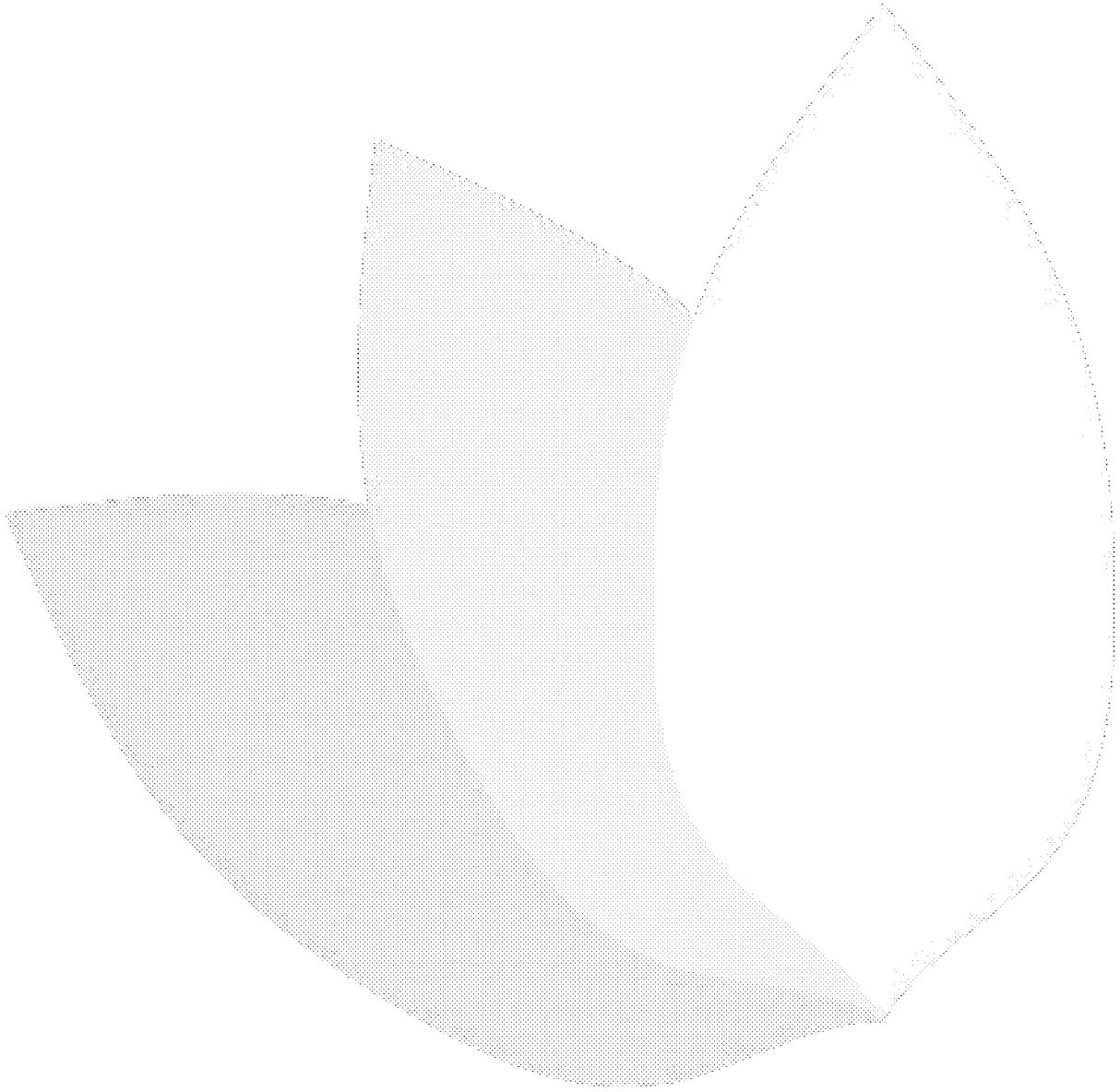
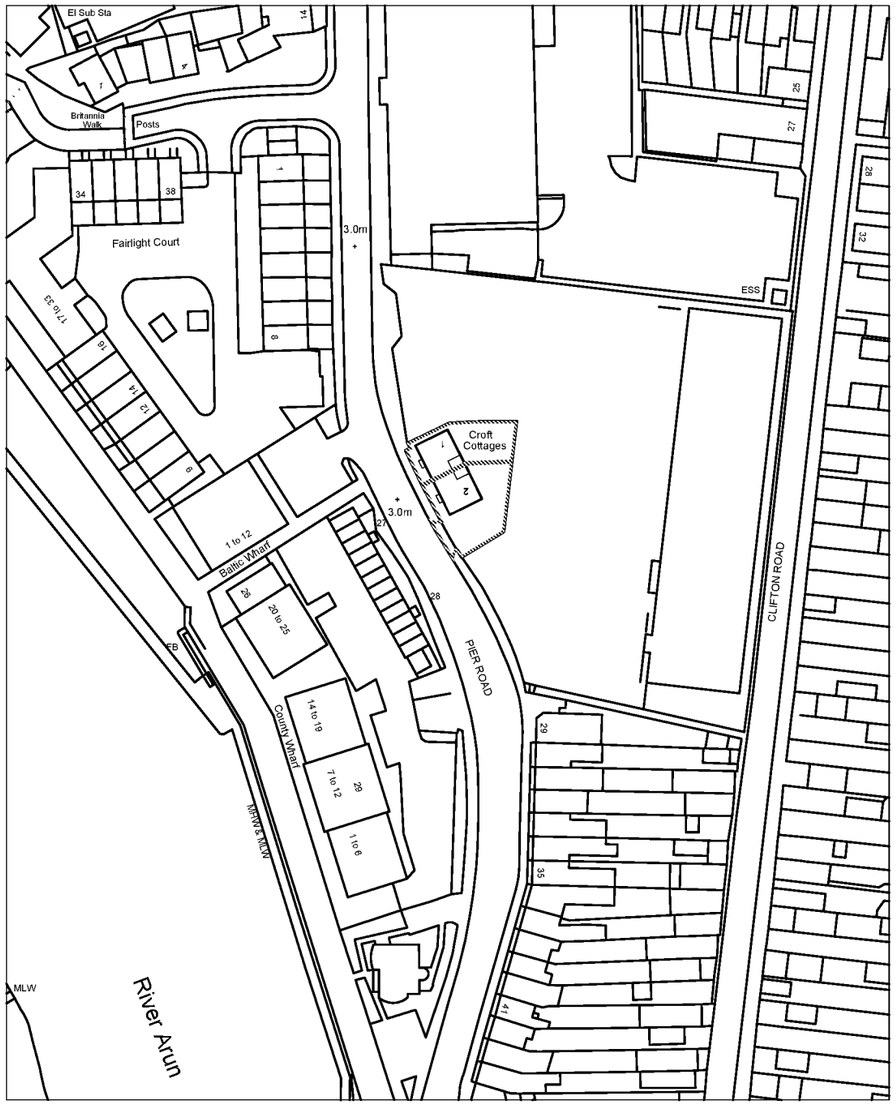
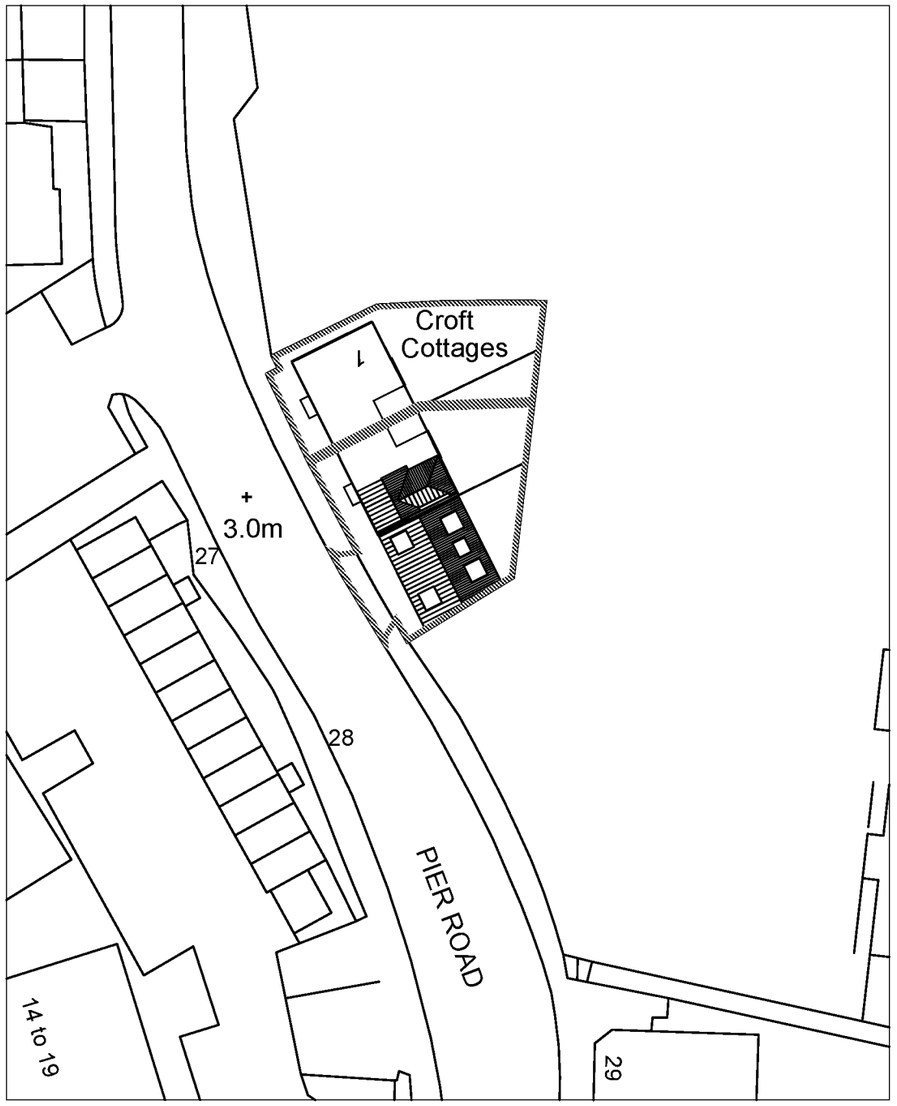
APPENDIX A: Proposed Redevelopment Plans



ARUN DISTRICT COUNCIL LU/44/21/DOC



Location Plan: 1:1250



Block Plan: 1:500

2 Croft Cottages
Pier Road
Littlehampton
BN17 5LS

SITE PLANS

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Revisions
a) Note/Date/Initial
b)
c)

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Contact: 02392 474 919 | info@caad.online
The Old Brewery,15E South Street, Havant, PO9 1BU

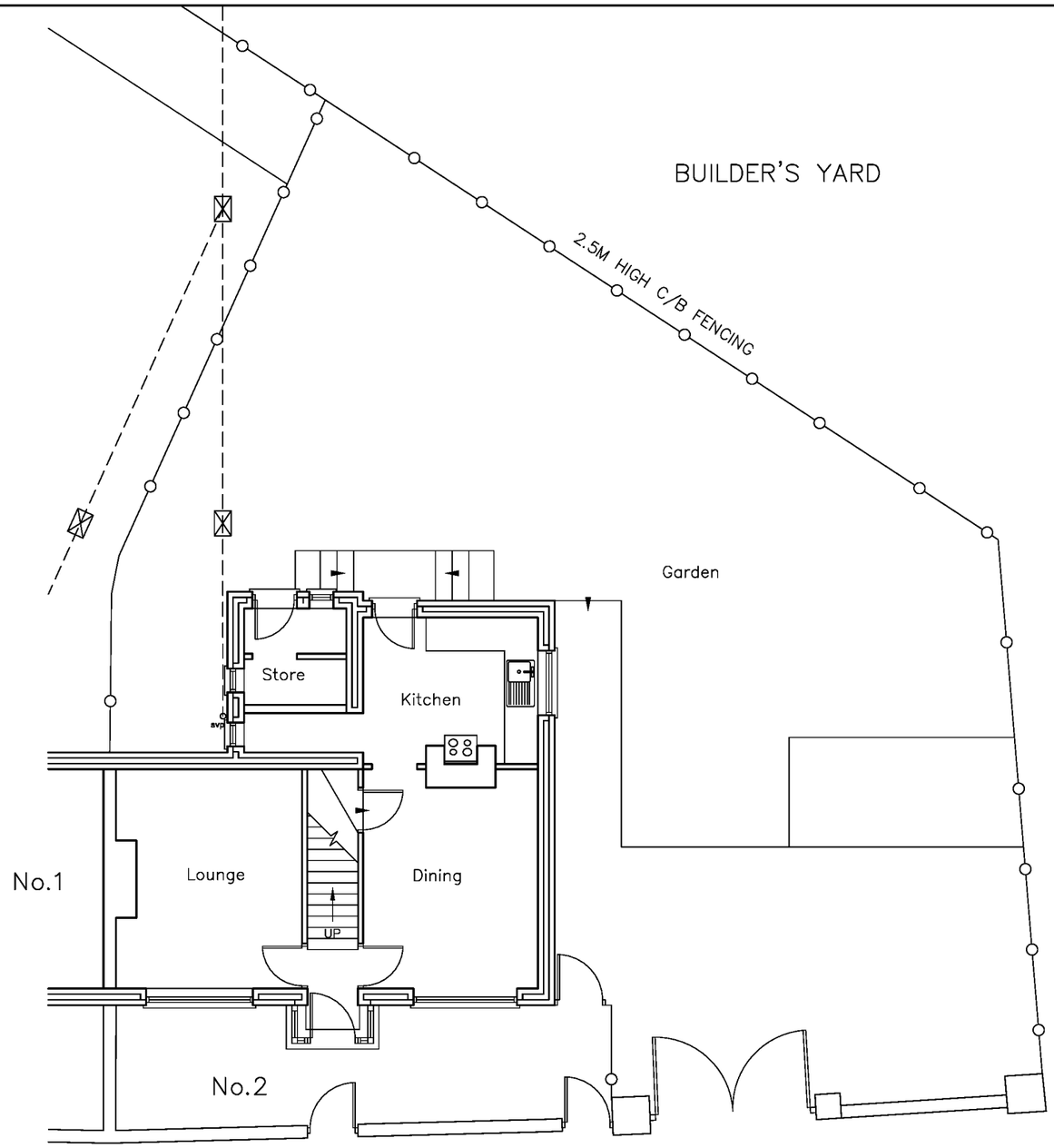
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Date 15/05/19

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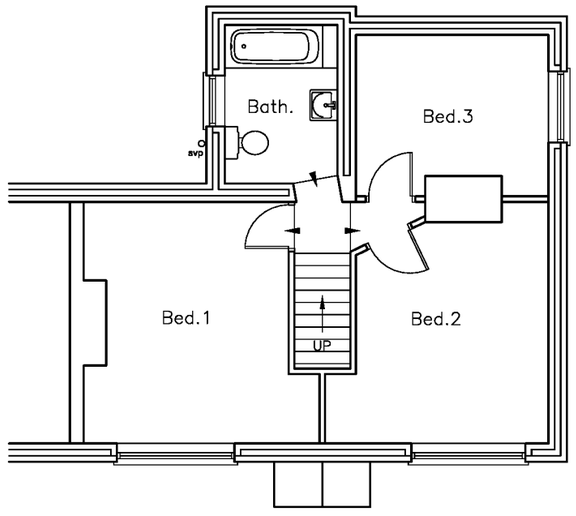
19023–101

0m 10m 20m 30m 40m 50m

0m 10m 20m 30m 40m 50m



GROUND



FIRST

2 Croft Cottages
Pier Road
Littlehampton
BN17 5LS

SURVEY FLOOR PLANS

Revisions
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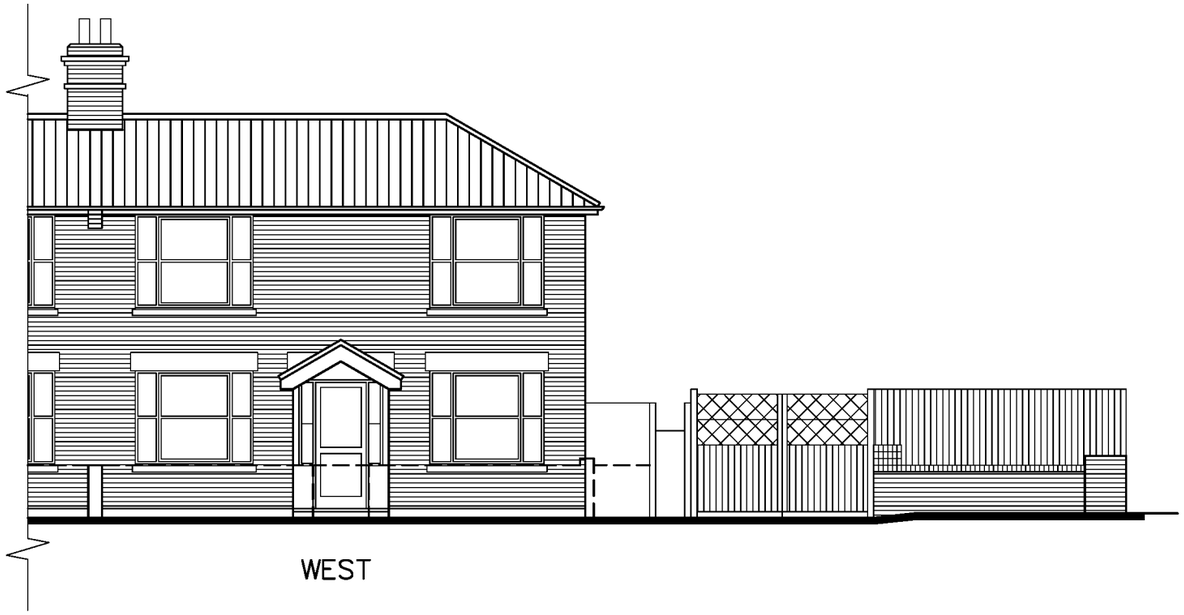
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Date 04/03/19

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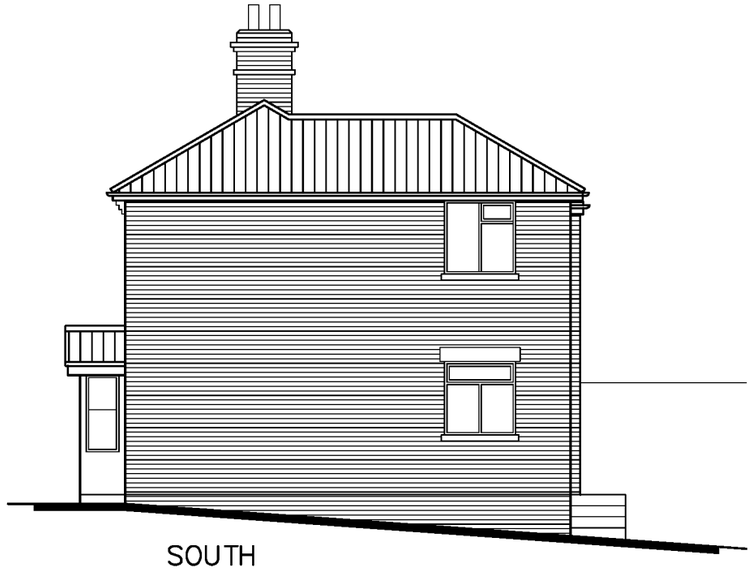
19023–201

10m 20m 30m 40m

ARUN DISTRICT COUNCIL LU/44/21/DOC



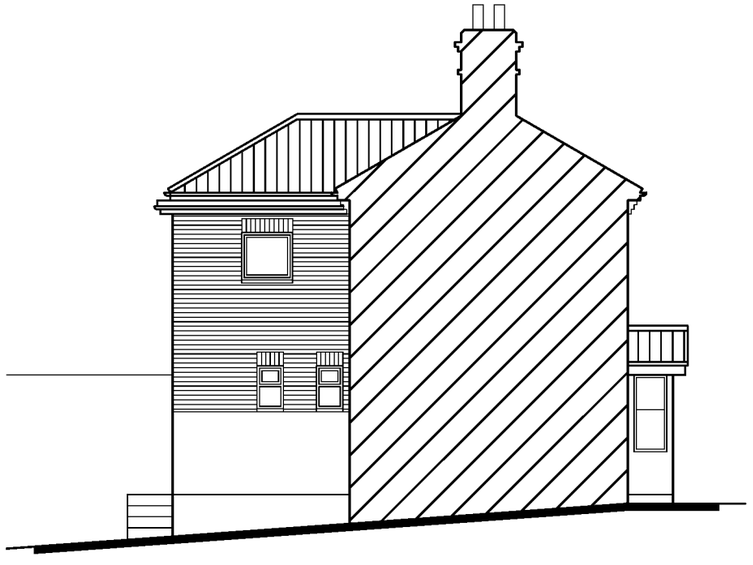
WEST



SOUTH



EAST



NORTH

2 Croft Cottages
Pier Road
Littlehampton
BN17 5LS

SURVEY ELEVATIONS

Revisions
a) Note/Date/Initial
b)
c)
d)

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The Old Brewery,15E South Street, Havant, PO9 1BU

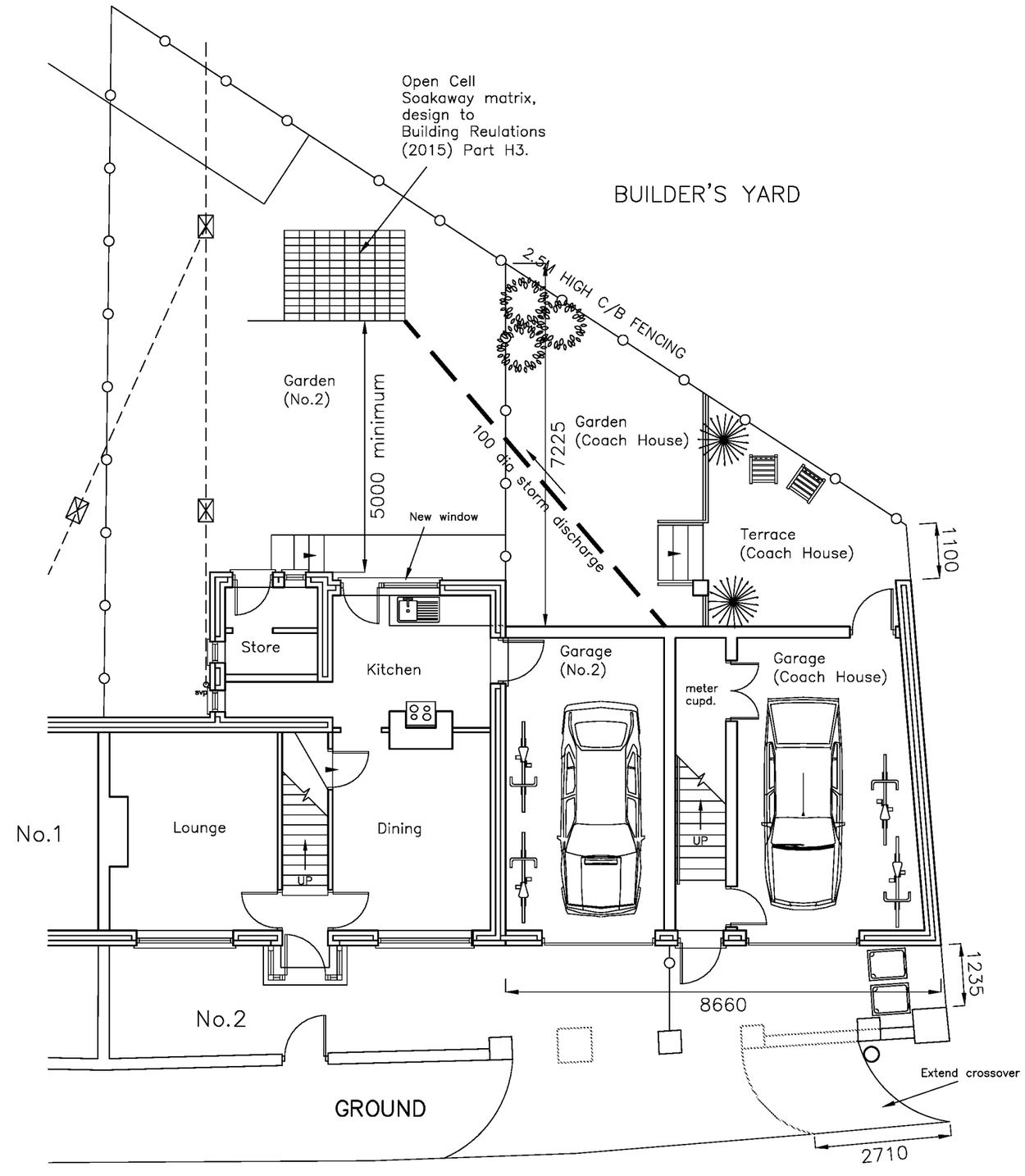
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Date 04/03/19

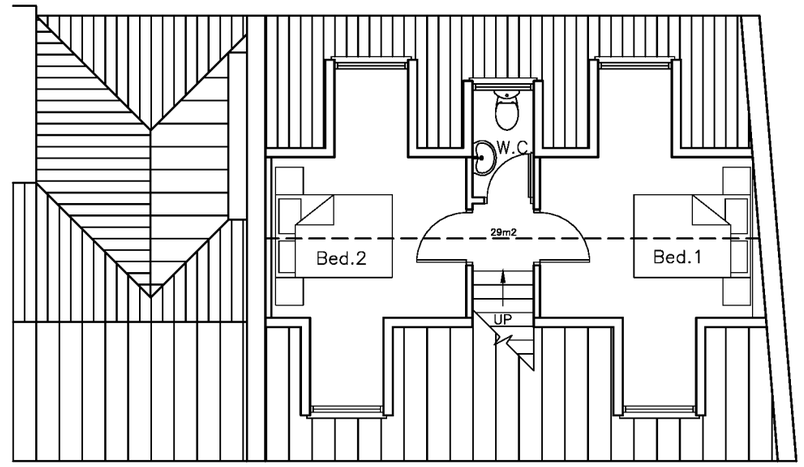
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19023–301

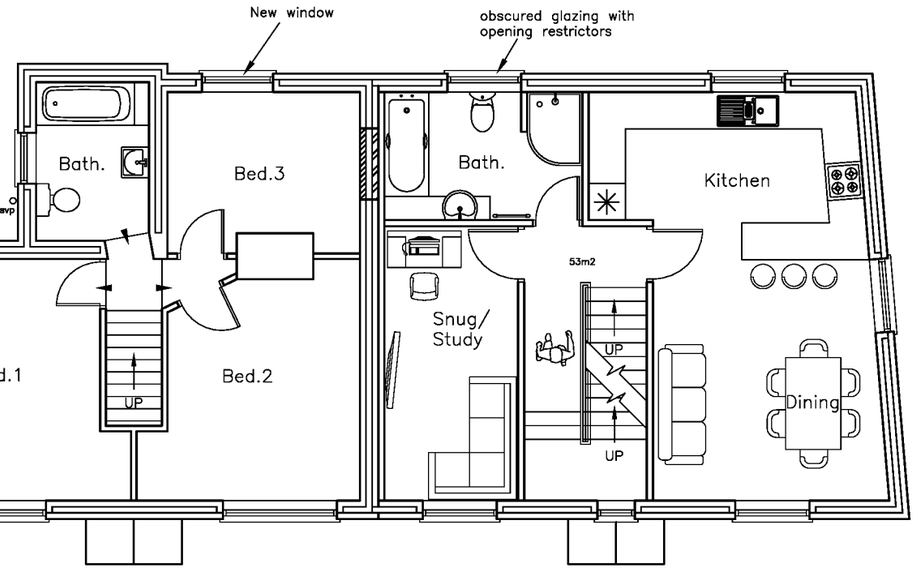
10m 20m 30m 40m

ARUN DISTRICT COUNCIL LU/44/21/DOC





SECOND



FIRST

2 Croft Cottages
Pier Road
Littlehampton
BN17 5LS

PROPOSED FLOOR PLANS

Revisions
a) Client revisions/21.03.19/JHL
b) Client revisions/02.04.19/JHL
c) Flipped Plan/08.04.19/JHL
d)

