

THE BARN, No.9, THE GREEN, CROFT, LE9 3EQ

Order Details

Date: 17/11/2021
Your ref: 1609_Elliot_
Our Ref: GS-8341985
Client: Castledine & Co

Site Details

Location: 451374 295986
Area: 0.17 ha
Authority: [Blaby District Council](#)



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Summary of findings

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Aerial image

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OS MasterMap site plan

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info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
14	1.1	<u>Historical industrial land uses</u>	1	1	40	35	-
17	1.2	<u>Historical tanks</u>	0	0	5	18	-
19	1.3	<u>Historical energy features</u>	0	0	2	3	-
19	1.4	Historical petrol stations	0	0	0	0	-
19	1.5	Historical garages	0	0	0	0	-
20	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
21	2.1	<u>Historical industrial land uses</u>	1	2	49	47	-
25	2.2	<u>Historical tanks</u>	0	0	8	30	-
27	2.3	<u>Historical energy features</u>	0	0	7	7	-
28	2.4	Historical petrol stations	0	0	0	0	-
28	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
29	3.1	Active or recent landfill	0	0	0	0	-
29	3.2	Historical landfill (BGS records)	0	0	0	0	-
30	3.3	<u>Historical landfill (LA/mapping records)</u>	0	0	0	4	-
30	3.4	<u>Historical landfill (EA/NRW records)</u>	0	0	1	0	-
30	3.5	Historical waste sites	0	0	0	0	-
31	3.6	<u>Licensed waste sites</u>	0	0	1	0	-
31	3.7	<u>Waste exemptions</u>	0	0	0	2	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
32	4.1	<u>Recent industrial land uses</u>	0	0	4	-	-
33	4.2	Current or recent petrol stations	0	0	0	0	-
33	4.3	Electricity cables	0	0	0	0	-
33	4.4	Gas pipelines	0	0	0	0	-
33	4.5	Sites determined as Contaminated Land	0	0	0	0	-



33	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
34	4.7	Regulated explosive sites	0	0	0	0	-
34	4.8	Hazardous substance storage/usage	0	0	0	0	-
34	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
34	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
34	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	6	1	-
36	4.12	Radioactive Substance Authorisations	0	0	0	0	-
36	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	8	9	-
39	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
39	4.15	Pollutant release to public sewer	0	0	0	0	-
39	4.16	List 1 Dangerous Substances	0	0	0	0	-
39	4.17	<u>List 2 Dangerous Substances</u>	0	0	0	2	-
40	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	4	2	-
40	4.19	<u>Pollution inventory substances</u>	0	0	1	0	-
41	4.20	Pollution inventory waste transfers	0	0	0	0	-
41	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
42	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
44	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
45	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
46	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
47	5.5	Groundwater vulnerability- local information	None (within 0m)				
48	5.6	<u>Groundwater abstractions</u>	0	0	0	0	7
50	5.7	<u>Surface water abstractions</u>	0	0	1	4	1
52	5.8	Potable abstractions	0	0	0	0	0
52	5.9	Source Protection Zones	0	0	0	0	-
52	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
53	6.1	<u>Water Network (OS MasterMap)</u>	0	0	6	-	-



54	6.2	<u>Surface water features</u>	0	0	4	-	-
54	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
55	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
55	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
56	7.1	<u>Risk of flooding from rivers and the sea</u>	High (within 50m)				
57	7.2	<u>Historical Flood Events</u>	2	0	3	-	-
57	7.3	Flood Defences	0	0	0	-	-
58	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
58	7.5	Flood Storage Areas	0	0	0	-	-
59	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
60	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
61	8.1	<u>Surface water flooding</u>	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
63	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
64	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	2	0	1
65	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
65	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
65	10.4	Special Protection Areas (SPA)	0	0	0	0	0
65	10.5	National Nature Reserves (NNR)	0	0	0	0	0
66	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
66	10.7	Designated Ancient Woodland	0	0	0	0	0
66	10.8	Biosphere Reserves	0	0	0	0	0
66	10.9	Forest Parks	0	0	0	0	0
67	10.10	Marine Conservation Zones	0	0	0	0	0
67	10.11	Green Belt	0	0	0	0	0
67	10.12	Proposed Ramsar sites	0	0	0	0	0

67	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
67	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
68	10.15	Nitrate Sensitive Areas	0	0	0	0	0
68	10.16	<u>Nitrate Vulnerable Zones</u>	2	0	0	0	0
69	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
70	10.18	<u>SSSI Units</u>	0	0	2	0	1
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
72	11.1	World Heritage Sites	0	0	0	-	-
73	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
73	11.3	National Parks	0	0	0	-	-
73	11.4	<u>Listed Buildings</u>	0	0	2	-	-
74	11.5	<u>Conservation Areas</u>	1	0	0	-	-
74	11.6	Scheduled Ancient Monuments	0	0	0	-	-
74	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
75	12.1	<u>Agricultural Land Classification</u>	Grade 4 (within 250m)				
76	12.2	<u>Open Access Land</u>	0	0	1	-	-
76	12.3	Tree Felling Licences	0	0	0	-	-
76	12.4	Environmental Stewardship Schemes	0	0	0	-	-
77	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
78	13.1	<u>Priority Habitat Inventory</u>	0	0	3	-	-
79	13.2	<u>Habitat Networks</u>	2	0	4	-	-
79	13.3	Open Mosaic Habitat	0	0	0	-	-
79	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
80	14.1	<u>10k Availability</u>	Identified (within 500m)				
81	14.2	<u>Artificial and made ground (10k)</u>	0	1	3	1	-
83	14.3	<u>Superficial geology (10k)</u>	1	2	2	1	-



84	14.4	Landslip (10k)	0	0	0	0	-
85	14.5	<u>Bedrock geology (10k)</u>	1	0	1	0	-
86	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
87	15.1	<u>50k Availability</u>	Identified (within 500m)				
88	15.2	<u>Artificial and made ground (50k)</u>	0	1	1	0	-
89	15.3	<u>Artificial ground permeability (50k)</u>	0	1	-	-	-
90	15.4	<u>Superficial geology (50k)</u>	1	2	2	2	-
91	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
91	15.6	Landslip (50k)	0	0	0	0	-
91	15.7	Landslip permeability (50k)	None (within 50m)				
92	15.8	<u>Bedrock geology (50k)</u>	1	1	0	0	-
93	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
93	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
94	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
95	17.1	<u>Shrink swell clays</u>	Low (within 50m)				
97	17.2	<u>Running sands</u>	Low (within 50m)				
99	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
101	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
102	17.5	<u>Landslides</u>	Very low (within 50m)				
104	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
106	18.1	Natural cavities	0	0	0	0	-
107	18.2	<u>BritPits</u>	0	0	0	1	-
107	18.3	<u>Surface ground workings</u>	1	0	21	-	-
108	18.4	Underground workings	0	0	0	0	0
108	18.5	<u>Historical Mineral Planning Areas</u>	0	0	1	0	-



109	18.6	<u>Non-coal mining</u>	0	1	0	0	0
109	18.7	Mining cavities	0	0	0	0	0
109	18.8	JPB mining areas	None (within 0m)				
109	18.9	Coal mining	None (within 0m)				
110	18.10	Brine areas	None (within 0m)				
110	18.11	Gypsum areas	None (within 0m)				
110	18.12	Tin mining	None (within 0m)				
110	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
111	19.1	<u>Radon</u>	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
112	20.1	<u>BGS Estimated Background Soil Chemistry</u>	6	6	-	-	-
112	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
113	20.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	Railway infrastructure and projects	On site	0-50m	50-250m	250-500m	500-2000m
114	21.1	Underground railways (London)	0	0	0	-	-
114	21.2	Underground railways (Non-London)	0	0	0	-	-
115	21.3	Railway tunnels	0	0	0	-	-
115	21.4	<u>Historical railway and tunnel features</u>	0	0	40	-	-
117	21.5	Royal Mail tunnels	0	0	0	-	-
117	21.6	Historical railways	0	0	0	-	-
117	21.7	<u>Railways</u>	0	0	11	-	-
118	21.8	Crossrail 1	0	0	0	0	-
118	21.9	Crossrail 2	0	0	0	0	-
118	21.10	HS2	0	0	0	0	-



Recent aerial photograph



Capture Date: 16/04/2020

Site Area: 0.17ha



Recent site history - 2017 aerial photograph



Capture Date: 13/08/2017

Site Area: 0.17ha



Recent site history - 2013 aerial photograph



Capture Date: 18/07/2013

Site Area: 0.17ha



Recent site history - 2008 aerial photograph



Capture Date: 20/09/2008

Site Area: 0.17ha



Recent site history - 1999 aerial photograph



Capture Date: 04/10/1999

Site Area: 0.17ha



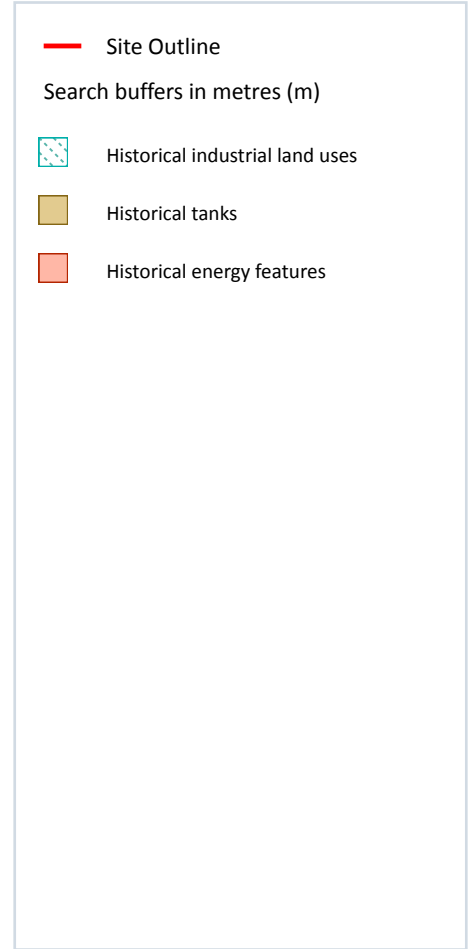
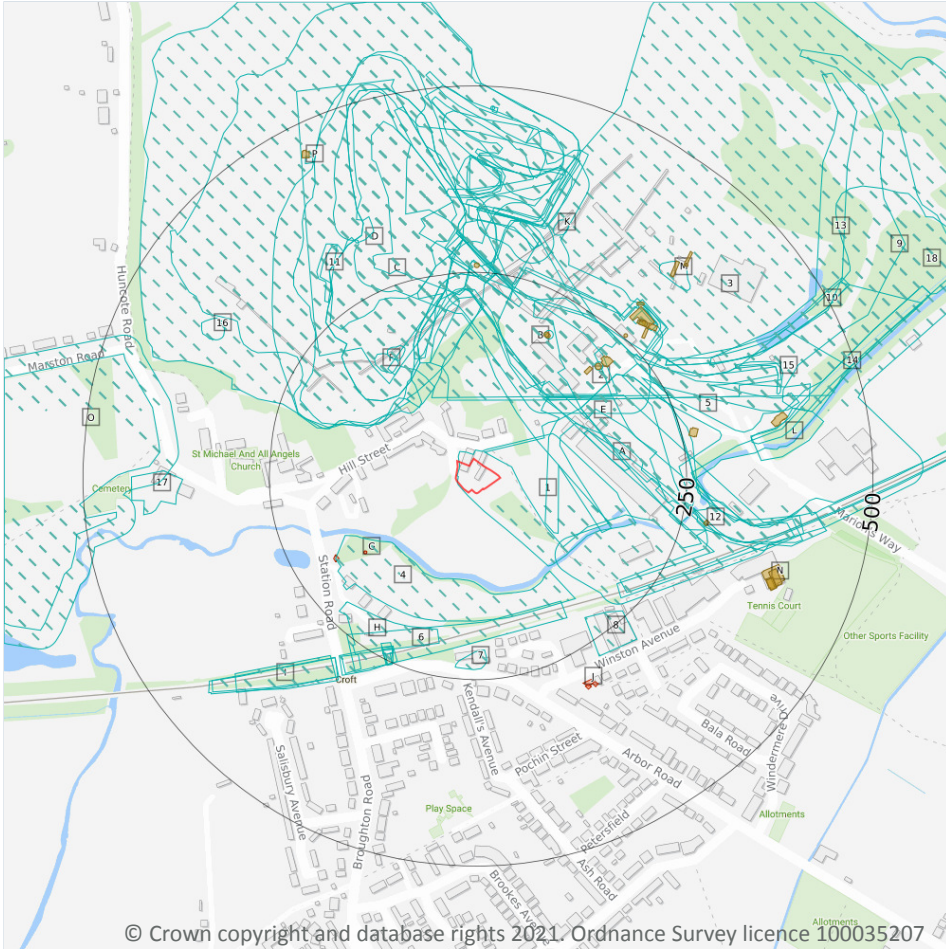
OS MasterMap site plan



Site Area: 0.17ha



1 Past land use



1.1 Historical industrial land uses

Records within 500m

77

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

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

ID	Location	Land use	Dates present	Group ID
1	On site	Granite, Brick and Concrete Works	1904	1763491

ID	Location	Land use	Dates present	Group ID
A	16m NE	Unspecified Works	1967 - 1973	1832084
2	63m E	Railway Sidings	1950	1798649
3	70m NE	Unspecified Works	1981 - 1992	1784785
B	79m N	Granite, Brick and Concrete Works	1914 - 1938	1837924
C	82m N	Unspecified Commercial/Industrial	1904	1752975
D	88m NW	Unspecified Quarry	1967	1841303
D	88m NW	Granite Quarry	1973	1790185
C	99m NE	Unspecified Quarry	1886	1807419
D	102m NW	Granite Quarry	1981 - 1992	1798208
D	108m NW	Granite Quarry	1950	1824493
4	117m S	Unspecified Works	1904	1771290
B	118m NE	Railway Sidings	1914 - 1938	1792994
D	118m NW	Granite Quarry	1914 - 1938	1782835
D	118m NW	Unspecified Quarry	1938	1803999
E	119m NE	Railway Sidings	1904	1815680
E	120m NE	Tramway Sidings	1886	1765768
C	124m NE	Railway Sidings	1886	1820217
C	125m NE	Railway Sidings	1904	1823191
A	127m NE	Railway Building	1886	1764941
5	132m NE	Granite, Brick and Concrete Works	1950	1835434
E	143m NE	Railway Sidings	1967	1783709
E	143m NE	Railway Sidings	1973	1806633
F	147m NW	Unspecified Pit	1904	1777088
F	156m NW	Unspecified Quarry	1904	1819279
6	169m S	Railway Sidings	1981 - 1992	1786072
H	188m S	Railway Sidings	1904 - 1950	1811837
B	189m NE	Unspecified Tank	1981 - 1992	1829559
B	194m NE	Unspecified Tank	1886	1768517



ID	Location	Land use	Dates present	Group ID
7	210m S	Unspecified Pit	1886	1777092
C	213m N	Cuttings	1886	1808076
E	213m NE	Railway Sidings	1981 - 1992	1790283
C	218m N	Cuttings	1904	1825676
8	219m SE	Unspecified Works	1992	1771288
H	227m SW	Railway Station	1967	1780867
D	229m N	Granite Quarry	1904	1822335
H	230m SW	Railway Station	1886	1808824
H	230m SW	Railway Sidings	1886	1842547
H	232m SW	Railway Station	1904	1787063
H	233m SW	Railway Station	1950	1828071
C	237m N	Cuttings	1914	1847715
9	241m NE	Refuse Heap	1973	1817487
H	263m SW	Cuttings	1886	1752081
10	269m NE	Unspecified Ground Workings	1973 - 1981	1848943
C	273m N	Unspecified Pit	1950	1777091
11	274m NW	Unspecified Pit	1886	1777089
B	275m NE	Unspecified Tanks	1914 - 1938	1818673
I	284m SW	Cuttings	1904 - 1950	1830167
I	285m SW	Cuttings	1886	1793416
I	286m SW	Cuttings	1967 - 1992	1814659
B	291m NE	Unspecified Tanks	1950	1788576
C	291m N	Cuttings	1904	1752083
C	294m N	Unspecified Heap	1914 - 1938	1835904
K	320m N	Refuse Heap	1967	1770521
13	320m NE	Unspecified Pit	1992	1777090
K	323m N	Unspecified Ground Workings	1914 - 1938	1792576
K	325m N	Unspecified Heap	1904	1797033



ID	Location	Land use	Dates present	Group ID
K	325m N	Unspecified Ground Workings	1950	1840816
L	341m E	Cuttings	1992	1752082
14	341m E	Unspecified Ground Workings	1973	1754797
15	348m NE	Unspecified Ground Workings	1950	1754796
M	349m NE	Refuse Heap	1967	1770519
K	350m N	Tramway Sidings	1886	1765767
K	354m N	Unspecified Pits	1914 - 1938	1813511
K	355m N	Unspecified Pit	1904	1791745
16	356m NW	Unspecified Pit	1886 - 1904	1815146
K	356m N	Refuse Heap	1967	1770522
K	358m N	Unspecified Pit	1950	1794947
17	366m W	Cemetery	1967 - 1973	1824353
O	373m W	Cemetery	1981	1800405
K	385m N	Unspecified Heap	1950	1849308
18	392m E	Unspecified Heap	1992	1756482
O	398m W	Cemetery	1992	1839195
K	429m N	Unspecified Ground Workings	1967	1835123
P	445m NW	Unspecified Tanks	1914 - 1938	1836821
K	465m N	Powder Magazines	1904	1774375
K	469m N	Powder Magazine	1886	1762842

