littlehampton, Bn17 5ds Authority: Arun District Council, Environmental Health Department Permit Reference: 8399 Dated: 14th March 2008 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input **Status:** **Authorisation revoked** Positional Accuracy: Manually positioned to the address or location	A12NE (W)	478	3	501863 102180
23	**Local Authority Pollution Prevention and Controls** Name: Tarmac Southern Ltd Location: Quayside, LITTLEHAMPTON, West Sussex, BN17 5DN Authority: Arun District Council, Environmental Health Department Permit Reference: 1885 Dated: 24th February 1993 Process Type: Local Authority Air Pollution Control Description: PG3/15 Mineral drying and roadstone coating processes **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	484	3	501933 102399
24	**Local Authority Pollution Prevention and Controls** Name: Beach Road Dry Cleaners Location: 4 Beach Road, Littlehamtpon, Bn17 5ht Authority: Arun District Council, Environmental Health Department Permit Reference: 8105 Dated: 13th March 2008 Process Type: Local Authority Air Pollution Control Description: PG6/46 Dry cleaning **Status:** **Permitted** Positional Accuracy: Manually positioned to the address or location	A14SW (E)	555	3	502918 102073

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Local Authority Pollution Prevention and Controls** Name: Littlehampton Welding Ltd Location: Unit S Riverside Works, Riverside Industrial Estate, Bridge Road, LITTLEHAMPTON, West Sussex, BN17 5DF Authority: Arun District Council, Environmental Health Department Permit Reference: 1876 Dated: 20th December 1993 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Authorisation revoked** Positional Accuracy: Automatically positioned to the address	A12NW (W)	738	3	501655 102412
26	**Local Authority Pollution Prevention and Controls** Name: Finecast Foundry Ltd Location: Unit 1 Lineside Way, Lineside Industrial Estate, Littlehampton, West Sussex, BN17 5EJ Authority: Arun District Council, Environmental Health Department Permit Reference: 7156 Dated: 31st March 2006 Process Type: Local Authority Air Pollution Control Description: PG2/6 Aluminium and aluminium alloy processes **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	787	3	501969 102836
27	**Local Authority Pollution Prevention and Control Enforcements** Location: Quayside, Littlehampton, Bn17 5dd Type: Air Pollution Control Enforcement Notice Reference: Not Given Date Issued: 2nd December 1999 Enforcement Date: Not Supplied Details: Enforcement Served Due To The Breach Of Conditions 7 And 15 Of The Licence Agreement Positional Accuracy: Manually positioned to the road within the address or location	A12NE (NW)	479	3	501915 102358
28	**Local Authority Pollution Prevention and Control Enforcements** Location: Unit S Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, Bn17 5df Type: Air Pollution Control Enforcement Notice Reference: EPA/12/93 Date Issued: 1st October 1996 Enforcement Date: Not Supplied Details: Not Supplied Positional Accuracy: Manually positioned to the address or location	A12NW (W)	738	3	501654 102411
	Nearest Surface Water Feature	A13SW (SW)	0	-	502346 102127
29	**Pollution Incidents to Controlled Waters** Property Type: Ships/Boats Location: River Arun By The Arun View Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Diesel On River Arun Incident Date: 24th April 1998 Incident Reference: 2547 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SE (SE)	44	2	502400 102100
30	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Adjacent To Arun View Hotel Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Slight Oil Pollution Incident Date: 26th May 1993 Incident Reference: 661 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	73	2	502300 102200

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
31	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Drainage Ditch/Rarun Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil In Ditch Incident Date: 16th January 1992 Incident Reference: 270 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	212	2	502130 102100
32	**Pollution Incidents to Controlled Waters** Property Type: Ships/Boats Location: Littlehampton Harbour Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil Pollution Incident Date: 20th July 1996 Incident Reference: 1805 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	335	2	502100 101900
33	**Pollution Incidents to Controlled Waters** Property Type: Waste Management Facilities Location: Onyx Depot, Harwood Road, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Diesel Fuels Note: Not Supplied Incident Date: 13th September 1999 Incident Reference: 2891 Catchment Area: Arun Receiving Water: Potential River Cause of Incident: Deliberate Action Incident Severity: Category 3 - Minor Incident Positional Accuracy: Approximate location provided by supplier	A18SW (N)	435	2	502300 102580
34	**Pollution Incidents to Controlled Waters** Property Type: Ships/Boats Location: Littlehampton Harbour, Jetty Adjacent To, Harbourmasters Office, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Petrol Note: Fuel Leaking From Red Speedboat Incident Date: 24th September 1996 Incident Reference: 1878 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oil Boat/Ship Incident Severity: Category 3 - Minor Incident Positional Accuracy: Unknown	A9NW (SE)	519	2	502700 101730
34	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Entrance To Littlehampton Harbour Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Sheen On River Arun; Industrial: Other Incident Date: 9th December 1995 Incident Reference: 1521 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	542	2	502700 101700
34	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: Alongside, Harbour Masters Office Authority: Environment Agency, Southern Region Pollutant: Oils - Tars/Bitumen Note: Oil/Tar On River Arun Incident Date: 24th February 1997 Incident Reference: 2041 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	546	2	502700 101695

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Arun Road Bridge, A259, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Chemicals - Unknown Note: Green Ditch Incident Date: 13th March 1992 Incident Reference: 314 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial Chemicals Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18SW (NW)	635	2	502020 102690
36	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: Under Railway Track, E End Of Flotbridge, Littlehampton Station, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Oil In A Culvert Incident Date: 18th March 1996 Incident Reference: 1603 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company Surface Water Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	639	2	501900 102600
37	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Littlehampton Harbour, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oil (Rainbows) On River; Miscellaneous Premises: Unknown Incident Date: 11th July 1994 Incident Reference: 1010 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A8NE (S)	665	2	502600 101500
38	**Pollution Incidents to Controlled Waters** Property Type: Oil Industry (Not Garages) Location: Madement Tankers, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Leak From Tank Incident Date: 2nd October 1996 Incident Reference: 1897 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	750	2	501750 102600
38	**Pollution Incidents to Controlled Waters** Property Type: Not Given Location: Lineside Industrial Estate, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Rubble/Litter Or Solids Note: Oil Incident Date: 8th July 1992 Incident Reference: 494 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	782	2	501750 102650
39	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Stream, Riverside Ind Est, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Waste Oil Note: Oil Incident Date: 23rd April 1996 Incident Reference: 1635 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Industrial - Other Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	761	2	501700 102550

Agency & Hydrological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
40	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Surface Water Outfall Location: A259 Road Bridge Authority: Environment Agency, Southern Region Pollutant: Oils - Unknown Note: Liquid On River Arun - Possibly Fuel Incident Date: 21st January 1996 Incident Reference: 1552 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company Surface Water Overflow Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	783	2	501600 102395
40	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Other Location: A259 Road Bridge, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil On River Arun; Water Company Sewage: Surface Water Outfall Incident Date: 19th December 1995 Incident Reference: 1525 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	785	2	501600 102400
41	**Pollution Incidents to Controlled Waters** Property Type: No Premises Identified Location: Pier Rd, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Organic Chemicals : Mixed / Unidentified / Waste Mineral & Synthetic Oils Note: Not Supplied Incident Date: 6th December 1999 Incident Reference: 3737 Catchment Area: Arun Receiving Water: Potential River Cause of Incident: Other Cause Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	796	2	502700 101400
42	**Pollution Incidents to Controlled Waters** Property Type: Landfill/Waste Disposal Site Location: Ferry Road, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Miscellaneous - Tip Leachate Note: Excavation To Landfill; Liquid/Waste In River Incident Date: 24th November 1998 Incident Reference: 2853 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Deliberate Disposal To Drain Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12SW (W)	850	2	501500 102000
43	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Other Location: Drainage Ditches, Near Tesco Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Petrol Incident Date: 23rd January 1997 Incident Reference: 1996 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	851	2	501750 102750
44	**Pollution Incidents to Controlled Waters** Property Type: Industrial: Other Location: Ditch Upstream A259 At, LITTLEHAMPTON Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Oily Sediment Incident Date: 26th October 1993 Incident Reference: 765 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17SE (NW)	852	2	501700 102700

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Not Supplied GQA Grade: Unclassified Tidal River Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1995	A13SW (SW)	124	2	502233 102073
45	**Water Abstractions** Operator: Arc Ltd (Solent Aggregates Ltd) Licence Number: 10/41/411021 Permit Version: 100 Location: River Arun Estuary - Tidal Authority: Environment Agency, Southern Region Abstraction: Construction: General Washing/Process Washing Abstraction Type: Water may be abstracted from a single point Source: Tidal Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2016 Permit End Date: Not Supplied Positional Accuracy: Unknown	A12NE (NW)	471	2	501910 102330
46	**Water Abstractions** Operator: James D Baird (Home Farm) Ltd Licence Number: 10/41/411016 Permit Version: 101 Location: Ryebank Rife Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 16th April 2019 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	620	2	501720 102160
47	**Water Abstractions** Operator: Mr J L Baird Licence Number: 10/41/411016 Permit Version: 100 Location: Ryebank Rife And Elmer Rife Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a river or stream reach, or a row of wellpoints Source: Surface Daily Rate (m3): 1091 Yearly Rate (m3): 27272 Details: See Licence Map Authorised Start: 01 April Authorised End: 30 September Permit Start Date: 8th December 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A12NE (W)	634	2	501710 102210
	Water Abstractions Operator: The Norman Nurseries Ltd Licence Number: 411011 Permit Version: Not Supplied Location: Norman Nurseries, Courtwick Lane, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Garden Centre, Non Domestic Garden Or Horticulture Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 55 Yearly Rate (m3): 9092 Details: H5 Chalk Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Unknown	A23NW (N)	1520	2	502090 103645

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Yoder Toddington Ltd Licence Number: 10/41/411004 Permit Version: 101 Location: Normans Nurseries Courtwick Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture and Nurseries: Animal Watering & General Use (Non Agricultural) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 6th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23NW (N)	1536	2	502080 103660
	Water Abstractions Operator: The Normans Nurseries Ltd Licence Number: 10/41/411004 Permit Version: 100 Location: Normans Nurseries Courtwick Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture and Nurseries: Animal Watering & General Use (Non Agricultural) Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 14th July 1993 Permit End Date: Not Supplied Positional Accuracy: Unknown	A23NW (N)	1536	2	502080 103660
	Water Abstractions Operator: A H Bowerman & Son Ltd Licence Number: 10/41/411003 Permit Version: 100 Location: Court Wick Park Littlehampton Authority: Environment Agency, Southern Region Abstraction: General Farming And Domestic Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A22NE (N)	1731	2	501720 103760
	Water Abstractions Operator: Yoder Toddington Ltd Licence Number: 10/41/414025 Permit Version: 101 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1796	2	503460 103560

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Yoder Toddington Ltd Licence Number: 10/41/414025 Permit Version: 101 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 17th October 2003 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1796	2	503460 103560
	Water Abstractions Operator: Firview Nursery Licence Number: 10/41/414025 Permit Version: 100 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1796	2	503460 103560
	Water Abstractions Operator: Firview Nursery Licence Number: 10/41/414025 Permit Version: 100 Location: Firview Nursery Toddington Lane Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 23rd March 1966 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A25NW (NE)	1796	2	503460 103560
	Water Abstractions Operator: Firview Nursery Licence Number: 414025A Permit Version: Not Supplied Location: Firview Nursery, Toddington Lane, LITTLEHAMPTON Authority: Environment Agency, Southern Region Abstraction: Agriculture (General) Abstraction Type: Not Supplied Source: Pond or Lake Daily Rate (m3): 68 Yearly Rate (m3): 511 Details: Additional Purpose: Spray Irrigation Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A25NW (NE)	1796	2	503465 103555

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Farfield Plants Limited Licence Number: 10/41/411012 Permit Version: 102 Location: Borehole At Sandfield Nurseries Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1825	2	502560 103960
	Water Abstractions Operator: Sandfield Plant Ltd Licence Number: 10/41/411012 Permit Version: 101 Location: Borehole At Sandfield Nurseries Authority: Environment Agency, Southern Region Abstraction: Horticulture And Nurseries: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1825	2	502560 103960
	Water Abstractions Operator: G F Molica Esq Licence Number: 24/065 Permit Version: 100 Location: Torri House Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1873	2	502320 104020
	Water Abstractions Operator: A F Molica Esq Licence Number: 24/064 Permit Version: 100 Location: Marina House Authority: Environment Agency, Southern Region Abstraction: Agriculture: Horticultural Watering Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st April 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1913	2	502320 104060

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Mr G Molica-Franco Licence Number: 24/062 Permit Version: 103 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 16th June 2009 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1926	2	502240 104070
	Water Abstractions Operator: Farfield Plants Limited Licence Number: 24/062 Permit Version: 102 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 13th November 2006 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(N)	1926	2	502240 104070
	Water Abstractions Operator: Sandfield Plant Ltd Licence Number: 24/062 Permit Version: 101 Location: Sandfield Nursery Authority: Environment Agency, Southern Region Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: See Licence Map Authorised Start: 01 January Authorised End: 31 December Permit Start Date: 1st November 1999 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(N)	1926	2	502240 104070
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	A13SE (NE)	0	4	502353 102133
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	A13SE (NE)	0	4	502353 102133
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SE (NE)	0	4	502353 102133
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A13SE (NE)	0	4	502353 102133

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SE (NE)	0	2	502353 102133
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13NW (W)	205	2	502135 102150
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	A13SE (NE)	0	2	502353 102133
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	0	2	502346 102127
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (S)	1	2	502355 102117
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	35	2	502326 102172
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	35	2	502323 102169
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	43	2	502320 102178
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	43	2	502320 102178
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (W)	77	2	502271 102100
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	80	2	502316 102048
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (SE)	91	2	502413 102048
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	116	2	502245 102068
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SW (SW)	117	2	502245 102068
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	125	2	502253 102226
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (NW)	125	2	502253 102226
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (W)	126	2	502213 102138
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13NW (W)	126	2	502213 102138

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flood Defences Type: Flood Defences Reference: Not Supplied	A13SE (S)	209	2	502362 101910
48	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1150.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Arun Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	39	5	502318 102100
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	208	5	502163 102025
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	208	5	502170 102015
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	208	5	502176 102007
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (W)	224	5	502124 102075
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (S)	224	5	502361 101894
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (S)	224	5	502363 101894
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A13SE (S)	227	5	502372 101891
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 403.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A13SW (W)	227	5	502119 102083

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (W)	227	5	502119 102083
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (S)	227	5	502372 101891
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	228	5	502325 101892
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 418.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (W)	230	5	502113 102092
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (W)	230	5	502113 102092
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 775.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (SW)	233	5	502185 101959
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 84.4 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	237	5	502278 101894
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 234.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	237	5	502292 101890
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (S)	243	5	502368 101875

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 64.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (W)	245	5	502099 102087
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SE (S)	250	5	502366 101868
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	318	5	502270 101811
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	324	5	502266 101807
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	324	5	502266 101807
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 219.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A13SW (S)	327	5	502257 101807
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	328	5	502373 101791
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 593.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NE (S)	328	5	502373 101791
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 521.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A13SW (W)	331	5	502017 102063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 582.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8NW (S)	465	5	502248 101666
76	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 913.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Arun Catchment Name: Rother and Arun Primacy: 1	A9NW (SE)	537	5	502698 101706
77	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 87.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	553	5	501805 102280
78	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 368.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Arun Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	556	5	501803 102285
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 295.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	582	5	501910 102530
80	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 5.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	608	5	501741 102241
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.4 Watercourse Level: Underground Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	609	5	501739 102236
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	613	5	501730 102206
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	613	5	501730 102206

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 216.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	621	5	501719 102161
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 49.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12NE (W)	621	5	501719 102161
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SE (W)	628	5	501735 101963
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 684.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	634	5	501709 102062
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	635	5	501705 102119
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 39.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Ryebank Rife Catchment Name: Rother and Arun Primacy: 1	A12SE (W)	636	5	501704 102116
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 76.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SW (S)	752	5	502188 101384
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 68.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	753	5	501723 102570
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 112.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12NW (W)	765	5	501589 102285

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 219.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A8SW (S)	767	5	502148 101380
94	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SW (S)	767	5	502148 101380
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	768	5	501676 102523
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	770	5	501674 102523
97	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 57.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SW (S)	771	5	502152 101374
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A8SW (S)	771	5	502213 101360
99	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 114.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	772	5	501619 102414
100	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	776	5	501664 102520
101	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	778	5	501662 102519

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
102	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 50.5 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	782	5	501657 102518
103	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 370.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	785	5	501748 101620
104	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 23.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	785	5	501748 101620
105	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 276.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7NE (SW)	788	5	501760 101600
106	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	818	5	501578 102434
107	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	820	5	501608 102506
108	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	824	5	501601 102502
109	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	824	5	501534 101962
110	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	825	5	501601 102505

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 48.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	827	5	501599 102505
112	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	827	5	501599 102505
113	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	830	5	501512 102204
114	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	832	5	501510 102204
115	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 573.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	832	5	501509 102203
116	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	834	5	501539 101903
117	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	841	5	501532 101901
118	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	852	5	501517 101914
119	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	852	5	501517 101914

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	852	5	501518 101913
121	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	852	5	501521 101898
122	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12SW (W)	852	5	501522 101897
123	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 194.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	852	5	501522 101897
124	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	853	5	501517 101912
125	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 165.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	860	5	501977 101346
126	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 14.7 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	864	5	501552 102493
127	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 252.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12SW (W)	864	5	501506 101909
128	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 77.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SE (NW)	865	5	501688 102706

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
129	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	867	5	501496 102336
130	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	875	5	501538 102488
131	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	880	5	501468 102255
132	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12NW (W)	880	5	501468 102255
133	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 570.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A12NW (W)	881	5	501467 102254
134	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 65.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	897	5	501471 102360
135	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 52.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A17SW (NW)	898	5	501625 102680
136	**OS Water Network Lines** Watercourse Form: Tidal river Watercourse Length: 1934.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: River Arun Catchment Name: Rother and Arun Primacy: 1	A17SW (W)	900	5	501506 102476
137	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 2	A7SE (SW)	926	5	501853 101340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 141.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A12NW (W)	954	5	501444 102468
139	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	958	5	501825 101320
140	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	968	5	501820 101311
141	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	970	5	501818 101310
142	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Rother and Arun Primacy: 1	A7SE (SW)	1000	5	501784 101297

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
143	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Littlehampton, Sussex Name: Littlehampton Ferry Road South Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20377 First Input Date: 31st December 1946 Last Input Date: 31st December 1975 Specified Waste Type: Deposited Waste included Inert, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: WD27/148b	A13NW (W)	127	2	502216 102166
144	**Historical Landfill Sites** Licence Holder: Littlehampton Marina Limited Location: Littlehampton, Sussex Name: Littlehampton Marina Extension Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20376 First Input Date: 1st June 1981 Last Input Date: 5th August 1981 Specified Waste Type: Deposited Waste included Industrial Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8114 BGS Ref: Not Supplied Other Ref: WD27/149, WD13/47	A12NE (W)	623	2	501717 102164
145	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Littlehampton, Sussex Name: Ferry Road North Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20024 First Input Date: 31st December 1946 Last Input Date: 31st December 1975 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial and Household Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8113 BGS Ref: 23 Other Ref: WD27/48a, WD27/148a	A12NW (W)	816	2	501556 102365
146	**Licensed Waste Management Facilities (Locations)** Licence Number: 10147 Location: Unit A, Fort Road Industrial Estate, Littlehampton, West Sussex, BN17 7QU Operator Name: Medisort Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Clinical Waste Transfer Stations **Licence Status: Modified** Issued: 5th July 2006 Last Modified: 17th January 2014 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	562	2	502092 102646

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
147	**Licensed Waste Management Facilities (Locations)** Licence Number: 101116 Location: Units 15/16, Arndale Road, Lineside Ind Est, Littlehampton, West Sussex, BN17 7HD Operator Name: S R C L Ltd Operator Location: Not Supplied Authority: Environment Agency - South East Region, Solent & South Downs Area Site Category: Clinical Waste Transfer Station **Licence Status: Modified** Issued: 23rd December 2009 Last Modified: 4th January 2019 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m	A17SE (NW)	781	2	501779 102680
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	6	502353 102133
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		88	7	502419 102204
148	**Local Authority Recorded Landfill Sites** Location: Littlehampton Marina, Ferry Road, Bn17 5ds Reference: CM/29/80 Authority: West Sussex County Council, Environment & Development **Last Reported Status: Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12NE (W)	606	7	501739 102217
149	**Registered Waste Transfer Sites** Licence Holder: Farndell & Gates Ltd Licence Reference: 5/BQ/86 Site Location: Quayside, Bridge Road, Littlehampton, West Sussex Operator Location: 47 Pier Road, LITTLEHAMPTON, West Sussex, BN17 5LN Authority: Environment Agency - Southern Region, Sussex Area Site Category: Transfer Max Input Rate: Undefined Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1987 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Asbestos; Contaminated Rubbish/Bags/Sacks; Earth; Empty Used Containers; Plasterboard; Rubble, Concrete; Similar Construction & Demol'N Wastes; Waste Treated Timber; Wood Prohibited Waste: Difficult Wastes Nos; Liquid Wastes; Pumpable Sludge Wastes; Special Wastes Environment Agency must give specific authorisation for this waste to be acceptedWaste requires prior approval: Waste N.O.S	A12NE (NW)	449	2	501950 102360

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
150	**Registered Waste Treatment or Disposal Sites** Licence Holder: Mrs D E White Licence Reference: WSX/L1/0024 Site Location: Barn Works, Wick Street, Littlehampton, West Sussex Operator Location: White Lodge, Toddington Lane, Littlehampton, West Sussex Authority: Environment Agency - Southern Region, Sussex Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Quality: Not Supplied Authorised Waste: Compressed Gas Cylinders; Domestic Electrial Appliances; Electric/Electronic Components; Electric/Electronic Fitt.Fixture/Appl.; Empty Used Containers Capacity > 25 L; Ferrous Metal Scrap; Lead/Acid Batteries; Max.Waste Permitted By Licence; Motor Vehicles; Non-Ferrous Metal Scrap Prohibited Waste: Asbestos; Metallic Powders; Pcb'S And Analogues; Percussive/Explosive/Similar Waste; Special Wastes N.O.S.; Sub'S Control. Radioactive Subs Act'60; Waste N.O.S.; Waste React.Violently W/Water Or Air	A19NW (N)	903	2	502700 102980

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
151	**Control of Major Accident Hazards Sites (COMAH)** Name: Transco Plc Location: Gloucester Road, LITTLE HAMPTON, West Sussex, BN17 7AB Reference: Not Supplied Type: Lower Tier **Status: Record Ceased To Be Supplied Under COMAH Regulations** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	395	8	502116 102465
152	**Notification of Installations Handling Hazardous Substances (NIHHS)** Name: Transco Location: Gloucester Road, LITTLE HAMPTON, West Sussex, BN17 7AB **Status: Not Active** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	391	8	502116 102460
153	**Planning Hazardous Substance Consents** Name: Regional Gas Supply Location: Littlehampton Gasholder Station, Gloucester Road, LITTLEHAMPTON, West Sussex, BN17 7 Authority: Arun District Council, Technical Support Unit Application Ref: Lu/281/92/Hs Hazardous Substance: Part C, Flammable Substance (Not in Parts A&B), Gas or gases flammable in air, when held as a gas, where amount held is >= 15tonnes Maximum Quantity: 21.73 Application date: 9th November 1992 **Decision: Deemed consent granted between June 1992 and November 1992Granted** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	377	6	502114 102441
153	**Planning Hazardous Substance Consents** Name: British Gas Transco Plc Location: Littlehampton Gas Holder Station, Gloucester Road, Littlehampton, West Sussex, Bn17 Authority: Arun District Council, Technical Support Unit Application Ref: LU/49/01/Hs Hazardous Substance: Liquefied extremely flammable gas (including LPG) and natural gas (whether liquefied or not) Maximum Quantity: 43 Application date: 10th July 2001 **Decision: New application granted conditionallyGranted** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	388	6	502118 102458

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13SE (NE)	0	1	502353 102133
154	**BGS Recorded Mineral Sites** Site Name: Railway Wharf Location: Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 10884 Type: Wharf **Status: Dormant** Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Not Available Geology: Quarry (Hard Rock) Commodity: Crushed Rock Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	330	1	502080 102340
154	**BGS Recorded Mineral Sites** Site Name: Littlehampton Quay Location: Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 10488 Type: Wharf **Status: Ceased** Operator: Solent Aggregates Ltd Operator Location: Not Supplied Periodic Type: Quaternary Geology: Marine Deposits Commodity: Marine Sand And Gravel Positional Accuracy: Located by supplier to within 10m	A13NW (NW)	362	1	502040 102340
155	**BGS Recorded Mineral Sites** Site Name: Littlehampton Brick Works Location: Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157621 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	359	1	502590 102415
156	**BGS Recorded Mineral Sites** Site Name: Littlehampton Gravel Pit Location: Littlehampton, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 158053 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Blown Sand Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8SE (S)	843	1	502644 101326
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	247	1	502458 102370
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	247	1	502458 102370
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133

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Geological

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	10	1	502351 102158
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	247	1	502458 102370
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	247	1	502458 102370
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	502353 102133

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
157	**Contemporary Trade Directory Entries** Name: Complete Automobile Repair Services Location: 47, River Road, Littlehampton, West Sussex, BN17 5BZ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	17	-	502334 102156
157	**Contemporary Trade Directory Entries** Name: Riverside Autos Location: 47, River Road, Littlehampton, West Sussex, BN17 5BZ Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	17	-	502334 102156
157	**Contemporary Trade Directory Entries** Name: Riverside Autos Location: 57 River Road, Littlehampton, West Sussex, BN17 5BZ Classification: Car Body Repairs **Status: Active** Positional Accuracy: Manually positioned to the address or location	A13NW (NW)	18	-	502334 102156
158	**Contemporary Trade Directory Entries** Name: Eco-Reco Location: 9, Riverside, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Scrap Metal Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (S)	111	-	502321 102012
159	**Contemporary Trade Directory Entries** Name: Cunningham Offshore Racing Ltd Location: The Ship Yard, Ferry Road, Littlehampton, West Sussex, BN17 5BW Classification: Marine Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	116	-	502225 102119
159	**Contemporary Trade Directory Entries** Name: Testemp Ltd Location: Shipyard Cottages, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Temperature Monitoring Systems Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	137	-	502206 102108
159	**Contemporary Trade Directory Entries** Name: Arun-Nautique Location: The Shipyard, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Chandlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	147	-	502198 102095
159	**Contemporary Trade Directory Entries** Name: A Powell Location: Unit 2, The Shipyard, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Boatbuilders & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	147	-	502198 102095
159	**Contemporary Trade Directory Entries** Name: I N D Fabrications Location: The Shipyard, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Aluminium Fabricators **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	147	-	502198 102095
159	**Contemporary Trade Directory Entries** Name: Sussex Road & Race Location: Unit 2, The Shipyard, Rope Walk, Littlehampton, BN17 5DE Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	147	-	502198 102095
160	**Contemporary Trade Directory Entries** Name: Nbm Japanese Tuners Location: Arun Shipyard,Rope Walk, Littlehampton, West Sussex, BN17 5DH Classification: Classic Car Specialists **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	129	-	502248 102044
160	**Contemporary Trade Directory Entries** Name: Tim Dutton Amphibious Cars Location: Arun Shipyard, Littlehampton, West Sussex, BN17 5DH Classification: Boatbuilders & Repairers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	141	-	502249 102025

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
160	**Contemporary Trade Directory Entries** Name: Boxall & Clinch Location: Unit 10a(1), Rope House, Rope Walk, Littlehampton, BN17 5DE Classification: Caravans - Servicing & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	141	-	502249 102025
160	**Contemporary Trade Directory Entries** Name: The Ship Yard Location: Rope Walk, Littlehampton, West Sussex, BN17 5DG Classification: Boatbuilders & Repairers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	141	-	502226 102053
160	**Contemporary Trade Directory Entries** Name: Aron Canvas & Rigging Location: Rope Walk, Littlehampton, West Sussex, BN17 5DG Classification: Chandlers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	141	-	502226 102053
160	**Contemporary Trade Directory Entries** Name: Dip It Hydrographics Location: Unit 10a Arun Shipyard,Rope Walk, Littlehampton, West Sussex, BN17 5DH Classification: Printers - Glass, Metal, Plastics Etc. **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	141	-	502249 102025
160	**Contemporary Trade Directory Entries** Name: Ns Marine Location: Unit 6a, Arun Shipyard, Rope Walk, Littlehampton, BN17 5DE Classification: Marine Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	141	-	502249 102025
160	**Contemporary Trade Directory Entries** Name: Wynn Engineering Location: Rope Walk, Littlehampton, West Sussex, BN17 5DG Classification: Precision Engineers **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	166	-	502223 102016
160	**Contemporary Trade Directory Entries** Name: Wynn Engineering Location: Rope Walk, Littlehampton, West Sussex, BN17 5DG Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	166	-	502222 102018
160	**Contemporary Trade Directory Entries** Name: Rusty Nail Restoration Ltd Location: The Ship Yard, Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Furniture - Repairing & Restoring **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	185	-	502215 101997
160	**Contemporary Trade Directory Entries** Name: Bridge Garage Location: Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Garage Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A13SW (SW)	185	-	502215 101997
161	**Contemporary Trade Directory Entries** Name: A M S Location: 25, River Road, Littlehampton, West Sussex, BN17 5BZ Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	131	-	502490 102086
162	**Contemporary Trade Directory Entries** Name: C A R S Location: Unit 6,Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13NW (N)	164	-	502309 102306
162	**Contemporary Trade Directory Entries** Name: Lynx Finishers Ltd Location: Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Powder Coatings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	189	-	502311 102332

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
162	**Contemporary Trade Directory Entries** Name: Formet Fabrications Ltd Location: Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	189	-	502311 102332
162	**Contemporary Trade Directory Entries** Name: First Call Trading Ltd Location: Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Salvage Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	189	-	502311 102332
162	**Contemporary Trade Directory Entries** Name: Becket Recovery Services Ltd Location: Unit 7a, Gloucester Road, Littlehampton, BN17 7BS Classification: Breakdown and Recovery **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	222	-	502296 102362
163	**Contemporary Trade Directory Entries** Name: Think Design & Print Ltd Location: Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	165	-	502184 102082
163	**Contemporary Trade Directory Entries** Name: Discount Vehicle Testing Station Location: Rope Walk, Littlehampton, BN17 5DE Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SW (W)	170	-	502174 102095
163	**Contemporary Trade Directory Entries** Name: Bridge Garage Location: Rope Walk, Littlehampton, West Sussex, BN17 5DE Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (W)	170	-	502174 102095
164	**Contemporary Trade Directory Entries** Name: Porter Coachwork Co Location: The Old Railway Goods Yard, Terminus Road, Littlehampton, West Sussex, BN17 5BS Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	175	-	502541 102130
164	**Contemporary Trade Directory Entries** Name: Arun Tyre & Exhaust Location: 4, Terminus Road, Littlehampton, BN17 5BS Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (E)	215	-	502580 102106
165	**Contemporary Trade Directory Entries** Name: Dando Drilling International Ltd Location: Old Customs House, Wharf Road, Littlehampton, West Sussex, BN17 5DD Classification: Drilling & Boring Equipment & Supplies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	176	-	502225 102270
166	**Contemporary Trade Directory Entries** Name: K Lansdowne Location: 47, Maxwell Road, Littlehampton, West Sussex, BN17 7BW Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	189	-	502479 102285
167	**Contemporary Trade Directory Entries** Name: C M Wood Location: Linden Park, Littlehampton, West Sussex, BN17 7BJ Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	242	-	502332 102389

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
167	**Contemporary Trade Directory Entries** Name: Complete Automobile Repair Services Location: Unit 6, Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (N)	245	-	502302 102388
167	**Contemporary Trade Directory Entries** Name: R W Catering Services Ltd Location: Unit 3-5, Gloucester Road, Littlehampton, West Sussex, BN17 7BS Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (N)	245	-	502302 102388
168	**Contemporary Trade Directory Entries** Name: Straight Location: Flat 1, Progress House, 1, Arundel Road, Littlehampton, West Sussex, BN17 7BA Classification: Ironing & Home Laundry Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (E)	257	-	502623 102144
169	**Contemporary Trade Directory Entries** Name: Rentafilm Location: 9, Arundel Road, Littlehampton, West Sussex, BN17 7BY Classification: Digital Printing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	280	-	502634 102209
170	**Contemporary Trade Directory Entries** Name: A Langley Location: Office B, 20a, High Street, LITTLEHAMPTON, West Sussex, BN17 5EE Classification: Concrete Contractors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	309	-	502675 102116
170	**Contemporary Trade Directory Entries** Name: Rainbow International Location: 1-3, High Street, Littlehampton, West Sussex, BN17 5EG Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	314	-	502680 102142
170	**Contemporary Trade Directory Entries** Name: Make It Snappy Location: 11, High Street, Littlehampton, West Sussex, BN17 5EG Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	333	-	502699 102143
171	**Contemporary Trade Directory Entries** Name: T H A Plumbing, Heating & Electrical Location: 44, Gloucester Place, LITTLEHAMPTON, West Sussex, BN17 7AL Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	319	-	502569 102380
172	**Contemporary Trade Directory Entries** Name: Wynn Engineering Location: Surrey St, Littlehampton, West Sussex, BN17 5BG Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	332	-	502695 102087
173	**Contemporary Trade Directory Entries** Name: Lab Kinetics Ltd Location: 52, East Ham Road, Littlehampton, West Sussex, BN17 7BE Classification: Laboratory Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (N)	348	-	502483 102470
174	**Contemporary Trade Directory Entries** Name: Grab & Go Services Location: Unit 3, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Waste Disposal Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	364	-	501982 102207