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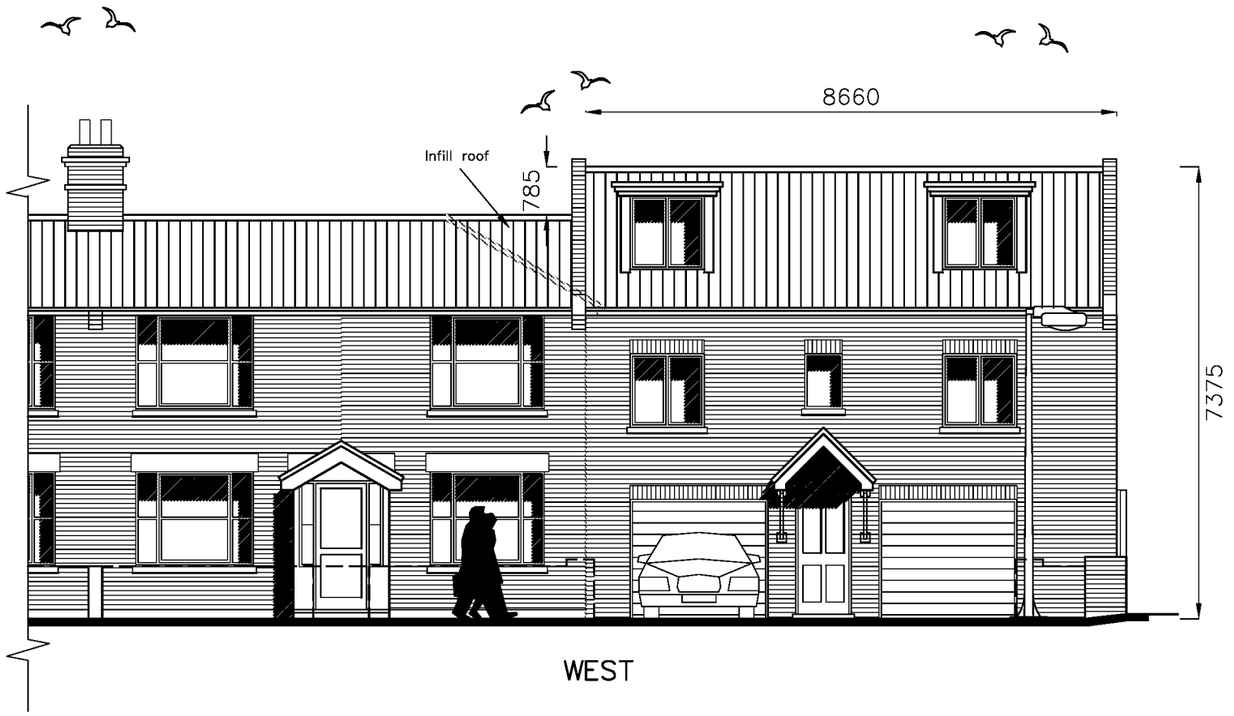
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Date 07/03/19

C

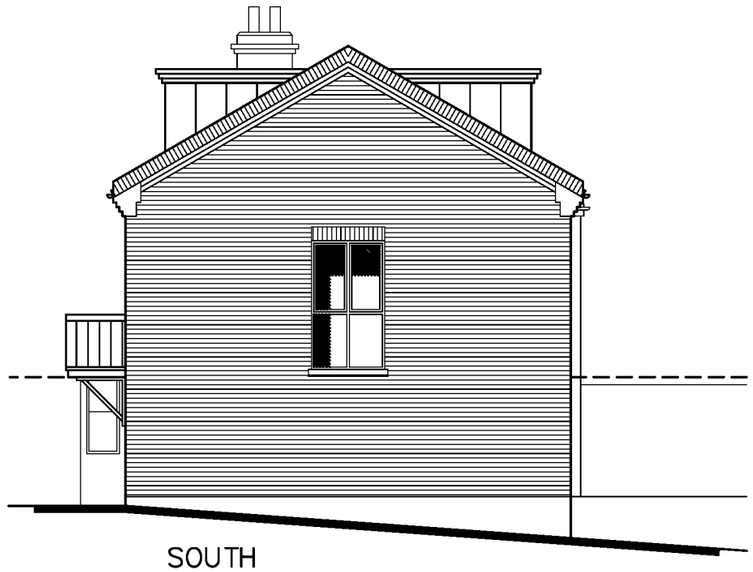
19023–401

10m 20m 30m 40m

ARUN DISTRICT COUNCIL LU/44/21/DOC



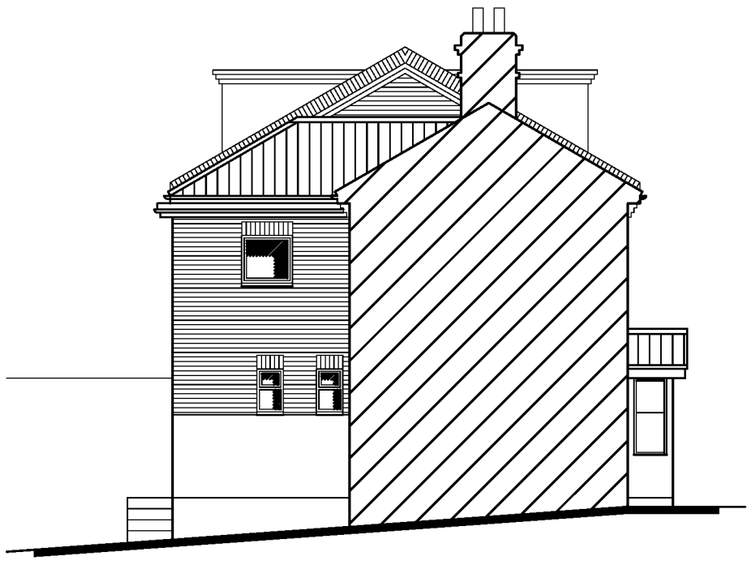
WEST



SOUTH



EAST



NORTH

2 Croft Cottages
Pier Road
Littlehampton
BN17 5LS

PROPOSED ELEVATIONS

Revisions
a) Client revisions/02.04.19/JHL
b)
c)
d)

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The Old Brewery, 65E South Street, Havant, PO9 1BU

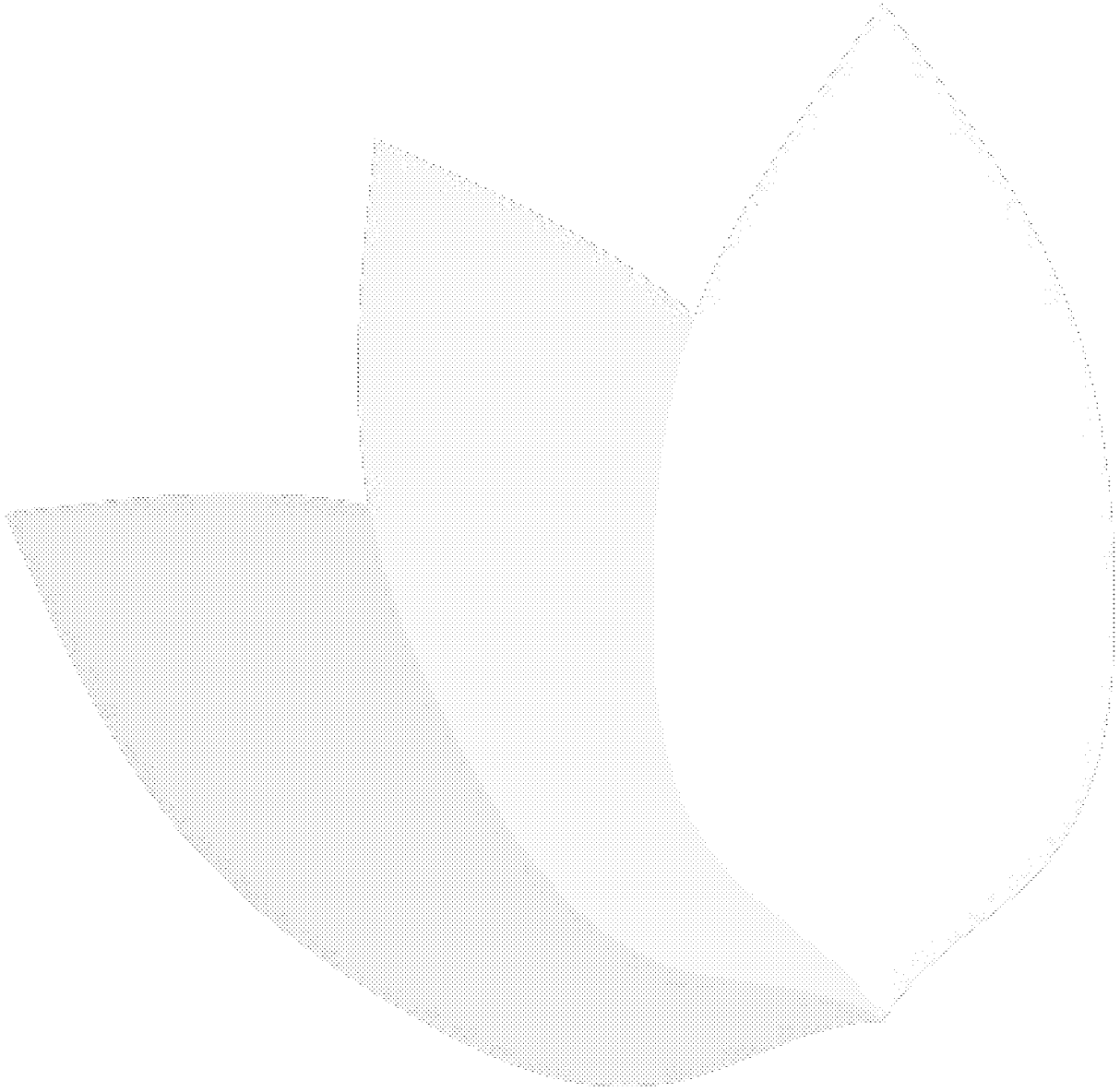
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Date 21/03/19

A
19023–502

10m 20m 30m 40m

ARUN DISTRICT COUNCIL LU/44/21/DOC

APPENDIX B: EnviroInsight & GeoInsight Reports



Groundsure
LOCATION INTELLIGENCE

Enviro+Geo
Insight

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Order Details

Date: 20/01/2021

Your ref: YEX1708

Our Ref: GS-7447836

Client: YourEnvironment

Site Details

Location: 502748 101853

Area: 0.02 ha

Authority: Arun District Council



Summary of findings p. 2

OS MasterMap site plan p.13

Aerial image p. 8

groundsure.com/insightuserguide

Contact us with any questions at:
info@groundsure.com
08444 159 000

ARUN DISTRICT COUNCIL LU/44/21/DOC

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	Historical industrial land uses	2	13	13	52	-
18	1.2	Historical tanks	0	1	9	8	-
19	1.3	Historical energy features	0	0	10	24	-
20	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	Historical garages	0	0	2	7	-
21	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
22	2.1	Historical industrial land uses	3	21	18	81	-
27	2.2	Historical tanks	0	1	10	8	-
28	2.3	Historical energy features	0	0	24	55	-
31	2.4	Historical petrol stations	0	0	0	0	-
31	2.5	Historical garages	0	0	3	10	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
33	3.1	Active or recent landfill	0	0	0	0	-
33	3.2	Historical landfill (BGS records)	0	0	0	0	-
34	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
34	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
34	3.5	Historical waste sites	0	0	0	0	-
34	3.6	Licensed waste sites	0	0	0	0	-
34	3.7	Waste exemptions	0	0	23	8	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
38	4.1	Recent industrial land uses	0	2	18	-	-
40	4.2	Current or recent petrol stations	0	0	0	0	-
40	4.3	Electricity cables	0	0	0	0	-
40	4.4	Gas pipelines	0	0	0	0	-
40	4.5	Sites determined as Contaminated Land	0	0	0	0	-

ARUN DISTRICT COUNCIL LU/44/21/DOC

40	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
41	4.7	Regulated explosive sites	0	0	0	0	-
41	4.8	Hazardous substance storage/usage	0	0	0	0	-
41	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
41	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
41	**4.11**	**Licensed pollutant release (Part A(2)/B)**	0	0	0	1	-
42	4.12	Radioactive Substance Authorisations	0	0	0	0	-
42	**4.13**	**Licensed Discharges to controlled waters**	0	0	2	1	-
43	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
43	4.16	List 1 Dangerous Substances	0	0	0	0	-
43	4.17	List 2 Dangerous Substances	0	0	0	0	-
43	**4.18**	**Pollution Incidents (EA/NRW)**	0	1	3	2	-
44	4.19	Pollution inventory substances	0	0	0	0	-
45	4.20	Pollution inventory waste transfers	0	0	0	0	-
45	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
46	**5.1**	**Superficial aquifer**	Identified (within 500m)				
47	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
48	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
49	**5.4**	**Groundwater vulnerability- soluble rock risk**	Identified (within 0m)				
49	5.5	Groundwater vulnerability- local information	None (within 0m)				
50	**5.6**	**Groundwater abstractions**	0	0	0	0	4
51	**5.7**	**Surface water abstractions**	0	0	0	0	2
52	5.8	Potable abstractions	0	0	0	0	0
52	5.9	Source Protection Zones	0	0	0	0	-
53	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
54	**6.1**	**Water Network (OS MasterMap)**	0	0	1	-	-

ARUN DISTRICT COUNCIL LU/44/21/DOC

55	6.2	Surface water features	0	0	0	-	-
55	6.3	WFD Surface water body catchments	1	-	-	-	-
55	6.4	WFD Surface water bodies	0	0	1	-	-
56	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
57	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	Medium (within 50m)				
58	7.2	Historical Flood Events	0	0	3	-	-
58	7.3	Flood Defences	0	0	2	-	-
59	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
59	7.5	Flood Storage Areas	0	0	0	-	-
60	7.6	Flood Zone 2	Identified (within 50m)				
61	7.7	Flood Zone 3	Identified (within 50m)				
Page	Section	Surface water flooding					
62	8.1	Surface water flooding	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
64	9.1	Groundwater flooding	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
65	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	1
66	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
66	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
66	10.4	Special Protection Areas (SPA)	0	0	0	0	0
66	10.5	National Nature Reserves (NNR)	0	0	0	0	0
67	10.6	Local Nature Reserves (LNR)	0	0	0	1	0
67	10.7	Designated Ancient Woodland	0	0	0	0	0
67	10.8	Biosphere Reserves	0	0	0	0	0
67	10.9	Forest Parks	0	0	0	0	0
68	10.10	Marine Conservation Zones	0	0	0	0	0
68	10.11	Green Belt	0	0	0	0	0
68	10.12	Proposed Ramsar sites	0	0	0	0	0

ARUN DISTRICT COUNCIL LU/44/21/DOC

68	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
68	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
69	10.15	Nitrate Sensitive Areas	0	0	0	0	0
69	**10.16**	**Nitrate Vulnerable Zones**	0	0	0	0	2
70	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
71	**10.18**	**SSSI Units**	0	0	0	0	3
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
73	11.1	World Heritage Sites	0	0	0	-	-
74	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
74	11.3	National Parks	0	0	0	-	-
74	**11.4**	**Listed Buildings**	0	0	11	-	-
75	**11.5**	**Conservation Areas**	0	0	1	-	-
75	11.6	Scheduled Ancient Monuments	0	0	0	-	-
76	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
77	**12.1**	**Agricultural Land Classification**	Urban (within 250m)				
78	12.2	Open Access Land	0	0	0	-	-
78	12.3	Tree Felling Licences	0	0	0	-	-
78	12.4	Environmental Stewardship Schemes	0	0	0	-	-
78	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
79	**13.1**	**Priority Habitat Inventory**	0	0	9	-	-
80	**13.2**	**Habitat Networks**	1	0	8	-	-
80	13.3	Open Mosaic Habitat	0	0	0	-	-
81	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
82	**14.1**	**10k Availability**	Identified (within 500m)				
83	14.2	Artificial and made ground (10k)	0	0	0	0	-
84	**14.3**	**Superficial geology (10k)**	1	0	1	2	-

ARUN DISTRICT COUNCIL LU/44/21/DOC

85	14.4	Landslip (10k)	0	0	0	0	-
86	14.5	Bedrock geology (10k)	1	0	0	0	-
87	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
88	15.1	50k Availability	Identified (within 500m)				
89	15.2	Artificial and made ground (50k)	0	0	0	0	-
89	15.3	Artificial ground permeability (50k)	0	0	-	-	-
90	15.4	Superficial geology (50k)	1	0	1	2	-
91	15.5	Superficial permeability (50k)	Identified (within 50m)				
91	15.6	Landslip (50k)	0	0	0	0	-
91	15.7	Landslip permeability (50k)	None (within 50m)				
92	15.8	Bedrock geology (50k)	1	0	0	0	-
93	15.9	Bedrock permeability (50k)	Identified (within 50m)				
93	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
94	16.1	BGS Boreholes	0	0	5	-	-
Page	Section	Natural ground subsidence					
96	17.1	Shrink swell clays	Negligible (within 50m)				
97	17.2	Running sands	Very low (within 50m)				
98	17.3	Compressible deposits	Negligible (within 50m)				
99	17.4	Collapsible deposits	Very low (within 50m)				
100	17.5	Landslides	Very low (within 50m)				
101	17.6	Ground dissolution of soluble rocks	Very low (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
103	18.1	Natural cavities	0	0	0	0	-
104	18.2	BritPits	0	0	0	0	-
104	18.3	Surface ground workings	0	19	14	-	-
105	18.4	Underground workings	0	0	0	0	0
105	18.5	Historical Mineral Planning Areas	0	0	0	0	-

ARUN DISTRICT COUNCIL LU/44/21/DOC

106	**18.6**	**Non-coal mining**	0	0	0	1	0
106	18.7	Mining cavities	0	0	0	0	0
106	18.8	JPB mining areas	None (within 0m)				
106	18.9	Coal mining	None (within 0m)				
107	18.10	Brine areas	None (within 0m)				
107	18.11	Gypsum areas	None (within 0m)				
107	18.12	Tin mining	None (within 0m)				
107	18.13	Clay mining	None (within 0m)				

Page	Section	Radon					
108	**19.1**	**Radon**	Between 1% and 3% (within 0m)				

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
109	**20.1**	**BGS Estimated Background Soil Chemistry**	1	0	-	-	-
109	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
109	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-

Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
110	21.1	Underground railways (London)	0	0	0	-	-
110	21.2	Underground railways (Non-London)	0	0	0	-	-
110	21.3	Railway tunnels	0	0	0	-	-
110	21.4	Historical railway and tunnel features	0	0	0	-	-
110	21.5	Royal Mail tunnels	0	0	0	-	-
111	21.6	Historical railways	0	0	0	-	-
111	21.7	Railways	0	0	0	-	-
111	21.8	Crossrail 1	0	0	0	0	-
111	21.9	Crossrail 2	0	0	0	0	-
111	21.10	HS2	0	0	0	0	-

ARUN DISTRICT COUNCIL LU/44/21/DOC

Recent aerial photograph



Capture Date: 28/06/2018

Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

Recent site history - 2015 aerial photograph



Capture Date: 20/05/2015

Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

Recent site history - 2012 aerial photograph



Capture Date: 13/09/2012

Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

Recent site history - 2010 aerial photograph



Capture Date: 24/04/2010

Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

Recent site history - 1999 aerial photograph

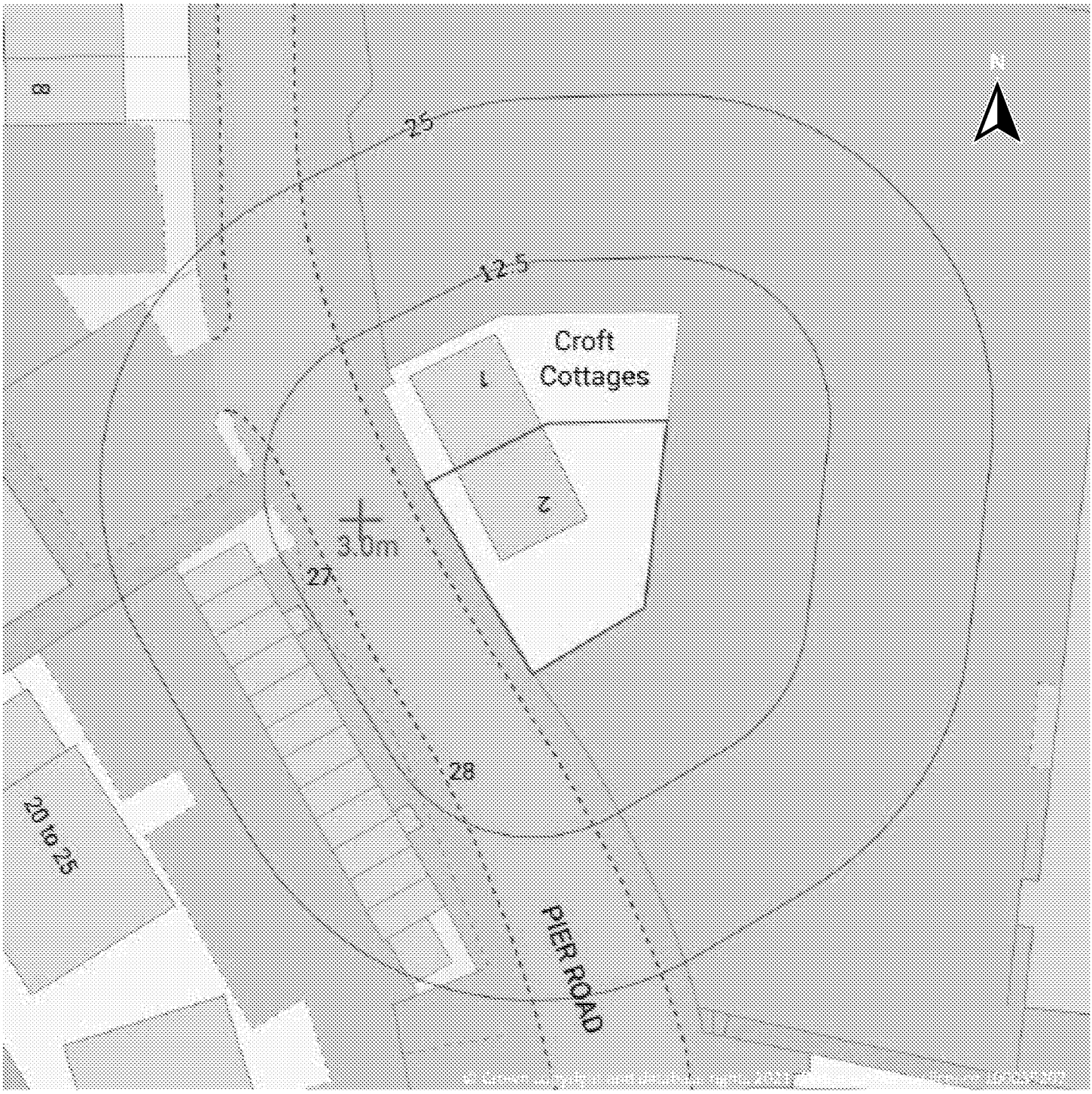


Capture Date: 29/08/1999

Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

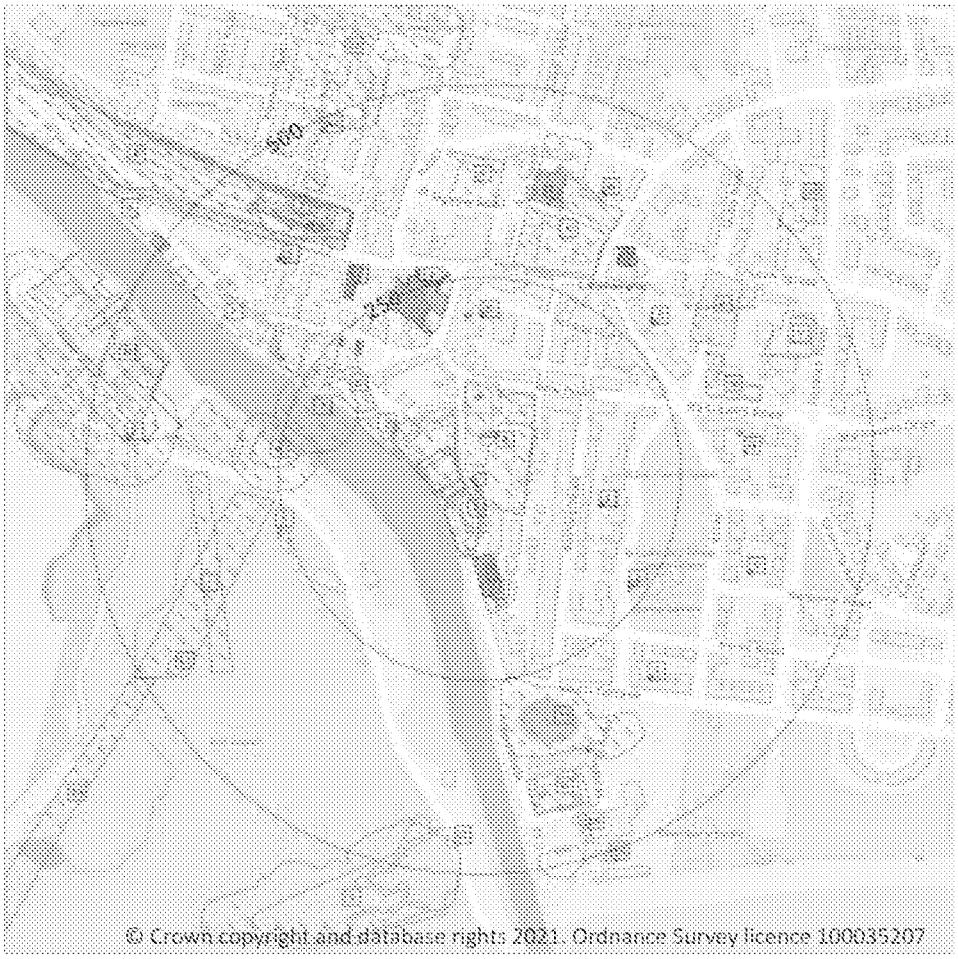
OS MasterMap site plan



Site Area: 0.02ha

ARUN DISTRICT COUNCIL LU/44/21/DOC

1 Past land use



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	80

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	On site	Sawmills	1938	2182490

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Sawmills**	**1910 - 1932**	**2183681**
B	10m SW	Ballast Wharf	1876	2164980
B	11m SW	Coal Wharf	1876	2175564
B	14m W	Coal Wharf	1910	2271037
B	14m SW	Unspecified Wharf	1932	2227012
B	14m SW	Wharf	1957	2189518
B	14m SW	Unspecified Wharf	1974 - 1992	2191396
B	15m SW	Unspecified Wharf	1938	2196663
B	16m SW	Unspecified Wharf	1938	2233404
B	18m W	Unspecified Wharf	1957	2285225
B	21m W	Unspecified Wharf	1932	2269167
B	26m SW	Unspecified Wharf	1957 - 1992	2199946
B	37m NW	Timber Wharf	1876	2141943
B	47m SW	Unspecified Wharf	1957	2245456
A	74m N	Sawmills	1876	2253723
1	93m W	Unspecified Wharf	1974 - 1981	2260024
C	120m S	Gas Works	1876	2135529
C	145m S	Gasometer	1876	2139726
D	151m NW	Unspecified Wharf	1974	2279998
3	165m NW	Unspecified Wharf	1981 - 1992	2243286
F	199m W	Unspecified Wharf	1938	2246467
D	223m NW	Timber Yard	1876	2136528
F	225m W	Unspecified Wharf	1932	2193220
F	225m W	Unspecified Wharf	1932	2220727
F	227m W	Unspecified Wharf	1876 - 1896	2194827
D	227m NW	Unspecified Wharf	1974 - 1992	2261901
H	248m S	Unspecified Pits	1876	2141540
J	258m W	Rifle Range	1896 - 1910	2222524

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ID	Location	Land use	Dates present	Group ID
K	268m N	Bus Station	1957	2284709
K	272m N	Brewery	1876	2152436
M	299m W	Timber Dock	1896	2176915
N	299m E	Fire Engine Station	1974 - 1981	2175533
D	299m NW	Unspecified Wharf	1974 - 1992	2223902
G	313m NE	Grave Yard	1876	2145498
P	325m NW	Unspecified Wharf	1974 - 1992	2208153
R	337m NW	Railway Sidings	1938	2171522
R	337m NW	Cuttings	1896	2129039
R	337m NW	Railway Sidings	1910	2220203
J	340m W	Rifle Range	1876	2196587
B	343m N	Timber Yard	1876	2130529
R	344m NW	Railway Sidings	1876	2169665
R	348m NW	Railway Sidings	1957	2254027
R	352m NW	Railway Sidings	1932	2263639
T	363m NW	Railway Station	1957	2175147
T	364m NW	Railway Station	1932	2179028
T	368m NW	Railway Station	1938	2243665
T	368m NW	Railway Station	1896 - 1910	2269459
T	371m NW	Railway Station	1957 - 1992	2235457
T	374m NW	Railway Station	1876	2268288
M	382m W	Ship Building Yard	1910	2227067
U	384m S	Corn Windmill	1910	2227695
M	385m W	Rope Walk	1876	2128372
V	387m NE	Hospital	1932 - 1938	2288630
U	396m S	Corn Windmill	1876	2170903
T	398m NW	Railway Building	1932	2147861
X	410m NW	Unspecified Wharves	1910	2140487

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ID	Location	Land use	Dates present	Group ID
T	413m NW	Police Station	1876	2242705
T	413m NW	Police Station	1957	2177852
M	414m W	Disused Rope Walk	1896 - 1910	2259971
T	416m NW	Police Station	1957	2181738
V	417m E	Hospital	1957	2276276
M	420m W	Ship Building Yard	1876	2271231
V	423m NE	Hospital	1957 - 1992	2188928
M	424m W	Unspecified Pit	1932	2243159
R	426m NW	Railway Sidings	1957	2176575
Y	432m S	Unspecified Pit	1910 - 1938	2266077
10	439m S	Coastguard Station	1876	2165223
Y	441m S	Gravel Pit	1896	2138667
11	444m SW	Rifle Range	1932	2253533
Y	446m S	Unspecified Ground Workings	1876	2132446
U	446m S	Lifeboat House	1932 - 1938	2264213
X	447m NW	Unspecified Wharf	1974 - 1992	2236271
12	450m S	Unspecified Pit	1876	2173543
13	467m N	Brick Works	1896	2147581
U	481m S	Unspecified Heap	1957 - 1992	2176807
14	485m SW	Rifle Range	1910	2174039
15	492m NE	Telephone Exchange	1974 - 1981	2290284
M	494m NW	Dock	1896 - 1910	2213821
16	499m S	Coastguard Station	1896 - 1910	2220952

This data is sourced from Ordnance Survey / Groundsure.