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

23

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 14**



ID	Location	Land use	Dates present	Group ID
B	180m NE	Unspecified Tank	1916	283208
B	190m NE	Unspecified Tank	1996	301817
B	190m NE	Unspecified Tank	1989	294217
B	194m NE	Unspecified Tank	1888	283209
B	205m NE	Tanks	1989 - 1996	294629
B	251m NE	Unspecified Tank	1916 - 1938	297923
C	256m N	Unspecified Tank	1996	295349
E	259m E	Unspecified Tank	1989 - 1996	299947
B	267m NE	Tanks	1996	294549
B	275m NE	Tanks	1916	294112
B	277m NE	Tanks	1989	294877
B	277m NE	Tanks	1996	293629
12	279m E	Unspecified Tank	1971	283433
B	282m NE	Tanks	1989 - 1996	289365
B	295m NE	Tanks	1961	287070
M	354m NE	Tanks	1996	290128
L	371m E	Tanks	1989 - 1996	293018
N	373m E	Tanks	1995 - 1996	292512
M	376m NE	Tanks	1989	287085
N	381m E	Tanks	1996	293053
N	382m E	Tanks	1989 - 1994	295194
N	382m E	Tanks	1995	294742
P	453m NW	Tanks	1916	287072

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m	5
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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 14**

ID	Location	Land use	Dates present	Group ID
G	154m SW	Electricity Substation	1995	169751
G	189m SW	Electricity Substation	1971 - 1996	179993
J	292m SE	Electricity Substation	1971 - 1989	181228
J	296m SE	Electricity Substation	1994 - 1996	176979
J	298m SE	Electricity Substation	1995	169752

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0
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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	0
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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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

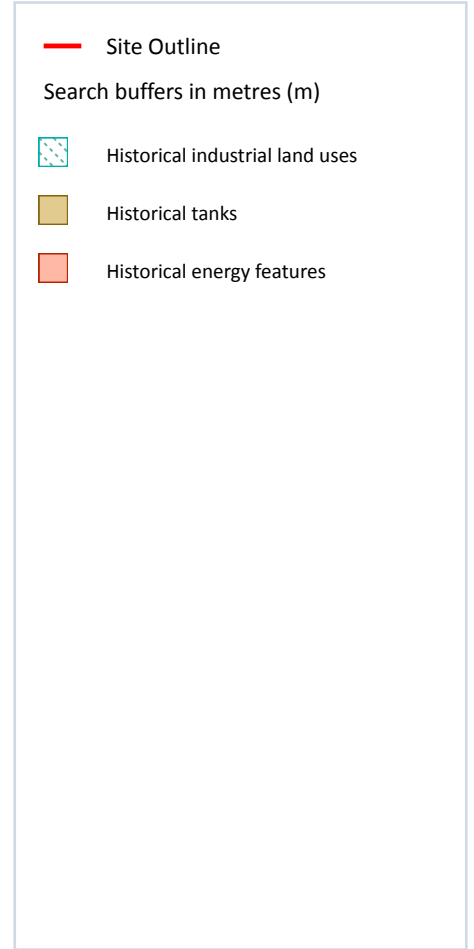
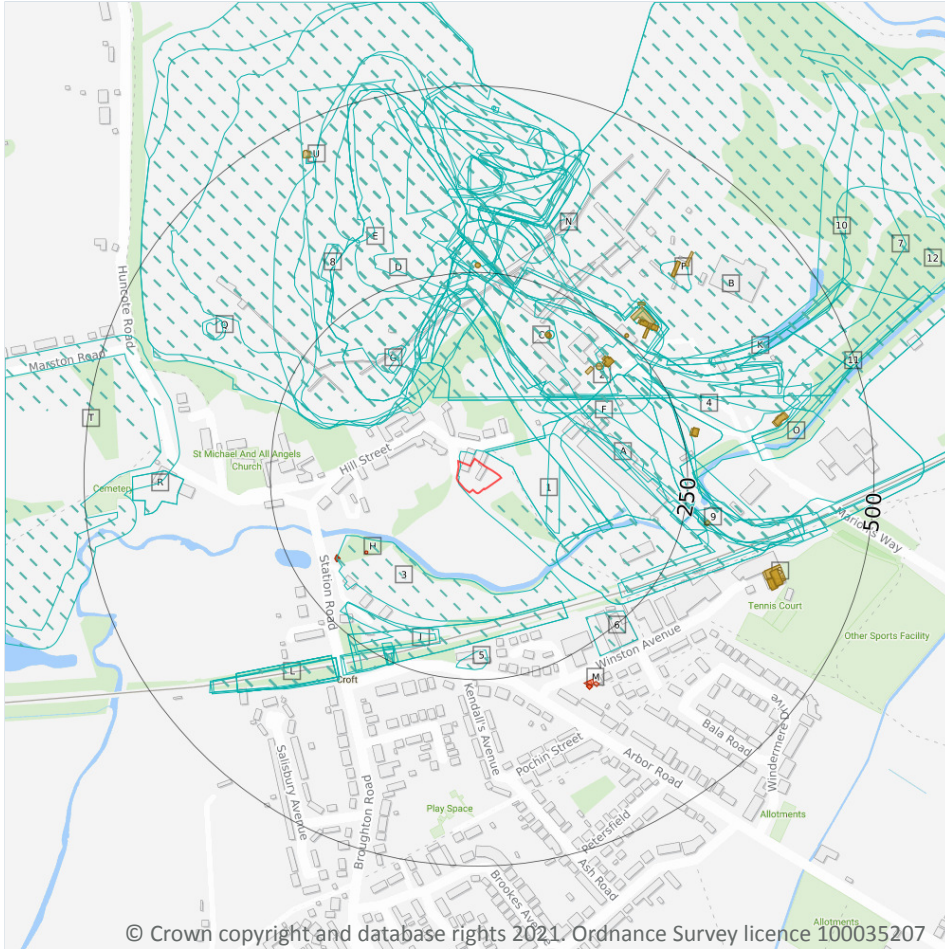
0

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



2.1 Historical industrial land uses

Records within 500m

99

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 21**

ID	Location	Land Use	Date	Group ID
1	On site	Granite, Brick and Concrete Works	1904	1763491
A	16m NE	Unspecified Works	1967	1832084
A	16m NE	Unspecified Works	1973	1832084

ID	Location	Land Use	Date	Group ID
2	63m E	Railway Sidings	1950	1798649
B	70m NE	Unspecified Works	1981	1784785
B	70m NE	Unspecified Works	1992	1784785
C	79m N	Granite, Brick and Concrete Works	1938	1837924
C	79m N	Granite, Brick and Concrete Works	1914	1837924
D	82m N	Unspecified Commercial/Industrial	1904	1752975
E	88m NW	Unspecified Quarry	1967	1841303
E	88m NW	Granite Quarry	1973	1790185
D	99m NE	Unspecified Quarry	1886	1807419
E	102m NW	Granite Quarry	1992	1798208
E	107m NW	Granite Quarry	1981	1798208
E	108m NW	Granite Quarry	1950	1824493
3	117m S	Unspecified Works	1904	1771290
C	118m NE	Railway Sidings	1938	1792994
C	118m NE	Railway Sidings	1914	1792994
E	118m NW	Unspecified Quarry	1938	1803999
E	118m NW	Granite Quarry	1938	1782835
E	118m NW	Granite Quarry	1914	1782835
F	119m NE	Railway Sidings	1904	1815680
F	120m NE	Tramway Sidings	1886	1765768
D	124m NE	Railway Sidings	1886	1820217
D	125m NE	Railway Sidings	1904	1823191
A	127m NE	Railway Building	1886	1764941
4	132m NE	Granite, Brick and Concrete Works	1950	1835434
F	143m NE	Railway Sidings	1967	1783709
F	143m NE	Railway Sidings	1973	1806633
G	147m NW	Unspecified Pit	1904	1777088
G	156m NW	Unspecified Quarry	1904	1819279



ID	Location	Land Use	Date	Group ID
I	169m S	Railway Sidings	1981	1786072
I	169m S	Railway Sidings	1992	1786072
J	188m S	Railway Sidings	1950	1811837
C	189m NE	Unspecified Tank	1981	1829559
C	189m NE	Unspecified Tank	1992	1829559
C	194m NE	Unspecified Tank	1886	1768517
J	195m S	Railway Sidings	1904	1811837
5	210m S	Unspecified Pit	1886	1777092
D	213m N	Cuttings	1886	1808076
F	213m NE	Railway Sidings	1981	1790283
F	213m NE	Railway Sidings	1992	1790283
D	218m N	Cuttings	1904	1825676
6	219m SE	Unspecified Works	1992	1771288
J	227m SW	Railway Station	1967	1780867
E	229m N	Granite Quarry	1904	1822335
J	230m SW	Railway Station	1886	1808824
J	230m SW	Railway Sidings	1886	1842547
J	232m SW	Railway Station	1904	1787063
J	233m SW	Railway Station	1950	1828071
D	237m N	Cuttings	1914	1847715
7	241m NE	Refuse Heap	1973	1817487
J	263m SW	Cuttings	1886	1752081
K	269m NE	Unspecified Ground Workings	1973	1848943
D	273m N	Unspecified Pit	1950	1777091
8	274m NW	Unspecified Pit	1886	1777089
C	275m NE	Unspecified Tanks	1938	1818673
C	275m NE	Unspecified Tanks	1914	1818673
L	284m SW	Cuttings	1904	1830167



ID	Location	Land Use	Date	Group ID
L	285m SW	Cuttings	1886	1793416
L	286m SW	Cuttings	1950	1830167
L	286m SW	Cuttings	1981	1814659
L	286m SW	Cuttings	1992	1814659
L	286m SW	Cuttings	1967	1814659
L	286m SW	Cuttings	1973	1814659
C	291m NE	Unspecified Tanks	1950	1788576
D	291m N	Cuttings	1904	1752083
D	294m N	Unspecified Heap	1938	1835904
D	294m N	Unspecified Heap	1914	1835904
N	320m N	Refuse Heap	1967	1770521
10	320m NE	Unspecified Pit	1992	1777090
K	320m NE	Unspecified Ground Workings	1981	1848943
N	323m N	Unspecified Ground Workings	1938	1792576
N	323m N	Unspecified Ground Workings	1914	1792576
N	325m N	Unspecified Heap	1904	1797033
N	325m N	Unspecified Ground Workings	1950	1840816
O	341m E	Cuttings	1992	1752082
11	341m E	Unspecified Ground Workings	1973	1754797
K	348m NE	Unspecified Ground Workings	1950	1754796
P	349m NE	Refuse Heap	1967	1770519
N	350m N	Tramway Sidings	1886	1765767
N	354m N	Unspecified Pits	1938	1813511
N	354m N	Unspecified Pits	1914	1813511
N	355m N	Unspecified Pit	1904	1791745
Q	356m NW	Unspecified Pit	1904	1815146
N	356m N	Refuse Heap	1967	1770522
N	358m N	Unspecified Pit	1950	1794947



ID	Location	Land Use	Date	Group ID
Q	361m NW	Unspecified Pit	1886	1815146
R	366m W	Cemetery	1967	1824353
R	366m W	Cemetery	1973	1824353
T	373m W	Cemetery	1981	1800405
N	385m N	Unspecified Heap	1950	1849308
12	392m E	Unspecified Heap	1992	1756482
T	398m W	Cemetery	1992	1839195
N	429m N	Unspecified Ground Workings	1967	1835123
U	445m NW	Unspecified Tanks	1938	1836821
U	445m NW	Unspecified Tanks	1914	1836821
N	465m N	Powder Magazines	1904	1774375
N	469m N	Powder Magazine	1886	1762842

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m

38

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 21**

ID	Location	Land Use	Date	Group ID
C	180m NE	Unspecified Tank	1916	283208
C	190m NE	Unspecified Tank	1996	301817
C	190m NE	Unspecified Tank	1996	301817
C	190m NE	Unspecified Tank	1989	294217
C	194m NE	Unspecified Tank	1888	283209
C	205m NE	Tanks	1989	294629
C	206m NE	Tanks	1996	294629
C	206m NE	Tanks	1996	294629



ID	Location	Land Use	Date	Group ID
C	251m NE	Unspecified Tank	1916	297923
C	251m NE	Unspecified Tank	1938	297923
D	256m N	Unspecified Tank	1996	295349
D	256m N	Unspecified Tank	1996	295349
F	259m E	Unspecified Tank	1989	299947
F	262m E	Unspecified Tank	1996	299947
F	262m E	Unspecified Tank	1996	299947
C	267m NE	Tanks	1996	294549
C	267m NE	Tanks	1996	294549
C	275m NE	Tanks	1916	294112
C	277m NE	Tanks	1989	294877
C	277m NE	Tanks	1996	293629
C	277m NE	Tanks	1996	293629
9	279m E	Unspecified Tank	1971	283433
C	282m NE	Tanks	1989	289365
C	283m NE	Tanks	1996	289365
C	283m NE	Tanks	1996	289365
C	295m NE	Tanks	1961	287070
P	354m NE	Tanks	1996	290128
P	354m NE	Tanks	1996	290128
O	371m E	Tanks	1989	293018
S	373m E	Tanks	1996	292512
O	373m E	Tanks	1996	293018
S	375m E	Tanks	1995	292512
P	376m NE	Tanks	1989	287085
S	381m E	Tanks	1996	293053
S	382m E	Tanks	1989	295194
S	382m E	Tanks	1995	294742



ID	Location	Land Use	Date	Group ID
S	382m E	Tanks	1994	295194
U	453m NW	Tanks	1916	287072

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	14
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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 21**

ID	Location	Land Use	Date	Group ID
H	154m SW	Electricity Substation	1995	169751
H	189m SW	Electricity Substation	1971	179993
H	189m SW	Electricity Substation	1995	179993
H	189m SW	Electricity Substation	1996	179993
H	189m SW	Electricity Substation	1996	179993
H	189m SW	Electricity Substation	1994	179993
H	191m SW	Electricity Substation	1989	179993
M	292m SE	Electricity Substation	1989	181228
M	292m SE	Electricity Substation	1971	181228
M	296m SE	Electricity Substation	1994	176979
M	296m SE	Electricity Substation	1995	176979
M	296m SE	Electricity Substation	1996	176979
M	296m SE	Electricity Substation	1996	176979
M	298m SE	Electricity Substation	1995	169752

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

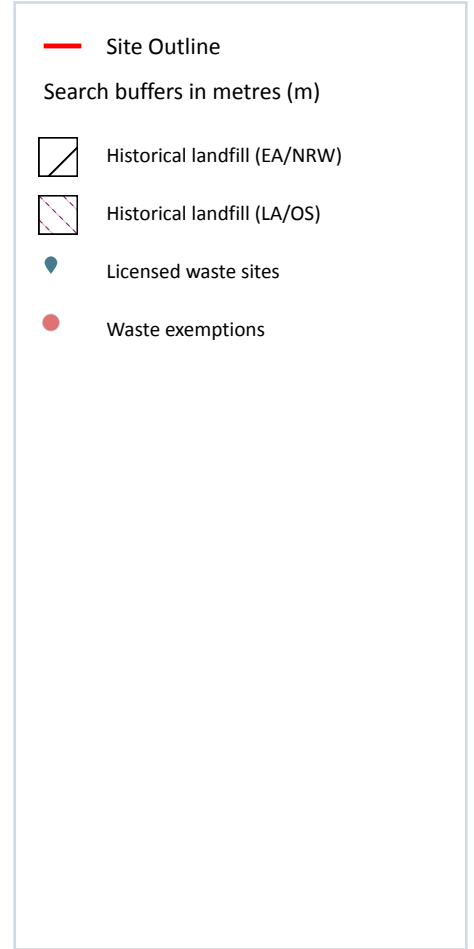
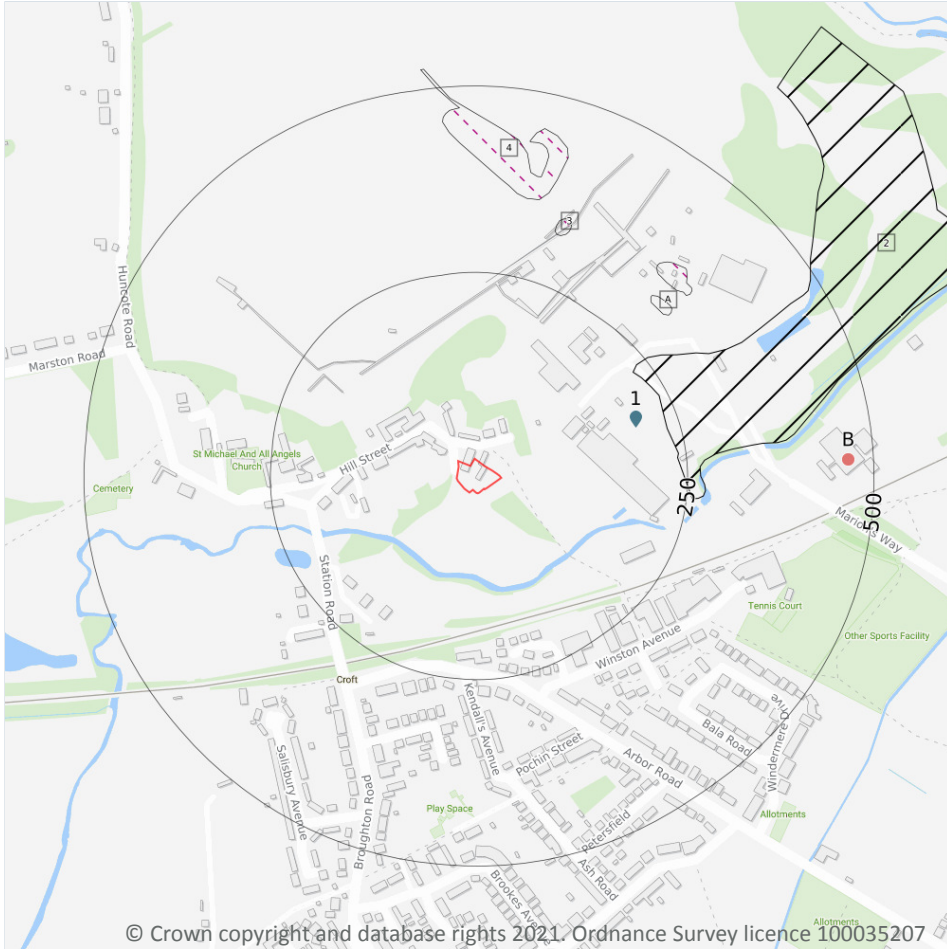
0

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'.