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
174	**Contemporary Trade Directory Entries** Name: Dutton Marine Ltd Location: Unit 3, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Car Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	364	-	501982 102207
174	**Contemporary Trade Directory Entries** Name: Grab & Go Location: Unit 3, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	364	-	501982 102207
174	**Contemporary Trade Directory Entries** Name: Reality Logic Location: Littlehampton Marina,Ferry Rd, Littlehampton, West Sussex, BN17 5DS Classification: Automation Systems & Equipment **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	365	-	501975 102159
174	**Contemporary Trade Directory Entries** Name: Bird Stop Location: Unit 1d, Littlehampton Marina, Ferry Road, Littlehampton, BN17 5DS Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	365	-	501975 102159
174	**Contemporary Trade Directory Entries** Name: Pensa Cooling Services Location: Unit 1e, Littlehampton Marina, Ferry Road, Littlehampton, BN17 5DS Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	365	-	501975 102159
174	**Contemporary Trade Directory Entries** Name: Crisp Websites Location: Unit 2c,2d,Littlehampton Marina,Ferry Rd, Littlehampton, West Sussex, BN17 5DS Classification: Pest & Vermin Control **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NE (W)	365	-	501975 102159
174	**Contemporary Trade Directory Entries** Name: Sandys Salt & Softeners Location: Unit 2b, Littlehampton Marina, Ferry Road, Littlehampton, BN17 5DS Classification: Water Softeners **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	400	-	501950 102230
174	**Contemporary Trade Directory Entries** Name: Arunspray Services Location: Unit 2, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Blast Cleaning **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	406	-	501943 102223
174	**Contemporary Trade Directory Entries** Name: Bird-X Ltd Location: Unit 2c-2d, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Pest & Vermin Control **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	406	-	501943 102223
175	**Contemporary Trade Directory Entries** Name: Tarmac Location: Quayside, Littlehampton, BN17 5DN Classification: Quarries **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	373	-	502076 102400
176	**Contemporary Trade Directory Entries** Name: Littlehampton Tyre & Exhaust Centre Location: St. Martins Barn, St. Martins Lane, Littlehampton, West Sussex, BN17 6BS Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	391	-	502733 102263

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
177	**Contemporary Trade Directory Entries** Name: Klick Location: 35, High Street, Littlehampton, West Sussex, BN17 5EG Classification: Photographic Processors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	401	-	502767 102139
177	**Contemporary Trade Directory Entries** Name: Bunce'S Home Hardware Location: 50, High Street, Littlehampton, West Sussex, BN17 5EA Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	419	-	502785 102109
177	**Contemporary Trade Directory Entries** Name: Bunces Home Hardware Location: 50, High Street, Littlehampton, BN17 5EA Classification: Hardware **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	419	-	502785 102109
178	**Contemporary Trade Directory Entries** Name: I P L D Location: 1, Harwood Road, Littlehampton, BN17 7AT Classification: Plastic Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	402	-	502474 102530
178	**Contemporary Trade Directory Entries** Name: Sussex Eco Solutions Location: Enterprise Harwood Road, Littlehampton, West Sussex, BN17 7AT Classification: Woodburning Stoves **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SE (N)	402	-	502474 102530
179	**Contemporary Trade Directory Entries** Name: Shellshocked 2cv Location: Unit 2, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Classic Car Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	402	-	502024 102386
179	**Contemporary Trade Directory Entries** Name: Richmond Motor Works Location: Unit 1, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	402	-	502024 102386
179	**Contemporary Trade Directory Entries** Name: Andys Autos Location: Unit 2, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Car & Commercial Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	402	-	502024 102386
179	**Contemporary Trade Directory Entries** Name: Low Cost Tyres Location: Unit 6, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	402	-	502024 102386
179	**Contemporary Trade Directory Entries** Name: Littlehampton Mechanics Location: Littlehampton, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	415	-	502009 102388
179	**Contemporary Trade Directory Entries** Name: The Clio Man Location: Unit 8, Forsters Yard, Quayside, Littlehampton, BN17 5SF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	415	-	502009 102388
179	**Contemporary Trade Directory Entries** Name: D H Motors Location: Unit 22, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	421	-	502026 102418

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
179	**Contemporary Trade Directory Entries** Name: Mental Motor Services Location: Unit 9, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	446	-	501995 102420
180	**Contemporary Trade Directory Entries** Name: Home & Dry Cleaning Services Location: Flat 5, 59, Arundel Road, Littlehampton, BN17 7BY Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	404	-	502680 102384
181	**Contemporary Trade Directory Entries** Name: Packaging Etc Location: Harwood House, Harwood Road, Littlehampton, BN17 7AU Classification: Packaging Materials Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	405	-	502185 102517
181	**Contemporary Trade Directory Entries** Name: Design Packaging Location: Harwood House, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Packaging Materials Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	405	-	502185 102517
181	**Contemporary Trade Directory Entries** Name: Lorlin Electronics Location: Unit A, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	409	-	502158 102508
182	**Contemporary Trade Directory Entries** Name: Inpress Plastics Ltd Location: Unit 1, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Plastics - Injection Moulding **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	412	-	502274 102553
182	**Contemporary Trade Directory Entries** Name: Noble Autos Location: Unit 1,2,Harwood Rd, Littlehampton, West Sussex, BN17 7AU Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (N)	430	-	502236 102562
183	**Contemporary Trade Directory Entries** Name: G P Products Ltd Location: Harwood Rd, Littlehampton, West Sussex, BN17 7AU Classification: Foam Products - Rubber & Plastics **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	422	-	502132 102508
183	**Contemporary Trade Directory Entries** Name: Ring Powercraft Location: Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Glass Fibre - Materials & Tools **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A18SW (NW)	450	-	502138 102544
183	**Contemporary Trade Directory Entries** Name: Audio Electronics Location: Unit C5 & C 6 Modern Moulds Business Centre,Harwood Rd, Littlehampton, West Sussex, BN17 7AU Classification: Sound Equipment Systems Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	460	-	502110 102540
183	**Contemporary Trade Directory Entries** Name: Climatic Test Services Ltd Location: Unit C/2, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Refrigerators & Freezers - Servicing & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	464	-	502114 102546

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
183	**Contemporary Trade Directory Entries** Name: Able Appliance Care Location: Unit C2, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	464	-	502114 102546
183	**Contemporary Trade Directory Entries** Name: Able Appliance Care Location: Unit C2, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Domestic Appliances - Servicing, Repairs & Parts **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	464	-	502114 102546
183	**Contemporary Trade Directory Entries** Name: Jay Tech Manufacturing Location: Unit C1, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Electronic Component Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	464	-	502114 102546
183	**Contemporary Trade Directory Entries** Name: Z T F Power Ltd Location: Unit C1, Modern Moulds Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	464	-	502113 102546
184	**Contemporary Trade Directory Entries** Name: Tyrrell Autos Location: Rear Of 38 Arundel Rd, Littlehampton, West Sussex, BN17 7DB Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (NE)	423	-	502736 102334
185	**Contemporary Trade Directory Entries** Name: R V R Motors Location: Unit 23, Forsters Yard, Quayside, Littlehampton, BN17 5SF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	425	-	501993 102383
185	**Contemporary Trade Directory Entries** Name: R V R Location: Unit 23, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	425	-	501993 102383
185	**Contemporary Trade Directory Entries** Name: D & M Autos Location: Unit 10, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	452	-	501958 102378
185	**Contemporary Trade Directory Entries** Name: Autospeed Location: Unit 12, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	454	-	501964 102390
185	**Contemporary Trade Directory Entries** Name: Auto Speed Location: Unit 12, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	454	-	501964 102390
185	**Contemporary Trade Directory Entries** Name: Mental Motor Services Location: Unit 13, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	455	-	501966 102396

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
185	**Contemporary Trade Directory Entries** Name: Bsa Servicing Location: Unit 15, Forsters Yard, Quayside, Littlehampton, West Sussex, BN17 5SF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	457	-	501972 102409
186	**Contemporary Trade Directory Entries** Name: Link European Ltd Location: Unit A1-A3, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	434	-	502085 102491
187	**Contemporary Trade Directory Entries** Name: Travis Perkins Plc Location: Pier Road, Littlehampton, West Sussex, BN17 5BB Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (SE)	435	-	502743 101911
187	**Contemporary Trade Directory Entries** Name: Amstel Cycles Location: 47, Pier Road, Littlehampton, West Sussex, BN17 5LW Classification: Cycle Accessories, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14SW (SE)	481	-	502777 101879
188	**Contemporary Trade Directory Entries** Name: Flashings & Fabrications Services Ltd Location: Units 1-2-4 Harwood Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AT Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18SE (N)	437	-	502413 102580
189	**Contemporary Trade Directory Entries** Name: Noble Autos Location: Enterprise Unit, 2, Harwood Road, LITTLEHAMPTON, West Sussex, BN17 7AT Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SE (N)	447	-	502356 102595
190	**Contemporary Trade Directory Entries** Name: J & N Joinery Location: Unit 16, Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Cabinet Makers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	453	-	502206 102577
190	**Contemporary Trade Directory Entries** Name: Rokk Building Products Ltd Location: Unit 4, Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Builders' Merchants **Status: Active** Positional Accuracy: Manually positioned to the address or location	A18SW (N)	453	-	502206 102577
190	**Contemporary Trade Directory Entries** Name: Rk Direct Location: Unit 4, Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	453	-	502206 102577
190	**Contemporary Trade Directory Entries** Name: P K Autos Location: Unit 10, Wickham Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Car Body Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	456	-	502166 102564
190	**Contemporary Trade Directory Entries** Name: Acorn Print Finishers Sussex Ltd Location: Unit 9-10, Wickham Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Print Finishers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	456	-	502166 102564

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
190	**Contemporary Trade Directory Entries** Name: Infinity Print & Embroidery Location: Unit 1 Harwood Industrial Estate,Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Screen Process Printers **Status:** **Inactive** Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	456	-	502166 102564
191	**Contemporary Trade Directory Entries** Name: Lulus Designs & Services Ltd Location: Unit 8,Anchor Springs, Littlehampton, West Sussex, BN17 6BP Classification: Printers **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	456	-	502819 102182
192	**Contemporary Trade Directory Entries** Name: Engine Management Services Location: Unit 1, Wickham Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Garage Services **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	457	-	502243 102592
192	**Contemporary Trade Directory Entries** Name: Engine Management Services Location: Unit 1, Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Garage Services **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (N)	457	-	502243 102592
193	**Contemporary Trade Directory Entries** Name: Becker Underwood Biological Location: Unit A1-A3, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Pest & Vermin Control **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	465	-	502059 102510
193	**Contemporary Trade Directory Entries** Name: G S R Motors Location: Unit B1, Modern Moulds Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Garage Services **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	474	-	502090 102544
193	**Contemporary Trade Directory Entries** Name: Vacfit Ltd Location: Unit B2, Modern Moulds Business Centre, Harwood Road, Littlehampton, BN17 7AU Classification: Precision Engineers **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	474	-	502090 102544
193	**Contemporary Trade Directory Entries** Name: West Sussex Transport Location: Unit B1, Modern Moulds Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Road Haulage Services **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	475	-	502090 102544
194	**Contemporary Trade Directory Entries** Name: Biffa Municipal Location: Harwood Road, Littlehampton, BN17 7AU Classification: Waste Disposal Services **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A18SW (N)	466	-	502307 102611
195	**Contemporary Trade Directory Entries** Name: Reality Logic Ltd Location: Office 1-2, Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Cabinet Makers **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	478	-	501863 102180
195	**Contemporary Trade Directory Entries** Name: Vantage Marine Location: Littlehampton Marina, Ferry Road, Littlehampton, West Sussex, BN17 5DS Classification: Marine Engineers **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	525	-	501817 102187

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
196	**Contemporary Trade Directory Entries** Name: Hatches Garage Location: Merton Drive, Littlehampton, West Sussex, BN17 7DU Classification: Garage Services **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	479	-	502580 102567
196	**Contemporary Trade Directory Entries** Name: S & N Auto Services Location: Rear Of 7 Clun Rd, Littlehampton, West Sussex, BN17 7DX Classification: Garage Services **Status:** **Inactive** Positional Accuracy: Manually positioned to an adjacent address or location	A18SE (NE)	517	-	502604 102598
197	**Contemporary Trade Directory Entries** Name: Hanson Aggregates Location: Quayside, Littlehampton, West Sussex, BN17 5DN Classification: Concrete Manufacturers & Distributors **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	485	-	501903 102348
197	**Contemporary Trade Directory Entries** Name: Solent Location: Quayside, Littlehampton, West Sussex, BN17 5DN Classification: Sand, Gravel & Other Aggregates **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	507	-	501895 102380
198	**Contemporary Trade Directory Entries** Name: Levett & Quinn Location: 17a, Connaught Road, Littlehampton, BN17 6ER Classification: Boilers - Servicing, Replacements & Repairs **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	486	-	502804 102340
198	**Contemporary Trade Directory Entries** Name: Magical Maids Location: 3, Queen Street, Littlehampton, West Sussex, BN17 6EP Classification: Cleaning Services - Domestic **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	515	-	502843 102321
199	**Contemporary Trade Directory Entries** Name: Forster Auto Centre Location: Unit 1/2, Wickham Business Centre, Harwood Road, Littlehampton, West Sussex, BN17 7AU Classification: Garage Services **Status:** **Inactive** Positional Accuracy: Manually positioned to the address or location	A18SW (NW)	497	-	502069 102557
199	**Contemporary Trade Directory Entries** Name: B C M Y Ltd Location: Unit 1, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Recycling Services **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	530	-	502037 102575
199	**Contemporary Trade Directory Entries** Name: Hi-Tech Sheet Metal Ltd Location: Unit 1, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Sheet Metal Work **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	530	-	502037 102575
199	**Contemporary Trade Directory Entries** Name: John Mitchell Racing Location: Unit 14-15, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Garage Services **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	536	-	502003 102556
199	**Contemporary Trade Directory Entries** Name: A J P Location: Fort Rd, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status:** **Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	551	-	502057 102614

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	**Contemporary Trade Directory Entries** Name: Zero Waste Recycling Location: Unit 1 Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Recycling Services **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A18SW (NW)	553	-	502019 102590
199	**Contemporary Trade Directory Entries** Name: Ajp Autos Location: Unit 1, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	553	-	502019 102590
199	**Contemporary Trade Directory Entries** Name: West End Joinery Location: Unit 2, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	559	-	502004 102586
199	**Contemporary Trade Directory Entries** Name: West End Doors Location: Unit 2, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Door Manufacturers - Industrial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	559	-	502004 102586
199	**Contemporary Trade Directory Entries** Name: Dw Autos Location: Unit 2A,Fort Rd, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	559	-	502036 102610
199	**Contemporary Trade Directory Entries** Name: Valley Coachworks Location: Unit 3, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	563	-	501996 102584
199	**Contemporary Trade Directory Entries** Name: Wheelrite Location: Arunside Indust Est,Fort Rd, Littlehampton, West Sussex, BN17 7QU Classification: Wheel Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	563	-	501995 102584
199	**Contemporary Trade Directory Entries** Name: R S G Location: Unit 6, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	564	-	502013 102600
199	**Contemporary Trade Directory Entries** Name: Roundstone Garages Ltd Location: Unit 6, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	564	-	502013 102600
199	**Contemporary Trade Directory Entries** Name: Hampton'S Body Work Repairs Location: Unit 4, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	565	-	501990 102583
199	**Contemporary Trade Directory Entries** Name: R S G Service Centre Location: Unit 6, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	565	-	502013 102600
199	**Contemporary Trade Directory Entries** Name: Profile Metal Finishing Location: Unit 4, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Metal Finishing Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	565	-	501990 102583

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
199	**Contemporary Trade Directory Entries** Name: Jendon Fabrications Location: Unit 4, Fort Road, Wick, LITTLEHAMPTON, West Sussex, BN17 7QU Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	565	-	501990 102583
199	**Contemporary Trade Directory Entries** Name: 50 3 Ltd Location: Unit 4, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Spraying - Paint & Coatings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	565	-	501990 102583
199	**Contemporary Trade Directory Entries** Name: B T A Services Location: Unit 8,Fort Rd, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	571	-	501990 102590
200	**Contemporary Trade Directory Entries** Name: Cobra Cars Location: Arundel Road, Littlehampton, West Sussex, BN17 7DE Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	498	-	502706 102497
200	**Contemporary Trade Directory Entries** Name: Cobra Cars Location: Arundel Road, Littlehampton, BN17 7DE Classification: Mot Testing Centres **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	499	-	502706 102497
201	**Contemporary Trade Directory Entries** Name: Ferrabyrne Ltd Location: Fort Road, Wick, Littlehampton, BN17 7QU Classification: Rubber & Plastic Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	502	-	502126 102596
201	**Contemporary Trade Directory Entries** Name: Pepperville House Day Hospital Location: Fort Rd, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Hospitals **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	539	-	502114 102632
201	**Contemporary Trade Directory Entries** Name: Parker Hannifin Plc Location: Fort Rd, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Hose, Tubing & Fittings **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SW (NW)	540	-	502104 102628
202	**Contemporary Trade Directory Entries** Name: P G Autos Location: Merton Dr, Littlehampton, West Sussex, BN17 7DU Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	508	-	502644 102562
203	**Contemporary Trade Directory Entries** Name: Harbour Master Office Location: Harbour Office, Pier Road, Littlehampton, West Sussex, BN17 5LR Classification: Ports, Docks & Harbours **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	513	-	502729 101766
203	**Contemporary Trade Directory Entries** Name: Fuse Logistics Location: Pier Road, Littlehampton, West Sussex, BN17 5LR Classification: Road Haulage Services **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A9NW (SE)	516	-	502754 101789
203	**Contemporary Trade Directory Entries** Name: Littlehampton Harbour Location: Harbour Office, Pier Road, LITTLEHAMPTON, West Sussex, BN17 5LR Classification: Ports, Docks & Harbours **Status: Active** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	522	-	502733 101757

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
204	**Contemporary Trade Directory Entries** Name: Interphones Location: 67a, High Street, Littlehampton, West Sussex, BN17 5EJ Classification: Mobile Phone Accessories and Car Kits **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14SW (E)	518	-	502884 102117
205	**Contemporary Trade Directory Entries** Name: Lafarge Aggregates Ltd Location: Quayside, Littlehampton, West Sussex, BN17 5DN Classification: Sand, Gravel & Other Aggregates **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A12NE (NW)	522	-	501886 102395
205	**Contemporary Trade Directory Entries** Name: Eurofinish Sussex Location: L3-L4, Unit, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Powder Coatings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	539	-	501888 102432
205	**Contemporary Trade Directory Entries** Name: Riverside Sheet Metal & Fabrication Ltd Location: Unit L2, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Sheet Metal Work **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	539	-	501895 102442
205	**Contemporary Trade Directory Entries** Name: S C W Automotive Location: Unit L3-L4 Riverside Industrial Estate,Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	540	-	501888 102432
205	**Contemporary Trade Directory Entries** Name: Grand Prix Electronics Location: Unit M1, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	543	-	501865 102401
206	**Contemporary Trade Directory Entries** Name: Gunthart & Co Ltd Location: 86 High St, Littlehampton, West Sussex, BN17 5DX Classification: Confectionery Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14SW (E)	536	-	502900 102086
206	**Contemporary Trade Directory Entries** Name: Beach Road Dry Cleaners Location: 4, Beach Road, Littlehampton, West Sussex, BN17 5HT Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	555	-	502919 102073
206	**Contemporary Trade Directory Entries** Name: Coopers Cleaning Services Location: 79, High Street, Littlehampton, West Sussex, BN17 5AG Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	574	-	502940 102114
206	**Contemporary Trade Directory Entries** Name: Paul Ryan Uk Ltd Location: Lloyds Bank Chambers,90 High Street, Littlehampton, West Sussex, BN17 5AG Classification: French Polishing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	575	-	502940 102093
206	**Contemporary Trade Directory Entries** Name: Alpha Catering Equipment Ltd Location: Lloyds Bank Chambers, High Street, Littlehampton, West Sussex, BN17 5AG Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	580	-	502946 102115

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
206	**Contemporary Trade Directory Entries** Name: Mcb Components Ltd Location: Lloyds Bank Chambers, High Street, Littlehampton, West Sussex, BN17 5AG Classification: Distribution Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	580	-	502946 102115
206	**Contemporary Trade Directory Entries** Name: Electech Services Location: 8 Ocean House 16-18 Beach rd, Littlehampton, West Sussex, BN17 5HT Classification: Electrical Engineers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A14SW (E)	581	-	502939 102029
206	**Contemporary Trade Directory Entries** Name: Hygiene Express Location: 9-11, Beach Road, Littlehampton, West Sussex, BN17 5HZ Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	595	-	502956 102051
206	**Contemporary Trade Directory Entries** Name: Coastline Cleaning Co Location: 9-11, Beach Road, Littlehampton, West Sussex, BN17 5HZ Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	595	-	502956 102051
206	**Contemporary Trade Directory Entries** Name: Hygiene Express Location: 9-11, Beach Road, Littlehampton, West Sussex, BN17 5HZ Classification: Cleaning Materials & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	595	-	502956 102051
207	**Contemporary Trade Directory Entries** Name: A D R Fastlec Location: Unit M4, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	552	-	501849 102389
208	**Contemporary Trade Directory Entries** Name: Ethos Recycling Location: Unit A, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Medical Waste Disposal **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	558	-	502094 102643
208	**Contemporary Trade Directory Entries** Name: Medisort Location: Unit A, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Medical Waste Disposal **Status: Active** Positional Accuracy: Automatically positioned to the address	A18SW (NW)	558	-	502094 102643
209	**Contemporary Trade Directory Entries** Name: Niall Cars Location: Unit 5, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	569	-	501981 102580
209	**Contemporary Trade Directory Entries** Name: Deep South Land Rovers Location: Unit 5, Fort Road, Wick, Littlehampton, BN17 7QU Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	569	-	501981 102580
209	**Contemporary Trade Directory Entries** Name: Classic Mini'S Location: Unit 5, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Car Dealers - Used **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	569	-	501981 102580

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
209	**Contemporary Trade Directory Entries** Name: Naill Location: Unit 10, Fort Road, Wick, Littlehampton, West Sussex, BN17 7QU Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	581	-	501977 102592
210	**Contemporary Trade Directory Entries** Name: Ats Euromaster Ltd Location: Church Street, Littlehampton, West Sussex, BN17 5AH Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	569	-	502935 102131
210	**Contemporary Trade Directory Entries** Name: Blue Frog Cleaning Services Location: Gratwicke House, 10, East Street, Littlehampton, BN17 6AW Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	575	-	502939 102173
210	**Contemporary Trade Directory Entries** Name: M J S Auto & Marine Location: Littlehampton, BN17 5AH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	579	-	502945 102136
210	**Contemporary Trade Directory Entries** Name: A & A Cleaning Services Location: 2, Manor Parade Flats, Church Street, LITTLEHAMPTON, West Sussex, BN17 5AJ Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SW (E)	589	-	502956 102119
211	**Contemporary Trade Directory Entries** Name: Traffic Shepherd Location: 45, Queen Street, Littlehampton, West Sussex, BN17 6EP Classification: Furniture - Repairing & Restoring **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	577	-	502866 102416
212	**Contemporary Trade Directory Entries** Name: R W Masters Location: Unit A1-A2, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	584	-	501892 102512
212	**Contemporary Trade Directory Entries** Name: Pump Engineering Ltd Location: Unit B1, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Pumps - Sales, Servicing & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	616	-	501868 102533
212	**Contemporary Trade Directory Entries** Name: Printline Location: Unit C3, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	622	-	501844 102513
212	**Contemporary Trade Directory Entries** Name: Auto Repairs & Recovery Location: Unit C1, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	628	-	501857 102538
212	**Contemporary Trade Directory Entries** Name: Auto Repairs & Recovery Location: Unit C1, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	628	-	501857 102538

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
212	**Contemporary Trade Directory Entries** Name: Auto Repairs & Recovery Location: Unit C1, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	628	-	501857 102538
212	**Contemporary Trade Directory Entries** Name: Auto Repairs & Recovery Location: Unit C1, Riverside Industrial Estate, Bridge Road, LITTLEHAMPTON, West Sussex, BN17 5DF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	628	-	501857 102538
212	**Contemporary Trade Directory Entries** Name: Auto Repairs & Recovery Location: Unit C1, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	628	-	501857 102538
212	**Contemporary Trade Directory Entries** Name: Tyre Factory Location: Unit D3-D4, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Tyre Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	652	-	501817 102527
212	**Contemporary Trade Directory Entries** Name: Merlin Artetch Ltd Location: Unit D3-D4, Riverside Industrial Estate, Bridge Road, LITTLEHAMPTON, West Sussex, BN17 5DF Classification: Printed Circuit Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	652	-	501817 102527
212	**Contemporary Trade Directory Entries** Name: T Factory Ltd Location: Unit D3 Riverside Industrial Estate,Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Tyre Dealers **Status: Active** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	652	-	501817 102527
212	**Contemporary Trade Directory Entries** Name: Willcox & King Engineering Ltd Location: Unit D1-D2, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Car Customisation & Conversion Specialists **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	656	-	501828 102546
213	**Contemporary Trade Directory Entries** Name: Cushy Motors Location: 1, Victoria Gardens, Clifton Road, Littlehampton, BN17 5LU Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9NW (SE)	594	-	502790 101713
214	**Contemporary Trade Directory Entries** Name: Littlehampton Fantastic Cleaners Location: 37, East Street, Littlehampton, West Sussex, BN17 6AU Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	597	-	502952 102244
214	**Contemporary Trade Directory Entries** Name: Littlehampton Cleaners Location: 37, East Street, Littlehampton, West Sussex, BN17 6AU Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	597	-	502952 102244

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
215	**Contemporary Trade Directory Entries** Name: R P Aero Systems Location: Unit W, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Glass Fibre Moulding, Materials & Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	605	-	501817 102441
215	**Contemporary Trade Directory Entries** Name: Fencourt Printers Ltd Location: Unit K, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	618	-	501816 102464
215	**Contemporary Trade Directory Entries** Name: Bay Print Location: Unit K, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	618	-	501816 102464
215	**Contemporary Trade Directory Entries** Name: R S F Container Sales & Hire Location: Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Blacksmiths & Forgemasters **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	618	-	501816 102464
215	**Contemporary Trade Directory Entries** Name: Fencourt Printers Location: Unit K, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	618	-	501816 102464
216	**Contemporary Trade Directory Entries** Name: Ortronics Location: 22, Roman Acre, Wick, Littlehampton, West Sussex, BN17 7HN Classification: Electronic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	619	-	502444 102760
217	**Contemporary Trade Directory Entries** Name: Arun Grinding Services Location: Unit R6, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Tool Sharpening, Repairing & Servicing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	621	-	501762 102367
217	**Contemporary Trade Directory Entries** Name: T W S Location: Unit R5, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Temperature Monitoring Systems Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (W)	621	-	501765 102372
217	**Contemporary Trade Directory Entries** Name: Arun Grinding Services Ltd Location: Unit R6, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Tool Sharpening, Repairing & Servicing **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (W)	621	-	501762 102367
217	**Contemporary Trade Directory Entries** Name: Phoenix Frozen Foods Location: Unit R1, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Frozen Food Processors & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	622	-	501777 102404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
217	**Contemporary Trade Directory Entries** Name: Riverside Precision Location: Unit R3-R4, Riverside Industrial Estate, Bridge Road, LITTLEHAMPTON, West Sussex, BN17 5DF Classification: Precision Engineers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	622	-	501768 102381
217	**Contemporary Trade Directory Entries** Name: Medata Systems Ltd Location: Unit U2, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	631	-	501762 102390
217	**Contemporary Trade Directory Entries** Name: Fuller Location: Unit P4, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Blacksmiths & Forgemasters **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	631	-	501762 102390
218	**Contemporary Trade Directory Entries** Name: B M W Location: Beach Rd, Littlehampton, West Sussex, BN17 5JA Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14SW (E)	634	-	502983 101982
219	**Contemporary Trade Directory Entries** Name: Urbane Performance Technologies Ltd Location: Riverside Ind Est,Bridge Rd, Littlehampton, West Sussex, BN17 5DF Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A12NE (NW)	645	-	501778 102454
219	**Contemporary Trade Directory Entries** Name: Excellon (Uk) Location: U3-U4, Unit, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printed Circuit Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	674	-	501745 102454
219	**Contemporary Trade Directory Entries** Name: A E Haxton Ltd Location: Unit U6, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A12NE (NW)	674	-	501745 102454
219	**Contemporary Trade Directory Entries** Name: Fd Electronics Ltd Location: Unit U1, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Electronic Equipment - Manufacturers & Assemblers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	683	-	501754 102488
220	**Contemporary Trade Directory Entries** Name: City Contract Cleaning Ltd Location: 41b, Beach Road, Littlehampton, West Sussex, BN17 5JA Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	647	-	502998 101990
220	**Contemporary Trade Directory Entries** Name: Tyrrell Autos Ltd Location: Church Approach, Littlehampton, West Sussex, BN17 5EH Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14SW (E)	664	-	503021 102020
221	**Contemporary Trade Directory Entries** Name: C L Services Location: 89, Queen Street, Littlehampton, BN17 6EL Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	670	-	502895 102540

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
222	**Contemporary Trade Directory Entries** Name: Automobile Services Littlehampton Location: Unit F, Block B, Arndale Road, Wick, Littlehampton, BN17 7GA Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	684	-	501972 102717
222	**Contemporary Trade Directory Entries** Name: Solitek Location: Unit K, Block B, Arndale Road, Wick, Littlehampton, BN17 7GA Classification: Electronic Component Manufacturers & Distributors **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	684	-	501981 102723
222	**Contemporary Trade Directory Entries** Name: Automobile Services Location: Unit F, Block B, Arndale Road, Wick, Littlehampton, BN17 7GA Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	684	-	501972 102717
222	**Contemporary Trade Directory Entries** Name: G R Autos Location: Unit F, Block B, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7GA Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	684	-	501971 102717
223	**Contemporary Trade Directory Entries** Name: Merlin Flexible Circuits Location: Unit F-h, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printed Circuit Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	692	-	501793 102562
223	**Contemporary Trade Directory Entries** Name: Southern Manufacturing Services Ltd Location: Unit F, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Sheet Metal Work **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	693	-	501793 102562
224	**Contemporary Trade Directory Entries** Name: Cobwebs Quality Cleaning Location: 9, Goda Road, Littlehampton, West Sussex, BN17 6AS Classification: Commercial Cleaning Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NE (E)	700	-	503060 102216
224	**Contemporary Trade Directory Entries** Name: Cobwebs Quality Cleaning Location: 9, Goda Road, Littlehampton, West Sussex, BN17 6AS Classification: Commercial Cleaning Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	700	-	503060 102216
225	**Contemporary Trade Directory Entries** Name: Hammond Location: 97, Wick Farm Road, Wick, LITTLEHAMPTON, West Sussex, BN17 7HJ Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	702	-	502532 102825
226	**Contemporary Trade Directory Entries** Name: L A Ceramics Location: 5, Goda Road, Littlehampton, West Sussex, BN17 6AS Classification: Ceramic Manufacturers, Supplies & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NE (E)	705	-	503063 102236
226	**Contemporary Trade Directory Entries** Name: Profile Metal Finishing Location: Goda Ct,Goda Rd, Littlehampton, West Sussex, BN17 6AS Classification: Metal Finishing Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NE (E)	747	-	503104 102248