ARUN DISTRICT COUNCIL LU/44/21/DOC

1.2 Historical tanks

Records within 500m	18

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
A	44m N	Unspecified Tank	1932	359108
C	87m S	Gas Works	1878	380400
A	94m N	Unspecified Tank	1912	359104
C	100m S	Gasometers	1878	374356
C	152m S	Unspecified Tank	1994	385538
C	153m S	Unspecified Tank	1984	396932
D	238m NW	Tanks	1994	395147
D	238m NW	Tanks	1987	403329
D	238m NW	Tanks	1987	407516
D	242m NW	Tanks	1994	391300
I	255m W	Unspecified Tank	1994	359077
I	257m W	Tanks	1994	374855
D	277m NW	Unspecified Tank	1994	359103
D	286m NW	Unspecified Tank	1995	359078
D	295m NW	Unspecified Tank	1995	359079
Q	333m E	Unspecified Tank	1898	359110
P	398m NW	Unspecified Tank	1976	359080
U	402m S	Unspecified Tank	1876	359107

This data is sourced from Ordnance Survey / Groundsure.

ARUN DISTRICT COUNCIL LU/44/21/DOC

1.3 Historical energy features

Records within 500m	34

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

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
C	87m S	Gas Works	1873	250193
A	99m N	Electricity Substation	1968 - 1994	273680
C	100m S	Gasometers	1873	251791
2	150m E	Electricity Substation	1984 - 1994	276105
G	199m N	Electricity Substation	1968 - 1994	280459
G	199m N	Electricity Substation	1984	241064
D	214m NW	Electricity Substation	1987 - 1994	286924
D	218m NW	Electricity Substation	1987	265177
D	219m NW	Electricity Substation	1984	253945
4	224m SE	Electricity Substation	1968 - 1994	290451
E	251m N	Electricity Substation	1968 - 1994	264098
E	260m N	Electricity Substation	1984 - 1987	286340
S	289m NE	Electricity Substation	1968 - 1994	260205
O	319m NE	Electricity Substation	1987 - 1994	264279
N	321m NE	Electricity Substation	1980 - 1999	292626
7	327m SE	Electricity Substation	1984 - 1994	275879
Q	327m E	Electricity Substation	1976 - 1994	263552
K	353m N	Electricity Substations	1968	250001
K	355m N	Electricity Board Depot	1968 - 1978	291110
9	358m E	Electricity Substation	1976 - 1994	290131
S	362m NW	Electricity Substation	1968 - 1976	257810

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ID	Location	Land use	Dates present	Group ID
K	365m N	Electricity Substation	1987 - 1994	277671
H	366m SE	Electricity Substation	1994	254966
H	366m SE	Electricity Substation	1984	256168
H	368m S	Electricity Substation	1972	256745
H	368m S	Electricity Substation	1994	256421
K	372m N	Electricity Substation	1984 - 1987	289325
S	372m NW	Electricity Substation	1995	263412
W	388m N	Electricity Substation	1987	290188
W	389m NE	Electricity Substation	1994	279996
Z	444m W	Electricity Substation	-	240765
Z	444m W	Electricity Substation	1994	241062
AA	482m NW	Electricity Substation	1968 - 1994	263592
AA	482m NW	Electricity Substation	1978 - 1987	268144

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	9

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

ARUN DISTRICT COUNCIL LU/44/21/DOC

Features are displayed on the Past land use map on **page 14**

ID	Location	Land use	Dates present	Group ID
E	189m N	Garage	1957 - 1968	81787
E	203m N	Garage	1957	76542
L	277m NW	Garage	1957	75266
L	277m NW	Garage	1978	76294
L	277m NW	Garage	1957 - 1968	83125
O	318m NE	Garage	1968 - 1984	82830
O	318m NE	Garage	1957	78244
O	319m NE	Garage	1957	76617
X	491m NW	Garage	1968	73015

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

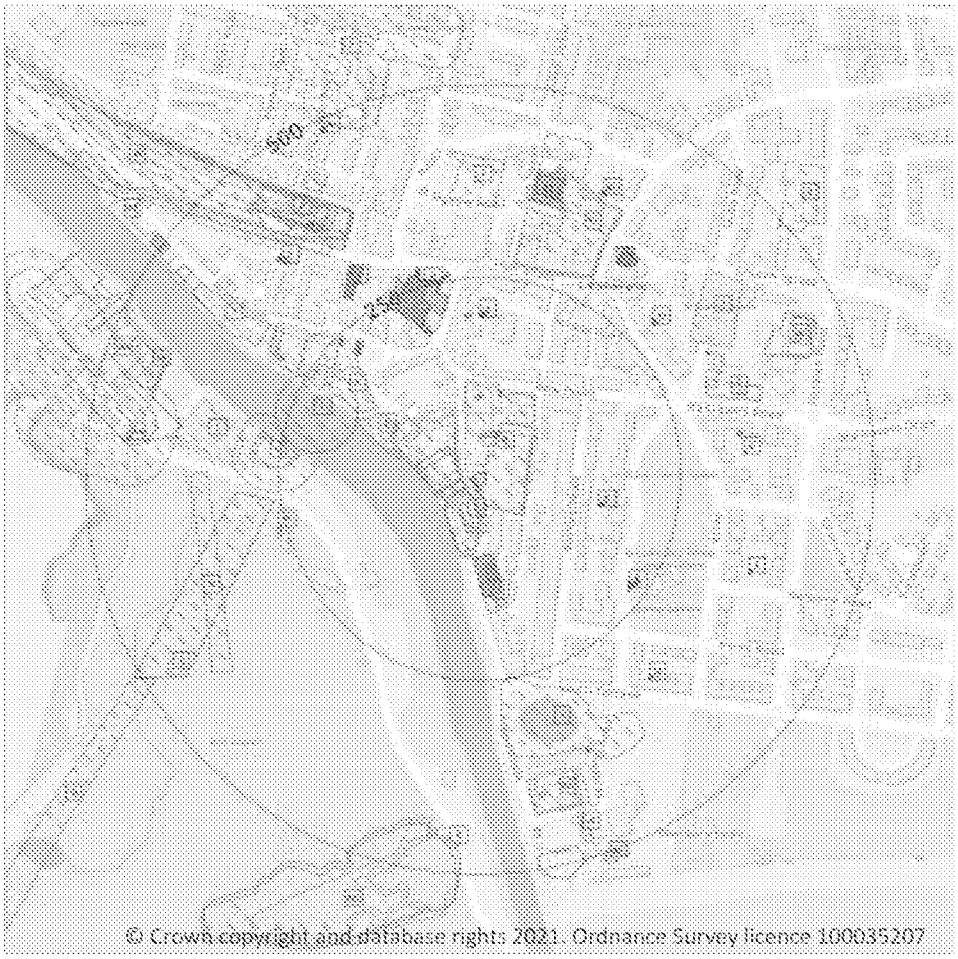
Records within 500m	0

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

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

ARUN DISTRICT COUNCIL LU/44/21/DOC

2 Past land use - un-grouped



Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	123

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

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
A	On site	Sawmills	1938	2182490
A	On site	Sawmills	1910	2183681
A	On site	Sawmills	1932	2183681

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
B	10m SW	Ballast Wharf	1876	2164980
B	11m SW	Coal Wharf	1876	2175564
B	14m W	Coal Wharf	1910	2271037
B	14m SW	Unspecified Wharf	1932	2227012
B	14m SW	Unspecified Wharf	1932	2227012
B	14m SW	Wharf	1957	2189518
B	14m SW	Unspecified Wharf	1992	2191396
B	14m SW	Unspecified Wharf	1981	2191396
B	14m SW	Unspecified Wharf	1974	2191396
B	15m W	Wharf	1957	2189518
B	15m SW	Unspecified Wharf	1938	2196663
B	16m SW	Unspecified Wharf	1938	2233404
B	18m W	Unspecified Wharf	1957	2285225
B	21m W	Unspecified Wharf	1932	2269167
B	21m W	Unspecified Wharf	1932	2269167
B	26m SW	Unspecified Wharf	1992	2199946
B	26m SW	Unspecified Wharf	1981	2199946
B	26m SW	Unspecified Wharf	1974	2199946
B	26m SW	Unspecified Wharf	1957	2199946
B	37m NW	Timber Wharf	1876	2141943
B	47m SW	Unspecified Wharf	1957	2245456
A	74m N	Sawmills	1876	2258723
D	93m W	Unspecified Wharf	1981	2260024
D	93m W	Unspecified Wharf	1974	2260024
C	120m S	Gas Works	1876	2135529
C	145m S	Gasometer	1876	2139726
F	151m NW	Unspecified Wharf	1974	2279998
G	165m NW	Unspecified Wharf	1992	2243286

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ID	Location	Land Use	Date	Group ID
G	165m NW	Unspecified Wharf	1981	2243286
I	199m W	Unspecified Wharf	1938	2246467
F	223m NW	Timber Yard	1876	2130528
I	225m W	Unspecified Wharf	1932	2220727
I	225m W	Unspecified Wharf	1932	2193230
I	227m W	Unspecified Wharf	1896	2194827
F	227m NW	Unspecified Wharf	1992	2261901
F	227m NW	Unspecified Wharf	1981	2261901
F	227m NW	Unspecified Wharf	1974	2261901
I	230m W	Unspecified Wharf	1876	2194827
L	248m S	Unspecified Pits	1876	2141540
N	258m W	Rifle Range	1910	2222524
N	258m W	Rifle Range	1896	2222524
O	268m N	Bus Station	1957	2284709
O	271m N	Bus Station	1957	2284709
O	272m N	Brewery	1876	2152436
1	299m W	Timber Dock	1896	2176915
R	299m E	Fire Engine Station	1974	2175533
F	299m NW	Unspecified Wharf	1992	2223902
F	299m NW	Unspecified Wharf	1981	2223902
F	299m NW	Unspecified Wharf	1974	2223902
R	302m E	Fire Engine Station	1981	2175533
2	313m NE	Grave Yard	1876	2145498
T	325m NW	Unspecified Wharf	1992	2208153
T	325m NW	Unspecified Wharf	1981	2208153
T	325m NW	Unspecified Wharf	1974	2208153
W	337m NW	Railway Sidings	1938	2171522
W	337m NW	Cuttings	1896	2129039

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
W	337m NW	Railway Sidings	1910	2220203
N	340m W	Rifle Range	1876	2196587
3	343m N	Timber Yard	1876	2130529
W	344m NW	Railway Sidings	1876	2169665
W	348m NW	Railway Sidings	1957	2254027
W	352m NW	Railway Sidings	1932	2263639
Z	363m NW	Railway Station	1957	2175147
Z	364m NW	Railway Station	1932	2179028
Z	368m NW	Railway Station	1938	2243665
Z	368m NW	Railway Station	1910	2289459
Z	368m NW	Railway Station	1896	2289459
Z	371m NW	Railway Station	1992	2235457
Z	371m NW	Railway Station	1981	2235457
Z	271m NW	Railway Station	1974	2235457
Z	371m NW	Railway Station	1957	2235457
Z	374m NW	Railway Station	1876	2263289
AA	382m W	Ship Building Yard	1910	2227067
AA	382m W	Timber Dock	1896	2176915
AB	384m S	Corn Windmill	1910	2227995
AA	385m W	Rope Walk	1876	2128372
AC	387m NE	Hospital	1938	2288630
AB	396m S	Corn Windmill	1876	2170903
Z	398m NW	Railway Building	1932	2147861
AE	410m NW	Unspecified Wharves	1910	2140487
AC	411m E	Hospital	1932	2288630
Z	413m NW	Police Station	1876	2242705
Z	413m NW	Police Station	1957	2177852
AA	414m W	Disused Rope Walk	1910	2259971

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
AA	414m W	Disused Rope Walk	1896	2259971
Z	416m NW	Police Station	1957	2181738
AC	417m E	Hospital	1957	2276276
AA	420m W	Ship Building Yard	1876	2271231
AC	423m NE	Hospital	1957	2188928
AF	424m W	Unspecified Pit	1932	2243159
AF	424m W	Unspecified Pit	1932	2243159
W	426m NW	Railway Sidings	1957	2176575
AC	426m NE	Hospital	1992	2188928
AC	426m NE	Hospital	1981	2188928
AC	426m NE	Hospital	1974	2188928
AG	432m S	Unspecified Pit	1932	2266077
AG	432m S	Unspecified Pit	1932	2266077
4	439m S	Coastguard Station	1876	2165223
AG	439m S	Unspecified Pit	1938	2266077
AG	439m S	Unspecified Pit	1910	2266077
AG	441m S	Gravel Pit	1896	2138667
5	444m SW	Rifle Range	1932	2253533
AG	446m S	Unspecified Ground Workings	1876	2132446
AB	446m S	Lifeboat House	1938	2264213
AE	447m NW	Unspecified Wharf	1992	2236271
AE	447m NW	Unspecified Wharf	1981	2236271
AE	447m NW	Unspecified Wharf	1974	2236271
AB	447m S	Lifeboat House	1932	2264213
6	450m S	Unspecified Pit	1876	2173543
7	467m N	Brick Works	1896	2147581
AB	481m S	Unspecified Heap	1992	2176807
AB	481m S	Unspecified Heap	1981	2176807

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
AB	481m S	Unspecified Heap	1974	2176807
AB	481m S	Unspecified Heap	1957	2176807
8	485m SW	Rifle Range	1910	2174039
9	492m NE	Telephone Exchange	1974	2290284
AA	494m NW	Dock	1910	2213821
AA	494m NW	Dock	1896	2213821
AJ	499m S	Coastguard Station	1910	2220952
AJ	499m S	Coastguard Station	1896	2220952

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	19

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

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
A	44m N	Unspecified Tank	1932	359108
C	87m S	Gas Works	1878	380400
A	94m N	Unspecified Tank	1912	359104
C	100m S	Gasometers	1878	374356
C	152m S	Unspecified Tank	1994	285538
C	153m S	Unspecified Tank	1984	396932
F	238m NW	Tanks	1994	395147
F	238m NW	Tanks	1987	403329
F	238m NW	Tanks	1987	402329
F	238m NW	Tanks	1987	407516
F	242m NW	Tanks	1994	391300
M	255m W	Unspecified Tank	1994	359077

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
M	257m W	Tanks	1994	374855
F	277m NW	Unspecified Tank	1994	359103
F	286m NW	Unspecified Tank	1995	359078
F	295m NW	Unspecified Tank	1995	359079
V	230m E	Unspecified Tank	1898	359110
T	398m NW	Unspecified Tank	1976	359080
AB	402m S	Unspecified Tank	1876	359107

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	79

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

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
C	87m S	Gas Works	1878	250193
A	99m N	Electricity Substation	1994	273660
C	100m S	Gasometers	1878	251791
A	100m N	Electricity Substation	1984	273660
A	100m N	Electricity Substation	1968	273660
A	100m N	Electricity Substation	1968	273660
E	150m E	Electricity Substation	1994	276105
E	151m E	Electricity Substation	1984	276105
J	199m N	Electricity Substation	1978	280459
J	199m N	Electricity Substation	1987	280459
J	199m N	Electricity Substation	1984	241064
J	199m N	Electricity Substation	1968	280459
J	199m N	Electricity Substation	1987	280459

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
J	199m N	Electricity Substation	1987	280459
J	200m N	Electricity Substation	1994	280459
F	214m NW	Electricity Substation	1994	286924
F	215m NW	Electricity Substation	1987	286924
F	215m NW	Electricity Substation	1987	286924
F	218m NW	Electricity Substation	1987	265177
F	219m NW	Electricity Substation	1984	253945
K	224m SE	Electricity Substation	1994	290451
K	224m SE	Electricity Substation	1984	290451
K	225m SE	Electricity Substation	1968	290451
K	225m SE	Electricity Substation	1968	290451
H	251m N	Electricity Substation	1978	264093
H	251m N	Electricity Substation	1987	264093
H	252m N	Electricity Substation	1968	264093
H	253m N	Electricity Substation	1994	264093
H	260m N	Electricity Substation	1984	286340
H	260m N	Electricity Substation	1987	286340
H	260m N	Electricity Substation	1987	286340
Q	289m NE	Electricity Substation	1978	260205
Q	289m NE	Electricity Substation	1987	260205
Q	289m NE	Electricity Substation	1984	260205
Q	289m NE	Electricity Substation	1987	260205
Q	289m NE	Electricity Substation	1987	260205
Q	289m NE	Electricity Substation	1968	260205
Q	289m NE	Electricity Substation	1994	260205
S	319m NE	Electricity Substation	1987	264279
S	319m NE	Electricity Substation	1987	264279
S	319m NE	Electricity Substation	1987	264279

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
S	320m NE	Electricity Substation	1994	264279
R	321m NE	Electricity Substation	1995	292626
R	321m NE	Electricity Substation	1980	292626
R	321m NE	Electricity Substation	1999	292626
R	321m NE	Electricity Substation	1989	292626
U	327m SE	Electricity Substation	1984	275879
V	327m E	Electricity Substation	1976	263552
U	327m SE	Electricity Substation	1994	275879
V	327m E	Electricity Substation	1994	263552
O	353m N	Electricity Substations	1968	250001
O	355m N	Electricity Board Depot	1968	291110
X	358m E	Electricity Substation	1994	290131
X	359m E	Electricity Substation	1976	290131
Y	362m NW	Electricity Substation	1968	257810
Y	362m NW	Electricity Substation	1976	257810
O	365m N	Electricity Board Depot	1978	291110
O	365m N	Electricity Substation	1994	277671
O	365m N	Electricity Substation	1987	277671
L	366m SE	Electricity Substation	1994	254966
L	366m SE	Electricity Substation	1984	256168
L	368m S	Electricity Substation	1972	256745
L	368m S	Electricity Substation	1994	256421
O	372m N	Electricity Substation	1984	289325
O	372m N	Electricity Substation	1987	289325
O	372m N	Electricity Substation	1987	289325
Y	372m NW	Electricity Substation	1995	263412
AD	388m N	Electricity Substation	1987	290188
AD	388m N	Electricity Substation	1987	290188

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Land Use	Date	Group ID
AD	389m NE	Electricity Substation	1994	279996
AH	444m W	Electricity Substation	1994	241062
AH	444m W	Electricity Substation	-	240765
AI	482m NW	Electricity Substation	1968	263592
AI	482m NW	Electricity Substation	1984	263592
AI	482m NW	Electricity Substation	1987	263592
AI	482m NW	Electricity Substation	1987	263592
AI	482m NW	Electricity Substation	1978	268144
AI	482m NW	Electricity Substation	1987	268144
AI	483m NW	Electricity Substation	1994	263592

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	13

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

Features are displayed on the Past land use - un-grouped map on **page 22**

ID	Location	Land Use	Date	Group ID
H	189m N	Garage	1957	81787
H	191m N	Garage	1968	81787
H	203m N	Garage	1957	76542

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ID	Location	Land Use	Date	Group ID
P	277m NW	Garage	1957	75266
P	277m NW	Garage	1968	83125
P	277m NW	Garage	1978	76294
P	277m NW	Garage	1957	83125
S	318m NE	Garage	1984	82830
S	318m NE	Garage	1957	78244
S	319m NE	Garage	1957	76617
S	319m NE	Garage	1968	82830
S	319m NE	Garage	1978	82830
AE	491m NW	Garage	1968	73015

This data is sourced from Ordnance Survey / Groundsure.

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3 Waste and landfill



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Site Outline

Search buffers in metres (m)

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

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3.3 Historical landfill (LA/mapping records)

Records within 500m	0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	0

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

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

3.5 Historical waste sites

Records within 500m	0

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

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

3.6 Licensed waste sites

Records within 500m	0

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

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

3.7 Waste exemptions

Records within 500m	31

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

Features are displayed on the Waste and landfill map on **page 33**

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ID	Location	Site	Reference	Category	Sub-Category	Description
A	207m N	20 SURREY STREET LITTLEHAMPTON WEST SUSSEX BN17 5BG	EPR/WE5289S G/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
A	207m N	20 SURREY STREET LITTLEHAMPTON WEST SUSSEX BN17 5BG	EPR/WE5289S G/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling
A	208m N	20, SURREY STREET, LITTLEHAMPTON, BN17 5BG	WEX027395	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	208m N	20, SURREY STREET, LITTLEHAMPTON, BN17 5BG	WEX027395	Treating waste exemption	Not on a farm	Treatment of waste toner cartridges by sorting, dismantling, cleaning or refilling
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Deposit of waste from dredging of inland waters
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Burning waste in the open
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste aerosol cans
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste at a water treatment works
B	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of waste at a waste water treatment works

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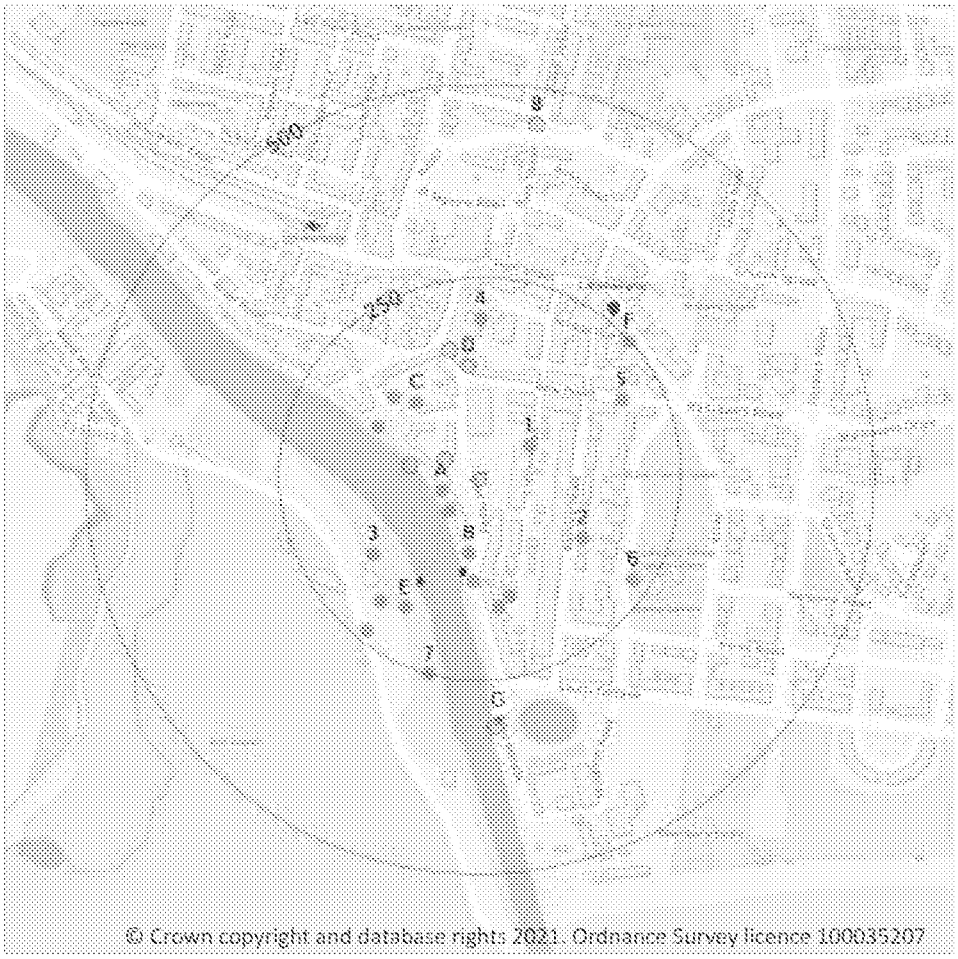
ID	Location	Site	Reference	Category	Sub-Category	Description
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Treating waste exemption	Non-Agricultural Waste Only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Spreading waste on non-agricultural land to confer benefit
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Use of mulch
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Spreading of plant matter to confer benefit
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Use of baled end-of-life tyres in construction
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste derived biodiesel as fuel
8	209m S	Volker Stevin Site Littlehampton West Sussex BN17 5LP	EPR/LE5786FF/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste for a specified purpose

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ID	Location	Site	Reference	Category	Sub-Category	Description
C	229m SW	ROPE WALK, LITTLEHAMPTON, BN17 5DL	WEX141994	Using waste exemption	Not on a farm	Use of waste in construction
C	229m SW	ROPE WALK, LITTLEHAMPTON, BN17 5DL	WEX074758	Using waste exemption	Not on a farm	Use of waste in construction
D	336m E	ARUN CIVIC CENTRE, 1, MALTRAVERS ROAD, LITTLEHAMPTON, BN17 5LF	WEX070287	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	336m E	ARUN CIVIC CENTRE, 1, MALTRAVERS ROAD, LITTLEHAMPTON, BN17 5LF	WEX070287	Storing waste exemption	Not on a farm	Storage of waste in a secure place
D	336m E	ARUN CIVIC CENTRE, 1, MALTRAVERS ROAD, LITTLEHAMPTON, BN17 5LF	WEX070287	Treating waste exemption	Not on a farm	Sorting mixed waste
D	336m E	ARUN CIVIC CENTRE, 1, MALTRAVERS ROAD, LITTLEHAMPTON, BN17 5LF	WEX070287	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	375m NW	LITTLEHAMPTON RAILWAY STATION, TERMINUS ROAD, LITTLEHAMPTON, BN17 5BS	WEX137447	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	375m NW	LITTLEHAMPTON RAILWAY STATION, TERMINUS ROAD, LITTLEHAMPTON, BN17 5BS	WEX137447	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	380m NW	Littlehampton Traincare Depot Terminus Road Littlehampton West Sussex BN17 5BS	EPR/BE5547ZE/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
1	469m NE	18-22, EAST STREET, LITTLEHAMPTON, BN17 6AW	WEX160122	Treating waste exemption	Not on a Farm	Sorting and de-naturing of controlled drugs for disposal

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

4 Current industrial land use



Site Outline

Search buffers in metres (m)

Recent industrial land uses

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

Licensed Discharges to controlled waters

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **20**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Company	Address	Activity	Category
A	45m SW	Landing Stage	West Sussex, BN17	Moorings and Unloading Facilities	Water
A	49m SW	Paine's Wharf	West Sussex, BN17	Moorings and Unloading Facilities	Water
1	65m NE	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities

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ID	Location	Company	Address	Activity	Category
B	86m S	Littlehampton Harbour	Harbour Office, Pier Road, Littlehampton, West Sussex, BN17 5LR	Moorings and Unloading Facilities	Water
C	120m NW	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
B	122m S	Littlehampton East Ferry (Foot)	Off Pier Road, Littlehampton, West Sussex, BN17	Ferries and Ferry Terminals	Water
C	138m NW	Slipway	West Sussex, BN17	Moorings and Unloading Facilities	Water
2	143m SE	Slaying Spraying Ltd	76, Bayford Road, Littlehampton, West Sussex, BN17 5HN	Signs	Industrial Products
C	143m NW	Littlehampton Angling Club	Fishermans Quay, Littlehampton, West Sussex, BN17 5BL	Fish and Shellfish	Farming
B	146m S	Depot	West Sussex, BN17	Container and Storage	Transport, Storage and Delivery
B	157m S	Tank	West Sussex, BN17	Tanks (Generic)	Industrial Features
3	161m SW	Landing Stage	West Sussex, BN17	Moorings and Unloading Facilities	Water
E	182m SW	Landing Stage	West Sussex, BN17	Moorings and Unloading Facilities	Water
E	195m SW	Landing Stage	West Sussex, BN17	Moorings and Unloading Facilities	Water
4	198m N	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
5	198m NE	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
6	227m SE	Electricity Sub Station	West Sussex, BN17	Electrical Features	Infrastructure and Facilities
E	235m SW	Littlehampton West Ferry (Foot)	Off Rope Walk, Littlehampton, West Sussex, BN17	Ferries and Ferry Terminals	Water
F	249m NE	Electech Services	8 Ocean House, 16-18 Beach Road, Littlehampton, West Sussex, BN17 5HT	Electrical and Electronic Engineers	Engineering Services
7	250m S	Landing Stage	West Sussex, BN17	Moorings and Unloading Facilities	Water

This data is sourced from Ordnance Survey.