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



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

4

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

Features are displayed on the Waste and landfill map on **page 29**

ID	Location	Site address	Source	Data type
A	308m NE	Refuse Tip	1961 mapping	Polygon
3	320m N	Refuse Tip	1961 mapping	Polygon
A	343m NE	Refuse Tip	1961 mapping	Polygon
4	356m N	Refuse Tip	1961 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m

1

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

Features are displayed on the Waste and landfill map on **page 29**

ID	Location	Details		
2	226m NE	Site Address: Croft Landfill, Croft, Blaby, Croft Landfill, Croft, Blaby, Leicestershire Licence Holder Address: -	Waste Licence: Yes Site Reference: 0067, GDO 79, 167 Waste Type: Industrial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 27/02/1978 Licence Surrender: 02/11/1991	Operator: Blaby Rural District Council Licence Holder: ECC Quarries Limited First Recorded 31/12/1937 Last Recorded: 30/04/1989

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

3.5 Historical waste sites

Records within 500m

0

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

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

3.6 Licensed waste sites

Records within 500m

1

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

Features are displayed on the Waste and landfill map on **page 29**

ID	Location	Details		
1	196m NE	Site Name: Aggregate Industries U K Limited Site Address: Marions Way, Coventry Road, Croft, Leicestershire, LE9 3GP Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: AIU003 EPR reference: EA/EPR/EB3708GW/V002 Operator: Aggregate Industries U K Limited Waste Management licence No: 403728 Annual Tonnage: 199999	Issue Date: 28/04/2017 Effective Date: - Modified: 19/10/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

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

3.7 Waste exemptions

Records within 500m

2

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.

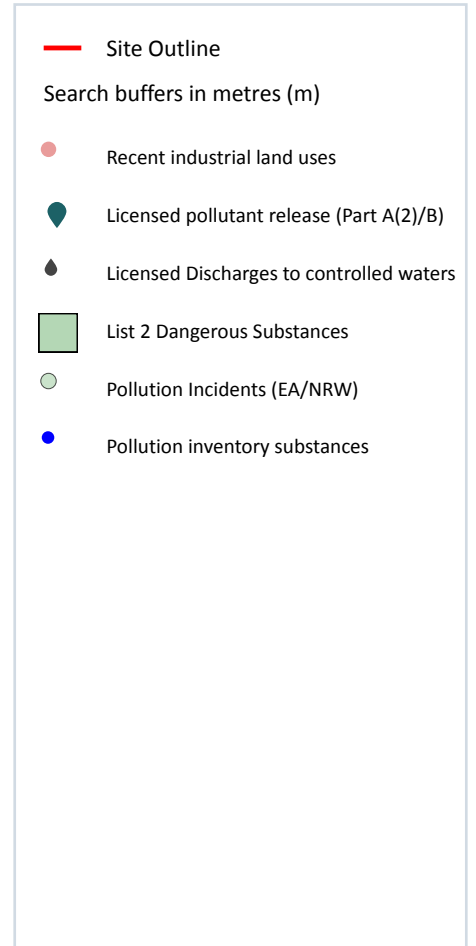
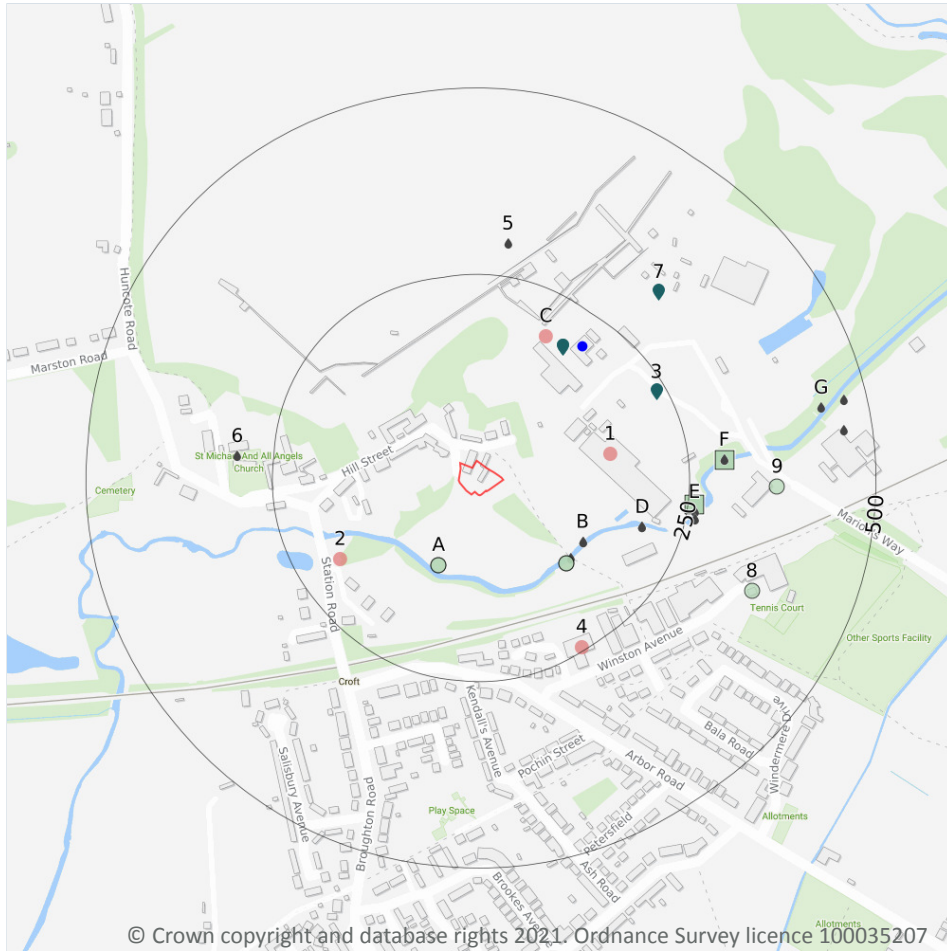
Features are displayed on the Waste and landfill map on **page 29**

ID	Location	Site	Reference	Category	Sub-Category	Description
B	466m E	CROFT QUARRY, COVENTRY ROAD, CROFT, LEICESTER, LE9 3GP	WEX197817	Treating waste exemption	Not on a farm	Screening and blending of waste
B	466m E	-	WEX264643	Treating waste exemption	Not on a farm	Screening and blending of waste

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



4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m

4

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 32**

ID	Location	Company	Address	Activity	Category
1	148m E	Works	Leicestershire, LE9	Unspecified Works Or Factories	Industrial Features
2	190m SW	Electricity Sub Station	Leicestershire, LE9	Electrical Features	Infrastructure and Facilities
C	191m NE	Tank	Leicestershire, LE9	Tanks (Generic)	Industrial Features

ID	Location	Company	Address	Activity	Category
4	245m SE	Works	Leicestershire, LE9	Unspecified Works Or Factories	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m **0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m **0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m **0**

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m **0**

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

This data is sourced from Local Authority records.

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

0

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

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

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

Records within 500m

7

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 32**



ID	Location	Address	Details	
C	190m NE	Aggregate Industries (Bardon Concrete), Croft Quarry, Marions Way, Coventry Road, Croft, Leicester, LE9 3GS	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	190m NE	Aggregate Industries (Charcon Specialist), Croft Quarry, Marions Way, Coventry Road, Croft, Leicester, LE9 3GS	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	190m NE	Aggregate Industries (ASPHALT), Croft Quarry, Marions Way, Coventry Road, Croft, Leicester, LE9 3GS	Process: Roadstone Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	190m NE	Aggregate Industries (ASPHALT), Croft Quarry, Marions Way, Coventry Road, Croft, Leicester, LE9 3GS	Process: Roadstone Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	190m NE	Aggregate Industries (Masterblock), Croft Quarry, Marions Way, Coventry Road, Croft, Leicester, LE9 3GS	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
3	236m NE	Camas Building Materials, Croft Quarry, Marions Way, Coventry Rd, LE9 3GS	Process: Use of Bulk Cement Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
7	326m NE	Bardon Aggregates, Croft Quarry, Marions Way, Coventry Rd, LE9 3GP	Process: Roadstone Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.



4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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

4.13 Licensed Discharges to controlled waters

Records within 500m

17

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 32**

ID	Location	Address	Details	
B	135m SE	VARIOUS PS'S & CSOS-STONEY STANTON, STONEY STANTON, LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: DT/8045 Permit Version: 1 Receiving Water: RIVER SOAR (TRIBUTARY)	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 30/05/1963 Effective Date: 30/05/1963 Revocation Date: -
B	135m SE	VARIOUS PS'S & CSOS-STONEY STANTON, STONEY STANTON, LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: T/50/03632/O Permit Version: 1 Receiving Water: RIVER SOAR OR TRIBS	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 07/11/1973 Effective Date: 07/11/1973 Revocation Date: 07/08/2018
B	135m SE	VARIOUS PS'S & CSOS-STONEY STANTON, STONEY STANTON, LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: T/50/03632/O Permit Version: 2 Receiving Water: RIVER SOAR OR TRIBS	Status: VARIED UNDER EPR 2010 Issue date: 08/08/2018 Effective Date: 08/08/2018 Revocation Date: -
B	138m SE	WINSTON AVENUE CROFT CSO, WINSTON AVENUE, CROFT, COUNTSTHORPE, LEICESTERSHIRE, LE9 3GQ	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: TSC4121 Permit Version: 2 Receiving Water: RIVER SOAR	Status: SURRENDERED UNDER EPR 2010 Issue date: 18/05/2016 Effective Date: 18/05/2016 Revocation Date: 03/07/2020



ID	Location	Address	Details	
D	196m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995
D	196m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 2 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 18/10/1995 Effective Date: 18/10/1995 Revocation Date: 25/07/1996
D	196m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 3 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 26/07/1996 Effective Date: 26/07/1996 Revocation Date: 05/01/2001
D	196m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 4 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 06/01/2001 Effective Date: 06/01/2001 Revocation Date: -
E	259m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995
E	261m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995
5	294m N	THE TOILET BLOCK AT CAMAS/LEICS, THE TOILET BLOCK SERVING THE, COMPANYS COMPACTED PIPES PLANT, LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: T/50/14418/SG Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 11/06/1972 Effective Date: 11/06/1972 Revocation Date: -



ID	Location	Address	Details	
F	297m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995
F	297m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 2 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 18/10/1995 Effective Date: 18/10/1995 Revocation Date: 25/07/1996
6	298m W	ST MICHAEL AND ALL ANGELS CHURCH, ST MICHAEL AND ALL ANGELS CHURCH, HILL STREET, CROFT, LEICESTERSHIRE, LE9 3GT	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: EPRGP3427XH Permit Version: 1 Receiving Water: GROUND WATERS	Status: NEW ISSUED UNDER EPR 2010 Issue date: 20/12/2010 Effective Date: 20/12/2010 Revocation Date: -
G	437m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/45029/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: POST NRA LEGISLATION WHERE ISSUE DATE > 31-AUG-89 (HISTORIC ONLY) Issue date: 25/07/1996 Effective Date: 25/07/1996 Revocation Date: -
G	461m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995
G	468m E	CROFT QUARRY, MARIAN'S WAY, COVENTRY ROAD, CROFT, LEICESTERSHIRE, LE9 3GP	Effluent Type: TRADE DISCHARGES - PROCESS EFFLUENT - NOT WATER COMPANY Permit Number: T/50/08259/T Permit Version: 1 Receiving Water: RIVER SOAR	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 03/12/1980 Effective Date: 03/12/1980 Revocation Date: 17/10/1995

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



4.14 Pollutant release to surface waters (Red List)

Records within 500m 0

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

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

4.15 Pollutant release to public sewer

Records within 500m 0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m 0

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

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

4.17 List 2 Dangerous Substances

Records within 500m 2

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 32**

ID	Location	Name	Status	Receiving Water	Authorised Substances
E	259m E	Ecc Ltd Croft Quarry Outlet 3	Not Active	River Soar	Chromium
F	298m E	Ecc Ltd Croft Quarry Outlet 4	Not Active	River Soar	Chromium

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	6
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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 32**

ID	Location	Details	
A	104m SW	Incident Date: 29/03/2003 Incident Identification: 147073 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
A	104m SW	Incident Date: 29/03/2003 Incident Identification: 147073 Pollutant: Oils and Fuel Pollutant Description: Unidentified Oil	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	140m SE	Incident Date: 05/04/2002 Incident Identification: 69090 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	140m SE	Incident Date: 05/04/2002 Incident Identification: 69090 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
8	365m SE	Incident Date: 04/07/2002 Incident Identification: 89279 Pollutant: Oils and Fuel Pollutant Description: Kerosene and Aviation Fuel	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
9	367m E	Incident Date: 06/03/2003 Incident Identification: 141505 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	1
----------------------------	----------

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.

Features are displayed on the Current industrial land use map on **page 32**



ID: C, Location: 206m NE, Permit: MQ0049
 Operator: Aggregate Industries
 Activity: -
 Address: Croft Croft LEICESTER LE9 6GS
 Sector: No Far Sector, Sub-sector: No Far Sector
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Particulate matter - PM10	50000kg	Below Reporting Threshold

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.

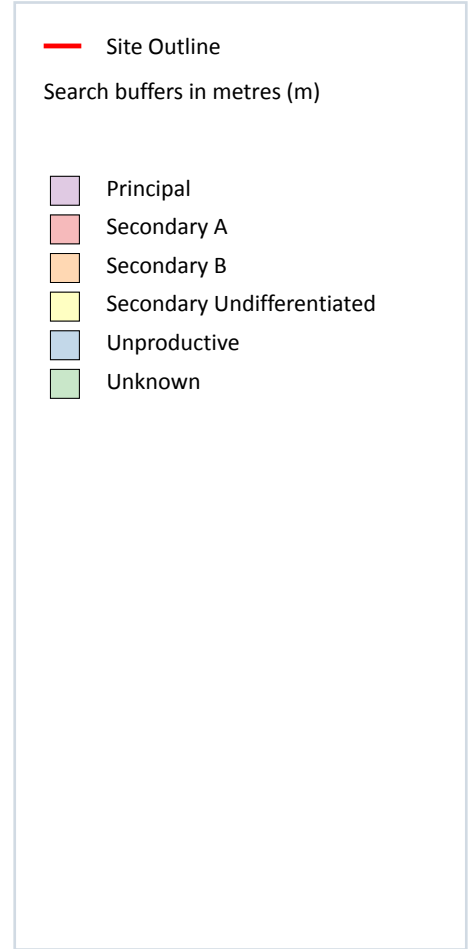
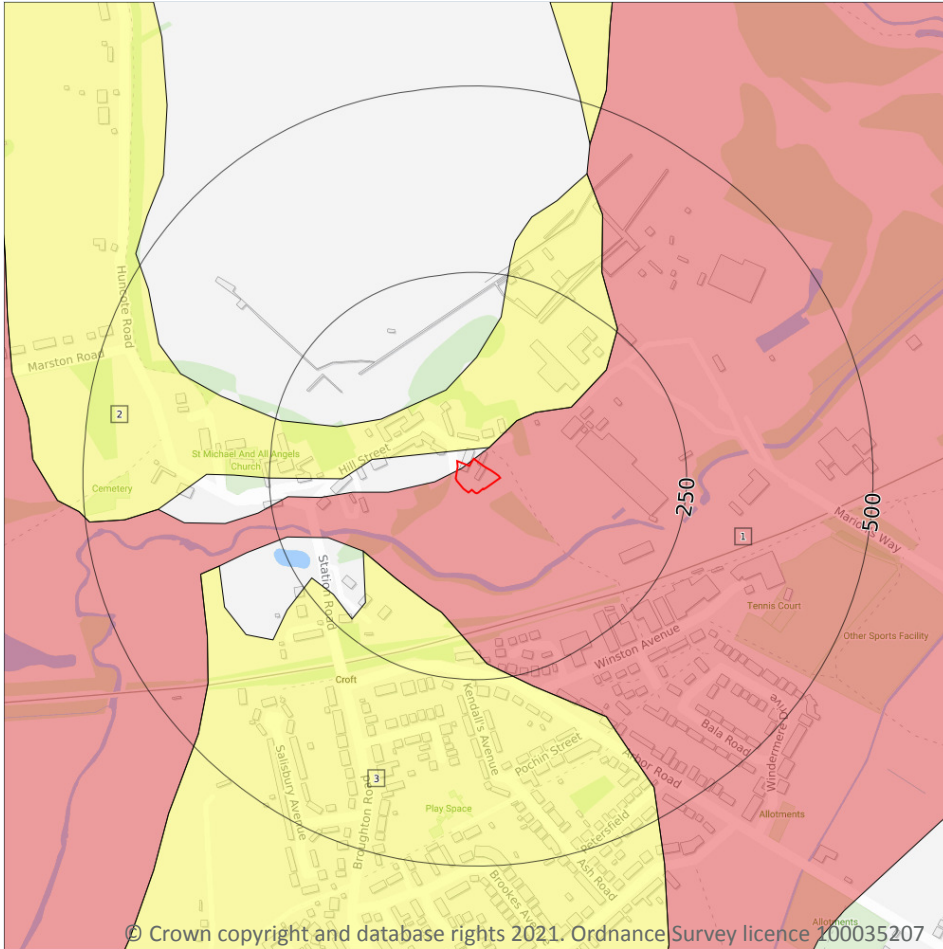
4.21 Pollution inventory radioactive waste