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
227	**Contemporary Trade Directory Entries** Name: Jewson Location: Block A, Arndale Road, Wick, Littlehampton, BN17 7GA Classification: Builders' Merchants **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	713	-	501893 102694
227	**Contemporary Trade Directory Entries** Name: Build Center Location: Block A, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7GA Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	713	-	501893 102694
228	**Contemporary Trade Directory Entries** Name: Bay Studio Location: Unit N4, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Screen Process Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	735	-	501690 102481
228	**Contemporary Trade Directory Entries** Name: Maidment Tankers Location: Unit N8, Riverside Industrial Estate, Bridge Road, Littlehampton, BN17 5DF Classification: Commercial Vehicle Bodybuilders & Repairers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	736	-	501712 102522
228	**Contemporary Trade Directory Entries** Name: H S L Tank Services Ltd Location: Unit N8, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Tanks, Vats & Cisterns **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	736	-	501712 102522
228	**Contemporary Trade Directory Entries** Name: Stockley Outdoor & Equestrian Location: Unit N10-N11, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Waterproof Clothing & Rainwear **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	738	-	501719 102535
228	**Contemporary Trade Directory Entries** Name: Charnocks Automotive Location: Unit N3, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	741	-	501685 102484
228	**Contemporary Trade Directory Entries** Name: Cryogenesis Location: Unit N1-N2, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Blast Cleaning Equipment Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	744	-	501688 102496
228	**Contemporary Trade Directory Entries** Name: Filofax Manufacturing & Logistics Location: Unit N2, Riverside Industrial Estate, Bridge Road, Littlehampton, West Sussex, BN17 5DF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	745	-	501682 102487
229	**Contemporary Trade Directory Entries** Name: Downlands Machines Location: 27, Church Street, Littlehampton, West Sussex, BN17 5EN Classification: Vacuum Cleaners - Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	738	-	503104 102129
230	**Contemporary Trade Directory Entries** Name: Devil Developments Ltd Location: Unit P, Block B, Arndale Road, Wick, Littlehampton, BN17 7GA Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	739	-	501949 102768

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
231	**Contemporary Trade Directory Entries** Name: Dairy Crest Location: Wick Farm, Arundel Road, Littlehampton, West Sussex, BN17 7DH Classification: Dairies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	744	-	502589 102852
232	**Contemporary Trade Directory Entries** Name: Plumett Ltd Location: 1-2, Lineside Way, Wick, Littlehampton, West Sussex, BN17 7EH Classification: Engineers - General **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	787	-	501969 102837
232	**Contemporary Trade Directory Entries** Name: Finecast Location: 2, Lineside Way, Wick, Littlehampton, West Sussex, BN17 7EH Classification: Die-Casting Equipment & Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	787	-	501969 102837
232	**Contemporary Trade Directory Entries** Name: Plumett Ltd Location: 1-2, Lineside Way, Wick, Littlehampton, BN17 7EH Classification: Mechanical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	788	-	501969 102837
232	**Contemporary Trade Directory Entries** Name: Butterfly Soft Laundry Location: 17, Egan Way, Littlehampton, West Sussex, BN17 7EF Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	805	-	501985 102864
233	**Contemporary Trade Directory Entries** Name: Moore Engineering Ltd Location: 3, Lineside Way, Wick, Littlehampton, West Sussex, BN17 7EH Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	798	-	501910 102813
233	**Contemporary Trade Directory Entries** Name: Sussex Supplies Location: Unit 4, Amdale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Catering Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	824	-	501909 102843
234	**Contemporary Trade Directory Entries** Name: Littlehampton Hospital Location: Fitzalan Road, Littlehampton, West Sussex, BN17 5EU Classification: Hospitals **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14SE (E)	800	-	503162 102050
235	**Contemporary Trade Directory Entries** Name: Currys Pc World Location: Unit 2, Broad Piece, Littlehampton, West Sussex, BN17 5RA Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	801	-	501753 102682
235	**Contemporary Trade Directory Entries** Name: Currys Location: Unit 2, Broad Piece, Littlehampton, West Sussex, BN17 5RA Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	801	-	501753 102682
236	**Contemporary Trade Directory Entries** Name: Littlehampton Service Centre Location: 11d, Lineside Way, Wick, Littlehampton, West Sussex, BN17 7EH Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	822	-	501828 102782
236	**Contemporary Trade Directory Entries** Name: Arun Allclear Location: 11d, Lineside Way, Wick, Littlehampton, West Sussex, BN17 7EH Classification: Waste Disposal Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	822	-	501828 102782

Industrial Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
236	**Contemporary Trade Directory Entries** Name: Westrock Ltd Location: Unit 12, Amdale Road, Wick, Littlehampton, BN17 7HD Classification: Packaging Materials Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	846	-	501820 102807
237	**Contemporary Trade Directory Entries** Name: South Coast Minis Location: Whitelea Rd, Wick, Littlehampton, West Sussex, BN17 7JL Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18NE (N)	833	-	502580 102948
237	**Contemporary Trade Directory Entries** Name: Scutt & Underwood Location: 9a, Whitelea Road, Wick, Littlehampton, West Sussex, BN17 7JL Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	871	-	502575 102989
237	**Contemporary Trade Directory Entries** Name: J Ds Location: 14, West Way, Wick, Littlehampton, West Sussex, BN17 7LY Classification: Car Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	892	-	502560 103015
238	**Contemporary Trade Directory Entries** Name: Tesco Petrol Filling Station Location: Broad Piece, Littlehampton, West Sussex, BN17 5RA Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17SE (NW)	838	-	501690 102666
239	**Contemporary Trade Directory Entries** Name: A D M Precision Engineers Location: Unit 6a, Amdale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Valve Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	851	-	501918 102881
240	**Contemporary Trade Directory Entries** Name: Baker Press Ltd Location: A, 30, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JH Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	869	-	502659 102960
240	**Contemporary Trade Directory Entries** Name: H D White Location: 42, Wick Street, Wick, Littlehampton, West Sussex, BN17 7JH Classification: Scrap Metal Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	895	-	502687 102977
241	**Contemporary Trade Directory Entries** Name: West Sussex Rolling Road Location: Unit P,Amdale Rd, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	897	-	501812 102865
241	**Contemporary Trade Directory Entries** Name: Builder Center Location: Unit 6,Amdale Rd, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A17NE (NW)	906	-	501825 102886
242	**Contemporary Trade Directory Entries** Name: Victor Engineering Co Location: Unit 6D, Amdale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	899	-	501887 102918
242	**Contemporary Trade Directory Entries** Name: Sharps Location: Unit 6e, Amdale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Precision Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	915	-	501884 102935

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
242	**Contemporary Trade Directory Entries** Name: Greenhill Finishers Location: Unit, 5c-5d, Arndale Road, Wick, Littlehampton, BN17 7HD Classification: Powder Coatings **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	916	-	501857 102919
242	**Contemporary Trade Directory Entries** Name: A & L Commercials Location: Unit 6F, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	930	-	501878 102948
242	**Contemporary Trade Directory Entries** Name: P R & Sons Grab Hire Location: Unit 6F, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Road Haulage Services **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	930	-	501878 102948
243	**Contemporary Trade Directory Entries** Name: Acell Technology Location: Unit 15-16, Arndale Road, Wick, LITTLEHAMPTON, West Sussex, BN17 7HD Classification: Door Manufacturers - Domestic **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	906	-	501766 102839
244	**Contemporary Trade Directory Entries** Name: P C Electronics Ltd Location: Unit 18/19, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Printed Circuit Manufacturers **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	955	-	501770 102906
244	**Contemporary Trade Directory Entries** Name: Lascon Fabrications Ltd Location: Unit 18 Arndale Rd, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Sheet Metal Work **Status:** **Inactive** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	958	-	501752 102896
244	**Contemporary Trade Directory Entries** Name: Advanced Materials Ltd Location: Unit 17, Arndale Road, Wick, LITTLEHAMPTON, West Sussex, BN17 7HD Classification: Rubber & Plastic Products - Manufacturers **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	962	-	501734 102886
244	**Contemporary Trade Directory Entries** Name: Silicon Extrusions Ltd Location: Unit 17, Arndale Road, Wick, Littlehampton, West Sussex, BN17 7HD Classification: Hose, Tubing & Fittings **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	962	-	501734 102886
244	**Contemporary Trade Directory Entries** Name: S I Protech Uk Ltd Location: Unit 20-23, Eldon Way, Wick, Littlehampton, West Sussex, BN17 7HE Classification: Plastics - Injection Moulding **Status:** **Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	981	-	501767 102936
244	**Contemporary Trade Directory Entries** Name: S I Protech (Uk) Ltd Location: Unit 20-23, Eldon Way, Wick, Littlehampton, West Sussex, BN17 7HE Classification: Plastics - Injection Moulding **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	981	-	501767 102936
245	**Contemporary Trade Directory Entries** Name: S G Tank Insulation Location: 6, Sussex Street, Wick, Littlehampton, West Sussex, BN17 6JD Classification: Tank Cleaning & Repairing **Status:** **Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	980	-	502797 103020

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
246	**Fuel Station Entries** Name: Tesco Littlehampton Location: Broadpiece , , Littlehampton, West Sussex, BN17 5RA Brand: TESCO Premises Type: Hypermarket **Status:** **Open** Positional Accuracy: Manually positioned to the address or location	A17SW (NW)	930	-	501639 102748

ARUN DISTRICT COUNCIL LU/247/20/PL

Sensitive Land Use

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	**Local Nature Reserves** Name: West Beach Multiple Area: N Area (m2): 156642.3 Source: Natural England Designation Date: 1st January 1993	A9NW (SE)	738	9	502714 101473
248	**Sites of Special Scientific Interest** Name: Climping Beach Multiple Areas: N Total Area (m2): 320640.59 Source: Natural England Reference: 1004174 Designation Details: Local Nature Reserve Designation Date: 1st November 1985 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 1st November 1985 Date Type: Notified	A8SE (S)	949	9	502446 101173

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Arun District Council - Environmental Health Department	December 2019	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Discharge Consents		
Environment Agency - Southern Region	April 2020	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls		
Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control		
Environment Agency - South East Region - Solent & South Downs Area	April 2020	Quarterly
Environment Agency - Southern Region	April 2020	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Arun District Council - Environmental Health Department	December 2014	Variable
Local Authority Pollution Prevention and Controls		
Arun District Council - Environmental Health Department	December 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Arun District Council - Environmental Health Department	December 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	May 2020	
Pollution Incidents to Controlled Waters		
Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters		
Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances		
Environment Agency - Southern Region	June 2016	
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - South East Region - Solent & South Downs Area	April 2020	Quarterly
Environment Agency - Southern Region - Solent and South Downs	April 2020	Quarterly
Environment Agency - Southern Region - Sussex Area	April 2020	Quarterly
Water Abstractions		
Environment Agency - Southern Region	April 2020	Quarterly
Water Industry Act Referrals		
Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map		
Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk		
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually

ARUN DISTRICT COUNCIL LU/247/20/PL

Agency & Hydrological	Version	Update Cycle
Source Protection Zones		
Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2020	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	February 2020	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	February 2020	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	February 2020	Quarterly
Flood Defences		
Environment Agency - Head Office	February 2020	Quarterly
OS Water Network Lines		
Ordnance Survey	March 2020	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - South East Region - Solent & South Downs Area	April 2020	Quarterly
Environment Agency - Southern Region - Solent and South Downs	April 2020	Quarterly
Environment Agency - Southern Region - Sussex Area	April 2020	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - South East Region - Solent & South Downs Area	April 2020	Quarterly
Environment Agency - Southern Region - Solent and South Downs	April 2020	Quarterly
Environment Agency - Southern Region - Sussex Area	April 2020	Quarterly
Local Authority Landfill Coverage		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Arun District Council - Technical Support Unit	May 2000	Not Applicable
West Sussex County Council - Environment & Development	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - Southern Region - Solent and South Downs	March 2003	Not Applicable
Environment Agency - Southern Region - Sussex Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Arun District Council - Technical Support Unit	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Planning Hazardous Substance Consents		
Arun District Council - Technical Support Unit	February 2016	Variable
West Sussex County Council - Environment & Development	October 2006	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually

Data Currency

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2020	Quarterly
Gas Pipelines National Grid	July 2014	
Underground Electrical Cables National Grid	October 2019	
Sensitive Land Use	**Version**	**Update Cycle**
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Arun District Council - Technical Support Unit South Downs National Park	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Arun District Council - Technical Support Unit South Downs National Park	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

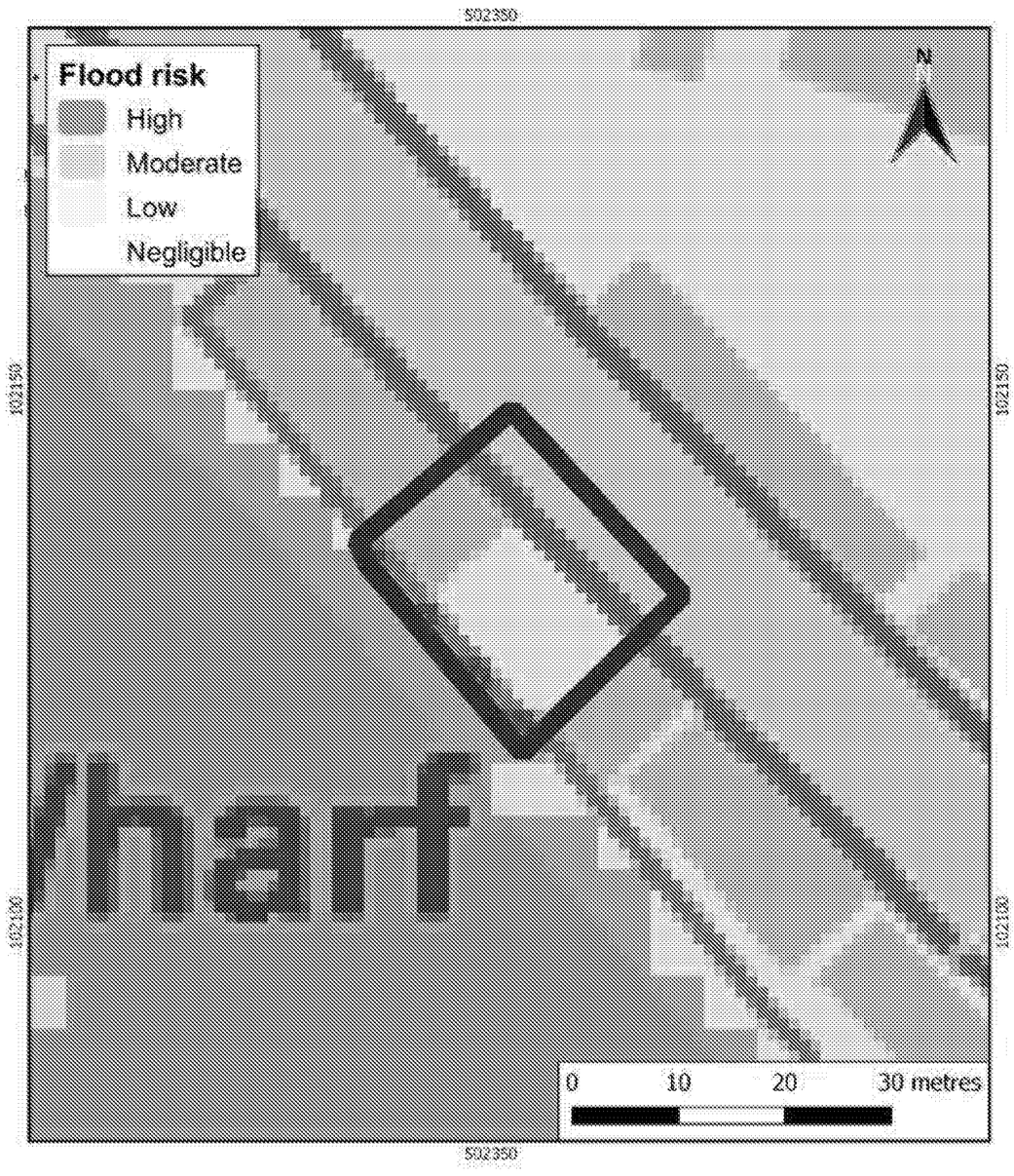
ARUN DISTRICT COUNCIL LU/247/20/PL

Useful Contacts

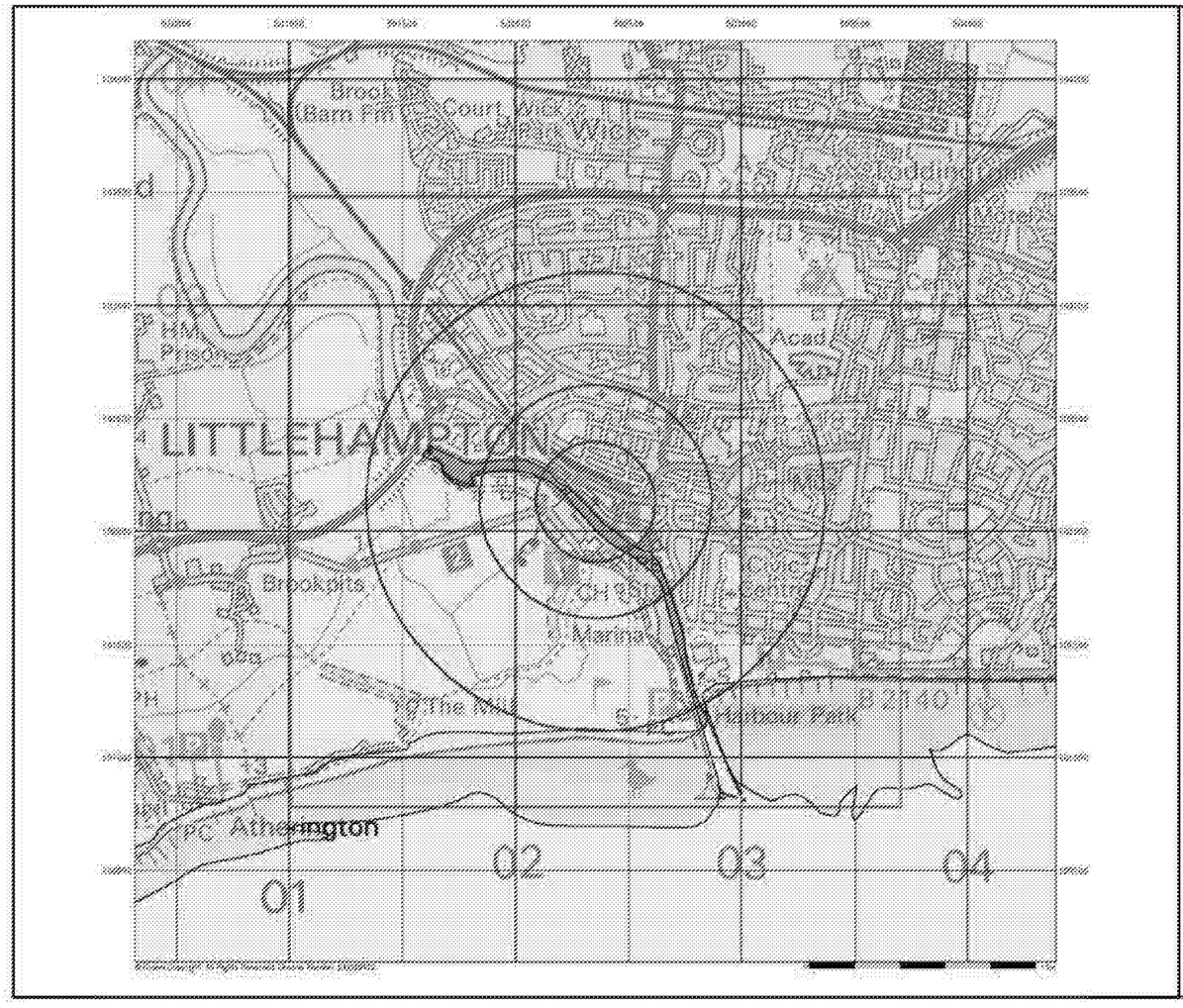
Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	
2	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	
3	**Arun District Council - Environmental Health Department** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
4	**Environment Agency - Head Office** Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	
6	**Arun District Council - Technical Support Unit** Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
7	**West Sussex County Council - Environment & Development** County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	
8	**Health and Safety Executive** 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	
9	**Natural England** County Hall, Spetchley Road, Worcester, WR5 2NP	
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	

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

GeoSmart GW5 Groundwater Flood Risk Map V2.3



ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

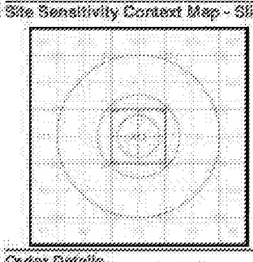
Groundwater Vulnerability

General

Agency and Hydrological

Bedrock Aquifers	Superficial Aquifers
High Vulnerability, Principal Aquifer	High Vulnerability, Principal Aquifer
High Vulnerability, Secondary Aquifer	High Vulnerability, Secondary Aquifer
Medium Vulnerability, Principal Aquifer	Medium Vulnerability, Principal Aquifer
Medium Vulnerability, Secondary Aquifer	Medium Vulnerability, Secondary Aquifer
Low Vulnerability, Principal Aquifer	Low Vulnerability, Principal Aquifer
Low Vulnerability, Secondary Aquifer	Low Vulnerability, Secondary Aquifer

Site Sensitivity Context Map - Slice A



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Customer Ref:	68163.526
National Grid Reference:	502350, 102130
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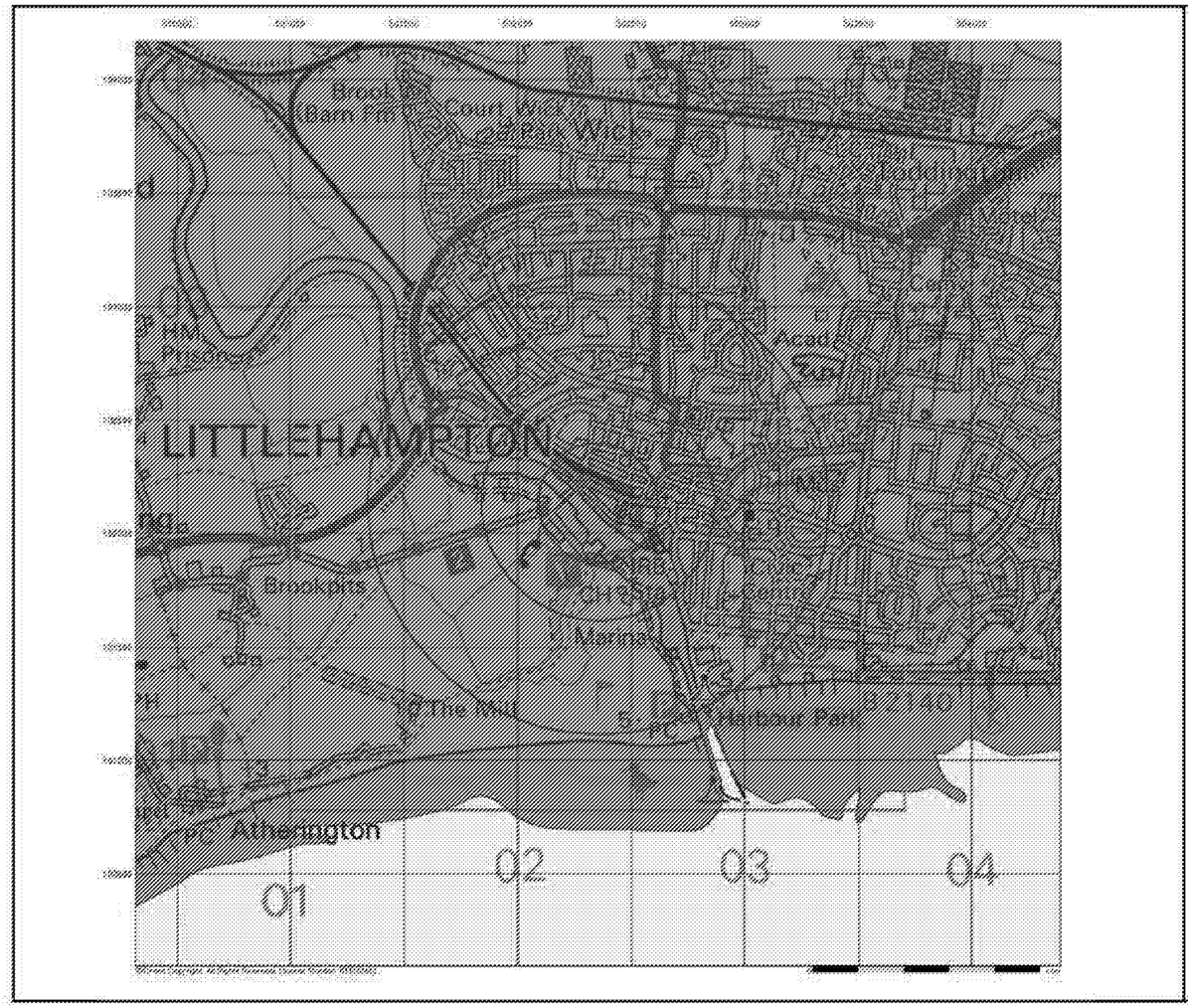
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark



GeoSmart

Bedrock Aquifer Designation

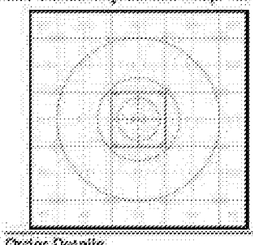
General

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



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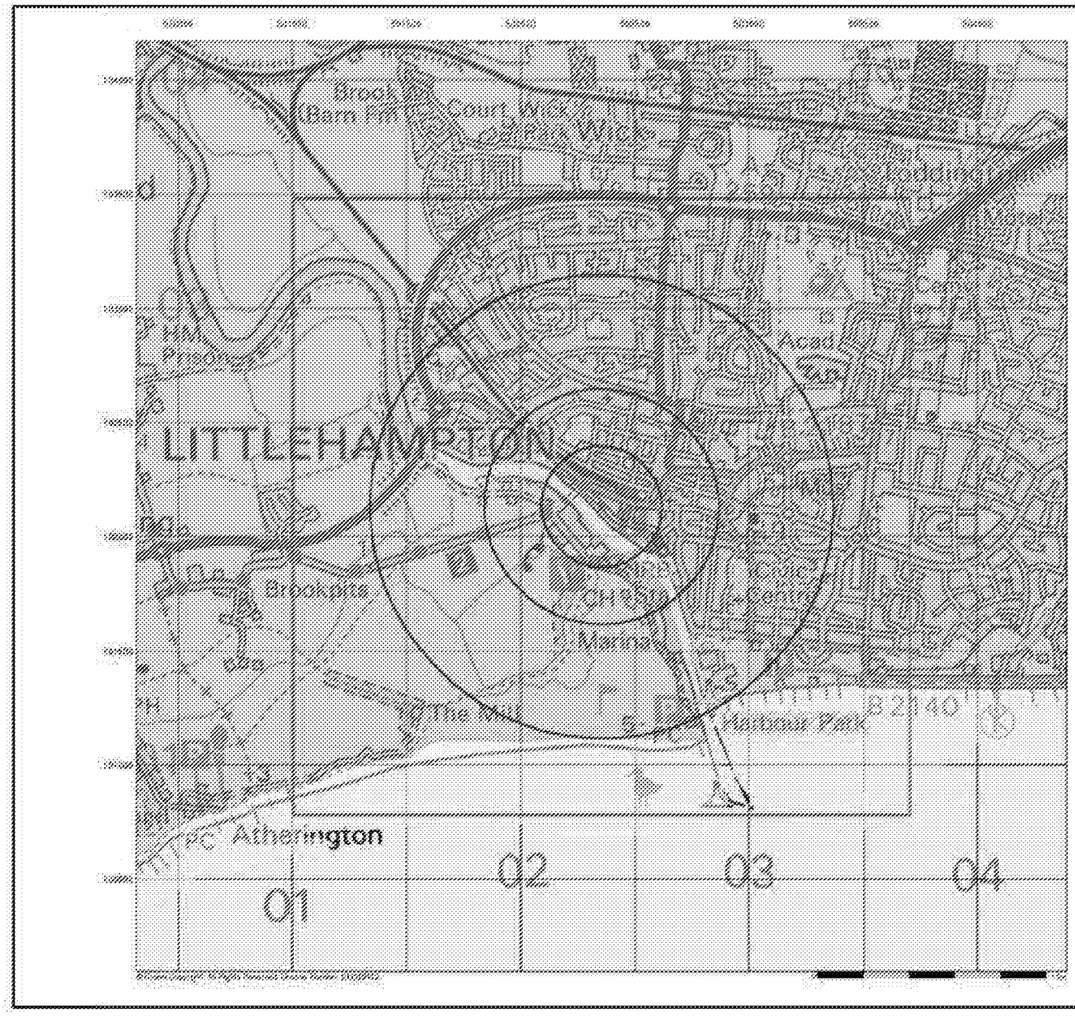
Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

Superficial Aquifer Designation

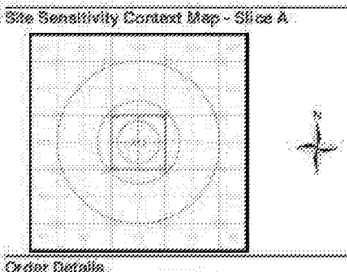
General

Agency and Hydrological

Geological Classes

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

Site Sensitivity Context Map - Slice A



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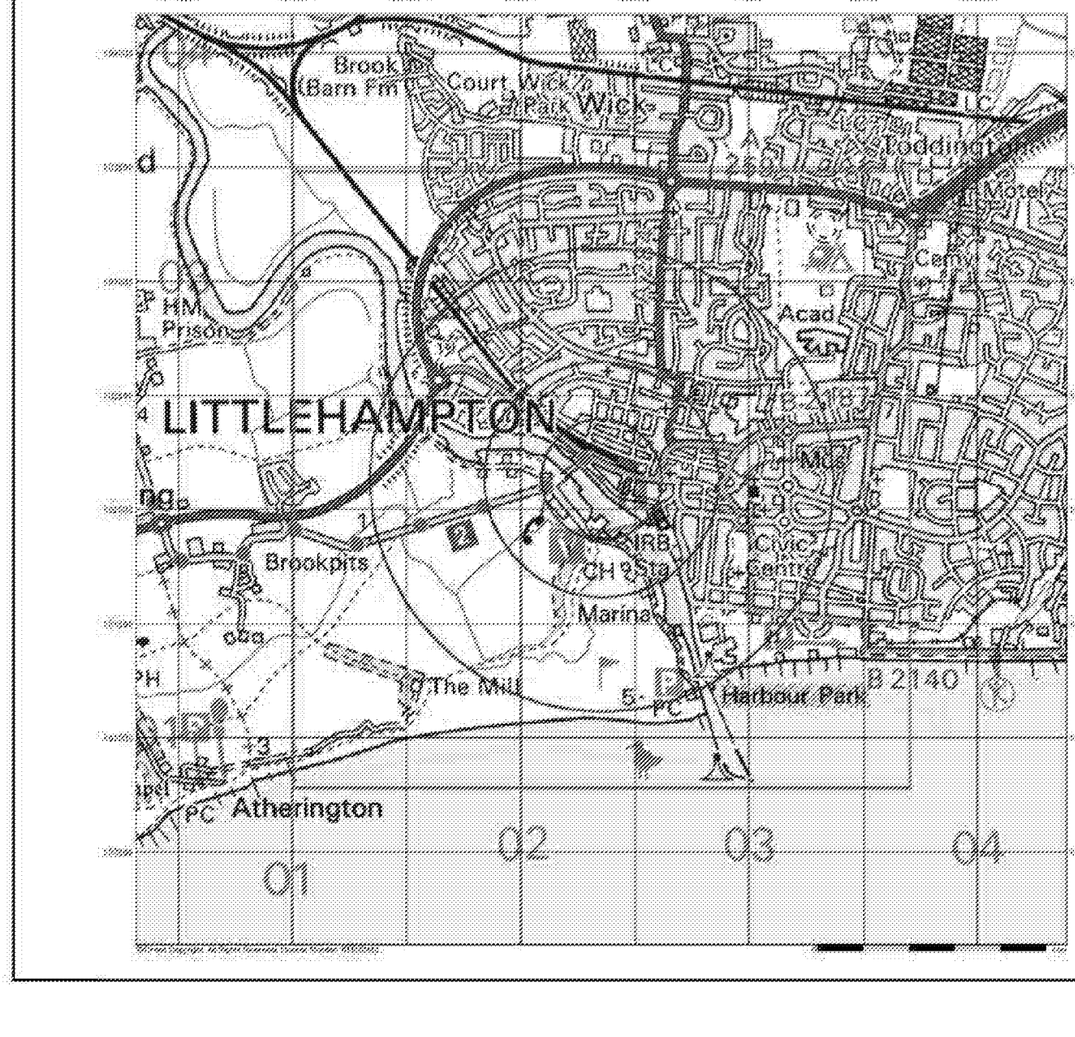
Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark



