

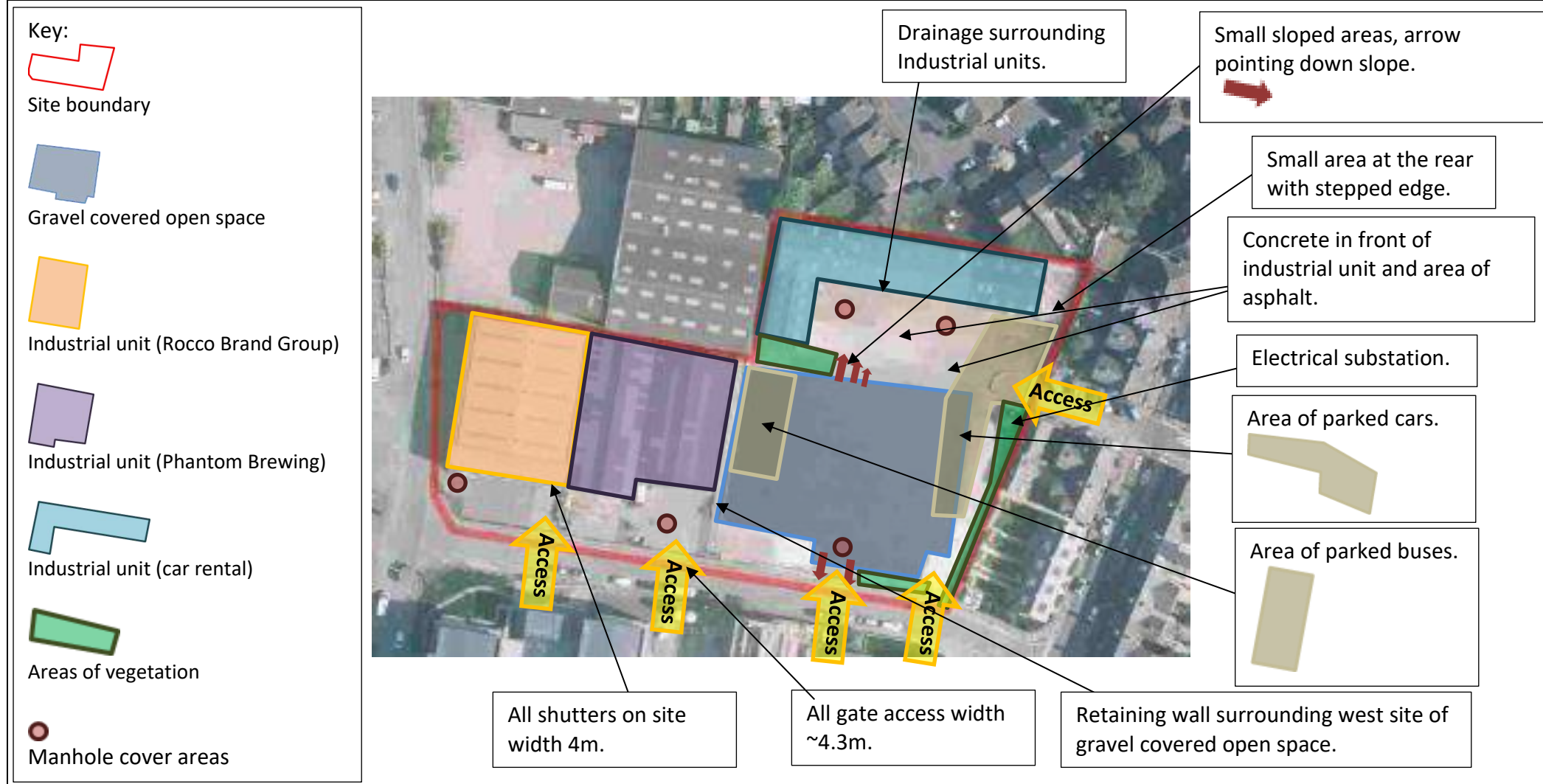
APPENDICES

APPENDIX 1 – FIGURES

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Limited
TITLE	Site Location Plan	PROJECT NO.	P6365J3196
DATE	May 2025	FIGURE NO.	1



PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Constraints Plan	PROJECT NO.	P6365J3196
DATE	May 2025	FIGURE NO.	2



PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 1: Overview of site.		Photo 2: Parked car area to the east of site.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 3: Parked bus area on site.		Photo 4: Electrical substation.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 5: Area of concrete and asphalt in front of car rental industrial unit.		Photo 6: Industrial units surrounded by drainage.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 7: Small patio area with step around in north west corner of site.		Photo 8: Areas of dense vegetation on site.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 9: Meadow Road with access routes.		Photo 10: Area in front of Phantom Brewing industrial unit.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 11: Area in front of central industrial unit.		Photo 12: Area in front of Rocco Brand Group industrial unit.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 13: Shutters on site of width 4m, all shutters seem to be uniform.		Photo 14: Manhole scattered across site.	
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Walkover Photo Plan	FIGURE	3
Photo 15: Overview of industrial units on site.			
			

PROJECT NAME	Meadow Road, Reading, RG1 8LB	CLIENT	CBRE Ltd
TITLE	Proposed Site Plan	PROJECT NO.	P6365J3196
DATE	May 2025	FIGURE NO.	4



APPENDIX 2 – GROUNDSURE REPORT

MEADOW ROAD, READING, RG1 8LB

Order Details

Date: 23/05/2025
Your ref: P6365J3196 - Meadow Road
Our Ref: GS-1TN-URX-YHY-SIS

Site Details

Location: 470962 174200
Area: 0.95 ha
Authority: [Reading Borough Council](#) ↗



Summary of findings

[p. 2 >](#) **Aerial image**

[p. 9 >](#)

OS MasterMap site plan

[p.14 >](#) [Insight User Guide](#) ↗

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
15 >	1.1 >	Historical industrial land uses >	1	8	52	101	-
21 >	1.2 >	Historical tanks >	0	0	14	33	-
23 >	1.3 >	Historical energy features >	4	0	6	26	-
25	1.4	Historical petrol stations	0	0	0	0	-
25 >	1.5 >	Historical garages >	0	0	2	18	-
26	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
27 >	2.1 >	Historical industrial land uses >	1	10	70	133	-
35 >	2.2 >	Historical tanks >	0	0	19	42	-
38 >	2.3 >	Historical energy features >	7	0	13	41	-
40	2.4	Historical petrol stations	0	0	0	0	-
40 >	2.5 >	Historical garages >	0	0	2	24	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
42	3.1	Active or recent landfill	0	0	0	0	-
42	3.2	Historical landfill (BGS records)	0	0	0	0	-
43	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
43 >	3.4 >	Historical landfill (EA/NRW records) >	0	0	1	0	-
43 >	3.5 >	Historical waste sites >	1	0	1	3	-
45 >	3.6 >	Licensed waste sites >	0	0	0	4	-
46 >	3.7 >	Waste exemptions >	0	0	6	62	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
52 >	4.1 >	Recent industrial land uses >	2	5	43	-	-
56 >	4.2 >	Current or recent petrol stations >	0	1	2	0	-
56	4.3	Electricity cables	0	0	0	0	-
56	4.4	Gas pipelines	0	0	0	0	-
56	4.5	Sites determined as Contaminated Land	0	0	0	0	-



57	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
57	4.7	Regulated explosive sites	0	0	0	0	-
57	4.8	Hazardous substance storage/usage	0	0	0	0	-
57	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
57 >	4.10 >	Licensed industrial activities (Part A(1)) >	0	0	0	2	-
58 >	4.11 >	Licensed pollutant release (Part A(2)/B) >	0	0	4	2	-
59	4.12	Radioactive Substance Authorisations	0	0	0	0	-
59 >	4.13 >	Licensed Discharges to controlled waters >	0	0	0	10	-
61	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
61 >	4.15 >	Pollutant release to public sewer >	0	0	0	1	-
61 >	4.16 >	List 1 Dangerous Substances >	0	0	0	4	-
62 >	4.17 >	List 2 Dangerous Substances >	0	0	0	1	-
62 >	4.18 >	Pollution Incidents (EA/NRW) >	0	0	1	10	-
63	4.19	Pollution inventory substances	0	0	0	0	-
64	4.20	Pollution inventory waste transfers	0	0	0	0	-
64	4.21	Pollution inventory radioactive waste	0	0	0	0	-
Page	Section	Hydrogeology >	On site	0-50m	50-250m	250-500m	500-2000m
65 >	5.1 >	Superficial aquifer >	Identified (within 500m)				
67 >	5.2 >	Bedrock aquifer >	Identified (within 500m)				
68 >	5.3 >	Groundwater vulnerability >	Identified (within 50m)				
69 >	5.4 >	Groundwater vulnerability- soluble rock risk >	Identified (within 0m)				
69	5.5	Groundwater vulnerability- local information	None (within 0m)				
71 >	5.6 >	Groundwater abstractions >	0	0	4	3	12
76 >	5.7 >	Surface water abstractions >	0	0	0	3	3
77 >	5.8 >	Potable abstractions >	0	0	2	0	3
79	5.9	Source Protection Zones	0	0	0	0	-
79	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology >	On site	0-50m	50-250m	250-500m	500-2000m
80 >	6.1 >	Water Network (OS MasterMap) >	0	0	3	-	-



81 >	6.2 >	Surface water features >	0	0	1	-	-
81 >	6.3 >	WFD Surface water body catchments >	1	-	-	-	-
82 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
82 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-
Page	Section	River and coastal flooding >	On site	0-50m	50-250m	250-500m	500-2000m
83 >	7.1 >	Risk of flooding from rivers and the sea >	Low (within 50m)				
84 >	7.2 >	Historical Flood Events >	1	0	3	-	-
84	7.3	Flood Defences	0	0	0	-	-
85	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
85	7.5	Flood Storage Areas	0	0	0	-	-
86 >	7.6 >	Flood Zone 2 >	Identified (within 50m)				
87	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding >					
88 >	8.1 >	Surface water flooding >	1 in 30 year, 0.3m - 1.0m (within 50m)				
Page	Section	Groundwater flooding >					
90 >	9.1 >	Groundwater flooding >	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
91	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
91	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
91	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
91	10.4	Special Protection Areas (SPA)	0	0	0	0	0
92	10.5	National Nature Reserves (NNR)	0	0	0	0	0
92	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
92	10.7	Designated Ancient Woodland	0	0	0	0	0
92	10.8	Biosphere Reserves	0	0	0	0	0
93	10.9	Forest Parks	0	0	0	0	0
93	10.10	Marine Conservation Zones	0	0	0	0	0
93	10.11	Green Belt	0	0	0	0	0
93	10.12	Proposed Ramsar sites	0	0	0	0	0



93	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
94	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
94	10.15	Nitrate Sensitive Areas	0	0	0	0	0
94 >	10.16 >	Nitrate Vulnerable Zones >	1	0	0	0	1
95 >	10.17 >	SSSI Impact Risk Zones >	1	-	-	-	-
96	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
97	11.1	World Heritage Sites	0	0	0	-	-
97	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
97	11.3	National Parks	0	0	0	-	-
97	11.4	Listed Buildings	0	0	0	-	-
98	11.5	Conservation Areas	0	0	0	-	-
98	11.6	Scheduled Ancient Monuments	0	0	0	-	-
98	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
99 >	12.1 >	Agricultural Land Classification >	Urban (within 250m)				
100	12.2	Open Access Land	0	0	0	-	-
100	12.3	Tree Felling Licences	0	0	0	-	-
100	12.4	Environmental Stewardship Schemes	0	0	0	-	-
100	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
101	13.1	Priority Habitat Inventory	0	0	0	-	-
101	13.2	Habitat Networks	0	0	0	-	-
101	13.3	Open Mosaic Habitat	0	0	0	-	-
101	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
102 >	14.1 >	10k Availability >	Identified (within 500m)				
103 >	14.2 >	Artificial and made ground (10k) >	0	0	2	5	-
105 >	14.3 >	Superficial geology (10k) >	1	0	1	3	-



106	14.4	Landslip (10k)	0	0	0	0	-
107 >	14.5 >	Bedrock geology (10k) >	1	0	0	0	-
108	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
109 >	15.1 >	50k Availability >	Identified (within 500m)				
110	15.2	Artificial and made ground (50k)	0	0	0	0	-
110	15.3	Artificial ground permeability (50k)	0	0	-	-	-
111 >	15.4 >	Superficial geology (50k) >	1	0	1	3	-
112 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
112	15.6	Landslip (50k)	0	0	0	0	-
112	15.7	Landslip permeability (50k)	None (within 50m)				
113 >	15.8 >	Bedrock geology (50k) >	1	0	0	0	-
114 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
114	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
115 >	16.1 >	BGS Boreholes >	1	1	26	-	-
Page	Section	Natural ground subsidence >					
118 >	17.1 >	Shrink swell clays >	Very low (within 50m)				
119 >	17.2 >	Running sands >	Negligible (within 50m)				
120 >	17.3 >	Compressible deposits >	Negligible (within 50m)				
121 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
122 >	17.5 >	Landslides >	Very low (within 50m)				
123 >	17.6 >	Ground dissolution of soluble rocks >	Very low (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
125	18.1	BritPits	0	0	0	0	-
126 >	18.2 >	Surface ground workings >	0	0	6	-	-
126	18.3	Underground workings	0	0	0	0	0
126	18.4	Underground mining extents	0	0	0	0	-
127	18.5	Historical Mineral Planning Areas	0	0	0	0	-



127 >	18.6 >	Non-coal mining >	0	0	0	1	5
128 >	18.7 >	JPB mining areas >	Identified (within 0m)				
128	18.8	The Coal Authority non-coal mining	0	0	0	0	-
128	18.9	Researched mining	0	0	0	0	-
129	18.10	Mining record office plans	0	0	0	0	-
129	18.11	BGS mine plans	0	0	0	0	-
129	18.12	Coal mining	None (within 0m)				
129	18.13	Brine areas	None (within 0m)				
129	18.14	Gypsum areas	None (within 0m)				
130	18.15	Tin mining	None (within 0m)				
130	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
131	19.1	Natural cavities	0	0	0	0	-
131	19.2	Mining cavities	0	0	0	0	0
131	19.3	Reported recent incidents	0	0	0	0	-
131	19.4	Historical incidents	0	0	0	0	-
Page	Section	Radon >					
133 >	20.1 >	Radon >	Less than 1% (within 0m)				
Page	Section	Soil chemistry >	On site	0-50m	50-250m	250-500m	500-2000m
135 >	21.1 >	BGS Estimated Background Soil Chemistry >	2	0	-	-	-
135	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
135	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects >	On site	0-50m	50-250m	250-500m	500-2000m
136	22.1	Underground railways (London)	0	0	0	-	-
136	22.2	Underground railways (Non-London)	0	0	0	-	-
137	22.3	Railway tunnels	0	0	0	-	-
137 >	22.4 >	Historical railway and tunnel features >	0	0	47	-	-
139	22.5	Royal Mail tunnels	0	0	0	-	-
139	22.6	Historical railways	0	0	0	-	-



139 >	22.7 >	Railways >	0	0	58	-	-
142	22.8	Crossrail 2	0	0	0	0	-
142	22.9	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 30/04/2022

Site Area: 0.95ha



Recent site history - 2019 aerial photograph



Capture Date: 29/06/2019

Site Area: 0.95ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 23 May 2025

Recent site history - 2013 aerial photograph



Capture Date: 08/07/2013

Site Area: 0.95ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 23 May 2025

Recent site history - 2010 aerial photograph



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Capture Date: 22/09/2010

Site Area: 0.95ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 23 May 2025

Recent site history - 1999 aerial photograph



Capture Date: 04/09/1999

Site Area: 0.95ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 23 May 2025

OS MasterMap site plan



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Site Area: 0.95ha



Contact us with any questions at:

info@groundsure.com

01273 257 755

Date: 23 May 2025

14

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

162

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

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
A	On site	Unspecified Works	1962	1931801



ID	Location	Land use	Dates present	Group ID
A	6m NE	Unspecified Commercial/Industrial	1989	1882812
A	6m NE	Unspecified Works	1979	1921715
A	6m NE	Unspecified Works	1973	1932572
C	8m SW	Printing Works	1910	1937085
C	10m SE	Printing Works	1938	1985526
C	12m SW	Unspecified Works	1989 - 1994	1941976
C	12m SW	Unspecified Works	1979	1946843
C	12m SW	Unspecified Works	1962 - 1973	1962403
2	90m N	Unspecified Depot	1979	1886775
E	124m W	Unspecified Depot	1979	1992958
E	124m W	Unspecified Depots	1989	1897286
E	126m W	Unspecified Depot	1973	1958241
G	145m S	Unspecified Ground Workings	1938	1928214
G	145m S	Unspecified Ground Workings	1910 - 1913	1979995
G	147m S	Railway Building	1933	1910060
H	148m SE	Unspecified Works	1962	1890849
H	148m SE	Unspecified Commercial/Industrial	1973	1940484
H	148m SE	Unspecified Commercial/Industrial	1979	1981288
H	148m SE	Unspecified Commercial/Industrial	1989 - 1994	1981953
G	152m S	Railway Buildings	1989 - 1994	1955024
G	154m S	Railway Buildings	1979	1925879
E	156m W	Unspecified Depot	1979	1922488
J	156m SW	Railway Sidings	1901	1937334
K	161m S	Railway Sidings	1932 - 1979	1985279
4	162m S	Railway Sidings	1989 - 1994	1950624
L	164m S	Railway Sidings	1897 - 1913	1977747
G	170m SW	Railway Building	1989 - 1994	1921952
G	170m SW	Railway Building	1979	1999556



ID	Location	Land use	Dates present	Group ID
G	170m SW	Railway Building	1962 - 1973	1988921
G	171m S	Railway Buildings	1933	1926752
G	175m S	Railway Buildings	1938 - 1962	1979107
5	175m NE	Timber Yard	1878	1890125
G	176m S	Railway Buildings	1913	1940012
G	176m S	Railway Buildings	1938	1952074
G	182m S	Railway Buildings	1898	1942076
L	182m SE	Timber Yard	1913	1890126
6	186m SE	Malthouses	1878	1889160
N	188m SW	Railway Buildings	1989 - 1994	1966984
N	188m SW	Railway Buildings	1979	1994152
N	189m SW	Railway Buildings	1962 - 1973	1951525
E	198m W	Unspecified Depot	1994	1919992
O	209m NE	Unspecified Works	1973	1937076
O	209m NE	Unspecified Works	1979	1950453
L	211m S	Railway Building	1898	1910362
O	214m NE	Unspecified Shed	1878	1885238
L	223m S	Railway Sidings	1933	1989564
G	224m S	Railway Building	1913	1910361
Q	237m N	Unspecified Ground Workings	1938	1955859
Q	237m N	Unspecified Ground Workings	1910	1972947
G	240m S	Railway Building	1898	1910360
K	241m S	Railway Building	1898	1910359
L	243m S	Railway Building	1938	1937124
L	243m S	Railway Building	1913	1995472
L	243m S	Railway Building	1938	1920803
L	245m S	Railway Building	1913	1910052
L	245m S	Railway Building	1938	1918457



ID	Location	Land use	Dates present	Group ID
L	245m S	Railway Building	1913	1926784
7	245m SW	Railway Building	1898	1910358
R	247m SW	Railway Building	1933 - 1938	1950369
R	247m SW	Railway Building	1938 - 1962	1990539
T	255m S	Corporation Yard	1989 - 1994	1929483
T	264m S	Corporation Yard	1933 - 1938	1994537
U	268m SW	Engine Shed	1933	1936773
P	268m SE	Fire Station	1962 - 1973	1928488
P	268m SE	Fire Station	1989 - 1994	1940833
P	268m SE	Fire Station	1979	1998524
T	268m S	Corporation Yard	1962	1985119
U	269m SW	Engine Shed	1938	1938463
T	270m S	Corporation Yard	1913	1928930
T	270m S	Corporation Yard	1938	1989605
U	272m SW	Engine Shed	1962	1957479
U	273m SW	Engine Shed	1938	1923828
U	275m SW	Engine Shed	1913	1962253
U	275m SW	Engine Shed	1898	1967825
8	279m N	Boat House	1979	1894564
9	283m NE	Boat House	1910	1894559
W	294m SE	Unspecified Works	1933 - 1938	1952114
W	294m E	Unspecified Works	1962 - 1973	1934640
W	294m E	Unspecified Works	1979	1980970
W	295m SE	Railway Works	1898	1929251
W	296m SE	Railway Works	1938	1958159
W	296m SE	Railway Works	1913	1988924
Y	297m E	Railway Sidings	1938	1929335
Y	297m E	Railway Sidings	1910	1978966



ID	Location	Land use	Dates present	Group ID
X	297m E	Coal Depot	1910	1887777
U	301m SW	Railway Building	1898	1997164
O	302m NE	Unspecified Wharf	1878	1887095
X	304m E	Coal Depot	1938	1887776
AA	304m E	Sawmill	1938	1914433
AA	304m E	Sawmill	1910	1997755
AB	311m E	Smithy	1897	1907114
AB	314m E	Smithy	1900	1907115
Z	317m SE	Railway Building	1898	1910053
Z	319m SE	Railway Building	1913	1910363
AA	320m E	Unspecified Warehouses	1979	1890103
U	322m SW	Railway Building	1913	1927630
U	331m SW	Railway Building	1898	1982549
U	331m SW	Railway Building	1938 - 1962	1916783
AC	333m E	Boat House	1910	1916975
AC	333m E	Boat House	1938	1942141
U	340m SW	Railway Building	1938	1949345
U	341m SW	Railway Building	1913	1929509
U	342m SW	Railway Building	1938 - 1962	1944580
U	343m SW	Railway Building	1933 - 1962	1960223
U	344m SW	Railway Building	1913	1923744
U	351m SW	Railway Building	1962	1910062
U	353m SW	Railway Building	1938 - 1962	1948483
AE	353m W	Railway Building	1979	1960550
AE	353m W	Railway Building	1989 - 1994	1995973
U	354m SW	Railway Building	1979	1985630
U	354m SW	Railway Building	1913	1936038
AF	356m W	Railway Sidings	1897	1944578



ID	Location	Land use	Dates present	Group ID
AF	356m W	Railway Sidings	1900 - 1910	1949400
AE	357m W	Railway Building	1962 - 1973	1917678
U	376m SW	Railway Building	1962	1947172
11	376m N	Boat House	1989 - 1994	1932535
U	377m SW	Railway Building	1913	1920614
AH	384m NE	Boat House	1878	1894562
AI	385m S	Unspecified Works	1979	1891101
AI	385m S	Unspecified Commercial/Industrial	1989 - 1994	1921091
AJ	386m SE	Railway Station	1933	1965662
AH	386m NE	Boat House	1910	1960202
AH	386m NE	Boat House	1938	1984805
U	387m SW	Refuse Heap	1913	1888629
AF	387m W	Railway Sidings	1878	1913258
U	401m SW	Railway Building	1938 - 1962	1948891
U	402m SW	Railway Building	1933 - 1938	1990119
U	402m SW	Railway Building	1973	1913720
U	402m SW	Railway Building	1979	1938506
U	403m SW	Railway Building	1913	1960708
AK	404m E	Electric Works	1910	1994688
AL	405m NE	Boat House	1900	1894560
U	409m SW	Railway Building	1989 - 1994	1960345
AL	409m NE	Boat House	1897	1894563
AL	412m NE	Boat House	1910	1986034
AL	412m NE	Boat House	1938	1989317
16	415m W	Unspecified Works	1962	1891244
AN	423m E	Unspecified Works	1979	1917509
AN	423m E	Unspecified Works	1973	1942756
AJ	425m SE	Railway Station	1898 - 1994	1987946



ID	Location	Land use	Dates present	Group ID
AJ	431m SE	Railway Station	1913	1923169
AJ	431m SE	Railway Station	1938	1995285
AJ	431m SE	Railway Station	1973 - 1979	1917814
AJ	431m SE	Railway Station	1962	1981193
AJ	431m SE	Railway Station	1989	1953060
AO	431m SE	Railway Building	1979	1943185
AO	431m SE	Railway Building	1973	1977336
AO	431m SE	Railway Building	1989 - 1994	1997141
AJ	431m SE	Railway Station	1938	1990806
AR	449m SE	Railway Building	1989 - 1994	1953436
AR	449m SE	Railway Building	1979	1974312
AK	455m E	Unspecified Depot	1989 - 1994	1928809
AT	458m SW	Unspecified Depot	1989 - 1994	1959444
AT	459m SW	Unspecified Depot	1979	1922471
AT	459m SW	Unspecified Depot	1973	1988287
AU	460m NE	Unspecified Manufactory	1878	1889517
AW	481m SE	Bus Station	1994	1912184
AX	484m E	Boat Houses	1989 - 1994	1947840
AX	484m E	Boat Houses	1979	1949001
AK	485m E	Electric Works	1897 - 1900	1995262
AK	488m E	Railway Sidings	1901	1950627

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

47

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 ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.



Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
D	69m W	Unspecified Tank	1970 - 1988	343097
D	86m W	Tanks	1970	317076
D	87m W	Tanks	1988	317075
C	93m S	Unspecified Tank	1970	321257
D	96m W	Unspecified Tank	1970 - 1988	328976
D	122m W	Unspecified Tank	1970	332100
D	124m W	Unspecified Tank	1988	341940
3	130m NW	Unspecified Tank	1970 - 1988	343791
F	141m W	Tanks	1988	317074
F	144m W	Unspecified Tank	1970	321258
M	184m NW	Unspecified Tank	1988	321253
M	206m NW	Unspecified Tank	1970 - 1988	341937
L	208m S	Tank or Trough	1879	319429
M	221m NW	Unspecified Tank	1970 - 1988	327979
S	253m W	Unspecified Tank	1970 - 1988	330448
L	266m S	Unspecified Tank	1986 - 1993	330021
L	267m S	Tanks	1986 - 1993	344124
V	293m W	Unspecified Tank	1970 - 1988	336095
T	311m SW	Tank or Trough	1879	319431
U	316m SW	Unspecified Tank	1961	340723
U	316m SW	Unspecified Tank	1959	331789
AD	346m SE	Tank or Trough	1879	333559
AD	346m SE	Tank or Trough	1879	329516
AD	349m SE	Tank or Trough	1879	319701
10	362m SW	Tank or Trough	1879	319430
U	364m SW	Unspecified Tank	1912 - 1961	336294
U	365m SW	Tanks	1971 - 1986	335718



ID	Location	Land use	Dates present	Group ID
AG	368m W	Unspecified Tank	1970 - 1988	330487
U	371m SW	Tanks	1961	335979
U	372m SW	Tanks	1959	333608
U	373m SW	Tanks	1959	342342
U	373m SW	Unspecified Tank	1993	321246
U	373m SW	Tanks	1986	328200
U	378m SW	Unspecified Tank	1900	321263
AG	388m W	Unspecified Tank	1988	335853
AG	389m W	Unspecified Tank	1970	340223
14	399m SE	Tank or Trough	1879	319702
AG	400m W	Unspecified Tank	1972	321254
AG	405m W	Unspecified Tank	1972	321255
J	445m W	Unspecified Tank	1972	321256
AP	447m SE	Tank or Trough	1879	330555
AP	447m SE	Tank or Trough	1879	330621
AP	449m SE	Tank or Trough	1879	343891
AP	449m SE	Tank or Trough	1879	331864
U	457m SW	Unspecified Tank	1993	321245
AQ	460m S	Pump and Tank	1880	341401
AQ	460m S	Pump and Tank	1880	343398

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m

36

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 ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)



ID	Location	Land use	Dates present	Group ID
1	On site	Electricity Substation	1970 - 1988	216803
B	On site	Electricity Substation	1971	216777
B	On site	Electricity Substation	1982 - 1993	224673
B	On site	Electricity Substation	1984	227231
C	100m S	Electricity Substation	1970 - 1988	221552
I	151m NE	Electricity Substation	1984	222600
I	158m NE	Electricity Substation	1971 - 1993	213312
M	175m NW	Electricity Substation	1970 - 1988	230744
M	206m NW	Electricity Substation	1970 - 1988	230250
E	237m W	Electricity Substation	1970 - 1988	220302
S	252m W	Electricity Substation	1988	207375
V	278m W	Gas Governor	1970	219726
V	279m W	Gas Governor	1988	222961
X	296m E	Electricity Substation	1984	209563
X	300m E	Electricity Substation	1993	209564
X	301m SE	Electricity Substation	1982	225390
X	301m SE	Electricity Substation	1971	212822
X	301m SE	Electricity Substation	1984	223781
AA	326m E	Electricity Substation	1982 - 1993	224925
AA	327m E	Electricity Substation	1971	218447
AA	327m E	Electricity Substation	1984	233609
AA	355m E	Electricity Substation	1956 - 1957	211440
12	380m SE	Electricity Substation	1988 - 1996	224198
13	392m W	Electricity Substation	1972	207369
15	409m NW	Electricity Substation	1988 - 1993	234347
AS	450m S	Electricity Substation	1986 - 1993	225415
W	472m SE	Electricity Substation	1993 - 1996	215815
AP	474m SE	Electricity Substation	1993 - 1996	222715



ID	Location	Land use	Dates present	Group ID
AV	474m E	Electricity Substation	1984	217940
AV	474m E	Electricity Substation	1982	233909
AV	474m E	Electricity Substation	1984 - 1993	222229
AV	474m E	Electricity Substation	1971 - 1972	233037
AK	478m E	Electricity Depot	1972	211040
AV	478m E	Electricity Substation	1989	215644
AS	482m S	Electricity Substation	1971	207373
17	484m SW	Electricity Substation	1988 - 1993	218029

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 ungrouped 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

20

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 ungrouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on [page 15 >](#)

ID	Location	Land use	Dates present	Group ID
P	235m SE	Garage	1988	69605
P	235m SE	Garage	1986	69989
V	273m W	Garage	1959	69031



ID	Location	Land use	Dates present	Group ID
V	273m W	Garage	1970	69584
V	279m W	Garage	1961	71361
Z	304m SE	Garage	1969	67429
AM	407m S	Garage	1957	70279
AM	407m S	Garage	1962 - 1969	71393
AM	407m S	Garage	1958 - 1961	71134
AQ	448m S	Garage	1994 - 1996	70262
AQ	450m S	Garage	1988 - 1993	72437
AQ	450m S	Garage	1986	67852
AU	463m NE	Garage	1956	70132
AU	463m NE	Garage	1971	72434
AU	464m NE	Garage	1982	70637
AU	464m NE	Garage	1986	69489
AU	464m NE	Garage	1957 - 1961	70619
AW	474m SE	Garage	1958 - 1961	69998
AW	474m SE	Garage	1957	68395
18	500m S	Garage	1962	69880

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

0

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

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



2 Past land use - un-grouped



- Site Outline
- Search buffers in metres (m)
- Historical industrial land uses
- Historical tanks
- Historical energy features
- Historical garages

2.1 Historical industrial land uses

Records within 500m

214

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 27](#) >

ID	Location	Land Use	Date	Group ID
A	On site	Unspecified Works	1962	1931801
A	6m NE	Unspecified Commercial/Industrial	1989	1882812
A	6m NE	Unspecified Works	1979	1921715



ID	Location	Land Use	Date	Group ID
A	6m NE	Unspecified Works	1973	1932572
D	8m SW	Printing Works	1910	1937085
D	10m SE	Printing Works	1938	1985526
D	12m SW	Unspecified Works	1994	1941976
D	12m SW	Unspecified Works	1989	1941976
D	12m SW	Unspecified Works	1979	1946843
D	12m SW	Unspecified Works	1962	1962403
D	12m SW	Unspecified Works	1973	1962403
1	90m N	Unspecified Depot	1979	1886775
F	124m W	Unspecified Depot	1979	1992958
F	124m W	Unspecified Depots	1989	1897286
F	126m W	Unspecified Depot	1973	1958241
I	145m S	Unspecified Ground Workings	1938	1928214
I	145m S	Unspecified Ground Workings	1913	1979995
I	147m S	Railway Building	1933	1910060
J	148m SE	Unspecified Commercial/Industrial	1994	1981953
J	148m SE	Unspecified Commercial/Industrial	1989	1981953
J	148m SE	Unspecified Commercial/Industrial	1979	1981288
J	148m SE	Unspecified Works	1962	1890849
J	148m SE	Unspecified Commercial/Industrial	1973	1940484
I	152m S	Railway Buildings	1994	1955024
I	152m S	Railway Buildings	1989	1955024
I	154m S	Railway Buildings	1979	1925879
F	156m W	Unspecified Depot	1979	1922488
L	156m SW	Railway Sidings	1901	1937334
M	161m S	Railway Sidings	1933	1985279
N	162m S	Railway Sidings	1994	1950624
N	162m S	Railway Sidings	1989	1950624



ID	Location	Land Use	Date	Group ID
O	164m S	Railway Sidings	1938	1985279
O	164m S	Railway Sidings	1913	1977747
O	165m S	Railway Sidings	1962	1985279
P	165m S	Railway Sidings	1979	1985279
P	165m S	Railway Sidings	1973	1985279
O	166m S	Railway Sidings	1938	1985279
Q	170m SW	Railway Building	1994	1921952
Q	170m SW	Railway Building	1989	1921952
Q	170m SW	Railway Building	1979	1999556
Q	170m SW	Railway Building	1962	1988921
Q	170m SW	Railway Building	1973	1988921
I	171m S	Railway Buildings	1933	1926752
I	175m S	Railway Buildings	1938	1979107
2	175m NE	Timber Yard	1878	1890125
I	176m S	Railway Buildings	1913	1940012
I	176m S	Railway Buildings	1938	1952074
I	178m S	Railway Buildings	1962	1979107
S	182m SW	Unspecified Ground Workings	1938	1928214
S	182m SW	Unspecified Ground Workings	1910	1979995
I	182m S	Railway Buildings	1898	1942076
T	182m S	Railway Sidings	1898	1977747
3	182m SE	Timber Yard	1913	1890126
4	186m SE	Malthouses	1878	1889160
S	188m SW	Railway Buildings	1994	1966984
S	188m SW	Railway Buildings	1989	1966984
S	188m SW	Railway Buildings	1979	1994152
S	189m SW	Railway Buildings	1962	1951525
S	189m SW	Railway Buildings	1973	1951525



ID	Location	Land Use	Date	Group ID
F	198m W	Unspecified Depot	1994	1919992
U	209m NE	Unspecified Works	1979	1950453
U	209m NE	Unspecified Works	1973	1937076
O	211m S	Railway Building	1898	1910362
U	214m NE	Unspecified Shed	1878	1885238
V	215m S	Railway Sidings	1933	1985279
O	223m S	Railway Sidings	1933	1989564
I	224m S	Railway Building	1913	1910361
W	237m N	Unspecified Ground Workings	1938	1955859
W	237m N	Unspecified Ground Workings	1910	1972947
I	240m S	Railway Building	1898	1910360
P	241m S	Railway Building	1898	1910359
O	243m S	Railway Building	1913	1995472
O	243m S	Railway Building	1938	1937124
O	243m S	Railway Building	1938	1920803
O	245m S	Railway Building	1913	1910052
O	245m S	Railway Building	1938	1918457
O	245m S	Railway Building	1913	1926784
P	245m SW	Railway Building	1898	1910358
X	247m SW	Railway Building	1933	1950369
X	247m SW	Railway Building	1938	1990539
X	250m SW	Railway Building	1962	1990539
X	251m SW	Railway Building	1938	1950369
P	255m S	Corporation Yard	1994	1929483
P	255m S	Corporation Yard	1989	1929483
P	264m S	Corporation Yard	1933	1994537
P	266m S	Corporation Yard	1938	1994537
V	268m SW	Engine Shed	1933	1936773