Records within 500m	0
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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



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 42**

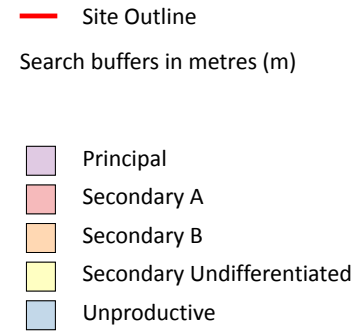
ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	13m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	151m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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



Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

1

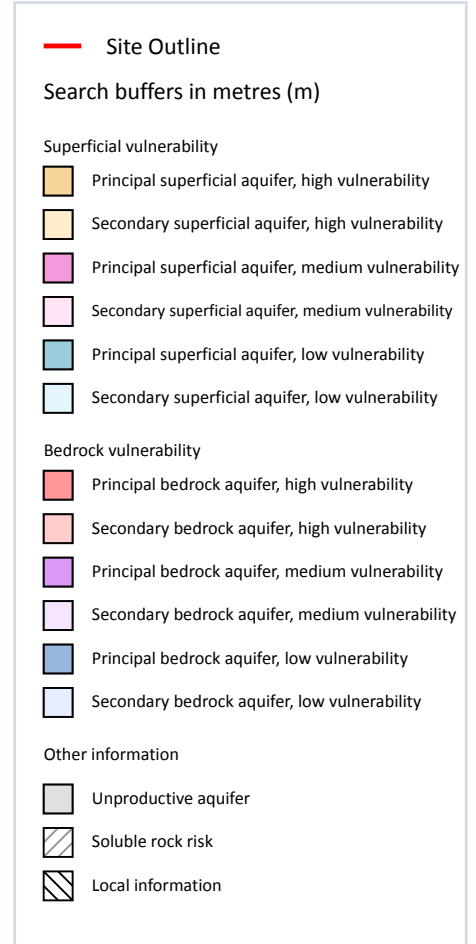
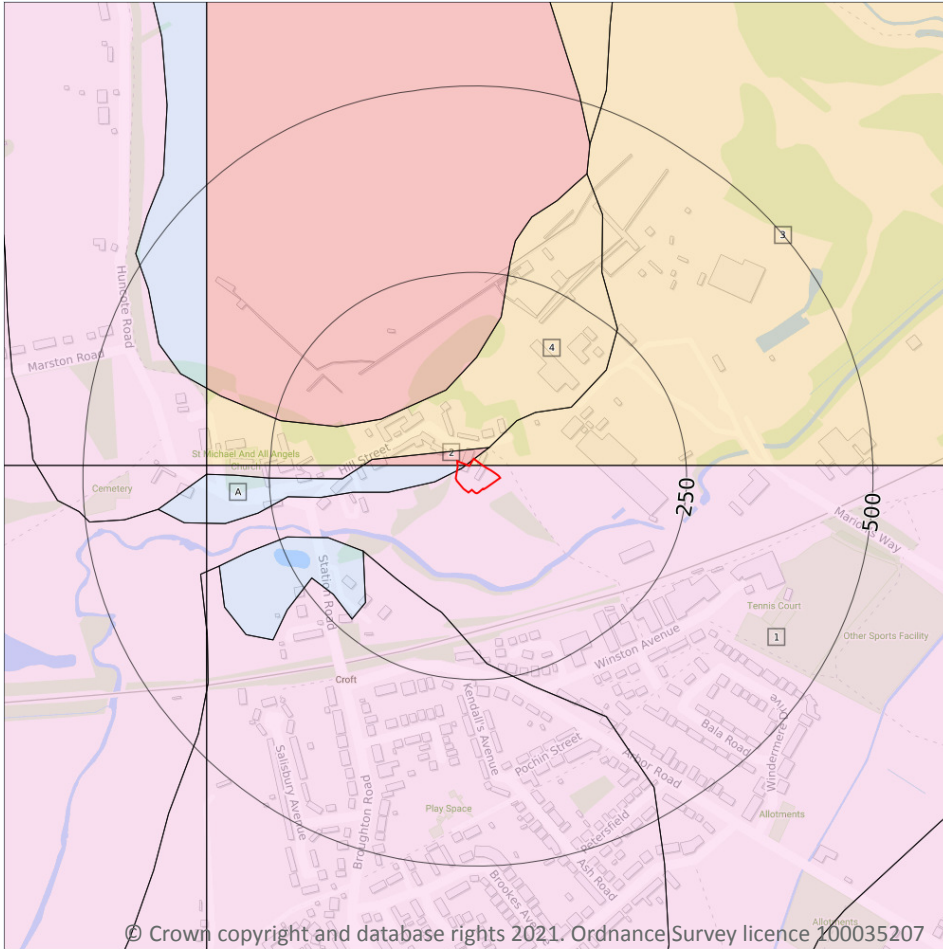
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 44**

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

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

5

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 45**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: >10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
A	On site	Summary Classification: Secondary bedrock aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Secondary Flow mechanism: Well connected fractures
4	12m N	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: >10m Patchiness value: <90% Recharge potential: High	Vulnerability: High Aquifer type: Secondary 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

0

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

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



5.5 Groundwater vulnerability- local information

Records on site

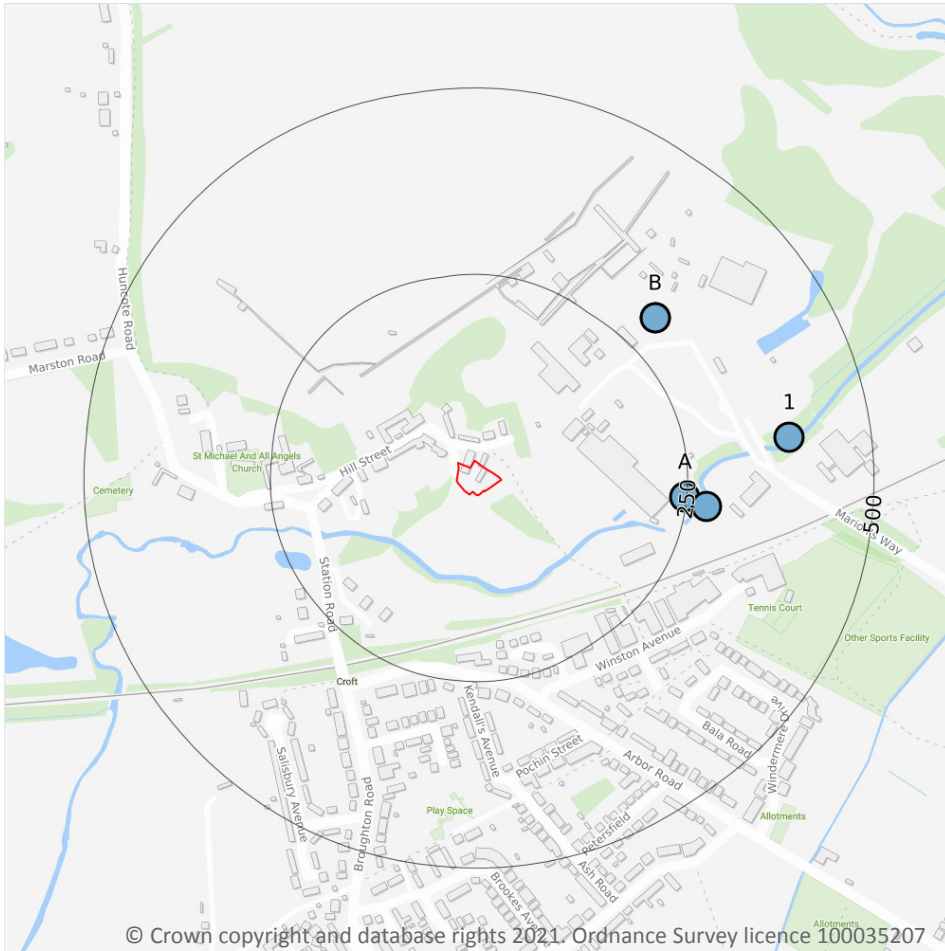
0

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



5.6 Groundwater abstractions

Records within 2000m

7

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 48**

ID	Location	Details	
-	1186m W	Status: Historical Licence No: 03/28/50/0125 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: POTTERS KILN,NR CROFT - BOREHOLE Data Type: Point Name: BRITISH WORM BREEDERS Easting: 450240 Northing: 296460	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/08/1982 Expiry Date: - Issue No: 100 Version Start Date: 04/04/1997 Version End Date: -
-	1444m NE	Status: Historical Licence No: 03/28/50/0024 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: FLASH FARM Data Type: Point Name: A H CHANTWELL & SONS (FARMERS) LTD Easting: 452700 Northing: 296600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 29/11/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1662m W	Status: Historical Licence No: 03/28/50/0074 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: POTTERS MARSTON HALL Data Type: Point Name: HOLT Easting: 449700 Northing: 296300	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1814m E	Status: Historical Licence No: 03/28/50/0063 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: LANGHAM BRIDGE FARM - WELL Data Type: Point Name: CHAPMAN Easting: 453100 Northing: 296600	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 20/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1816m S	Status: Historical Licence No: 03/28/50/0029 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: CROFT LANE FARM Data Type: Point Name: WILD Easting: 451800 Northing: 294200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -



ID	Location	Details	
-	1916m SW	Status: Historical Licence No: 03/28/50/0044 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: FOSSEFIELD FARM Data Type: Point Name: SUTTON Easting: 450600 Northing: 294200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 02/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1991m S	Status: Historical Licence No: 03/28/50/0039 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: SUTTON FARM Data Type: Point Name: OLDHAM Easting: 451700 Northing: 294000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 01/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 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 48**

ID	Location	Details	
A	247m E	Status: Historical Licence No: 03/28/50/0097 Details: Process Water Direct Source: Surface Water Midlands Region Point: CROFT QUARRY - RIVER SOAR Data Type: Point Name: AGGREGATE INDUSTRIES UK LIMITED Easting: 451640 Northing: 295960	Annual Volume (m ³): 299520 Max Daily Volume (m ³): 960 Original Application No: - Original Start Date: 14/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2006 Version End Date: -



ID	Location	Details	
A	277m E	Status: Active Licence No: 03/28/50/0097 Details: Process Water Direct Source: Surface Water Midlands Region Point: CROFT QUARRY - RIVER SOAR Data Type: Point Name: AGGREGATE INDUSTRIES UK LIMITED Easting: 451669 Northing: 295947	Annual Volume (m ³): 218,208 Max Daily Volume (m ³): 873 Original Application No: - Original Start Date: 14/04/1966 Expiry Date: - Issue No: 102 Version Start Date: 03/12/2018 Version End Date: -
B	298m NE	Status: Historical Licence No: 03/28/50/0098 Details: Process water Direct Source: Surface Water Midlands Region Point: COLLECTING POOL, DISCHARGING TO RIVER SOAR Data Type: Point Name: AGGREGATE INDUSTRIES UK LIMITED Easting: 451600 Northing: 296200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 23/12/1997 Version End Date: -
B	298m NE	Status: Historical Licence No: 03/28/50/0098 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface Water Midlands Region Point: COLLECTING POOL, DISCHARGING TO RIVER SOAR Data Type: Point Name: AGGREGATE INDUSTRIES UK LIMITED Easting: 451600 Northing: 296200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 25/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 23/12/1997 Version End Date: -
1	390m E	Status: Historical Licence No: 03/28/50/0097 Details: Process Water Direct Source: Surface Water Midlands Region Point: CROFT QUARRY - RIVER SOAR (2) Data Type: Point Name: AGGREGATE INDUSTRIES UK LIMITED Easting: 451780 Northing: 296040	Annual Volume (m ³): 299520 Max Daily Volume (m ³): 960 Original Application No: - Original Start Date: 14/04/1966 Expiry Date: - Issue No: 101 Version Start Date: 07/03/2006 Version End Date: -
-	1583m S	Status: Historical Licence No: 03/28/50/0093 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: CROFT LODGE FARM Data Type: Point Name: MASSARELLA Easting: 451100 Northing: 294400	Annual Volume (m ³): 2273 Max Daily Volume (m ³): 218 Original Application No: - Original Start Date: 30/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/03/1990 Version End Date: -



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

5.8 Potable abstractions

Records within 2000m

0

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

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

5.9 Source Protection Zones

Records within 500m

0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m

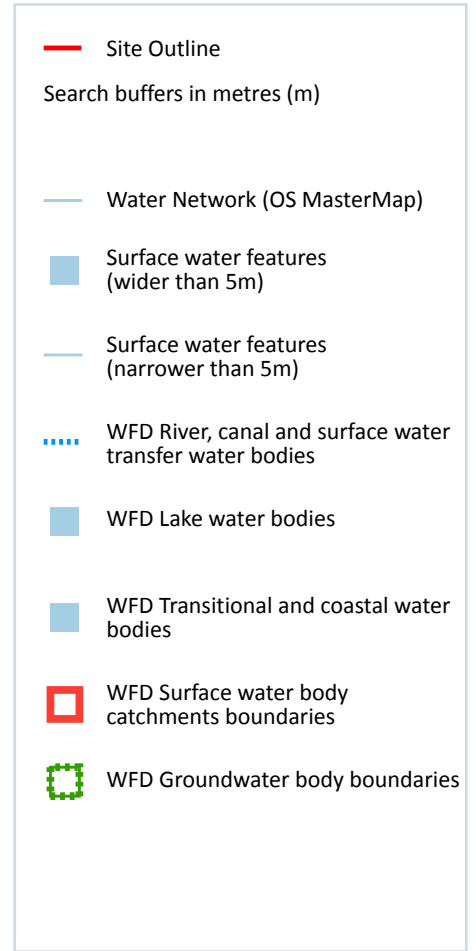
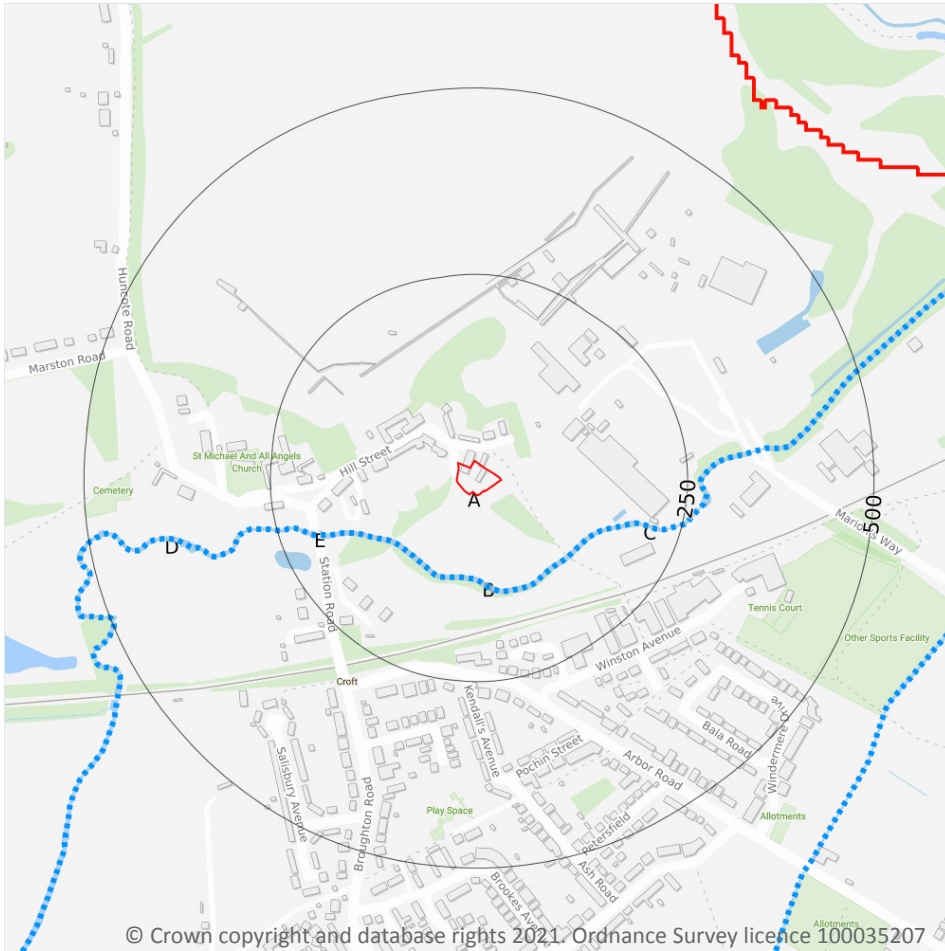
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

6

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 53**

ID	Location	Type of water feature	Ground level	Permanence	Name
B	111m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Soar

ID	Location	Type of water feature	Ground level	Permanence	Name
C	193m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Soar
C	200m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Soar
E	205m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	206m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Soar
E	206m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

4

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 53**

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 53**



ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	On site	River WB catchment	Soar from Soar Brook to Thurlaston Brook	GB104028042620	Soar River	Soar

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 53**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
1	111m SW	River	Soar from Soar Brook to Thurlaston Brook	GB104028042620	Moderate	Good	Moderate	2016

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.