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4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

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4.7 Regulated explosive sites

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

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

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

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

Records within 500m	1

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

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Address	Details	
F	266m NE	Beach Road Dry Cleaners, 4 Beach Road, Littlehampton, BN17 5HT	Process: Dry Cleaning Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m	3

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

Features are displayed on the Current industrial land use map on **page 38**

ID	Location	Address	Details	
B	110m S	PENN HOUSE, OLD LONDON ROAD, COLDWALTHAM, PULBOROUGH, WEST SUSSEX, RH20 1LF	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRFB3904EY Permit Version: 1 Receiving Water: UNNAMED TRIB OF ROVER ROTHER	Status: NEW ISSUED UNDER EPR 2010 Issue date: 03/04/2017 Effective Date: 03/04/2017 Revocation Date: -
E	142m SW	ARUN YACHT CLUB, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: SO1173 Permit Version: 1 Receiving Water: CONTROLLED SEA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 01/06/1961 Effective Date: 01/06/1961 Revocation Date: 11/05/1995
G	302m S	CSO EAST ST/AVON RD LITTLEHAMPTON, JUNCTION EAST STREET/AVON RD, EAST STREET, LITTLEHAMPTON, WEST SUSSEX	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: A00858 Permit Version: 1 Receiving Water: TIDAL RIVER ARUN	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/01/2002 Effective Date: 02/01/2002 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m	0

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

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

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m	0

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

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

4.17 List 2 Dangerous Substances

Records within 500m	0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	6

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

Features are displayed on the Current industrial land use map on **page 38**

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Details	
A	41m NW	Incident Date: 08/03/2002 Incident Identification: 62640 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
A	81m W	Incident Date: 18/06/2001 Incident Identification: 9898 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	138m N	Incident Date: 09/04/2002 Incident Identification: 70081 Pollutant: Specific Waste Materials Pollutant Description: Household Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
D	162m N	Incident Date: 31/12/2002 Incident Identification: 128455 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
G	309m S	Incident Date: 28/02/2002 Incident Identification: 61017 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	453m N	Incident Date: 03/07/2002 Incident Identification: 170905 Pollutant: Organic Chemicals/Products Pollutant Description: Paints and Varnishes	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	0

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

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

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4.20 Pollution inventory waste transfers

Records within 500m	0

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

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

4.21 Pollution inventory radioactive waste

Records within 500m	0

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

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

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5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m	1

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 46**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

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Bedrock aquifer



Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m **1**

Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 47**

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

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

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Groundwater vulnerability



Site Outline

Search buffers in metres (m)

Superficial vulnerability

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

Bedrock vulnerability

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

Other information

- Unproductive aquifer
- Soluble rock risk
- Local information

5.3 Groundwater vulnerability

Records within 50m	1

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

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

Features are displayed on the Groundwater vulnerability map on **page 48**

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year**	**Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High**	**Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures**

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	1

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

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
2	**Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.**	**44.0%**

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

5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre [redacted]

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

Abstractions and Source Protection Zones



Site Outline

Search buffers in metres (m)

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

5.6 Groundwater abstractions

Records within 2000m	4

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 50**

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Details	
-	953m NW	Status: Historical Licence No: 10/41/411021 Details: General Washing/Process Washing Direct Source: Southern Region Groundwater Point: RIVER ARUN ESTUARY Data Type: Point Name: ARC Ltd (Solent Aggregates Ltd) Easting: 501910 Northing: 102330	Annual Volume (m^3): 39277.4 Max Daily Volume (m^3): 163.65 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 29/10/1997 Version End Date: -
-	1839m N	Status: Historical Licence No: 10/41/414025 Details: Horticultural Watering Direct Source: Southern Region Groundwater Point: FIRVIEW NURSERY TODDINGTON LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 503460 Northing: 103560	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 17/10/2003 Version End Date: -
-	1839m N	Status: Historical Licence No: 10/41/414025 Details: Spray Irrigation - Direct Direct Source: Southern Region Groundwater Point: FIRVIEW NURSERY TODDINGTON LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 503460 Northing: 103560	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 17/10/2003 Version End Date: -
-	1919m N	Status: Historical Licence No: 10/41/411004 Details: Animal Watering & General Use in non Farming situations Direct Source: Southern Region Groundwater Point: NORMANS NURSERIES COURTWICK LANE Data Type: Point Name: Yoder Toddington Ltd Easting: 502080 Northing: 103660	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: - Expiry Date: - Issue No: 101 Version Start Date: 06/10/2003 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	2

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

ARUN DISTRICT COUNCIL LU/44/21/DOC

Features are displayed on the Abstractions and Source Protection Zones map on **page 50**

ID	Location	Details	
-	1061m W	Status: Active Licence No: 10/41/411016 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: RYEBANK RIFE Data Type: Line Name: James D Baird (Home Farm) Ltd Easting: 501720 Northing: 102160	Annual Volume (m^3): 27,272 Max Daily Volume (m^3): 1,091 Original Application No: - Original Start Date: 13/06/1967 Expiry Date: - Issue No: 101 Version Start Date: 16/04/2019 Version End Date: -
-	1086m W	Status: Historical Licence No: 10/41/411016 Details: Spray Irrigation - Direct Direct Source: Southern Region Surface Waters Point: RYEBANK RIFE AND ELMER RIFE Data Type: Line Name: Baird Easting: 501710 Northing: 102210	Annual Volume (m^3): 27272 Max Daily Volume (m^3): 1091 Original Application No: - Original Start Date: - Expiry Date: - Issue No: 100 Version Start Date: 08/12/2005 Version End Date: -

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

S.8 Potable abstractions

Records within 2000m	0

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

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

S.9 Source Protection Zones

Records within 500m	0

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

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

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5.10 Source Protection Zones (confined aquifer)

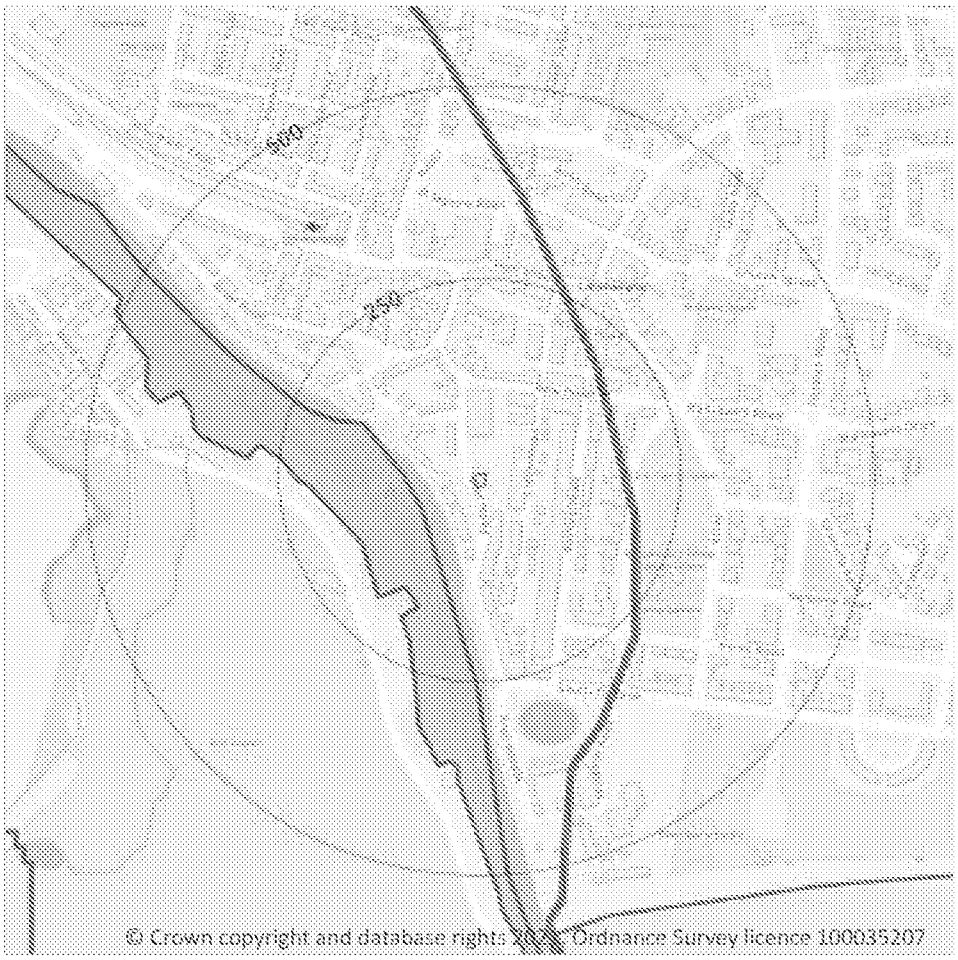
Records within 500m	0

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

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

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6 Hydrology



Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m **1**

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

Features are displayed on the Hydrology map on **page 54**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	91m SW	Tidal river or stream.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Arun

This data is sourced from the Ordnance Survey.

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6.2 Surface water features

Records within 250m	0

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

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	1

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

Features are displayed on the Hydrology map on **page 54**

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

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

6.4 WFD Surface water bodies

Records identified	1

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

Features are displayed on the Hydrology map on **page 54**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
A	75m SW	Transitional	Arun	GB540704105000	Moderate	Good	Moderate	2016

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

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6.5 WFD Groundwater bodies

Records on site	1

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

Features are displayed on the Hydrology map on **page 54**

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

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

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7 River and coastal flooding



Site Outline

Search buffers in metres (m)

Environment Agency river and coastal flooding:

- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m	4

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance).

Features are displayed on the River and coastal flooding map on **page 57**

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

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

7.2 Historical Flood Events

Records within 250m	3

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

Features are displayed on the River and coastal flooding map on **page 57**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
8	72m S	Littlehampton 1983	1983-02-02 1983-02-02	Main river	Overtopping of defences	Fluvial
8	72m S	Littlehampton 1985	1985-04-07 1985-04-07	Other	Overtopping of defences	Tidal
10	150m NW	Littlehampton 1983	1983-02-02 1983-02-02	Main river	Overtopping of defences	Fluvial

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

7.3 Flood Defences

Records within 250m	2

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

Features are displayed on the River and coastal flooding map on **page 57**

ID	Location	Update
5	54m SW	16/11/2020
12	168m SW	16/11/2020

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

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7.4 Areas Benefiting from Flood Defences

Records within 250m	0

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

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

7.5 Flood Storage Areas

Records within 250m	0

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

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

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River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 57**

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

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

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7.7 Flood Zone 3

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 57**

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

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

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8 Surface water flooding



Site Outline
Search buffers in metres (m)

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

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

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

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

8.1 Surface water flooding

Highest risk on site	**1 in 1000 year, 0.1m - 0.3m**
Highest risk within 50m	**1 in 30 year, 0.1m - 0.3m**

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

Features are displayed on the Surface water flooding map on **page 62**

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

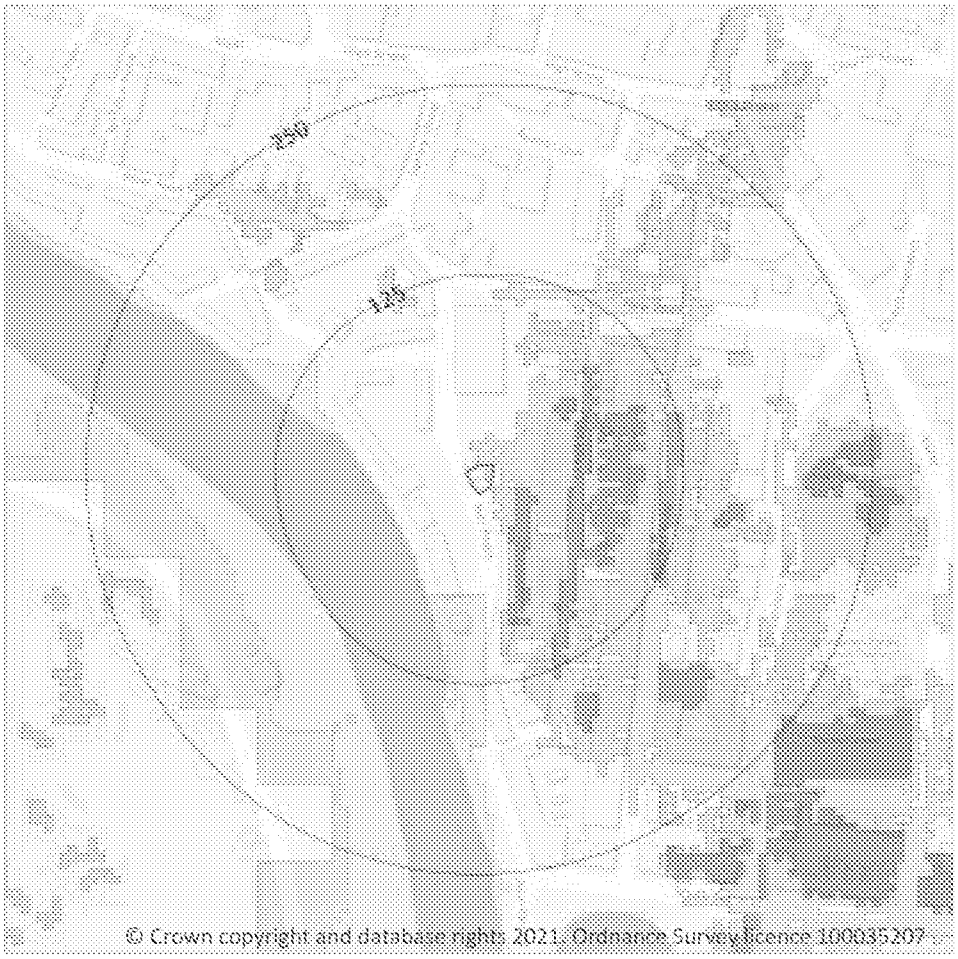
ARUN DISTRICT COUNCIL LU/44/21/DOC

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

Return period	Maximum modelled depth
1 in 1000 year	Between 0.1m and 0.3m
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

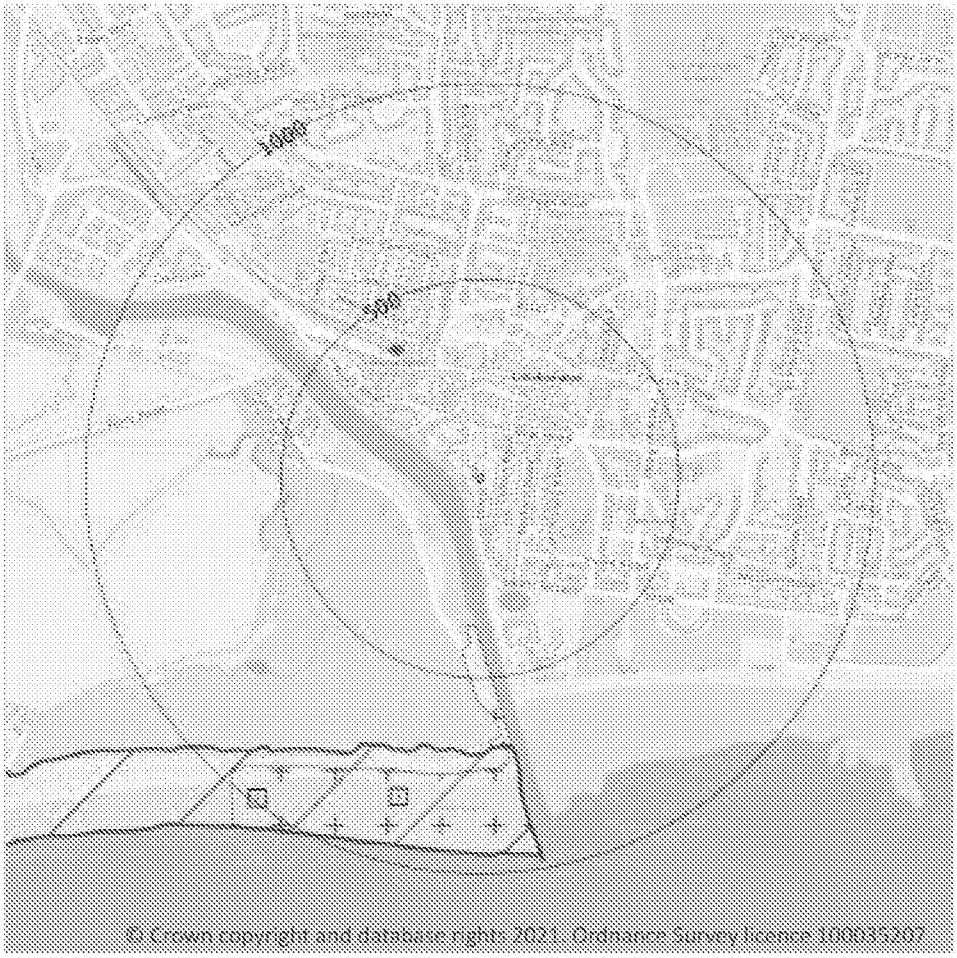
Highest risk on site	**Moderate-High**
Highest risk within 50m	**High**

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

Features are displayed on the Groundwater flooding map on **page 64**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Local Nature Reserves (LNR)

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	1

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

Features are displayed on the Environmental designations map on **page 65**

ID	Location	Name	Data source
2	672m S	Climping Beach	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

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

Features are displayed on the Environmental designations map on **page 65**

ID	Location	Name	Data source
1	363m S	West Beach	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m	0

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

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

10.8 Biosphere Reserves

Records within 2000m	0

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

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

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10.10 Marine Conservation Zones

Records within 2000m	0

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

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

10.11 Green Belt

Records within 2000m	0

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

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

10.12 Proposed Ramsar sites

Records within 2000m	0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	2

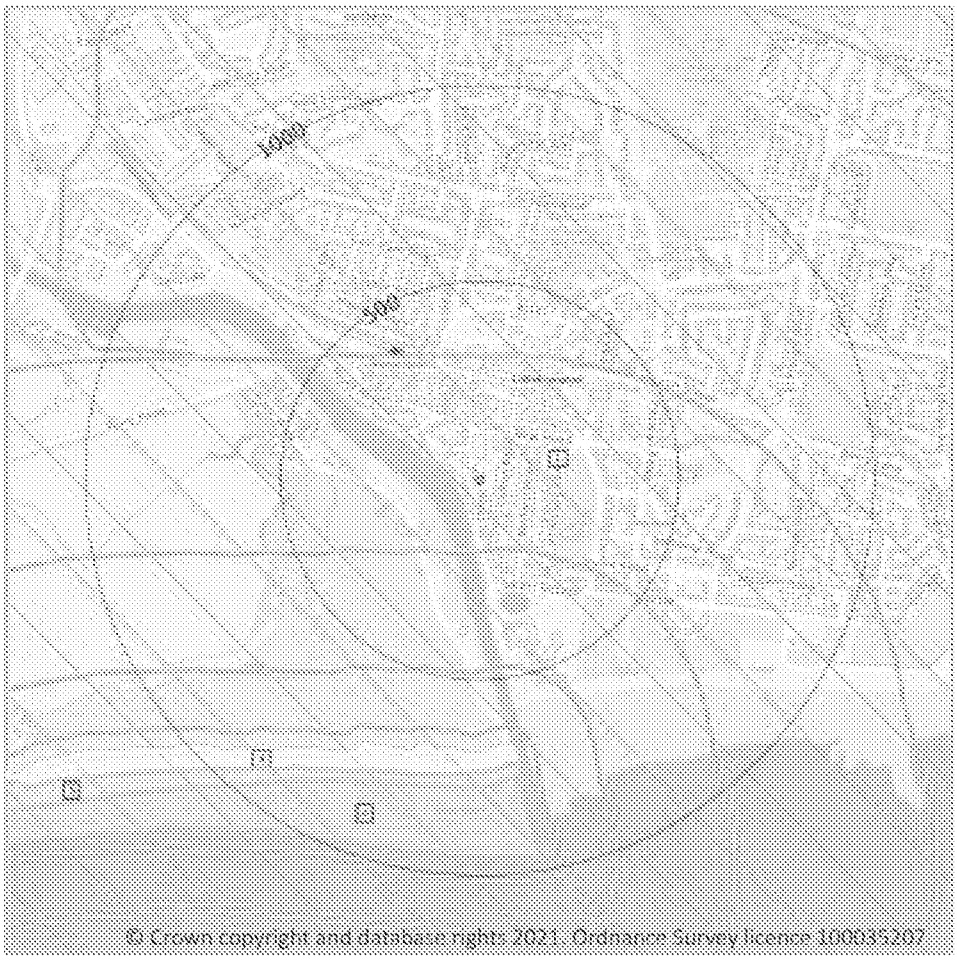
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
1740m N	Sussex Chalk	Groundwater	GS6	Changed
1956m NE	Sussex Chalk	Groundwater	GS6	Changed

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

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SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

Not recorded

Favourable

Unfavourable - Recovering

Unfavourable - No change

Unfavourable - Declining

Partially destroyed

Destroyed

10.17 SSSI Impact Risk Zones

Records on site	1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 70**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines Minerals, Oil and Gas - Planning applications for quarries: new proposals or extensions, outside or extending outside existing settlements/urban areas affecting greenspace, farmland or semi natural habitats. Oil & gas exploration/extraction Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha Residential - Residential development of 50 units or more. Rural residential - Any residential development of 10 or more houses outside existing settlements/urban areas. Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t). Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill. Composting - Any composting proposal with more than 500 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	3

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

Features are displayed on the SSSI Impact Zones and Units map on **page 70**

ID: 4
Location: 672m S
SSSI name: Climping Beach
Unit name: Climping Dunes
Broad habitat: Supralittoral Sediment
Condition: Unfavourable - Recovering
Reportable features:

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

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ID: 5
Location: 721m S
SSSI name: Climping Beach
Unit name: 2
Broad habitat: Supralittoral Sediment
Condition: Favourable
Reportable features:

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

ID: A
Location: 749m S
SSSI name: Climping Beach
Unit name: Intertidal
Broad habitat: Littoral Sediment
Condition: Favourable
Reportable features:

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

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

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

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

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

11.3 National Parks

Records within 250m	0

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

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

11.4 Listed Buildings

Records within 250m	11

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

Features are displayed on the Visual and cultural designations map on **page 73**

ID	Location	Name	Grade	Reference Number	Listed date
A	167m NW	Floyd's Corner, Littlehampton, Arun, West Sussex, BN17	II	1027796	11/05/1949
B	171m NW	Cairo Club, Littlehampton, Arun, West Sussex, BN17	II	1027797	21/08/1975
B	172m NW	Old Quay House, Littlehampton, Arun, West Sussex, BN17	II	1191158	21/08/1975
A	185m NW	34, Surrey Street, Littlehampton, Arun, West Sussex, BN17	II	1191098	21/08/1975
A	189m NW	The White Hart Public House, Littlehampton, Arun, West Sussex, BN17	II	1353801	21/08/1975

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Name	Grade	Reference Number	Listed date
2	201m NW	1, River Road, Littlehampton, Arun, West Sussex, BN17	II	1353775	21/08/1975
3	208m N	20-24, Surrey Street, Littlehampton, Arun, West Sussex, BN17	II	1027795	19/02/1975
C	226m NW	4 And 5, River Road, Littlehampton, Arun, West Sussex, BN17	II	1027822	21/08/1975
C	237m NW	7 And 8, River Road, Littlehampton, Arun, West Sussex, BN17	II	1130952	21/08/1975
C	244m NW	10, River Road, Littlehampton, Arun, West Sussex, BN17	II	1027823	21/08/1975
4	250m E	War Memorial, Littlehampton, Arun, West Sussex, BN17	II	1027806	21/08/1975

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

11.5 Conservation Areas

Records within 250m	1

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

Features are displayed on the Visual and cultural designations map on **page 73**

ID	Location	Name	District	Date of designation
1	124m N	Littlehampton (River Road)	Arun	06/1989

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

11.6 Scheduled Ancient Monuments

Records within 250m	0

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

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

ARUN DISTRICT COUNCIL LU/44/21/DOC

11.7 Registered Parks and Gardens

Records within 250m	0

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

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

12 Agricultural designations



Site Outline

Search buffers in metres (m)

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

12.1 Agricultural Land Classification

Records within 250m	1

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

Features are displayed on the Agricultural designations map on **page 77**

ID	Location	Classification	Description
1	On site	Urban	-

This data is sourced from Natural England.

ARUN DISTRICT COUNCIL LU/44/21/DOC

12.2 Open Access Land

Records within 250m	0

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

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

12.3 Tree Felling Licences

Records within 250m	0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment.