ID	Location	Land Use	Date	Group ID
L	268m W	Railway Sidings	1938	1985279
L	268m W	Railway Sidings	1910	1977747
T	268m SE	Fire Station	1994	1940833
T	268m SE	Fire Station	1989	1940833
T	268m SE	Fire Station	1979	1998524
T	268m SE	Fire Station	1962	1928488
T	268m SE	Fire Station	1973	1928488
P	268m S	Corporation Yard	1962	1985119
V	269m SW	Engine Shed	1938	1938463
P	270m S	Corporation Yard	1938	1989605
P	270m S	Corporation Yard	1913	1928930
V	272m SW	Engine Shed	1962	1957479
V	273m SW	Engine Shed	1938	1923828
V	275m SW	Engine Shed	1913	1962253
V	275m SW	Engine Shed	1898	1967825
5	279m N	Boat House	1979	1894564
6	283m NE	Boat House	1910	1894559
M	294m SE	Unspecified Works	1933	1952114
M	294m E	Unspecified Works	1979	1980970
M	294m E	Unspecified Works	1962	1934640
M	294m E	Unspecified Works	1973	1934640
AA	295m E	Railway Sidings	1897	1977747
M	295m SE	Railway Works	1898	1929251
M	296m SE	Railway Works	1913	1988924
M	296m SE	Railway Works	1938	1958159
AA	297m E	Railway Sidings	1938	1929335
AA	297m E	Railway Sidings	1910	1978966
AB	297m E	Coal Depot	1910	1887777



ID	Location	Land Use	Date	Group ID
M	298m SE	Unspecified Works	1938	1952114
V	301m SW	Railway Building	1898	1997164
U	302m NE	Unspecified Wharf	1878	1887095
AB	304m E	Coal Depot	1938	1887776
AC	304m E	Sawmill	1938	1914433
AC	304m E	Sawmill	1910	1997755
AA	305m SE	Railway Sidings	1900	1977747
AD	311m E	Smithy	1897	1907114
AD	314m E	Smithy	1900	1907115
T	317m SE	Railway Building	1898	1910053
T	319m SE	Railway Building	1913	1910363
AC	320m E	Unspecified Warehouses	1979	1890103
V	322m SW	Railway Building	1913	1927630
V	331m SW	Railway Building	1898	1982549
V	331m SW	Railway Building	1938	1916783
AE	333m E	Boat House	1938	1942141
AE	333m E	Boat House	1910	1916975
V	333m SW	Railway Building	1962	1916783
V	340m SW	Railway Building	1938	1949345
V	341m SW	Railway Building	1913	1929509
V	342m SW	Railway Building	1962	1944580
V	343m SW	Railway Building	1938	1960223
V	343m SW	Railway Building	1938	1944580
V	343m SW	Railway Building	1933	1960223
V	344m SW	Railway Building	1913	1923744
V	344m SW	Railway Building	1938	1960223
V	348m SW	Railway Building	1962	1960223
V	351m SW	Railway Building	1962	1910062



ID	Location	Land Use	Date	Group ID
V	353m SW	Railway Building	1938	1948483
AG	353m W	Railway Building	1994	1995973
AG	353m W	Railway Building	1989	1995973
AG	353m W	Railway Building	1979	1960550
V	354m SW	Railway Building	1979	1985630
V	354m SW	Railway Building	1913	1936038
V	356m SW	Railway Building	1962	1948483
AH	356m W	Railway Sidings	1897	1944578
AG	357m W	Railway Building	1962	1917678
AG	357m W	Railway Building	1973	1917678
V	376m SW	Railway Building	1962	1947172
AJ	376m N	Boat House	1994	1932535
AJ	376m N	Boat House	1989	1932535
V	377m SW	Railway Building	1913	1920614
AL	384m NE	Boat House	1878	1894562
AM	385m S	Unspecified Commercial/Industrial	1994	1921091
AM	385m S	Unspecified Commercial/Industrial	1989	1921091
AM	385m S	Unspecified Works	1979	1891101
AN	386m SE	Railway Station	1933	1965662
AL	386m NE	Boat House	1938	1984805
AL	386m NE	Boat House	1910	1960202
V	387m SW	Refuse Heap	1913	1888629
AH	387m W	Railway Sidings	1878	1913258
V	401m SW	Railway Building	1938	1948891
V	402m SW	Railway Building	1933	1990119
V	402m SW	Railway Building	1979	1938506
V	402m SW	Railway Building	1973	1913720
V	403m SW	Railway Building	1913	1960708



ID	Location	Land Use	Date	Group ID
V	403m SW	Railway Building	1938	1990119
AO	404m E	Electric Works	1910	1994688
AP	405m NE	Boat House	1900	1894560
V	407m SW	Railway Building	1962	1948891
V	409m SW	Railway Building	1994	1960345
V	409m SW	Railway Building	1989	1960345
AP	409m NE	Boat House	1897	1894563
AP	412m NE	Boat House	1938	1989317
AP	412m NE	Boat House	1910	1986034
9	415m W	Unspecified Works	1962	1891244
AS	423m E	Unspecified Works	1979	1917509
AS	423m E	Unspecified Works	1973	1942756
AN	425m SE	Railway Station	1994	1987946
AN	431m SE	Railway Station	1938	1995285
AN	431m SE	Railway Station	1913	1923169
AN	431m SE	Railway Station	1979	1917814
AN	431m SE	Railway Station	1962	1981193
AN	431m SE	Railway Station	1973	1917814
AN	431m SE	Railway Station	1989	1953060
M	431m SE	Railway Building	1994	1997141
M	431m SE	Railway Building	1989	1997141
M	431m SE	Railway Building	1979	1943185
M	431m SE	Railway Building	1973	1977336
AN	431m SE	Railway Station	1938	1990806
AN	448m SE	Railway Station	1898	1987946
AV	449m SE	Railway Building	1994	1953436
AV	449m SE	Railway Building	1989	1953436
AV	449m SE	Railway Building	1979	1974312



ID	Location	Land Use	Date	Group ID
AO	455m E	Unspecified Depot	1994	1928809
AO	455m E	Unspecified Depot	1989	1928809
AX	458m SW	Unspecified Depot	1994	1959444
AX	458m SW	Unspecified Depot	1989	1959444
AX	459m SW	Unspecified Depot	1979	1922471
AX	459m SW	Unspecified Depot	1973	1988287
AY	460m NE	Unspecified Manufactory	1878	1889517
10	476m E	Railway Sidings	1900	1977747
BA	481m SE	Bus Station	1994	1912184
BB	484m E	Boat Houses	1994	1947840
BB	484m E	Boat Houses	1989	1947840
BB	484m E	Boat Houses	1979	1949001
AO	485m E	Electric Works	1897	1995262
AO	488m E	Railway Sidings	1901	1950627
AO	488m E	Electric Works	1900	1995262

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

61

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 27 >](#)

ID	Location	Land Use	Date	Group ID
E	69m W	Unspecified Tank	1970	343097
E	71m W	Unspecified Tank	1988	343097
E	86m W	Tanks	1970	317076
E	87m W	Tanks	1988	317075
D	93m S	Unspecified Tank	1970	321257



ID	Location	Land Use	Date	Group ID
E	96m W	Unspecified Tank	1970	328976
E	98m W	Unspecified Tank	1988	328976
E	122m W	Unspecified Tank	1970	332100
E	124m W	Unspecified Tank	1988	341940
G	130m NW	Unspecified Tank	1970	343791
G	130m NW	Unspecified Tank	1988	343791
H	141m W	Tanks	1988	317074
H	144m W	Unspecified Tank	1970	321258
R	184m NW	Unspecified Tank	1988	321253
R	206m NW	Unspecified Tank	1970	341937
R	207m NW	Unspecified Tank	1988	341937
O	208m S	Tank or Trough	1879	319429
R	221m NW	Unspecified Tank	1970	327979
R	221m NW	Unspecified Tank	1988	327979
Y	253m W	Unspecified Tank	1970	330448
Y	254m W	Unspecified Tank	1988	330448
O	266m S	Unspecified Tank	1986	330021
O	266m S	Unspecified Tank	1993	330021
O	267m S	Tanks	1986	344124
O	267m S	Tanks	1993	344124
Z	293m W	Unspecified Tank	1970	336095
Z	294m W	Unspecified Tank	1988	336095
P	311m SW	Tank or Trough	1879	319431
V	316m SW	Unspecified Tank	1961	340723
V	316m SW	Unspecified Tank	1959	331789
AF	346m SE	Tank or Trough	1879	333559
AF	346m SE	Tank or Trough	1879	329516
AF	349m SE	Tank or Trough	1879	319701



ID	Location	Land Use	Date	Group ID
7	362m SW	Tank or Trough	1879	319430
V	364m SW	Unspecified Tank	1961	336294
V	365m SW	Unspecified Tank	1959	336294
V	365m SW	Tanks	1971	335718
V	365m SW	Tanks	1986	335718
V	367m SW	Unspecified Tank	1912	336294
V	367m SW	Unspecified Tank	1931	336294
AI	368m W	Unspecified Tank	1988	330487
AI	368m W	Unspecified Tank	1970	330487
V	371m SW	Tanks	1961	335979
V	372m SW	Tanks	1959	333608
V	373m SW	Tanks	1959	342342
V	373m SW	Tanks	1986	328200
V	373m SW	Unspecified Tank	1993	321246
V	378m SW	Unspecified Tank	1900	321263
AI	388m W	Unspecified Tank	1988	335853
AI	389m W	Unspecified Tank	1970	340223
M	399m SE	Tank or Trough	1879	319702
AI	400m W	Unspecified Tank	1972	321254
AI	405m W	Unspecified Tank	1972	321255
L	445m W	Unspecified Tank	1972	321256
AT	447m SE	Tank or Trough	1879	330555
AT	447m SE	Tank or Trough	1879	330621
AT	449m SE	Tank or Trough	1879	343891
AT	449m SE	Tank or Trough	1879	331864
V	457m SW	Unspecified Tank	1993	321245
AU	460m S	Pump and Tank	1880	341401
AU	460m S	Pump and Tank	1880	343398

This data is sourced from Ordnance Survey / Groundsure.



2.3 Historical energy features

Records within 500m

61

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 27 >](#)

ID	Location	Land Use	Date	Group ID
B	On site	Electricity Substation	1971	216777
B	On site	Electricity Substation	1984	227231
B	On site	Electricity Substation	1982	224673
B	On site	Electricity Substation	1984	224673
B	On site	Electricity Substation	1993	224673
C	On site	Electricity Substation	1970	216803
C	On site	Electricity Substation	1988	216803
D	100m S	Electricity Substation	1988	221552
D	101m S	Electricity Substation	1970	221552
K	151m NE	Electricity Substation	1984	222600
K	158m NE	Electricity Substation	1971	213312
K	158m NE	Electricity Substation	1982	213312
K	158m NE	Electricity Substation	1984	213312
K	158m NE	Electricity Substation	1993	213312
R	175m NW	Electricity Substation	1970	230744
R	176m NW	Electricity Substation	1988	230744
R	206m NW	Electricity Substation	1970	230250
R	207m NW	Electricity Substation	1988	230250
F	237m W	Electricity Substation	1970	220302
F	238m W	Electricity Substation	1988	220302
Y	252m W	Electricity Substation	1988	207375
Z	278m W	Gas Governor	1970	219726
Z	279m W	Gas Governor	1988	222961



ID	Location	Land Use	Date	Group ID
AB	296m E	Electricity Substation	1984	209563
AB	300m E	Electricity Substation	1993	209564
AB	301m SE	Electricity Substation	1982	225390
AB	301m SE	Electricity Substation	1971	212822
AB	301m SE	Electricity Substation	1984	223781
AC	326m E	Electricity Substation	1982	224925
AC	326m E	Electricity Substation	1984	224925
AC	327m E	Electricity Substation	1993	224925
AC	327m E	Electricity Substation	1971	218447
AC	327m E	Electricity Substation	1984	233609
AC	355m E	Electricity Substation	1957	211440
AC	355m E	Electricity Substation	1956	211440
AK	380m SE	Electricity Substation	1994	224198
AK	380m SE	Electricity Substation	1996	224198
AK	381m SE	Electricity Substation	1988	224198
AK	381m SE	Electricity Substation	1993	224198
8	392m W	Electricity Substation	1972	207369
AR	409m NW	Electricity Substation	1993	234347
AR	409m NW	Electricity Substation	1988	234347
AW	450m S	Electricity Substation	1986	225415
AW	450m S	Electricity Substation	1993	225415
M	472m SE	Electricity Substation	1993	215815
M	473m SE	Electricity Substation	1994	215815
M	473m SE	Electricity Substation	1996	215815
AT	474m SE	Electricity Substation	1994	222715
AT	474m SE	Electricity Substation	1996	222715
AZ	474m E	Electricity Substation	1982	233909
AZ	474m E	Electricity Substation	1984	217940



ID	Location	Land Use	Date	Group ID
AZ	474m E	Electricity Substation	1993	222229
AZ	474m E	Electricity Substation	1971	233037
AZ	474m E	Electricity Substation	1984	222229
AT	475m SE	Electricity Substation	1993	222715
AO	478m E	Electricity Depot	1972	211040
AZ	478m E	Electricity Substation	1972	233037
AZ	478m E	Electricity Substation	1989	215644
AW	482m S	Electricity Substation	1971	207373
BC	484m SW	Electricity Substation	1993	218029
BC	484m SW	Electricity Substation	1988	218029

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

26

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 27 >](#)

ID	Location	Land Use	Date	Group ID
T	235m SE	Garage	1988	69605
T	235m SE	Garage	1986	69989
Z	273m W	Garage	1959	69031



ID	Location	Land Use	Date	Group ID
Z	273m W	Garage	1970	69584
Z	279m W	Garage	1961	71361
T	304m SE	Garage	1969	67429
AQ	407m S	Garage	1962	71393
AQ	407m S	Garage	1957	70279
AQ	407m S	Garage	1969	71393
AQ	407m S	Garage	1958	71134
AQ	407m S	Garage	1961	71134
AU	448m S	Garage	1994	70262
AU	448m S	Garage	1996	70262
AU	450m S	Garage	1988	72437
AU	450m S	Garage	1993	72437
AU	450m S	Garage	1986	67852
AY	463m NE	Garage	1956	70132
AY	463m NE	Garage	1971	72434
AY	464m NE	Garage	1982	70637
AY	464m NE	Garage	1986	69489
AY	464m NE	Garage	1957	70619
AY	464m NE	Garage	1961	70619
BA	474m SE	Garage	1958	69998
BA	474m SE	Garage	1961	69998
BA	474m SE	Garage	1957	68395
11	500m S	Garage	1962	69880

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



- Site Outline
- Search buffers in metres (m)
- Historical landfill (EA/NRW)
- Historical waste sites
- Licensed waste sites
- Waste exemptions

3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



3.3 Historical landfill (LA/mapping records)

Records within 500m

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

1

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

Features are displayed on the Waste and landfill map on [page 42 >](#)

ID	Location	Details		
D	217m N	Site Address: Richfield Avenue, Reading, Berkshire Licence Holder Address: -	Waste Licence: - Site Reference: RDG11, TP0122 Waste Type: Commercial, Household, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1970 Last Recorded: 31/12/1979

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

3.5 Historical waste sites

Records within 500m

5

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

Features are displayed on the Waste and landfill map on [page 42 >](#)

ID	Location	Address	Further Details	Date
A	On site	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1970



ID	Location	Address	Further Details	Date
2	248m S	Site Address: N/A	Type of Site: Refuse Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1879
E	361m W	Site Address: 124 Cardiff Road, Reading, Berkshire, RG1 8NH	Type of Site: Waste Recycling Centre Building (Extension) Planning application reference: 210007 Description: Scheme comprises demolition of no.124 and construction of a building for use as an extension to the existing waste recycling centre building at no. 128 with associated parking and landscaping. Data source: Historic Planning Application Data Type: Point	04/01/2021
E	367m W	Site Address: 128-130 Cardiff Road, READING, Berkshire, RG1 8PQ	Type of Site: Waste Transfer Building Planning application reference: 01/316/FUL Description: Scheme comprises construction of a new steel-framed prefabricated building of 375 sqm, to form waste transfer, sorting and recycling centre. Associated works include landscaping, site services, infrastructure and access. Construction - Goosewing greystic -coated profiled steel cladding, internal partitions walls; insitu concrete floor; Goosewing grey plastic-coated profiled steel cladding roof; aluminium framed, double glazed, rooflight windows; industrial doors (unspecified), timber doors; pad foundations; steel frame; bathroom fittings. An application (ref: 01/316/FUL) for Detailed Planning permission was submitted to Reading Borough Council, no committee date as yet. Contract details to be advised. A building programme remains to be advised. Detailed plans submitted, no committee date as yet. Data source: Historic Planning Application Data Type: Point	-
3	422m S	Site Address: Great Knollys Street, Hodsoll Road, READING, Berkshire, RG1 7HP	Type of Site: Surface Car Park/Waste Station Planning application reference: 96/0097/R3/NJP Description: Relocation of a public car park and civic amenity recycling centre with associated landscaping. Relocation of a public car park and civic amenity recycling centre with associated landscaping. Detailed plans approved 29th May, 1996. An application (ref: 96/0097/R3/NJP) for Detailed Planning permission was submitted to Reading B.C. on 14th February 1996. Data source: Historic Planning Application Data Type: Point	01/09/1996

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



3.6 Licensed waste sites

Records within 500m

4

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

Features are displayed on the Waste and landfill map on [page 42 >](#)

ID	Location	Details		
E	383m W	Site Name: M Collard Waste Management Services Ltd Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCO003 EPR reference: EA/EPR/EP3893VZ/V002 Operator: M Collard Waste Management Services Ltd Waste Management licence No: 101199 Annual Tonnage: 74999	Issue Date: 11/02/2010 Effective Date: - Modified: 09/07/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
E	383m W	Site Name: R Collard Limited Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 75kte HCI Waste TS + treatment Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RCO001 EPR reference: EA/EPR/EB3500KB/V002 Operator: R Collard Limited Waste Management licence No: 101199 Annual Tonnage: 74999	Issue Date: 11/02/2010 Effective Date: 11/10/2016 Modified: 16/10/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
E	386m W	Site Name: M Collard Waste Management Services Ltd Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: 75kte Materials Recycling Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MCO003 EPR reference: EP3893VZ/A001 Operator: M Collard Waste Management Services Ltd Waste Management licence No: 101199 Annual Tonnage: 0	Issue Date: 11/02/2010 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
E	389m W	Site Name: R Collard Limited Site Address: 128, Cardiff Road, Reading, Berkshire, RG1 8PQ Correspondence Address: -	Type of Site: - Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 627272 EPR reference: EA/EPR/EB3500KB Operator: R. Collard Limited Waste Management licence No: 101199 Annual Tonnage: 74999	Issue Date: 11/02/2010 Effective Date: 11/02/2010 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

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

3.7 Waste exemptions

Records within 500m	68
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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 42 >](#)

ID	Location	Site	Reference	Category	Sub-Category	Description
A	58m NW	Wf Senate 54 Milford Road Reading Berks Rg1 8lj	EPR/WF0237R A/A001	Treating waste exemption	Non- agricultura l waste only	Crushing waste fluorescent tubes
B	120m W	Unit 2, Northbrook Industrial Estate, Vincent Avenue, Southampton, So16 6pb	WEX094332	Storing waste exemption	Not on a farm	Storage of waste in secure containers
B	120m W	Unit 2, Northbrook Industrial Estate, Vincent Avenue, Southampton, So16 6pb	WEX094332	Storing waste exemption	Not on a farm	Storage of waste in a secure place
1	161m SW	Cardiff Road, Reading, Rg1 8jf	EXP/WP3441Y W	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
C	172m W	Barrett Court, 4, 70, Cardiff Road, Reading, Rg1 8ed	WEX014987	Treating waste exemption	Not on a farm	Manual treatment of waste
C	172m W	70 4 Barret Court Cardiff Road Reading Rg1 8es	EPR/EH0110Q T/A001	Treating waste exemption	Non- agricultura l waste only	Manual treatment of waste



ID	Location	Site	Reference	Category	Sub-Category	Description
F	379m W	8 Trafford Road Reading Rg1 8jp	EPR/PF0932MH/A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
F	387m W	4 Trafford Road Reading Rg1 8js	EA/EPR/VP3743LZ/A001	Treating waste exemption	Non-agricultural waste only	Repair or refurbishment of WEEE
E	389m W	128, Cardiff Road, Reading, Rg1 8pq	WEX350180	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	389m W	128, Cardiff Road, Reading, Rg1 8pq	WEX222802	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	389m W	128, Cardiff Road, Reading, Rg1 8pq	WEX071813	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	390m W	4 Trafford Road, Reading, Berks, Rg1 8js	EA/EPR/VP3953VM/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Use of waste in construction
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Use of waste for a specified purpose
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Use of mulch
E	392m W	-	WEX382439	Using waste exemption	Not on a farm	Incorporation of ash into soil
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Recovery of textiles
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)



ID	Location	Site	Reference	Category	Sub-Category	Description
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Screening and blending of waste
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Sorting mixed waste
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Manual treatment of waste
E	392m W	-	WEX382439	Treating waste exemption	Not on a farm	Treatment of waste food
E	392m W	-	WEX382439	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
E	392m W	-	WEX382439	Disposing of waste exemption	Not on a farm	Burning waste in the open
E	392m W	-	WEX382439	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	392m W	-	WEX382439	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Use of waste to manufacture finished goods
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Spreading waste on agricultural land to confer benefit
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Use of waste for a specified purpose
E	392m W	-	WEX256965	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	392m W	-	WEX256965	Storing waste exemption	Not on a farm	Storage of waste in secure containers
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising



ID	Location	Site	Reference	Category	Sub-Category	Description
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Recovery of textiles
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Incorporation of ash into soil
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Spreading waste on non-agricultural land to confer benefit
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Burning of waste as a fuel in a small appliance
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Use of waste in construction
E	392m W	-	WEX256965	Using waste exemption	Not on a farm	Use of mulch
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Sorting mixed waste
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Screening and blending of waste
E	392m W	-	WEX256965	Disposing of waste exemption	Not on a farm	Burning waste in the open
E	392m W	-	WEX256965	Disposing of waste exemption	Not on a farm	Depositing samples of waste for the purposes of testing or analysing them
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Treatment of waste food
E	392m W	-	WEX256965	Treating waste exemption	Not on a farm	Manual treatment of waste
F	398m W	4, Trafford Road, Reading, Berks, Rg1 8js	EA/EPR/VP384 9KS/A001	Treating waste exemption	Not on a farm	Repair or refurbishment of WEEE
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX354878	Disposing of waste exemption	Not on a farm	Burning waste in the open



ID	Location	Site	Reference	Category	Sub-Category	Description
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX354878	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX354878	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX079806	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX226802	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX226802	Disposing of waste exemption	Not on a farm	Burning waste in the open
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX226802	Disposing of waste exemption	Not on a farm	Deposit of waste from dredging of inland waters
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX079806	Disposing of waste exemption	Not on a farm	Disposal by incineration
D	414m NW	Rivermead Leisure Complex, Richfield Avenue, Reading, Rg1 8eq	WEX079806	Disposing of waste exemption	Not on a farm	Burning waste in the open
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Storing waste exemption	Non-agricultural waste only	Storage of waste in a secure place
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Treating waste exemption	Non-agricultural waste only	Preparatory treatments (baling, sorting, shredding etc)
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Treating waste exemption	Non-agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Treating waste exemption	Non-agricultural waste only	Sorting mixed waste

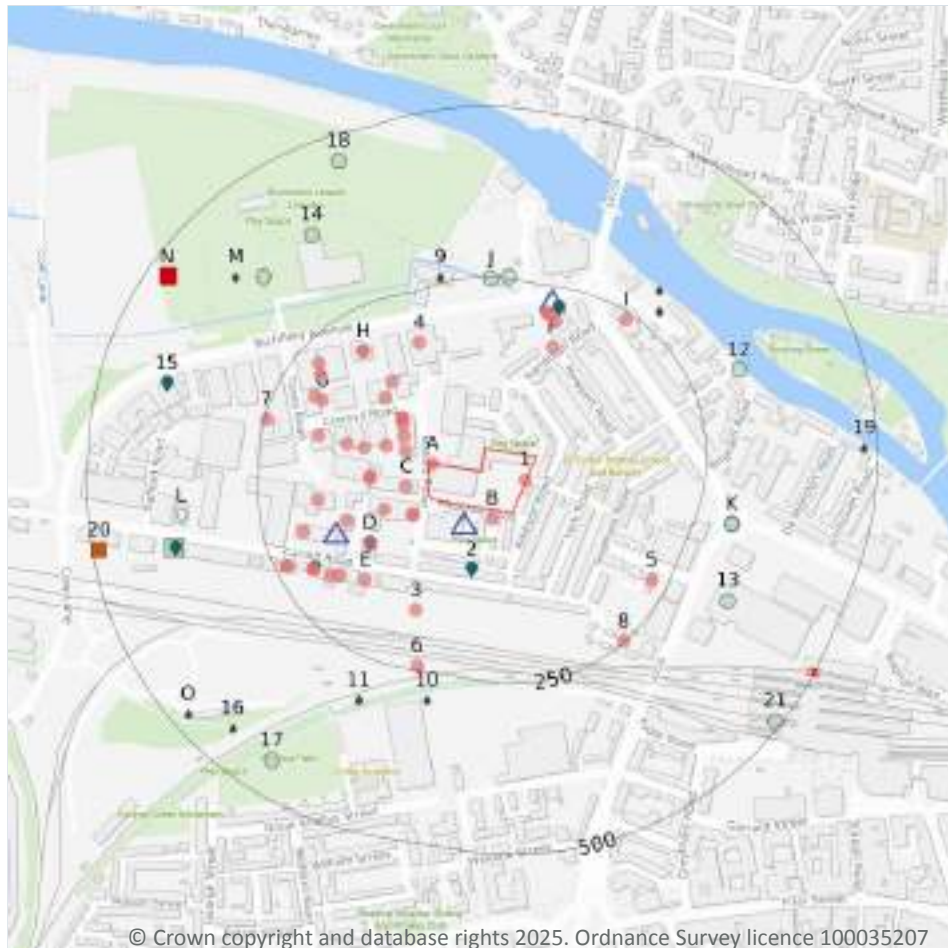


ID	Location	Site	Reference	Category	Sub-Category	Description
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Treating waste exemption	Non-agricultural waste only	Manual treatment of waste
G	475m S	Unit 2 Building C Weldale Street Reading Rg1 7bx	EPR/NH0918JR /A001	Treating waste exemption	Non-agricultural waste only	Recovery of scrap metal

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
- △ Current or recent petrol stations
- ◇ Part A(1) industrial activities
- ◆ Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollutant release to public sewer
- List 1 Dangerous Substances
- List 2 Dangerous Substances
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m

50

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on [page 52](#) >

ID	Location	Company	Address	Activity	Category
1	On site	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
A	On site	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
B	13m S	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities



ID	Location	Company	Address	Activity	Category
C	33m W	V-tech Auto Ltd	Unit 47, Milford Road, Reading, Berkshire, RG1 8LG	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	36m SW	C F M Engineering	Unit 21, Milford Road, Reading, Berkshire, RG1 8LG	Vehicle Repair, Testing and Servicing	Repair and Servicing
C	36m SW	Powerx	Unit 21, Milford Road, Reading, Berkshire, RG1 8LG	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	38m W	P V P Maintainance Ltd	Unit 65, Milford Road, Reading, Berkshire, RG1 8LG	Construction Completion Services	Construction Services
A	54m NW	Cycle Smart Foundation	71, Milford Road, Reading, Berkshire, RG1 8LG	Vehicle Components	Industrial Products
A	68m NW	Complete Connections	Unit 75, Milford Road, Reading, Berkshire, RG1 8LG	Electronic Equipment	Industrial Products
A	69m W	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
C	70m W	P J Repair Centre	Unit 35, Milford Road, Reading, Berkshire, RG1 8LG	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	76m NW	Twofold Ltd	Unit 77, Milford Road, Reading, Berkshire, RG1 8LG	Office and Shop Equipment	Industrial Products
A	77m NW	International Mailing Systems	First Floor Unit 77, Milford Road, Reading, Berkshire, RG1 8LG	Office and Shop Equipment	Industrial Products
A	77m NW	European Postal Systems Ltd	Unit 77, Milford Road, Reading, Berkshire, RG1 8LG	Office and Shop Equipment	Industrial Products
A	87m W	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	87m W	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
A	98m W	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
D	112m SW	Rivermead Accident & Repair Centre Ltd	64, Cardiff Road, Reading, Berkshire, RG1 8LL	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	116m NW	Reading Extinguisher Services	14, Cremyll Road, Reading, Berkshire, RG1 8NQ	Special Purpose Machinery and Equipment	Industrial Products
A	124m W	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
D	126m W	Euro Car Parts	Unit 4, Weighbridge Row Cardiff Road, Reading, Berkshire, RG1 8HD	Vehicle Parts and Accessories	Motoring



ID	Location	Company	Address	Activity	Category
A	131m NW	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
E	153m SW	Reading Drive in Ltd	137-139, Cardiff Road, Reading, Berkshire, RG1 8JF	Vehicle Repair, Testing and Servicing	Repair and Servicing
F	162m NE	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
D	162m W	Goodman Steel Services	98, Cardiff Road, Reading, Berkshire, RG1 8LL	Metals Manufacturers, Fabricators and Stockholders	Industrial Products
3	164m SW	Travelling Crane	Berkshire, RG1	Travelling Cranes and Gantries	Industrial Features
A	167m W	Rainbow Body Shops Reading	Unit 9, Tessa Road, Reading, Berkshire, RG1 8HH	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	176m SW	Reading Body Works	145, Cardiff Road, Reading, Berkshire, RG1 8JF	Vehicle Repair, Testing and Servicing	Repair and Servicing
4	177m NW	Vertu Mercedes Benz	26, Richfield Avenue, Reading, Berkshire, RG1 8EQ	New Vehicles	Motoring
G	181m NW	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
E	184m SW	Mark Allen Cars	149, Cardiff Road, Reading, Berkshire, RG1 8JF	Vehicle Repair, Testing and Servicing	Repair and Servicing
H	190m NW	Delta Air Conditioning Services Reading Ltd	20-22, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Construction Completion Services	Construction Services
H	190m NW	Mammoth	20-22, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Container and Storage	Transport, Storage and Delivery
D	191m W	Direct Distribution Services	2 Barrett Court 70, Cardiff Road, Reading, Berkshire, RG1 8ED	Distribution and Haulage	Transport, Storage and Delivery
G	194m NW	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
F	199m NE	Rss Reading	Richfield Avenue, Reading, Berkshire, RG1 8EQ	Vehicle Cleaning Services	Personal, Consumer and Other Services
E	201m SW	Pentagon Glass-tech	Unit 3 151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Industrial Coatings and Finishings	Industrial Products



ID	Location	Company	Address	Activity	Category
E	201m SW	R D S	151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Vehicle Repair, Testing and Servicing	Repair and Servicing
E	201m SW	B & H Motor Services	151-155, Cardiff Road, Reading, Berkshire, RG1 8JR	Vehicle Repair, Testing and Servicing	Repair and Servicing
G	205m NW	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
F	210m N	BP Service Station	Richfield Avenue, Reading, Berkshire, RG1 8EQ	Petrol and Fuel Stations	Road and Rail
F	210m N	B P Car Wash	Snax24, Richfield Avenue, Reading, Berkshire, RG1 8EQ	Vehicle Cleaning Services	Personal, Consumer and Other Services
G	218m NW	Tank	Berkshire, RG1	Tanks (Generic)	Industrial Features
5	226m SE	Coffey Geotechnics Ltd	1, Northfield Road, Reading, Berkshire, RG1 8AH	Ore Mining	Extractive Industries
E	233m SW	N R Engineering Ltd	157, Cardiff Road, Reading, Berkshire, RG1 8HD	Precision Engineers	Engineering Services
E	234m SW	Adenville Ltd	157, Cardiff Road, Reading, Berkshire, RG1 8JR	Industrial Coatings and Finishings	Industrial Products
I	240m NE	Peterbrett	Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Structural Engineers	Engineering Services
6	244m S	Mast (Telecommunication)	Berkshire, RG1	Telecommunications Features	Infrastructure and Facilities
7	247m W	Electricity Sub Station	Berkshire, RG1	Electrical Features	Infrastructure and Facilities
8	249m SE	Mast (Telecommunication)	Berkshire, RG1	Telecommunications Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.



4.2 Current or recent petrol stations

Records within 500m**3**

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on [page 52](#) >

ID	Location	Company	Address	LPG	Status
B	26m SW	OBSOLETE	Cardiff Road, Reading, Reading, RG1 8HW	Not Applicable	Obsolete
D	148m W	OBSOLETE	165-7, Cardiff Road, Reading, Reading, RG1 8HY	Not Applicable	Obsolete
F	230m N	BP	Richfield Avenue, Reading, Reading, RG1 8EQ	No	Open

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.