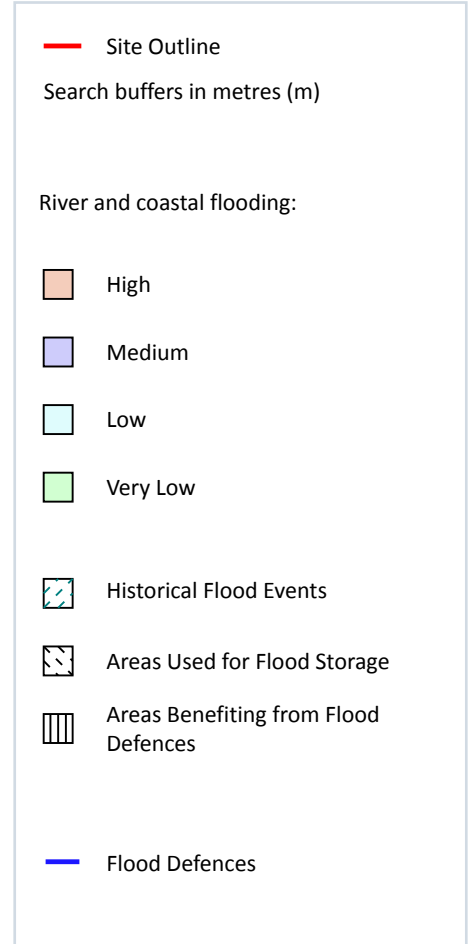
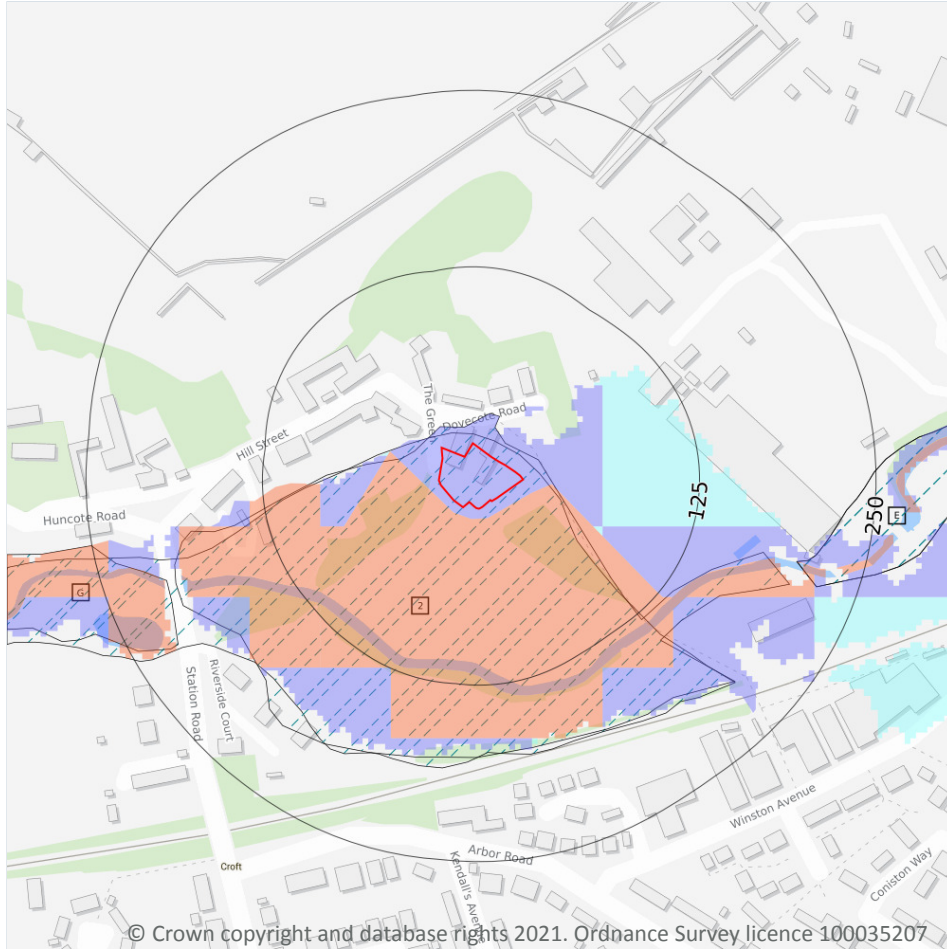
Features are displayed on the Hydrology map on **page 53**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Soar - Secondary Combined	GB40402G990600	Good	Good	Good	2015

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



7 River and coastal flooding



7.1 Risk of flooding from rivers and the sea

Records within 50m

6

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 56**

Distance	Flood risk category
On site	Medium
0 - 50m	High

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

7.2 Historical Flood Events

Records within 250m	5
----------------------------	----------

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 56**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	On site	Soar 1977	23-02-1977 28-02-1977	main river	channel capacity exceeded (no raised defences)	Fluvial
A	On site	Croft Flood 1993	1993-10-06 1993-10-06	Main river	Channel capacity exceeded (no raised defences)	Fluvial
E	203m E	Soar 1977	23/02/1977 28/02/1977	main river	channel capacity exceeded (no raised defences)	Fluvial
E	203m E	Soar 1977	23-02-1977 28-02-1977	main river	channel capacity exceeded (no raised defences)	Fluvial
G	205m W	Croft Flood 1993	1993-10-06 1993-10-06	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 56**

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

1

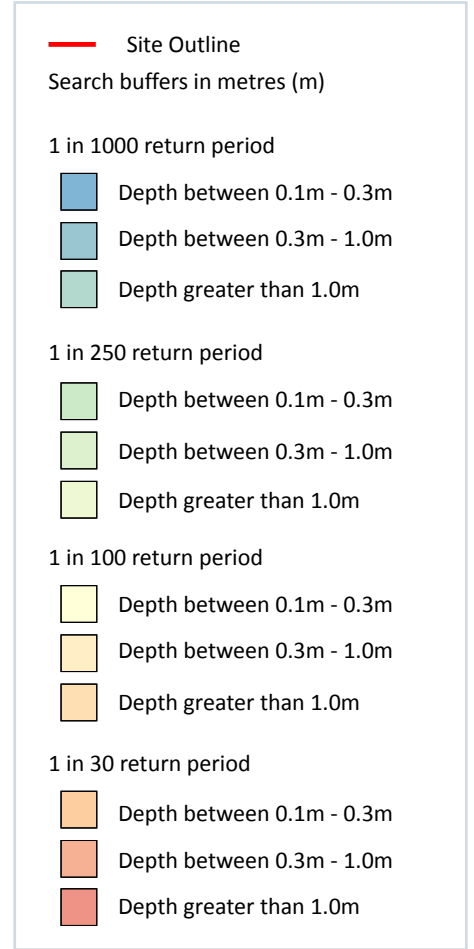
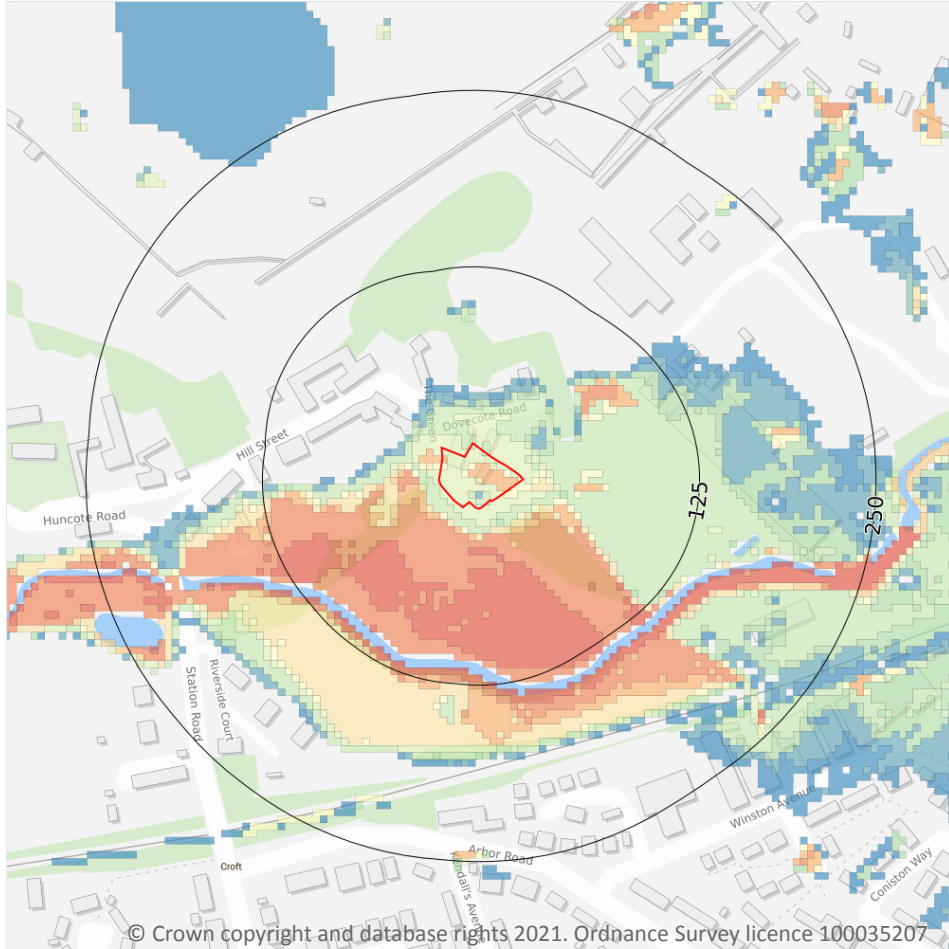
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 56**

Location	Type
On site	Zone 3 - (Fluvial Models)

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, Greater than 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 61**

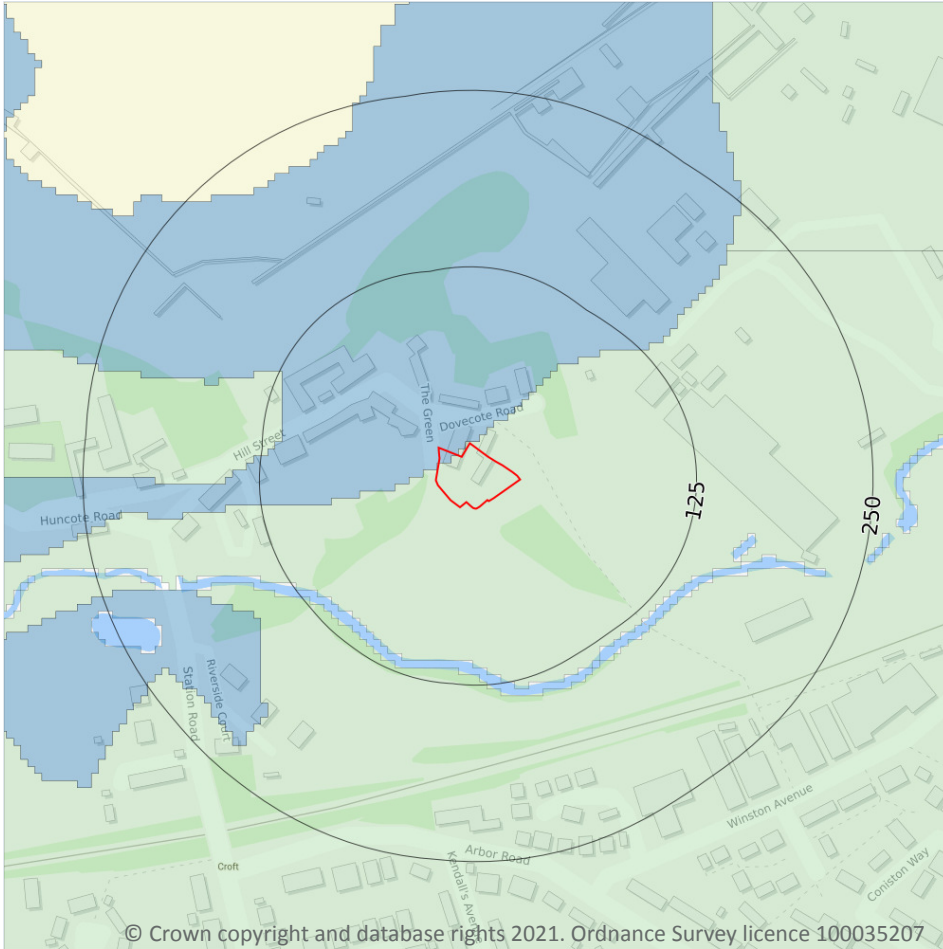
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Between 0.3m and 1.0m
1 in 30 year	Between 0.1m and 0.3m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

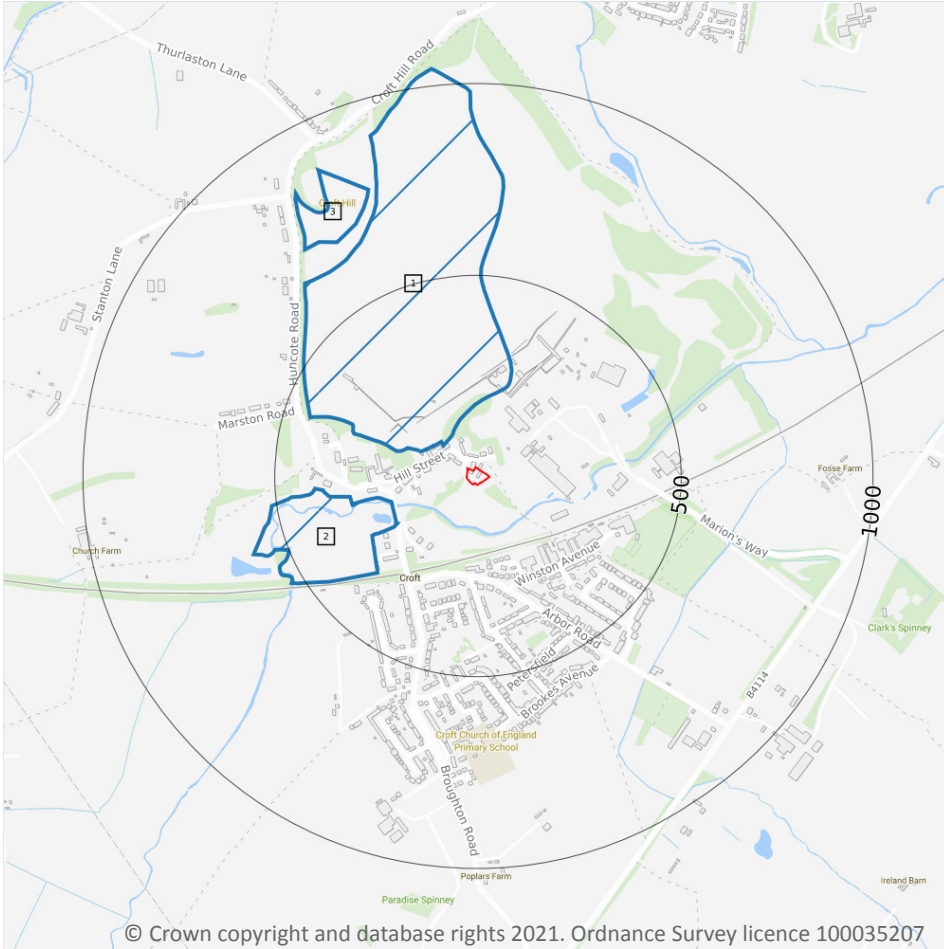
Low

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 63**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

3

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

Features are displayed on the Environmental designations map on **page 64**

ID	Location	Name	Data source
1	86m NW	Croft and Huncote Quarry	Natural England

ID	Location	Name	Data source
2	206m W	Croft Pasture	Natural England
3	680m NW	Croft Hill	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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