This data is sourced from Natural England

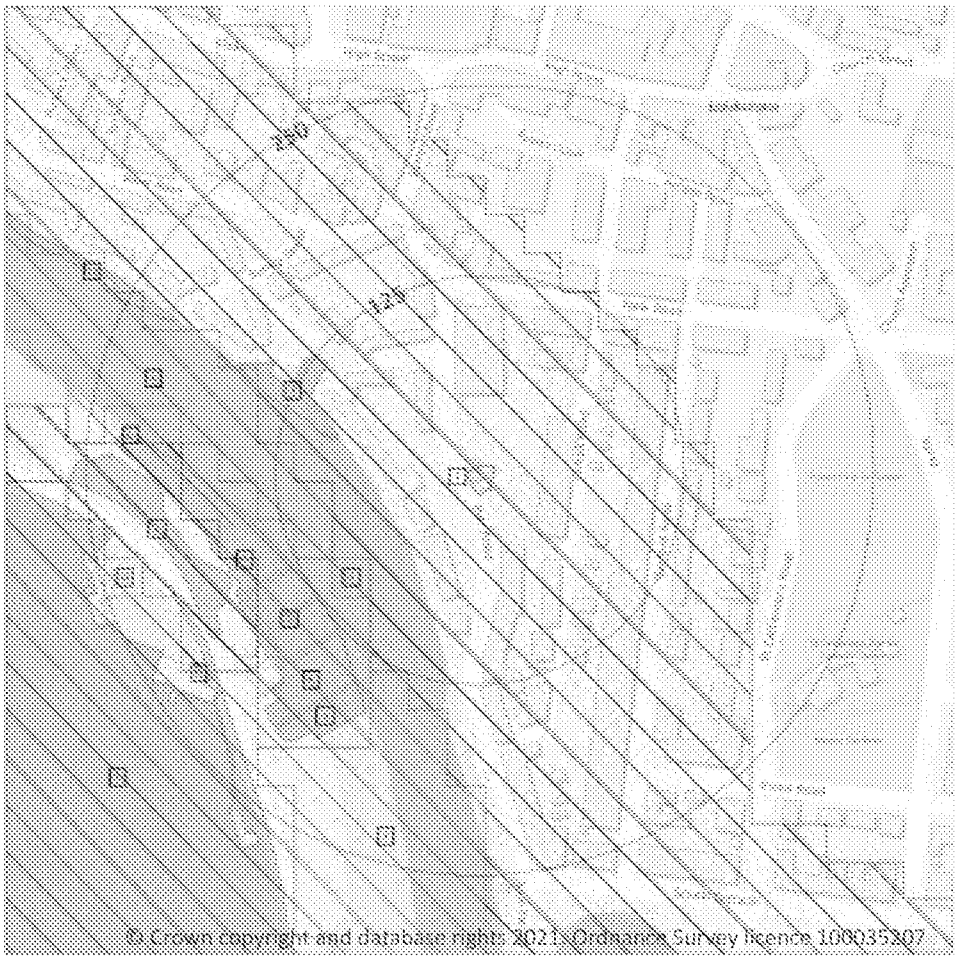
12.5 Countryside Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

13 Habitat designations



Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks
Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	9

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

Features are displayed on the Habitat designations map on **page 79**

ID	Location	Main Habitat	Other habitats
3	87m W	Mudflats	Main habitat: MUDFL (INV > 50%)
6	124m SW	Mudflats	Main habitat: MUDFL (INV > 50%)
8	128m SW	Mudflats	Main habitat: MUDFL (INV > 50%)
9	147m SW	Mudflats	Main habitat: MUDFL (INV > 50%)

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Main Habitat	Other habitats
A	170m SW	Coastal saltmarsh	Main habitat: SALTM (INV > 50%)
B	203m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)
C	214m W	Mudflats	Main habitat: MUDFL (INV > 50%)
10	214m NW	Mudflats	Main habitat: MUDFL (INV > 50%)
11	216m SW	Good quality semi-improved grassland	Main habitat: GQSIG (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	9

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

Features are displayed on the Habitat designations map on **page 79**

ID	Location	Type	Habitat
1	**On site**	**Network Enhancement Zone 2**	**Not specified**
2	82m SW	Network Enhancement Zone 1	Not specified
4	88m W	Network Enhancement Zone 1	Not specified
5	97m SW	Associated Habitats	Other associated habitats
7	125m S	Network Enhancement Zone 1	Not specified
A	148m W	Primary Habitat	Saltmarsh
B	186m SW	Restorable Habitat	Not specified
C	188m W	Associated Habitats	Other associated habitats
12	220m W	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	0

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

ARUN DISTRICT COUNCIL LU/44/21/DOC

This data is sourced from Natural England.

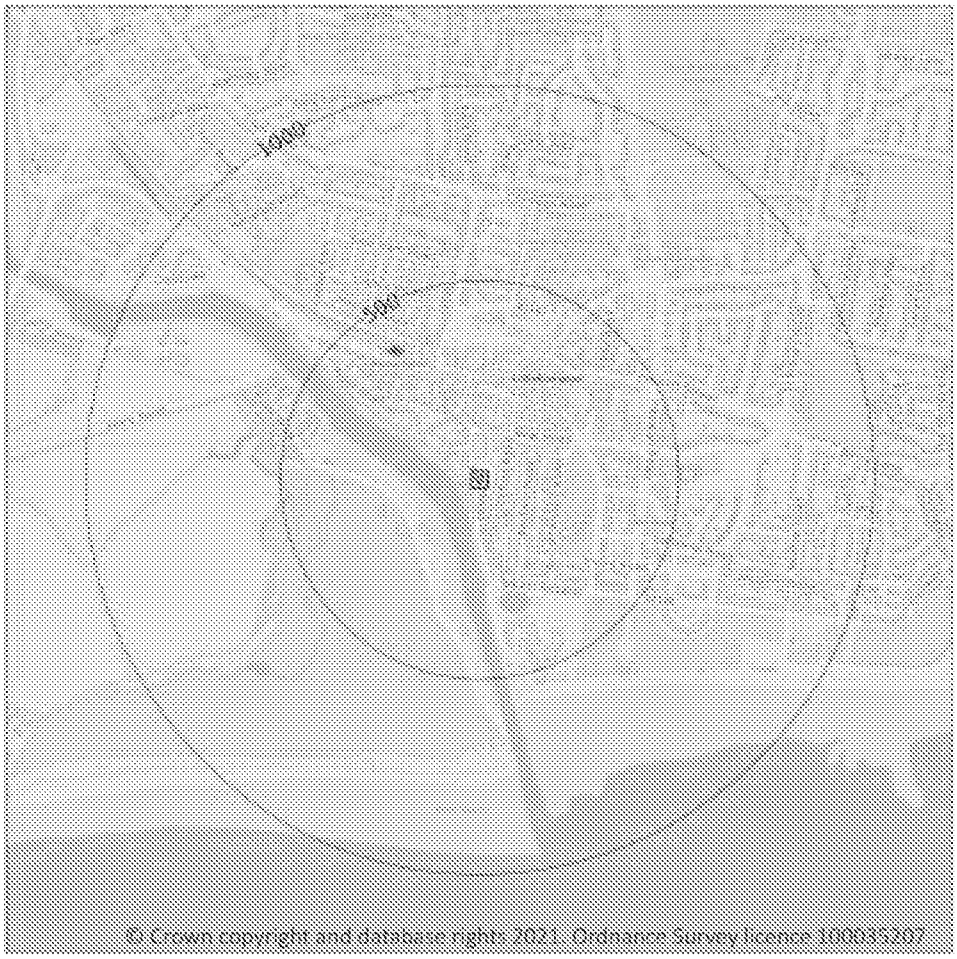
13.4 Limestone Pavement Orders

Records within 250m	0

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

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m **1**

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

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 82**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	TQ00SW

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

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

14.2 Artificial and made ground (10k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m 4

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 84**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**RBD1-V**	**Raised Beach Deposits, 1 - Gravel**	**Gravel**
2	52m SW	TRD-XSZC	Tidal River Or Creek Deposits - Sand, Silt And Clay	Sand, Silt And Clay
3	277m NE	BRK-2	Brickearth - Silt	Silt
4	360m S	BSA-S	Blown Sand - Sand	Sand

ARUN DISTRICT COUNCIL LU/44/21/DOC

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

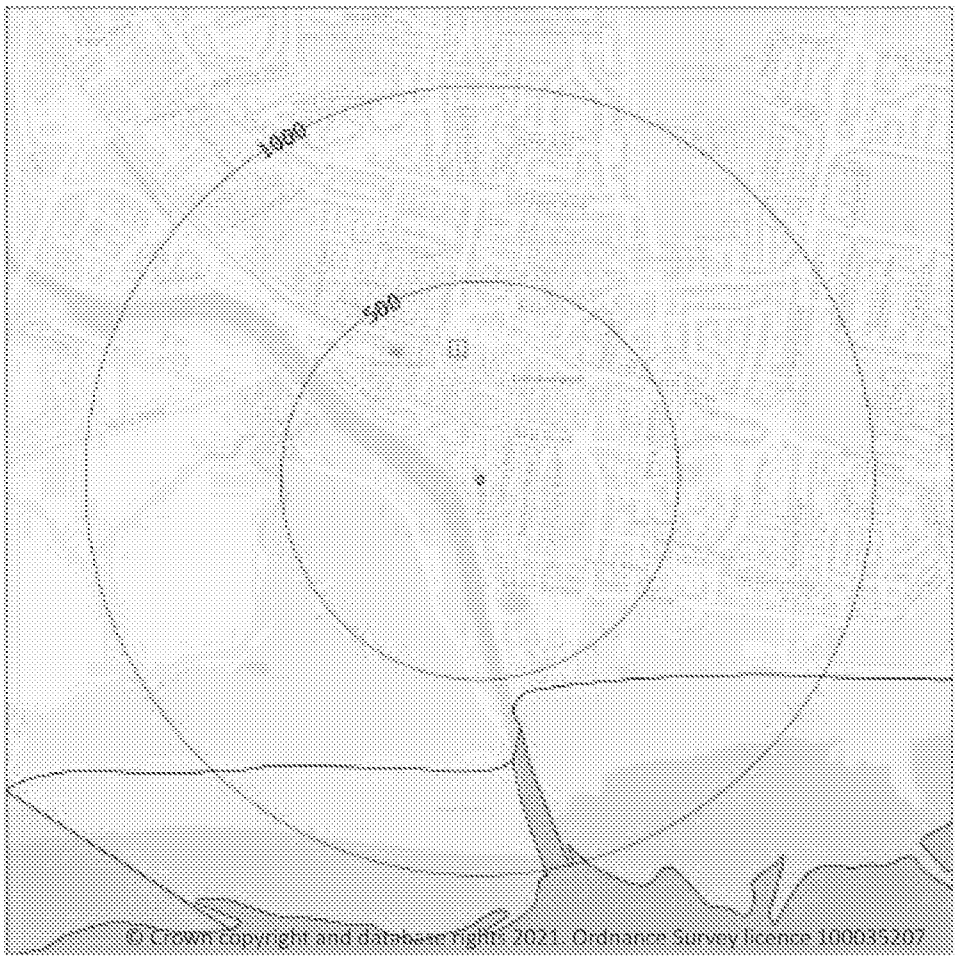
Records within 500m	0

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m	1

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 86**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

14.6 Bedrock faults and other linear features (10k)

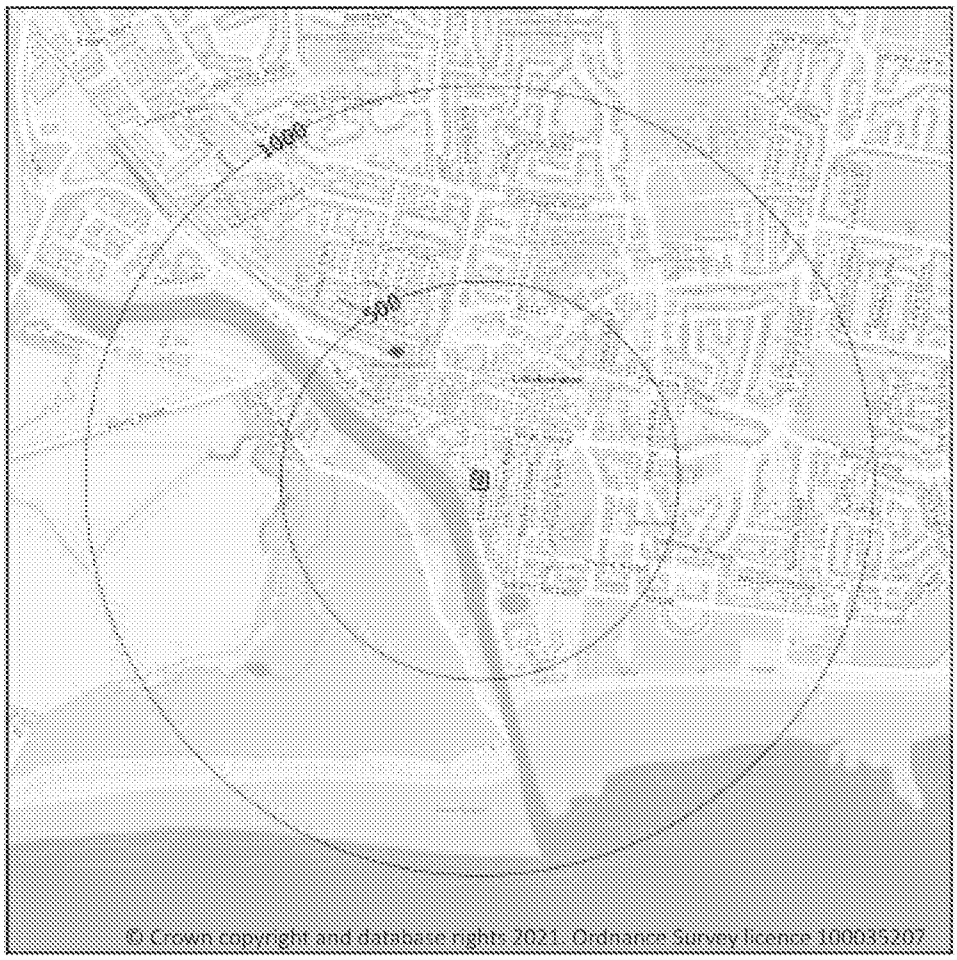
Records within 500m	0

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 88**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

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

15.2 Artificial and made ground (50k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

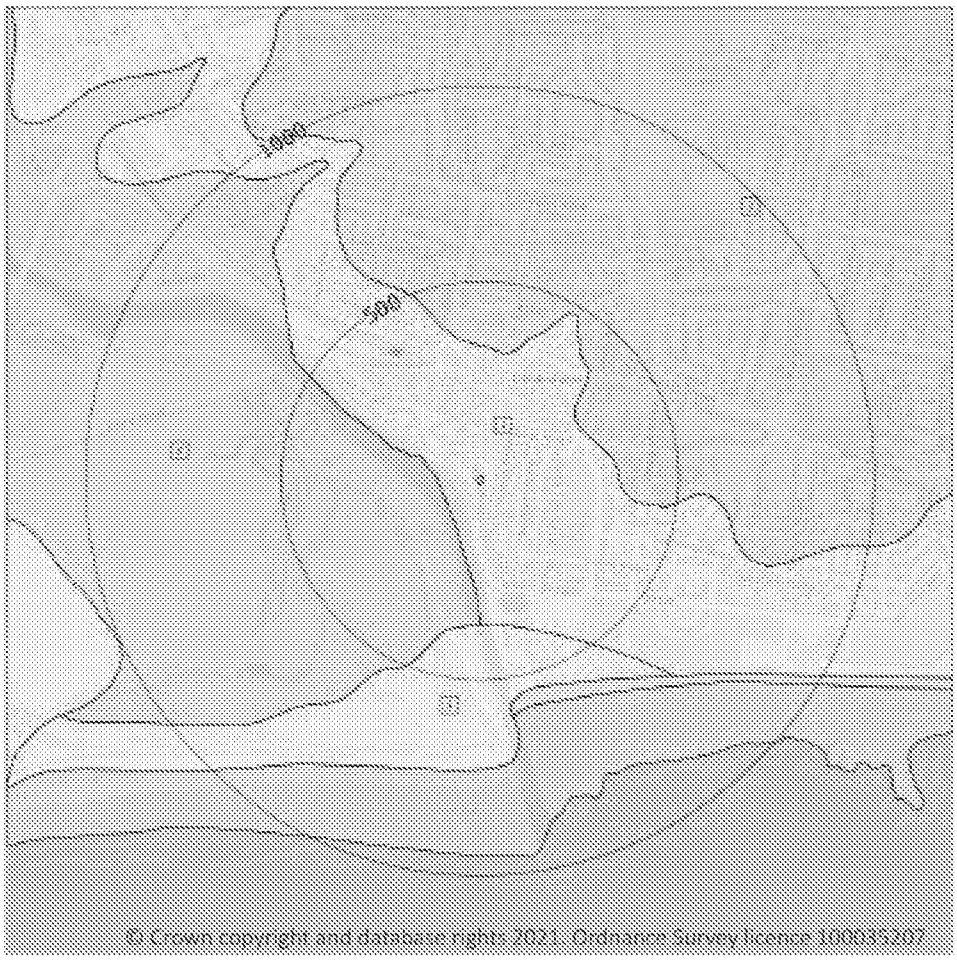
Records within 50m	0

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m **4**

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 90**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**RBD1-XSV**	**RAISED BEACH DEPOSITS, 1**	**SAND AND GRAVEL**
2	94m W	RMD-XCZSV	RAISED MARINE DEPOSITS	CLAY, SILT, SAND AND GRAVEL
3	276m NE	RTDU-XSZC	RIVER TERRACE DEPOSITS (UNDIFFERENTIATED)	SAND, SILT AND CLAY
4	359m S	BSA-S	BLOWN SAND	SAND

ARUN DISTRICT COUNCIL LU/44/21/DOC

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

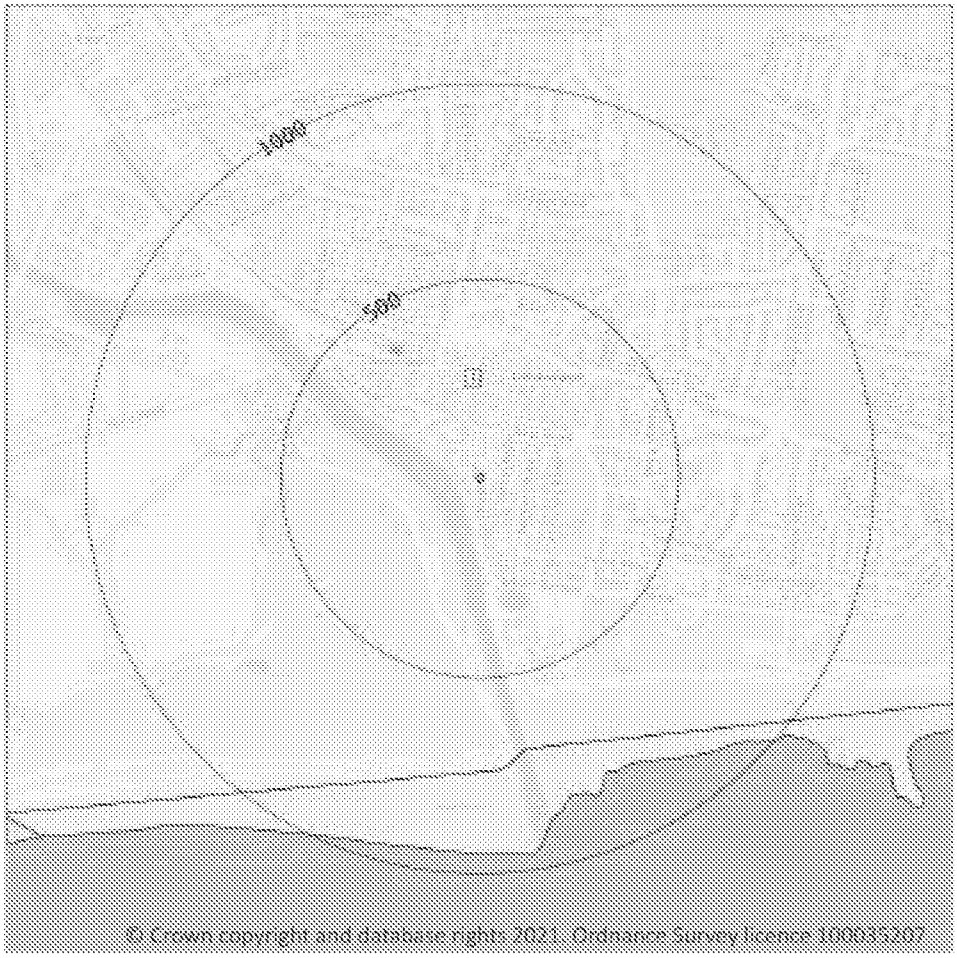
Records within 50m	0

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Geology 1:50,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m	1

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 92**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

15.9 Bedrock permeability (50k)

Records within 50m	1

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Very High	Very High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

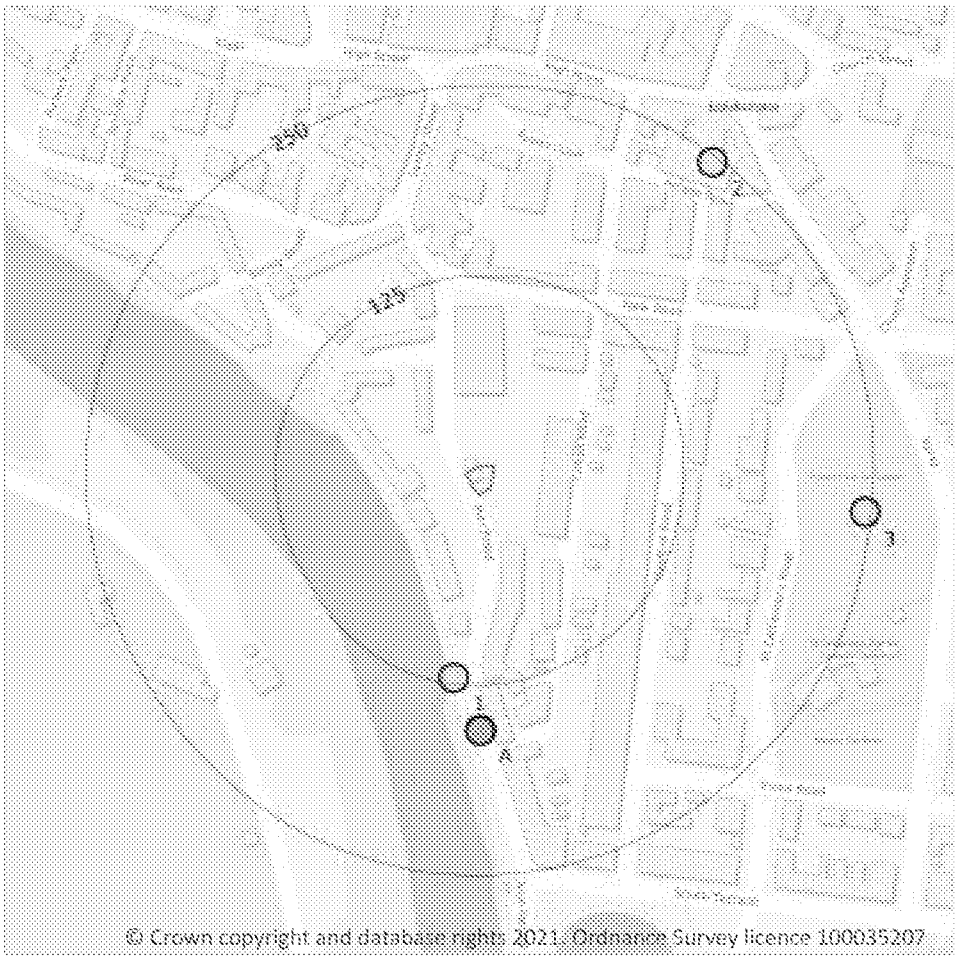
Records within 500m	0

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

16 Boreholes



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16.1 BGS Boreholes

Records within 250m	5

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

Features are displayed on the Boreholes map on **page 94**

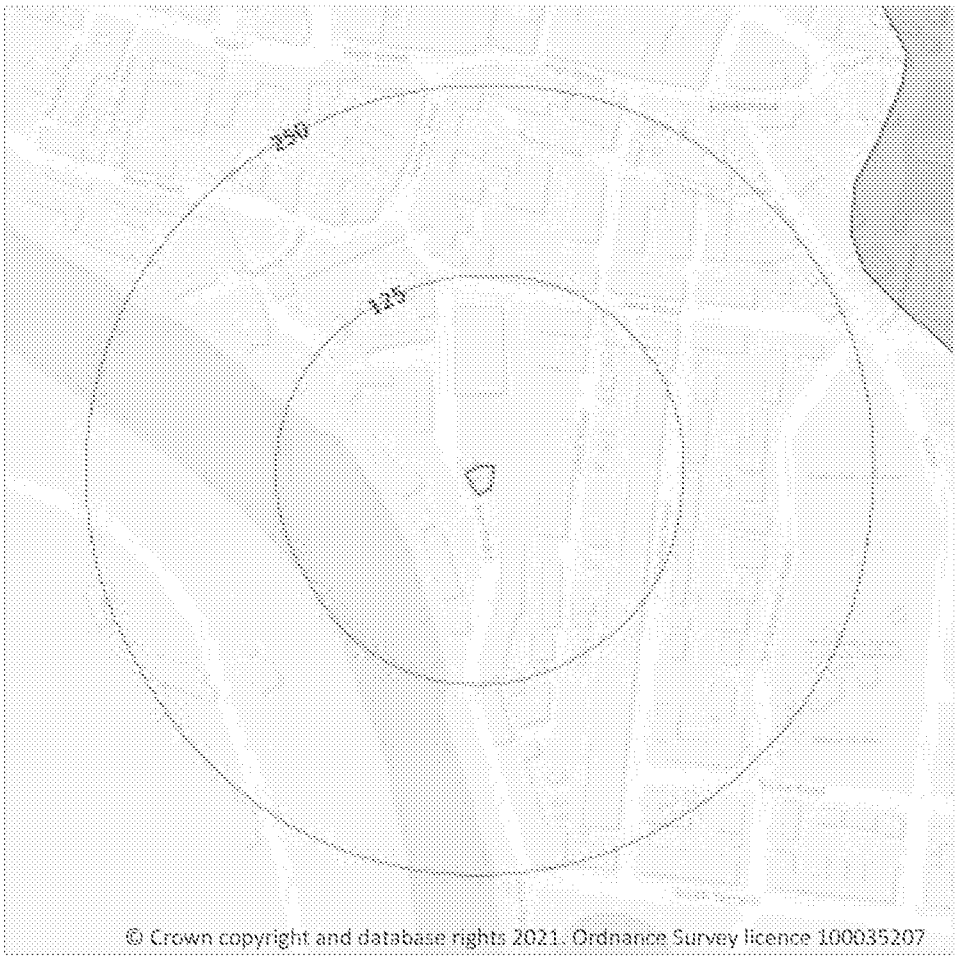
ID	Location	Grid reference	Name	Length	Confidential	Web link
1	121m S	502730 101721	LITTLEHAMPTON ARUN TIDAL DEFENCES EAST BANKS - SI WORKS CP501	13.0	N	19952441
A	154m S	502747 101687	LITTLEHAMPTON ARUN TIDAL DEFENCES CPRC89	0.95	N	19952383

ARUN DISTRICT COUNCIL LU/44/21/DOC

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	155m S	502747 101686	LITTLEHAMPTON ARUN TIDAL DEFENCES CPRC89A	30.3	N	19952384
2	246m NE	502900 102060	BEACH ROAD LITTLEHAMPTON	22.86	N	569282
3	246m E	503000 101830	ST CATHERINES ROAD, LITTLEHAMPTON	19.81	N	569945

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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Site Outline

Search buffers in metres (m)