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

2

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

Features are displayed on the Current industrial land use map on [page 52](#) >



ID	Location	Details	
L	364m W	Operator: KINGFISHER COLOURS LIMITED Installation Name: Kingfisher Colours Limited Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: LP3338DD Original Permit Number: LP3338DD	EPR Reference: EPR/LP3338DD Issue Date: 14/12/2018 Effective Date: 14/12/2018 Last date noted as effective: 28/04/2025 Status: Surrendered
L	364m W	Operator: Kingfisher Colours Limited Installation Name: Kingfisher Colours Limited Process: ORGANIC CHEMICALS; HYDROCARBONS EG AROMATICS Permit Number: MP3332QJ Original Permit Number: LP3338DD	EPR Reference: - Issue Date: - Effective Date: 14/12/2018 Last date noted as effective: 21/03/2023 Status: Surrender Effective

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

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

Records within 500m

6

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 52 >](#)

ID	Location	Address	Details	
2	92m S	Scenery Salvage, Cardiff Road, Reading, Berkshire, RG1 8ES	Process: Combustion & Incineration Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
D	112m SW	Rivermead Accident Repair Centre, 64 Cardiff Road, Reading, Berkshire, RG1 8LL	Process: Respraying of Road Vehicles Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
E	200m SW	Sprayworks Limited, Unit 5, 151-155 Cardiff Road, Reading, RG1 8ES	Process: Respraying of Road Vehicles Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
F	220m NE	Rontec Watford Ltd, BP, Richfield Avenue, Reading, RG1 8EQ	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified
L	379m W	Unimet Enamellers Limited, 183 Cardiff Road, Reading, Berks, RG1 8HD	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcements Notified Date of enforcement: No Enforcements Notified Comment: No Enforcements Notified



ID	Location	Address	Details	
15	402m W	Grosvenor Motor Company Ltd, 10 Richfield Avenue, Reading, RG1 8EQ	Process: Waste Oil Burner 0.4 MW Status: New Legislation Applies 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
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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	10
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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 52 >](#)

ID	Location	Address	Details	
9	259m N	CALENDARSRESTAURANT,RICHFIELD AVE,CALENDARSRESTAURANT,RICHFIELD AVE,CAVERSHAM,READING,BERKSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2379 Permit Version: 1 Receiving Water: PORTMAN BROOK	Status: TRANSFERRED FROM COPA 1974 Issue date: 22/04/1988 Effective Date: 22/04/1988 Revocation Date: -
I	279m NE	RETIREMENTHOMESDEVELOPMENT,CAVER,RETIREMENTHOMESDEVELOPMENT,CAVERSHAMROAD,READING,BERKS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2313 Permit Version: 1 Receiving Water: RIVER THAMES	Status: REVOKED - UNSPECIFIED Issue date: 25/03/1988 Effective Date: 25/03/1988 Revocation Date: 31/10/1991
10	291m S	GREATKNOLLEYSSTREET,GREATKNOLLEYSSTREET,READING,BERKSHIRE, RG17HP	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CATM.3308 Permit Version: 1 Receiving Water: ABATTOIR DITCH	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 06/07/1998 Effective Date: 06/07/1998 Revocation Date: -

ID	Location	Address	Details	
I	303m NE	OFFICES,CAVERSHAMROAD,READING,B,OFFICES,CAVERSHAMROAD,READING,BERKS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2078 Permit Version: 1 Receiving Water: RIVER THAMES	Status: REVOKED - UNSPECIFIED Issue date: 02/12/1987 Effective Date: 02/12/1987 Revocation Date: 06/02/1995
11	313m SW	GREATKNOLLEYSSTREET,GREATKNOLLEYSSTREET,READING,BERKSHIRE, RG17HP	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: CATM.3307 Permit Version: 1 Receiving Water: ABATTOIR DITCH	Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 88) Issue date: 06/07/1998 Effective Date: 06/07/1998 Revocation Date: -
M	393m NW	RIVERSIDELEISURECENTRE,RIVERSIDELEISURECENTRE,READING,BERKSHIRE	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.2509 Permit Version: 1 Receiving Water: PORTMAN BROOK	Status: TRANSFERRED FROM COPA 1974 Issue date: 09/06/1988 Effective Date: 09/06/1988 Revocation Date: -
16	445m SW	COWLANEBRIDGE,COWLANE,READING,BERKSHIRE, RG18NA	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: EPRHB3597RH Permit Version: 1 Receiving Water: TRIBUTARY OF RIVER THAMES	Status: SURRENDERED UNDER EPR 2010 Issue date: 10/05/2018 Effective Date: 01/06/2018 Revocation Date: 31/07/2019
O	476m SW	PERMANENTWAYSTAFFACCOMMODATIONB,PERMANENTWAYSTAFFACCOMMODATIONB,NBLOCK,COWLANE,READING	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0130 Permit Version: 2 Receiving Water: MADE GROUND OVERLYING ALLUVIUM	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 12/05/2007 Effective Date: 12/05/2007 Revocation Date: 24/05/2010
O	476m SW	PERMANENTWAYSTAFFACCOMMODATIONB,PERMANENTWAYSTAFFACCOMMODATIONB,NBLOCK,COWLANE,READING	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: CTWC.0130 Permit Version: 1 Receiving Water: MADE GROUND OVERLYING ALLUVIUM	Status: TRANSFERRED FROM COPA 1974 Issue date: 10/07/1985 Effective Date: 10/07/1985 Revocation Date: 12/05/2007
19	480m E	LYNMOUTHROADDEMONTFORTROAD,R,LYNMOUTHROADDEMONTFORTROAD,READING,BERKS	Effluent Type: MISCELLANEOUS DISCHARGES - SURFACE WATER Permit Number: CTWC.0264 Permit Version: 1 Receiving Water: RIVER THAMES	Status: REVOKED - UNSPECIFIED Issue date: 05/08/1985 Effective Date: 05/08/1985 Revocation Date: 19/03/1991

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
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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	1
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Discharges of Special Category Effluents to the public sewer.

Features are displayed on the Current industrial land use map on [page 52 >](#)

ID	Location	Address	Details	
20	490m W	E HILLIER AND SON (HOLDINGS) LTD, 215 CARDIFF ROAD, 215 CARDIFF ROAD, READING, BERKSHIRE, RG1 8HX	Permission reference: AF5158 Local Authority: READING BOROUGH COUNCIL First received date: 01/06/2001	Last received date: 01/01/2018 Status: EFFECTIVE

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

4.16 List 1 Dangerous Substances

Records within 500m	4
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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.

Features are displayed on the Current industrial land use map on [page 52 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
N	471m NW	Quick Circuits Lovelock Rd. Reading	Not Active	-	-
N	471m NW	Hilliers Engineering 215 Cardiff Road Reading	Not Active	-	-
N	471m NW	Hilliers Engineering, 215 Cardiff Road, Reading	Active	Kennet	Mercury (other), Cadmium
N	471m NW	Quick Circuits, Lovelock Road, Reading	Active	Kennet	Mercury (other)

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

4.17 List 2 Dangerous Substances

Records within 500m

1

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.

Features are displayed on the Current industrial land use map on [page 52 >](#)

ID	Location	Name	Status	Receiving Water	Authorised Substances
L	381m W	Unimet Enamellers Ltd	Not Active	Kennet	Chromium

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

11

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 52 >](#)

ID	Location	Details	
J	248m N	Incident Date: 13/08/2002 Incident Identification: 99851 Pollutant: Oils and Fuel Pollutant Description: Other Oil or Fuel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	253m N	Incident Date: 10/07/2001 Incident Identification: 15233 Pollutant: Organic Chemicals/Products Pollutant Description: Other Organic Chemical or Product	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
K	304m E	Incident Date: 17/09/2002 Incident Identification: 108560 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
K	304m E	Incident Date: 17/09/2002 Incident Identification: 108560 Pollutant: Oils and Fuel Pollutant Description: Diesel	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
12	323m NE	Incident Date: 22/08/2001 Incident Identification: 25897 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)



ID	Location	Details	
13	341m SE	Incident Date: 12/09/2001 Incident Identification: 42851 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Composted Material	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
M	366m NW	Incident Date: 26/02/2002 Incident Identification: 60718 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
14	376m NW	Incident Date: 27/02/2002 Incident Identification: 60853 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
17	448m SW	Incident Date: 23/07/2007 Incident Identification: 516354 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
18	462m NW	Incident Date: 30/11/2001 Incident Identification: 45823 Pollutant: Inert Materials and Wastes Pollutant Description: Mineral Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
21	491m SE	Incident Date: 26/04/2002 Incident Identification: 74851 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m

0

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

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



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

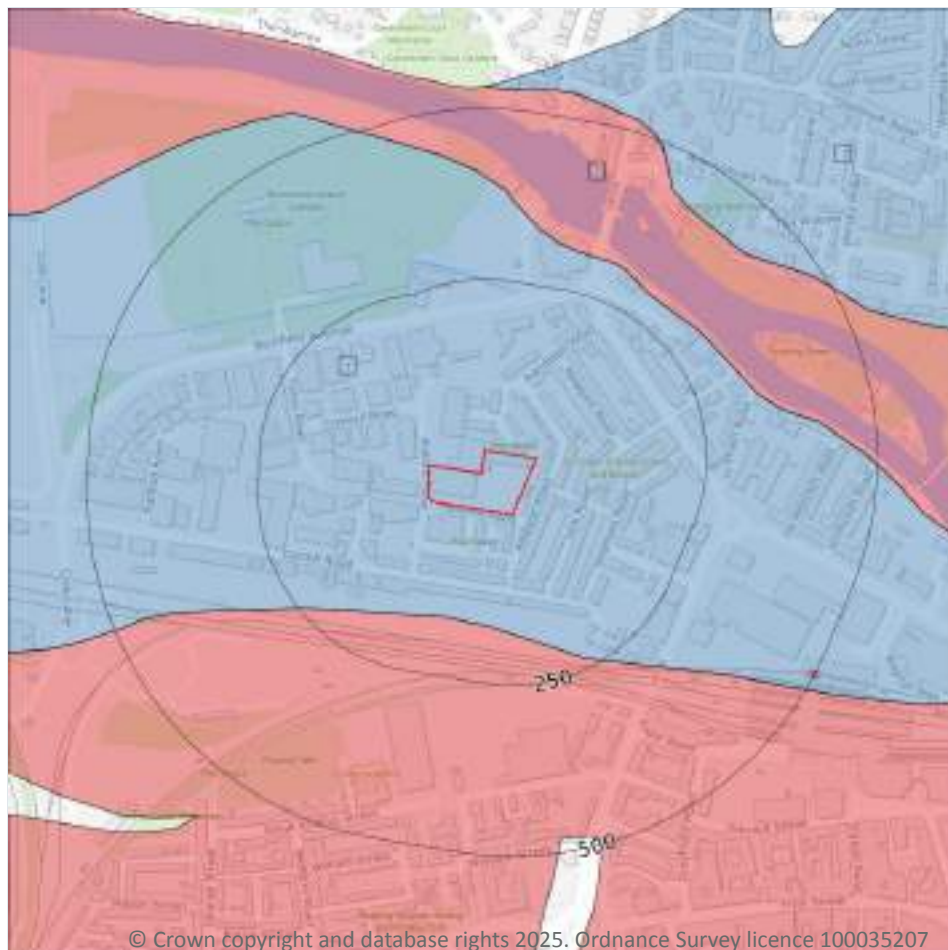
Records within 500m

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.

5 Hydrogeology - Superficial aquifer



- Site Outline
- Search buffers in metres (m)
- Principal
 - Secondary A
 - Secondary B
 - Secondary Undifferentiated
 - Unproductive
 - Unknown

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5.1 Superficial aquifer

Records within 500m

3

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on [page 65 >](#)

ID	Location	Designation	Description
1	On site	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
2	164m S	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



ID	Location	Designation	Description
3	426m NE	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

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



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.

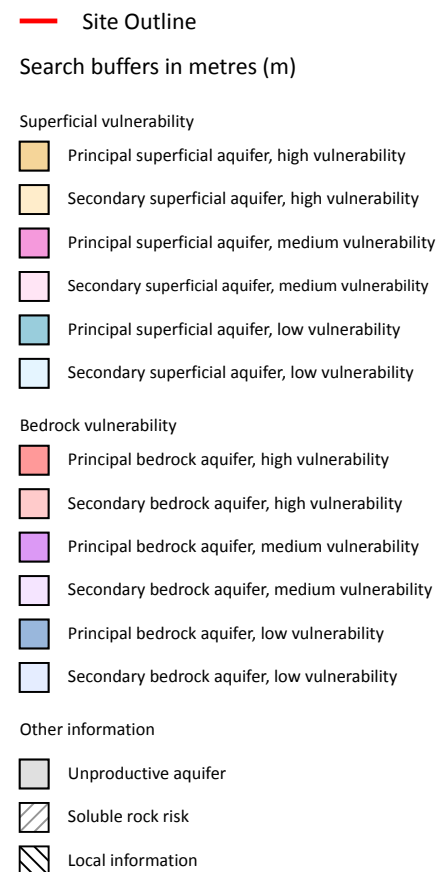
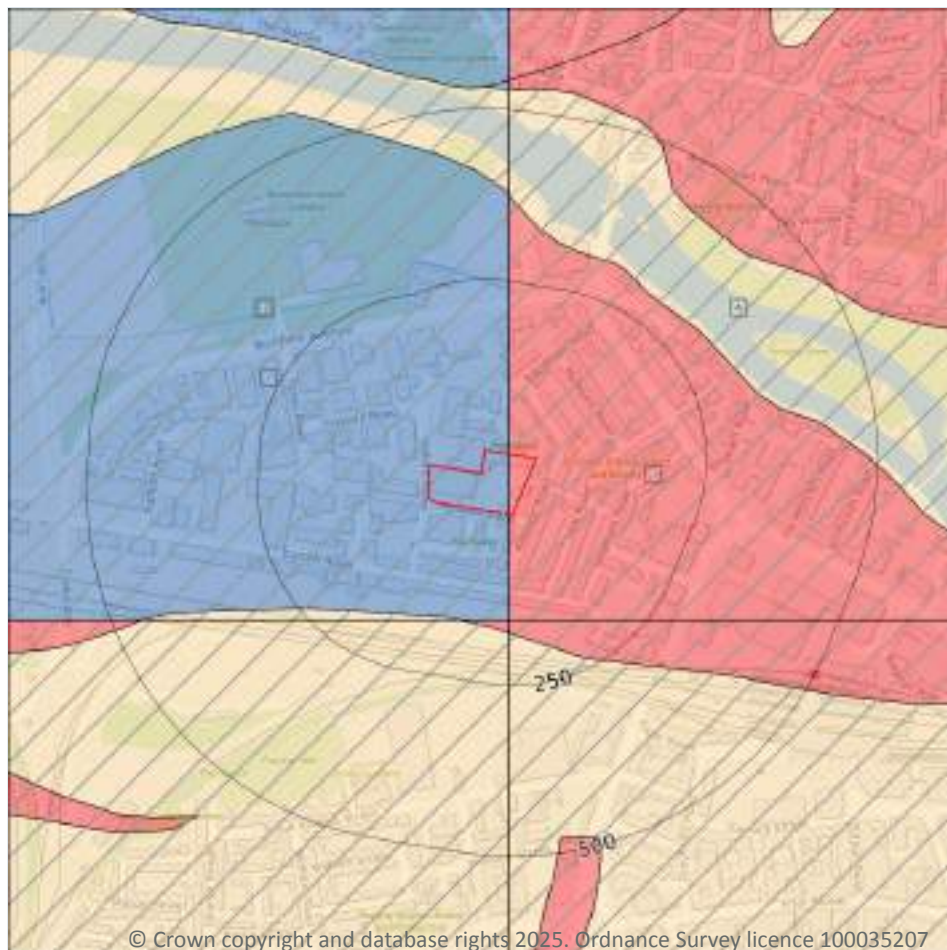
Features are displayed on the Bedrock aquifer map on [page 67](#) >

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.



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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 68](#) >



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Principal bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: >90% Recharge potential: Medium	Vulnerability: Low Aquifer type: Principal Flow mechanism: Well connected fractures
2	On site	Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	2
------------------------	----------

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

ID	Maximum soluble risk category	Percentage of grid square covered by maximum risk
3	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	2.0%
A	Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.	22.0%

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

5.5 Groundwater vulnerability- local information

Records on site	0
------------------------	----------

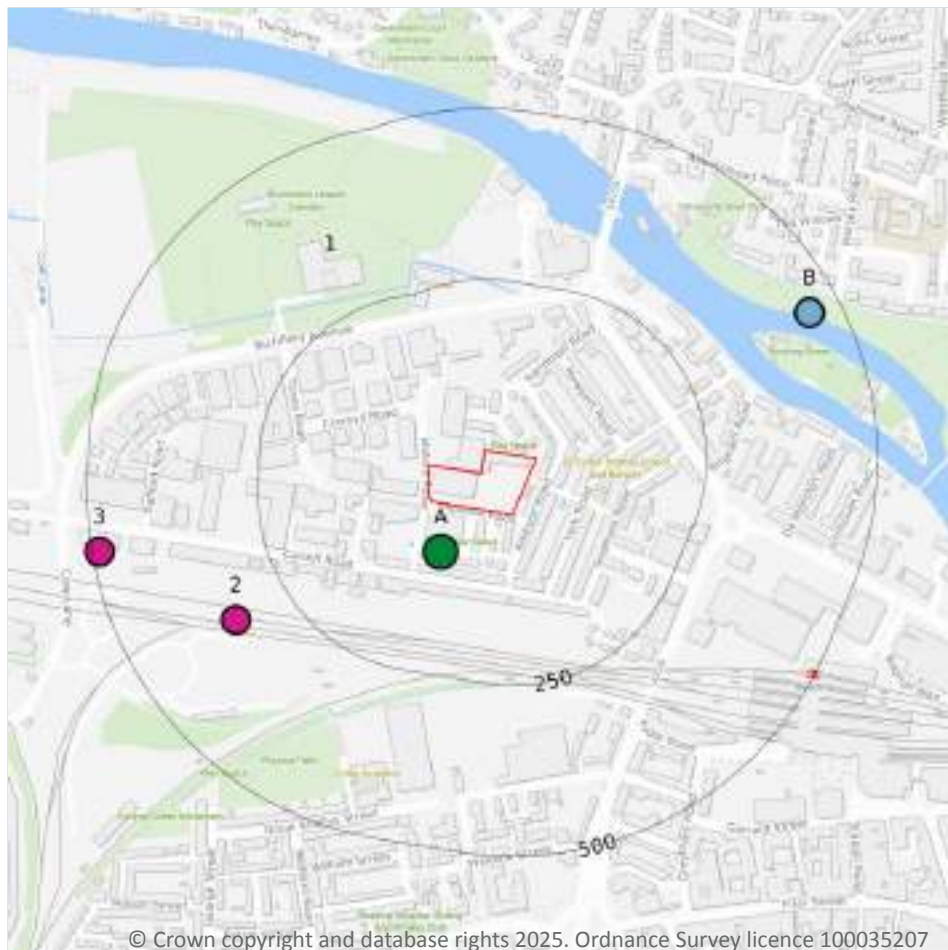
This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506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



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



Abstractions and Source Protection Zones



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
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

19

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 71](#) >

ID	Location	Details	
A	71m SW	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 727.4 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -
A	71m SW	Status: Active Licence No: 28/39/23/0167 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 727.4 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -
A	71m SW	Status: Historical Licence No: 28/39/23/0041 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
A	71m SW	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
1	293m NW	Status: Historical Licence No: TH/039/0023/037 Details: Dewatering Direct Source: THAMES GROUNDWATER Point: RIVERMEAD LEISURE COMPLEX, READING Data Type: Poly4 Name: Pelikaan (Construction) Limited Easting: 470727 Northing: 174509	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/035651 Original Start Date: 22/05/2023 Expiry Date: 22/05/2024 Issue No: 1 Version Start Date: 22/05/2023 Version End Date: -



ID	Location	Details	
2	336m SW	Status: Active Licence No: 28/39/23/0128 Details: Process Water Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING POINT B Data Type: Point Name: HILLIER GROUP OF COMPANIES Easting: 470600 Northing: 174000	Annual Volume (m ³): 6682 Max Daily Volume (m ³): 27.28 Original Application No: WR.A/4547 Original Start Date: 22/01/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
3	490m W	Status: Active Licence No: 28/39/23/0128 Details: Process Water Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING POINT A Data Type: Point Name: HILLIER GROUP OF COMPANIES Easting: 470400 Northing: 174100	Annual Volume (m ³): 6682 Max Daily Volume (m ³): 27.28 Original Application No: WR.A/4547 Original Start Date: 22/01/1975 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	683m S	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CHEAPSIDE, READING, BERKSHIRE Data Type: Point Name: PRIMARK STORES LIMITED Easting: 471200 Northing: 173500	Annual Volume (m ³): 14933 Max Daily Volume (m ³): 40.91 Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	787m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (E) Data Type: Point Name: DRAYTON Easting: 470100 Northing: 174300	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	868m NW	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (D) Data Type: Point Name: DRAYTON Easting: 470100 Northing: 174600	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -



ID	Location	Details	
-	875m E	Status: Active Licence No: 28/39/23/0020 Details: Laundry Use Direct Source: THAMES GROUNDWATER Point: 72 GEORGE STREET, CAVERSHAM, - BOREHOLE 'A' Data Type: Point Name: Elis UK Ltd Easting: 471900 Northing: 174400	Annual Volume (m ³): 68190 Max Daily Volume (m ³): 300.04 Original Application No: NPS/WR/042648 Original Start Date: 09/05/1966 Expiry Date: - Issue No: 104 Version Start Date: 26/06/2024 Version End Date: -
-	1119m W	Status: Historical Licence No: 28/39/23/0181 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BATTLE HOSPITAL, OXFORD ROAD, READING Data Type: Point Name: WEST BERKSHIRE HEALTH AUTHORITY Easting: 469800 Northing: 173900	Annual Volume (m ³): 136875 Max Daily Volume (m ³): 400 Original Application No: - Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 07/01/1999 Version End Date: -
-	1196m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (B) Data Type: Point Name: DRAYTON Easting: 469700 Northing: 174400	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1196m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (C) Data Type: Point Name: DRAYTON Easting: 469700 Northing: 174400	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -
-	1383m W	Status: Active Licence No: 28/39/23/0070 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: LITTLE JOHN'S FARM, READING (A) Data Type: Point Name: DRAYTON Easting: 469500 Northing: 174200	Annual Volume (m ³): 9819 Max Daily Volume (m ³): 26.82 Original Application No: WR.A/3088 Original Start Date: 09/01/1967 Expiry Date: - Issue No: 100 Version Start Date: 09/01/1967 Version End Date: -



ID	Location	Details	
-	1778m E	Status: Historical Licence No: 28/39/22/0600 Details: Pollution Remediation Direct Source: THAMES GROUNDWATER Point: FORMER GASWORKS, KENAVON DRIVE, READING (5 BOREHOLES) Data Type: Point Name: M J GLEESON GROUP PLC Easting: 472700 Northing: 173600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/07/2000 Expiry Date: 31/08/2001 Issue No: 1 Version Start Date: 31/07/2000 Version End Date: -
-	1822m W	Status: Historical Licence No: 28/39/23/0137 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: SCOURS LANE, READING (A - R) Data Type: Point Name: READING BOROUGH COUNCIL Easting: 469100 Northing: 174600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 17/11/1976 Expiry Date: - Issue No: 100 Version Start Date: 17/11/1976 Version End Date: -
-	1944m SE	Status: Active Licence No: 28/39/22/0521 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: ROYAL BERKSHIRE HOSPITAL Data Type: Point Name: ROYAL BERKSHIRE HOSPITAL Easting: 472400 Northing: 172800	Annual Volume (m ³): 127750 Max Daily Volume (m ³): 350 Original Application No: WRA/5950 Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 17/01/1992 Version End Date: -
-	1997m NW	Status: Historical Licence No: 28/39/23/0139 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: CHAZEY COURT FARM, MAPLEDURHAM Data Type: Point Name: EYSTON Easting: 469140 Northing: 175200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 23/03/1977 Expiry Date: - Issue No: 101 Version Start Date: 09/09/1999 Version End Date: -

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



5.7 Surface water abstractions

Records within 2000m

6

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 71 >](#)

ID	Location	Details	
B	453m NE	Status: Historical Licence No: 28/39/23/0196 Details: Transfer between sources Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THAMES AT CHRISTCHURCH MEADOW Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 12/05/2003 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 12/05/2003 Version End Date: -
B	453m NE	Status: Historical Licence No: 28/39/23/0196 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THAMES AT CHRISTCHURCH MEADOW Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): 31536 Max Daily Volume (m ³): 86.4 Original Application No: - Original Start Date: 12/05/2003 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 01/04/2006 Version End Date: -
B	453m NE	Status: Historical Licence No: 28/39/23/0199/TR Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER THAMES - CHRISTCHURCH MEADOWS Data Type: Point Name: READING BOROUGH COUNCIL Easting: 471440 Northing: 174450	Annual Volume (m ³): 1752000 Max Daily Volume (m ³): 4800 Original Application No: - Original Start Date: 10/09/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 10/09/2008 Version End Date: -
-	1033m E	Status: Historical Licence No: TH/039/0023/022 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER THAMES AT CAVERSHAM WEIR Data Type: Point Name: Reading Hydro CBS Limited Easting: 472072 Northing: 174185	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: NPS/WR/036037 Original Start Date: 19/02/2016 Expiry Date: 31/03/2028 Issue No: 4 Version Start Date: 16/09/2021 Version End Date: -



ID	Location	Details	
-	1162m SE	Status: Historical Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: THE ORACLE CENTRE, READING Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Easting: 471590 Northing: 173150	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 16/02/2000 Expiry Date: - Issue No: 1 Version Start Date: 16/02/2000 Version End Date: -
-	1162m SE	Status: Historical Licence No: 28/39/22/0594 Details: Lake & Pond Throughflow Direct Source: THAMES SURFACE WATER - NON TIDAL Point: ST.GILES STREAM AT THE ORACLE CENTRE, READING Data Type: Point Name: ORACLE SHOPPING CENTRE LTD Easting: 471590 Northing: 173150	Annual Volume (m ³): 737856 Max Daily Volume (m ³): 2016 Original Application No: NPS/WR/033582 Original Start Date: 16/02/2000 Expiry Date: - Issue No: 2 Version Start Date: 09/03/2020 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

5

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

Features are displayed on the Abstractions and Source Protection Zones map on [page 71 >](#)

ID	Location	Details	
A	71m SW	Status: Active Licence No: 28/39/23/0167 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: MEADOW ROAD, READING, BERKSHIRE Data Type: Point Name: MANROSE MANUFACTURING LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): 90920 Max Daily Volume (m ³): 727.4 Original Application No: - Original Start Date: 23/01/1990 Expiry Date: - Issue No: 101 Version Start Date: 30/06/2006 Version End Date: -



ID	Location	Details	
A	71m SW	Status: Historical Licence No: 28/39/23/0041 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CARDIFF ROAD, READING, BERKSHIRE Data Type: Point Name: COX & WYMAN LTD Easting: 470900 Northing: 174100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/07/1966 Version End Date: -
-	683m S	Status: Active Licence No: 28/39/23/0042 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: CHEAPSIDE, READING, BERKSHIRE Data Type: Point Name: PRIMARK STORES LIMITED Easting: 471200 Northing: 173500	Annual Volume (m ³): 14933 Max Daily Volume (m ³): 40.91 Original Application No: - Original Start Date: 11/07/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2008 Version End Date: -
-	1119m W	Status: Historical Licence No: 28/39/23/0181 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BATTLE HOSPITAL, OXFORD ROAD, READING Data Type: Point Name: WEST BERKSHIRE HEALTH AUTHORITY Easting: 469800 Northing: 173900	Annual Volume (m ³): 136875 Max Daily Volume (m ³): 400 Original Application No: - Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 07/01/1999 Version End Date: -
-	1944m SE	Status: Active Licence No: 28/39/22/0521 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: ROYAL BERKSHIRE HOSPITAL Data Type: Point Name: ROYAL BERKSHIRE HOSPITAL Easting: 472400 Northing: 172800	Annual Volume (m ³): 127750 Max Daily Volume (m ³): 350 Original Application No: WRA/5950 Original Start Date: 17/01/1992 Expiry Date: - Issue No: 100 Version Start Date: 17/01/1992 Version End Date: -

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



5.9 Source Protection Zones

Records within 500m

0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

0

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

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



6 Hydrology



- 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

3

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 80 >](#)

ID	Location	Type of water feature	Ground level	Permanence	Name
A	227m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
3	234m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
4	248m S	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

1

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.

Features are displayed on the Hydrology map on [page 80 >](#)

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 80 >](#)

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River	Thames Wallingford to Caversham	GB106039030331	Chilterns South	Thames and Chilterns South

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 80 >](#)

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
12	344m NE	River	Thames Wallingford to Caversham	GB106039030331 ↗	Moderate	Fail	Moderate	2019

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

6.5 WFD Groundwater bodies

Records on site

1

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

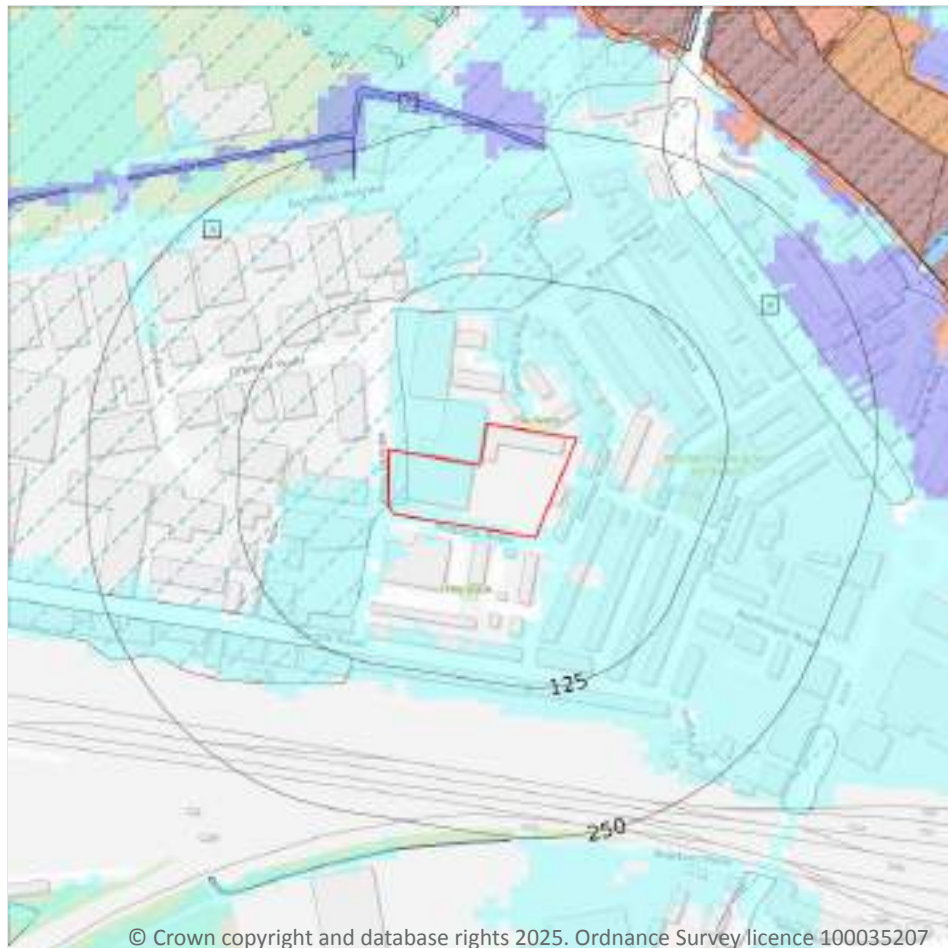
Features are displayed on the Hydrology map on [page 80 >](#)

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
2	On site	Berkshire Downs Chalk	GB40601G600900 ↗	Poor	Poor	Poor	2019

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



7 River and coastal flooding



- Site Outline
- Search buffers in metres (m)
- River and coastal flooding:
- High
- Medium
- Low
- Very Low
- Historical Flood Events
- Areas Used for Flood Storage
- Areas Benefiting from Flood Defences
- Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m

3

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

Features are displayed on the River and coastal flooding map on [page 83 >](#)



Distance	Flood risk category
On site	Low
0 - 50m	Low

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

7.2 Historical Flood Events

Records within 250m	4
----------------------------	----------

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 83 >](#)

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
3	On site	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
9	184m NE	06marchspring1947	1947-01-01 1947-12-12	Other	Local drainage/surface water	Fluvial
B	226m NW	Winter 2013/2014	2013-11-23 2014-02-28	Other	Other	No data
B	227m NW	Winter 2013/2014	2013-11-23 2014-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 Flood Defences

Records within 250m	0
----------------------------	----------

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

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

Records within 250m

0

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

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



River and coastal flooding - Flood Zones



- 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 83](#) >

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

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



7.7 Flood Zone 3

Records within 50m

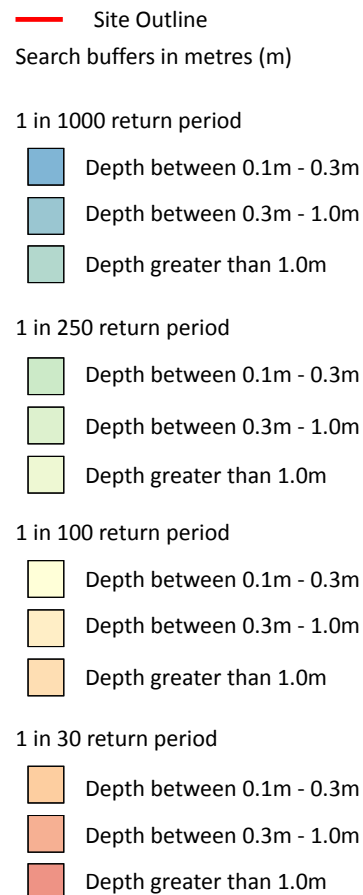
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

1 in 30 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.3m - 1.0m

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

Features are displayed on the Surface water flooding map on [page 88 >](#)

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

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

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

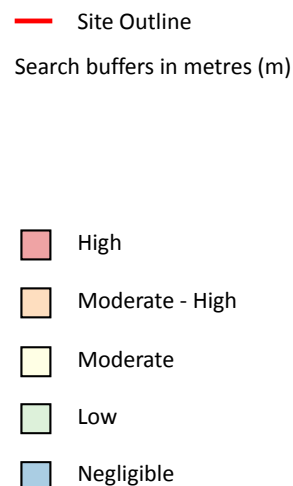
This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



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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 90](#) >

This data is sourced from Ambiantal Risk Analytics.