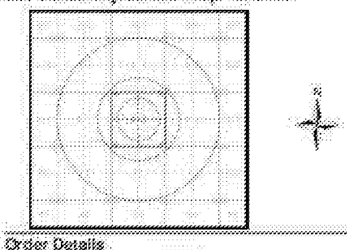
GeoSmart

Source Protection Zones

General

Agency and Hydrological

Site Sensitivity Context Map - Slice A



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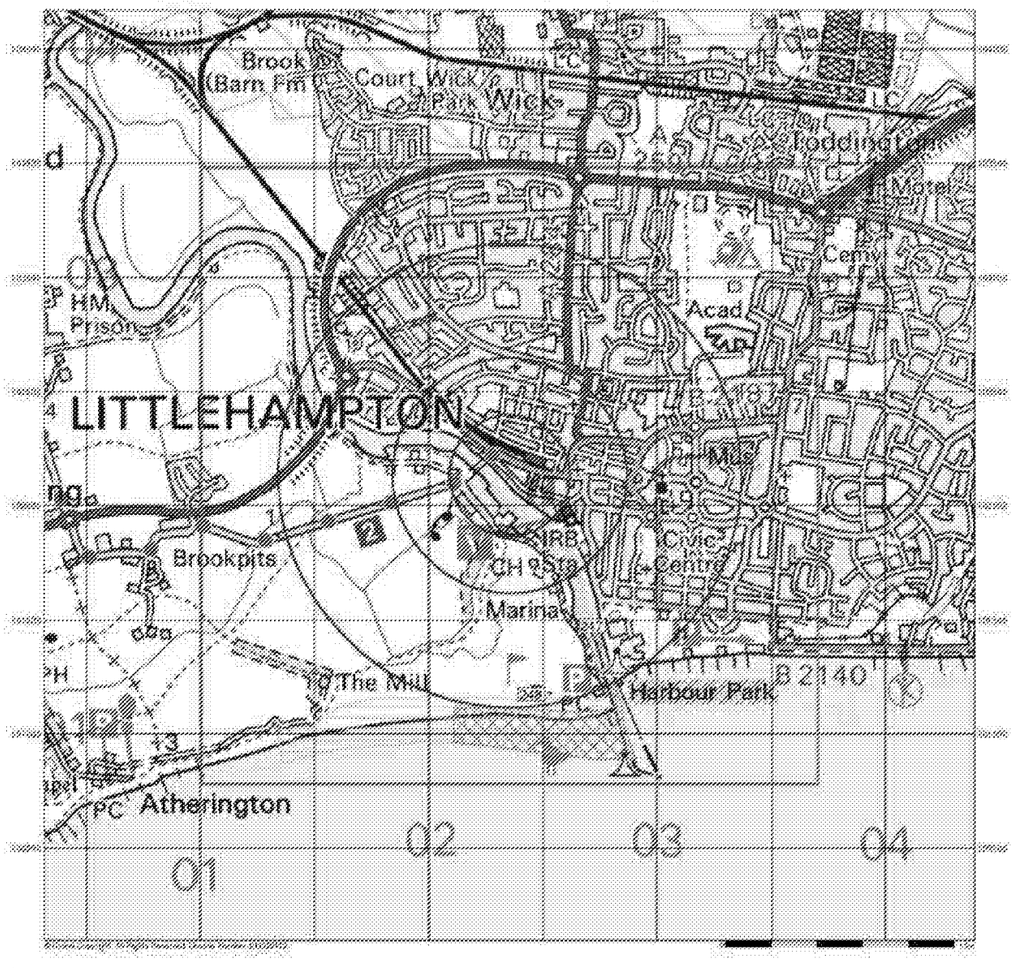
Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



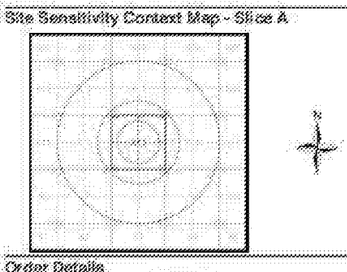
GeoSmart

Sensitive Land Uses

General

Sensitive Land Uses

Site Sensitivity Context Map - Slice A



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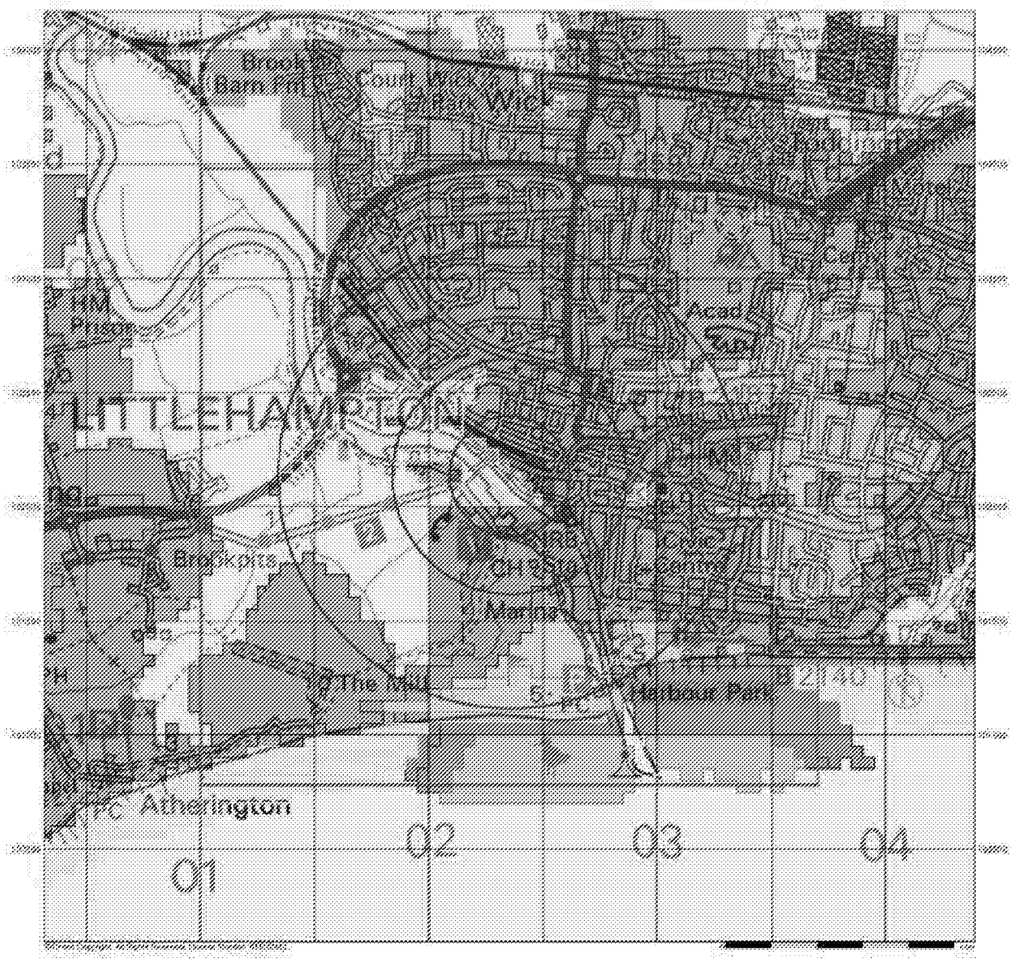
Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark



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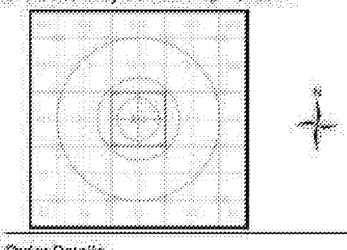
BGS Flood GFS Data

General

Agency and Hydrological (Flood)

Site Sensitivity Context Map - Slice A



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Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL

Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

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

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	RBD1	Raised Beach Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RMD	Raised Marine Deposits	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	BSA	Blown Sand	Sand	Not Supplied - Quaternary
	STDB	Storm Beach Deposits	Gravel	Not Supplied - Quaternary
	BTFU	Beach and Tidal Flat Deposits (Undifferentiated)	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MCK	Newhaven Chalk Formation	Chalk	Not Supplied - Santonian
	SECK	Seaford Chalk Formation	Chalk	Not Supplied - Coniacian
	LPCK	Lower Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Turonian
	MPCH	Apuldram Chalk Formation	Chalk	Not Supplied - Turonian

GeoSmart

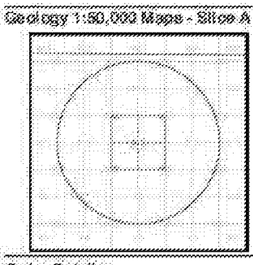
Geology 1:50,000 Maps

This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. The mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and made deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the first 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, an availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Man ID:	1
Map Sheet No:	332
Sheet Name:	Littlehampton and
Map Date:	1999
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Boreholes:	Not Supplied

Geology 1:50,000 Maps - Slice A



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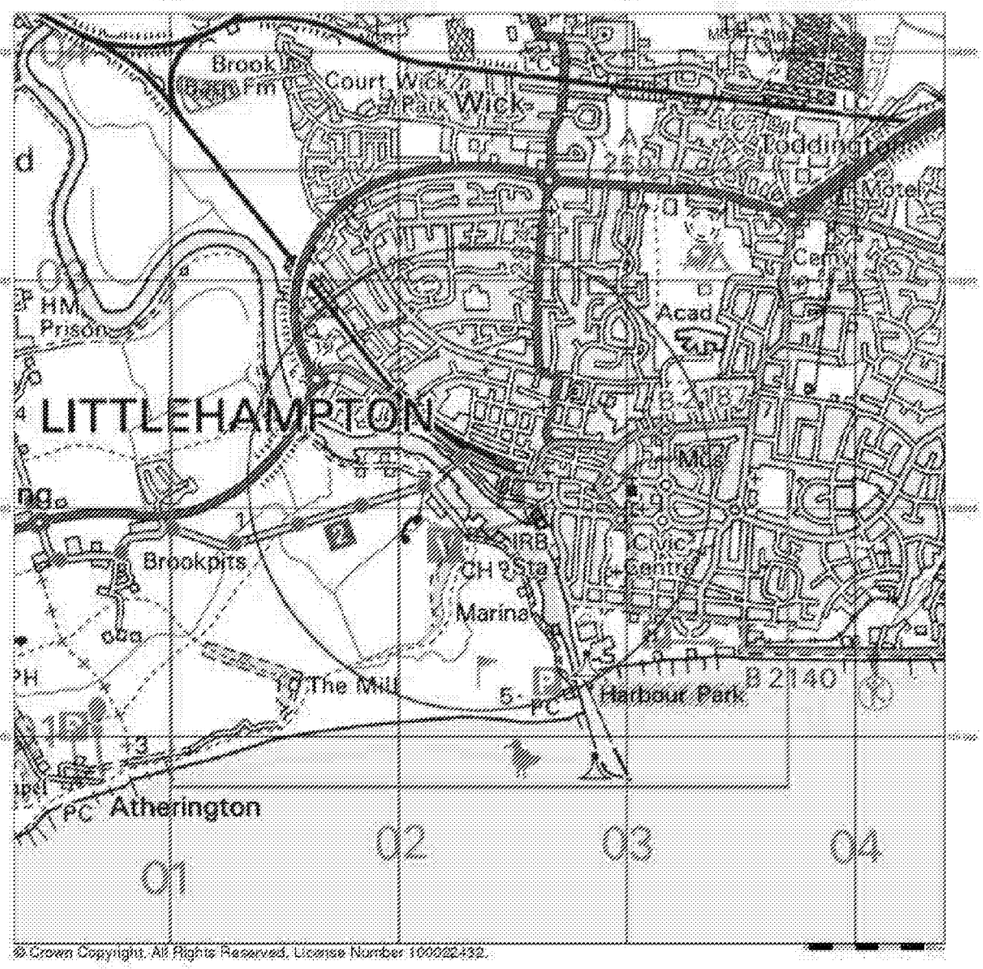
Search Buffer (m):	1000

Site Details:

57 River Road, Littlehampton, BN17 5BF

Landmark



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GeoSmart

Artificial Ground and Landslip

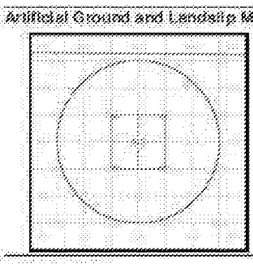
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



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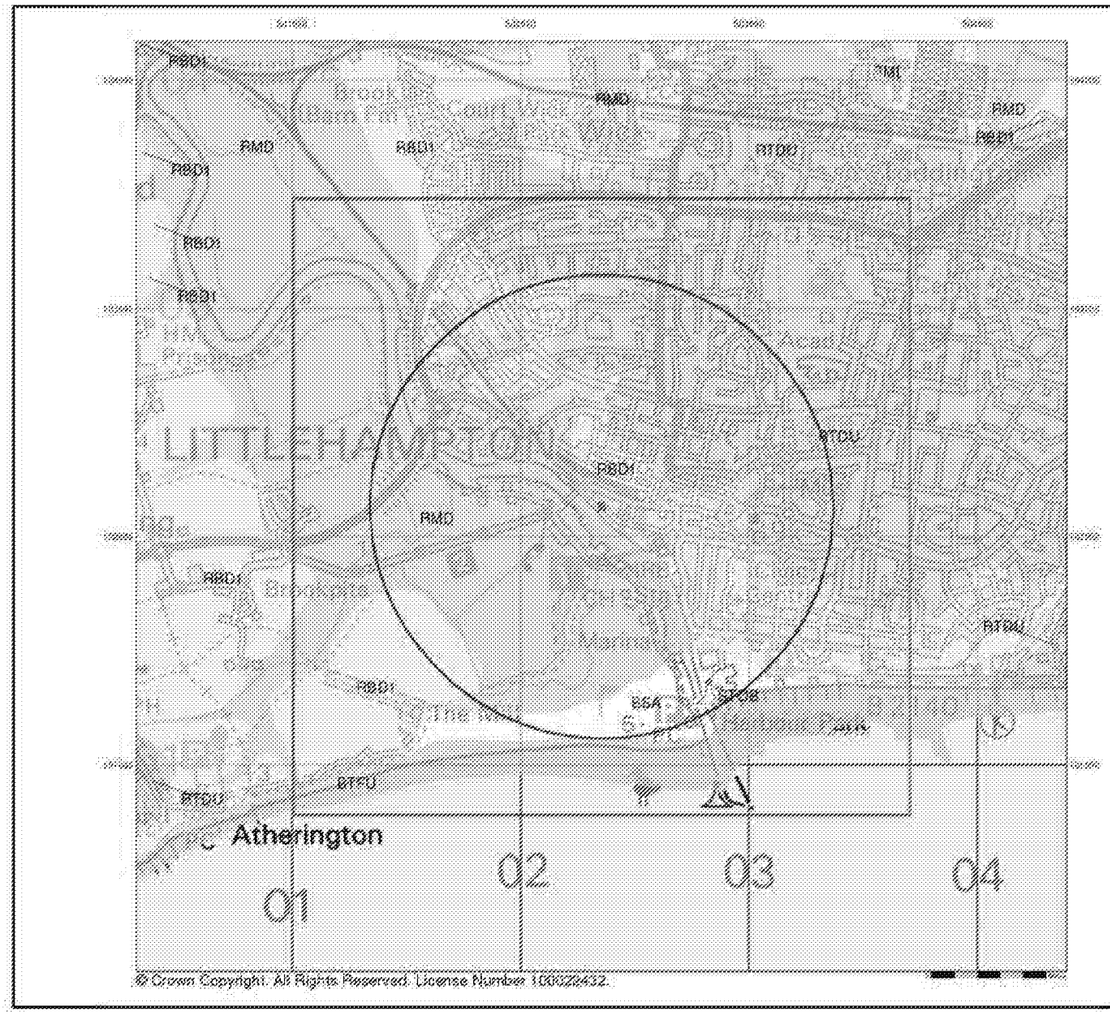
Site Area (Ha):	8.05
Search Buffer (m):	1000

Site Details:

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



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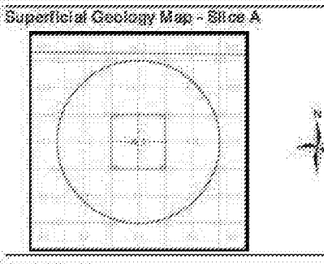
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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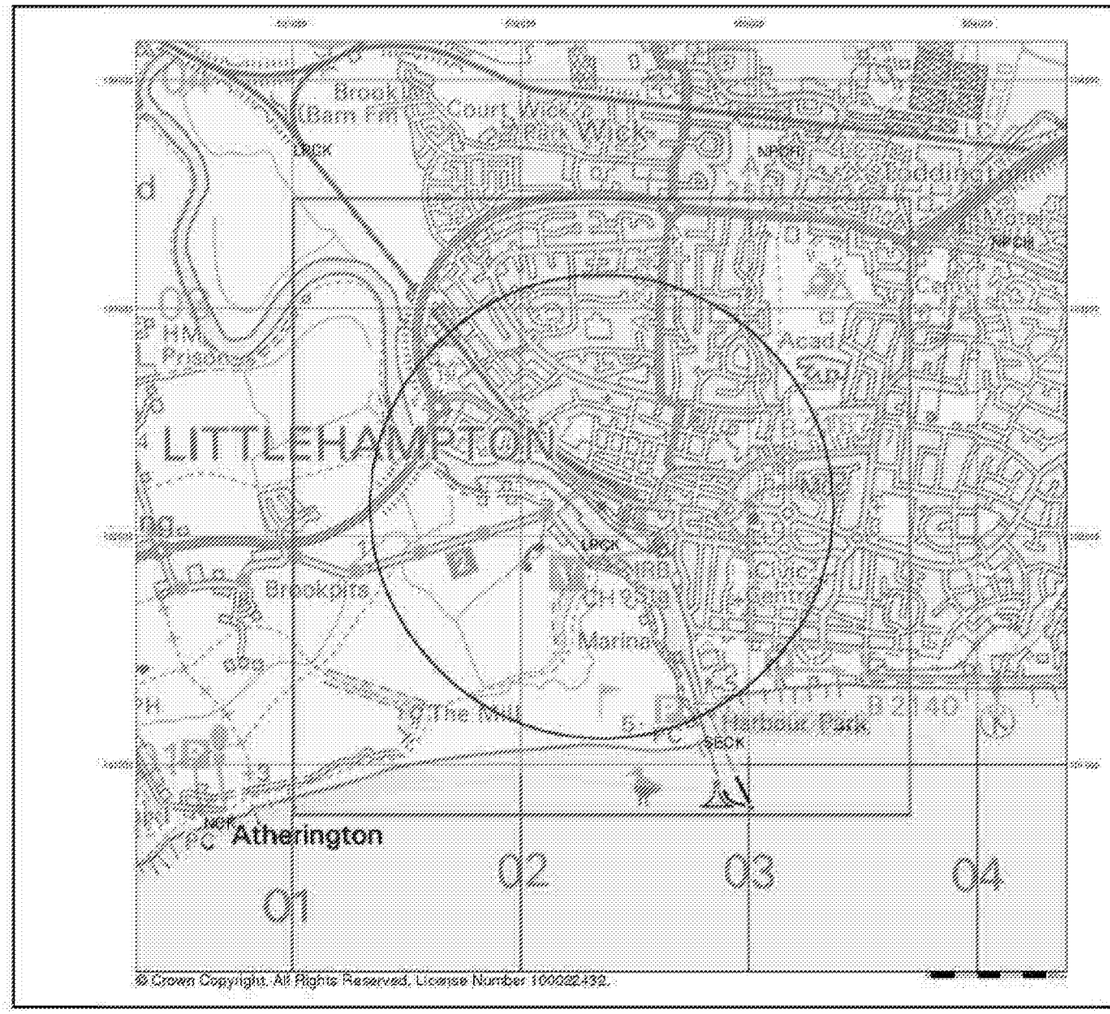
Slice:	A
Site Area (Ha):	3.05
Search Buffer (m):	1000

Site Details:

57 River Road, Littlehampton, BN17 5BF

Landmark



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GeoSmart

Bedrock and Faults

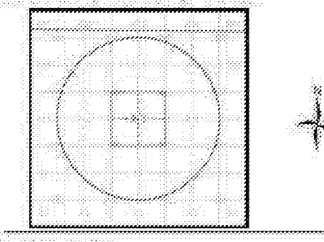
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

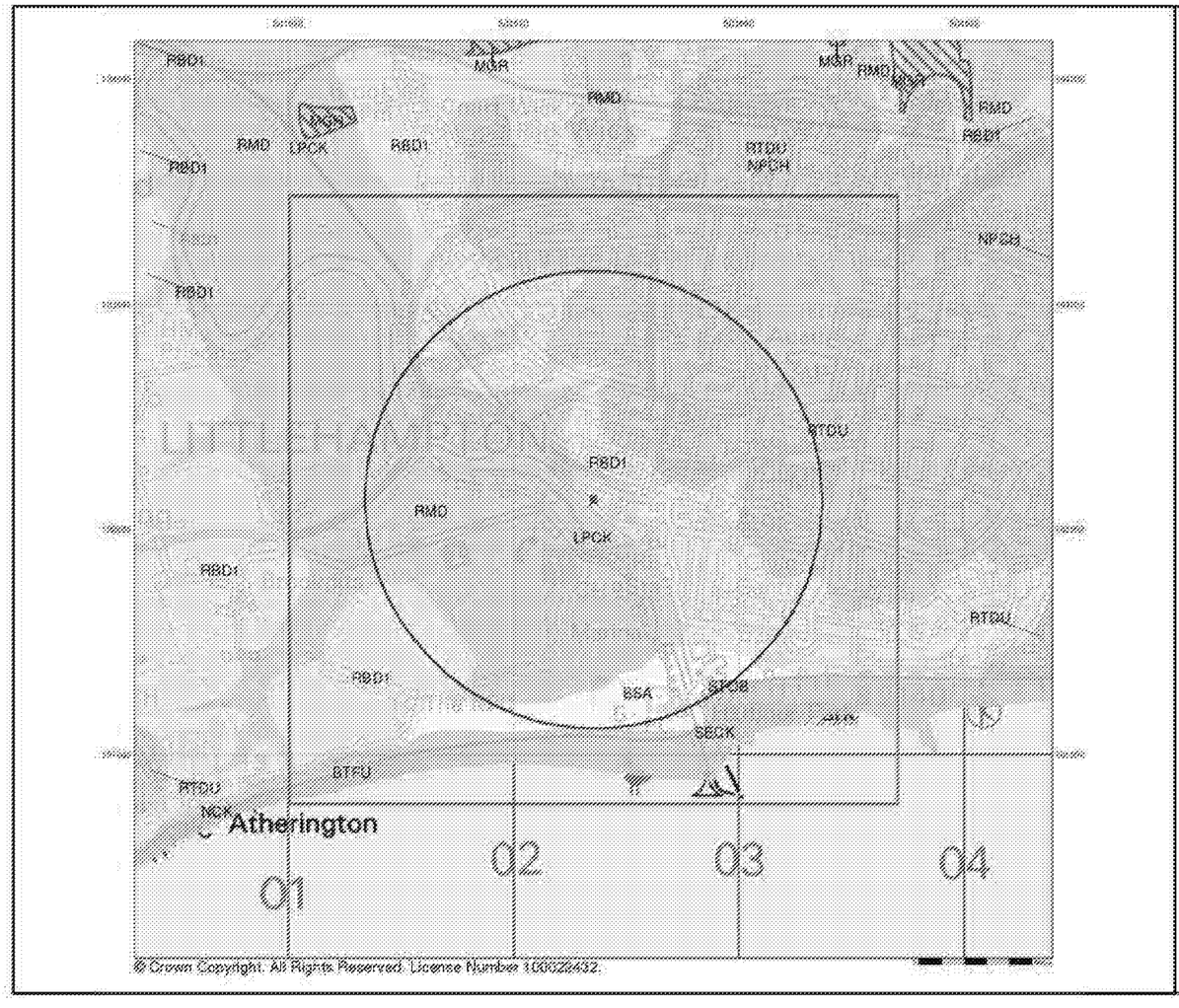
Order Number:	24708808_1_1
Customer Reference:	68163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	3.05
Search Buffer (m):	1000

Site Details:

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

Combined Surface Geology

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

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

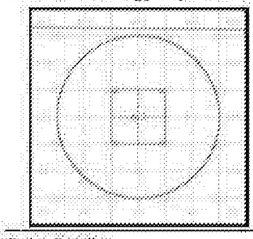
Additional Information

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

Contact

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

Combined Geology Map - Slice A



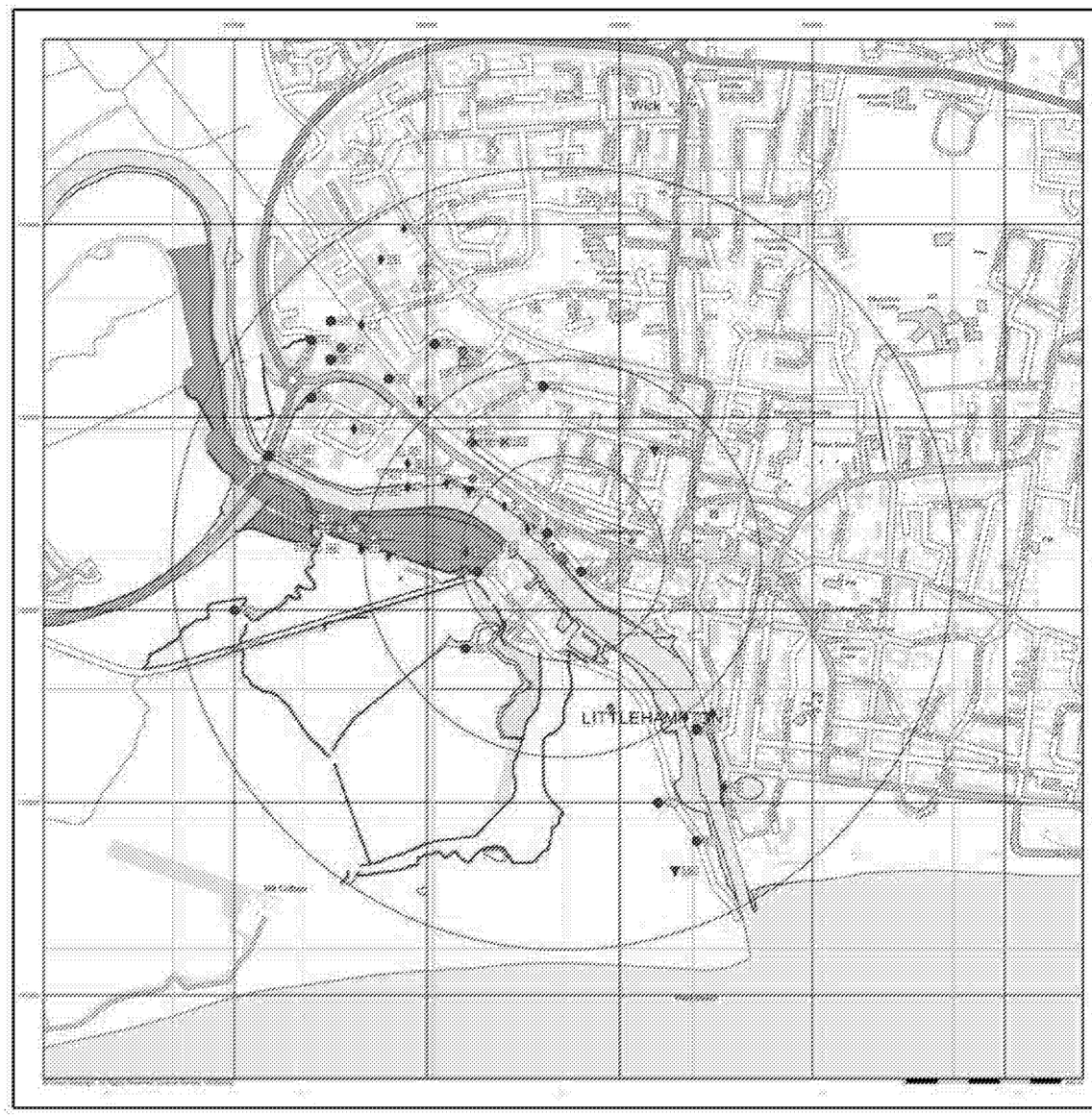
Order Details:

Order Number:	24720/5908_1_1
Customer Reference:	66153.526
National Grid Reference:	502350, 108130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details:

57 River Road, Littlehampton, BN17 5BF

Landmark



GeoSmart

General

Agency and Hydrological

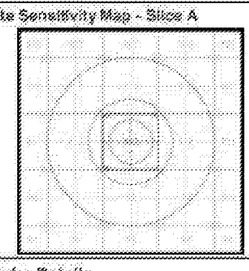
Waste

Geological

Industrial Land Use

Hazardous Substances

Site Sensitivity Map - Slice A



Order Details

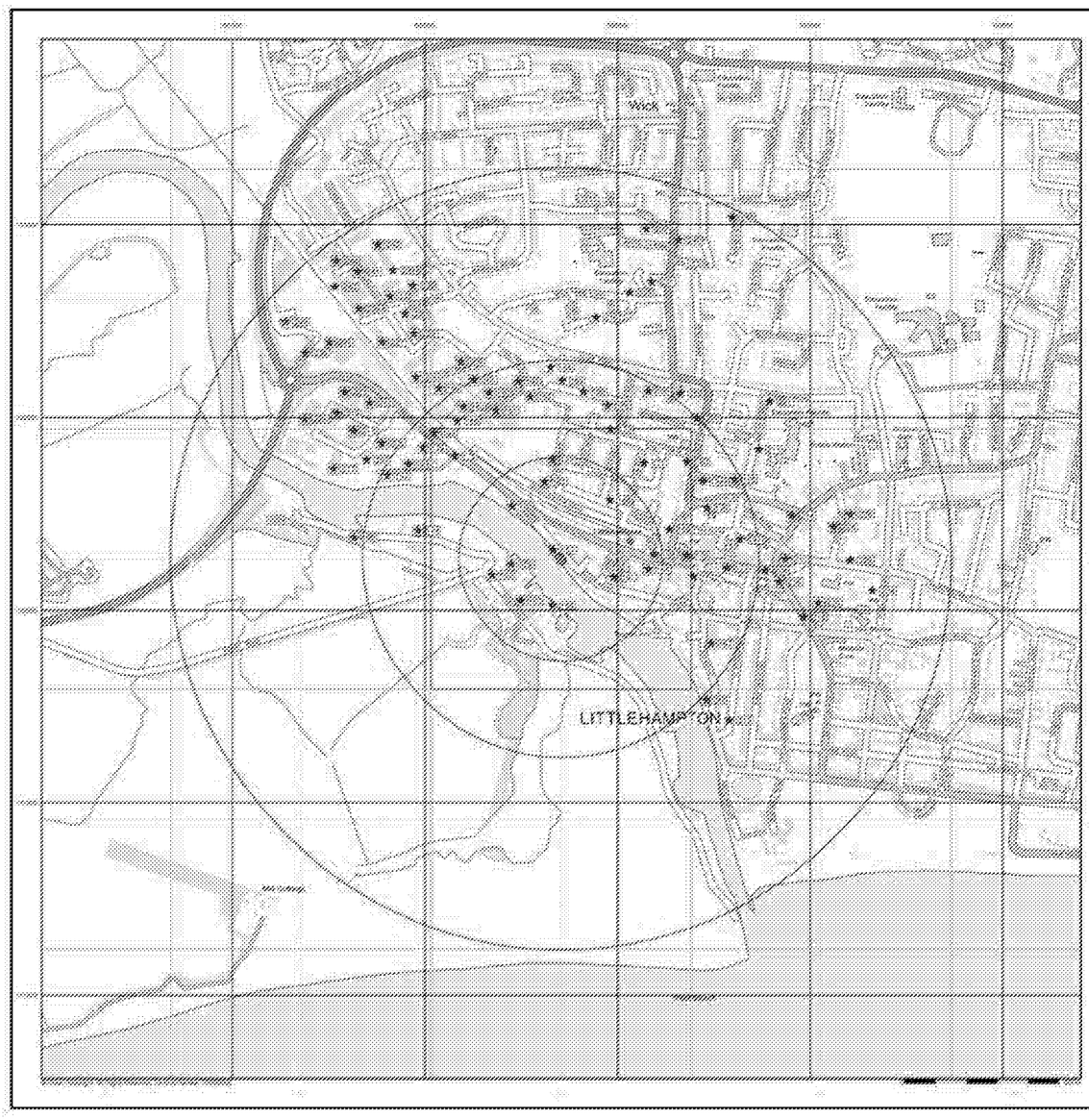
Order Number:	24720/5908_1_1
Customer Ref:	66153.526
National Grid Reference:	502350, 108130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL



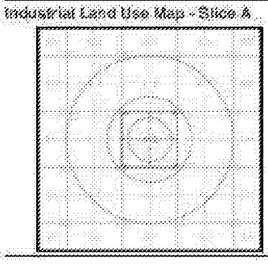
GeoSmart

Industrial Land Use Map

General

Industrial Land Use

Industrial Land Use Map - Slice A



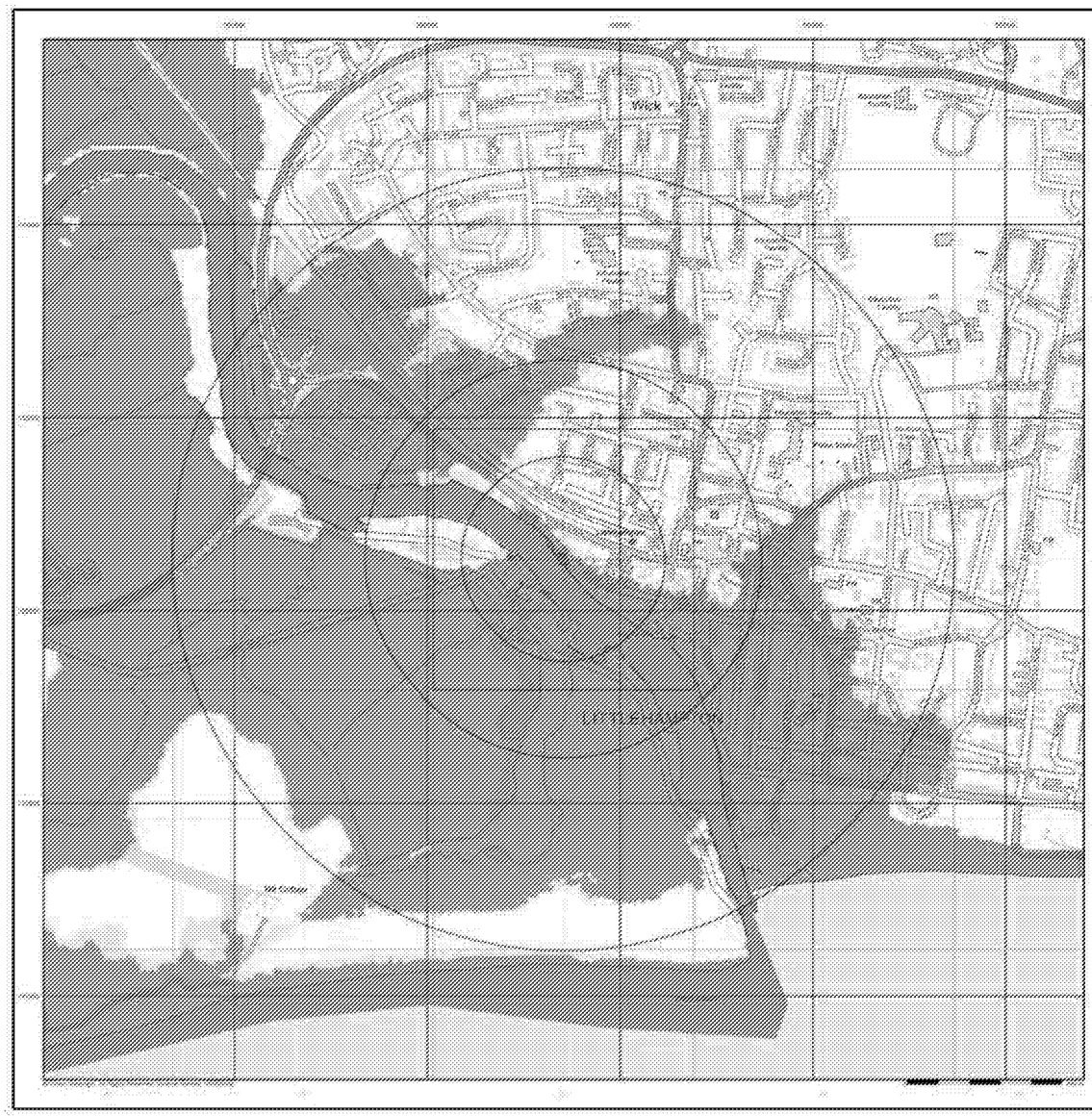
Order Details

Order Number:	247085908_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

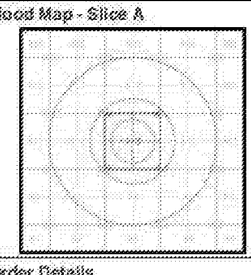


GeoSmart

General

Agency and Hydrological (Flood)

Flood Map - Slice A



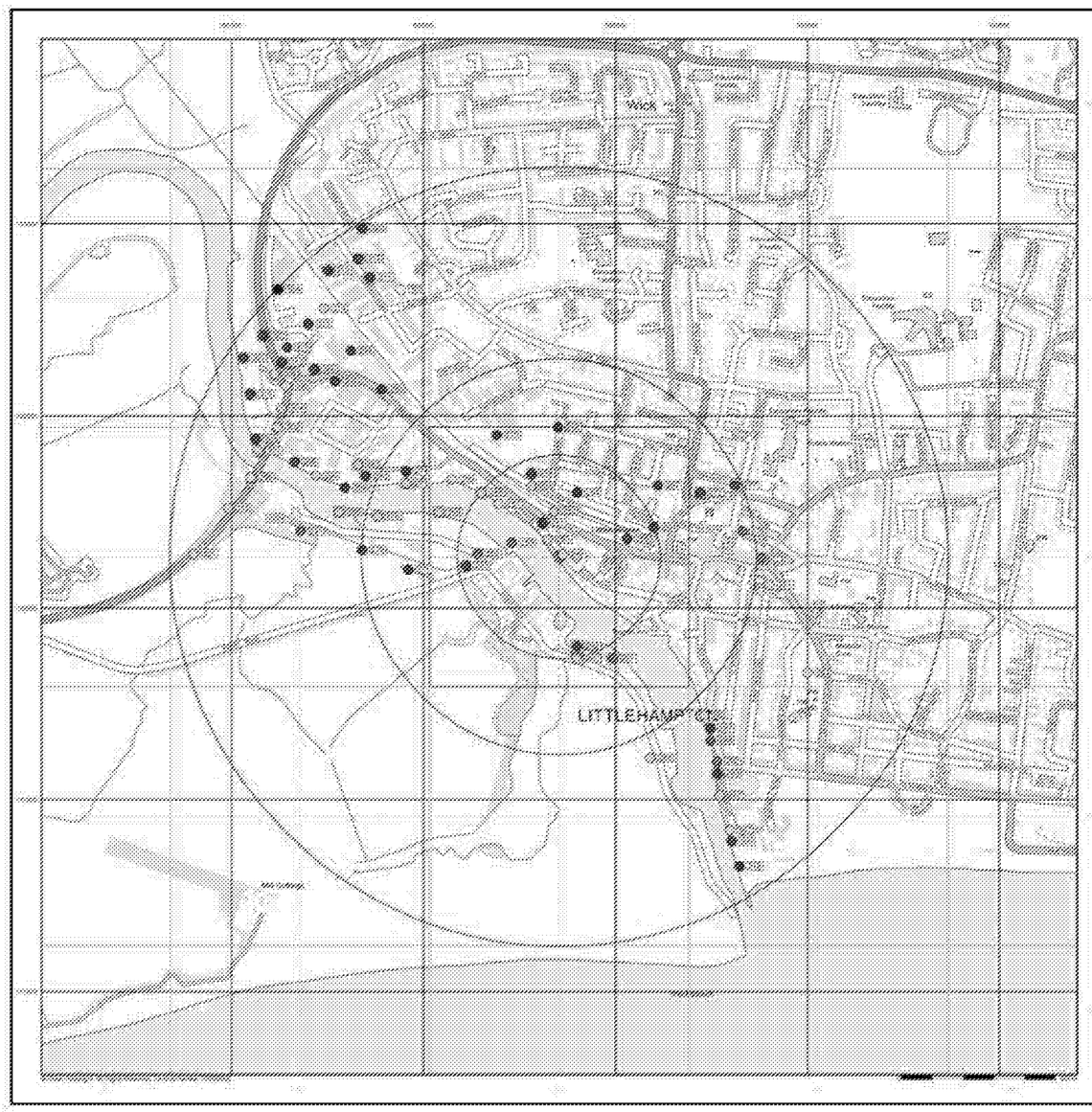
Order Details

Order Number:	247085908_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark



GeoSmart

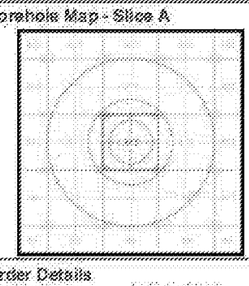
General

Agency and Hydrological (Boreholes)

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

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

Borehole Map - Slice A



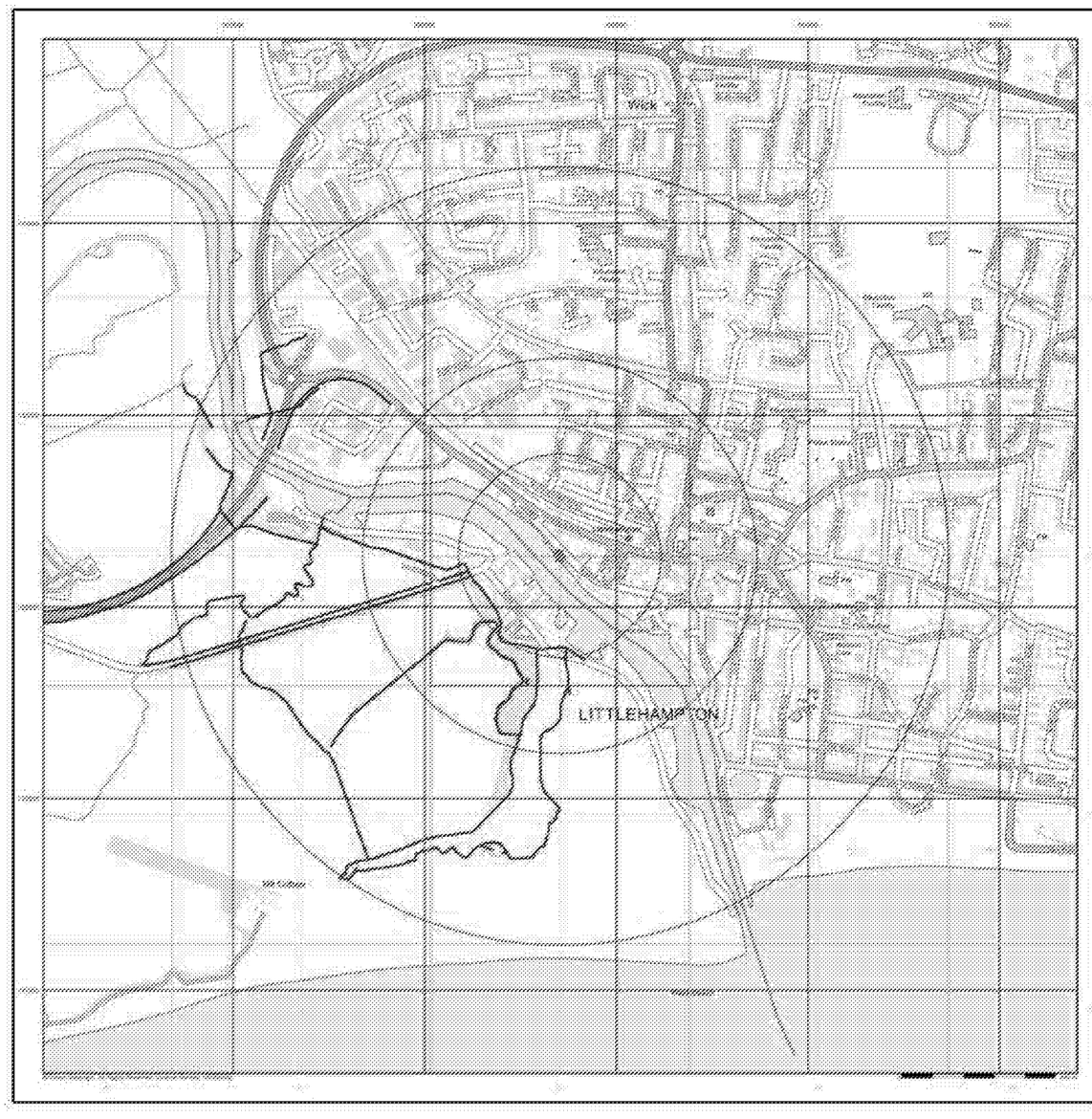
Order Details

Order Number:	24708592B_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 5BF

Landmark

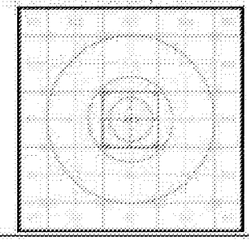


GeoSmart

General

OS Water Network Data

OS Water Network Map - Slice A



Order Details

Order Number:	24708592B_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	1000

Site Details

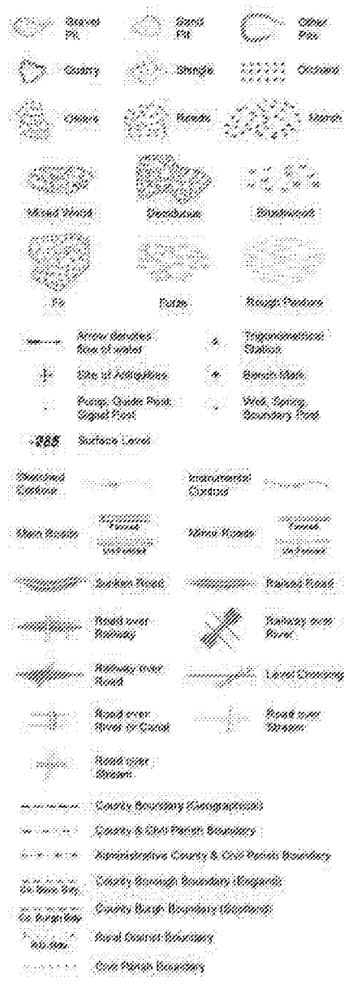
57 River Road, Littlehampton, BN17 5BF

Landmark

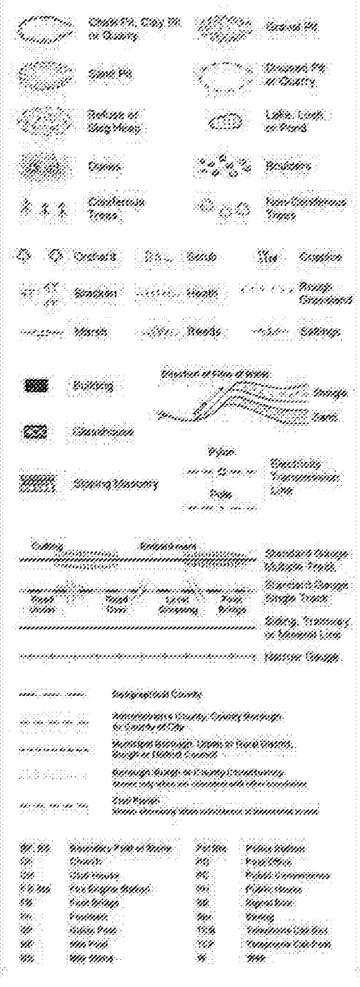
ARUN DISTRICT COUNCIL LU24720/PL

Historical Mapping Legends

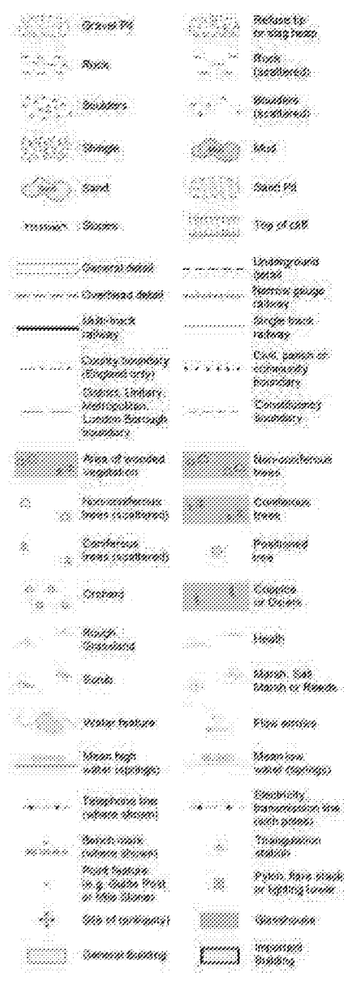
Ordnance Survey County Series 1:10,560



Ordnance Survey Plan 1:10,000



1:10,000 Raster Mapping

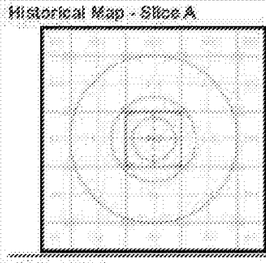


GeoSmart

Historical Mapping & Photography Included

Mapping Type	Scale	Date	No.
Slipmap	1:10,560	1879	2
Surveyor	1:10,560	1899	3
Slipmap	1:10,560	1913	4
Surveyor	1:10,560	1913	5
Slipmap	1:10,560	1932	6
Slipmap	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1969	8
Ordnance Survey Plan	1:10,000	1984	9
Ordnance Survey Plan	1:10,000	1977	10
Ordnance Survey Plan	1:10,000	1992	11
Ordnance Survey Plan	1:10,000	1969	12
10K Raster Mapping	1:10,000	2008	13
Street View	Variable		14

Historical Map - Slice A



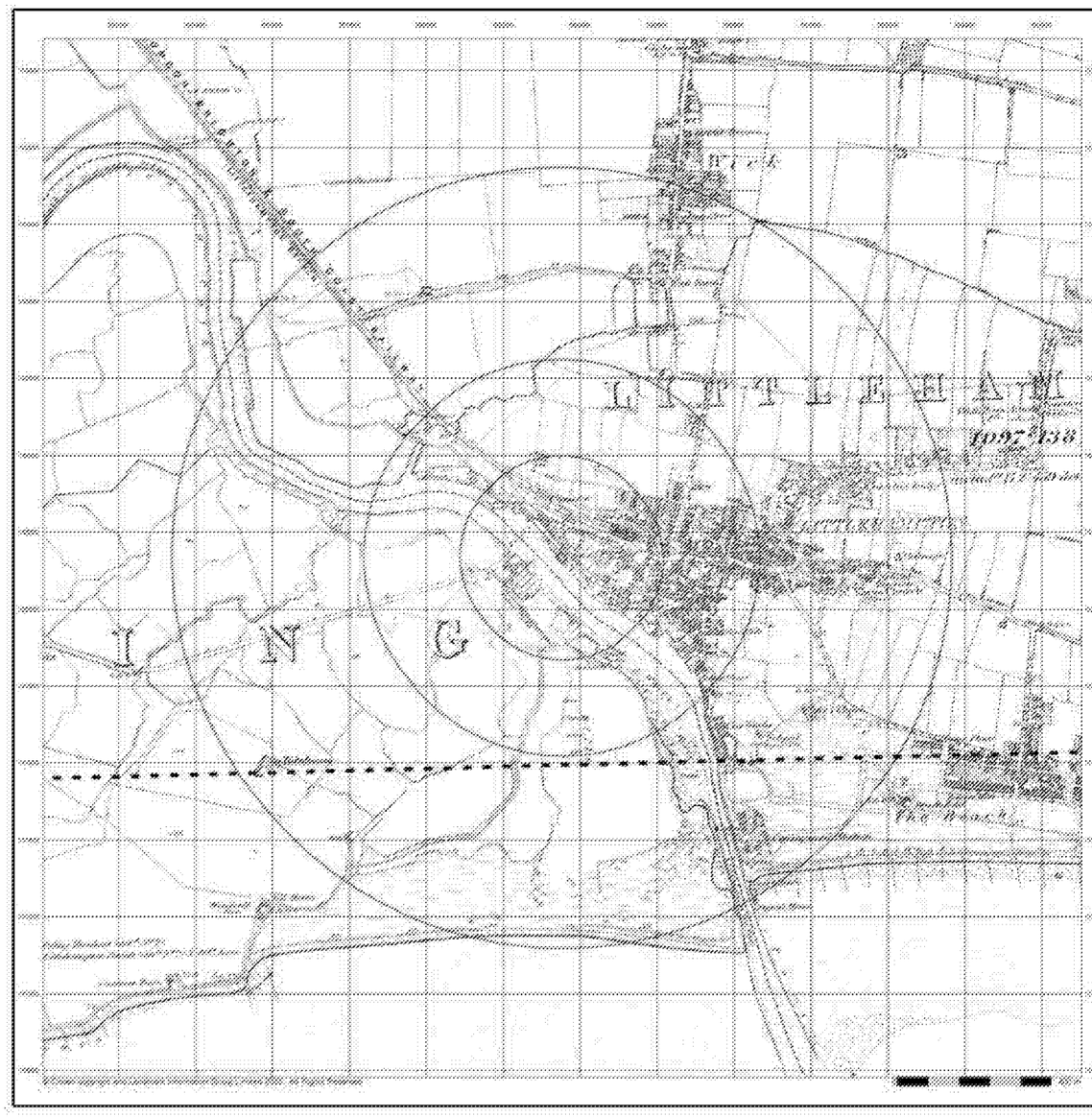
Order Details

Order Number: 247085698_1_1
Customer Ref.: 68163.626
National Grid Reference: 502350, 102130
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 1000

Site Details

57 River Road, Littlehampton, BN17 6BF

Landmark



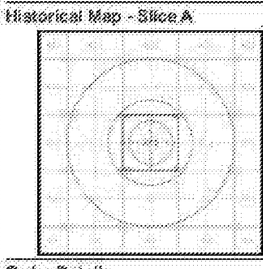
GeoSmart

Sussex
Published 1879
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the Ordnance Survey in England, Wales and Scotland. The 1:2,500 (25 inch) to 1 mile scale was adopted for mapping urban areas. These areas were used to produce the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1935, all OS maps were based on the Cassini Projection, with independent surveys and origin nearly all large scale maps (1:2,500 and 1:1,250) were produced, which covered the 1:10,560 mapping from a number of sources. The maps appear continuous with all railway names and minor features now removed. These maps were initially superseded with the National Grid in 1936, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The onset of photo-revision and digital mapping, with more frequent updating of maps, in the 1970s.

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

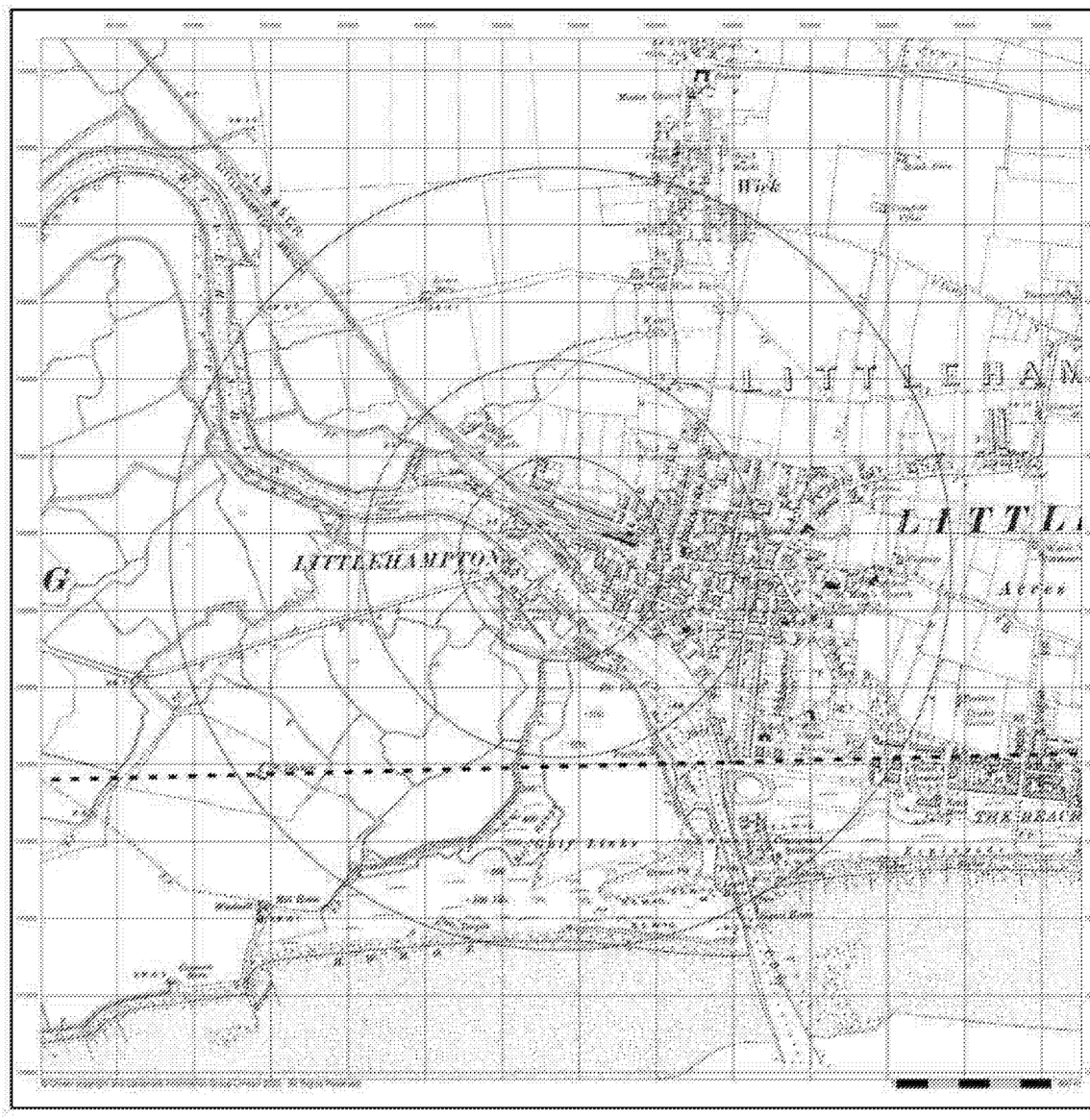
Order Number: 247085698_1_1
Customer Ref.: 68163.626
National Grid Reference: 502350, 102130
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 1000

Site Details

57 River Road, Littlehampton, BN17 6BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

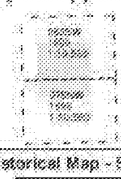
Sussex

Published 1899

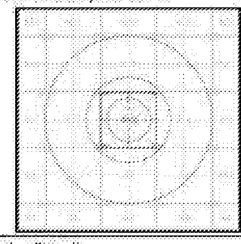
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scales detailed for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1855, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1840's a Provisional Edition was produced, which included the 1:10,560 mapping from a number of sources. The maps appear undivided - with all military details and other markings removed. These maps were initially overprinted with the National Grid. In 1855, the first 1:10,560 maps were produced using the Transverse Mercator Projection. The revision process was at irregular intervals, with areas/sheets appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



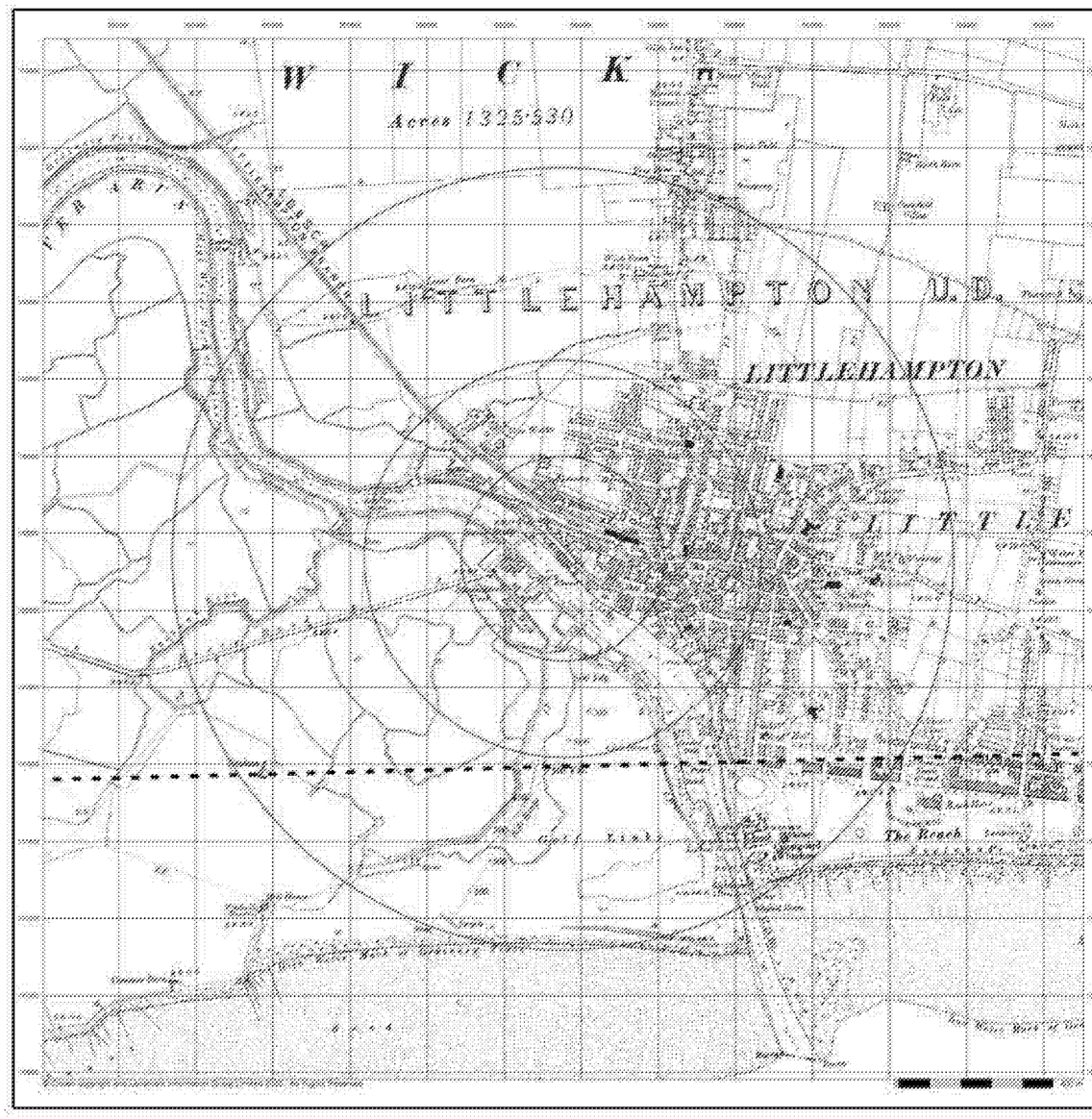
Order Details

Order Number:	247085898_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark



GeoSmart

Sussex

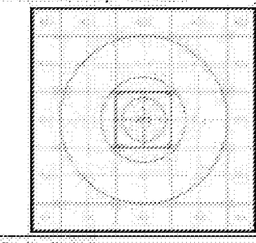
Published 1913

Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scales detailed for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1855, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in adjoining areas. In the late 1840's a Provisional Edition was produced, which included the 1:10,560 mapping from a number of sources. The maps appear undivided - with all military details and other markings removed. These maps were initially overprinted with the National Grid. In 1855, the first 1:10,560 maps were produced using the Transverse Mercator Projection. The revision process was at irregular intervals, with areas/sheets appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

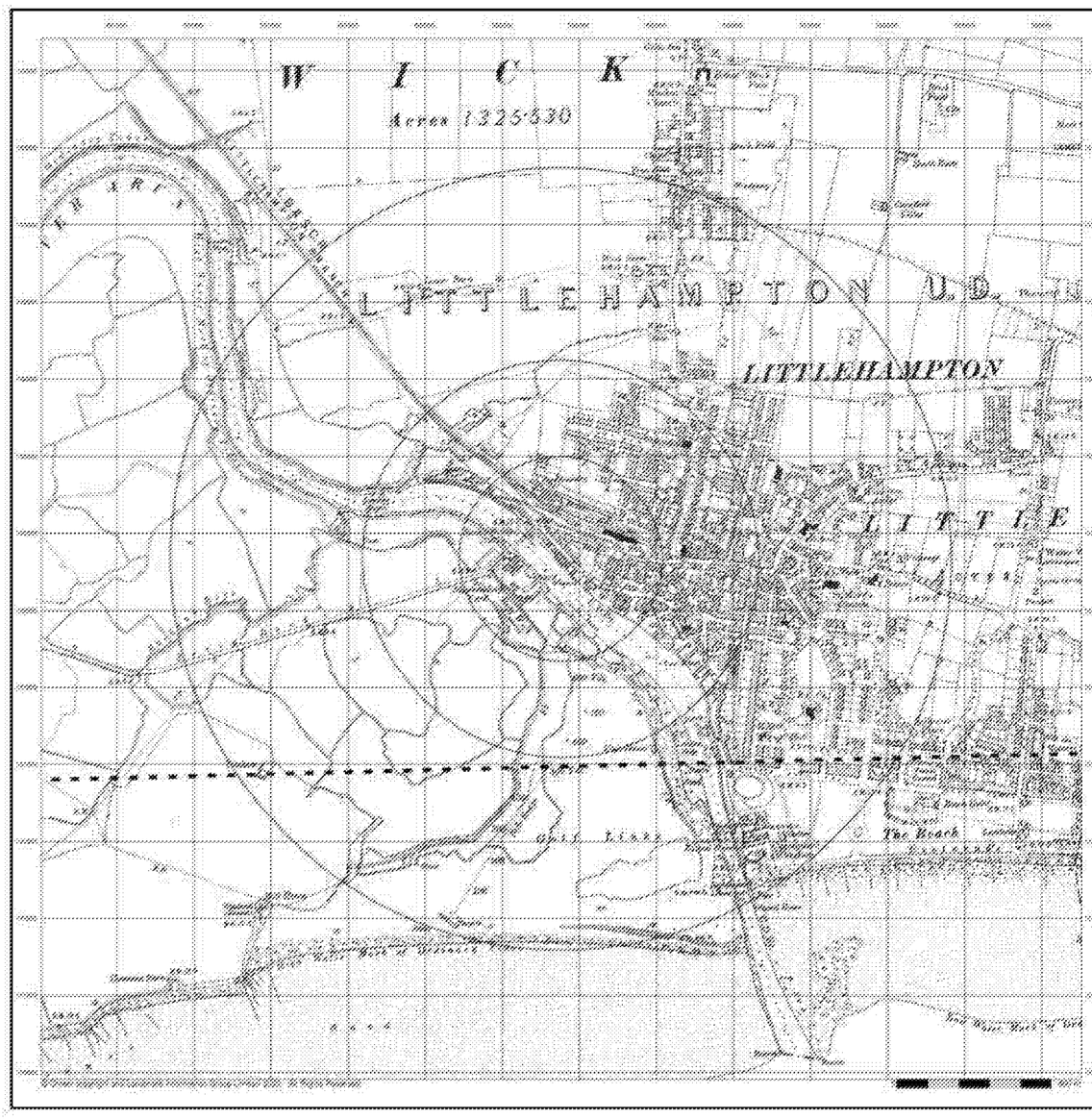
Order Number:	247085898_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