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

17.1 Shrink swell clays

Records within 50m	1

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

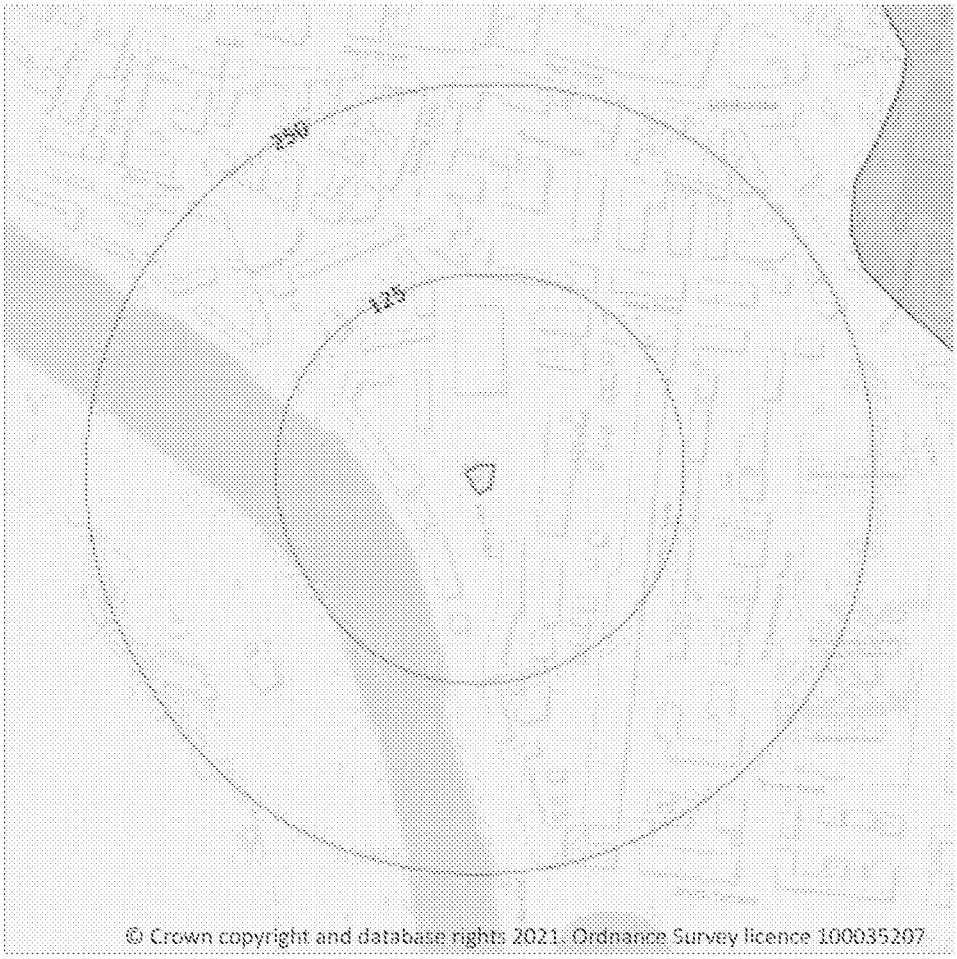
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 96**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

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

17.2 Running sands

Records within 50m	1

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

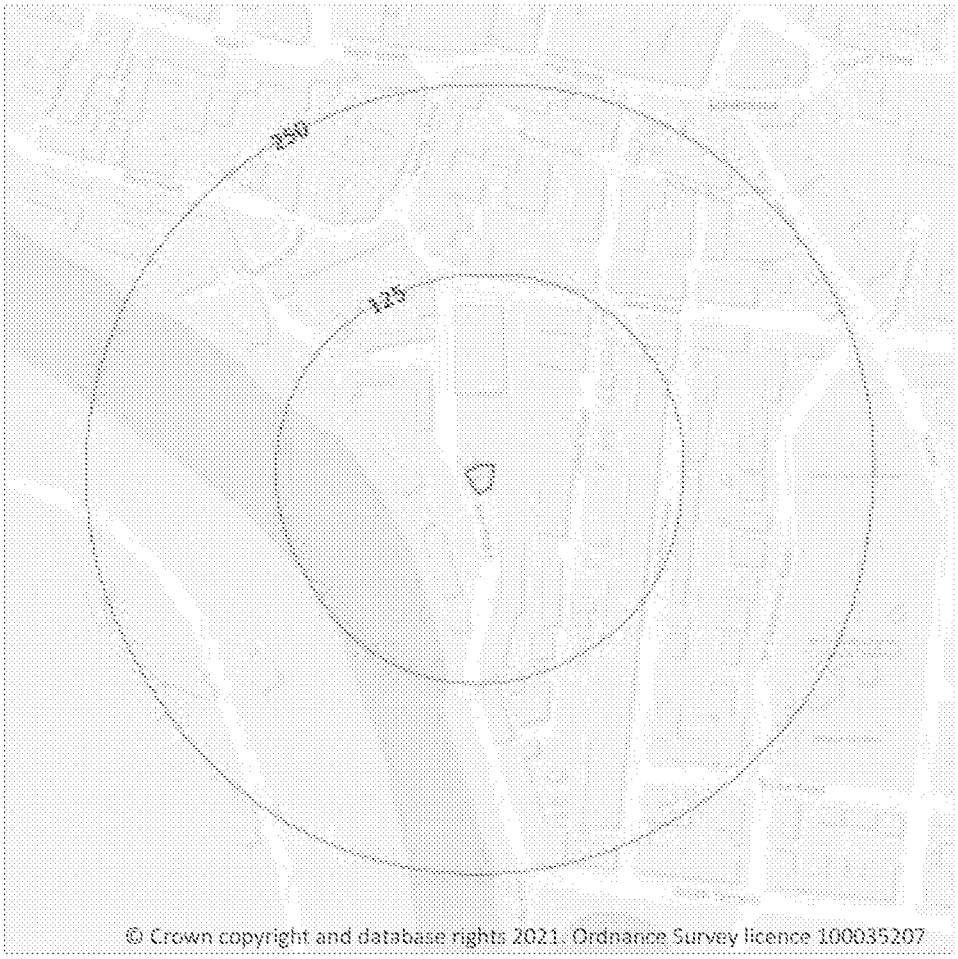
Features are displayed on the Natural ground subsidence - Running sands map on **page 97**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Natural ground subsidence - Compressible deposits



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Site Outline

Search buffers in metres (m)

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

17.3 Compressible deposits

Records within 50m	1

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

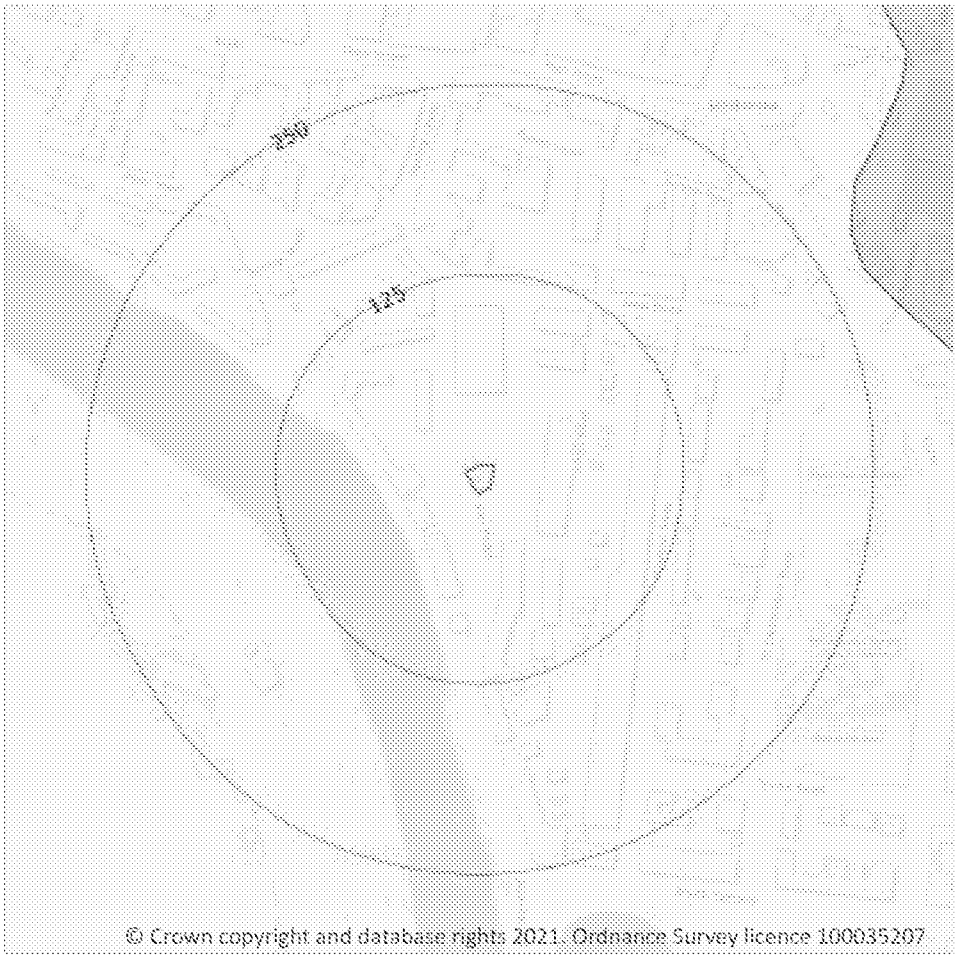
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 98**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Natural ground subsidence - Collapsible deposits



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Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	1

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

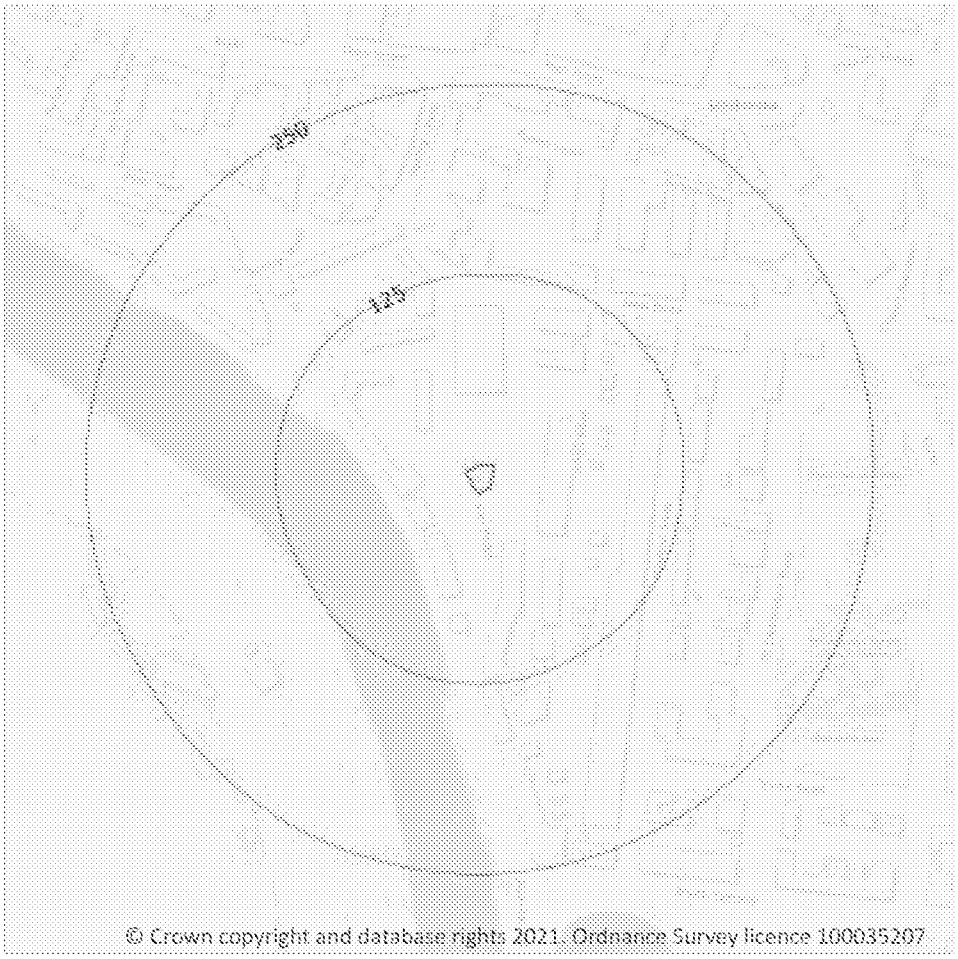
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 99**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Natural ground subsidence - Landslides



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Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	1

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

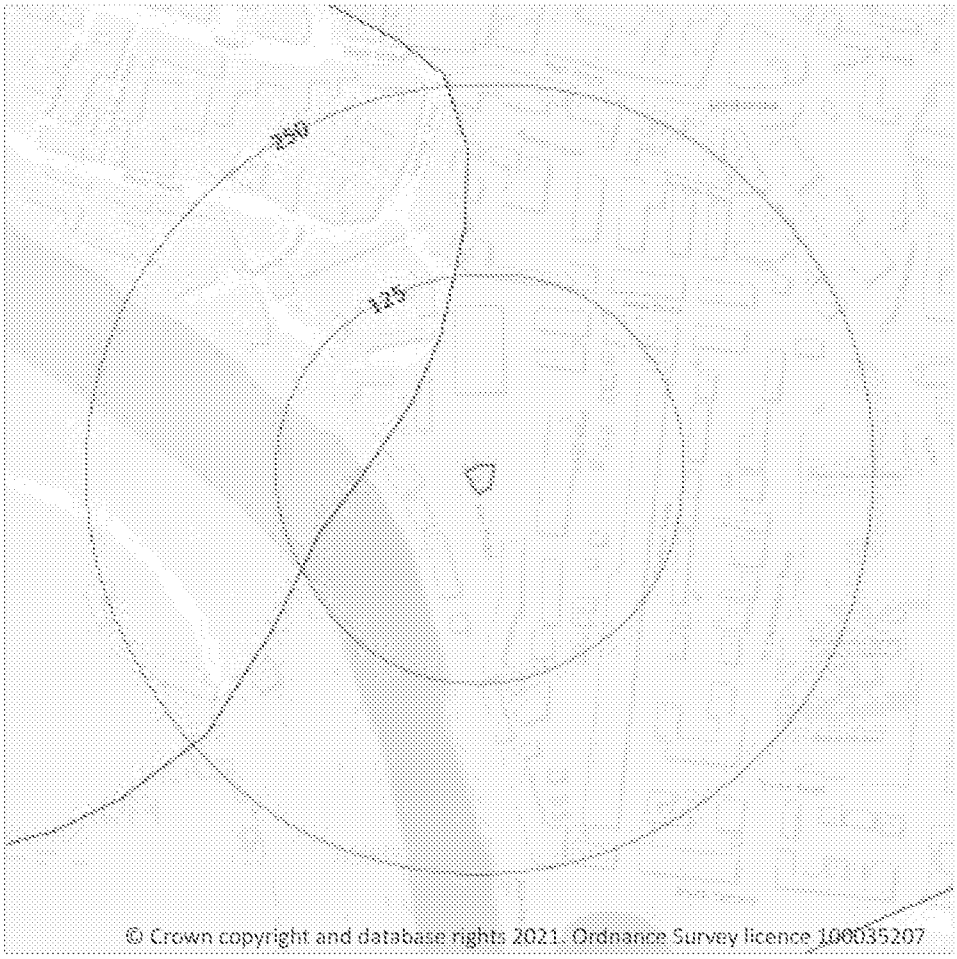
Features are displayed on the Natural ground subsidence - Landslides map on **page 100**

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

This data is sourced from the British Geological Survey.

ARUN DISTRICT COUNCIL LU/44/21/DOC

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

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

17.6 Ground dissolution of soluble rocks

Records within 50m	1

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

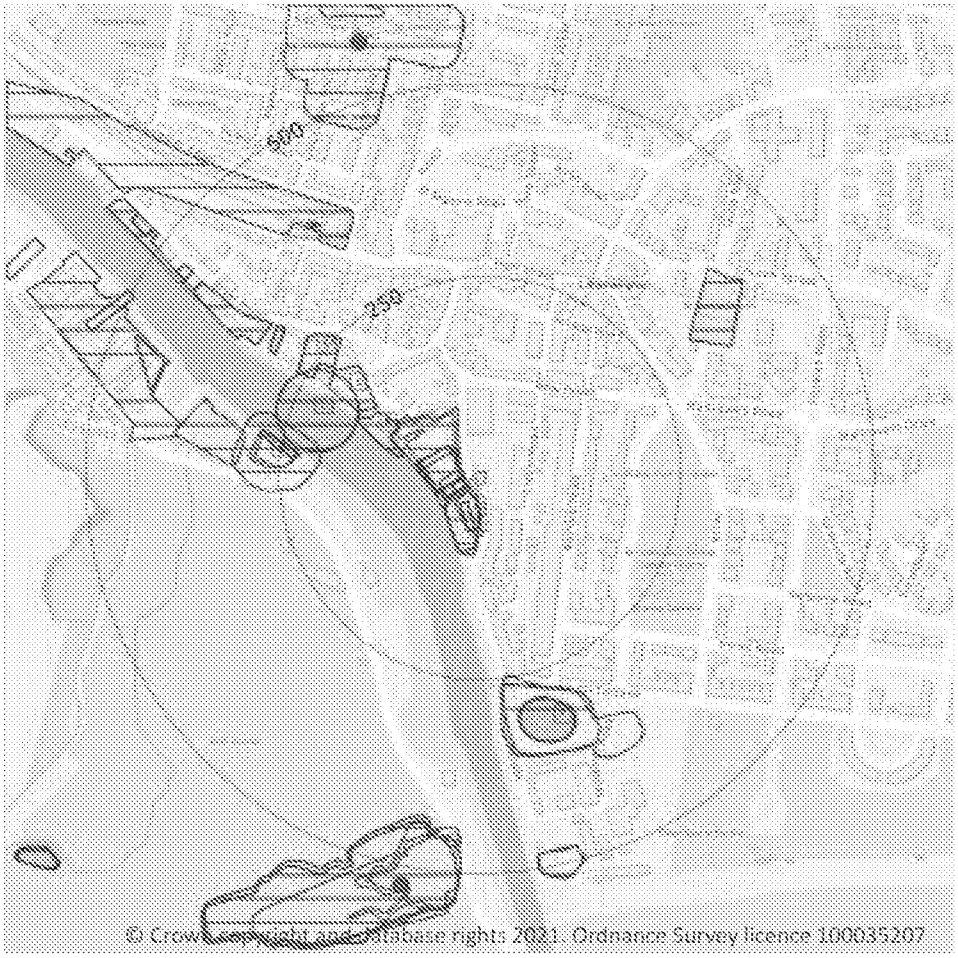
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 101**

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

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This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities



Site Outline

Search buffers in metres (m)

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

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m	0

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

This data is sourced from Peter Brett Associates (PBA).

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18.2 BritPits

Records within 500m	0

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

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	33

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 103**

ID	Location	Land Use	Year of mapping	Mapping scale
A	10m SW	Ballast Wharf	1876	1:10560
A	11m SW	Coal Wharf	1876	1:10560
A	14m W	Coal Wharf	1910	1:10560
A	14m SW	Unspecified Wharf	1932	1:10560
A	14m SW	Unspecified Wharf	1932	1:10560
A	14m SW	Unspecified Wharf	1992	1:10000
A	14m SW	Unspecified Wharf	1981	1:10000
A	14m SW	Unspecified Wharf	1974	1:10000
A	15m SW	Unspecified Wharf	1938	1:10560
A	16m SW	Unspecified Wharf	1938	1:10560
A	18m W	Unspecified Wharf	1957	1:10560
A	21m W	Unspecified Wharf	1932	1:10560
A	21m W	Unspecified Wharf	1932	1:10560
A	26m SW	Unspecified Wharf	1992	1:10000
A	26m SW	Unspecified Wharf	1981	1:10000
A	26m SW	Unspecified Wharf	1974	1:10000
A	26m SW	Unspecified Wharf	1957	1:10560

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ID	Location	Land Use	Year of mapping	Mapping scale
A	37m NW	Timber Wharf	1876	1:10560
A	47m SW	Unspecified Wharf	1957	1:10560
B	93m W	Unspecified Wharf	1981	1:10000
B	93m W	Unspecified Wharf	1974	1:10000
1	151m NW	Unspecified Wharf	1974	1:10000
C	165m NW	Unspecified Wharf	1992	1:10000
C	165m NW	Unspecified Wharf	1981	1:10000
D	199m W	Unspecified Wharf	1938	1:10560
D	225m W	Unspecified Wharf	1932	1:10560
D	225m W	Unspecified Wharf	1932	1:10560
D	227m W	Unspecified Wharf	1896	1:10560
E	227m NW	Unspecified Wharf	1992	1:10000
E	227m NW	Unspecified Wharf	1981	1:10000
E	227m NW	Unspecified Wharf	1974	1:10000
D	230m W	Unspecified Wharf	1876	1:10560
F	248m S	Unspecified Pits	1876	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	0

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

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

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

This data is sourced from the British Geological Survey.

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18.6 Non-coal mining

Records within 1000m	1

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 103**

ID	Location	Name	Commodity	Class	Likelihood
5	394m N	Not available	Chalk	A	Sporadic underground mining of restricted extent may have occurred. Potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	0

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

This data is sourced from Peter Brett Associates (PBA).

18.8 JPB mining areas

Records on site	0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	0

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

This data is sourced from the Coal Authority.

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18.10 Brine areas

Records on site	0

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

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

18.11 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

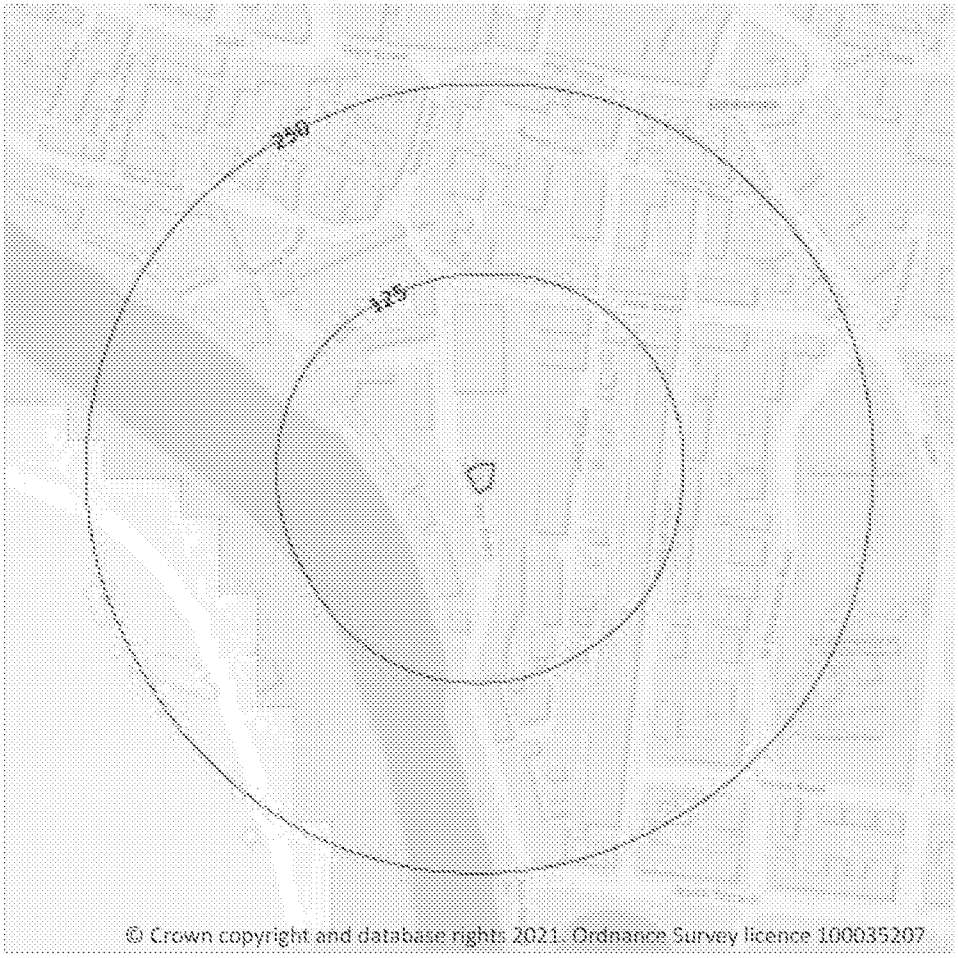
18.13 Clay mining

Records on site	0

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

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

19 Radon



Site Outline

Search buffers in metres (m)

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

19.1 Radon

Records on site	1

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

Features are displayed on the Radon map on **page 108**

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

This data is sourced from the British Geological Survey and Public Health England.

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20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	1

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

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

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

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

This data is sourced from the British Geological Survey.

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21 Railway infrastructure and projects

21.1 Underground railways (London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	0

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

This data is sourced from Ordnance Survey/Groundsure.

21.5 Royal Mail tunnels

Records within 250m	0

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m	0

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	0

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

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	0

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

This data is sourced from HS2 ltd.