10 Environmental designations

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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



10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m**0**

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m**0**

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

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

10.11 Green Belt

Records within 2000m**0**

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

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

10.12 Proposed Ramsar sites

Records within 2000m**0**

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m**0**

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

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



10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

2

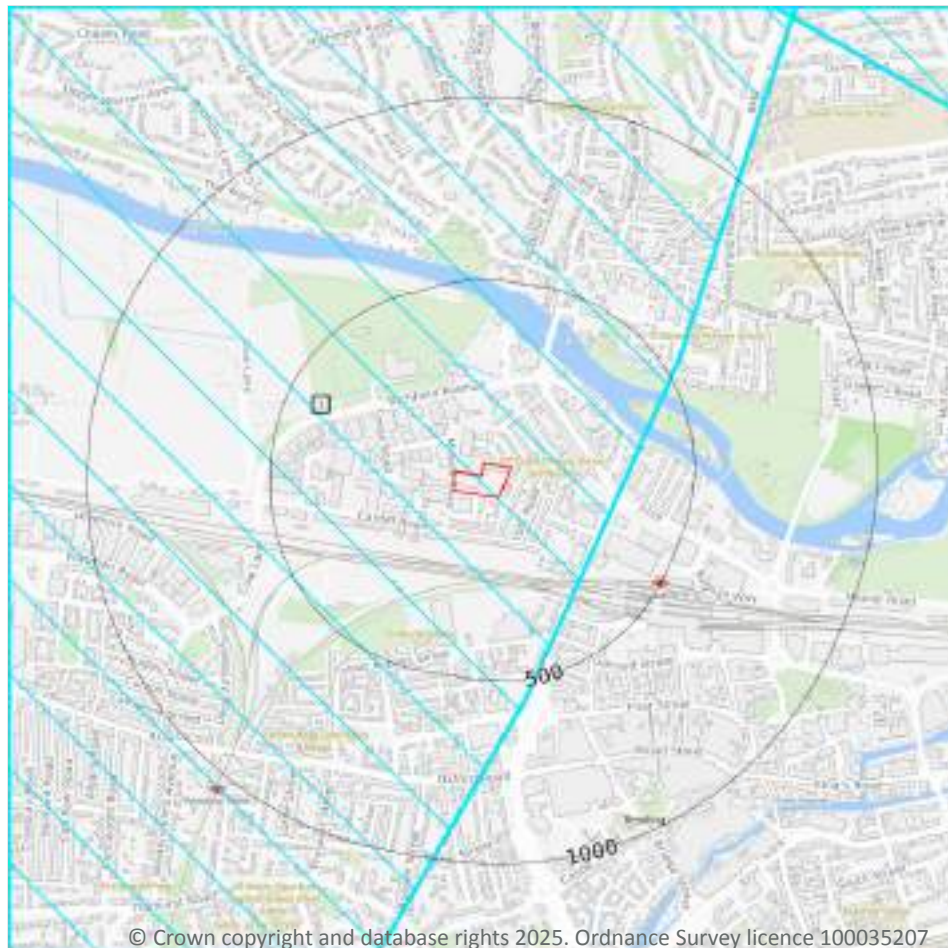
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Thames Wallingford to Caversham NVZ	Surface Water	481	Existing
1733m N	Thames Wallingford to Caversham NVZ	Surface Water	481	Existing

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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on [page 95 >](#)

ID	Location	Type of developments requiring consultation
1	On site	Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 4000m². Combustion - General combustion processes >50MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.



This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

0

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

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



11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

0

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



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

11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

0

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

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



12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on [page 99](#) >

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

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

13 Habitat designations

13.1 Priority Habitat Inventory

Records within 250m

0

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

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

0

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

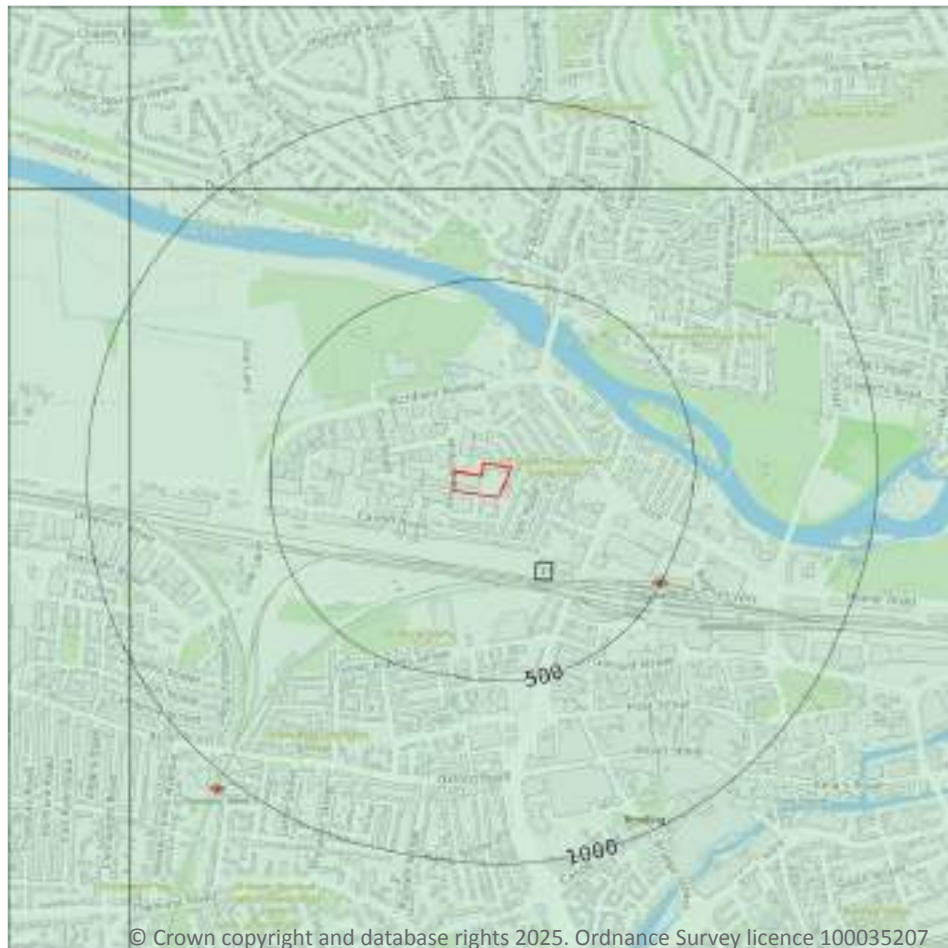
0

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



- Site Outline**
- Search buffers in metres (m)
- Full coverage
 - Partial coverage
 - No coverage

14.1 10k Availability

Records within 500m

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.

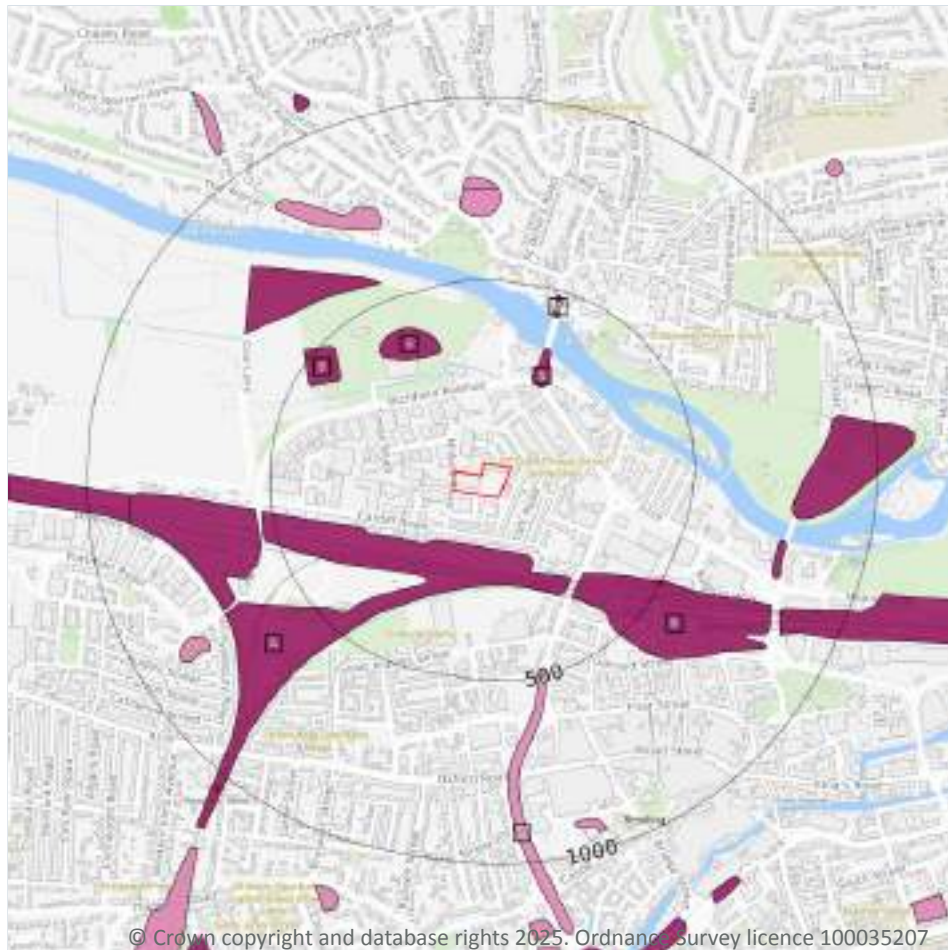
Features are displayed on the Geology 1:10,000 scale - Availability map on [page 102](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU77SW

This data is sourced from the British Geological Survey.



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



- Site Outline**
- Search buffers in metres (m)
- Reclaimed ground
 - Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m

7

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on [page 103](#) >

ID	Location	LEX Code	Description	Rock description
1	139m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	234m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	309m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	320m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

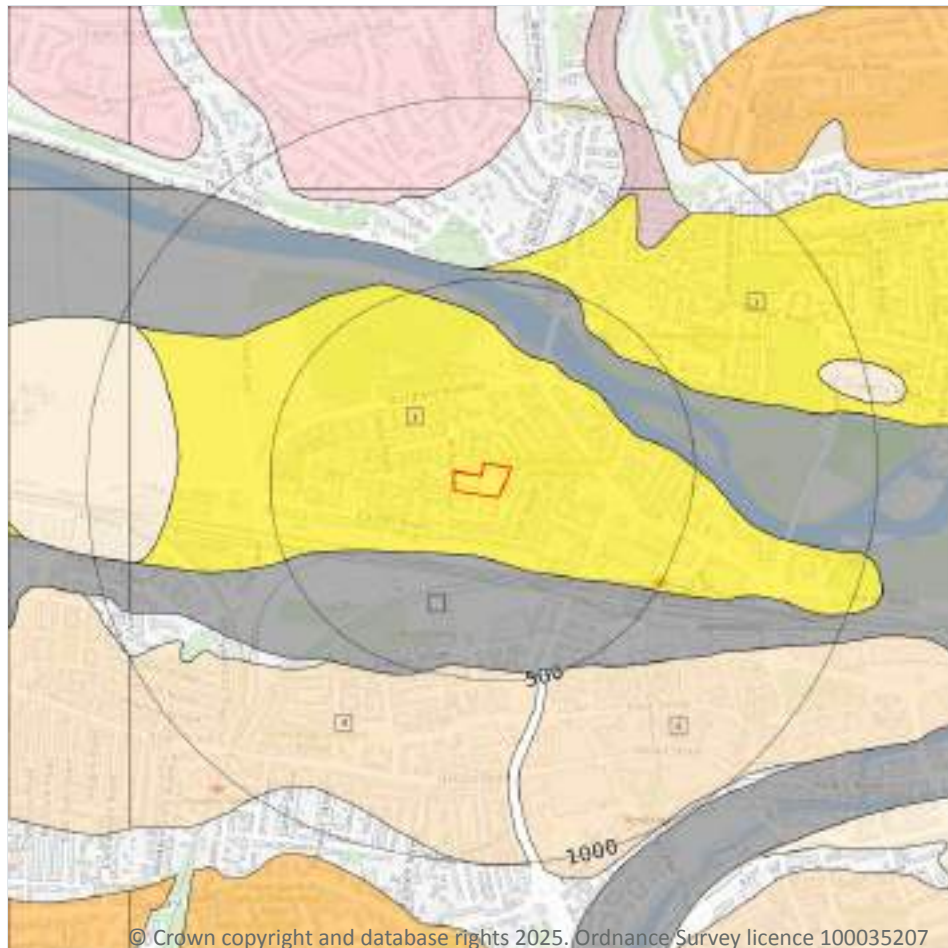


ID	Location	LEX Code	Description	Rock description
5	397m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	428m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
7	484m S	WGR-VOID	Worked Ground (Undivided)	Void

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

5

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 105](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	LASI-XCZ	Langley Silt Member - Clay And Silt	Clay And Silt
2	167m S	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
3	419m NE	LASI-XCZ	Langley Silt Member - Clay And Silt	Clay And Silt
4	467m S	TPGR-XSV	Taplow Gravel Formation - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	487m S	TPGR-XSV	Taplow Gravel Formation - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

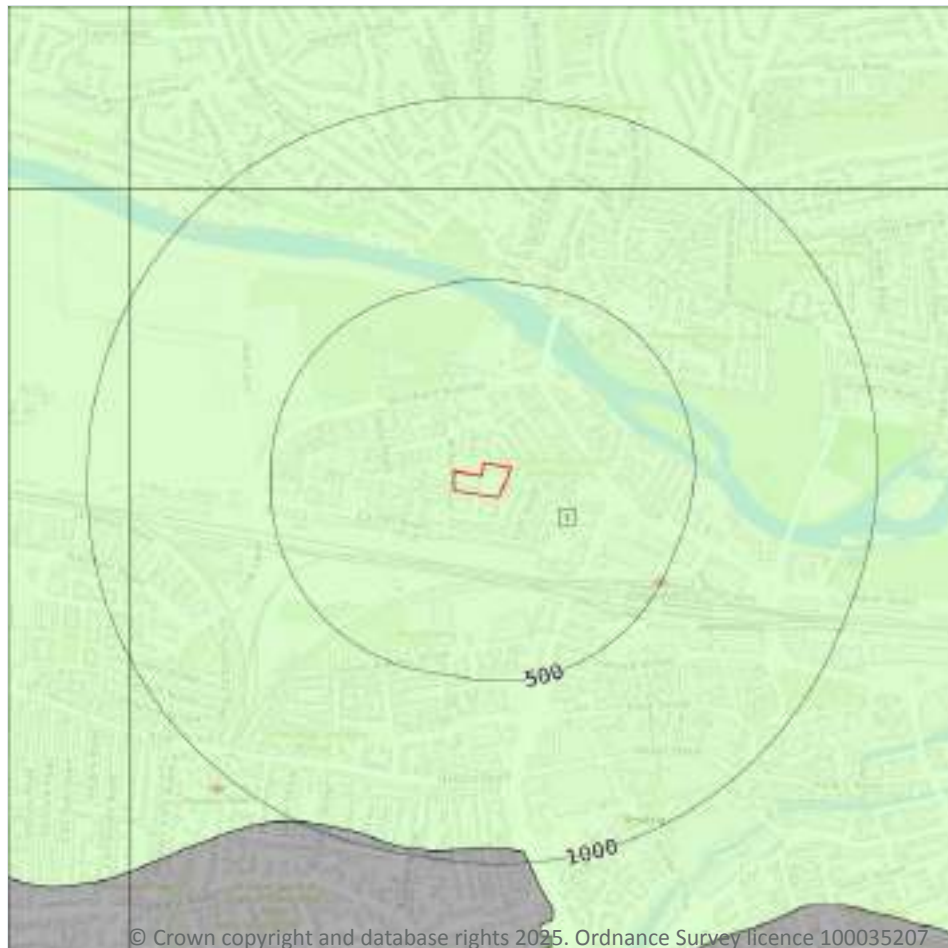
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m

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 107 >](#)

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

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

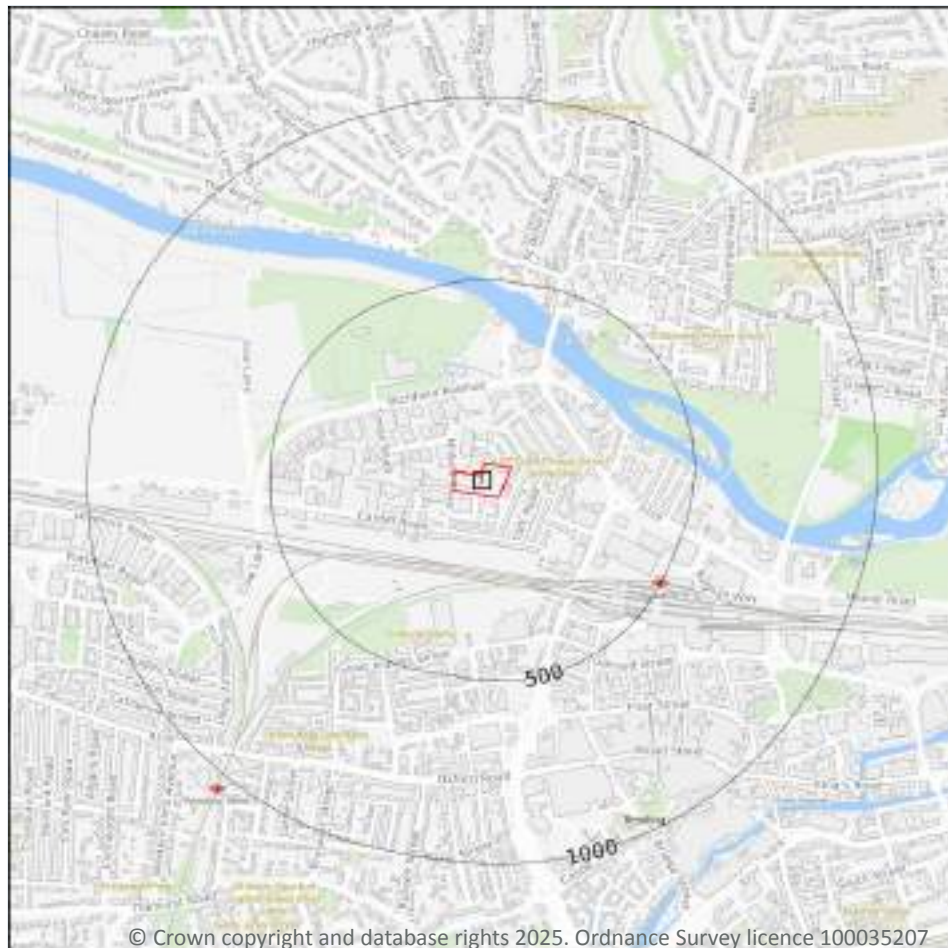
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



- Site Outline
- Search buffers in metres (m)
- ☐ Geological map tile

15.1 50k Availability

Records within 500m

1

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

Features are displayed on the Geology 1:50,000 scale - Availability map on [page 109](#) >

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW268_reading_v4

This data is sourced from the British Geological Survey.



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

15.2 Artificial and made ground (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

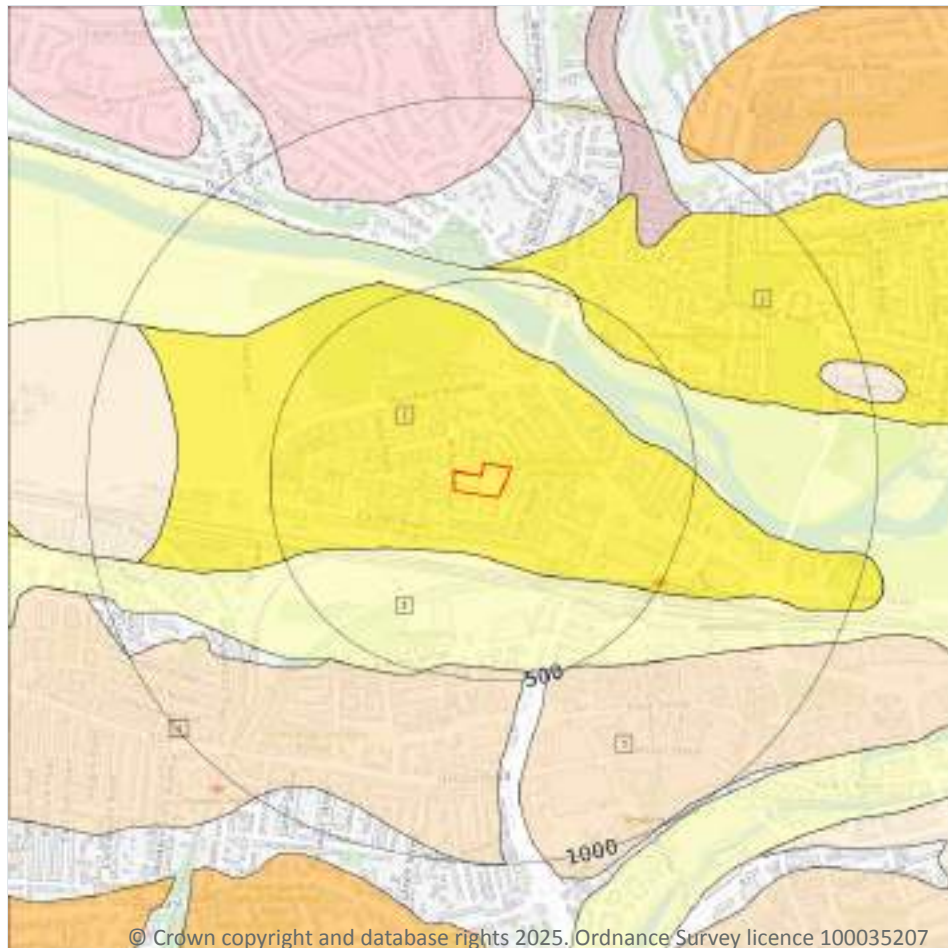
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



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

5

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 111](#) >

ID	Location	LEX Code	Description	Rock description
1	On site	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
2	164m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	426m NE	LASI-XCZ	LANGLEY SILT MEMBER	CLAY AND SILT
4	465m S	TPGR-XSV	TAPLOW GRAVEL MEMBER	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	487m S	TPGR-XSV	TAPLOW GRAVEL MEMBER	SAND AND GRAVEL

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	Mixed	Low	Very Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	0
---------------------	---

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

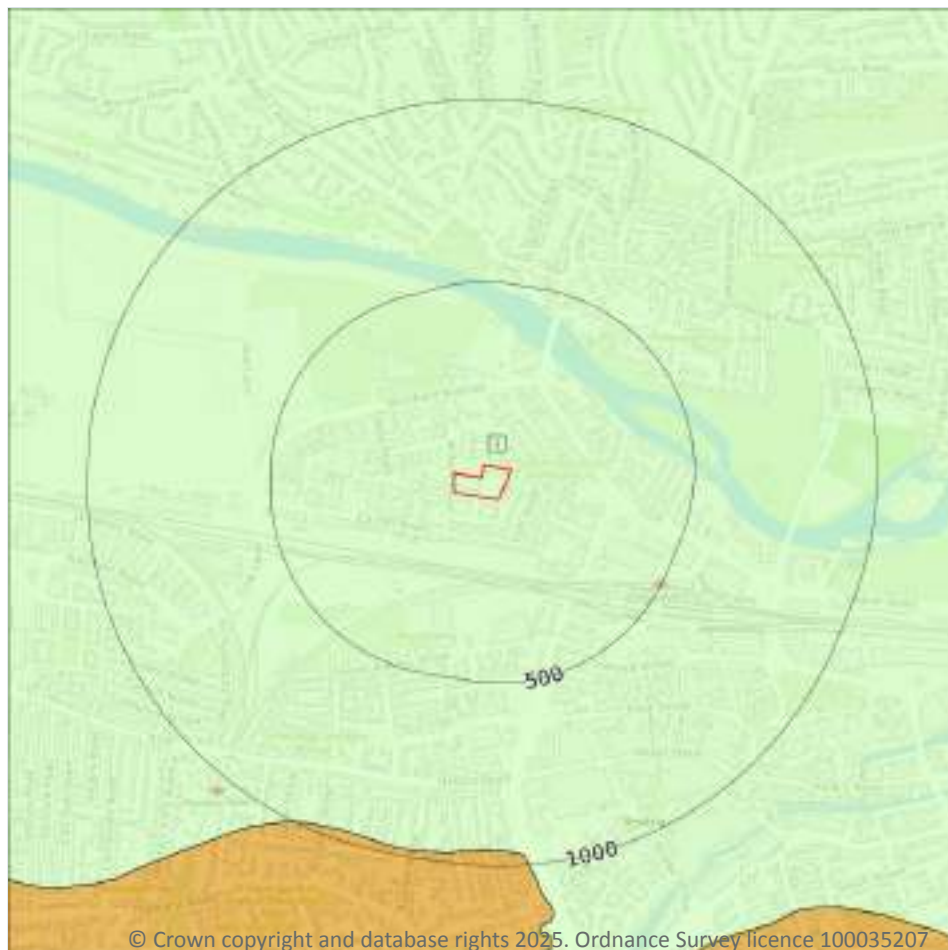
Records within 50m	0
--------------------	---

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

This data is sourced from the British Geological Survey.



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 113](#) >

ID	Location	LEX Code	Description	Rock age
1	On site	SNCK-CHLK	SEAFORD CHALK FORMATION AND NEWHAVEN CHALK FORMATION (UNDIFFERENTIATED) - CHALK	CONIACIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

1

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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

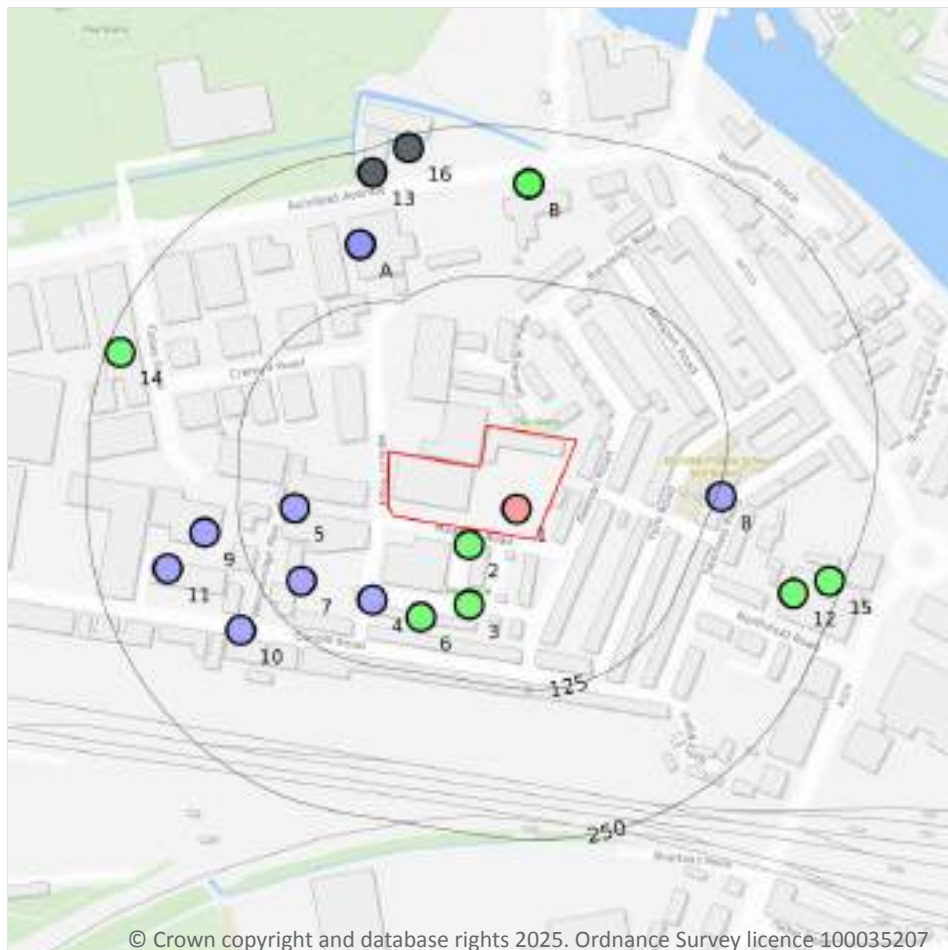
0

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

This data is sourced from the British Geological Survey.



16 Boreholes



— Site Outline
Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m

28

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 115](#) >

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	470990 174180	MEADOW ROAD WORKS CAVERSHAM	45.72	N	428200 ↗
2	14m S	470950 174150	MEADOW ROAD READING	18.28	N	428801 ↗
3	63m S	470950 174100	14 CROSS ST READING	11.43	N	428342 ↗



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	72m SW	470870 174104	QTR DEPOT CARDIFF ROAD READING 2/2A	6.0	N	15637606 ↗
5	78m W	470805 174181	QTR DEPOT CARDIFF ROAD READING 1	6.0	N	15637605 ↗
6	79m SW	470910 174090	ADDISON ROAD READING	15.24	N	428812 ↗
7	94m SW	470811 174120	QTR DEPOT CARDIFF ROAD READING 3	6.0	N	15637607 ↗
8	129m E	471160 174190	SCHOOL BOARD SWANSEA ROAD	7.31	N	428201 ↗
9	155m W	470730 174160	CARDIFF ROAD READING	4.57	N	428811 ↗
10	159m SW	470760 174079	QTR DEPOT CARDIFF ROAD READING 4	6.0	N	15637608 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM 1	15.0	N	15617870 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM 2	14.5	N	15617876 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM TP 1	3.6	N	15617878 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM TP 2	4.2	N	15617880 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM TP 3	3.6	N	15617883 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM TP 4	3.4	N	15617885 ↗
A	174m NW	470860 174400	RICHFIELD AVENUE-READING FOR PROPOSED NEW PORSH SHOWROOM TP 5	3.7	N	15617887 ↗
11	190m W	470700 174130	CARDIFF ROAD READING	3.65	N	428810 ↗
B	204m N	471000 174450	RICHFIELD AVENUE READING 1	15.0	N	428272 ↗
B	204m N	471000 174450	RICHFIELD AVENUE READING 2	15.0	N	428273 ↗
B	204m N	471000 174450	RICHFIELD AVENUE READING 3	20.0	N	428274 ↗
B	204m N	471000 174450	RICHFIELD AVENUE READING 4	15.0	N	428275 ↗
B	204m N	471000 174450	RICHFIELD AVENUE READING 5	15.0	N	428276 ↗
12	215m E	471220 174110	81 CAVERSHAM ROAD READING	22.86	N	428813 ↗
13	231m N	470870 174460	THE GOLDEN BEAR READING 1	-	Y	N/A

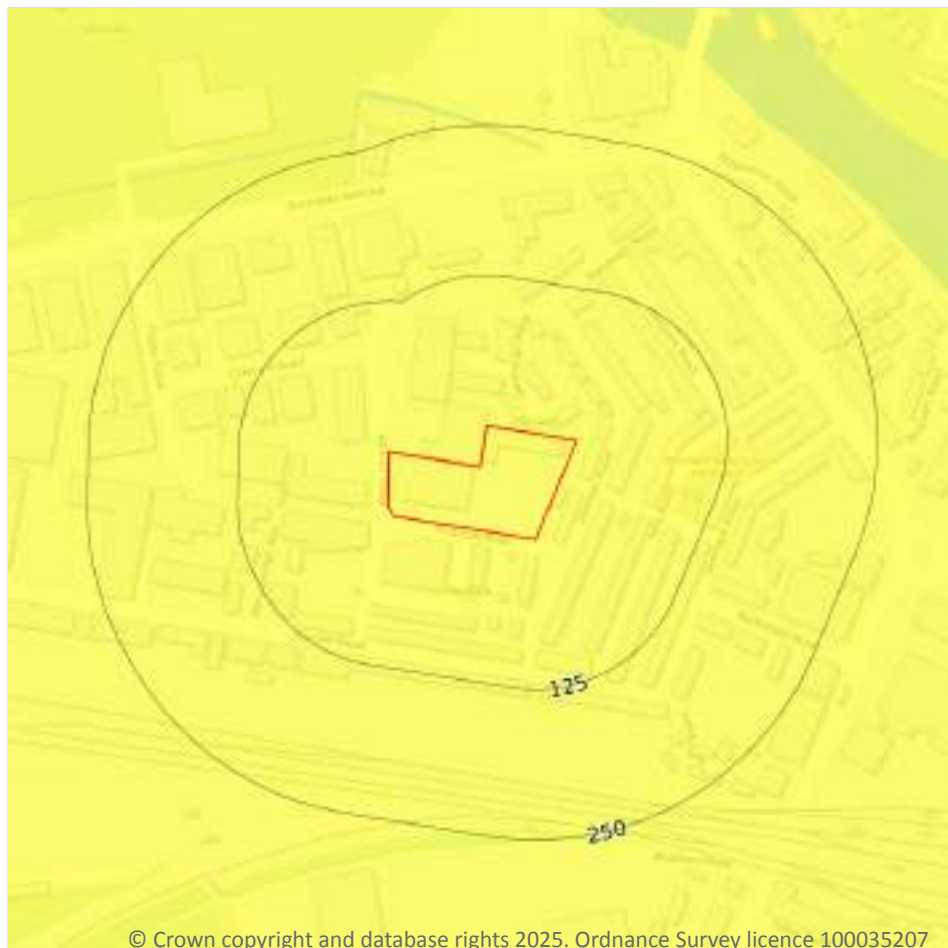


ID	Location	Grid reference	Name	Length	Confidential	Web link
14	238m W	470660 174310	NO 9 RICHFIELD INDUSTRIAL ESTATE READING BERKSHIRE 1	12.19	N	15613099 ↗
15	239m E	471250 174120	CAVERSHAM ROAD READING A	19.4	N	428775 ↗
16	240m N	470900 174480	THE GOLDEN BEAR READING 2	-	Y	N/A

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

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).

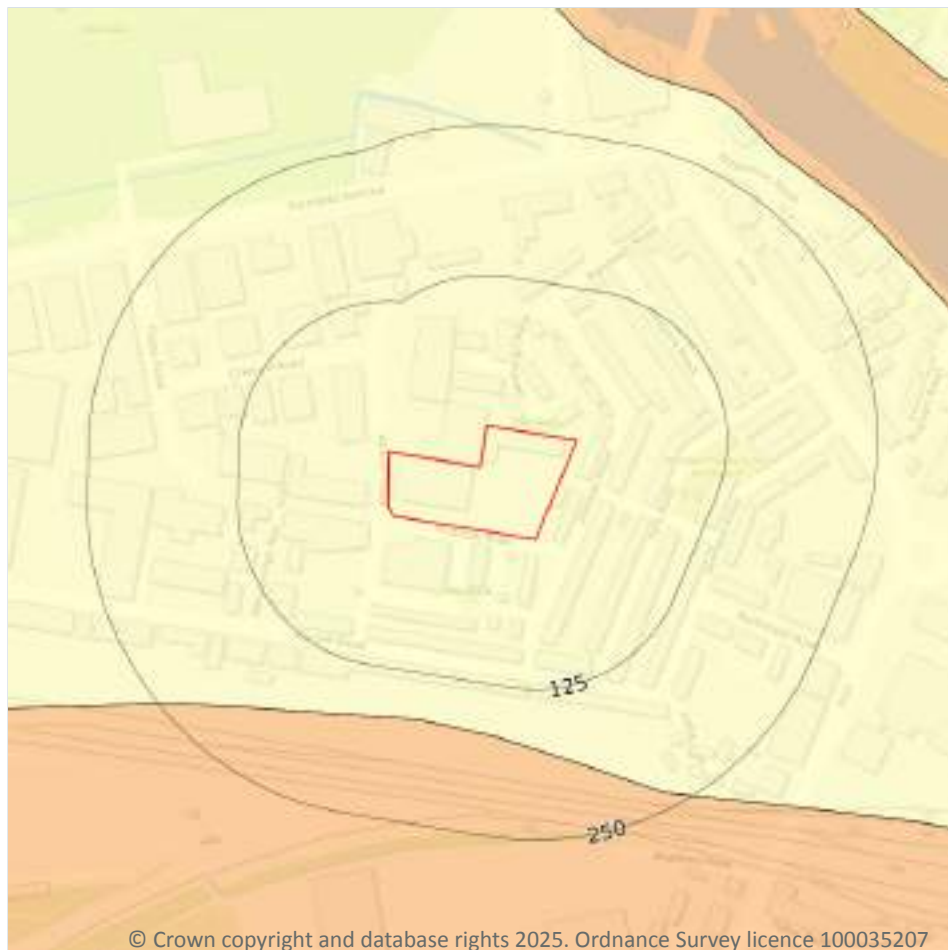
Features are displayed on the Natural ground subsidence - Shrink swell clays map on [page 118](#) >

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

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.