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

10.6 Local Nature Reserves (LNR)

Records within 2000m

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

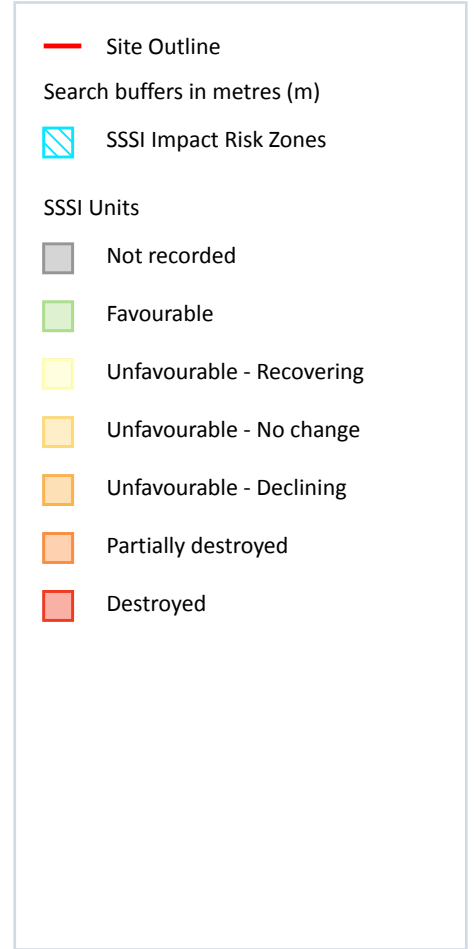
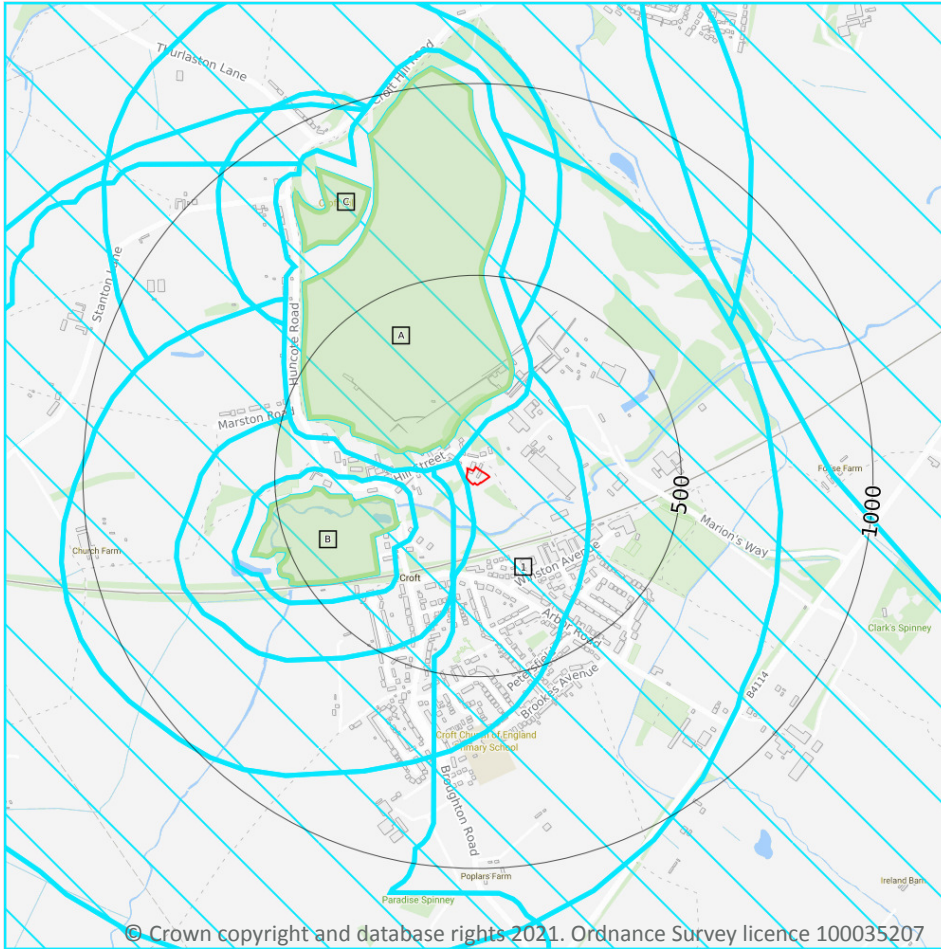
2

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	SOAR R NVZ	Surface Water	S309	Existing
On site	SOAR R NVZ	Surface Water	S309	Existing

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

SSSI Impact Zones and Units



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 69**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Pipelines, pylons and overhead cables. Any transport proposal including road, rail and by water (excluding routine maintenance). Airports, helipads and other aviation proposals</p> <p>Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction.</p> <p>Residential - Residential development of 100 units or more.</p> <p>Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas.</p> <p>Air pollution - Any development that could cause AIR POLLUTION (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons/manure stores).</p> <p>Combustion - All general combustion processes. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.</p> <p>Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management</p> <p>Composting - Any composting proposal. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p> <p>Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

3

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

Features are displayed on the SSSI Impact Zones and Units map on **page 69**

ID: A
 Location: 86m NW
 SSSI name: Croft and Huncote Quarry
 Unit name: Granite Quarry And Assoc. Land
 Broad habitat: Earth Heritage
 Condition: Favourable
 Reportable features:

Feature name	Feature condition	Date of assessment
EA - Caledonian Igneous	Favourable	18/02/2016
EA - Mineralogy	Favourable	18/02/2016



ID: B
Location: 206m W
SSSI name: Croft Pasture
Unit name: 1
Broad habitat: Acid Grassland - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland dry acid grassland (U1b,c,d,f)	Favourable	08/07/2010

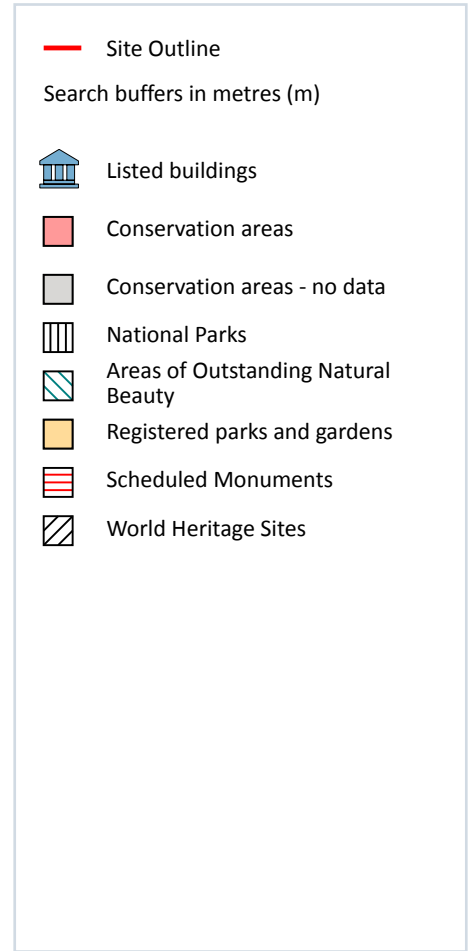
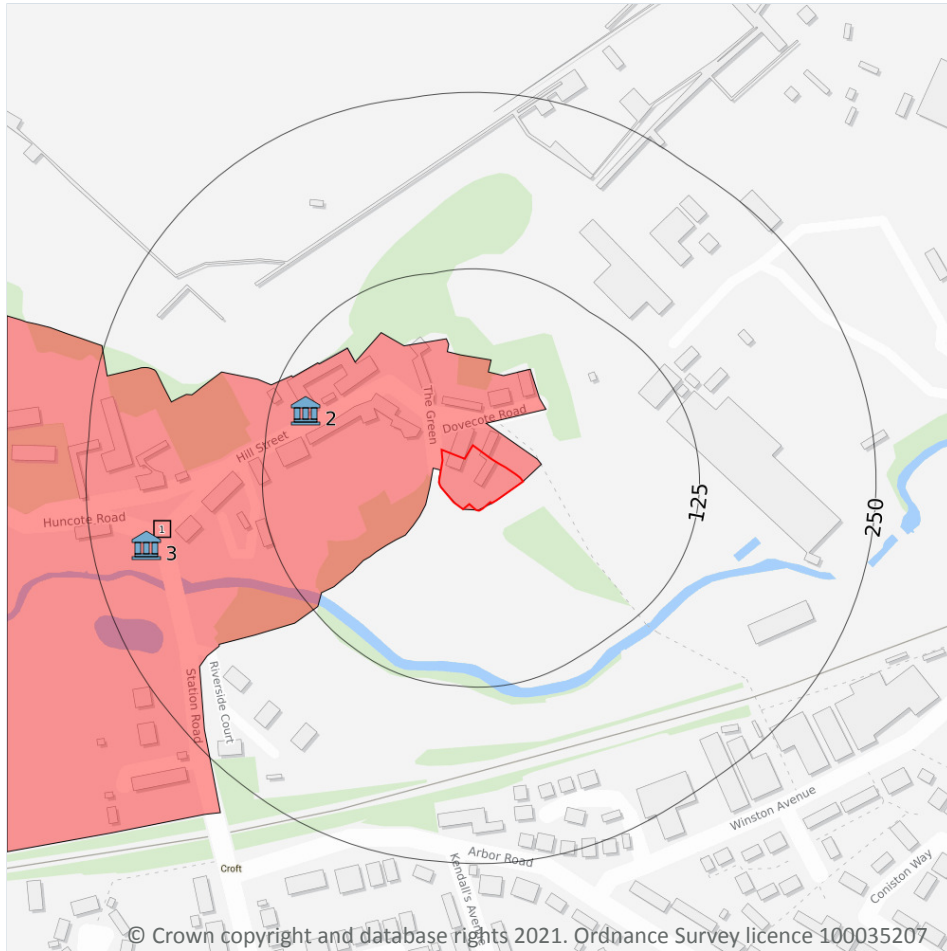
ID: C
Location: 680m NW
SSSI name: Croft Hill
Unit name: Croft Hill
Broad habitat: Acid Grassland - Lowland
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Lowland dry acid grassland (U1b,c,d,f)	Favourable	29/09/2009

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

2

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

Features are displayed on the Visual and cultural designations map on **page 72**

ID	Location	Name	Grade	Reference Number	Listed date
2	100m W	Number 5 And Adjoining Boundary Wall And Butchers Shop, Croft, Blaby, Leicestershire, LE9	II	1074690	27/04/1988
3	212m W	War Memorial Cross And Enclosure, Croft, Blaby, Leicestershire, LE9	II	1177841	27/04/1988

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



11.5 Conservation Areas

Records within 250m

1

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

Features are displayed on the Visual and cultural designations map on **page 72**

ID	Location	Name	District	Date of designation
1	On site	Croft	Blaby	04/10/2016

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

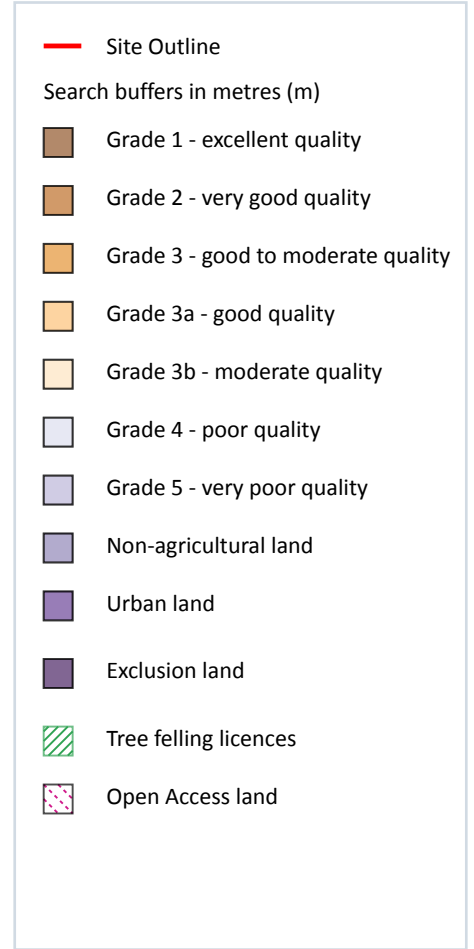
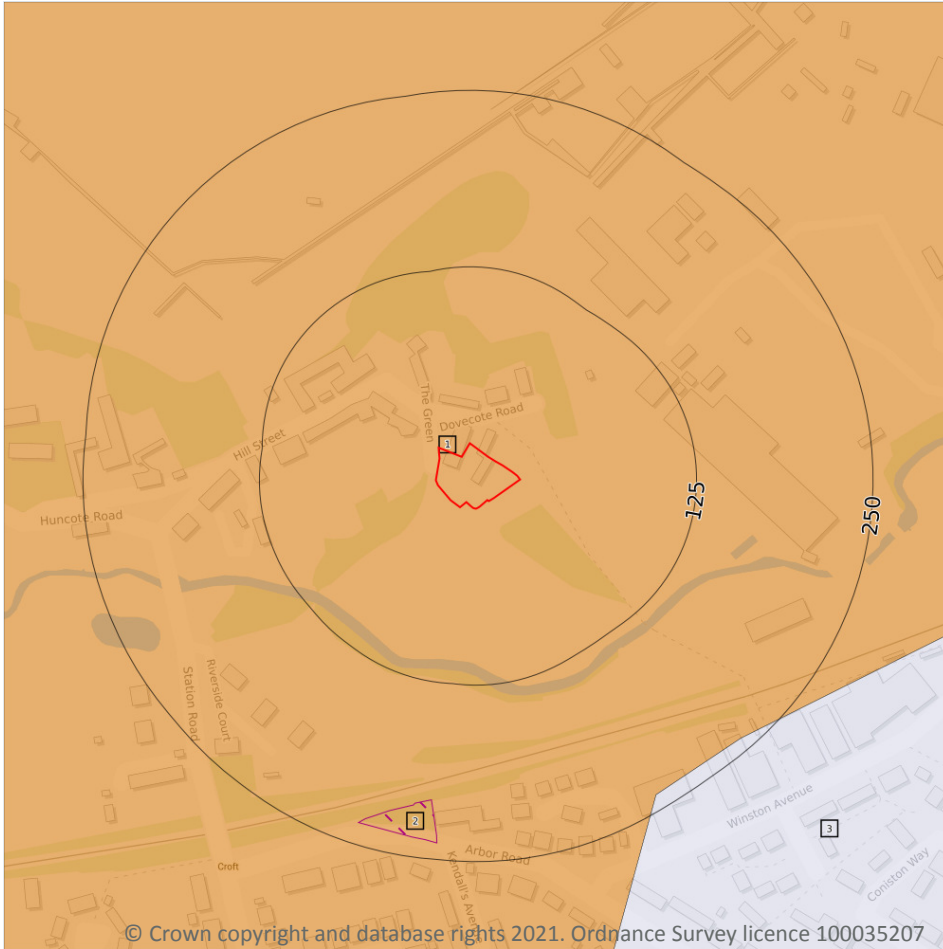
Records within 250m

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



12.1 Agricultural Land Classification

Records within 250m

2

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 75**

ID	Location	Classification	Description
1	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

ID	Location	Classification	Description
3	239m SE	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	1
----------------------------	----------

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.