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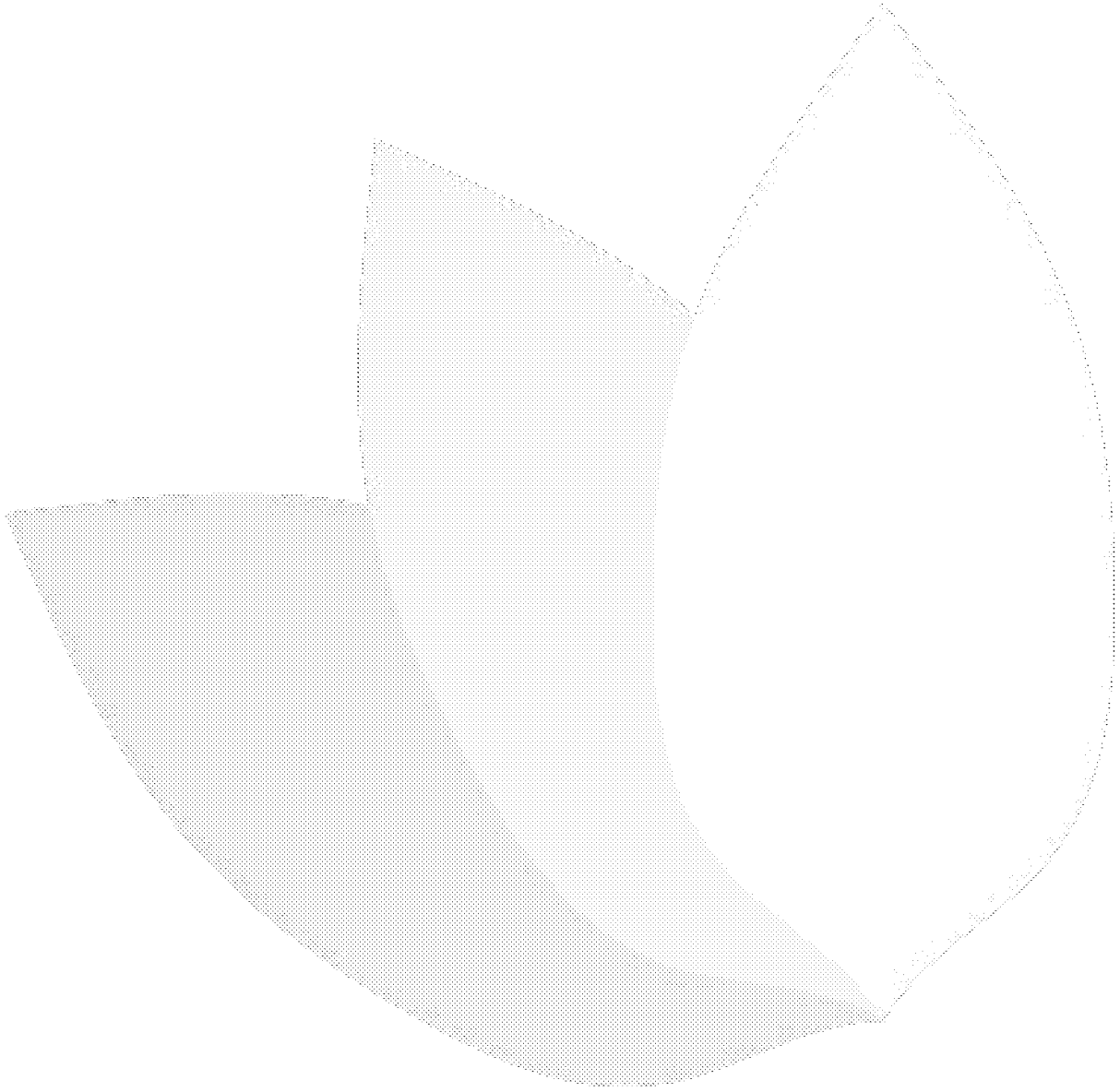
Data providers

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

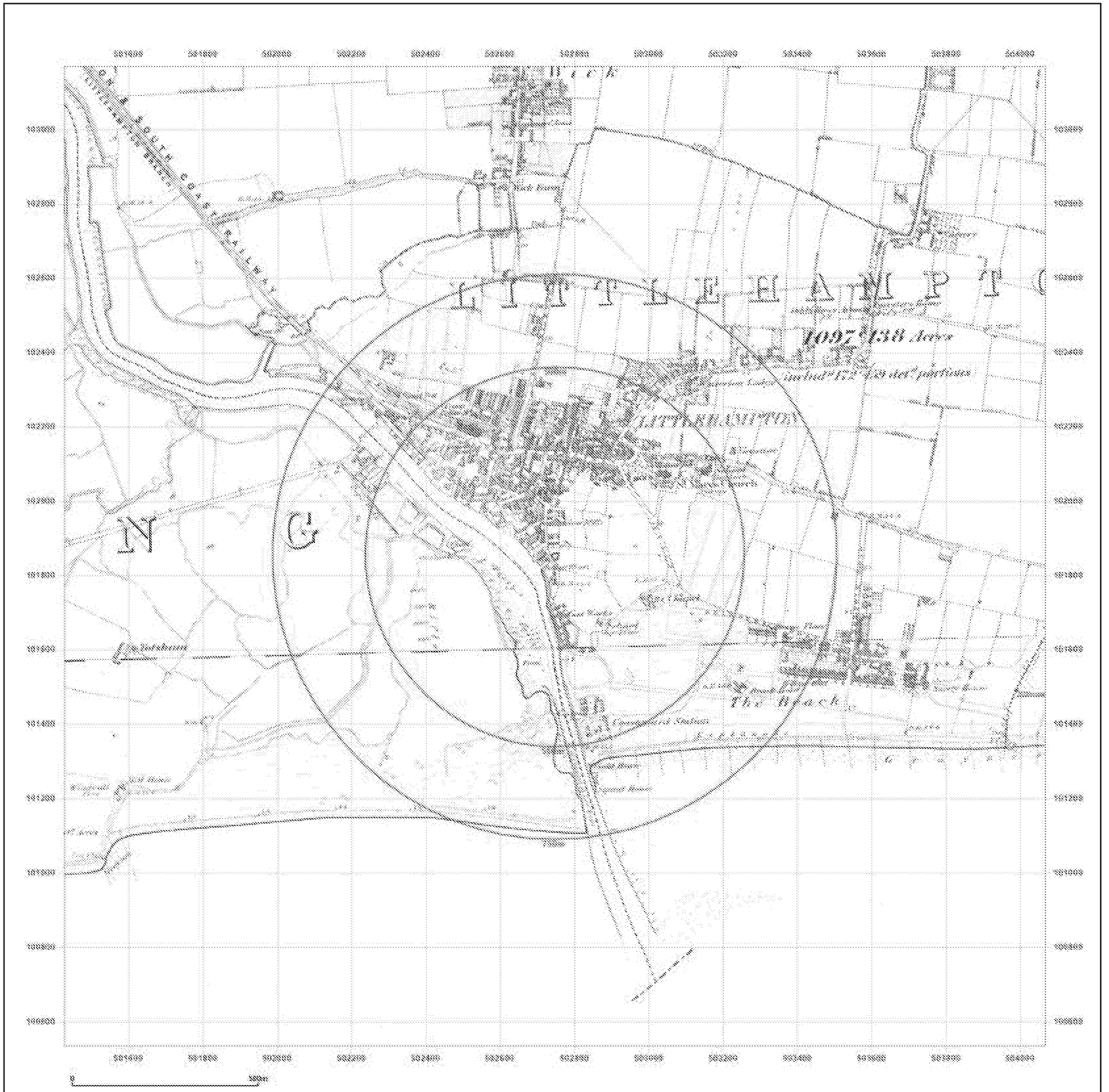
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APPENDIX C: Historical Ordnance Survey Maps



ARUN DISTRICT COUNCIL LU/44/21/DOC



Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series
Map date: **1876**
Scale: 1:10,560
Printed at: 1:10,560

N W E S

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

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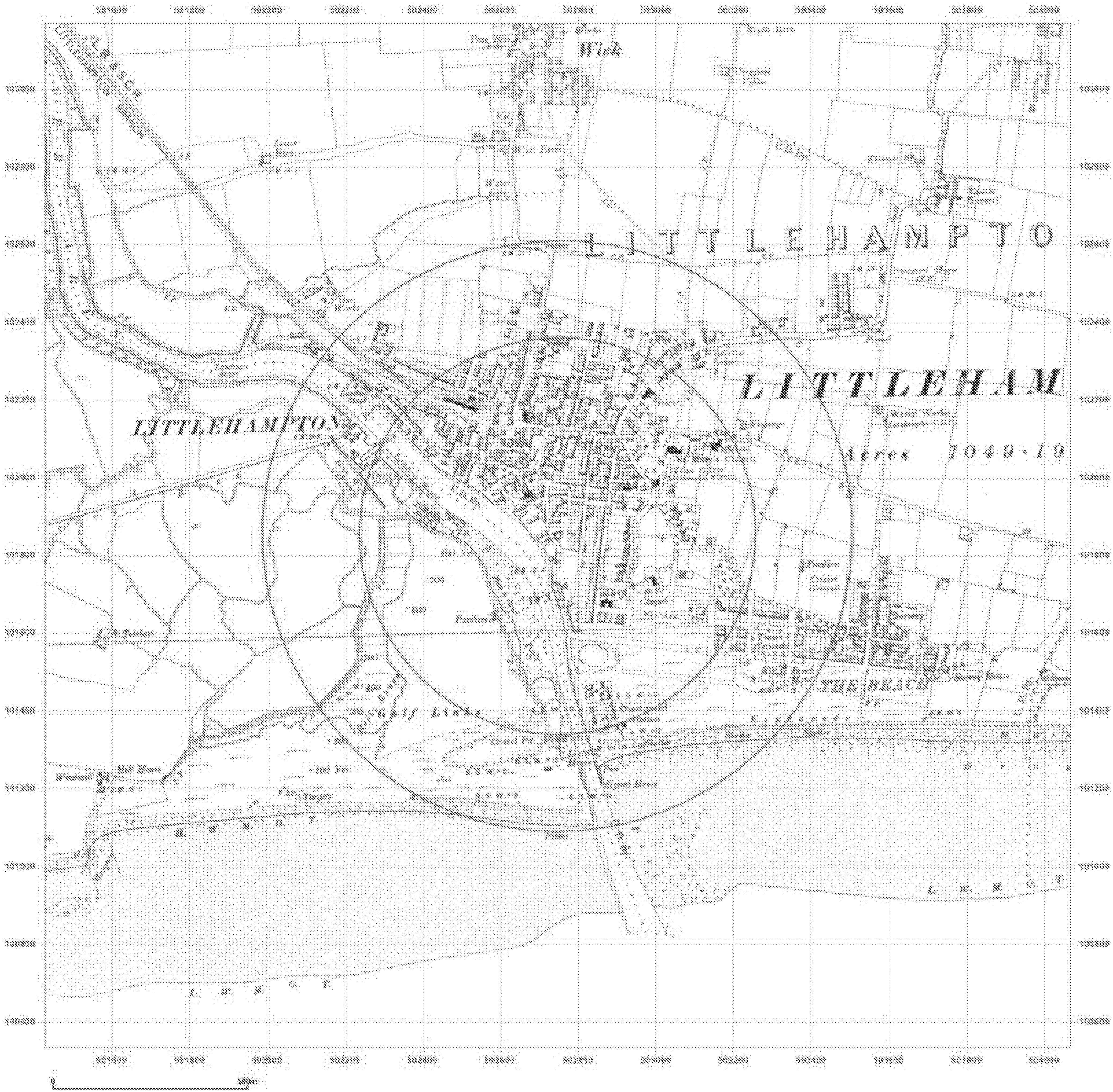
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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1896**

Scale: 1:10,560

Printed at: 1:10,560

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

Surveyed 1876
Revised 1896
Edition N/A
Copyright N/A
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Site Details:

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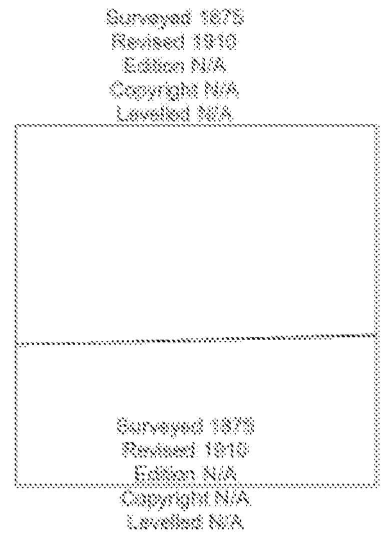
Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1910**

Scale: 1:10,560

Printed at: 1:10,560



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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1910**

Scale: 1:10,560

Printed at: 1:10,560

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

Surveyed 1875
Revised 1910
Edition N/A
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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1932**

Scale: 1:10,560

Printed at: 1:10,560

N W E S

Surveyed 1875
Revised 1932
Edition N/A
Copyright N/A
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Surveyed 1875
Revised 1932
Edition N/A
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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1938**

Scale: 1:10,560

Printed at: 1:10,560

N W E S

Surveyed 1875
Revised 1938
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Surveyed 1875
Revised 1938
Edition N/A
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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: Provisional

Map date: **1957**

Scale: 1:10,560

Printed at: 1:10,560

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

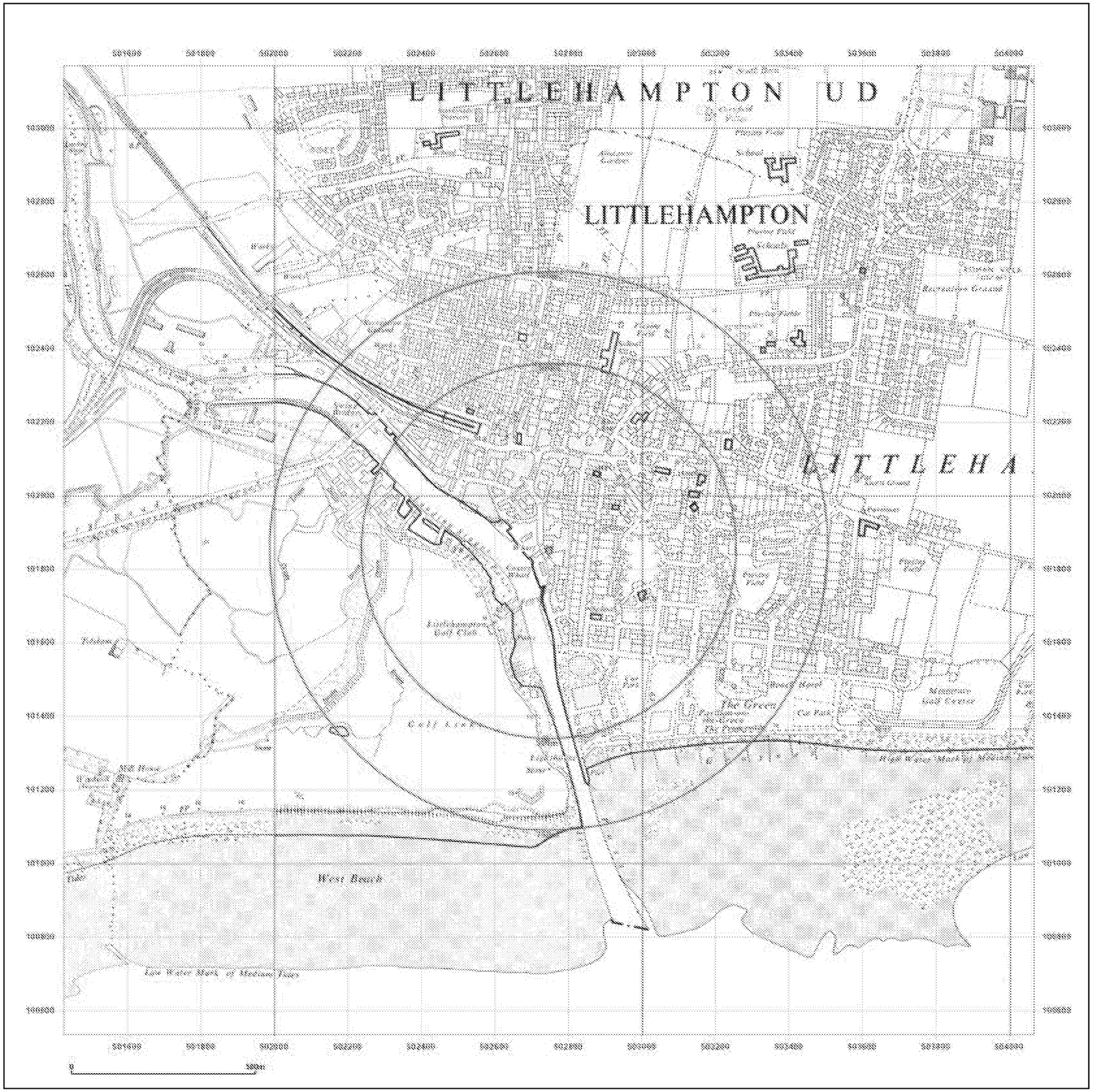
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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: Provisional

Map date: **1957**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1873
Revised 1957
Edition N/A
Copyright N/A
Levelled N/A

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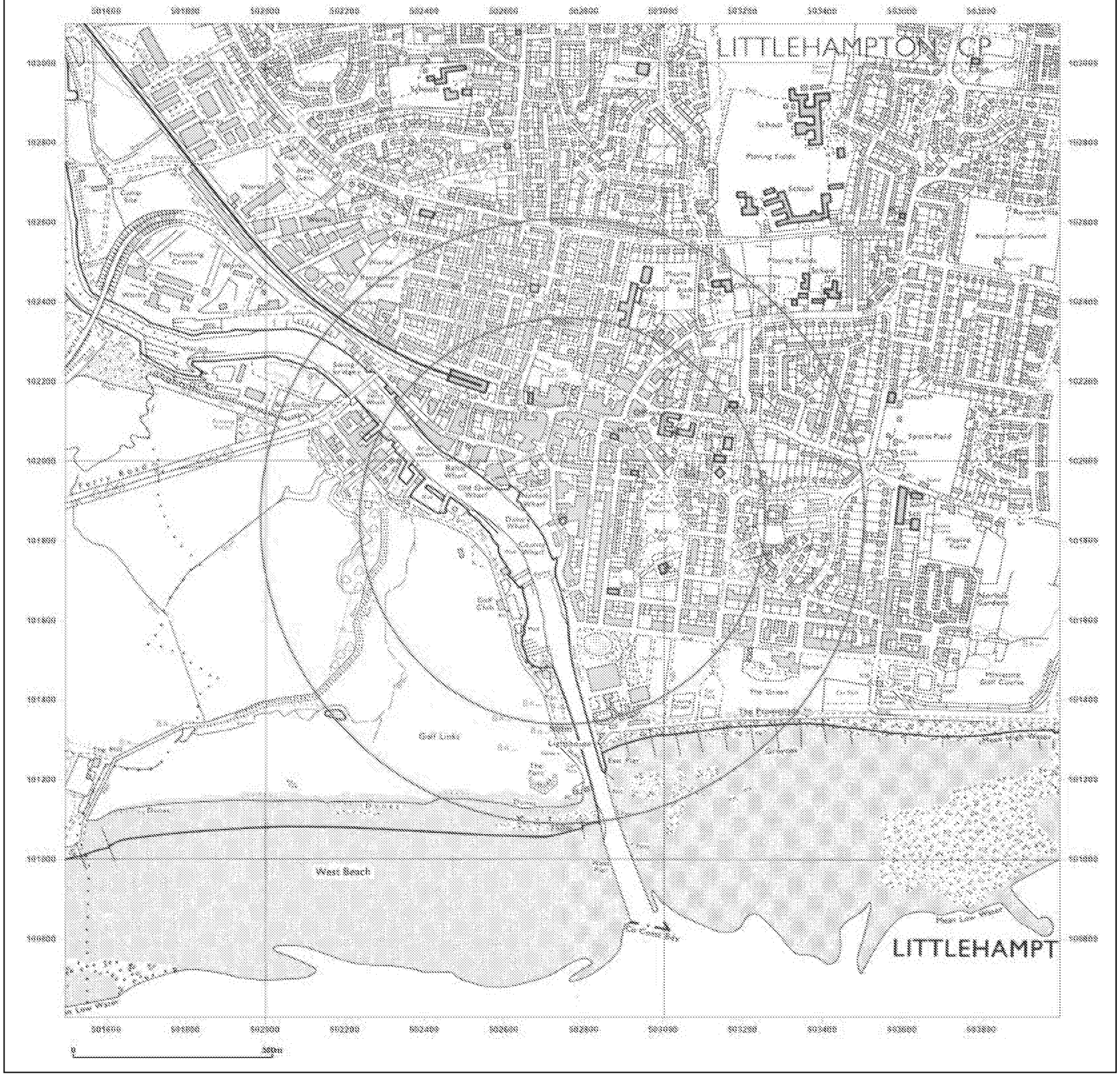
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Site Details:

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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1974**

Scale: 1:10,000

Printed at: 1:10,000

N W E S

Surveyed 1972
Revised 1974
Edition N/A
Copyright N/A
Levelled N/A

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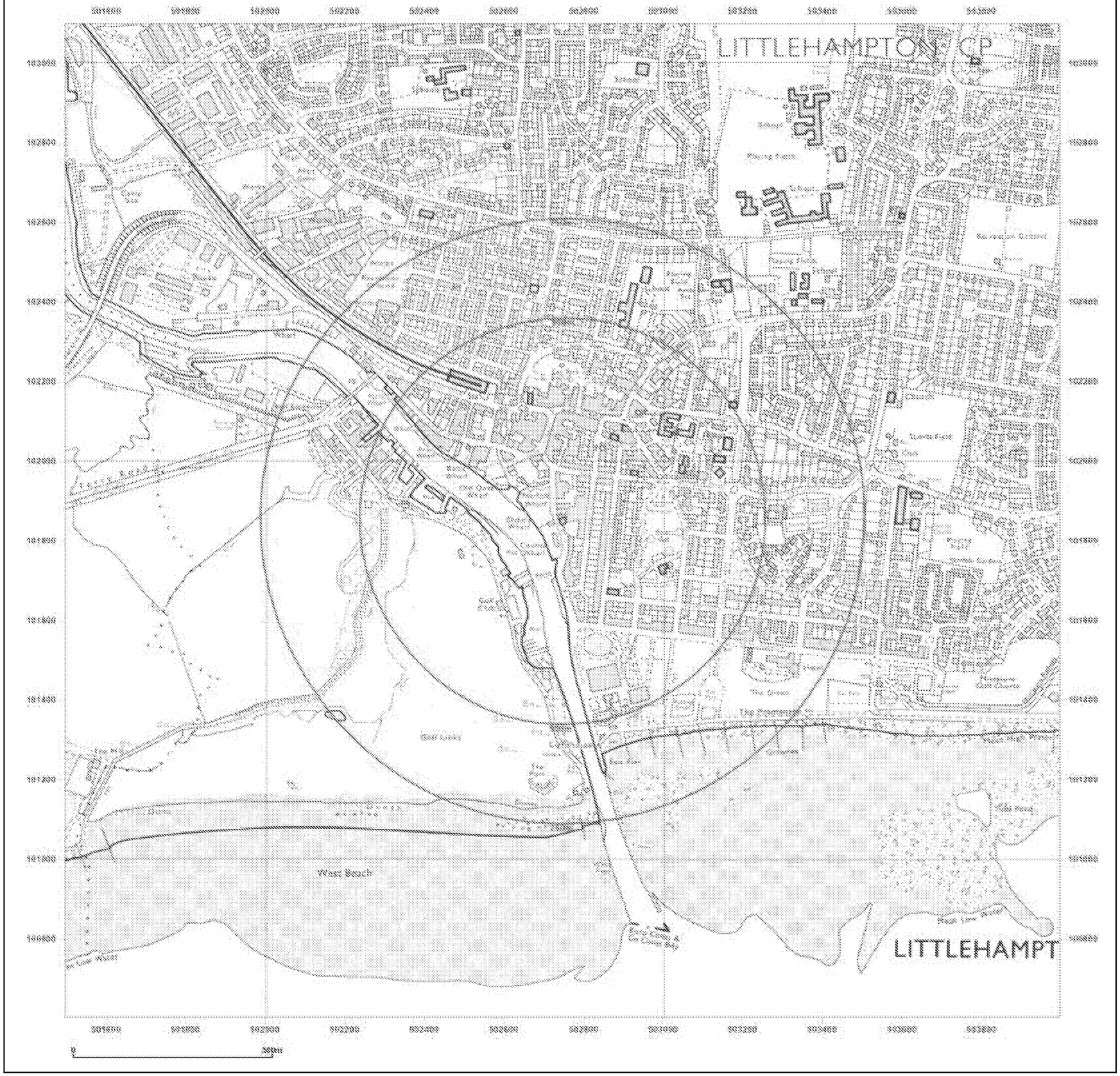
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Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1981**

Scale: 1:10,000

Printed at: 1:10,000

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Surveyed 1961
Revised 1961
Edition N/A
Copyright N/A
Levelled N/A

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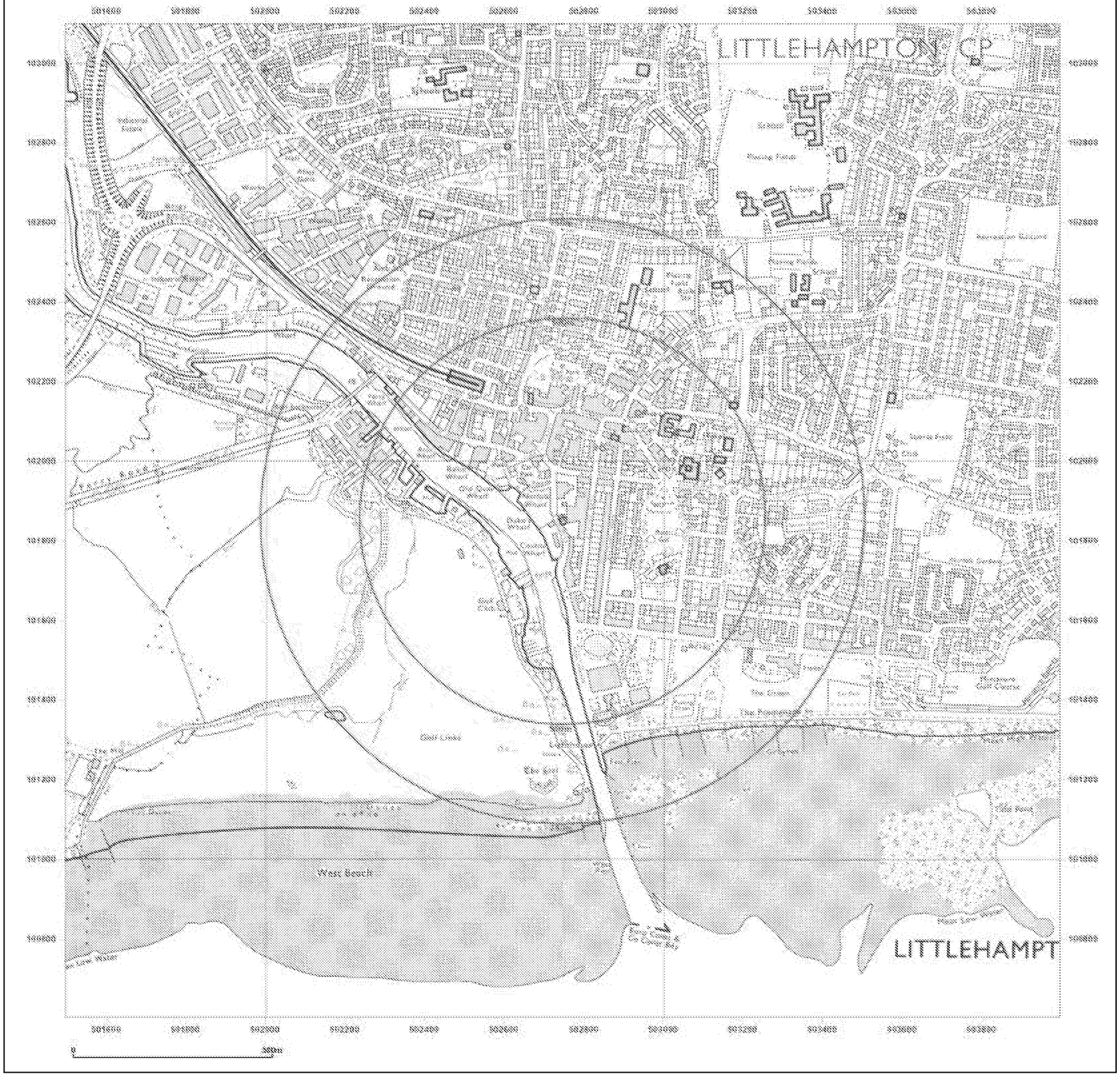
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Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1992**

Scale: 1:10,000

Printed at: 1:10,000

N W E S

Surveyed 1961
Revised 1992
Edition N/A
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ARUN DISTRICT COUNCIL LU/44/21/DOC



Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid
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Scale: 1:10,000
Printed at: 1:10,000

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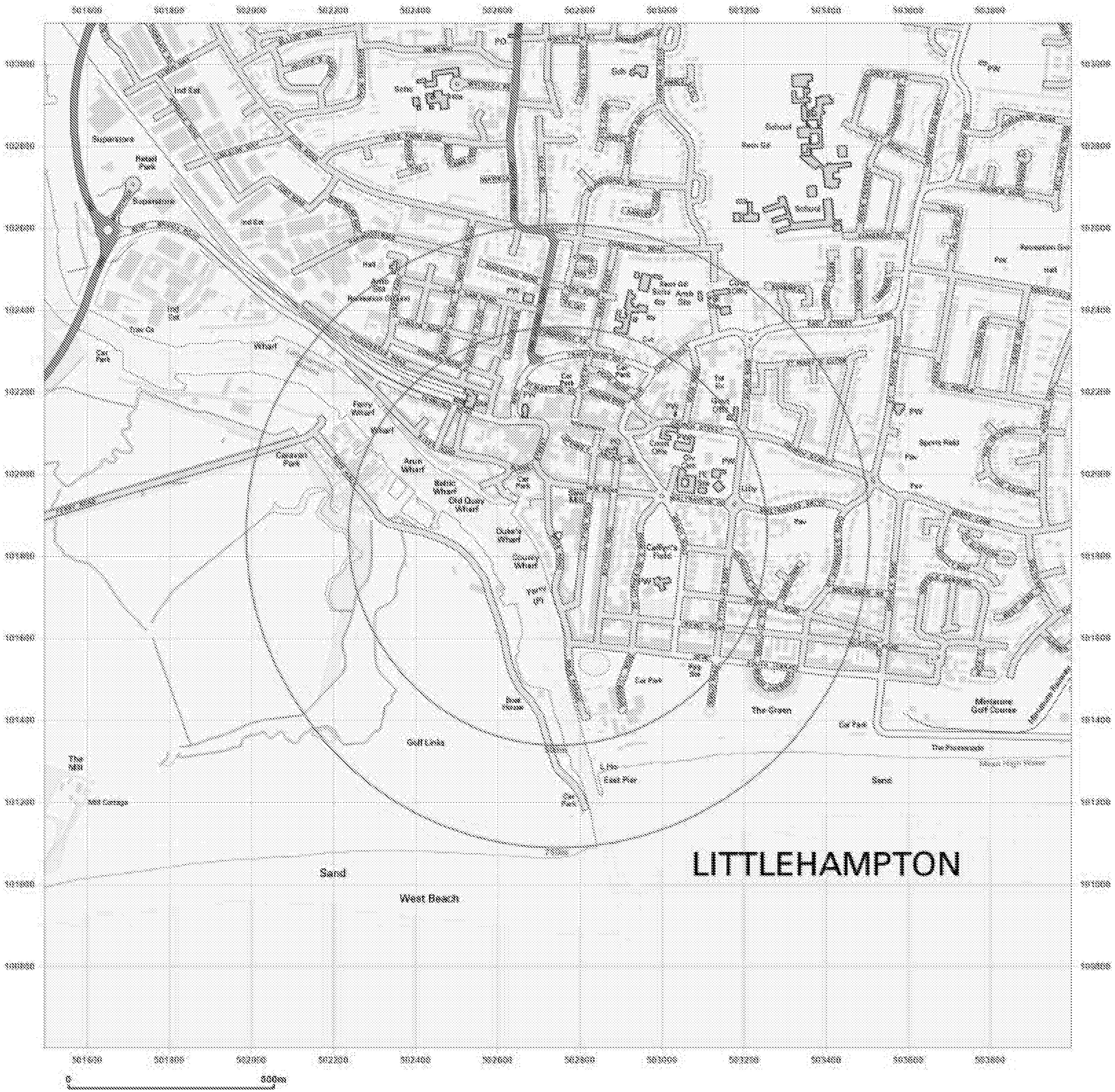
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Production date: 20 January 2021