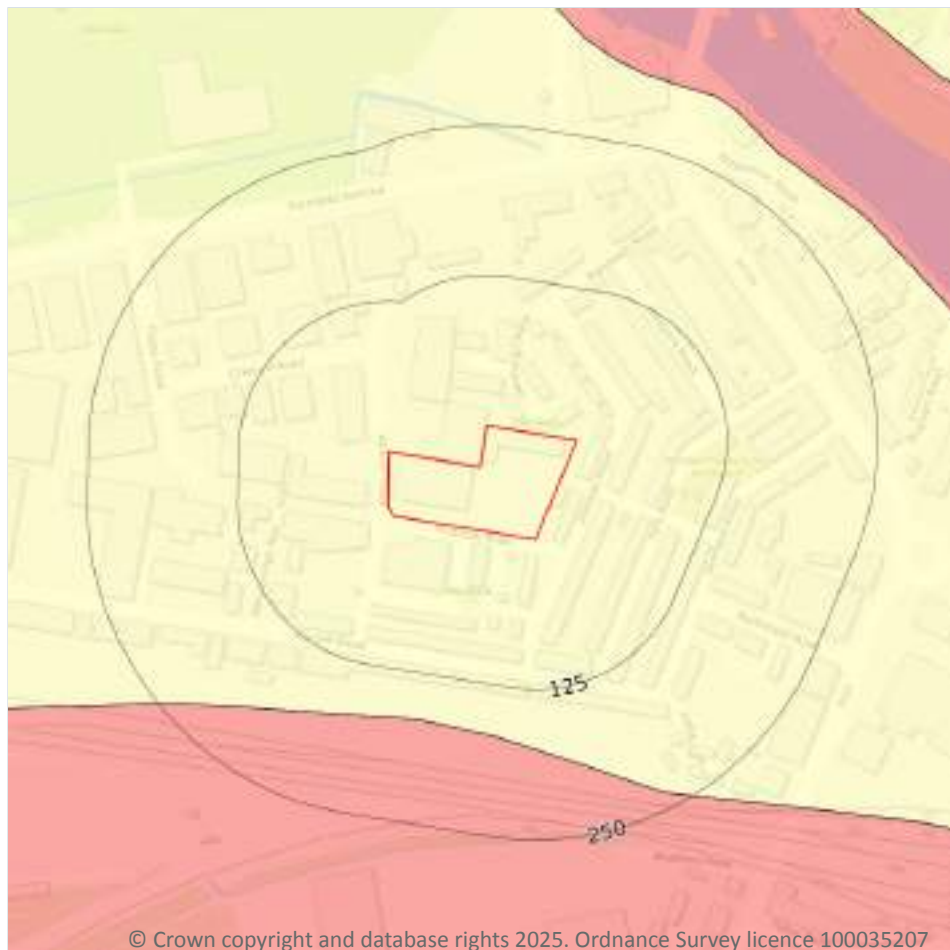
Features are displayed on the Natural ground subsidence - Running sands map on [page 119](#) >

Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.3 Compressible deposits

Records within 50m

1

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

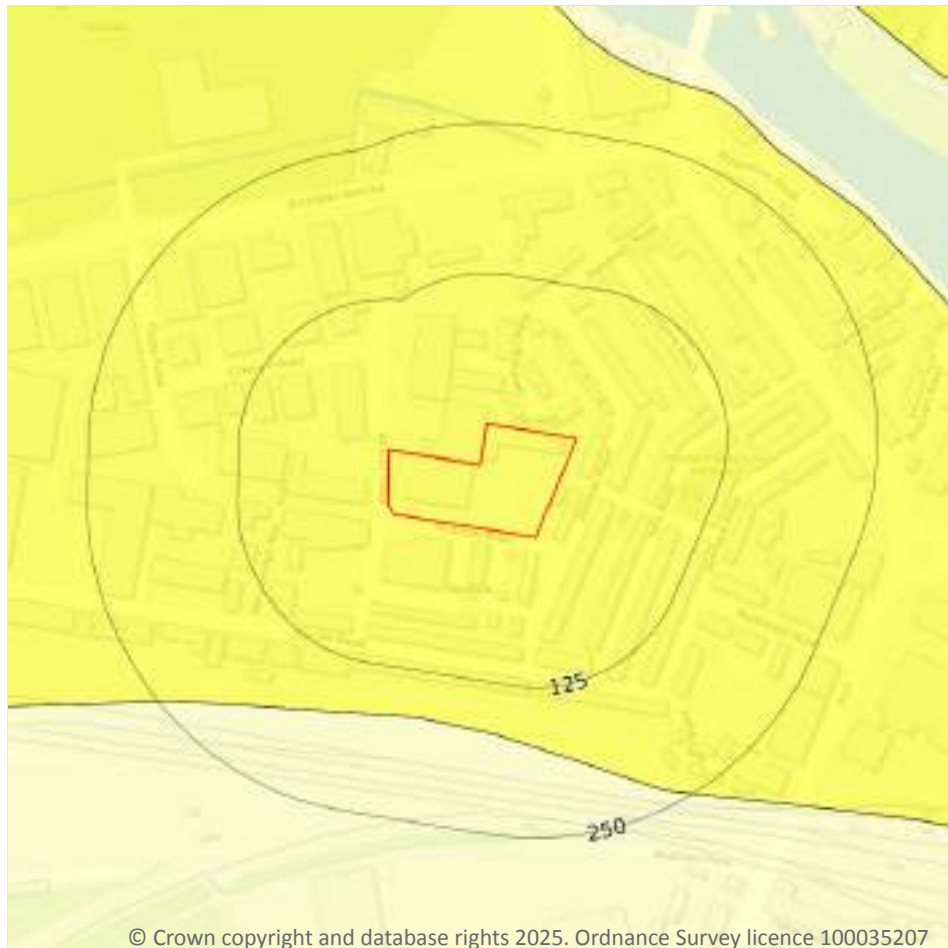
Features are displayed on the Natural ground subsidence - Compressible deposits map on [page 120 >](#)

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

1

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

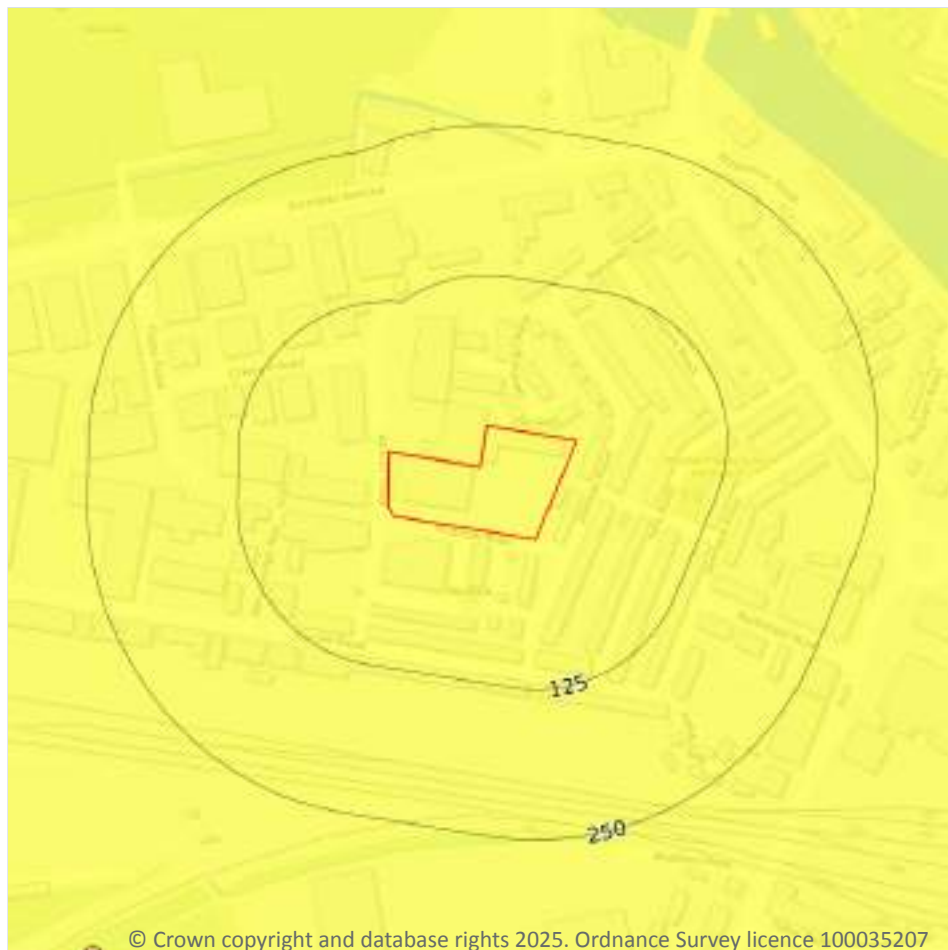
Features are displayed on the Natural ground subsidence - Collapsible deposits map on [page 121 >](#)

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.



Natural ground subsidence - Landslides



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☒ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

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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.

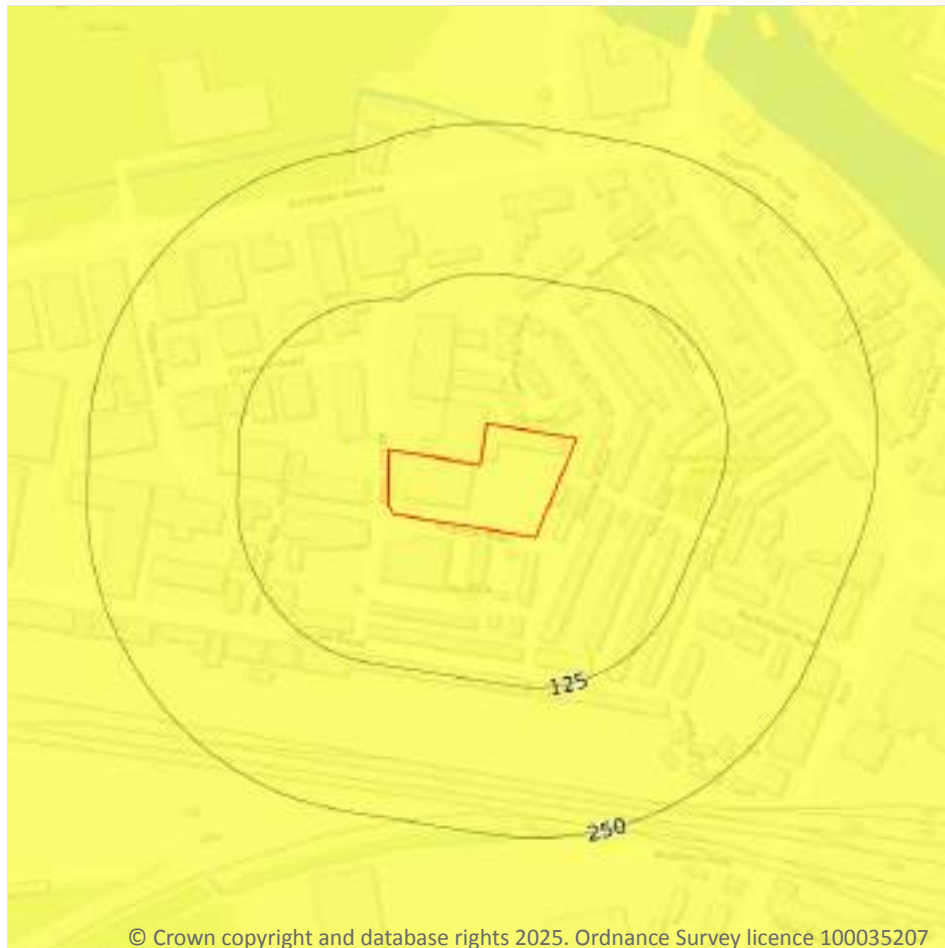
Features are displayed on the Natural ground subsidence - Landslides map on [page 122 >](#)

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.



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 123 >](#)

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.



This data is sourced from the British Geological Survey.



18 Mining and ground workings



- Site Outline
- Search buffers in metres (m)
- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 BritPits

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m**6**

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

Features are displayed on the Mining and ground workings map on [page 125 >](#)

ID	Location	Land Use	Year of mapping	Mapping scale
A	145m S	Unspecified Ground Workings	1938	1:10560
A	145m S	Unspecified Ground Workings	1913	1:10560
B	182m SW	Unspecified Ground Workings	1938	1:10560
B	182m SW	Unspecified Ground Workings	1910	1:10560
C	237m N	Unspecified Ground Workings	1938	1:10560
C	237m N	Unspecified Ground Workings	1910	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m**0**

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

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m**0**

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

This data is sourced from Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

6

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

Features are displayed on the Mining and ground workings map on [page 125 >](#)

ID	Location	Name	Commodity	Class	Likelihood
3	479m S	Not available	Chalk	B	Underground mine workings may have occurred in the past or current mines may be working at significant depth to modern engineering standards. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
5	503m SE	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
6	530m N	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
8	717m SW	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.
-	751m N	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.



ID	Location	Name	Commodity	Class	Likelihood
-	946m W	Not available	Chalk	A	Underground mine workings are uncommon, although the geology is similar to that worked elsewhere. Potential for difficult ground conditions are unlikely and are at a level where they need not be considered.

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	1
------------------------	----------

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

Location	Details
On site	Whilst outside of an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) may have information such as mining plans and maps held within their archive that have occurred within 1km of this property. Please note, the plans held by JPB may also relate to non-mining records. Further details and a quote for services (if appropriate) can be obtained by emailing this report to enquiries.gs@jpb.co.uk ↗.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0
----------------------------	----------

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

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0
----------------------------	----------

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



This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m

0

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

This data is sourced from Groundsure.

18.12 Coal mining

Records on site

0

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

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site

0

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

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

18.14 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.



18.15 Tin mining

Records on site	0
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Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0
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Generalised areas that may be affected by kaolin and ball clay extraction.

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

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m

0

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

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m

0

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

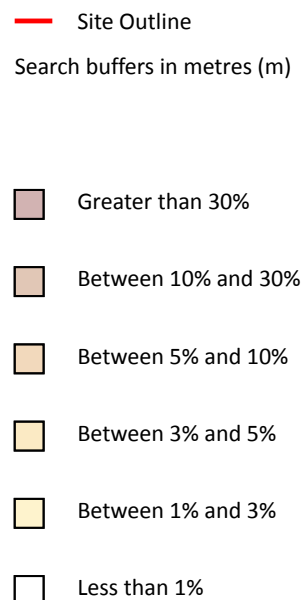
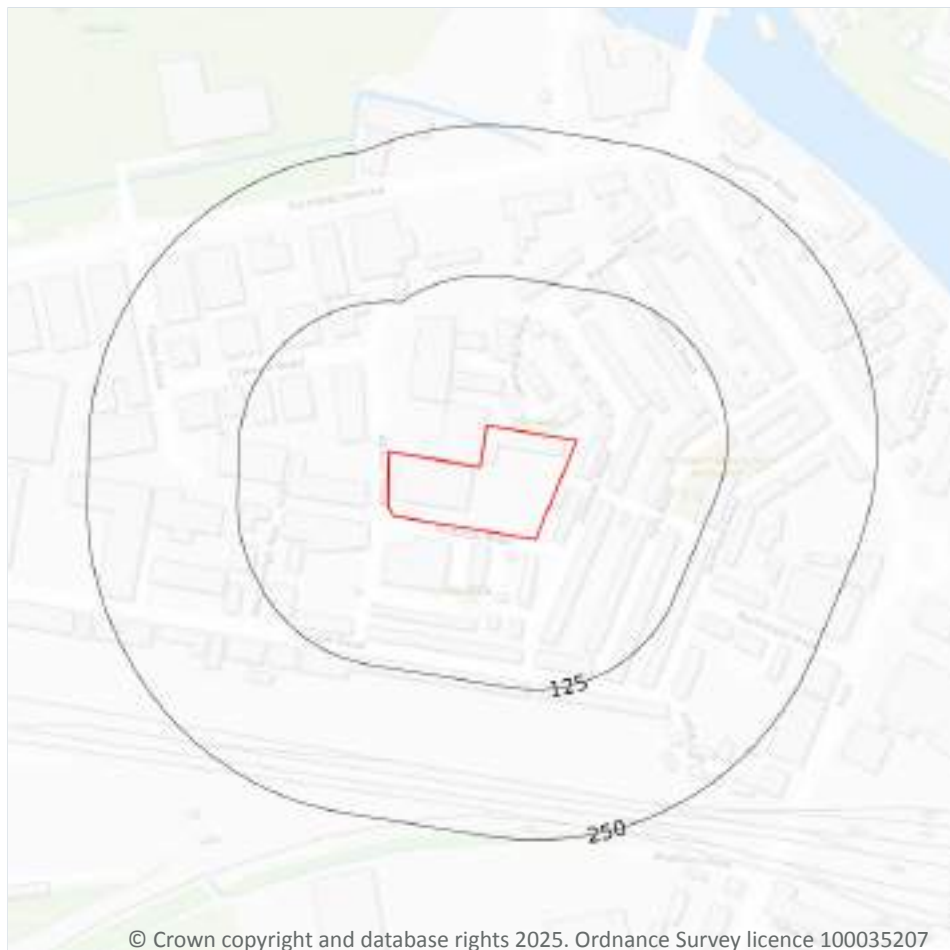
Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.



This data is sourced from Groundsure.



20 Radon



20.1 Radon

Records on site

1

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

Features are displayed on the Radon map on [page 133](#) >

Location	Estimated properties affected	Radon Protection Measures required
On site	Less than 1%	None



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



21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m

2

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km². 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 km²; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

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

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

21.3 BGS Measured Urban Soil Chemistry

Records within 50m

0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km².

This data is sourced from the British Geological Survey.



22 Railway infrastructure and projects



- Site Outline
- Search buffers in metres (m)
- C2 Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- ... Active railways
- ... Active tunnels
- ... Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m

0

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



This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m

47

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

Features are displayed on the Railway infrastructure and projects map on [page 136 >](#)

Location	Land Use	Year of mapping	Mapping scale
141m SW	Railway	1913	-
153m S	Railway	1932	-
153m S	Railway	1910	-
156m SW	Railway Sidings	1901	10560
161m S	Railway Sidings	1933	10560
162m S	Railway Sidings	1994	10000
162m S	Railway Sidings	1989	10000
164m S	Railway Sidings	1938	10560
164m S	Railway Sidings	1913	10560
165m S	Railway Sidings	1979	10000
165m S	Railway Sidings	1962	10560
165m S	Railway Sidings	1973	10000
166m S	Railway Sidings	1938	10560
167m S	Railway Sidings	1961	2500
168m S	Railway Sidings	1988	1250
169m S	Railway Sidings	1959	1250
169m S	Railway Sidings	1970	1250



Location	Land Use	Year of mapping	Mapping scale
169m S	Railway Sidings	1959	1250
169m S	Railway Sidings	1961	2500
171m S	Railway Sidings	1931	2500
171m S	Railway Sidings	1912	2500
171m S	Railway Sidings	1986	1250
171m S	Railway Sidings	1993	1250
172m S	Railway	1931	-
172m S	Railway	1900	-
181m S	Railway	1879	-
182m S	Railway Sidings	1898	10560
185m SW	Railway Sidings	1971	1250
187m S	Railway Sidings	1879	2500
188m S	Railway Sidings	1900	2500
189m S	Railway Sidings	1958	2500
206m S	Railway	1879	-
215m S	Railway Sidings	1933	10560
216m S	Railway Sidings	1994	1250
216m S	Railway Sidings	1996	1250
221m S	Railway Sidings	1879	500
221m S	Railway Sidings	1879	500
221m S	Railway Sidings	1900	2500
223m S	Railway Sidings	1959	1250
223m S	Railway Sidings	1933	10560
224m SW	Railway Sidings	1986	1250
224m SW	Railway Sidings	1993	1250
224m SW	Railway Sidings	1971	1250
233m S	Railway Sidings	1959	1250
233m S	Railway Sidings	1986	1250



Location	Land Use	Year of mapping	Mapping scale
233m S	Railway Sidings	1993	1250
234m S	Railway Sidings	1971	1250

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m

58

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways. Features are displayed on the Railway infrastructure and projects map on [page 136 >](#)

Location	Name	Type
165m SW	Reading Traincare Depot	rail
170m SW	Reading Traincare Depot	rail
175m SW	Reading Traincare Depot	rail
181m SW	Reading Traincare Depot	rail
186m SW	Reading Traincare Depot	rail
192m SW	Reading Traincare Depot	rail
198m SW	Great Western Main Line	rail



Location	Name	Type
199m S	Great Western Main Line	rail
201m SW		rail
201m SW	Not given	Multi Track
201m SW	Great Western Main Line	rail
201m S	Not given	Single Track
201m S	Not given	Multi Track
202m S	Great Western Main Line	rail
202m S	Reading Feeder Main Line	rail
202m S		rail
210m S	Not given	Single Track
212m S	Reading Feeder Relief Line	rail
217m SW	Not given	Single Track
220m SW	Great Western Main Line	rail
220m S	Great Western Main Line	rail
220m S	Not given	Multi Track
220m S	Great Western Main Line	rail
222m SW	Not given	Single Track
223m SW	Great Western Main Line	rail
224m S	Great Western Main Line	rail
224m S	Great Western Main Line	rail
224m SW	Not given	Multi Track
224m S	Great Western Main Line	rail
225m SW	Not given	Multi Track
227m S	Great Western Main Line	rail
228m S	Great Western Main Line	rail
228m S	Great Western Main Line	rail
228m S	Not given	Single Track
228m S	Not given	Single Track



Location	Name	Type
229m S	Reading to Plymouth Line	rail
229m S	Reading to Plymouth Line	rail
231m SW	Not given	Single Track
232m SE	Great Western Main Line	rail
232m SE	Great Western Main Line	rail
233m SW	Great Western Main Line	rail
233m S	Not given	Multi Track
234m S	Reading to Taunton line	rail
234m S	Reading to Taunton line	rail
234m S	Basingstoke Branch	rail
238m SE	Not given	Multi Track
238m SE	Not given	Single Track
238m S	Not given	Multi Track
240m SW	Great Western Main Line	rail
243m SE	Not given	Multi Track
243m SE	Not given	Single Track
243m SE	Great Western Main Line	rail
244m S	Basingstoke Branch	rail
244m SE	Not given	Multi Track
249m SE	Great Western Main Line	rail
249m SE	Great Western Main Line	rail
249m SW	Not given	Multi Track
249m SE	Reading Traincare Depot	rail

This data is sourced from Ordnance Survey and OpenStreetMap.



22.8 Crossrail 2

Records within 500m**0**

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

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m**0**

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

This data is sourced from HS2 Ltd.



Data providers

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

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.



APPENDIX 3 – OS HISTORICAL MAPS

Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1877

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1877
Revised 1877
Edition N/A
Copyright N/A
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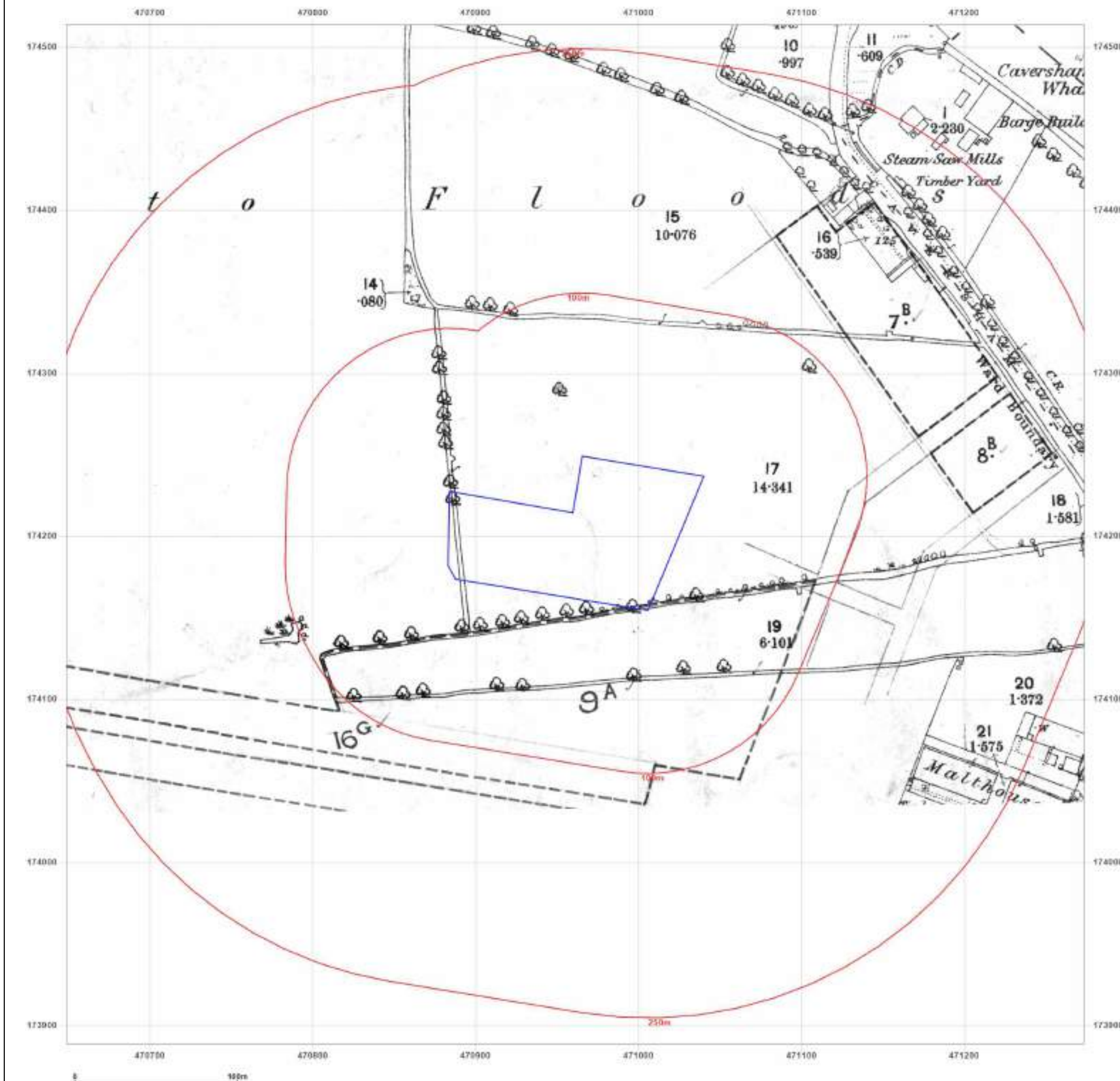


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1879-1881

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1881
Revised 1881
Edition N/A
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Levelled N/A

Surveyed 1879
Revised 1879
Edition N/A
Copyright N/A
Levelled N/A

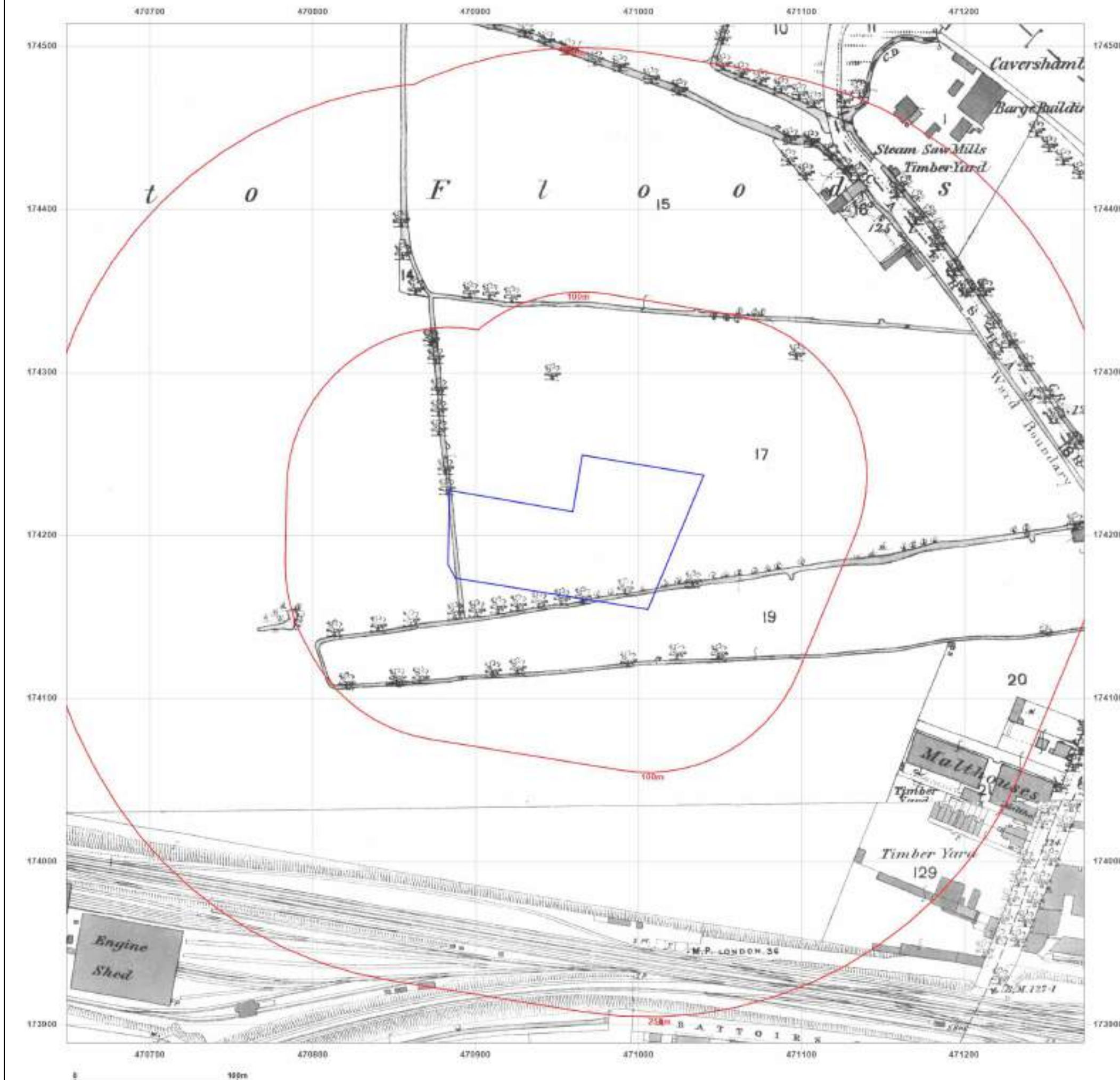


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Site Details:

MEADOW ROAD, READING, RG1 8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1899-1900

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1899
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 Edition N/A
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Surveyed 1900
 Revised 1900
 Edition N/A
 Copyright N/A
 Levelled N/A

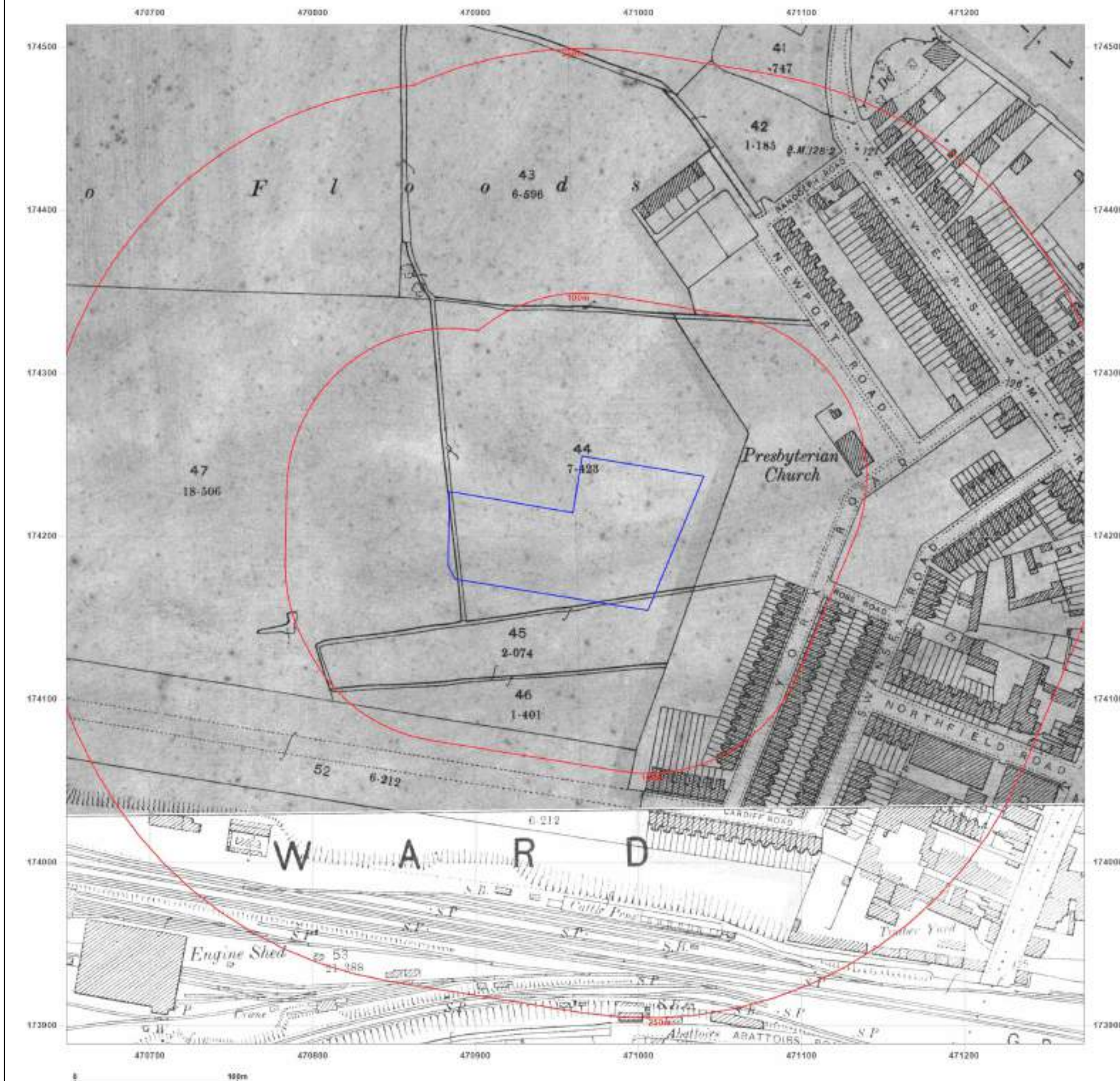


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1912-1913

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1913
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Surveyed 1912
Revised 1912
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MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1932