Features are displayed on the Agricultural designations map on **page 75**

ID	Location	Name	Classification	Other relevant legislation
2	208m S	Land on Arbor Road	Section 4 Conclusive Registered Common Land	-

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

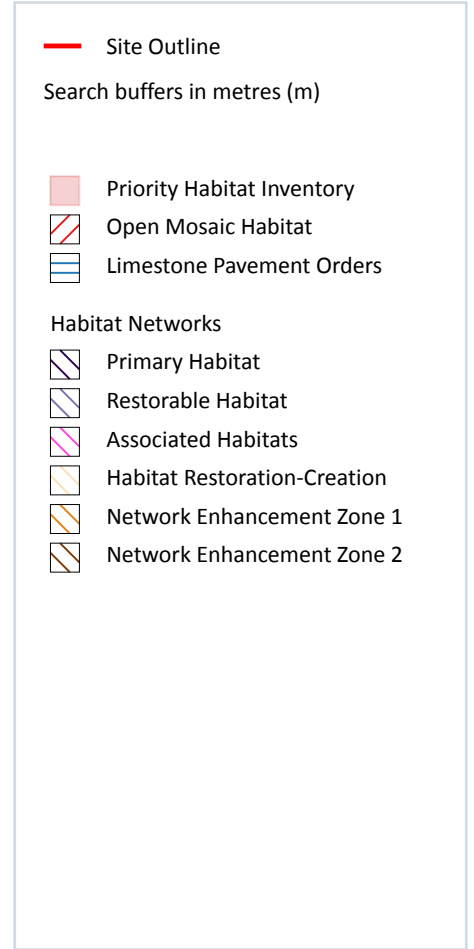
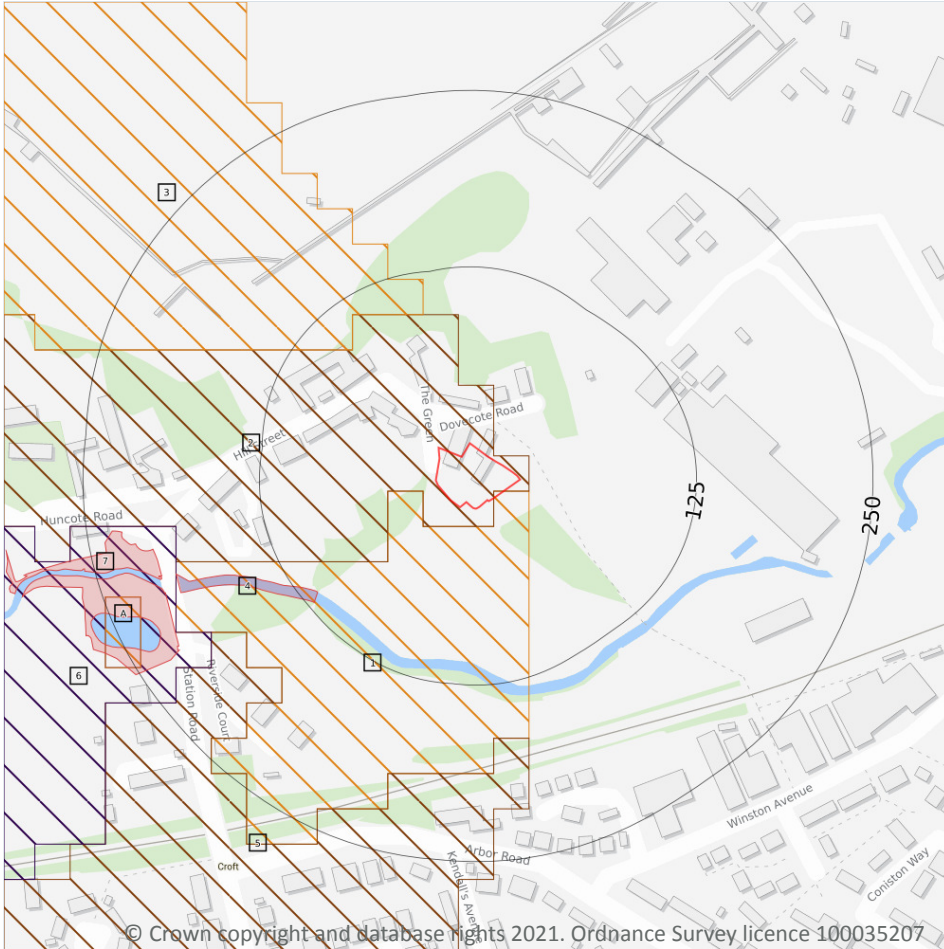
0

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

3

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

Features are displayed on the Habitat designations map on **page 78**

ID	Location	Main Habitat	Other habitats
4	114m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	205m W	Lowland dry acid grassland	Main habitat: LDAGR (INV > 50%)
A	208m SW	Lowland dry acid grassland	Main habitat: LDAGR (INV > 50%, ENSIS L1)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	6
----------------------------	----------

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

Features are displayed on the Habitat designations map on **page 78**

ID	Location	Type	Habitat
1	On site	Network Enhancement Zone 1	Not specified
2	On site	Network Enhancement Zone 2	Not specified
3	92m NW	Network Enhancement Zone 1	Not specified
5	163m S	Network Enhancement Zone 2	Not specified
6	187m W	Primary Habitat	Lowland dry acid grassland
A	225m W	Network Enhancement Zone 1	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

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

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

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.

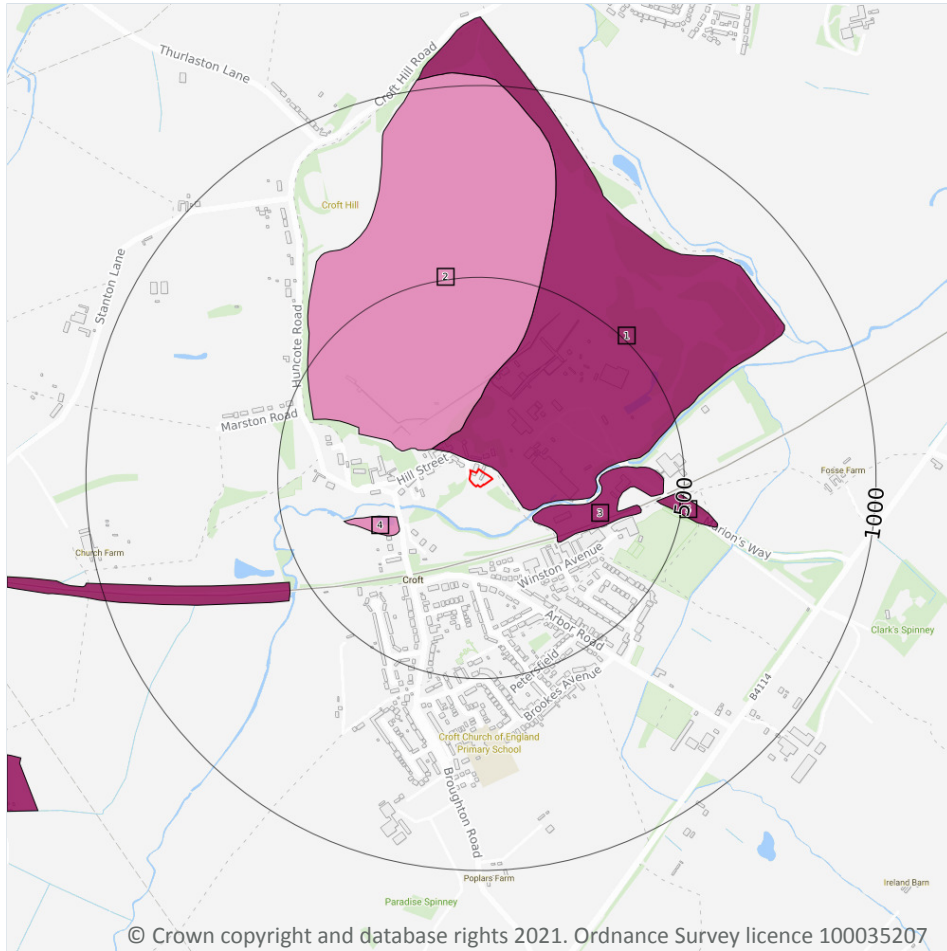
Features are displayed on the Geology 1:10,000 scale - Availability map on **page 80**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SP59NW

This data is sourced from the British Geological Survey.



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



14.2 Artificial and made ground (10k)

Records within 500m

5

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 81**

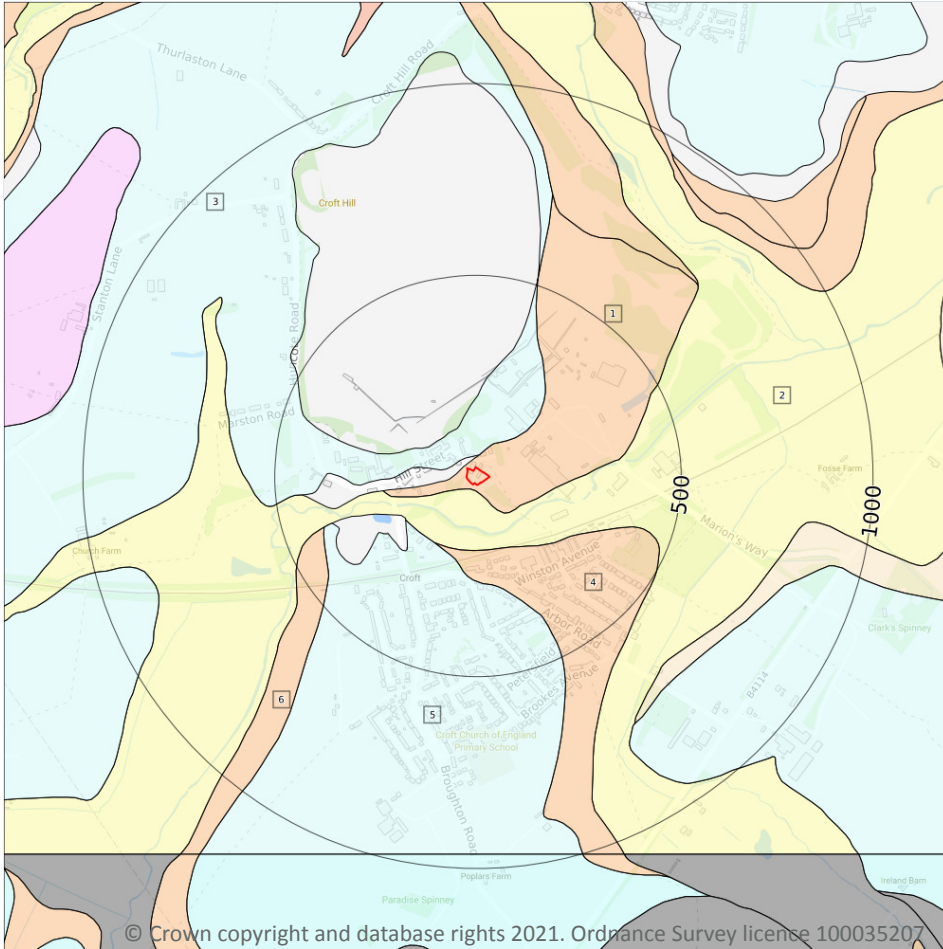
ID	Location	LEX Code	Description	Rock description
1	17m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	101m NW	WGR-VOID	Worked Ground (Undivided)	Void
3	144m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	213m SW	WGR-VOID	Worked Ground (Undivided)	Void

ID	Location	LEX Code	Description	Rock description
5	433m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

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

6

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 83**

ID	Location	LEX Code	Description	Rock description
1	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
2	14m S	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
3	26m NW	TILL-DMTN	Till - Diamicton	Diamicton
4	171m S	RTD1-XSV	River Terrace Deposits, 1 - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	182m SW	TILL-DMTN	Till - Diamicton	Diamicton
6	393m W	RTD1-XSV	River Terrace Deposits, 1 - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

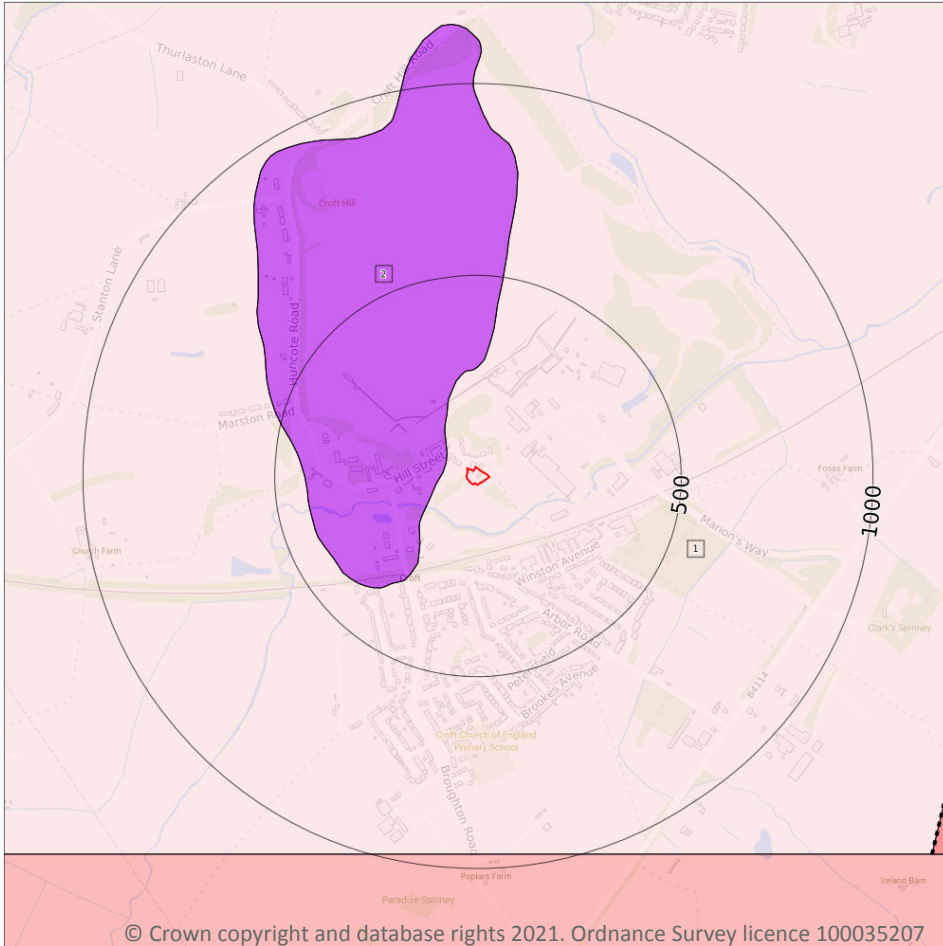
0

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

2

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 85**

ID	Location	LEX Code	Description	Rock age
1	On site	EDW-MDST	Edwalton Member - Mudstone	Carnian Age
2	57m W	SLED-DI	South Leicestershire Diorite Complex - Diorite	Caradoc Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

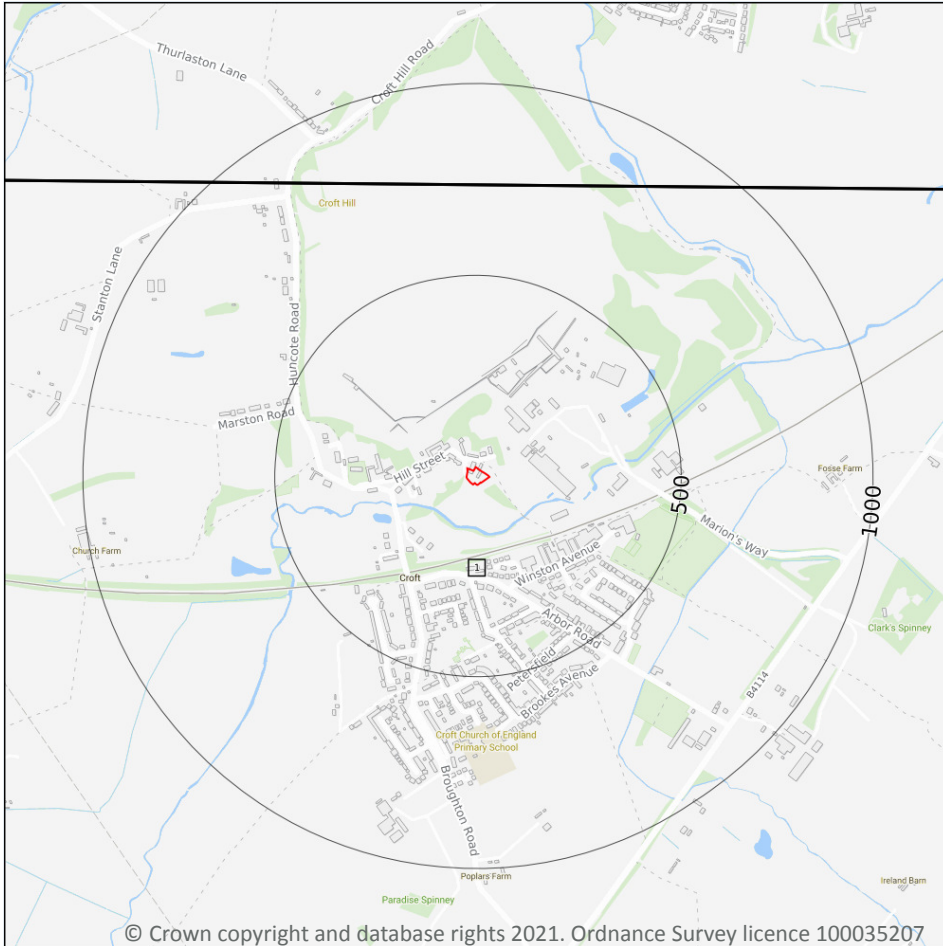
0

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.