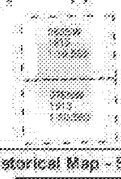
Sussex

Published 1913

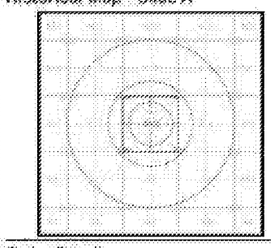
Source map scale - 1:10,560

The historical maps shown were reproduced from maps progressively built at the scales adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single country or group of countries, giving rise to significant discontinuities in adjoining areas. In the late 1940's a Provisional Edition was produced, which included the 1:10,000 mapping from a number of sources. The maps applied conventional signs for buildings, roads and other features were revised. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The national framework of control surveys was also improved. Most towns were mapped at this scale, with more detailed surveying every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



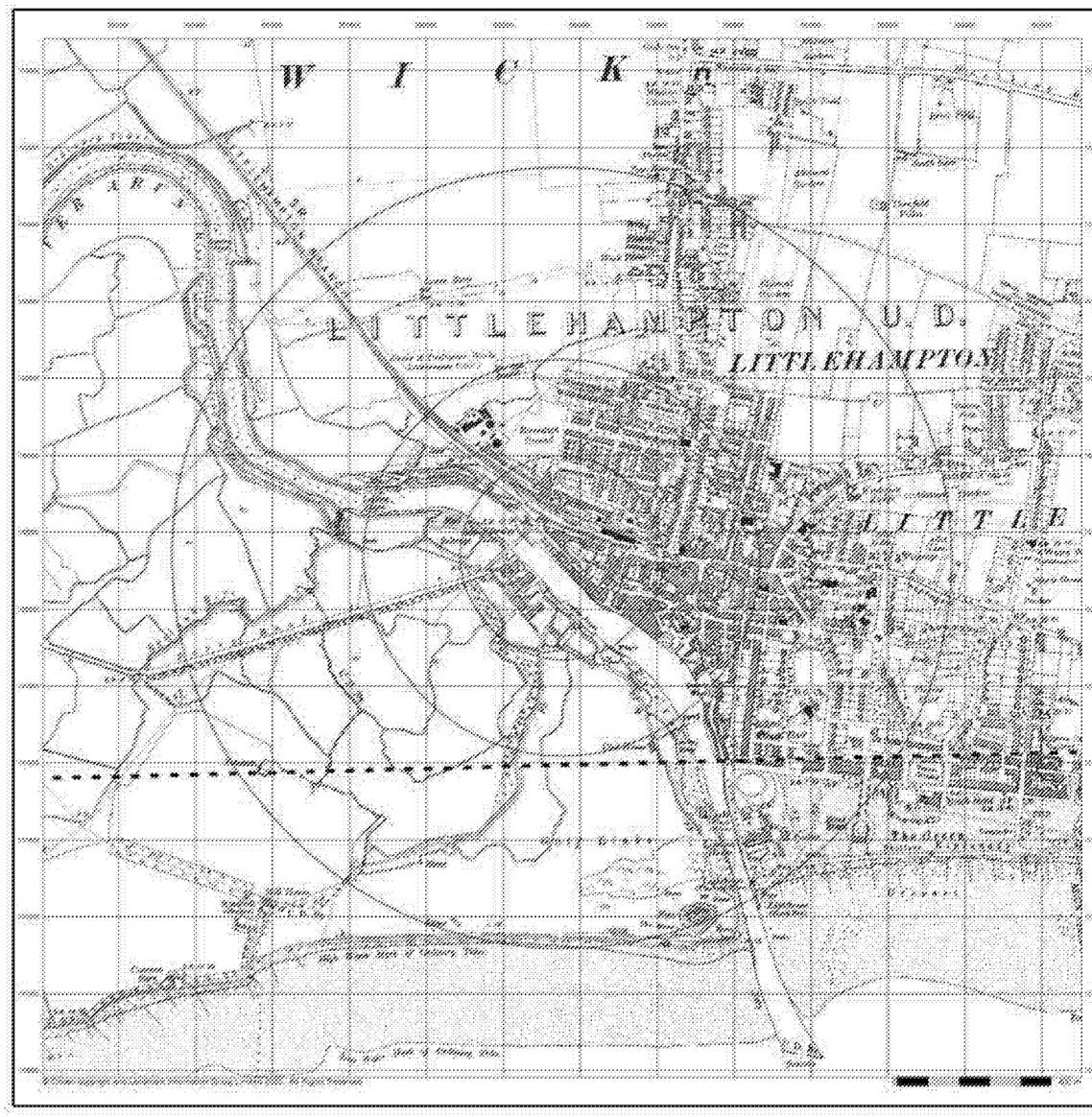
Order Details

Order Number:	24708598_1_1
Customer Ref:	68163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark



GeoSmart

Sussex

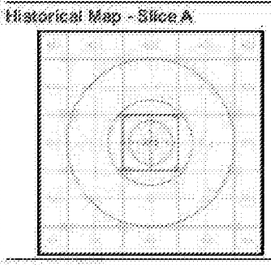
Published 1932

Source map scale - 1:10,560

The historical maps shown were reproduced from maps progressively built at the scales adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single country or group of countries, giving rise to significant discontinuities in adjoining areas. In the late 1940's a Provisional Edition was produced, which included the 1:10,000 mapping from a number of sources. The maps applied conventional signs for buildings, roads and other features were revised. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The national framework of control surveys was also improved. Most towns were mapped at this scale, with more detailed surveying every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

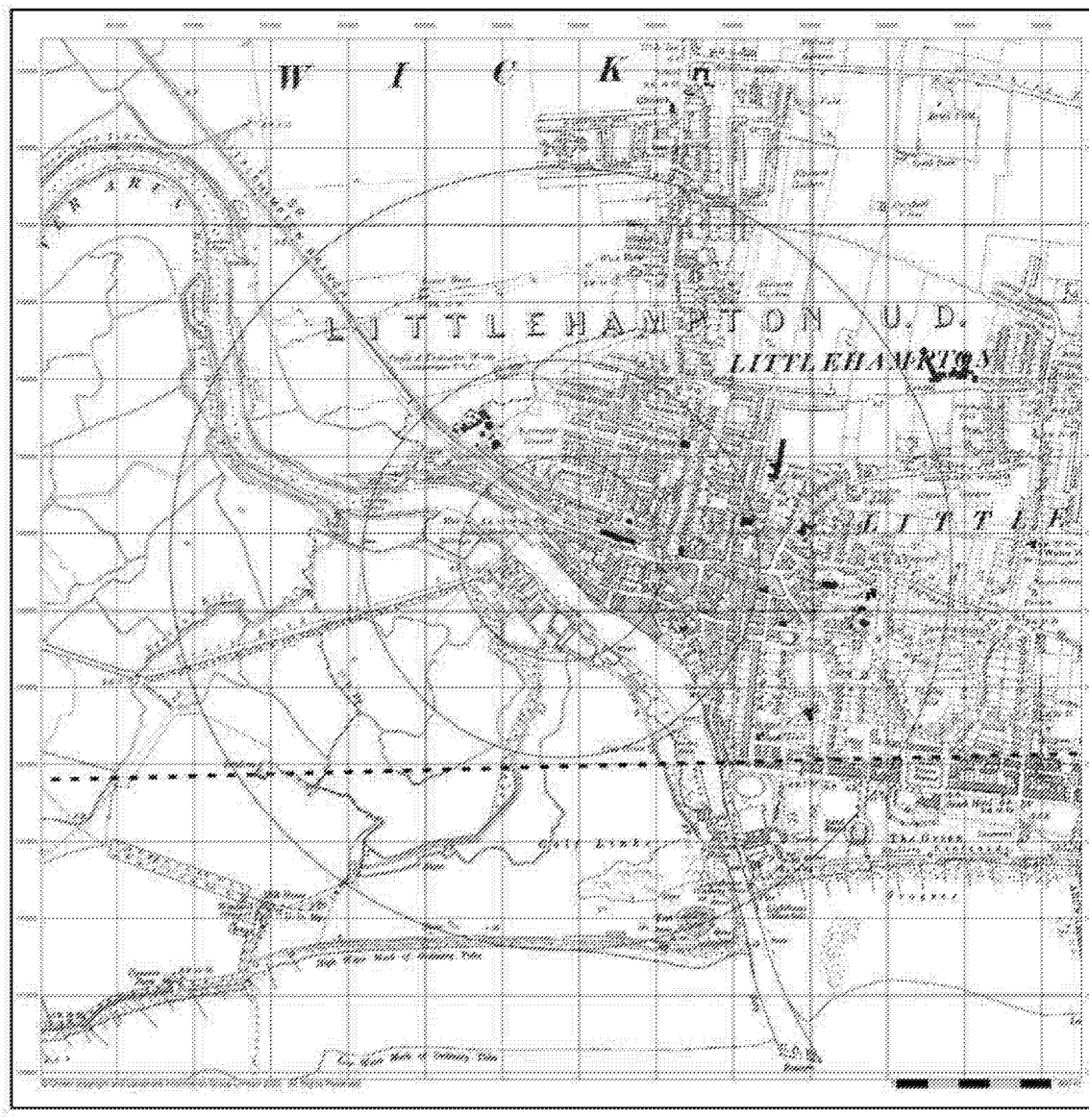
Order Number:	24708598_1_1
Customer Ref:	68163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL

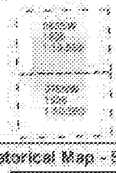


GeoSmart

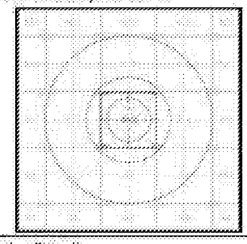
Sussex
Published 1938
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale supplied by England, Wales and Scotland in the 1940's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in national cover. In the late 1940's a Provisional Edition was produced, which included the 1:10,560 mapping from a number of sources. The maps appear continuous with all military detail and non-essential tints removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The result is that some sheets will exist in both projections, with newer editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



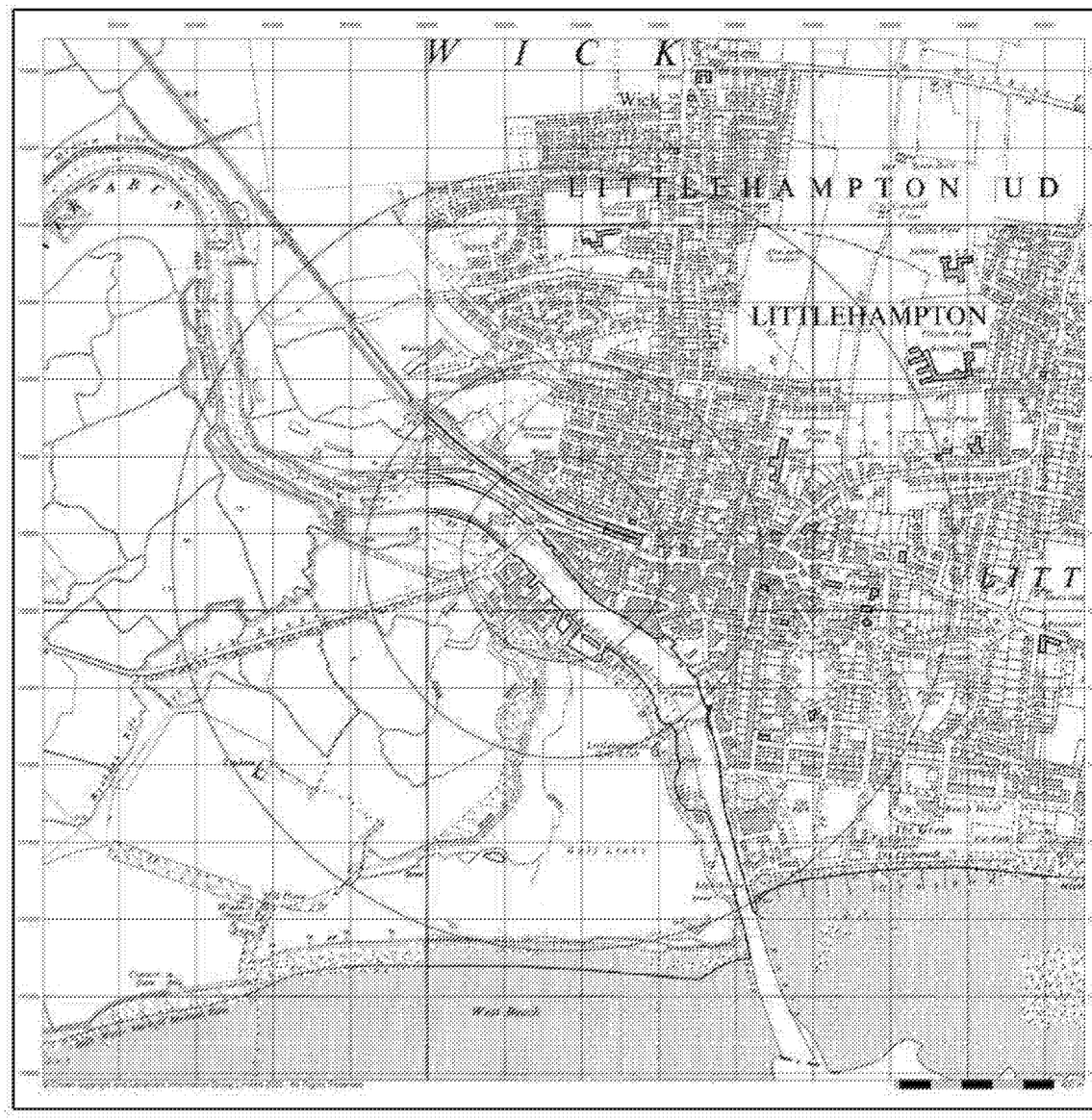
Order Details

Order Number:	247085898_1_1
Customer Ref:	66153.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

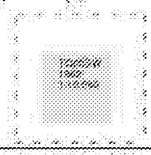


GeoSmart

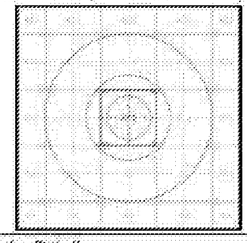
Ordnance Survey Plan
Published 1962
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale supplied by England, Wales and Scotland in the 1940's. In 1854 the 1:2,500 scale was adopted for mapping urban areas. Rural areas were later revised at the 1:10,560 scale. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in national cover. In the late 1940's a Provisional Edition was produced, which included the 1:10,560 mapping from a number of sources. The maps appear continuous with all military detail and non-essential tints removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The result is that some sheets will exist in both projections, with newer editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

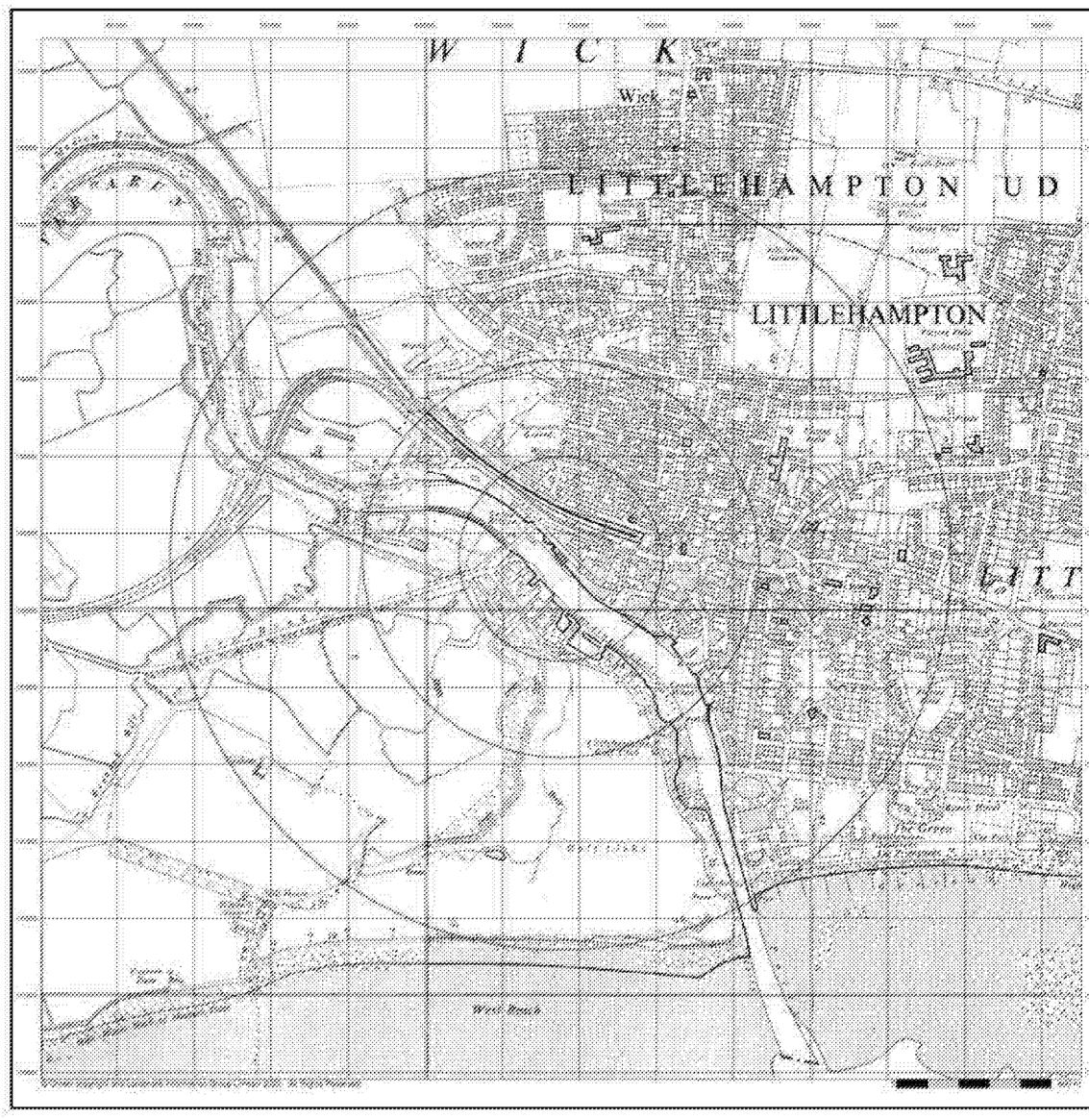
Order Number:	247085898_1_1
Customer Ref:	66153.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL



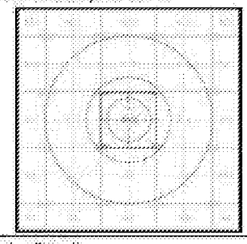
GeoSmart

Ordnance Survey Plan
Published 1962
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held in the scale supplied for England, Wales and Scotland at the 1:1,250 & 1:2,500 scale was adopted for mapping urban areas. Rural areas were used to produce the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in outlying areas. In the late 1940's a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear continuous with all ordnance survey and minor historical sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The roads in urban areas and towns, with more detailed mapping every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

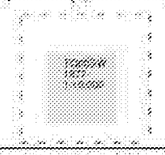
Landmark

GeoSmart

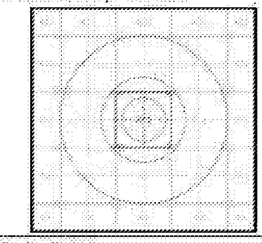
Ordnance Survey Plan
Published 1977
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held in the scale supplied for England, Wales and Scotland at the 1:1,250 & 1:2,500 scale was adopted for mapping urban areas. Rural areas were used to produce the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in outlying areas. In the late 1940's a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear continuous with all ordnance survey and minor historical sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The roads in urban areas and towns, with more detailed mapping every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU24720/PL

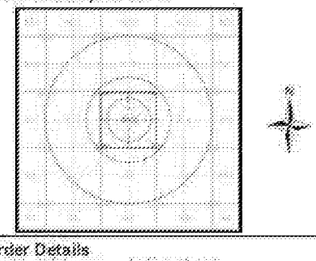
GeoSmart

Ordnance Survey Plan
Published 1982
Source map scale - 1:10,000

The historical maps shown were reproduced from maps produced using hard copy or the same projection for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas. These maps were used to produce the 1:10,000 maps. The published sheet grew therefore in clear overlap rather than matching exactly. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single country or group of countries, giving rise to significant discrepancies in national grids. In the late 1940's a Provisional Edition was produced, which created the 1:10,000 mapping from a number of sources. The maps appear continuous - although national grid and county boundaries were removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process involved aerial photography, with revised maps appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)

Historical Map - Slice A



Order Details

Order Number:	247085898_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

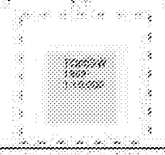
57 River Road, Littlehampton, BN17 0BF

GeoSmart

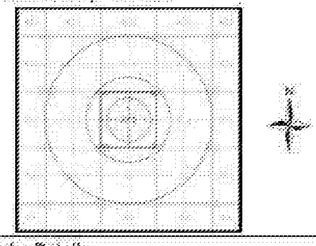
Ordnance Survey Plan
Published 1993
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held in the same projection for England, Wales and Scotland in the 1940's. In 1954 the 1:2,500 scale was adopted for mapping urban areas. These maps were used to produce the 1:10,000 maps. The published sheet grew therefore in clear overlap rather than matching exactly. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single country or group of countries, giving rise to significant discrepancies in national grids. In the late 1940's a Provisional Edition was produced, which created the 1:10,000 mapping from a number of sources. The maps appear continuous - although national grid and county boundaries were removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process involved aerial photography, with revised maps appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



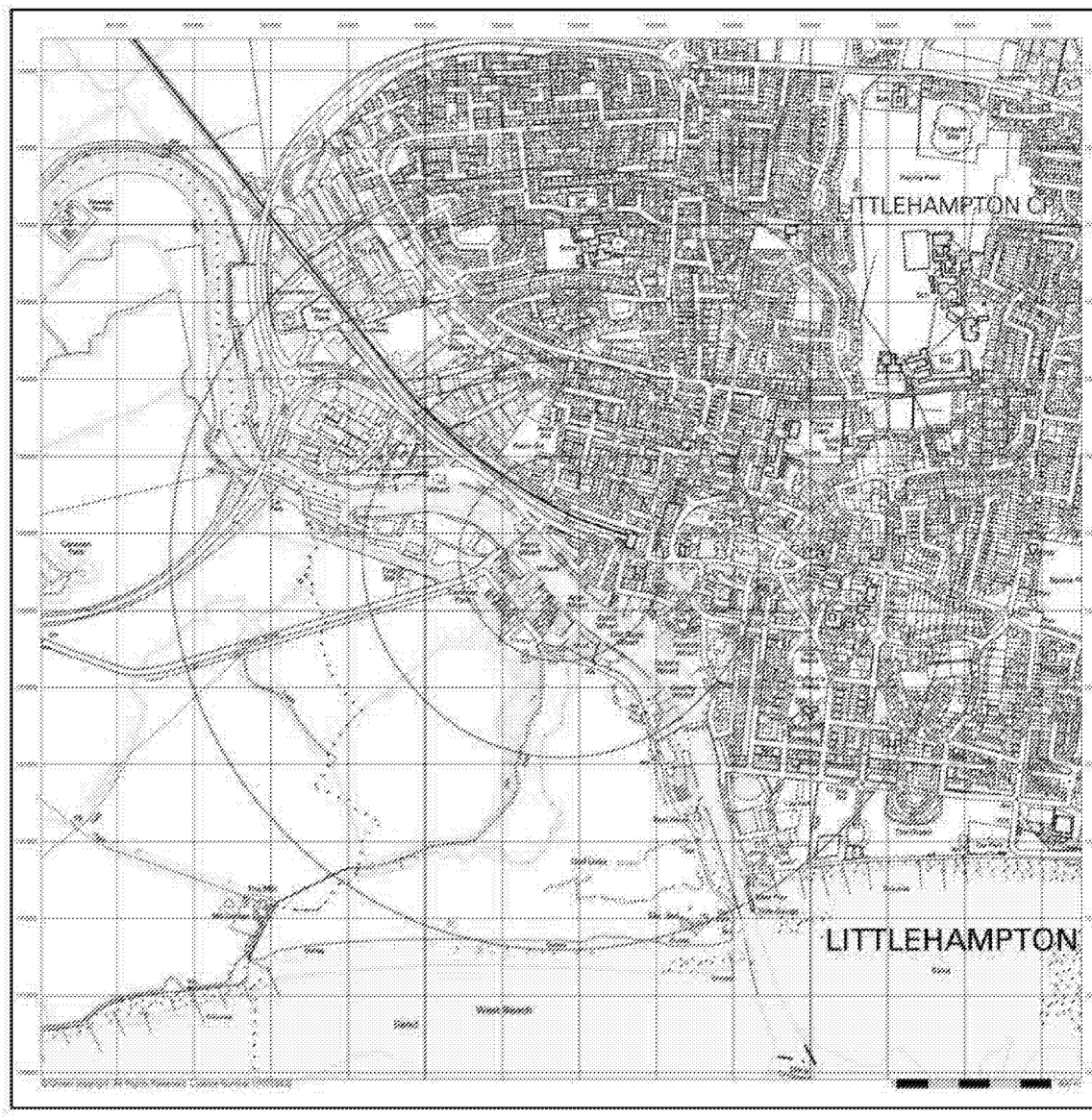
Order Details

Order Number:	247085898_1_1
Customer Ref:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

ARUN DISTRICT COUNCIL LU24720/PL

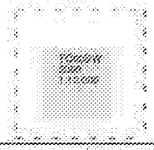


GeoSmart

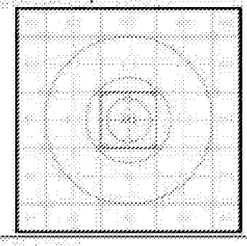
10k Raster Mapping
Published 2000
Source map scale - 1:10,000

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

Order Number:	247085898_1_1
Customer Ref.:	66153.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

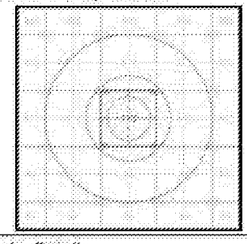
GeoSmart

Street View
Published 2020
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

Street View Map - Slice A



Order Details

Order Number:	247085898_1_1
Customer Ref.:	66153.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	1000

Site Details

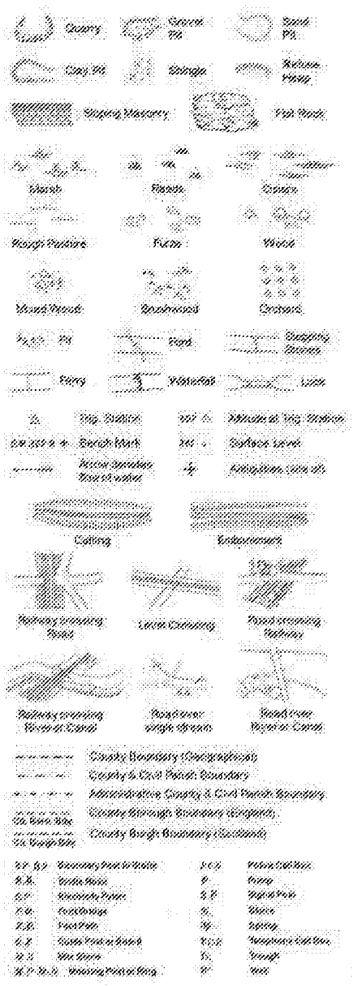
57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

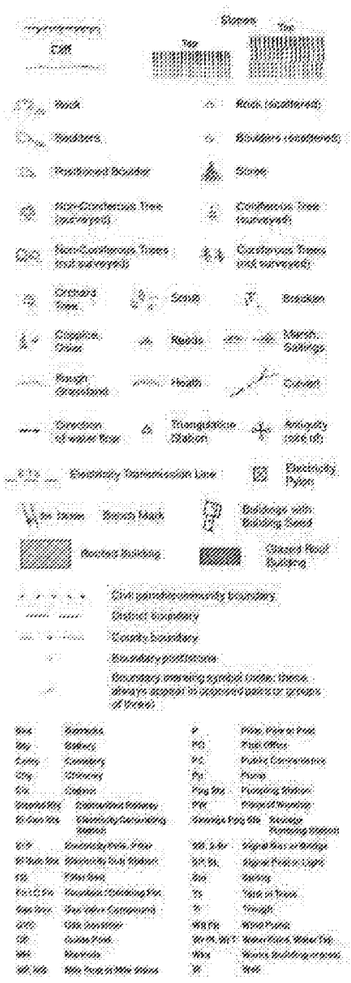
Historical Mapping Legends

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



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

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

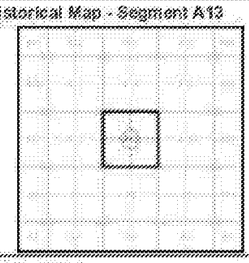


GeoSmart

Historical Mapping & Photography Included

Mapping Type	Scale	Date	No.
Sheet	1:2,500	1876	2
Sheet	1:2,500	1898	3
Sheet	1:2,500	1911 - 1912	4
Sheet	1:2,500	1932	5
Ordnance Survey Plan	1:1,250	1938	6
Additional SIMs	1:1,250	1938 - 1991	7
Ordnance Survey Plan	1:2,500	1953	8
Ordnance Survey Plan	1:1,250	1965	9
Ordnance Survey Plan	1:2,500	1970	10
Ordnance Survey Plan	1:1,250	1975	11
Additional SIMs	1:1,250	1991	12
Ordnance Survey Plan	1:1,250	1992	13
Additional SIMs	1:1,250	1997	14
Large-Scale National Grid Data	1:2,500	1998	15
Large-Scale National Grid Data	1:1,250	1998	16