Scale: 1:2,500

Printed at: 1:2,500



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

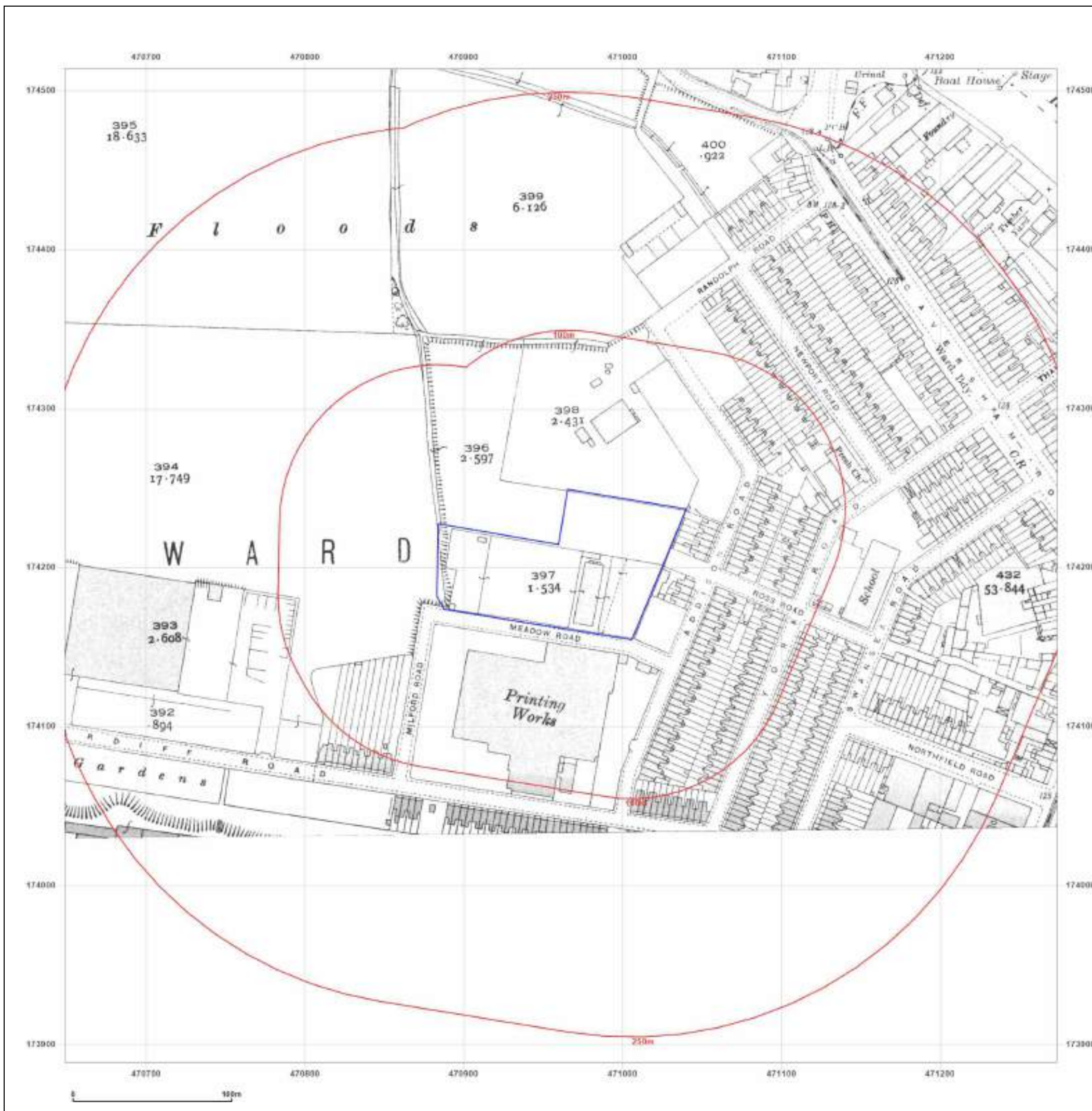


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1931-1936

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1936
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Surveyed 1931
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1957-1958

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1956
Revised 1956
Edition 1957
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Levelled 1951

Surveyed 1957
Revised 1957
Edition 1958
Copyright N/A
Levelled 1951

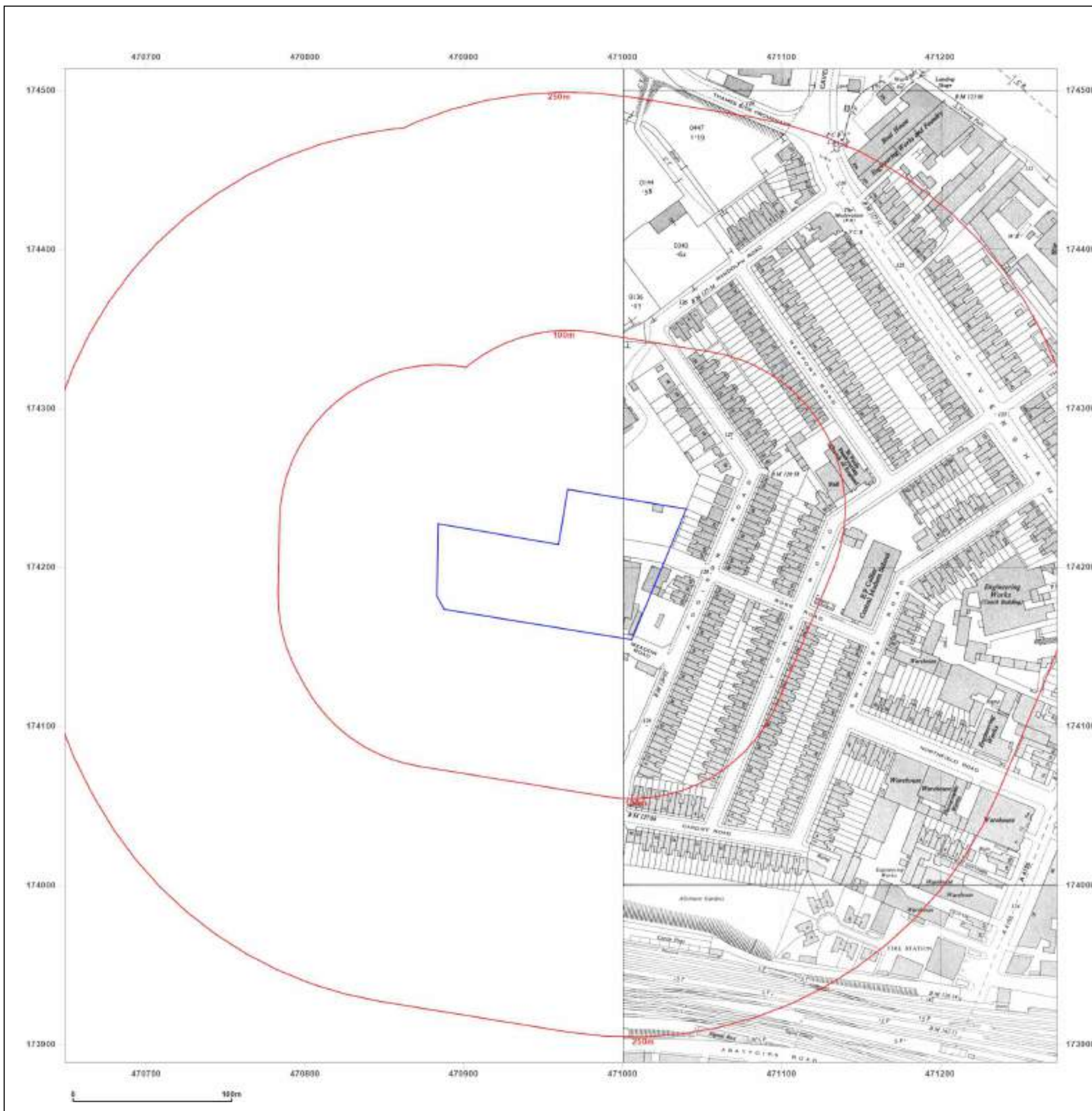


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1956-1959

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1958
Revised 1959
Edition N/A
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Surveyed 1956
Revised 1956
Edition N/A
Copyright N/A
Levelled 1951

Surveyed 1958
Revised 1958
Edition N/A
Copyright 1959
Levelled 1951

Surveyed 1957
Revised 1957
Edition N/A
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1961

Scale: 1:2,500

Printed at: 1:2,500



Surveyed 1959
Revised 1959
Edition 1961
Copyright 1961
Levelled 1951

Surveyed 1958
Revised 1958
Edition 1961
Copyright 1961
Levelled 1951

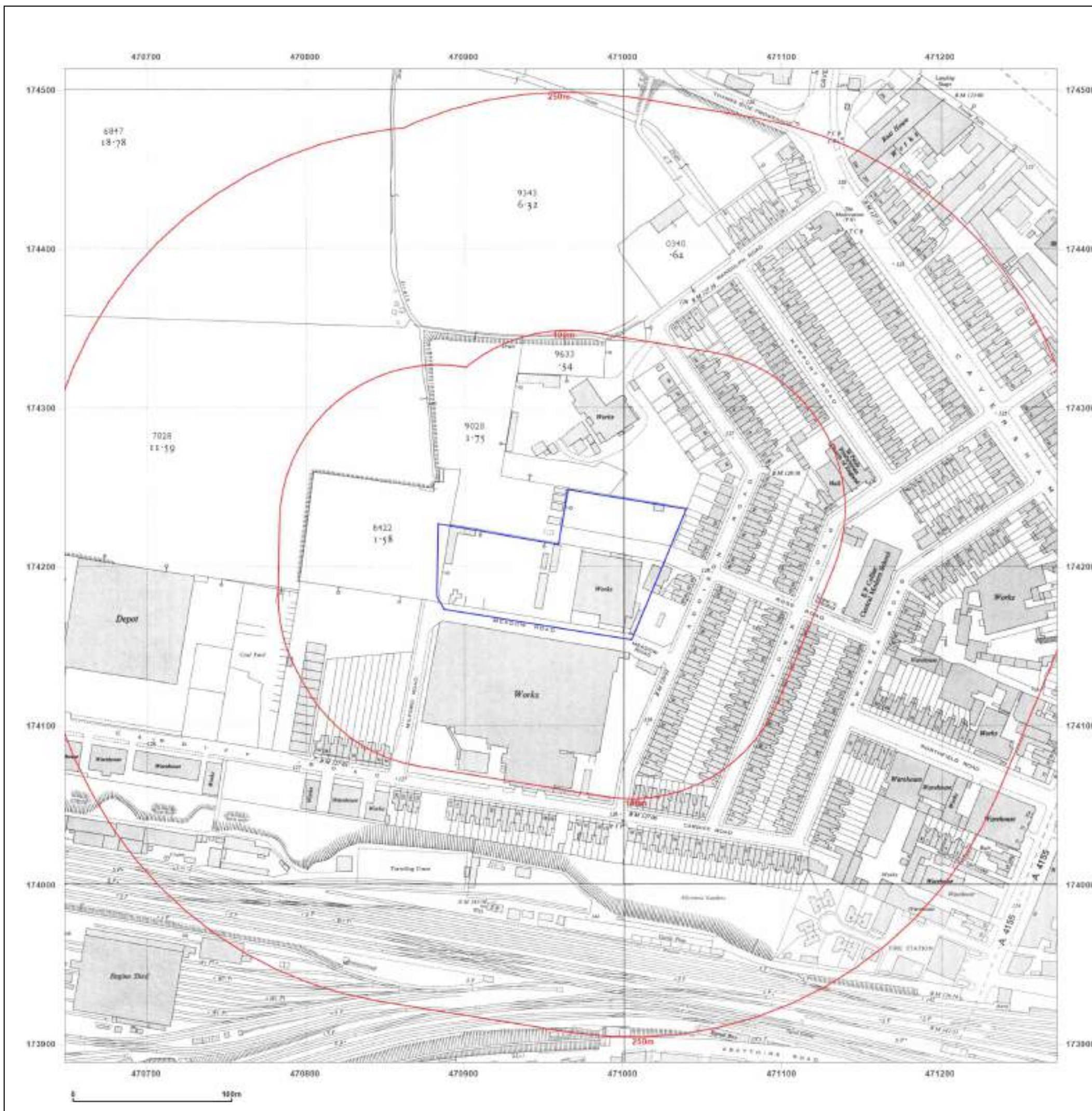


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1957-1962

Scale: 1:1,250

Printed at: 1:2,000



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

MEADOW ROAD, READING, RG1 8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1969-1971

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1958
 Revised 1969
 Edition N/A
 Copyright 1970
 Levelled 1951

Surveyed 1958
 Revised 1970
 Edition N/A
 Copyright 1971
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Surveyed 1958
 Revised 1971
 Edition N/A
 Copyright 1971
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Surveyed 1957
 Revised 1958
 Edition N/A
 Copyright 1969
 Levelled 1951

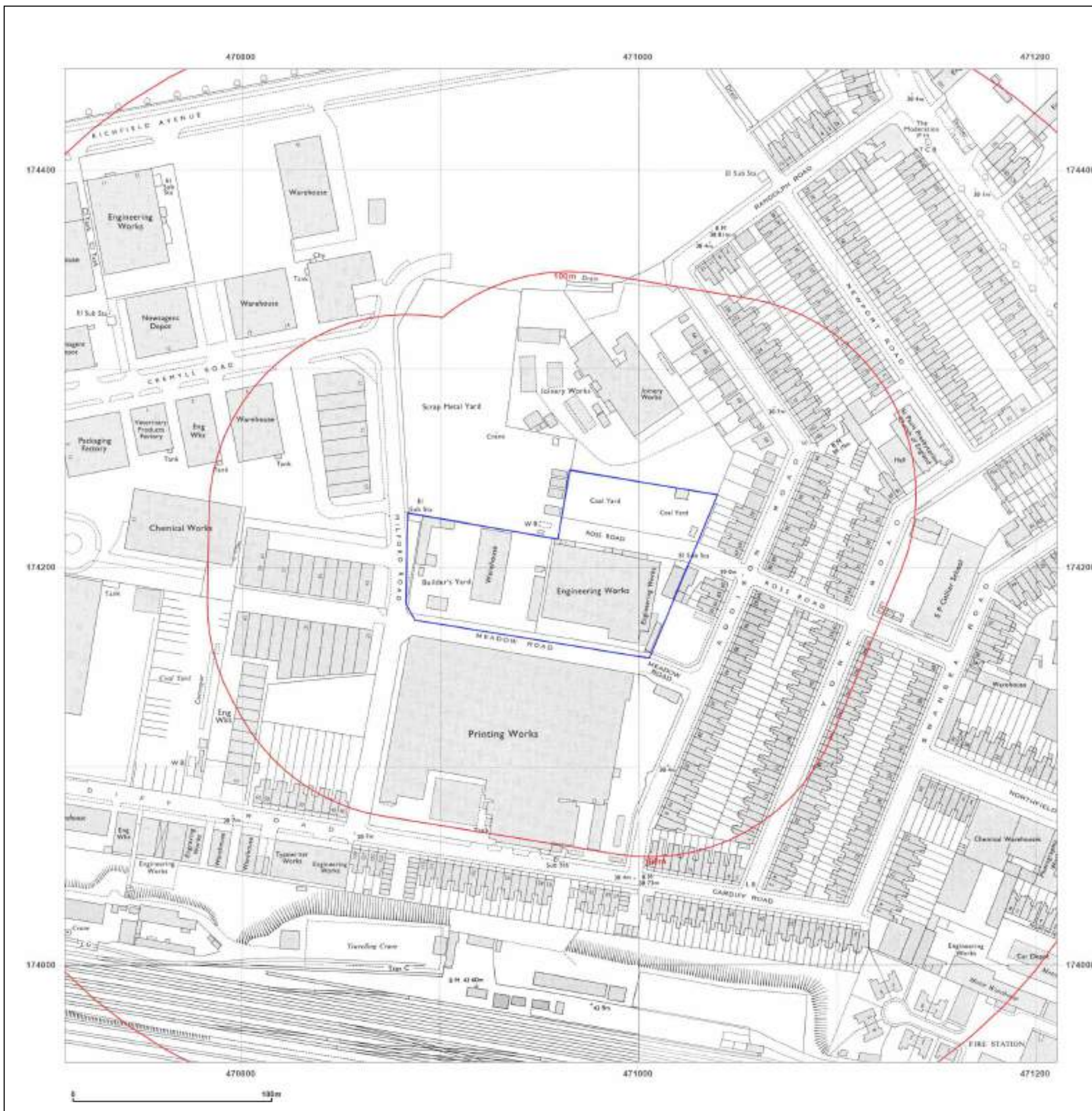


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1979-1982

Scale: 1:1,250

Printed at: 1:2,000



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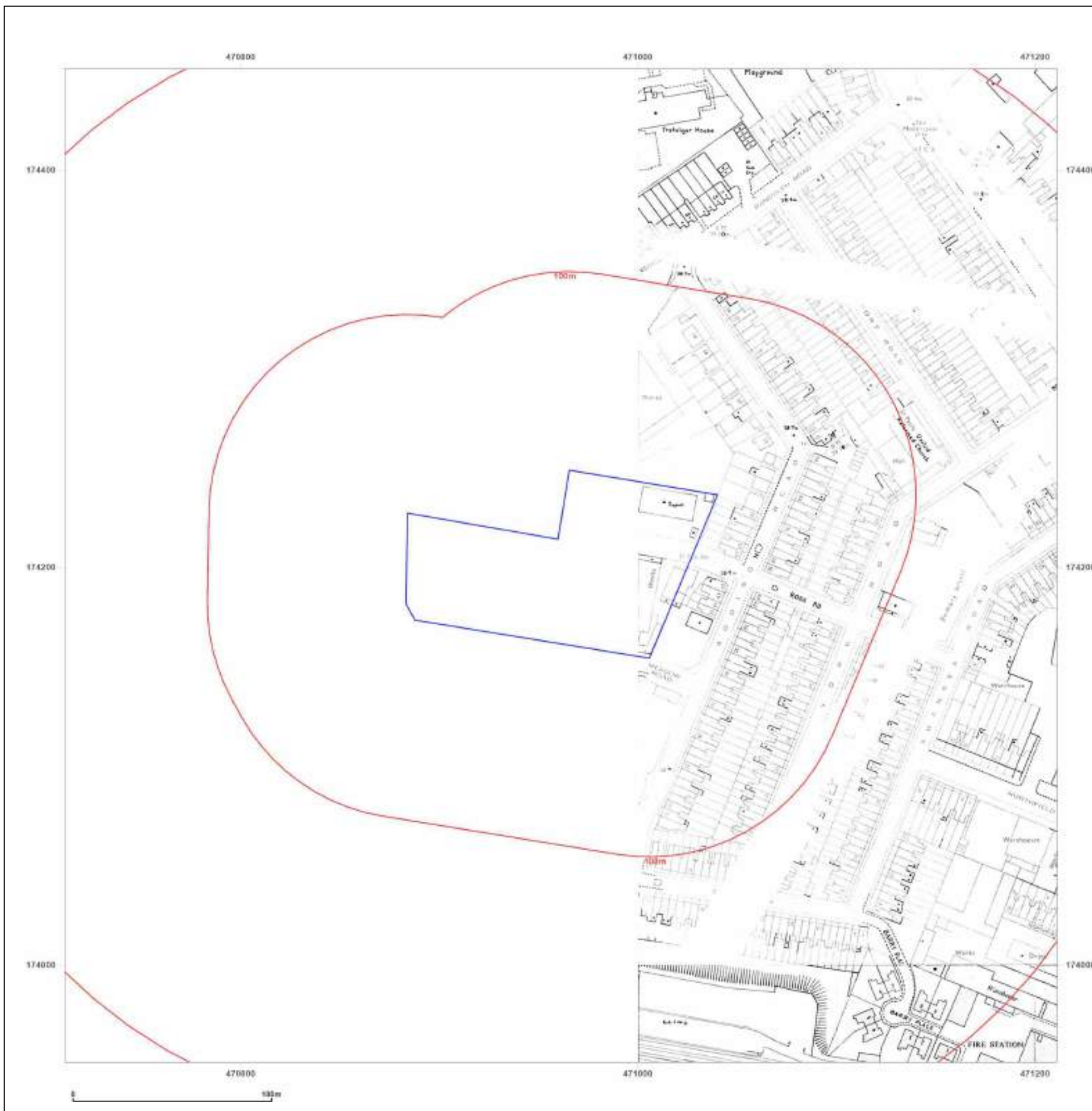


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8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1984-1988

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1973
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Edition N/A
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Surveyed 1973
Revised 1984
Edition N/A
Copyright 1984
Levelled 1973

Surveyed 1973
Revised 1988
Edition N/A
Copyright 1988
Levelled 1973

Surveyed 1957
Revised 1984
Edition N/A
Copyright 1986
Levelled 1973

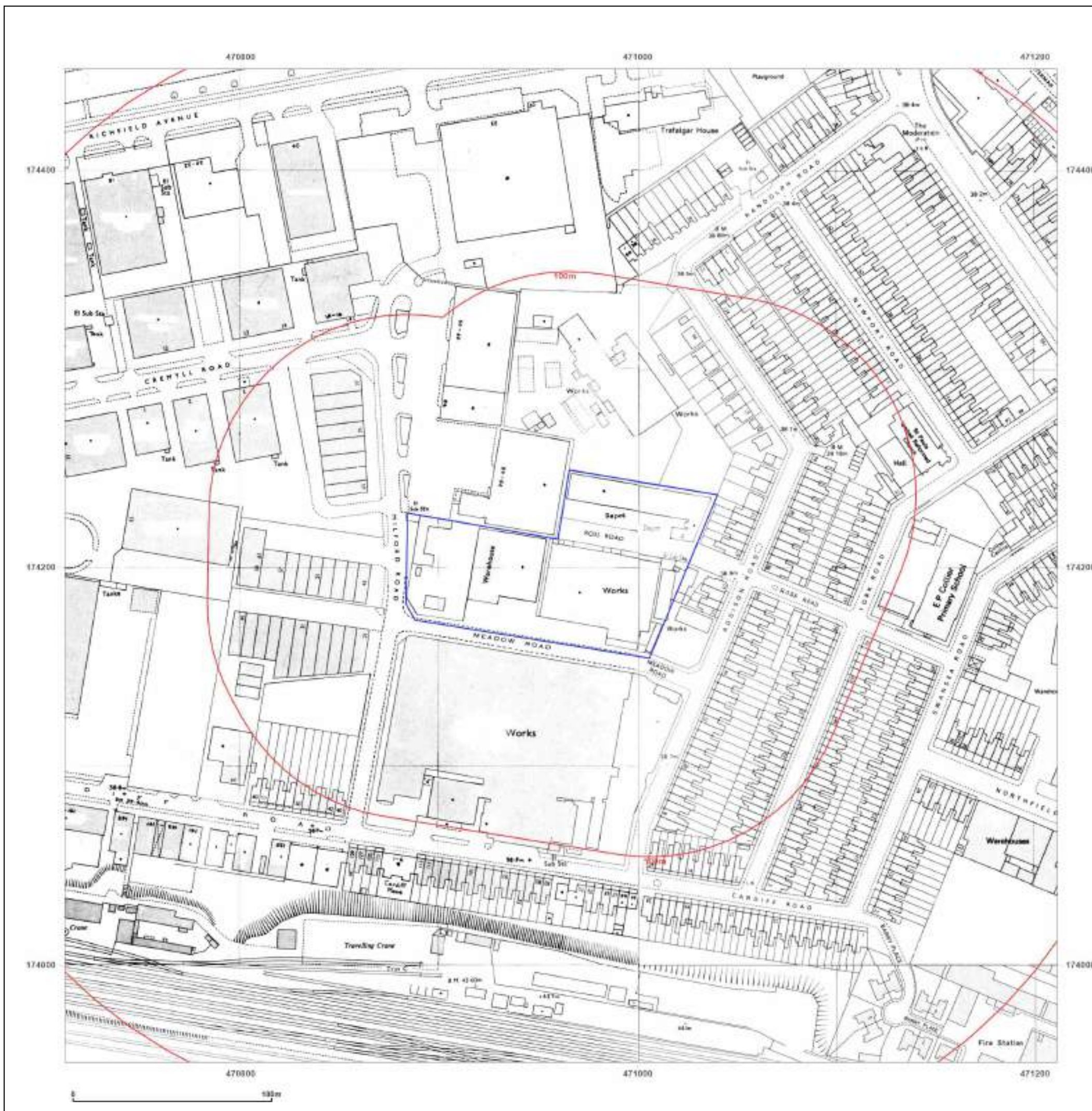


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8LB

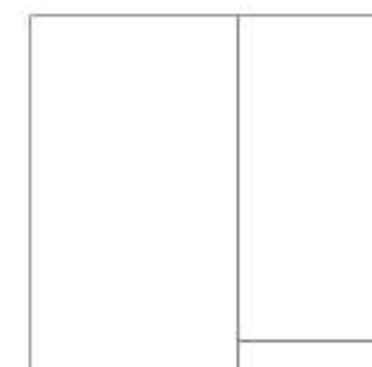
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Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1984-1988

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1953
Revised 1983
Edition N/A
Copyright 1984
Levelled 1973

Surveyed 1973
Revised 1988
Edition N/A
Copyright 1988
Levelled 1973

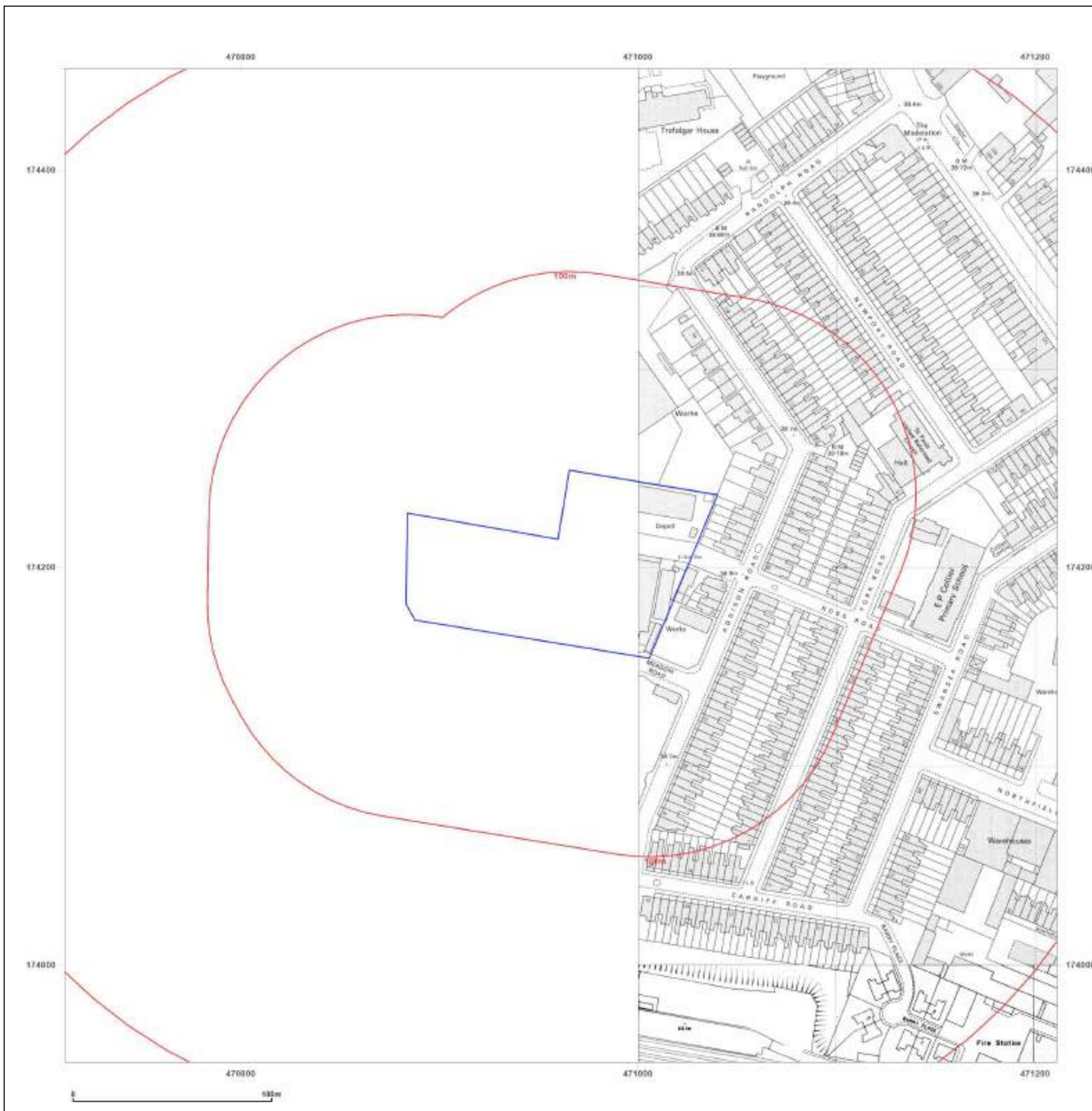


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Site Details:

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Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1989-1993

Scale: 1:1,250

Printed at: 1:2,000



Surveyed 1993
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 Edition N/A
 Copyright 1993
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Surveyed 1956
 Revised 1989
 Edition N/A
 Copyright 1984
 Levelled 1973

Surveyed 1973
 Revised 1993
 Edition N/A
 Copyright 1993
 Levelled 1973

Surveyed 1973
 Revised 1993
 Edition N/A
 Copyright 1993
 Levelled 1973

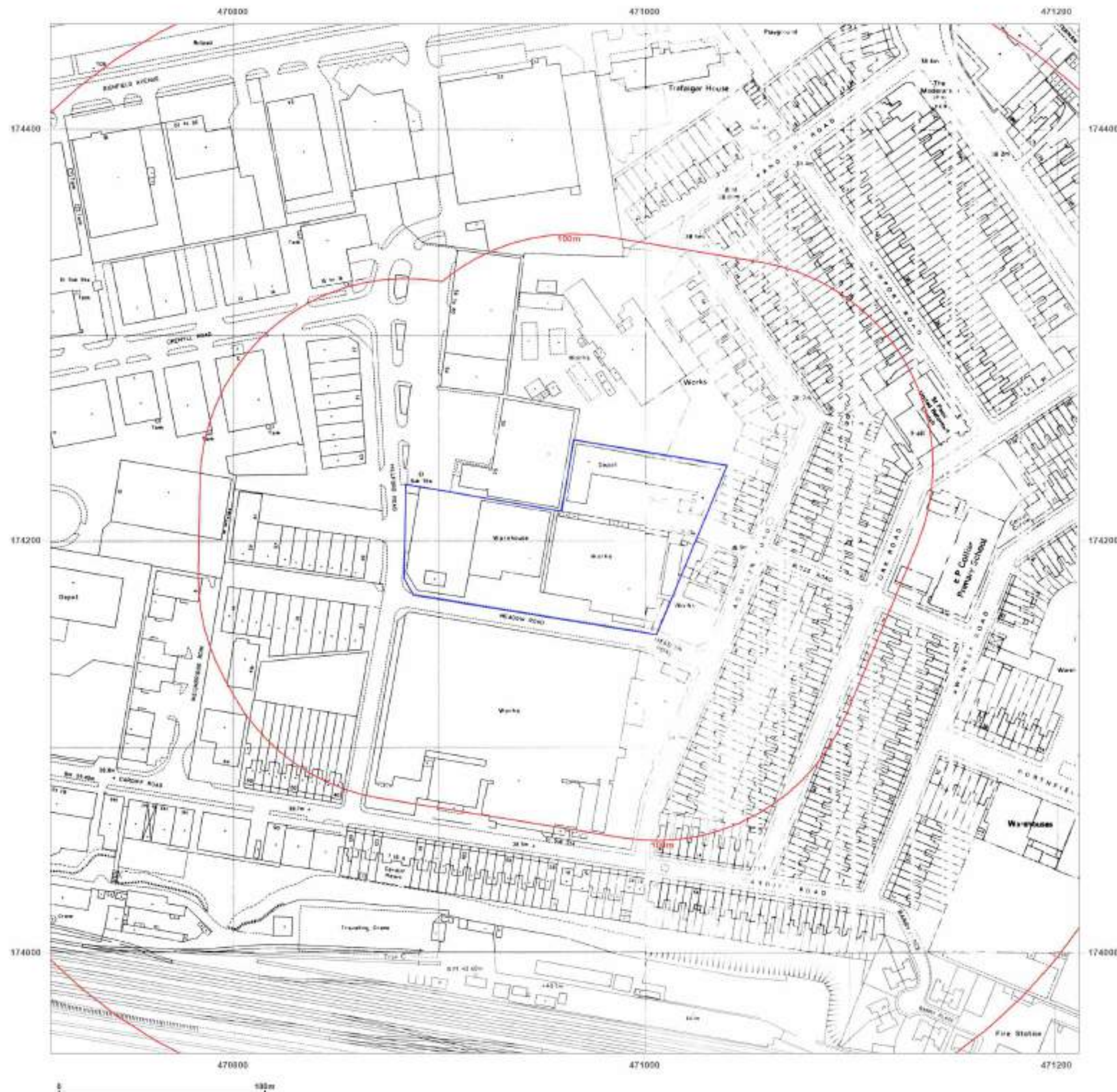


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1993

Scale: 1:1,250

Printed at: 1:2,000



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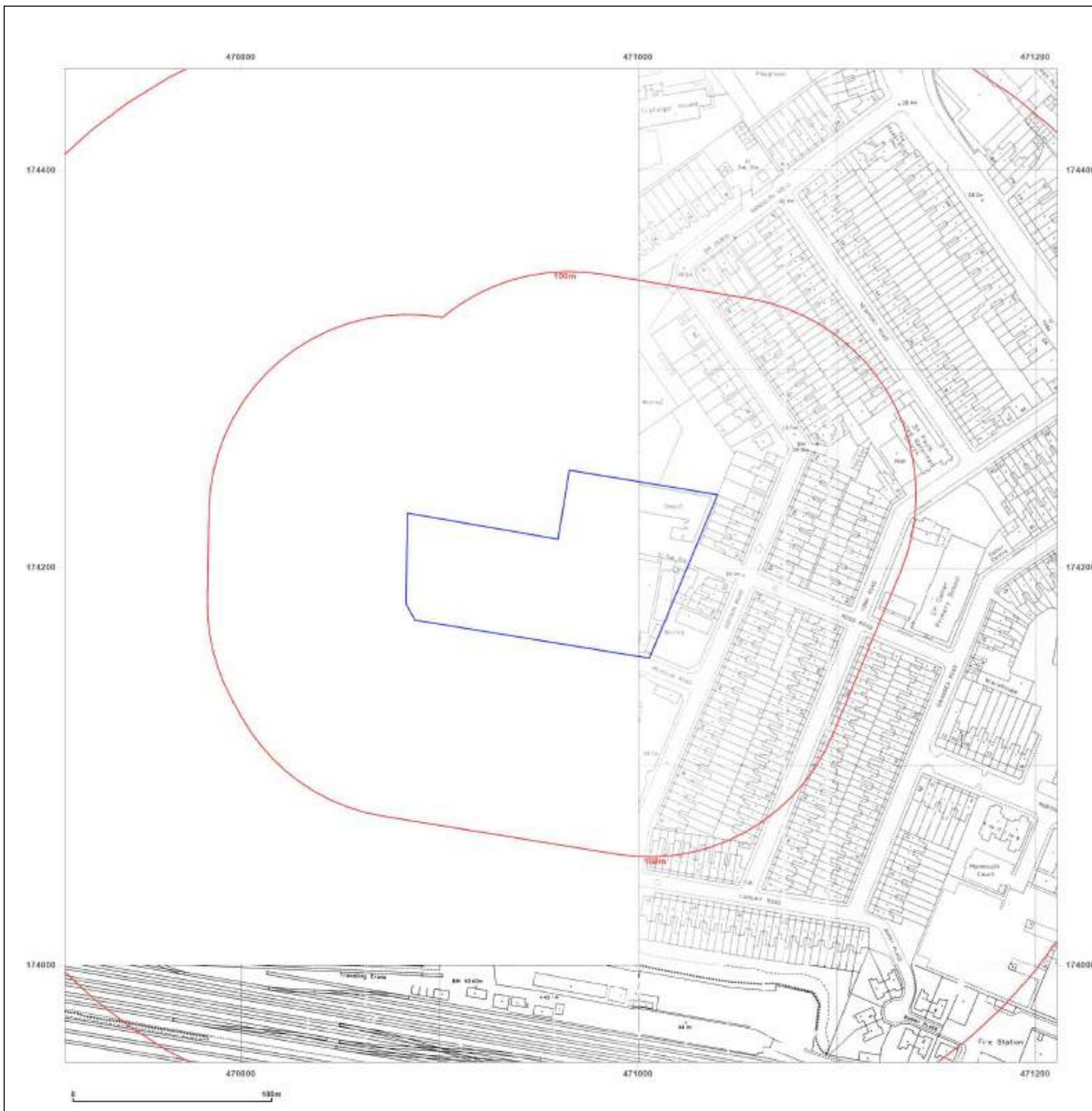