Map legend available at:
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ARUN DISTRICT COUNCIL LU/44/21/DOC



Groundsure
INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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2010

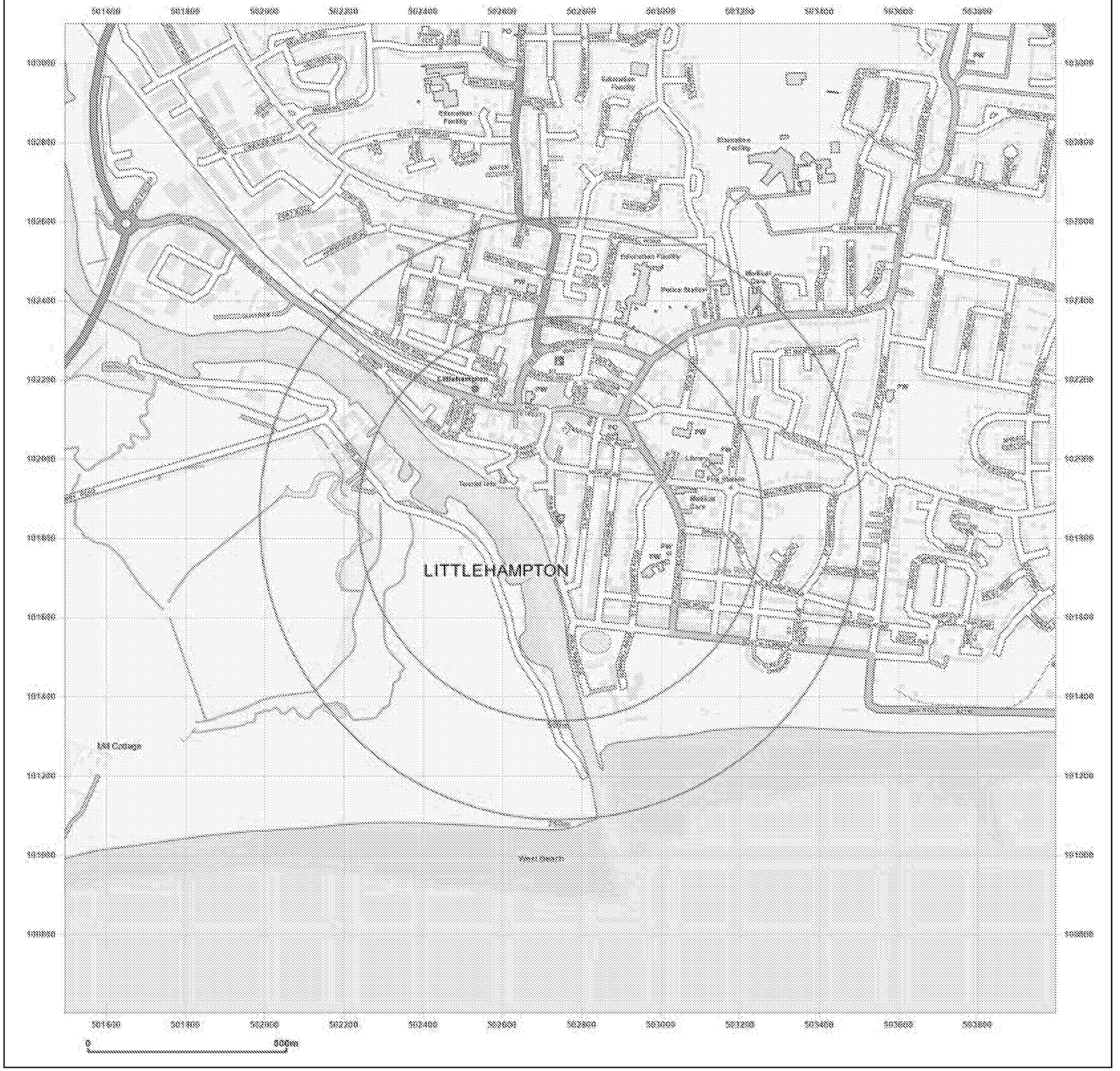
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Production date: 20 January 2021

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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid
Map date: 2021
Scale: 1:10,000
Printed at: 1:10,000

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2021

Powered by OS

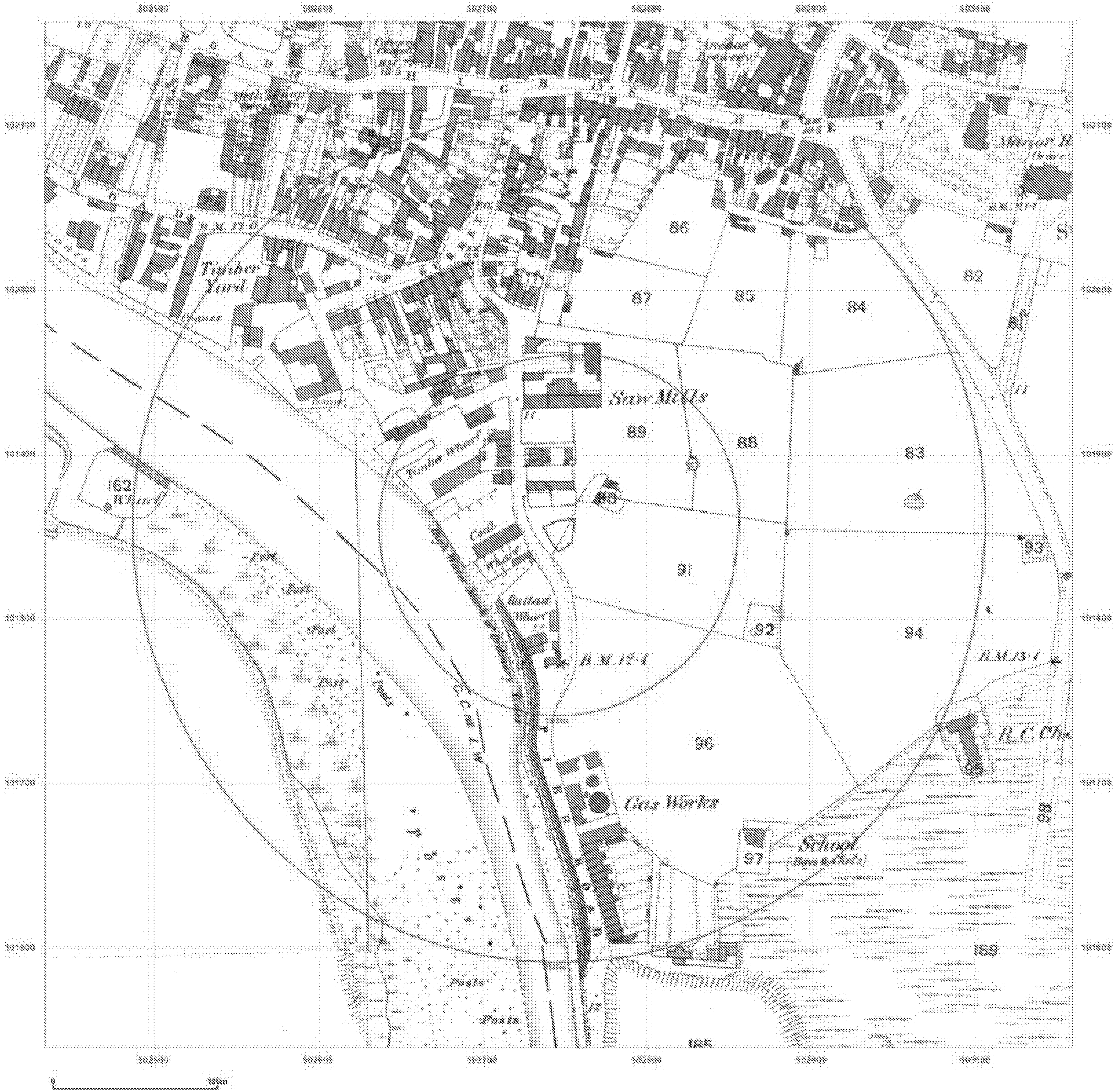
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Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

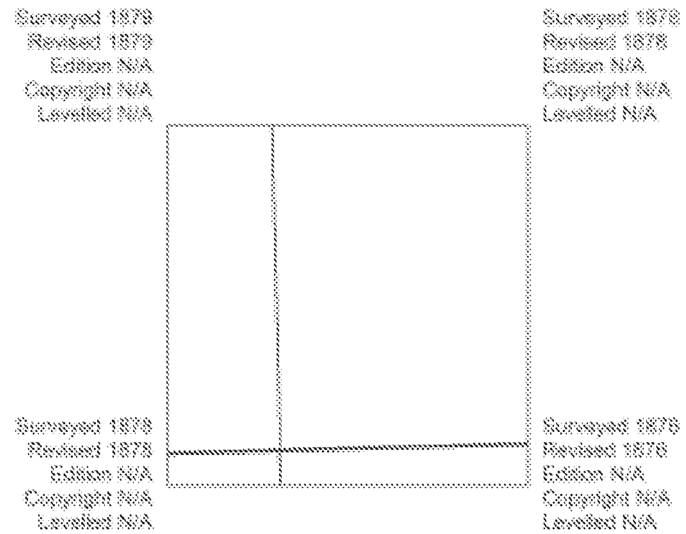
Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1876-1879**

Scale: 1:2,500

Printed at: 1:2,500



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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

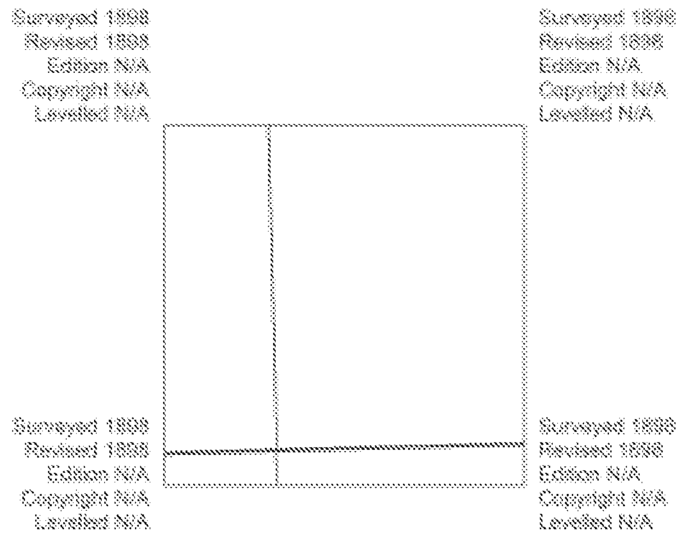
Map Name: County Series

Map date: **1898**

Scale: 1:2,500

Printed at: 1:2,500

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Site Details:

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Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

Map date: **1911-1912**

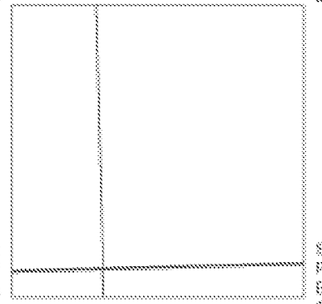
Scale: 1:2,500

Printed at: 1:2,500

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

Surveyed 1912
Revised 1912
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1912
Revised 1912
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1912
Revised 1912
Edition N/A
Copyright N/A
Levelled N/A

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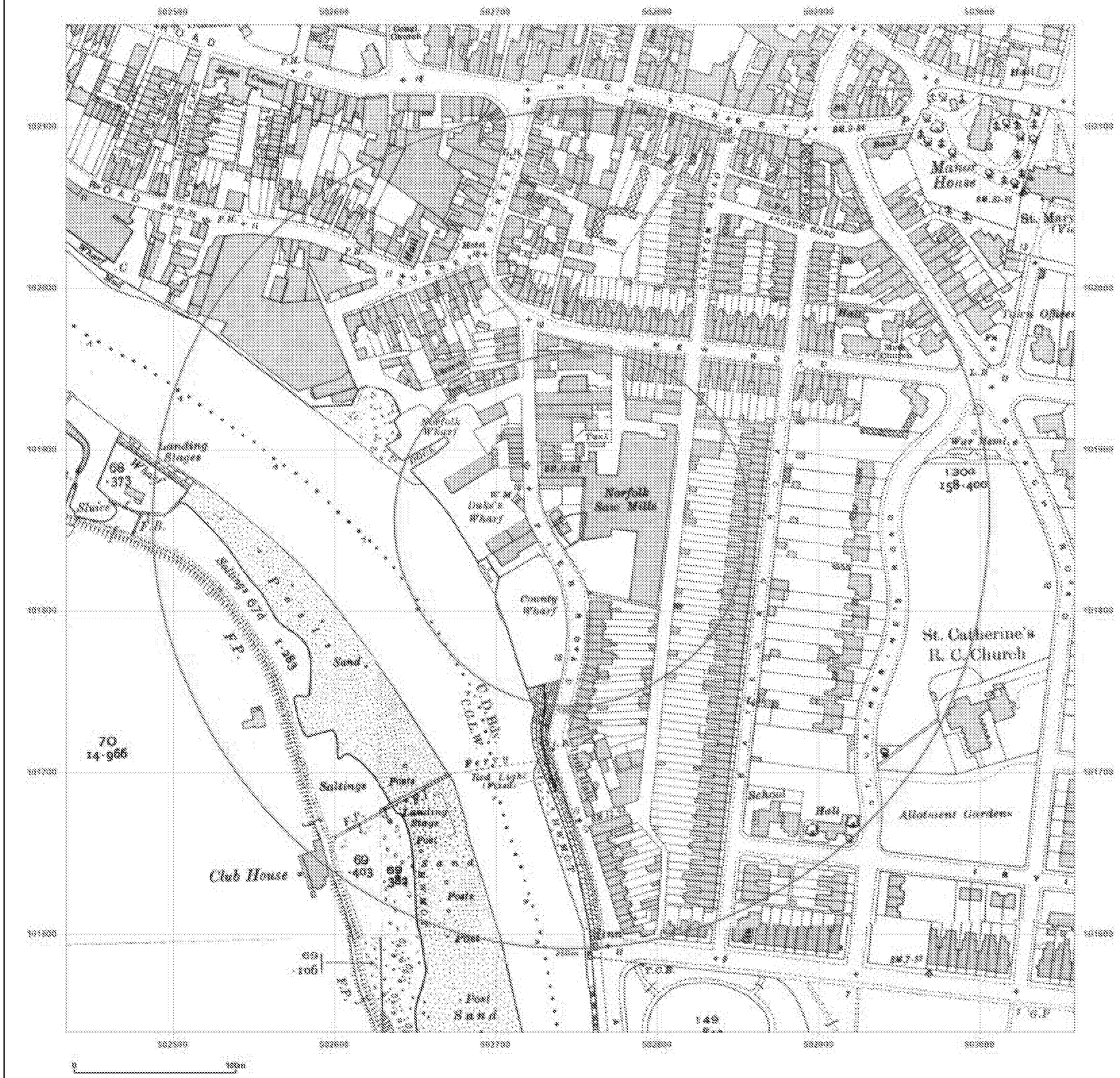
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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: County Series

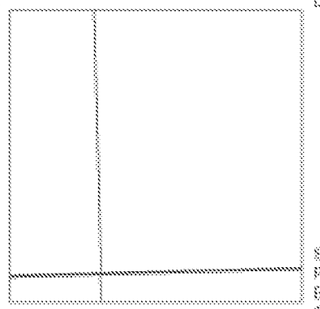
Map date: **1932**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1932
Revised 1932
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1932
Revised 1932
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1932
Revised 1932
Edition N/A
Copyright N/A
Levelled N/A

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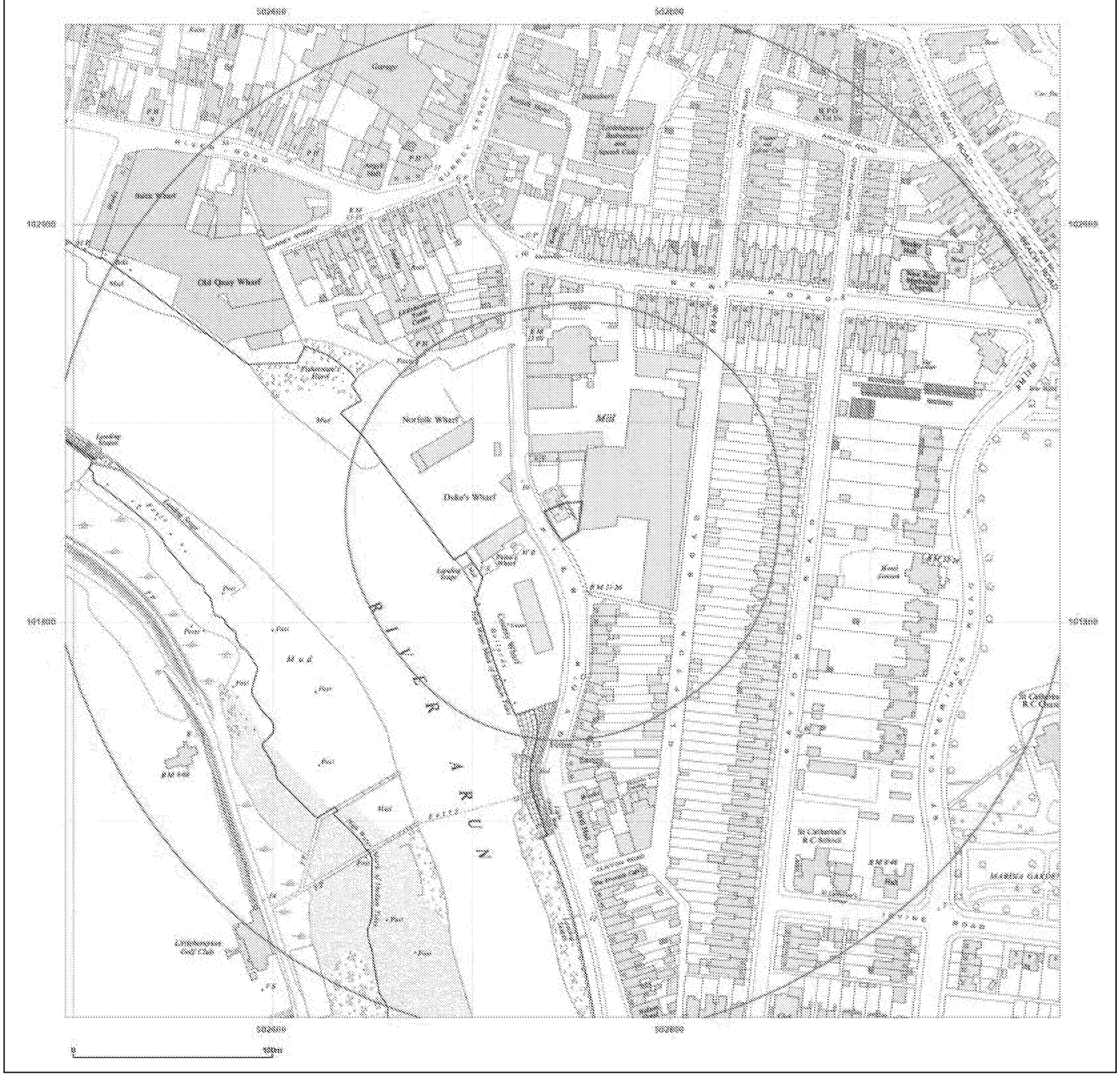
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Production date: 20 January 2021

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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1957**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1957
Revised 1867
Edition N/A
Copyright N/A
Levelled 1950

Surveyed 1957
Revised 1957
Edition N/A
Copyright N/A
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Surveyed 1957
Revised 1867
Edition N/A
Copyright N/A
Levelled 1950

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

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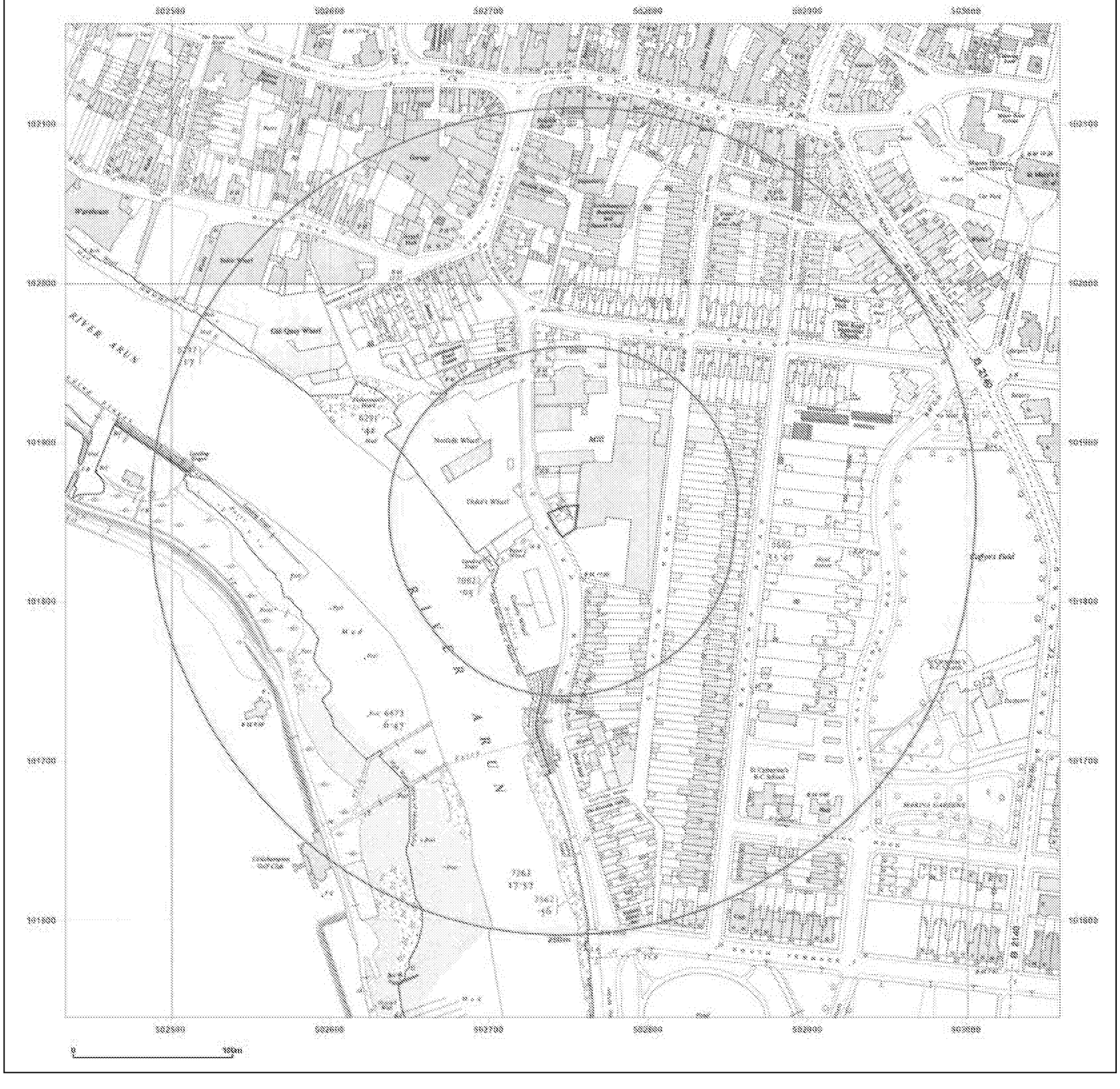
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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1957-1958**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed 1957
Revised 1957
Edition 1959
Copyright N/A
Levelled 1950

Surveyed 1958
Revised 1958
Edition 1959
Copyright 1958
Levelled 1950

Surveyed 1958
Revised 1958
Edition 1959
Copyright 1959
Levelled 1950

Surveyed 1958
Revised 1958
Edition 1959
Copyright 1958
Levelled 1950

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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1968**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1957
Revised 1967
Edition N/A
Copyright 1968
Levelled 1968

Surveyed 1957
Revised 1967
Edition N/A
Copyright 1968
Levelled 1968

Surveyed 1957
Revised 1967
Edition N/A
Copyright 1968
Levelled 1968

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Groundsure INSIGHTS

Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

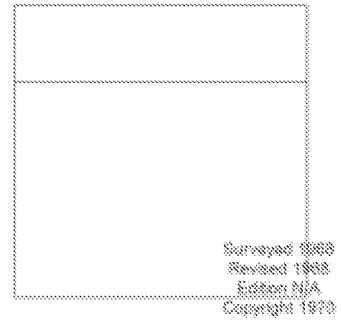
Map Name: National Grid

Map date: **1968**

Scale: 1:2,500

Printed at: 1:2,500

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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1974-1978**

Scale: 1:1,250

Printed at: 1:2,000

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

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

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

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1984**

Scale: 1:1,250

Printed at: 1:2,000

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Surveyed 1966
Revised 1964
Edition N/A
Copyright 1964
Levelled 1966

Surveyed 1966
Revised 1964
Edition N/A
Copyright 1964
Levelled 1966

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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: National Grid

Map date: **1994**

Scale: 1:1,250

Printed at: 1:2,000

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

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

Surveyed 1994
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Edition N/A
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Site Details:

2 CROFT COTTAGES, PIER ROAD, LITTLEHAMPTON, BN17 5LS

Client Ref: YEX1708
Report Ref: GS-7447835
Grid Ref: 502746, 101851

Map Name: LandLine

Map date: **2003**

Scale: 1:1,250

Printed at: 1:1,250

N W E S

2003

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Production date: 20 January 2021

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APPENDIX D: Site Walkover Photographs

Site: 2 Croft Cottages
Client: Bishop and Cammel Properties Ltd
Job Reference: YEX1708, Dated: January 2021

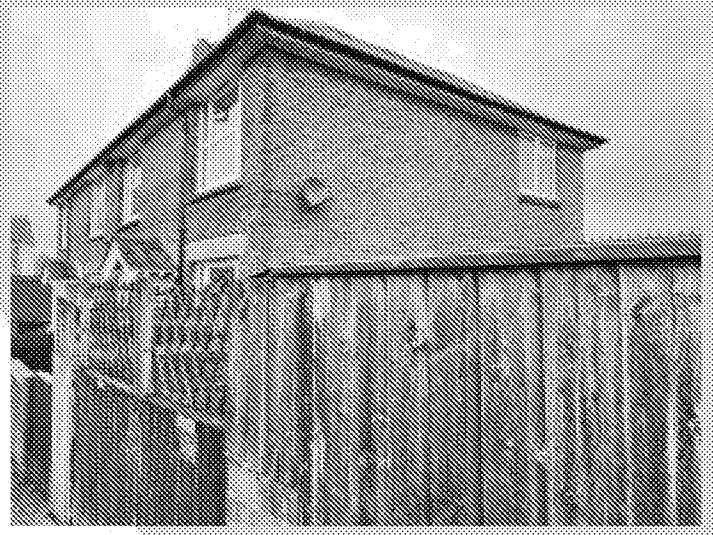
A.



B.



C.



D.



Your Environment

A. Facing east from Pier Road

B. Facing south down pier road from site entrance

C. Existing Property and gated access

D. Southern Boundary from the side of the Builders merchant