Historical Map - Segment A13



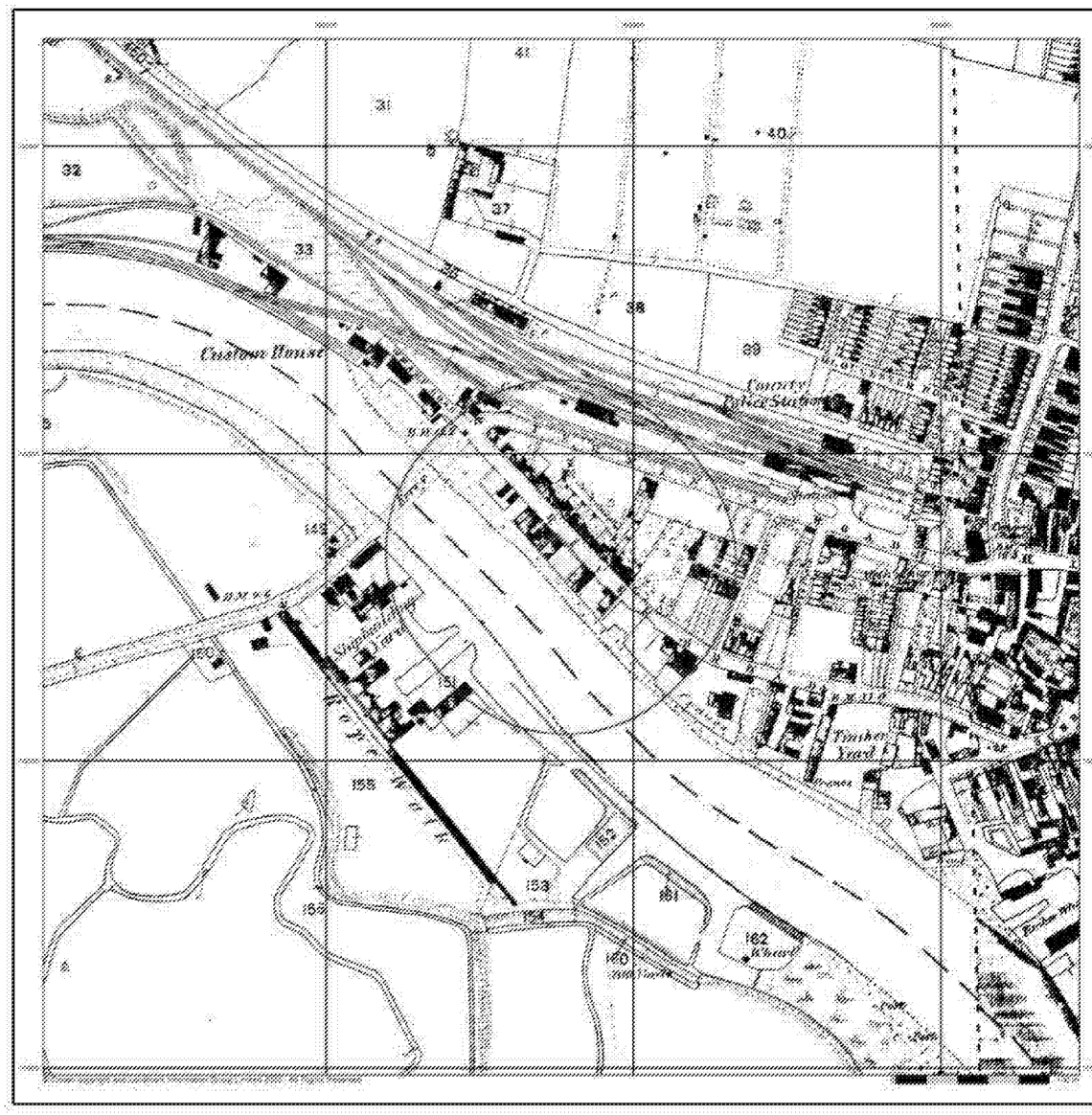
Order Details

Order Number: 247085898_1_1
Customer Ref.: 68163.626
National Grid Reference: 502350, 102130
Slice: A
Site Area (Ha): 0.05
Search Buffer (m): 100

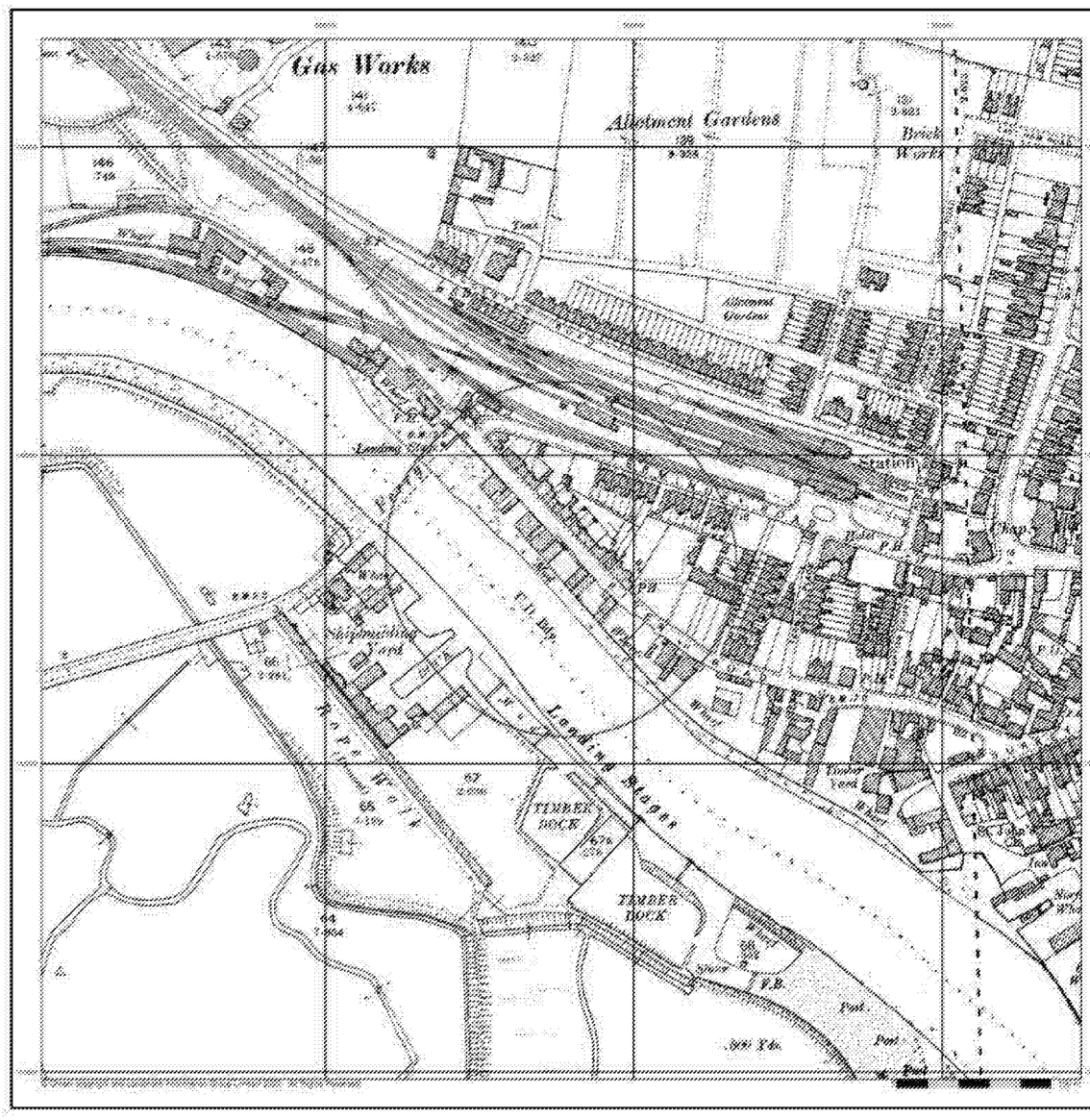
Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark


Custom House
Timber Yard
Timber Yard
Sluice
Sluice
Sluice

ARUN DISTRICT COUNCIL LU24720/PL



GeoSmart

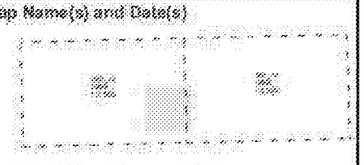
Sussex

Published 1898

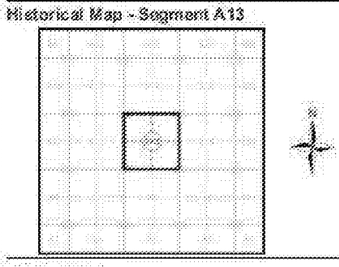
Source map scale - 1:2,500

The historical maps shown were reproduced from maps contemporary with the date supplied for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in edging areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



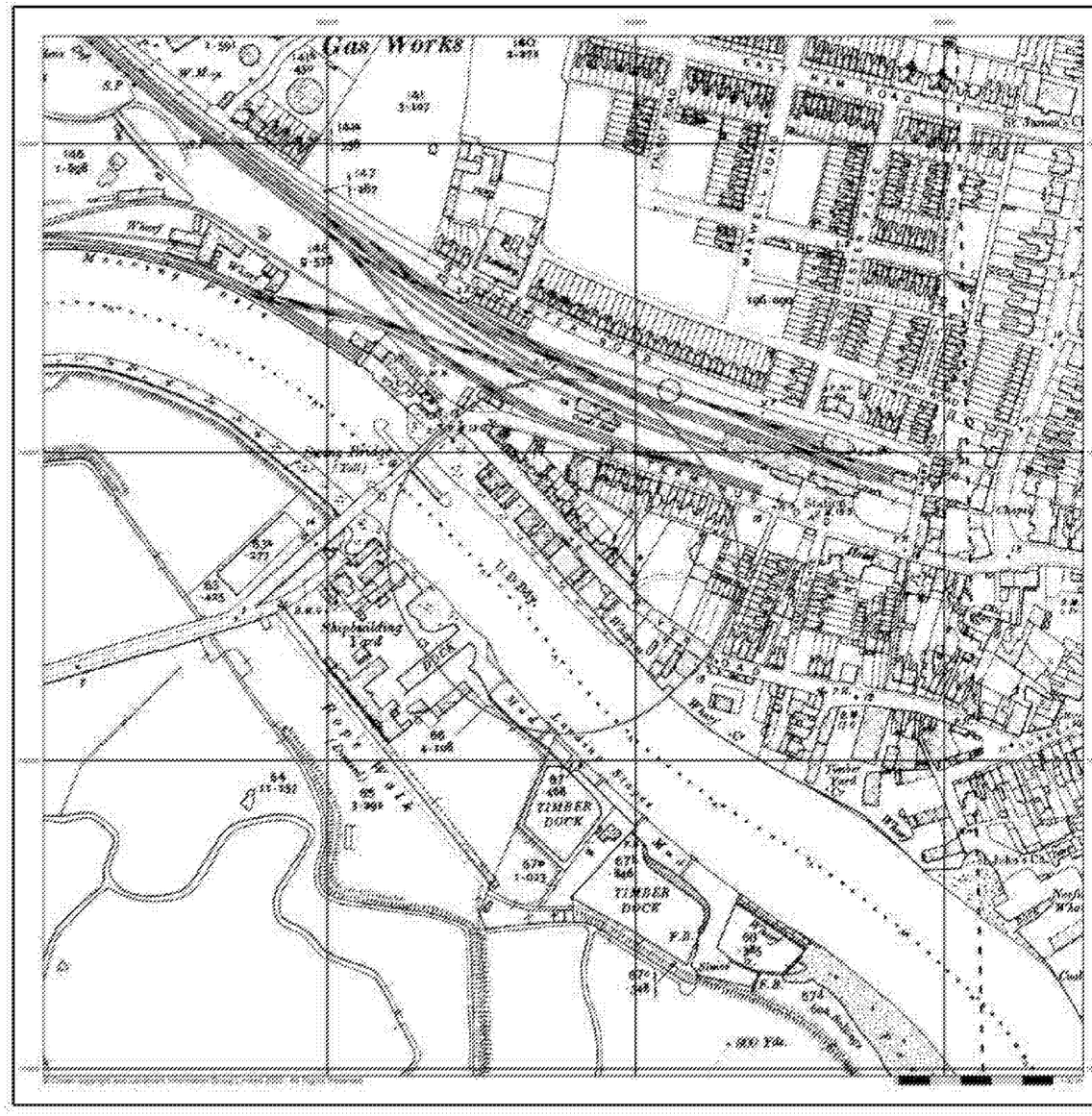
Order Details

Order Number:	24708598_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark



GeoSmart

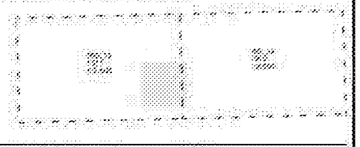
Sussex

Published 1911 - 1912

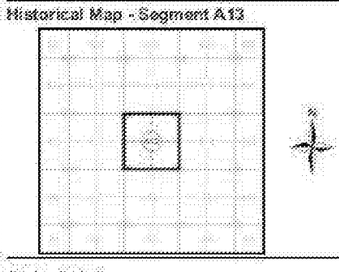
Source map scale - 1:2,500

The historical maps shown were reproduced from maps contemporary with the date supplied for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in edging areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

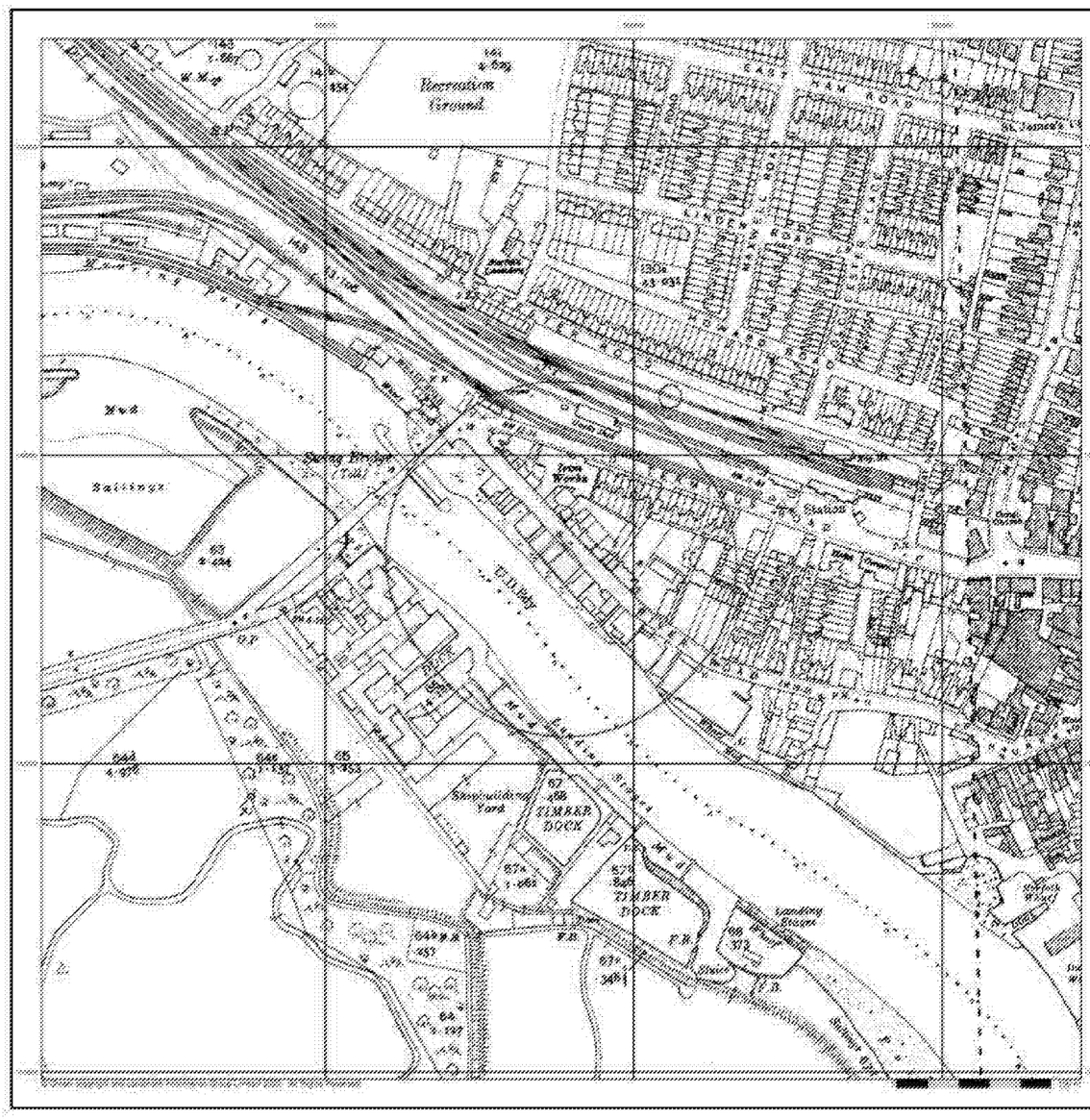
Order Number:	24708598_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

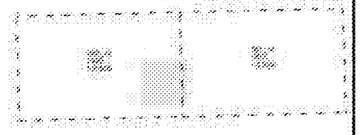


GeoSmart

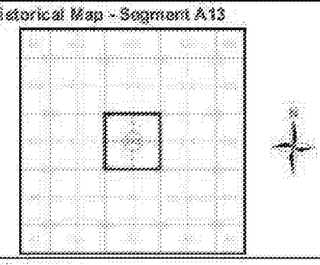
Sussex
Published 1932
Source map scale - 1:2,500

The historical maps shown were reproduced from maps progressively built to the scales adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The publication date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in mapping detail.

Map Name(s) and Date(s)



Historical Map - Segment A13



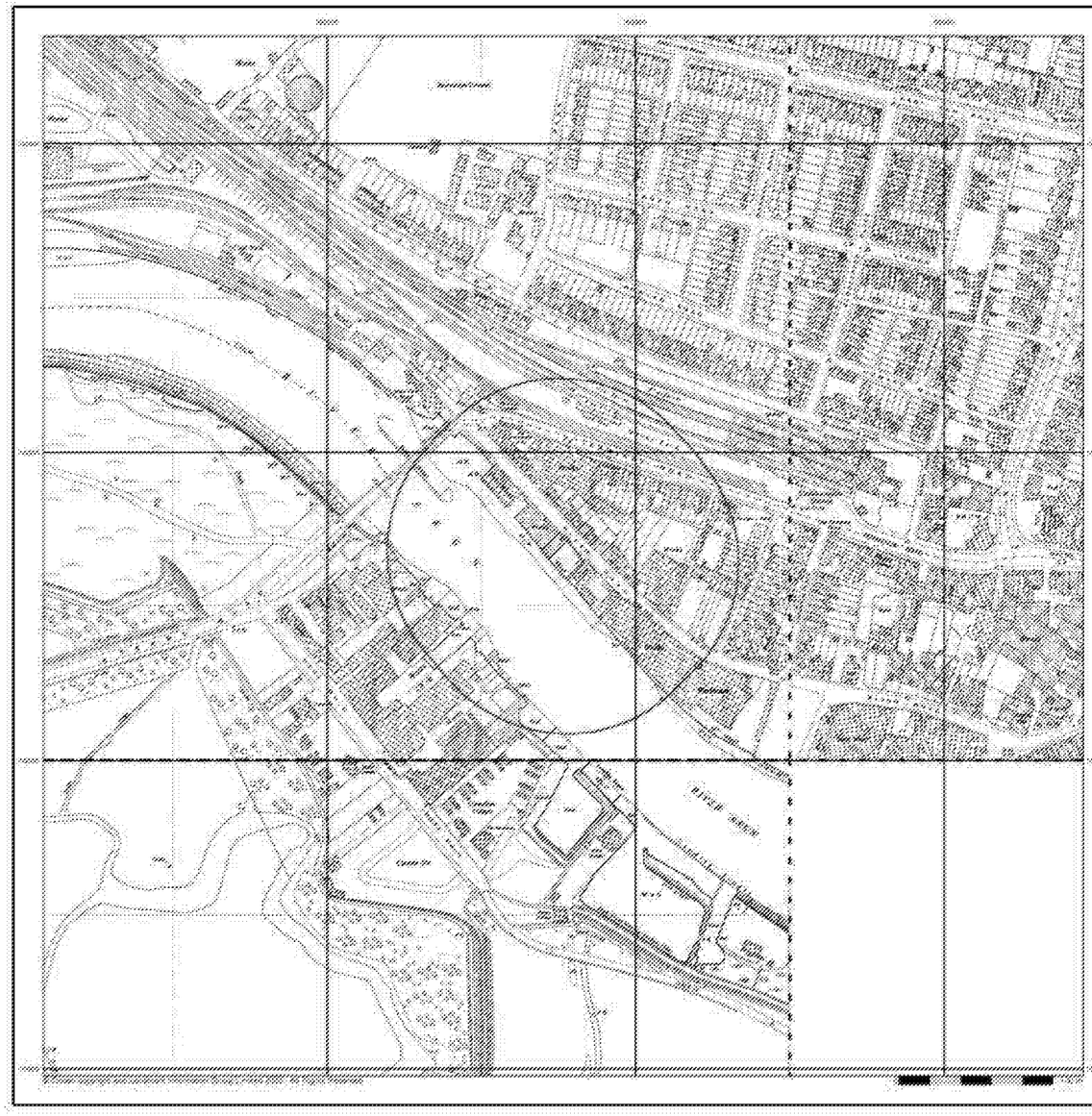
Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark



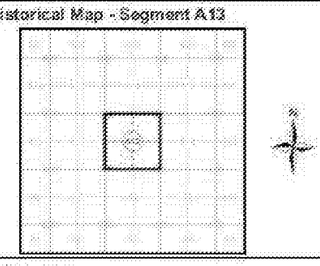
GeoSmart

Ordnance Survey Plan
Published 1958
Source map scale - 1:1,250

The historical maps shown were reproduced from maps progressively built to the scales adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The publication date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in mapping detail.

Map Name(s) and Date(s)

Historical Map - Segment A13



Order Details

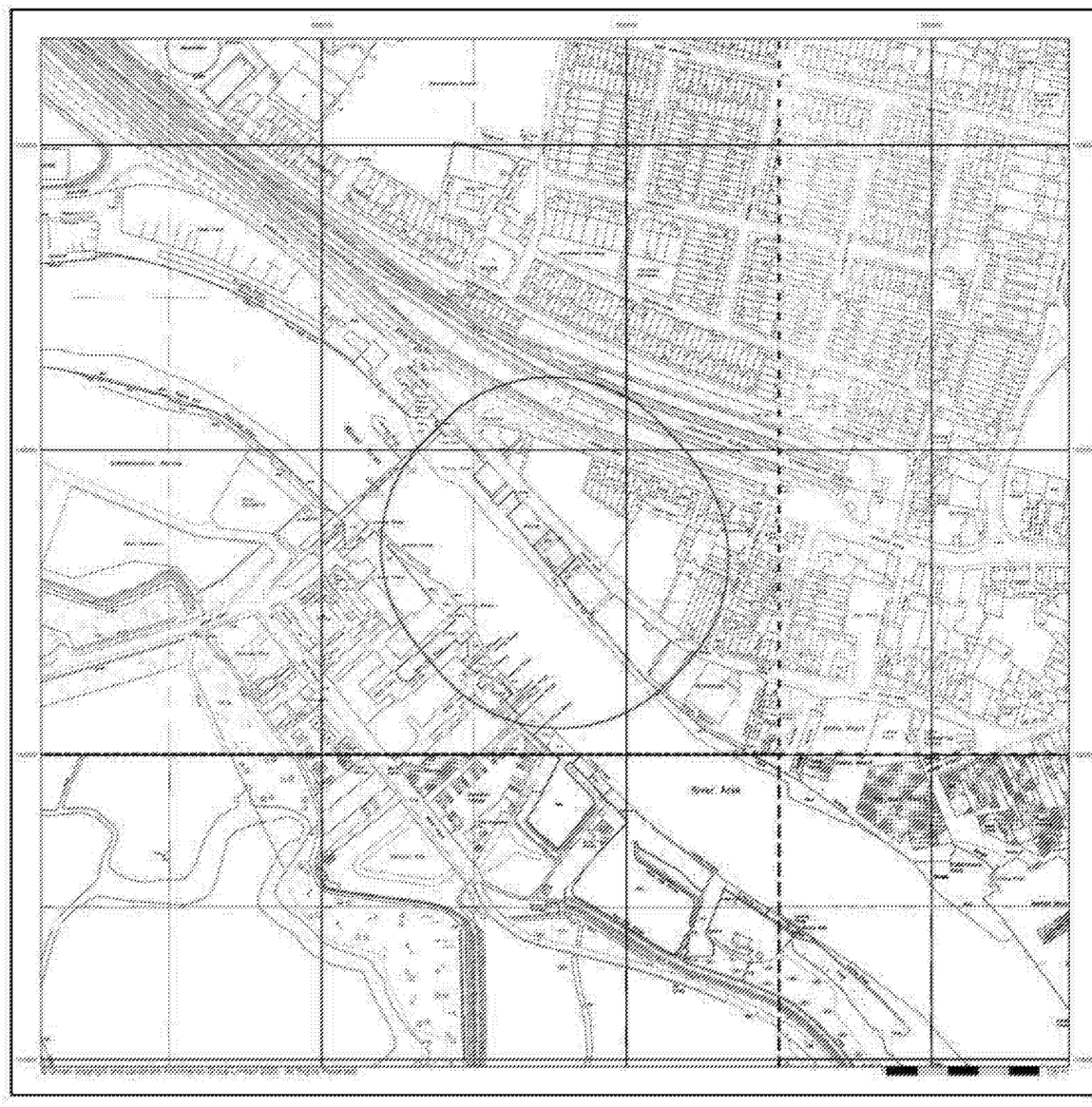
Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

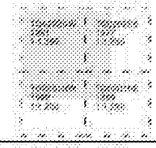


GeoSmart

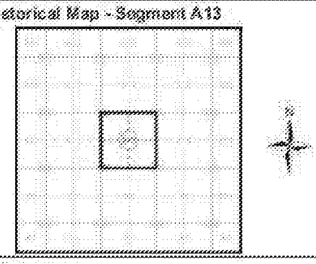
Additional SIMs
Published 1958 - 1991
Source map scale - 1:1,250

The SIM (Additional Surveys Stamp Information or Mondition) are further revised editions of mapping which were produced and published in between the main editions of an area map sheet. They date from 1958 to 1994, and contain detailed information on buildings, woodland features. These maps were produced at both 1:1,250 and 1:2,500 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



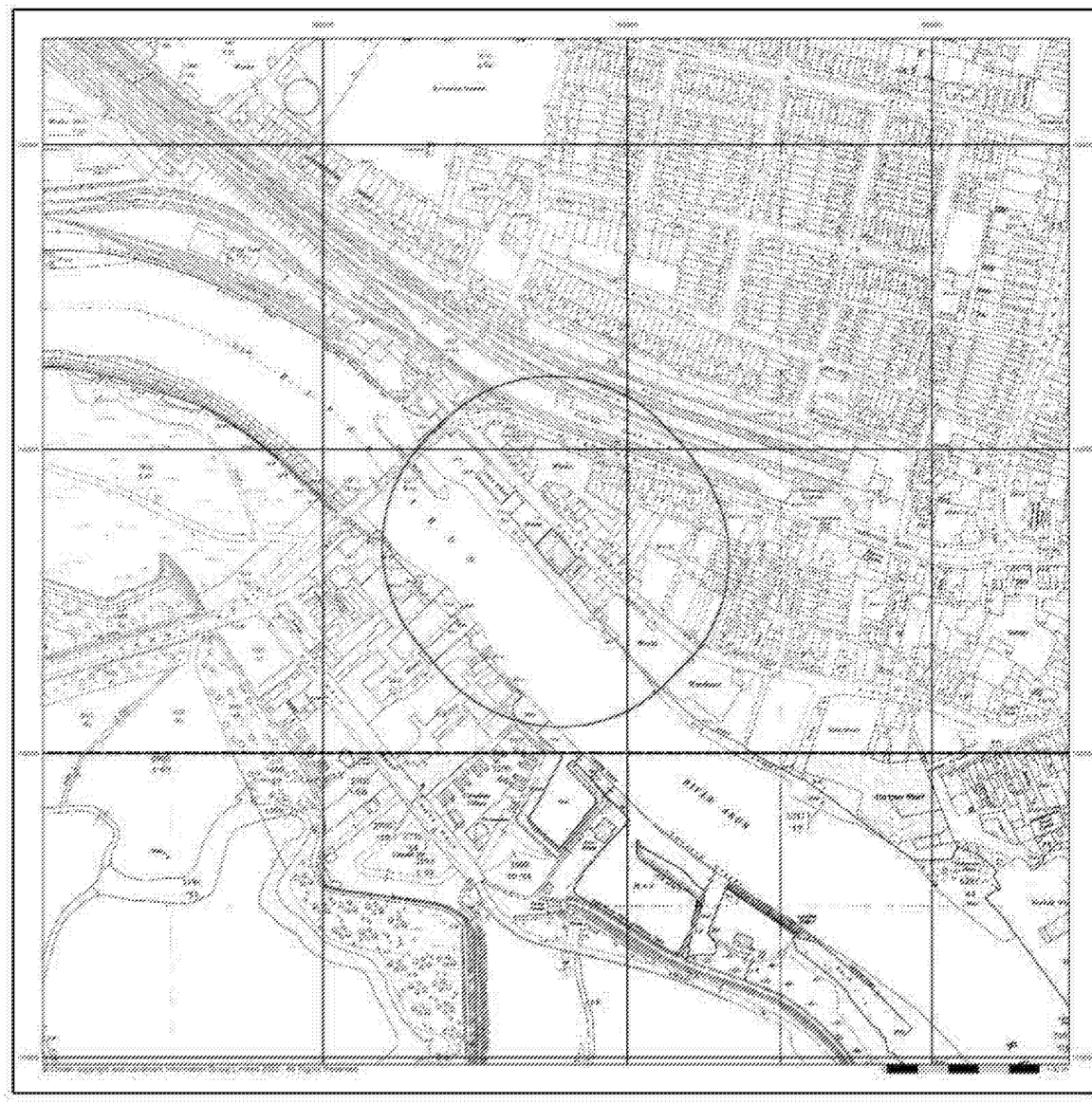
Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

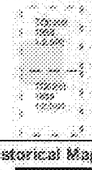


GeoSmart

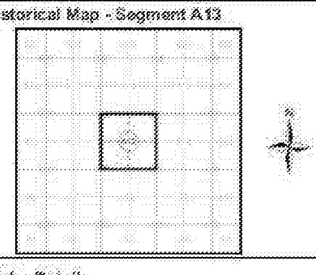
Ordnance Survey Plan
Published 1959
Source map scale - 1:2,500

The historical maps shown were derived from maps progressively built at the scale specified by England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what was considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1939, all GB maps were based on the Cassini projection, with independent surveys of a single county or group of counties, giving rise to significant discontinuities in mapping detail.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

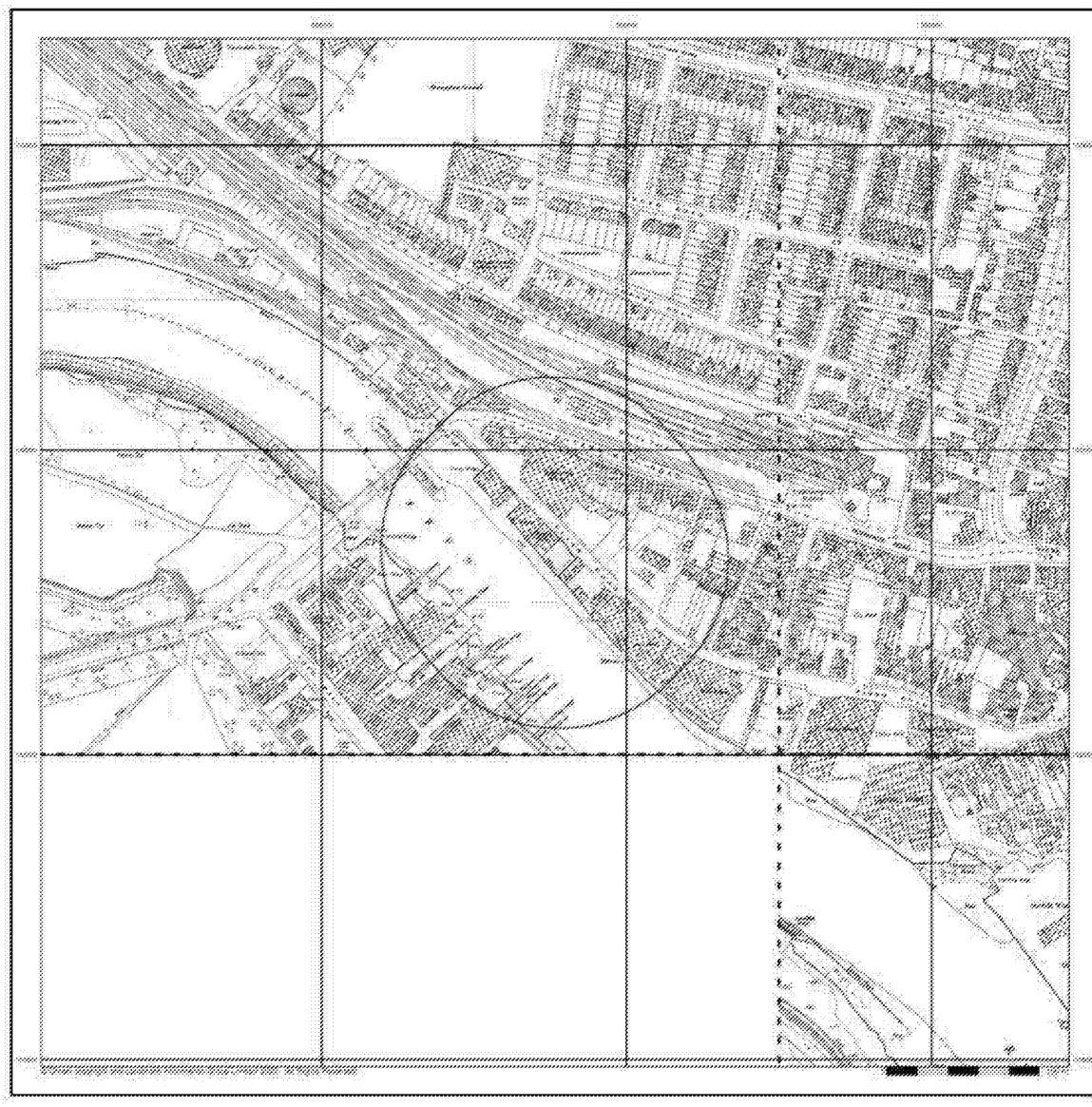
Order Number:	247085898_1_1
Customer Ref.:	66163.526
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

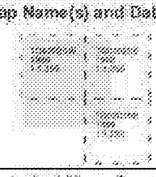


GeoSmart

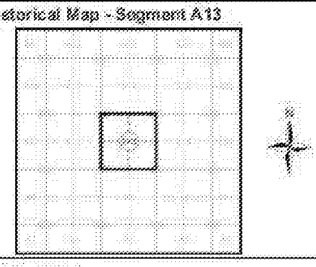
Ordnance Survey Plan
Published 1968
Source map scale - 1:1,250

The historical maps shown were reproduced from maps progressively held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The publication date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inconsistencies in edging areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



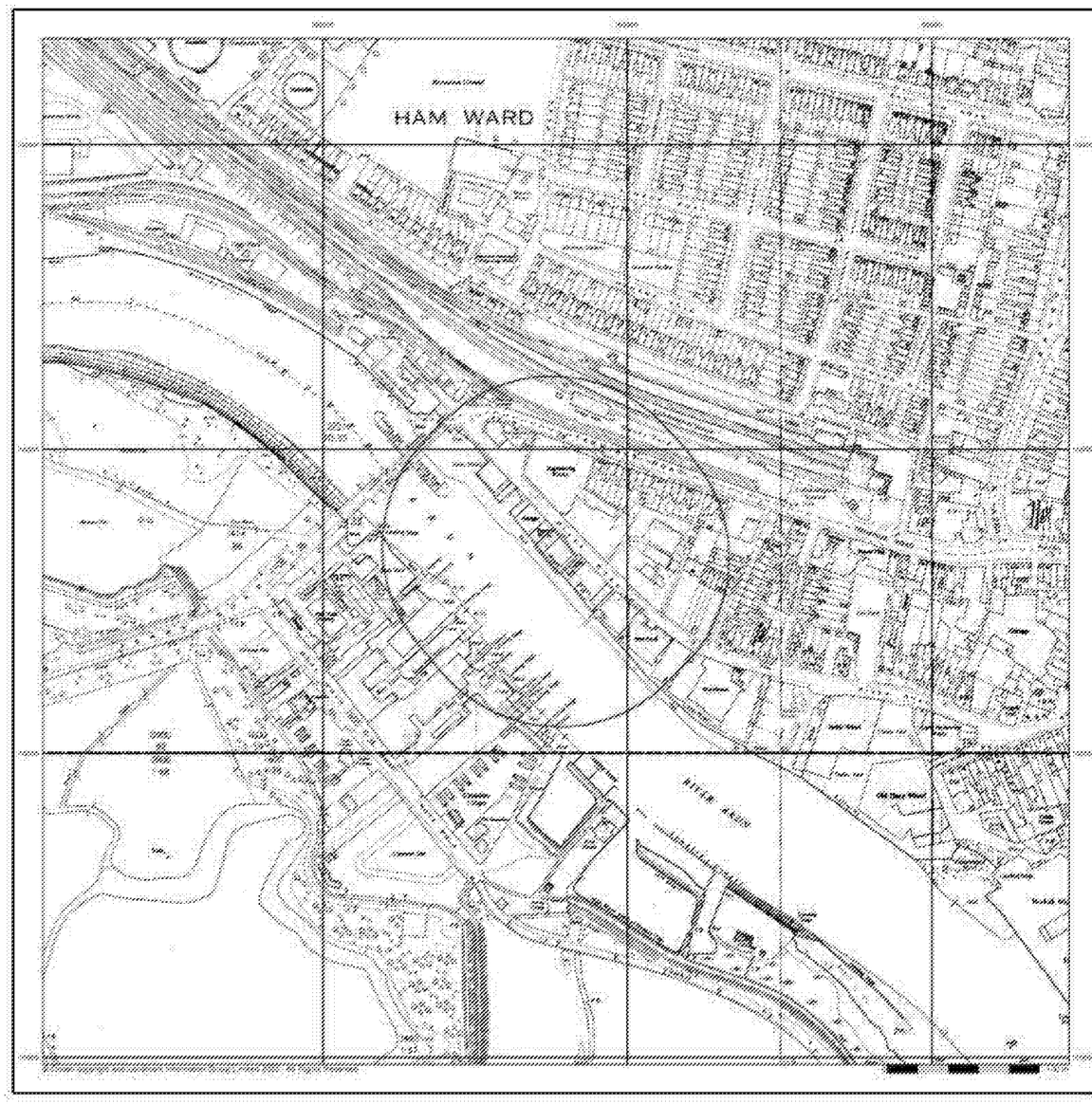
Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark



GeoSmart

Ordnance Survey Plan
Published 1970
Source map scale - 1:2,500

The historical maps shown were reproduced from maps progressively held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1890 it covered the whole of what were considered to be the cultivated parts of Great Britain. The publication date given below is often some years later than the surveyed date. Before 1936, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inconsistencies in edging areas.