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Site Details:

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8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: LandLine

Map date: 2003

Scale: 1:1,250

Printed at: 1:1,250



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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1878

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1878
Revised 1878
Edition N/A
Copyright N/A
Levelled N/A

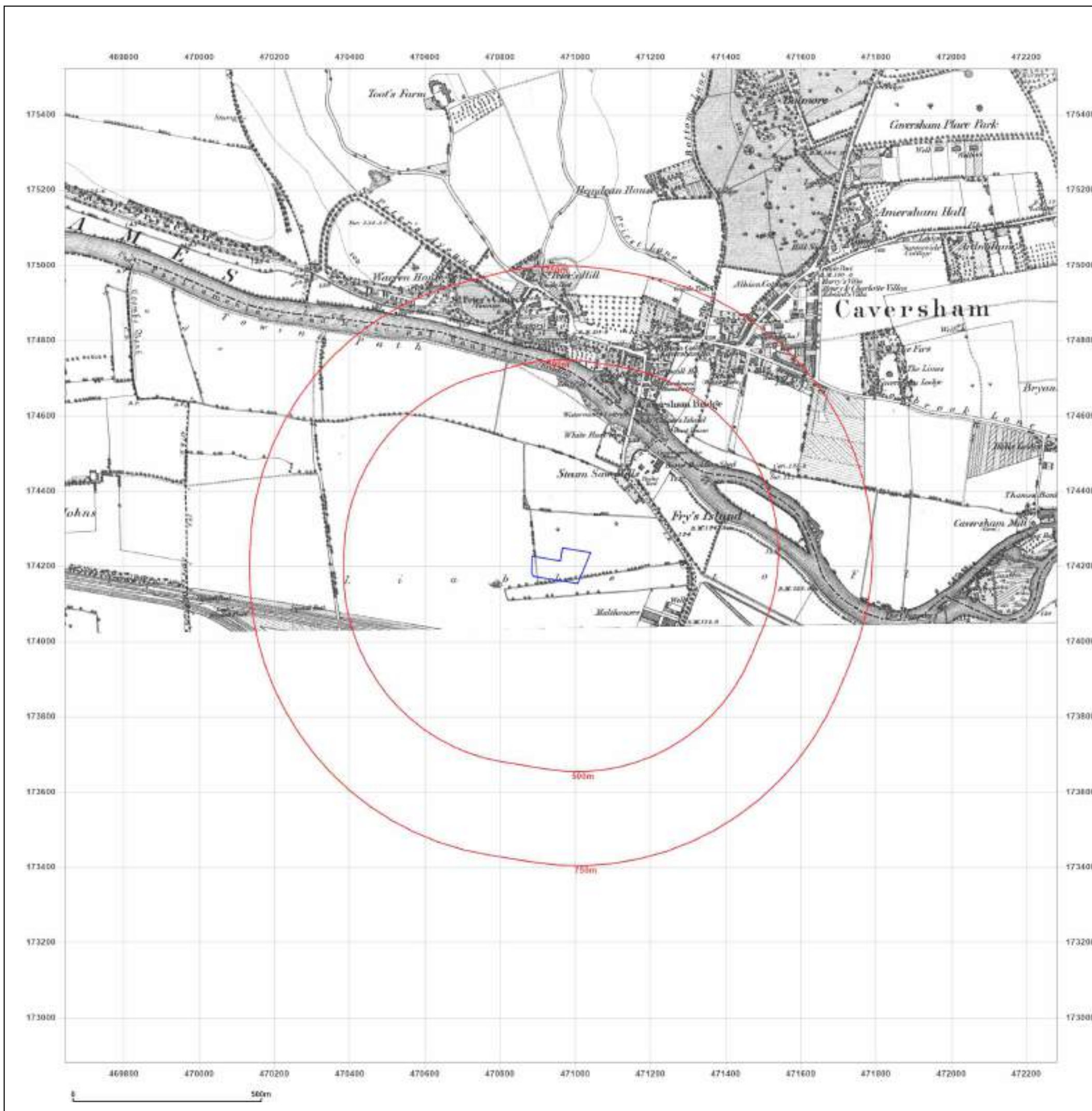


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1898-1900

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised N/A
Edition 1900
Copyright N/A
Levelled N/A

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

Surveyed 1877
Revised 1898
Edition 1900
Copyright N/A
Levelled N/A

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Revised 1898
Edition N/A
Copyright N/A
Levelled N/A

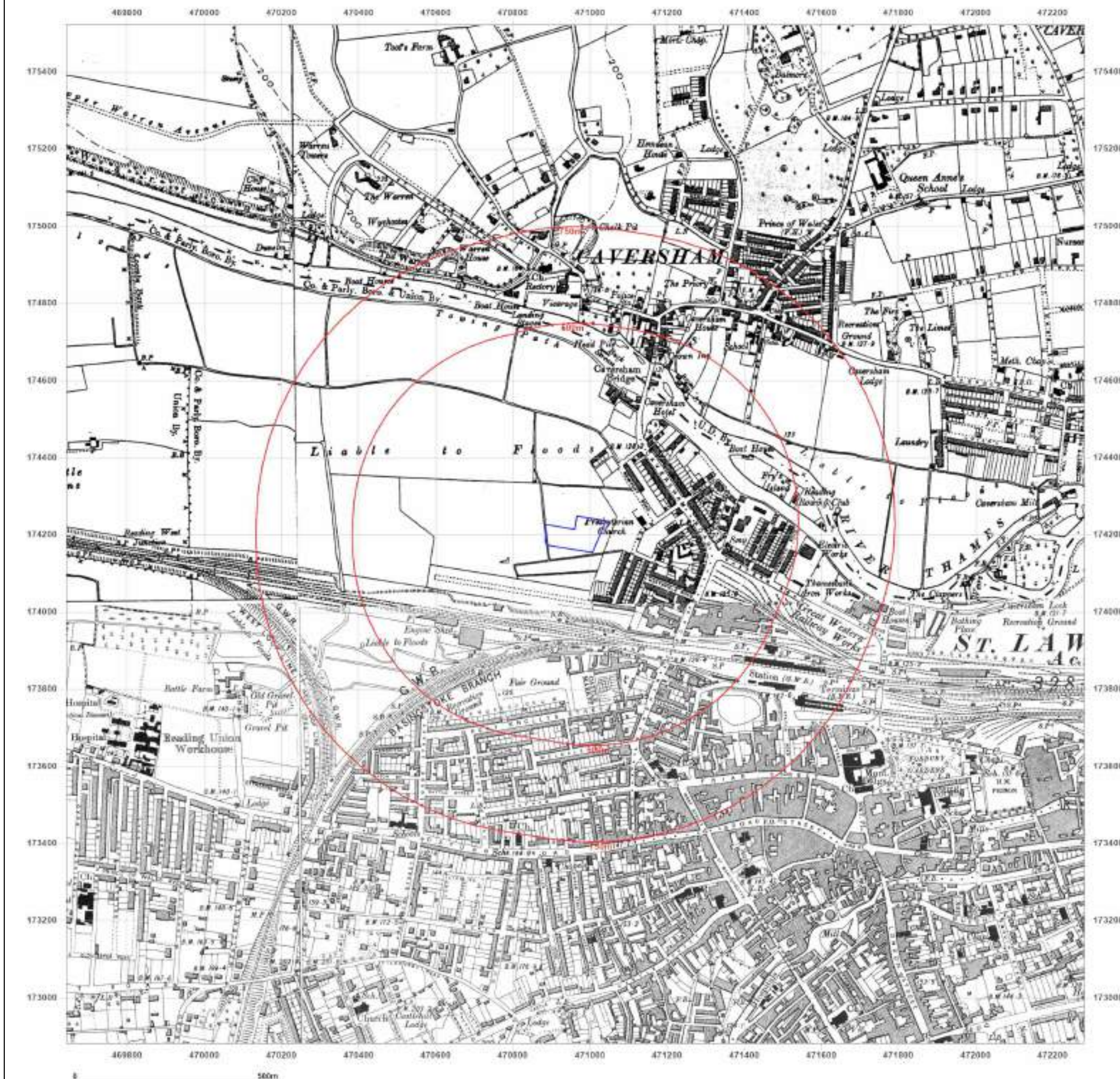


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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1897-1900

Scale: 1:10,560

Printed at: 1:10,560



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Surveyed 1877
Revised 1897
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
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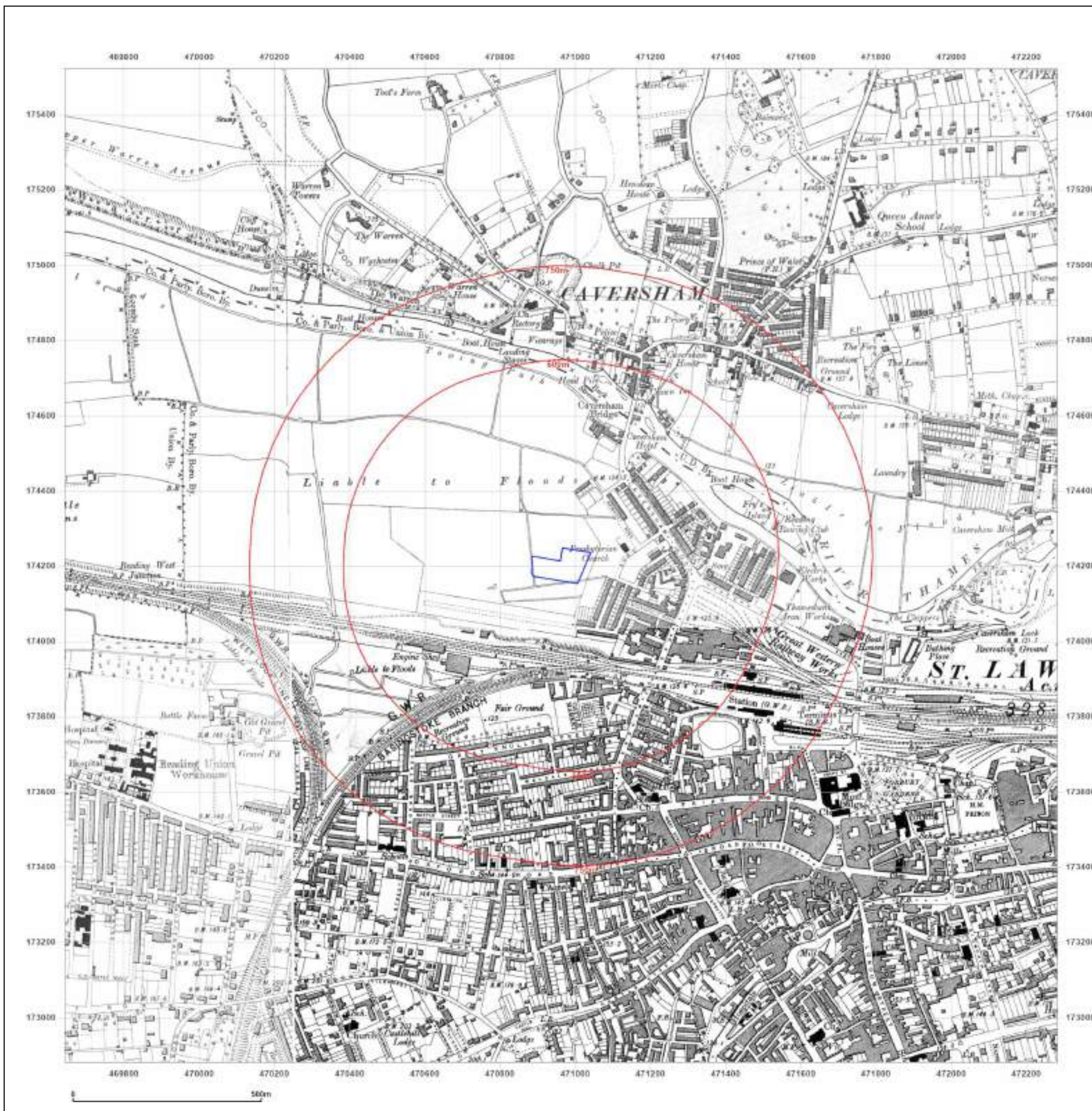


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Site Details:

MEADOW ROAD, READING, RG1
8LB

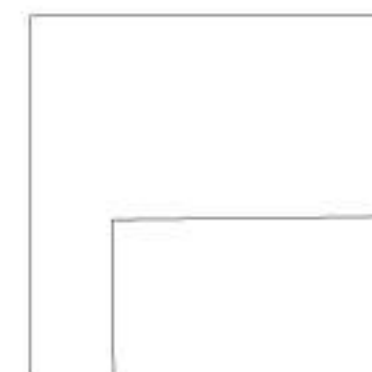
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Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1900

Scale: 1:10,560

Printed at: 1:10,560



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

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1910

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1877
Revised 1910
Edition N/A
Copyright N/A
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Surveyed 1877
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1910
Edition N/A
Copyright N/A
Levelled N/A

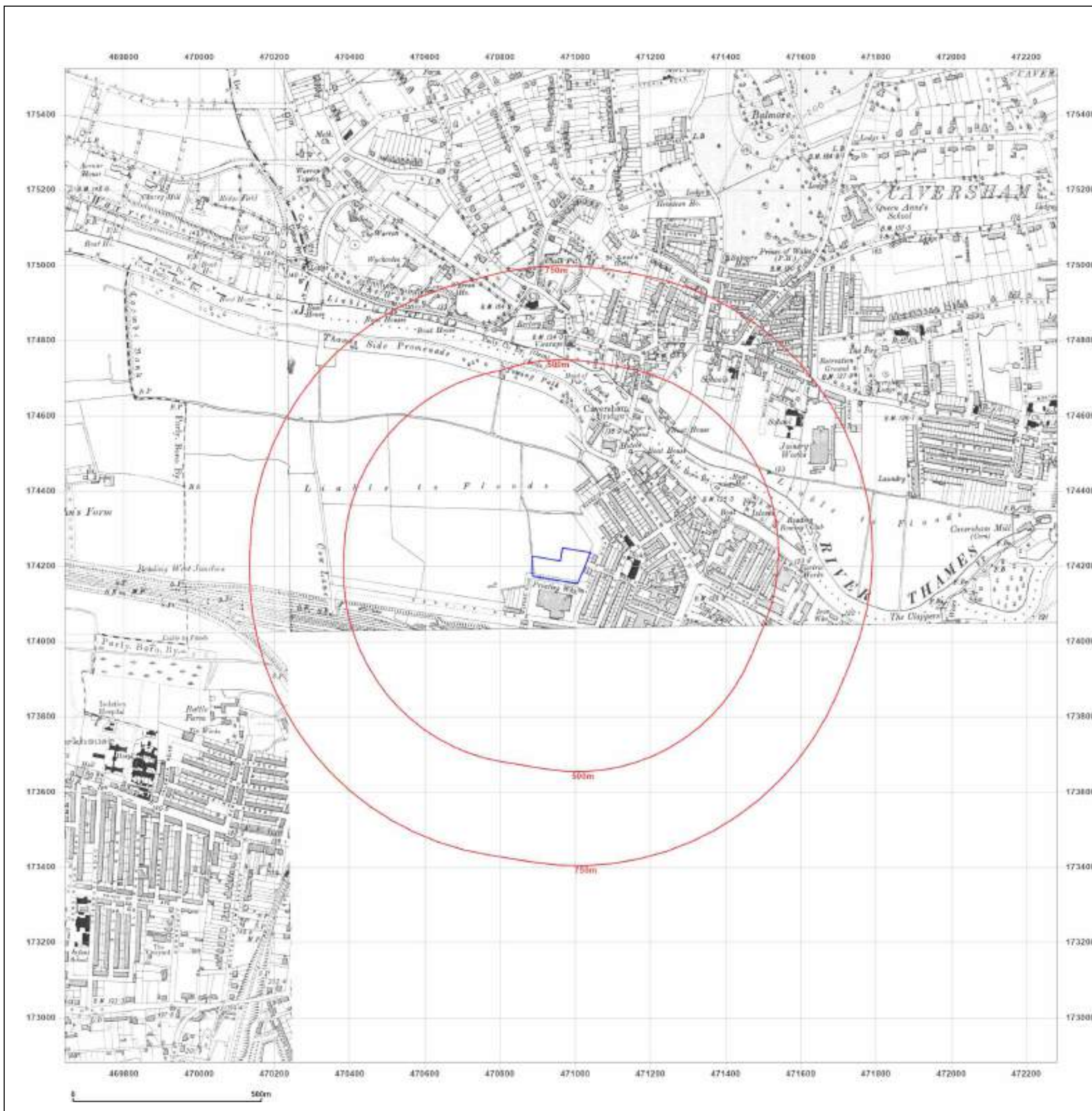


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Site Details:

MEADOW ROAD, READING, RG1 8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

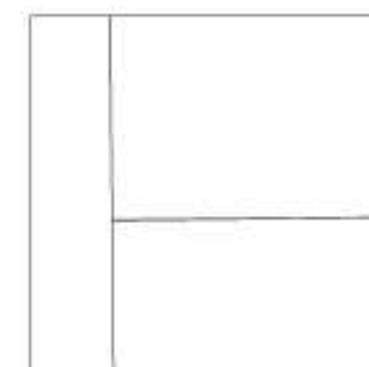
Map date: 1913-1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1877
 Revised 1910
 Edition 1914
 Copyright N/A
 Levelled N/A



Surveyed 1877
 Revised 1910
 Edition 1913
 Copyright N/A
 Levelled N/A

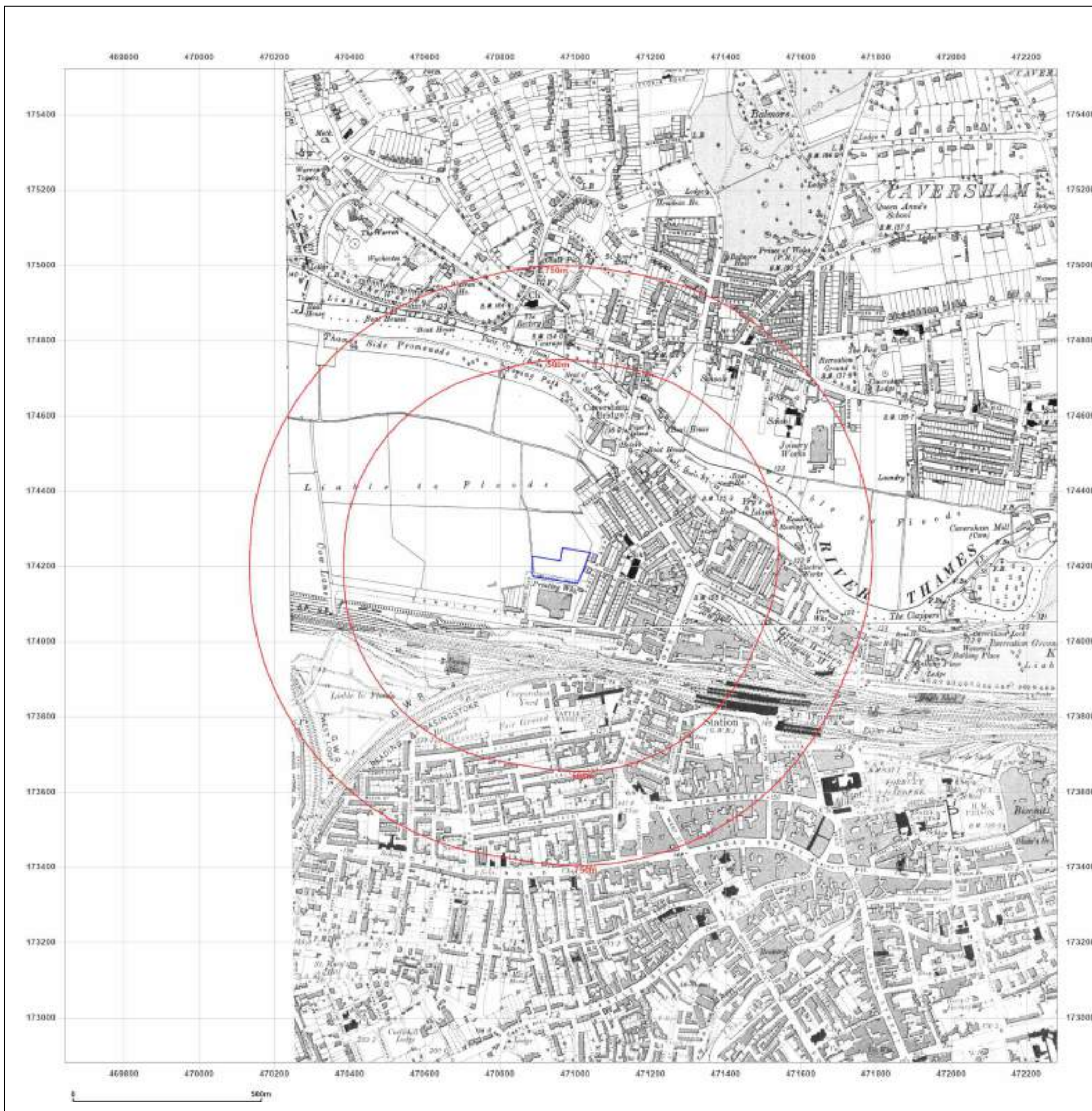


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Site Details:

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8LB

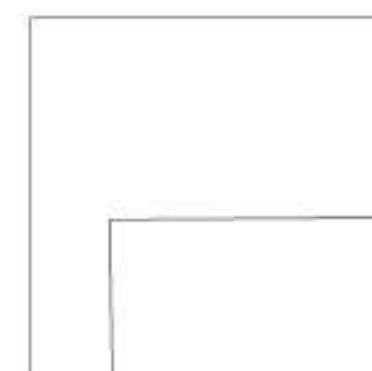
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Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

Map date: 1914

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised 1914
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

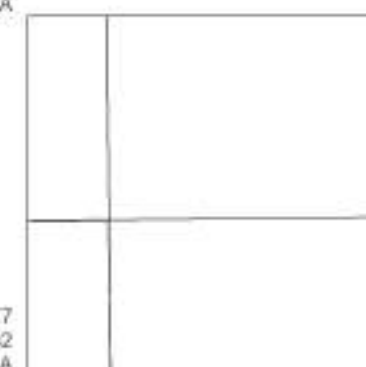
Map date: 1932-1933

Scale: 1:10,560

Printed at: 1:10,560



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



Surveyed 1877
Revised 1932
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1877
Revised 1933
Edition N/A
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W: www.groundsure.com

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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: County Series

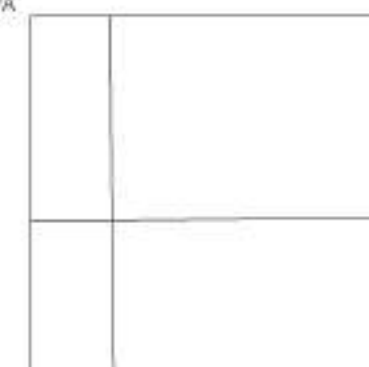
Map date: 1938

Scale: 1:10,560

Printed at: 1:10,560



Surveyed N/A
Revised N/A
Edition 1938
Copyright N/A
Levelled N/A



Surveyed 1877
Revised 1938
Edition 1938
Copyright N/A
Levelled N/A

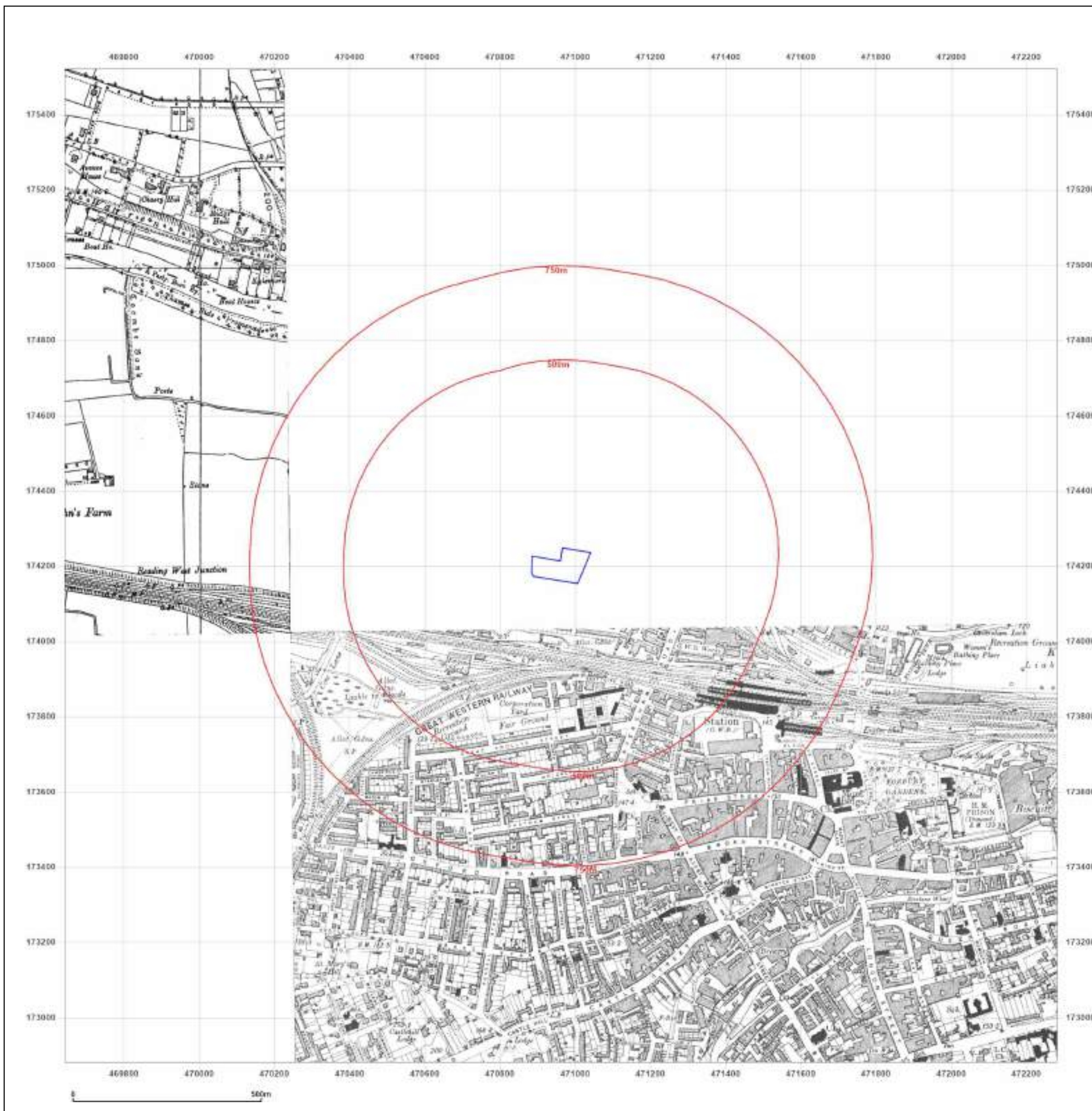


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Production date: 27 May 2025

Map legend available at:
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: Provisional

Map date: 1960-1962

Scale: 1:10,560

Printed at: 1:10,560



Surveyed 1956
Revised 1956
Edition N/A
Copyright 1960
Levelled N/A

Surveyed 1877
Revised 1956
Edition N/A
Copyright 1961
Levelled N/A

Surveyed N/A
Revised 1960
Edition 1961
Copyright 1961
Levelled N/A

Surveyed 1959
Revised 1961
Edition N/A
Copyright 1962
Levelled N/A

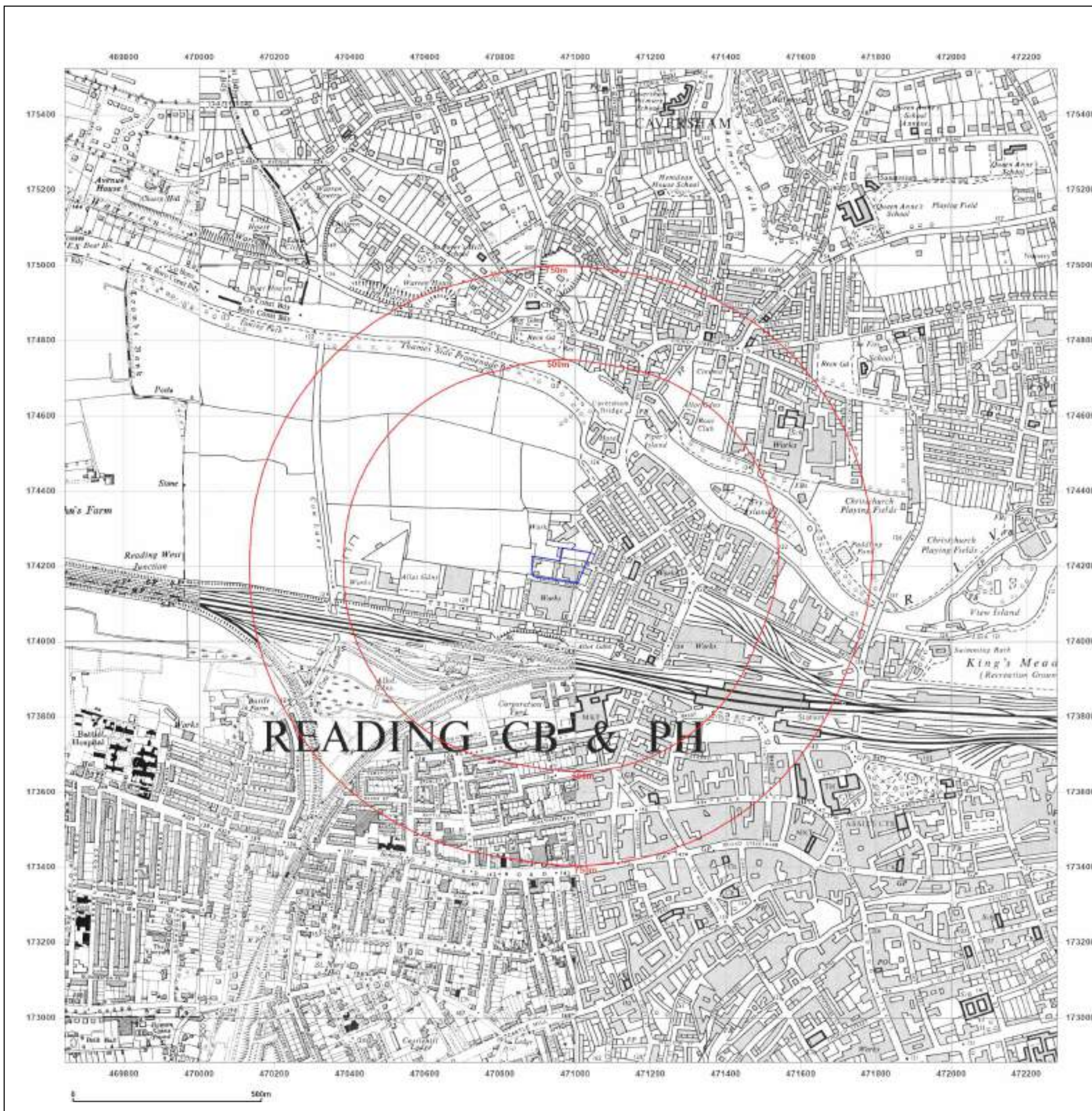


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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1970-1973

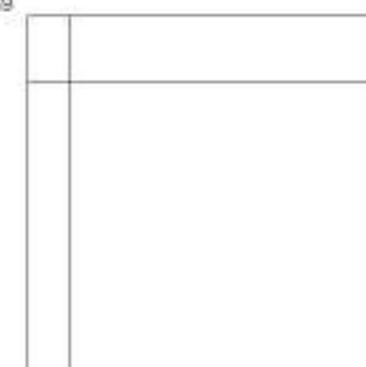
Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1968
Revised 1970
Edition N/A
Copyright 1970
Levelled 1989

Surveyed 1971
Revised 1973
Edition N/A
Copyright 1973
Levelled 1989



Surveyed 1970
Revised 1973
Edition N/A
Copyright 1973
Levelled N/A

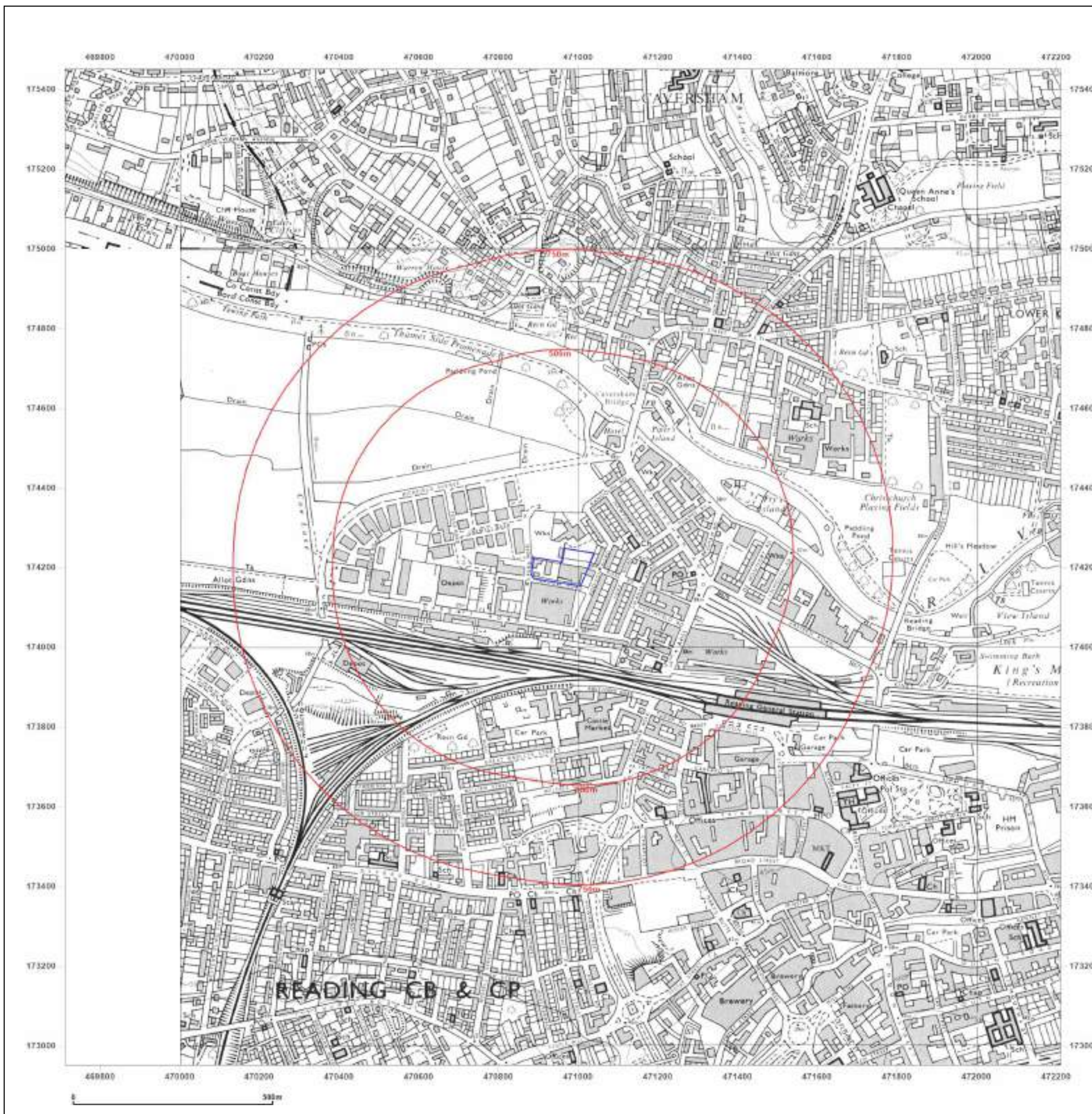


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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1976-1979

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1973
Revised 1975
Edition N/A
Copyright 1976
Levelled 1989

Surveyed 1977
Revised 1979
Edition N/A
Copyright 1979
Levelled 1989

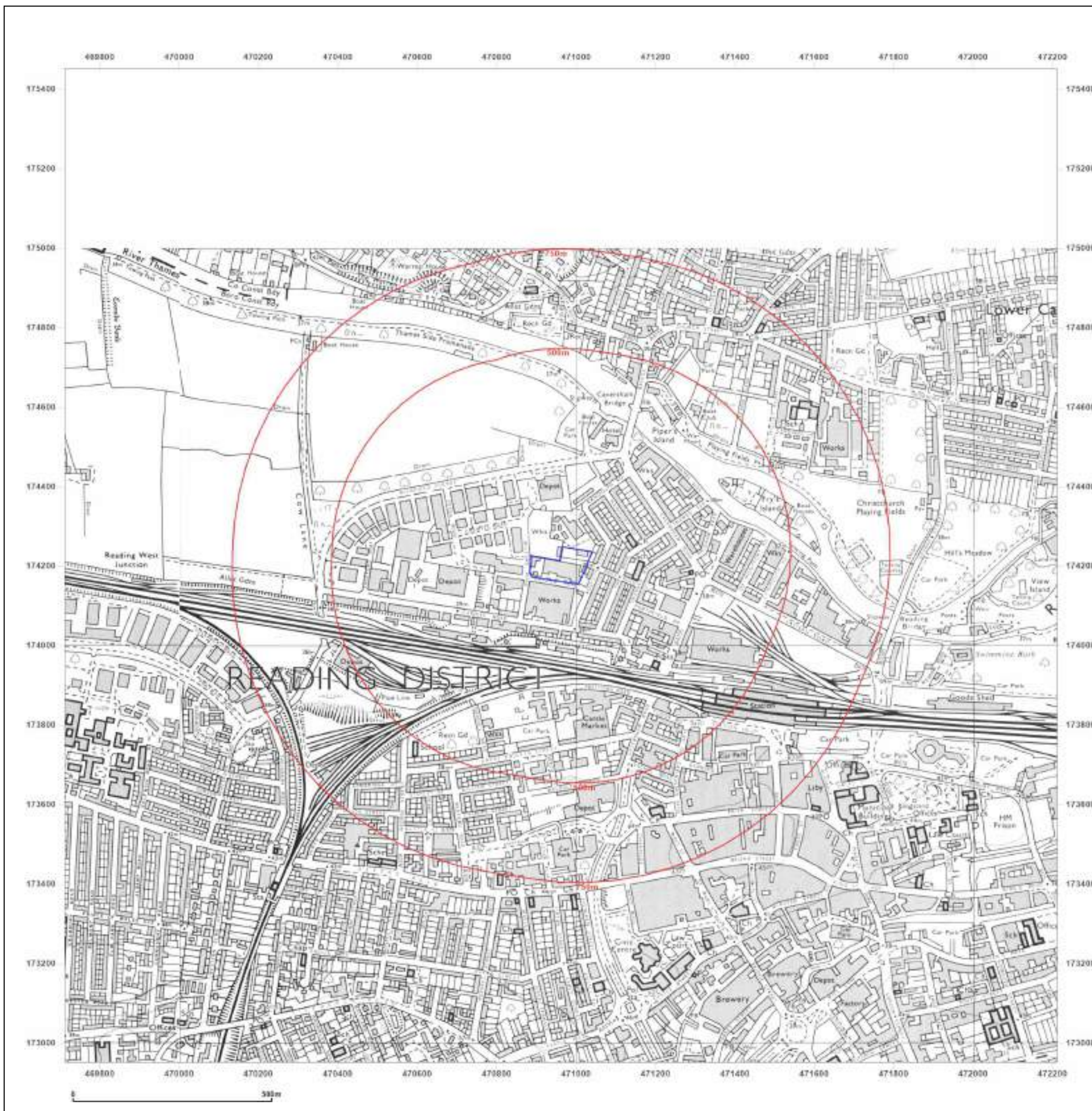


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Production date: 27 May 2025

Map legend available at:
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1989-1991

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1985
Revised 1990
Edition N/A
Copyright N/A
Levelled N/A

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

Surveyed 1967
Revised 1989
Edition N/A
Copyright N/A
Levelled N/A

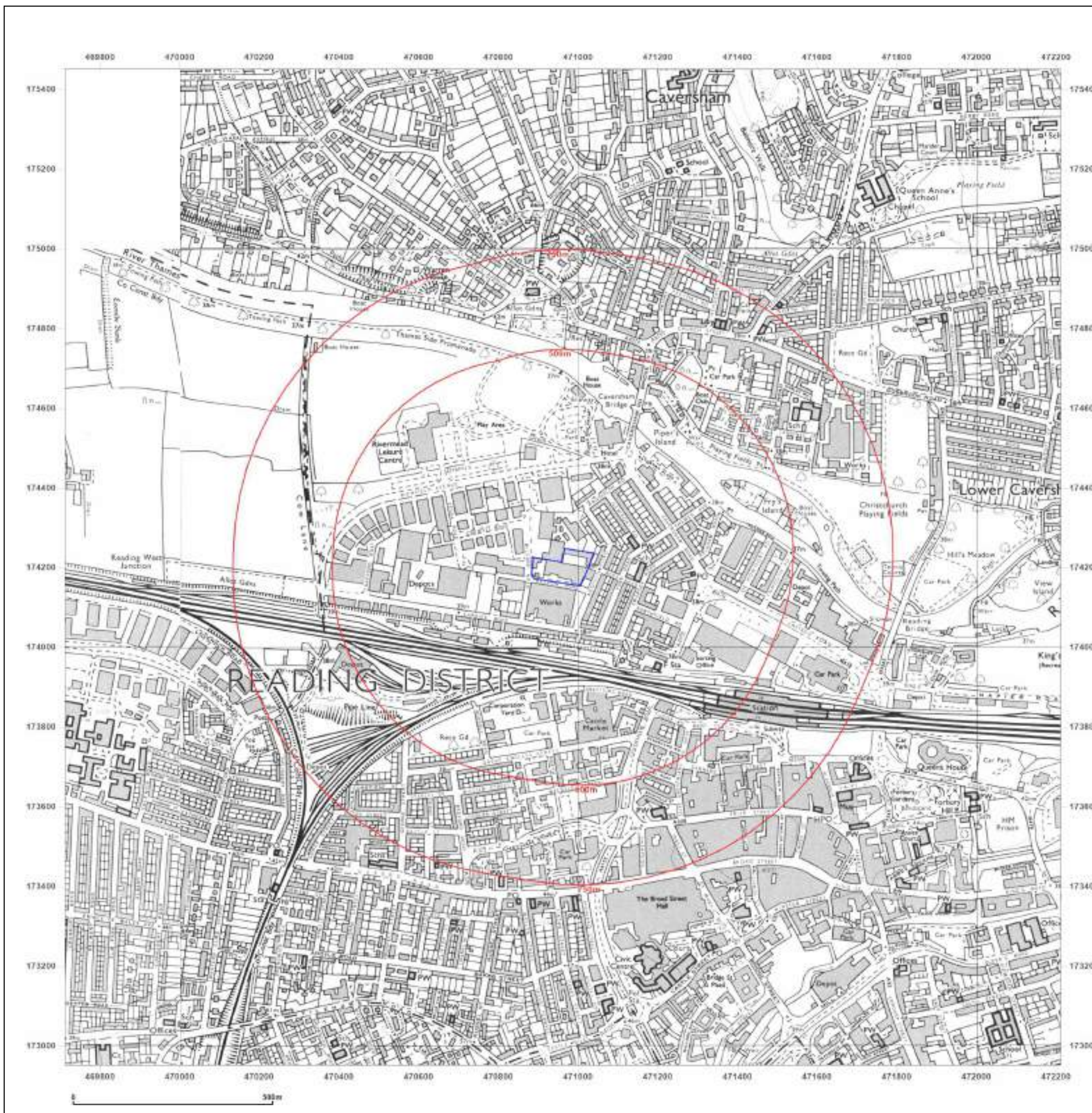


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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

MEADOW ROAD, READING, RG1
8LB

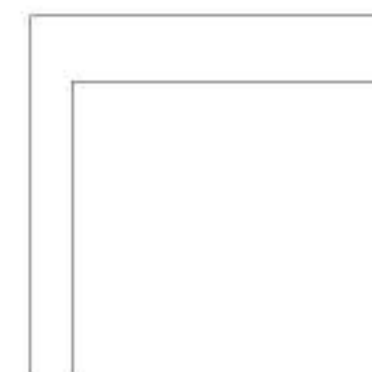
Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 1994

Scale: 1:10,000

Printed at: 1:10,000



Surveyed 1967
Revised 1994
Edition N/A
Copyright N/A
Levelled N/A



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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf

Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 2001

Scale: 1:10,000

Printed at: 1:10,000

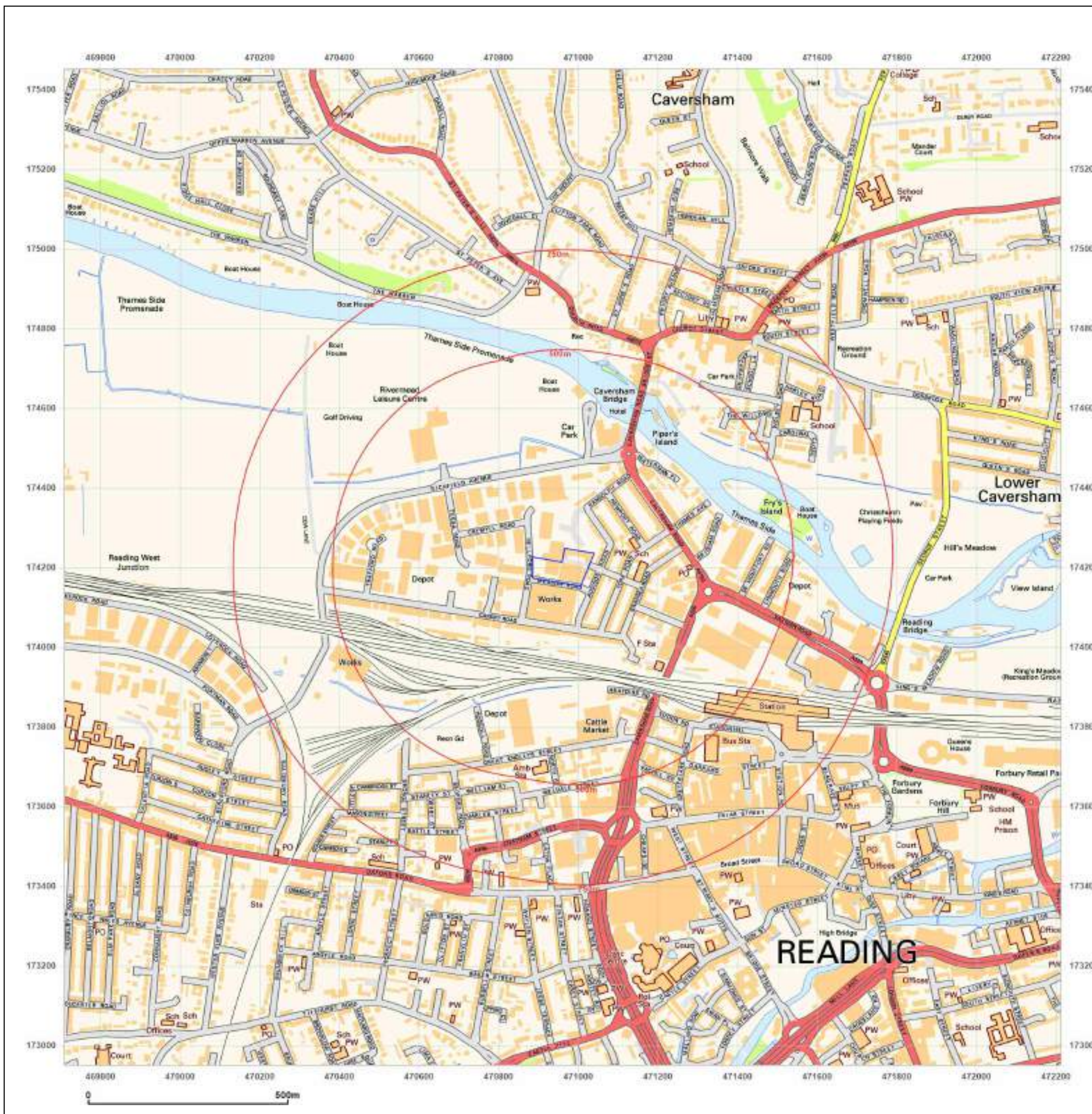


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Production date: 27 May 2025

Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 2010

Scale: 1:10,000

Printed at: 1:10,000

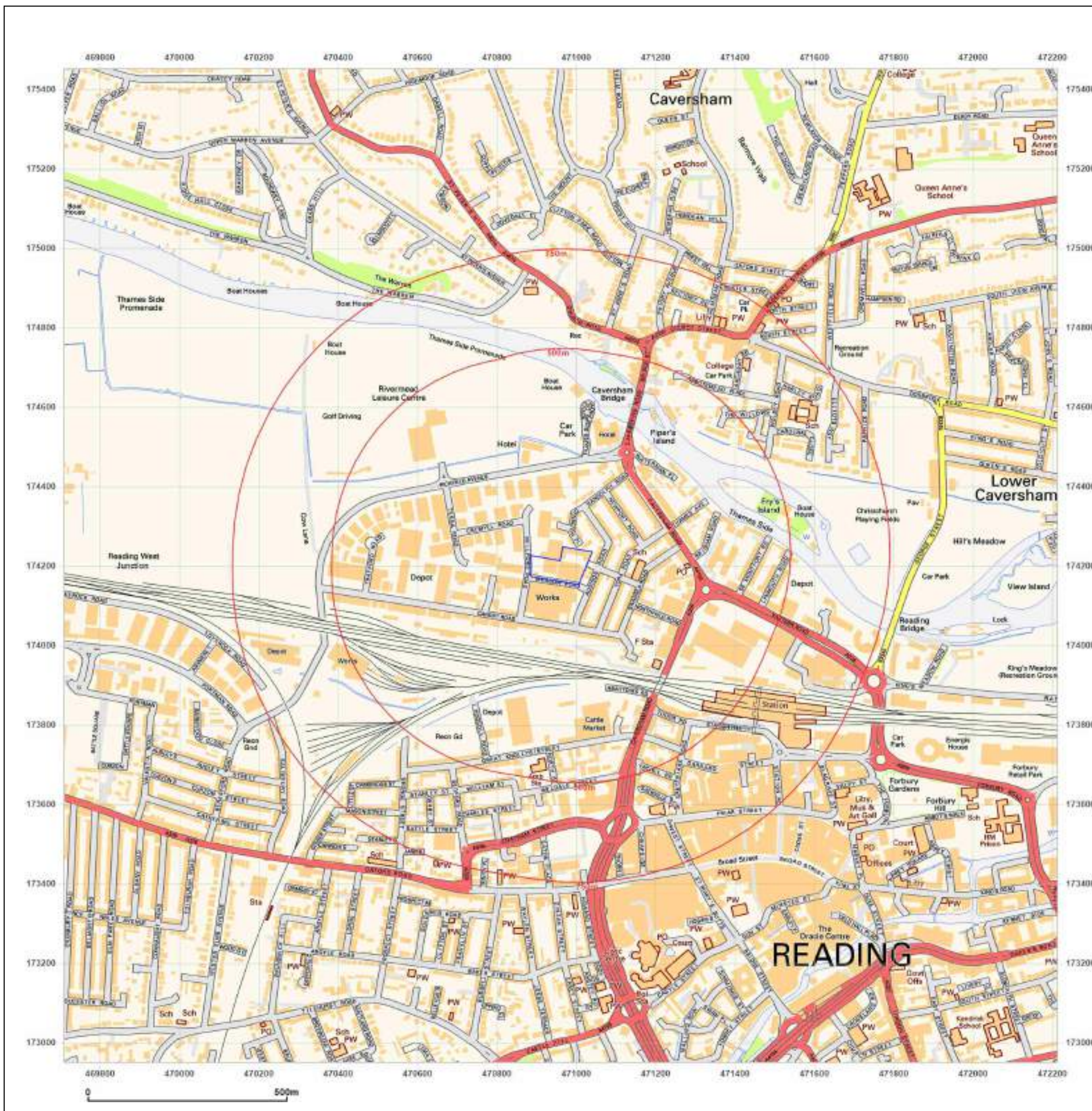


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Production date: 27 May 2025

Map legend available at:
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Site Details:

MEADOW ROAD, READING, RG1
8LB

Client Ref: P6365J3196 - Meadow Road
Report Ref: GS-D7P-ZKM-KIX-WLT
Grid Ref: 470961, 174201

Map Name: National Grid

Map date: 2025

Scale: 1:10,000

Printed at: 1:10,000

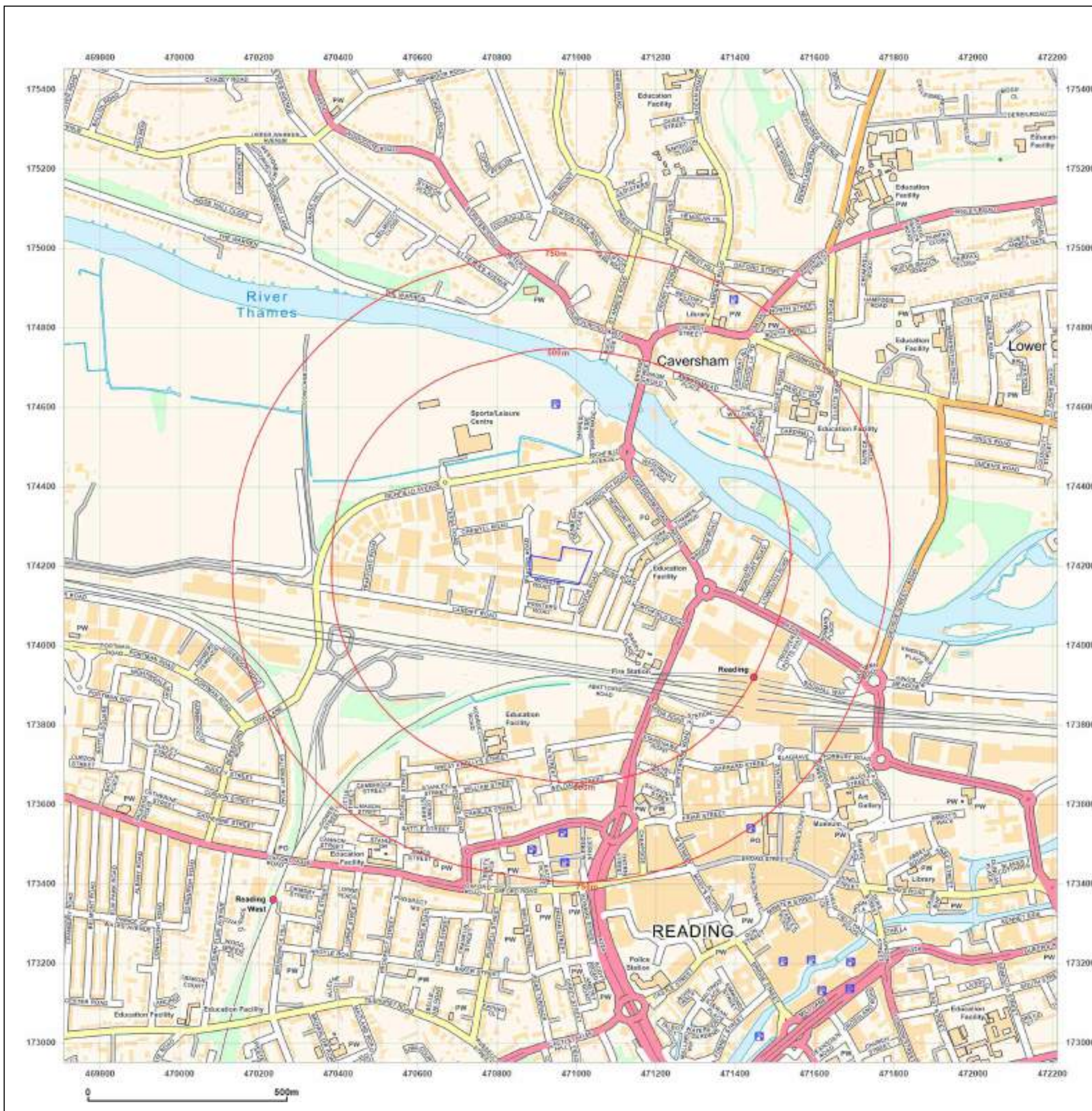


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Map legend available at:
www.groundsure.com/sites/default/files/groundsure_legend.pdf



APPENDIX 4 – QUALITATIVE RISK ASSESSMENT METHODOLOGY

QUALITATIVE RISK ASSESSMENT METHODOLOGY

The following Contaminated Land Risk Assessment methodology is based on CIRIA C552 (2001) *Contaminated Land Risk Assessment – A Guide to Good Practice*, in order to quantify potential risk via **risk estimation** and **risk evaluation**, which can be adopted at the Phase I stage. This will then determine an overall risk category which can be used to identify likely actions. This methodology uses qualitative descriptors and therefore is a qualitative approach.

The methodology requires the classification of:

- the magnitude of the **consequence** (severity) of a risk occurring, and
- the magnitude of the **probability** (likelihood) of a risk occurring.

The potential consequences of contamination risks occurring at this site are classified in accordance with Table A4.1 below, which is adapted from the CIRIA guidance.

Table A4.1: Classification of Consequence

Classification	Definition of Consequence
Severe	• Short-term (acute) risks to human health. • Short-term risk of pollution of sensitive water resource or ecosystem. • Catastrophic damage to crops/buildings/property/infrastructure, including off-site soils.
Medium	• Medium/long-term (chronic) risks to human health. • Medium/long-term risk of pollution of sensitive water resource or ecosystem. • Significant damage to crops/buildings/property/infrastructure (on or off-site). • Contamination of off-site soils.
Mild	• Easily preventable, permanent health effects on humans. • Pollution of non-sensitive water resources. • Localised damage to crops/buildings/property/infrastructure (on or off-site).
Minor	• Easily preventable, non-permanent health effects on humans, or no effects. • Minor, low-level and localised contamination of on-site soils. • Easily repairable damage to crops/buildings/property/infrastructure.

The probability of contamination risks occurring at this site will be classified in accordance with Table A4.2 below which is also adapted from the CIRIA guidance. Note that for each category, it is assumed that a pollution linkage exists. Where a pollution linkage does not exist, the likelihood is zero, as is the risk.

Table A4.2: Classification of Probability

Classification	Definition of Probability
High Likelihood	Circumstances are such that an event appears very likely in the short-term or almost inevitable in the long-term; or there is already evidence that such an event has occurred.
Likely	Circumstances are such that such an event is not inevitable, but is possible in the short-term and is likely over the long-term.
Low Likelihood	Circumstances are such that it is by no means certain that an event would occur even over a longer period, and it is less likely in the short-term.
Unlikely	Circumstances are such that it is improbable that an event would occur even in the very long-term.

For each possible pollution linkage (source-pathway-receptor) identified, the potential risk can be evaluated, as presented in Table A3.3. Based upon this, CIRIA C552 presents definitions of the risk categories, together with the investigatory and remedial actions that are likely to be necessary in each case, as in Table A3.4. These risk categories apply to each possible pollutant linkage, and not simply to each hazard/source of contamination or sensitive receptor.

Table A4.3: Overall Contamination Risk Matrix

		Consequence			
		Severe	Medium	Mild	Minor
Probability	High likelihood	Very high risk	High risk	Moderate risk	Moderate/Low risk
	Likely	High risk	Moderate risk	Moderate/Low risk	Low risk
	Low likelihood	Moderate risk	Moderate/Low risk	Low risk	Very low risk
	Unlikely	Moderate/Low risk	Low risk	Very low risk	Very low risk

Table A4.4: Definition of Risk Categories and Likely Actions Required

Risk Category	Definition and likely actions required
Very high	• Severe harm to a defined receptor is very likely, or has already occurred. • The risk is likely to result in a substantial liability. • Urgent investigation (if not already undertaken) is likely to be required. • Urgent remediation is likely to be required.
High	• Harm to a defined receptor is likely. • The risk, if realised, may result in a substantial liability. • Urgent investigation (if not already undertaken) is likely to be required. • Remediation is likely to be required in the long term, possibly sooner.
Moderate	• Harm to a defined receptor is possible, but severe harm is unlikely. • Investigation is likely to be required to clarify the level of potential liability and risk. • Some remediation may be required in the longer term
Low	• Harm to a defined receptor is possible, but is likely to be mild at worst. • Liabilities could theoretically arise, but are unlikely. • Further investigation is not required at this stage • Remediation is unlikely to be required.
Very low	• Harm to a defined receptor is unlikely, and would be minor at worst. • No liabilities are likely to arise. • Further investigation is not required at this stage • Remediation is very unlikely to be required.

APPENDIX 5 – BGS BOREHOLE RECORDS

Ex 775W / 48

7049 74.1%

N. 129,48

268/545

ತಾಂತ್ರಿಕ ವಿಷಯ: ಸಿ.ಆರ್.ಎಸ್.ಎಸ್.

Country DEAR, SHARE ...

Six-inch sheet... $\pm$ 68 - 10 Six-in.

Syracuse National Grid sheet..... S. U. 7. D. 9. 14.

State whether owner, tenant, licensee,
or other interest, (specify) — OWNER

Address tel. different from above).....

Level of ground surface

If we repeat out at ground level, state how far above: _____ ft.
below: _____ ft.

SLIFT = ... ft.; diameter = ...ft.

WEAIDINGS (please attach details—dimensional and directions)

NOTE: 50 11; number of '1' is 10

8 in.; at bottom 7 1/2 in. d.

Full details of dimensional lining tubes (position, length, diameter, plain, slotted etc) :

52-2: On 6th Feb - 4th Mar 2022

55: a.

Water struck at depth of ft. below well top

Res. level of water 7... ft. above well top. Surface at 33.5' Yield of ONE hour test

rip rap at 2400 galls. per hour with a rising to 62' 2" ft below well top.

Recovery to rest level is _____ mins. * Capacity of pump is _____ g.p.h. Total consumption is 16.40.

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT:

Make and/or type SUMCO SCD, No. or power 7.4 P 7.1 227-1216 NOT

Capacities... 1, 1.5, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 83

Actual number		galls per day; Estimated consumption...		galls per week
---------------	--	---	--	----------------

Well made by C. A. L. & E. W. A. & O. W. A. CO. Date of sink: 6. 15. 196

Information from... Asst. Secy. of the Navy - CO. 450

ADDITIONAL NOTES ANALYSIS (please attach copy if available)

For Survey Use Only

Date received 22.1.69.

අනුමත :

PRINTING RM -

C. L. 10718 2011

Recorder _____

ET 14 • 1991

File marked on

17 FEB 70 10 10 PM

4° сум. 0 26. 1.19

REACT FORMING

Ex

DATE 19.....

Charles E. Farnley.

50011 KCH:24 1-2.

50 775W198

(For Survey use only) GEOLOGICAL CLASSIFICATION	NATURE OF STRATA If measurements start below ground surface, state how far	THICKNESS		DEPTH	
		Feet	Inches	Feet	Inches
SHALE	MADE UP GROUND	8	0	8	0
DRIFT	GREENY SANDY CLAY	5	6	13	6
	GRAVEL & RUBBLE CHALK	10	6	24	0
UPPER	RUBBLE CHALK	18	0	42	0
CHALK	HARD CHALK & FLINT	108	0	150	0

2 F.M.
 12 9 4.

B.Y.
 11/75.



RECORD OF WELL

11 MEADOW ROAD WORKS

CAVERSHAM, READING

Town or Village READING

County BERKSHIRE

2958/4

Four-inch sheet 268-10

Six-inch National Grid sheet SU77418

For PRECISION ENGINEERING LTD. State whether owner, tenant, landlord, proprietor, consultant, etc. OWNER

Address (if different from above)

Level of ground surface (+150 ft up)

above sea level (O.D.)

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

SHAFT 11 ft diameter ft HEADINGS (please attach data - dimensions and direction)

BORE 150 ft diameter of bore at top 8 in at bottom 7 1/2 in

Full details of permanent lining tubes (position, length, diameter, plain, slotted etc.)

52'-2" OF 8" PLAIN BORE TUBE TO 55'-0"

Water struck at depths of ft, below well top.

Least level of water 7 ft below well top. Suction at 33'-5" Yield on 60 sec test

pumping at 2200 galls. per hour with depression to 6'-2" below well top

Recovery to test level in mins. Capacity of pump g.p.h. Date of measurement 16-10-68

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT

Make and/or type SUMO S.C.P. Motive power 24 P ELECTRIC MOTOR

Capacity 1400 galls. per hour. Suction at 4'-0 ft below well top.

Amount pumped ft galls. per day. Estimated consumption galls. per week.

Well made by C. ALLSOP & SONS LTD Date of sinking SEPT 1968

Information from C. ALLSOP & SONS LTD

ADDITIONAL NOTES ANALYSIS (please attach copy if available)

For Survey use only Licence No.

N 12948

SU77/24

268/545

SENT BY
OF WELL

* DEPTH
WHICH WOULD
BE ADEQUATE

TEST
COMPLETION

WELL
COMPLETION

For Survey use only

Date Received 22-7-69

See Lon & ...

Pumping Cell ...

Owner, well ...

Recorder ...

Risk Ins ...

Site marked on

1" map O.R. ...

6" map O.R. ...

Records forwarded

to

date

Geological Survey,
WATER DIVISION

Date Bank FEB 1981

Precision Engineering Co. Ltd. Meadow Road, Canabham.
 This is TWA 44/34
 This bore is still in use for commercial purposes. The
 capacity of the present pump is 40,000 g.p.h. and the
 estimated consumption is 1,250,000 gall per month. Info
 from Mr C. Tykes, Works Manager.

Jack 5/1/79

DATA ACQUISITION SHEET

SU77/24

4/11/2010

NRA region: Thames

File Number: 68/16

Pump Well Identification:

NRA id No:

BGS (WL) No: SU77/24

NGR: SU 701 741

OD:

Site Name: Preston Eng (10)
(Reading) Ltd

Locality: Reading

Well details:

depth of pumping well: 150'

diameter:

casing details: 4" 6'

☒ observation boreholes

number of obs bhs:

obs bh details:

Aquifer details:

confined / unconfined

IF confined, confining layer:

AQUIFER 1 Chalk			AQUIFER 2		
geology	from	to	geology	from	to
Chalk	24'				

Pumping test details:

Phase 1 16/10/68

date of test:

length of test:

RWL: 7'

PWL: 8' 11"

pumping rate: 2320 gpm

Phase 2

date of test:

length of test:

RWL:

PWL:

pumping rate:

SU77/24

Additional Well Information:

☐ Well Loss Data:	B..... C..... Efficiency.....
☐ Well Acidified	
☐ Flow Logs	
☐ Other Geophysical Logs	
☐ Fissure Information:	major inflows from.....to.....
	from.....to.....
	from.....to.....

Aquifer Parameters:

Analysis Type:	Analysis Type:
Transmissivity:	Transmissivity:
Storage Coefficient:	Storage Coefficient:

Analysis Type:	Other Data:
Transmissivity:	
Storage Coefficient:	

Confidence:

excellent ☐ ☐ ☐ ☐ ☐ very poor

Notes:

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APPENDIX 6 – LOCAL AUTHORITY CORRESPONDENCE

Clare Prosser

From: Clare Prosser
Sent: 16 June 2025 10:13
To: enquiries.gs@jpb.co.uk
Cc: Projects; Josh Hassall
Subject: P6365J3196 - CLP - Meadow Road, Reading, RG1 8LB

Good morning,

Jomas Associated Ltd have been appointed as environmental consultants with regards to land contamination issues for a site located at Meadow Road, Reading, RG1 8LB. Nat. Grid ref 470962, 174200. The site location and boundary is shown below.

Do you have any information regarding this site, or within 1km of the property? Such as mining plans and maps held within their archive that have occurred?



Thanks in advance,

Clare Prosser
Senior Geo-environmental Engineer

T: 07305890770

E: clp@jomasassociates.com

www.jomasassociates.com  

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