Map Name(s) and Date(s)

Historical Map - Segment A13

Order Details

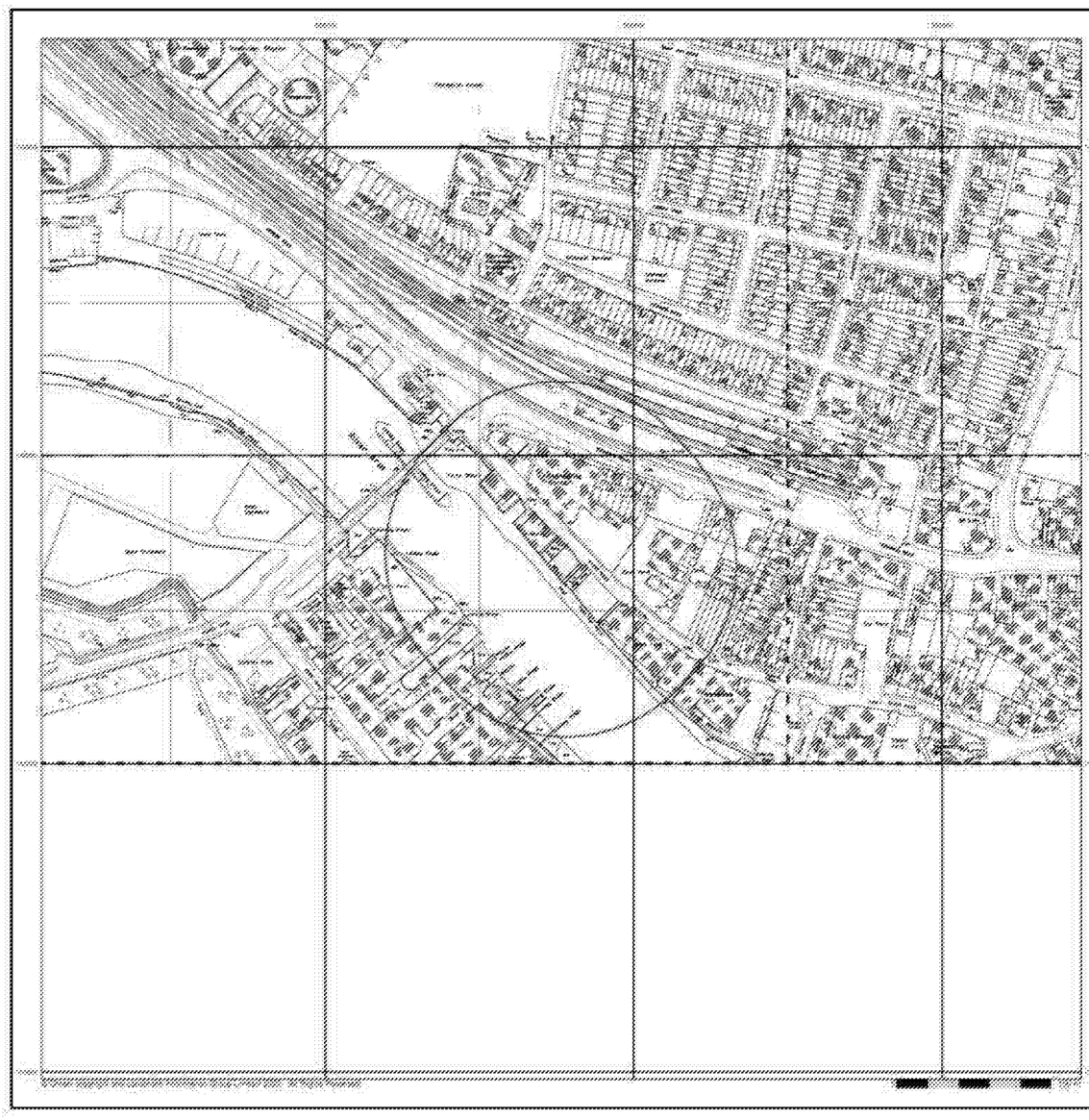
Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.65
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

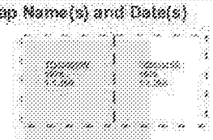


GeoSmart

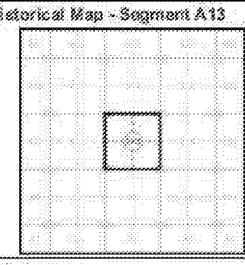
Ordnance Survey Plan
Published 1976
Source map scale - 1:1,250

The historical mapping shown was reproduced from maps produced using the scale adopted for Ireland, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and in 1855 it replaced the whole of what were considered to be the outlying parts of Great Britain. The exceptions were parts of Lancashire and Yorkshire, which were mapped at 6 inches to 1 mile (1:10,560) and Cumberland, Westmorland and Monmouthshire, which were mapped at 25 inches to 1 mile (1:2,500). All OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties giving rise to significant discontinuities at county edges.

Map Name(s) and Date(s)



Historical Map - Segment A13

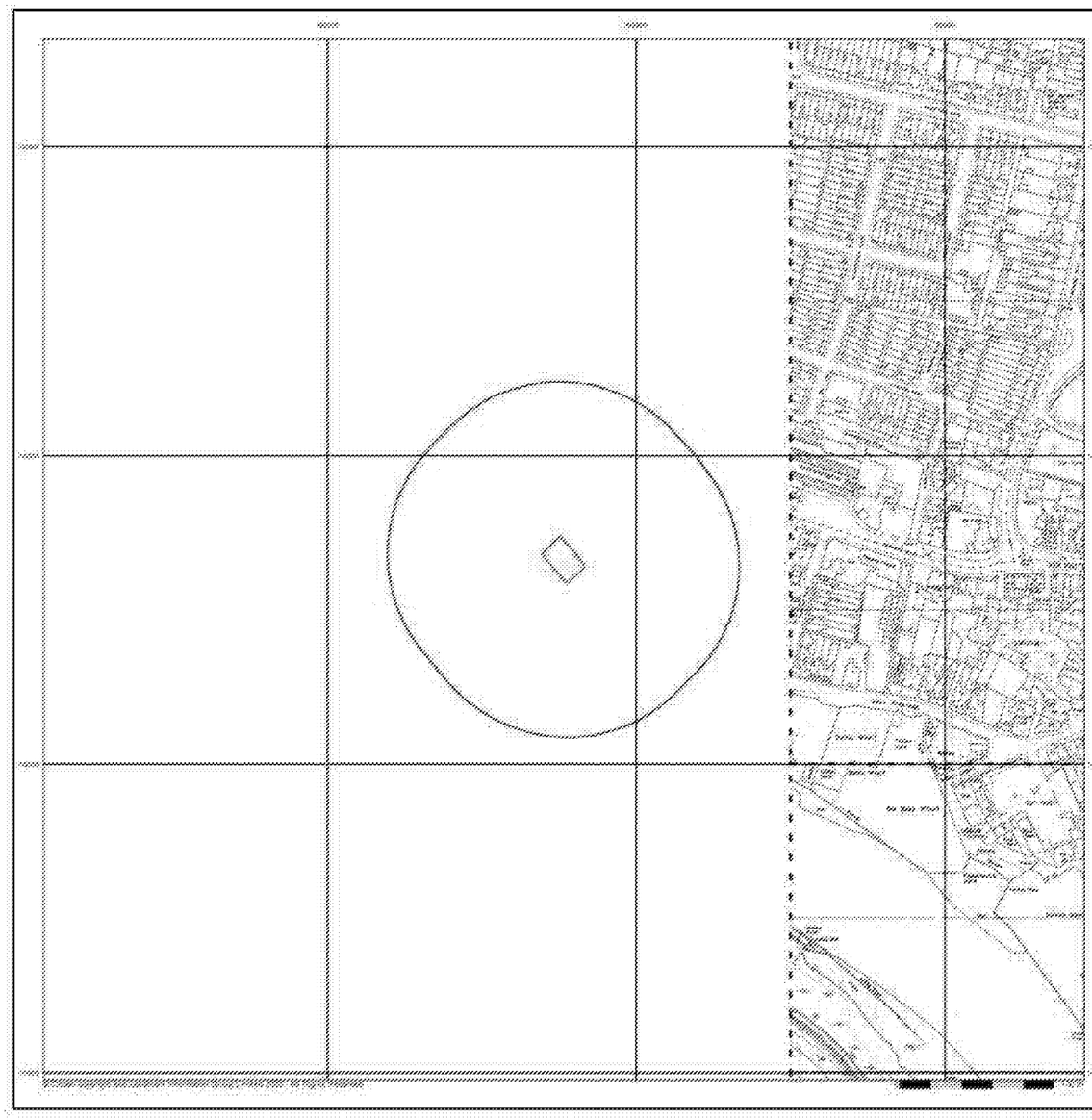


Order Details

Order Number:	247085898_1_1
Customer Ref:	66153.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details
57 River Road, Littlehampton, BN17 0BF

Landmark

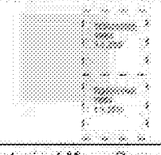


GeoSmart

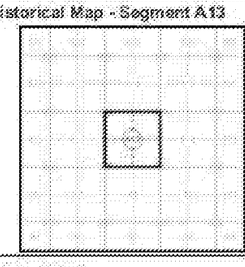
Additional SIMs
Published 1984
Source map scale - 1:1,250

The SIM cards Ordnance Survey's 'Survey of commercial or Miscellaneous uses' - colour editions of mapping which were produced and published between the main editions of an area was updated. They date from 1967 to 1995, and comprise sections of Hampshire and Surrey, Kent and Lancashire. These maps were produced at both 1:1,250 and 1:2,500 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



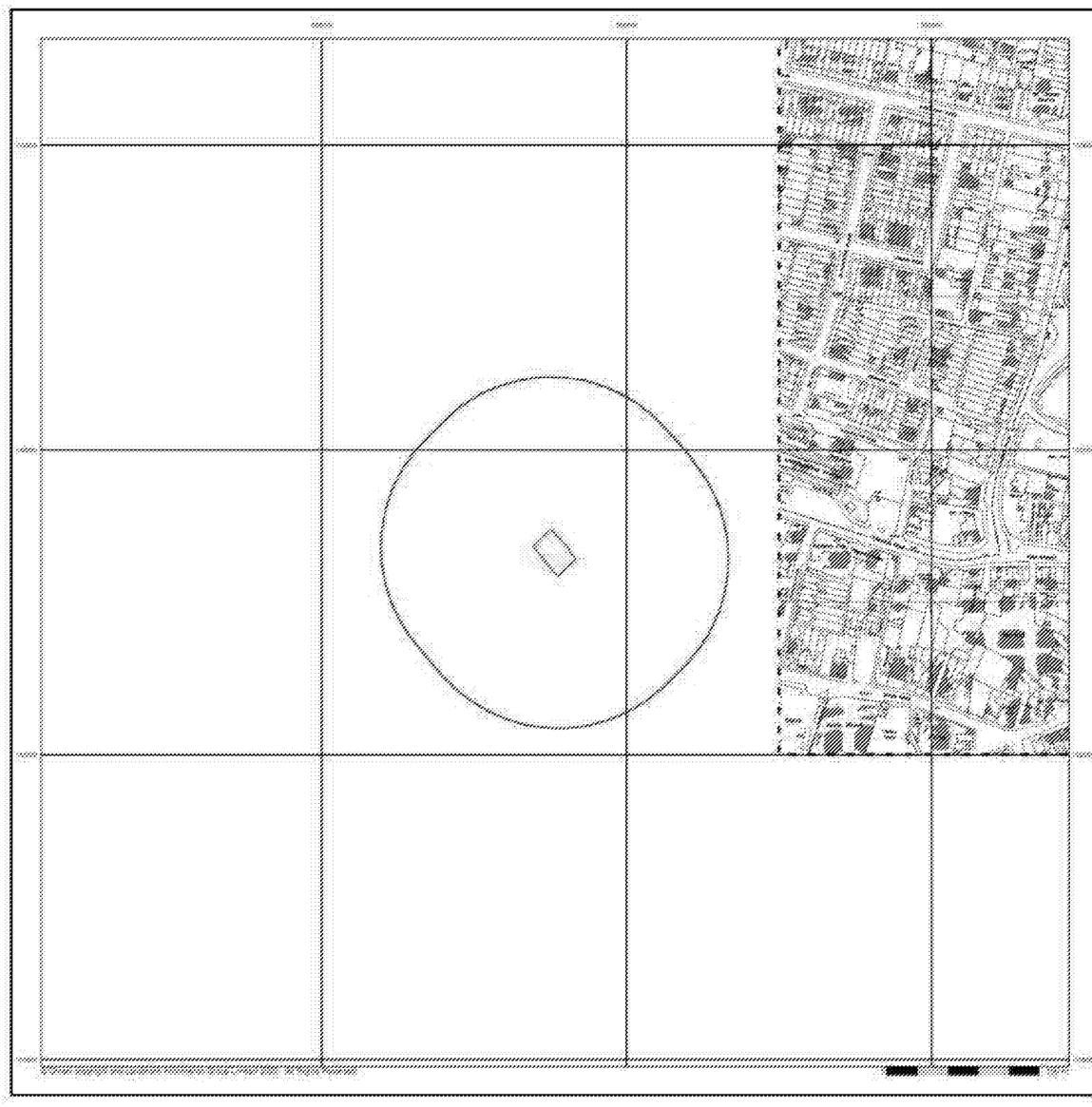
Order Details

Order Number:	247085898_1_1
Customer Ref:	66153.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details
57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL



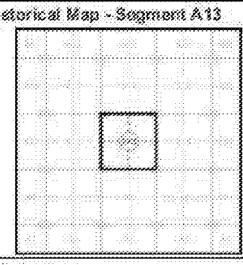
GeoSmart

Ordnance Survey Plan
Published 1987
Source map scale - 1:1,250

The historical maps shown were reproduced from maps produced and held at the scale adopted for Ireland, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and in 1892 it replaced the whole of what were considered to be the outlying parts of most towns. The previously date-given 'edition' is often some years later than the surveyed date (before 1936, all OS maps were based on the Cassini Projection), with independent surveys of a single county or group of counties going on to significant revision over a varying period.

Map Name(s) and Date(s)

Historical Map - Segment A13

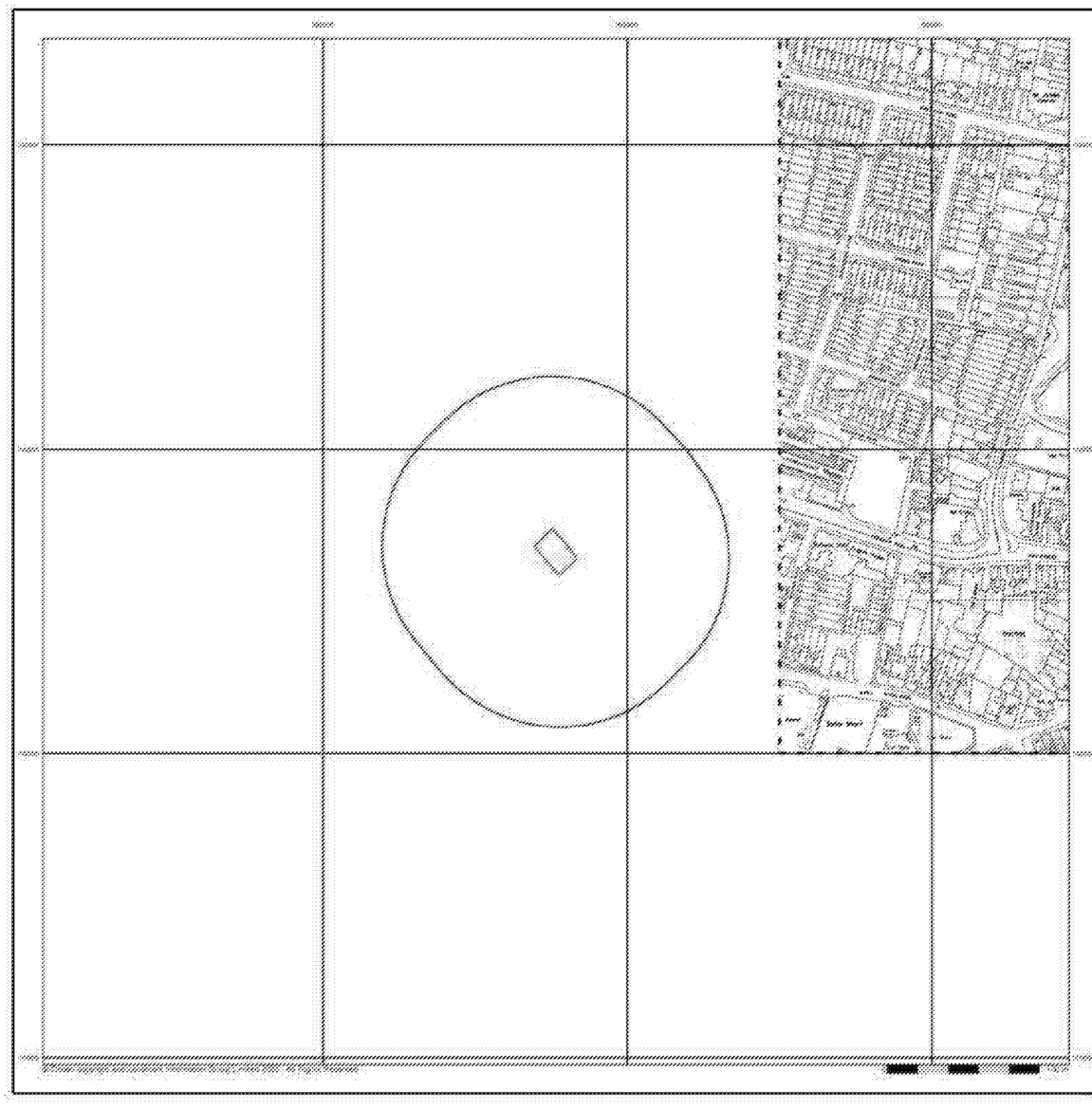


Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
Search Buffer (m):	100

Site Details
57 River Road, Littlehampton, BN17 0BF

Landmark



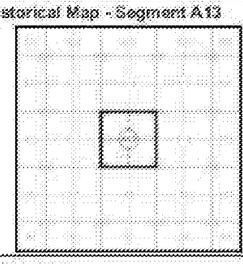
GeoSmart

Additional SIMs
Published 1987
Source map scale - 1:1,250

The SIM cards Ordnance Survey's 'Survey of commercial or Municipal use' covers, colour editions of mapping which were produced and published between the main editions of an area was updated. They date from 1937 to 1995, and comprise sections of Ordnance Survey plans, roads and landuse. These maps were produced at both 1:1,250 and 1:2,500 scales.

Map Name(s) and Date(s)

Historical Map - Segment A13



Order Details

Order Number:	247085898_1_1
Customer Ref.:	66163.626
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.05
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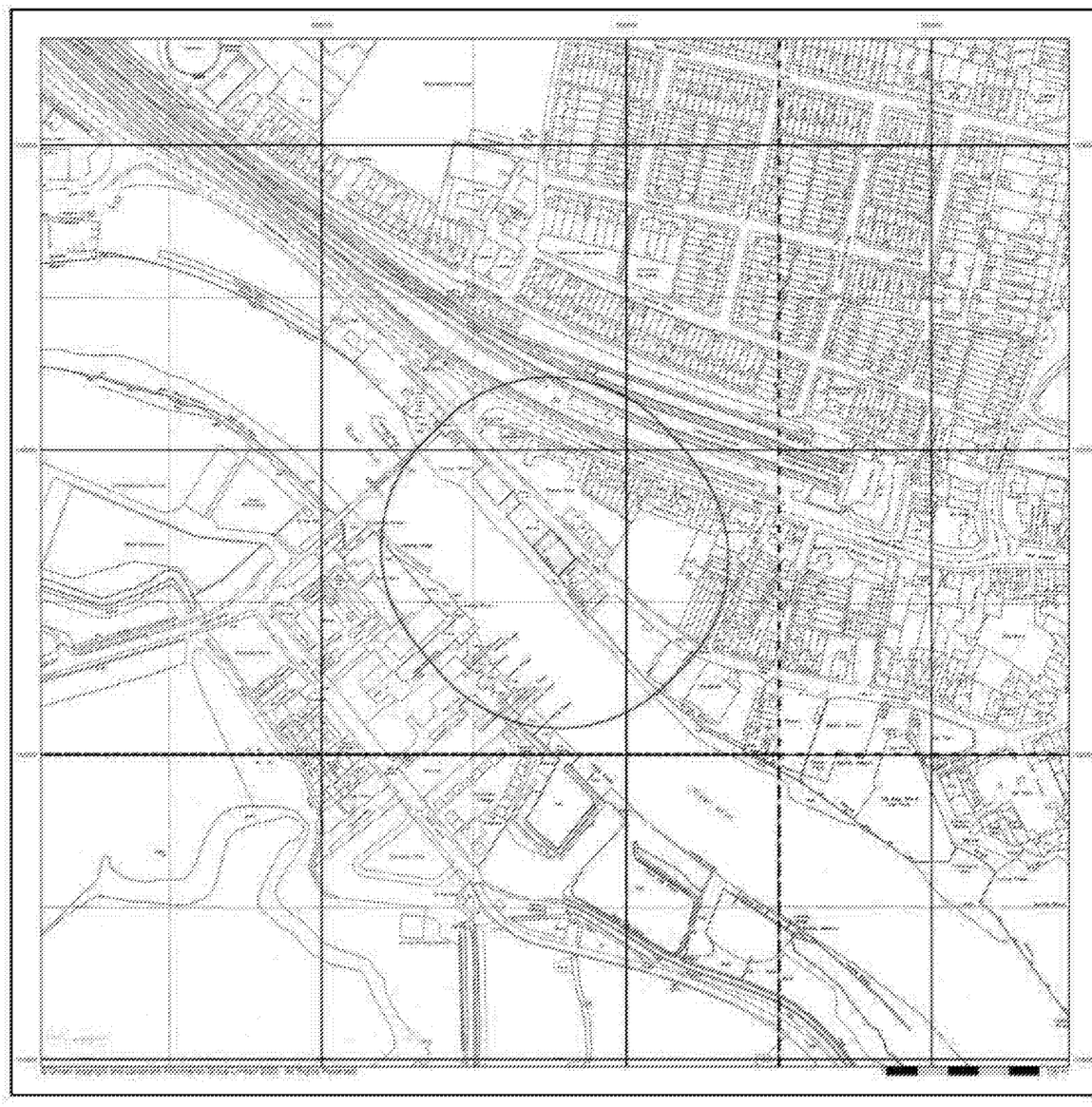
Site Details
57 River Road, Littlehampton, BN17 0BF

Landmark

ARUN DISTRICT COUNCIL LU/247/20/PL

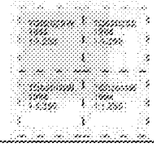


GeoSmart

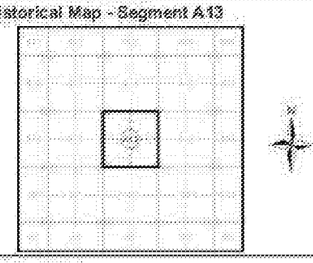
Large-Scale National Grid Data
Published 1994
Source map scale - 1:1,250

Large Scale National Grid Data is provided OS vector formats (Ordnance Survey's Survey of Information for Modernisation in 1995, and continued to be produced until 1999). These maps were the conversions of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced in both 1:1,250 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



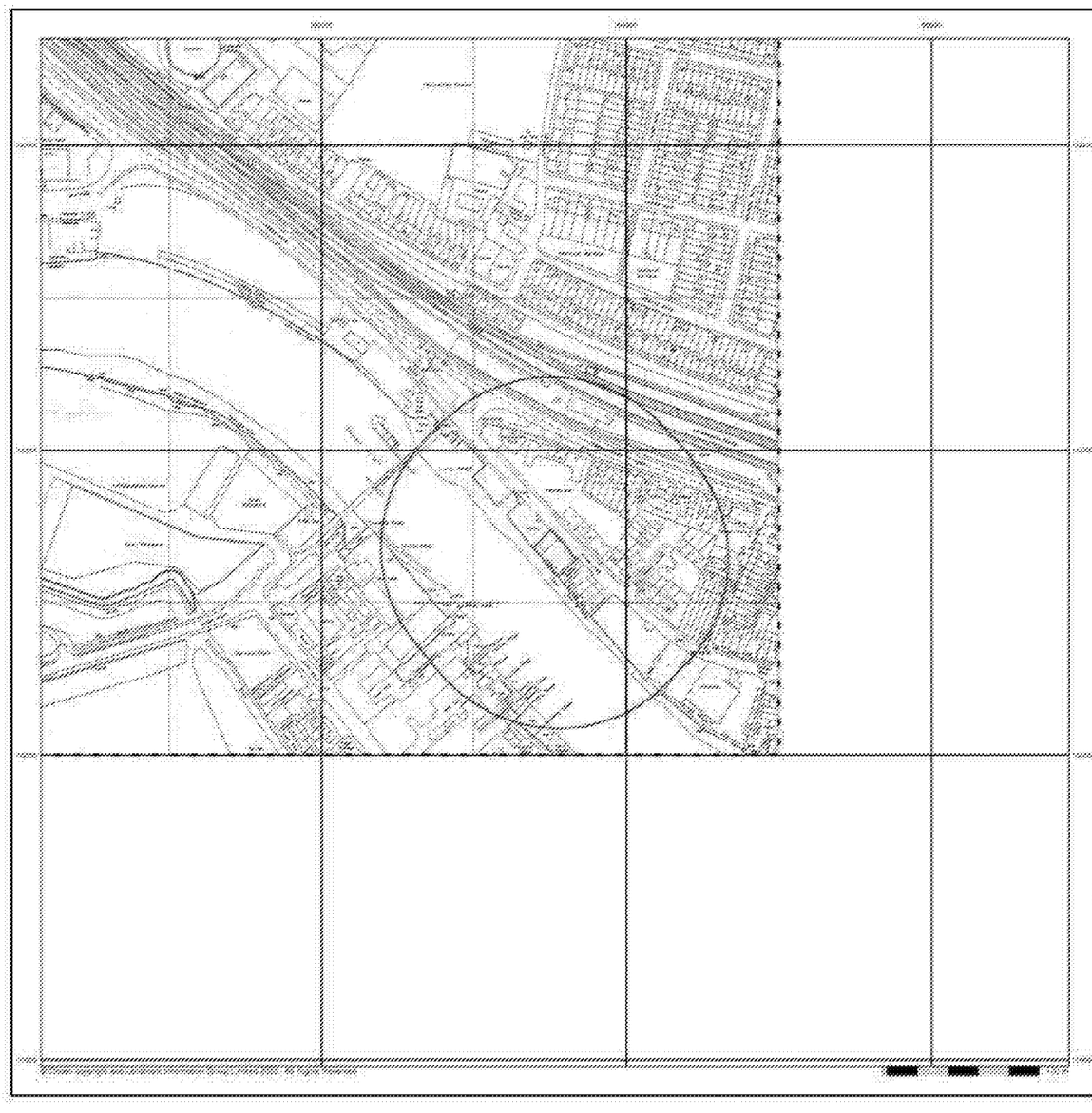
Order Details

Order Number:	247085698_1_1
Customer Ref:	66163.525
National Grid Reference:	502350, 102130
Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BP

Landmark

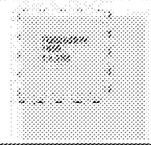


GeoSmart

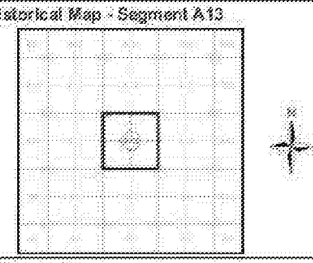
Large-Scale National Grid Data
Published 1995
Source map scale - 1:1,250

Large Scale National Grid Data is provided OS vector formats (Ordnance Survey's Survey of Information for Modernisation in 1995, and continued to be produced until 1999). These maps were the conversions of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced in both 1:1,250 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	247085698_1_1
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Slice:	A
Site Area (Ha):	0.55
Search Buffer (m):	100

Site Details

57 River Road, Littlehampton, BN17 0BP

Landmark