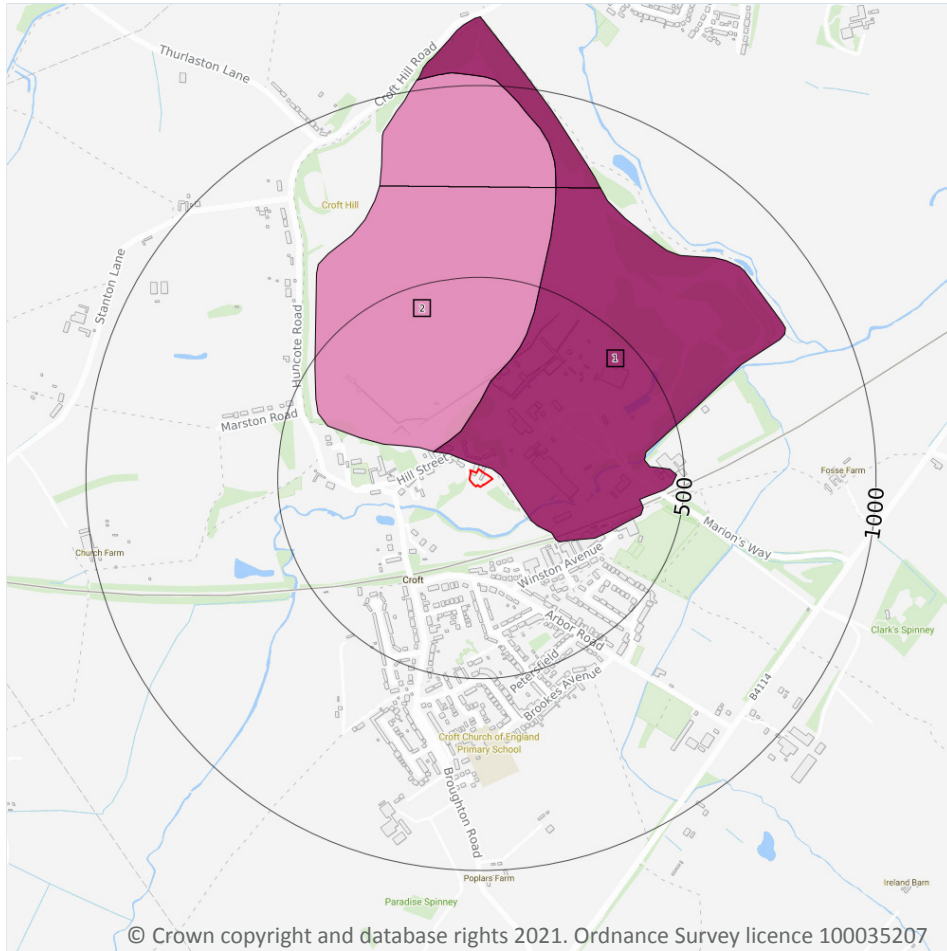
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 87**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW169_coventry_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

2

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.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 88**

ID	Location	LEX Code	Description	Rock description
1	11m N	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	95m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m**1**

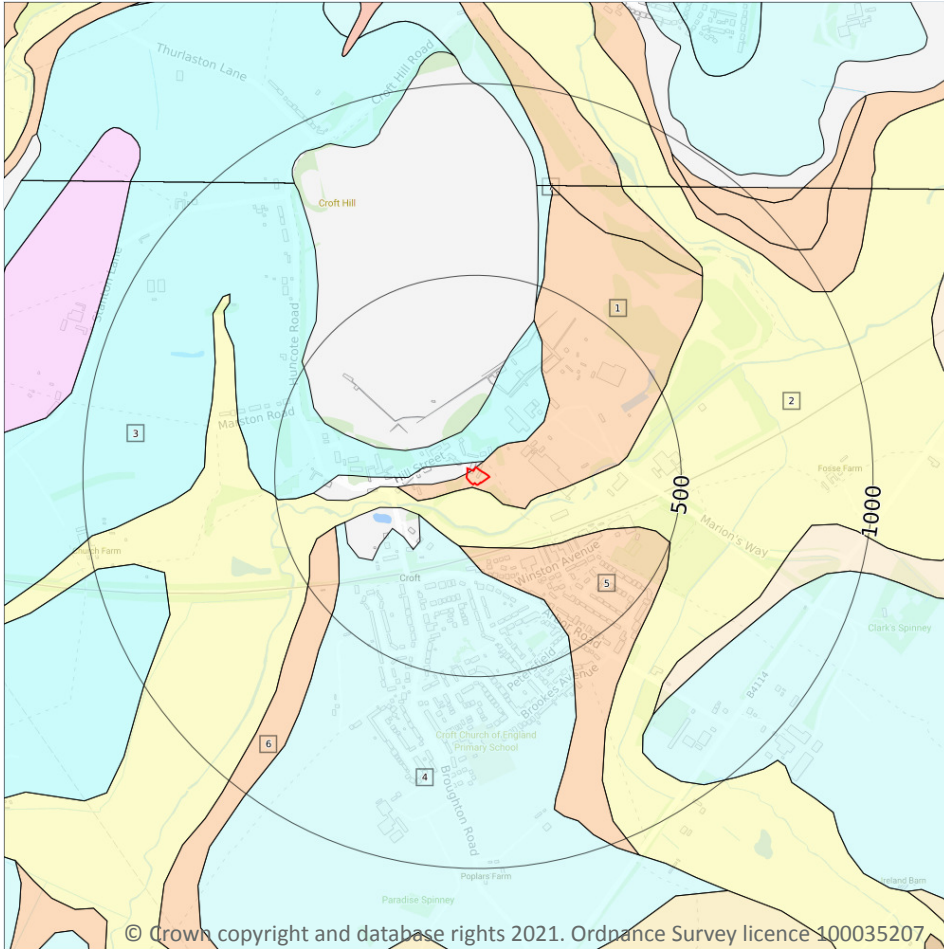
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).


Location	Flow type	Maximum permeability	Minimum permeability
11m NE	Mixed	Very High	Low

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

7

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

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

ID	Location	LEX Code	Description	Rock description
1	On site	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
2	8m S	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	13m N	ODT-DMTN	OADBY MEMBER	DIAMICTON
4	151m SW	THT-DMTN	THRUSLINGTON MEMBER	DIAMICTON



ID	Location	LEX Code	Description	Rock description
5	162m S	RTD1-XSV	RIVER TERRACE DEPOSITS, 1	SAND AND GRAVEL
6	365m W	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
7	450m N	THT-DMTN	THRUSSINGTON MEMBER	DIAMICTON

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	3
---------------------------	----------

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Intergranular	Very High	High
8m NE	Intergranular	High	Very Low
13m NW	Mixed	Moderate	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)

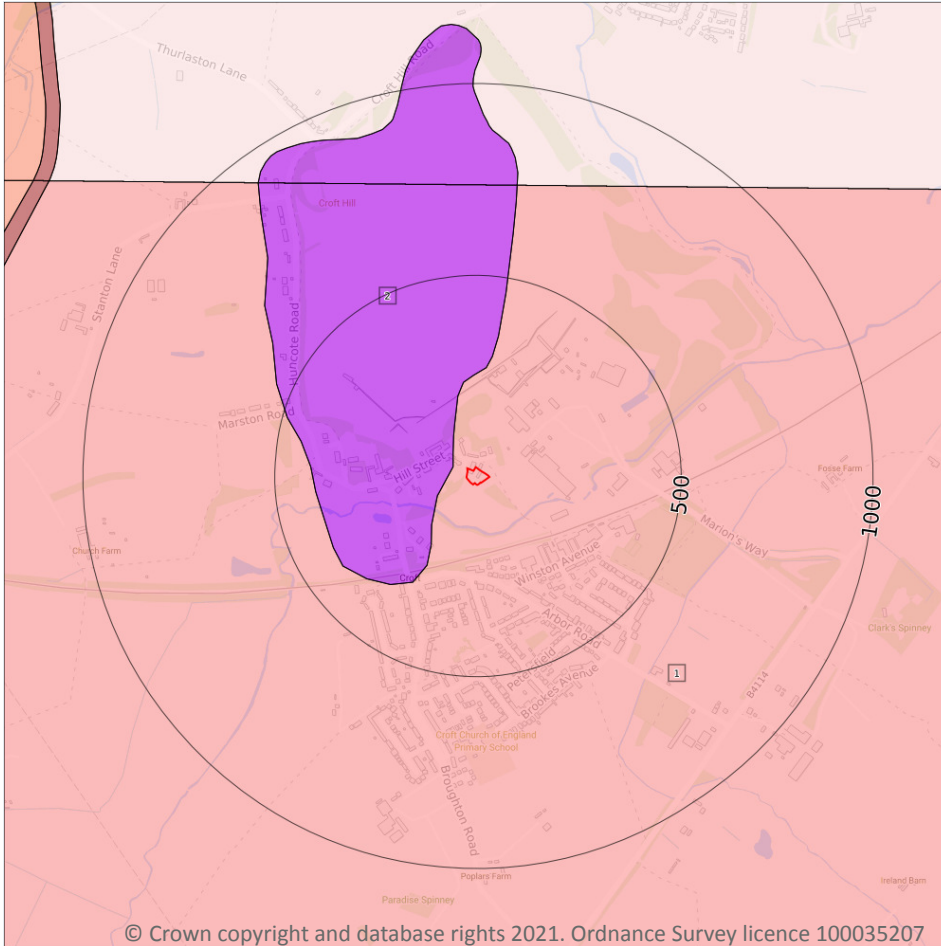
Records within 50m	0
---------------------------	----------

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

2

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

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

ID	Location	LEX Code	Description	Rock age
1	On site	MMG-MDST	MERCIA MUDSTONE GROUP - MUDSTONE	-
2	37m W	SLED-QDI	SOUTH LEICESTERSHIRE DIORITE COMPLEX - QUARTZ-DIORITE	-

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

2

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Fracture	Low	Low
37m NW	Fracture	Low	Low

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

16.1 BGS Boreholes

Records within 250m

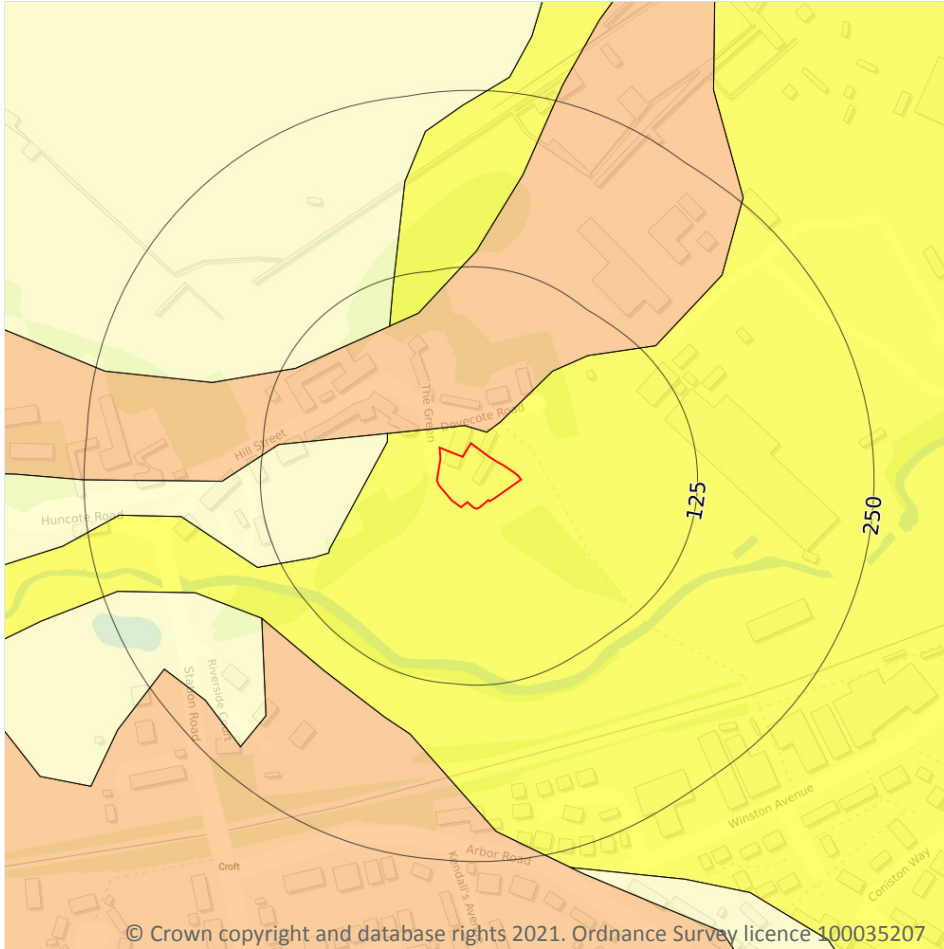
0

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.

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

3

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).

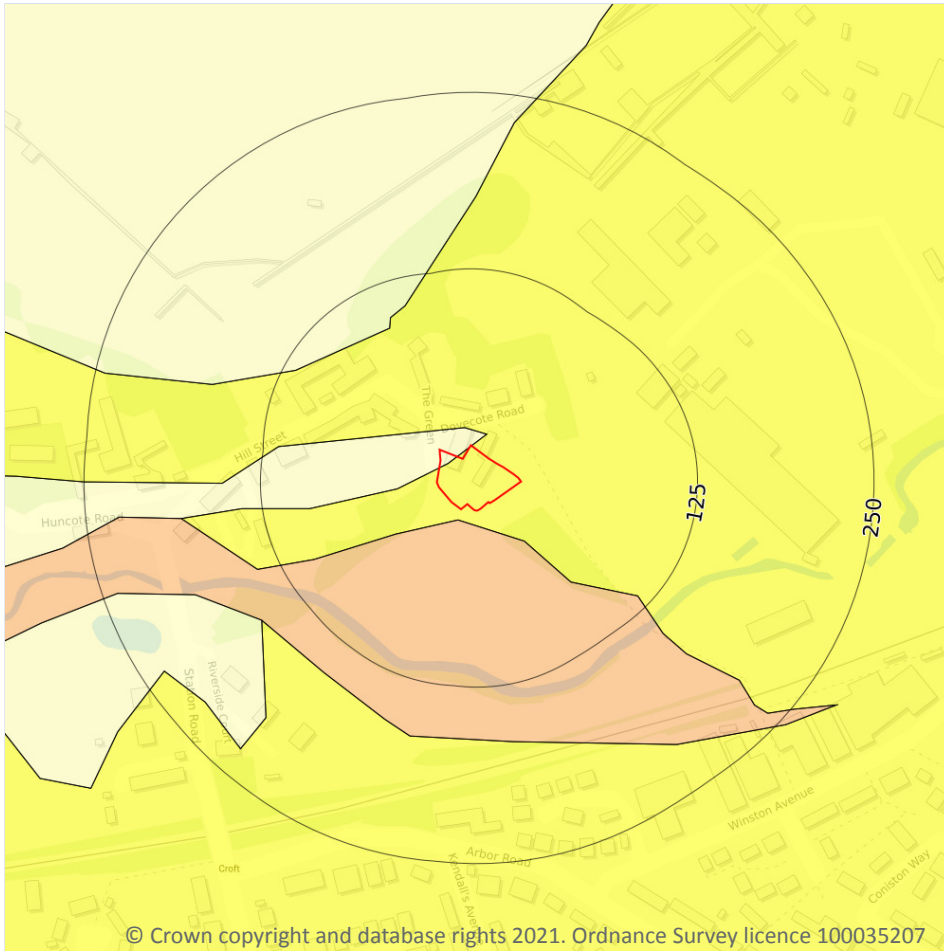
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 95**

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
11m N	Low	Ground conditions predominantly medium plasticity.
37m W	Negligible	Ground conditions predominantly non-plastic.

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

3

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

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

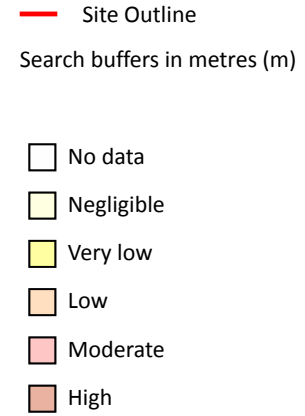
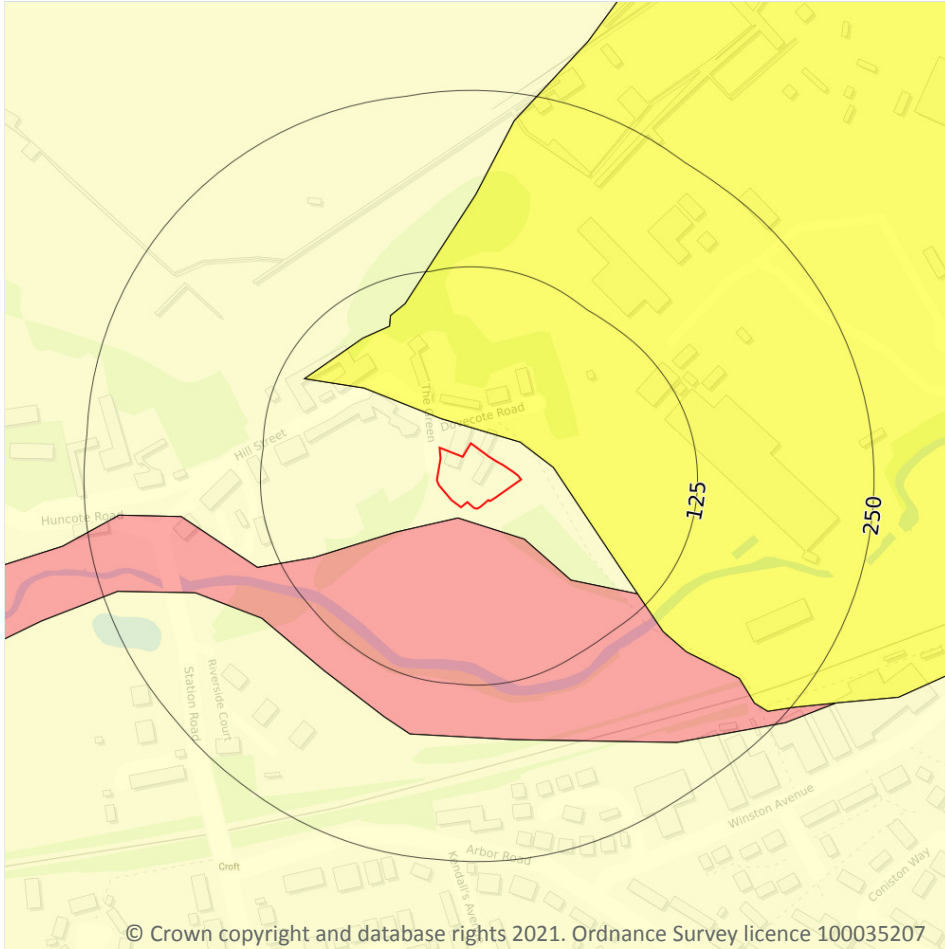
Location	Hazard rating	Details
On site	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.

Location	Hazard rating	Details
On site	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
8m S	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

3

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 99**

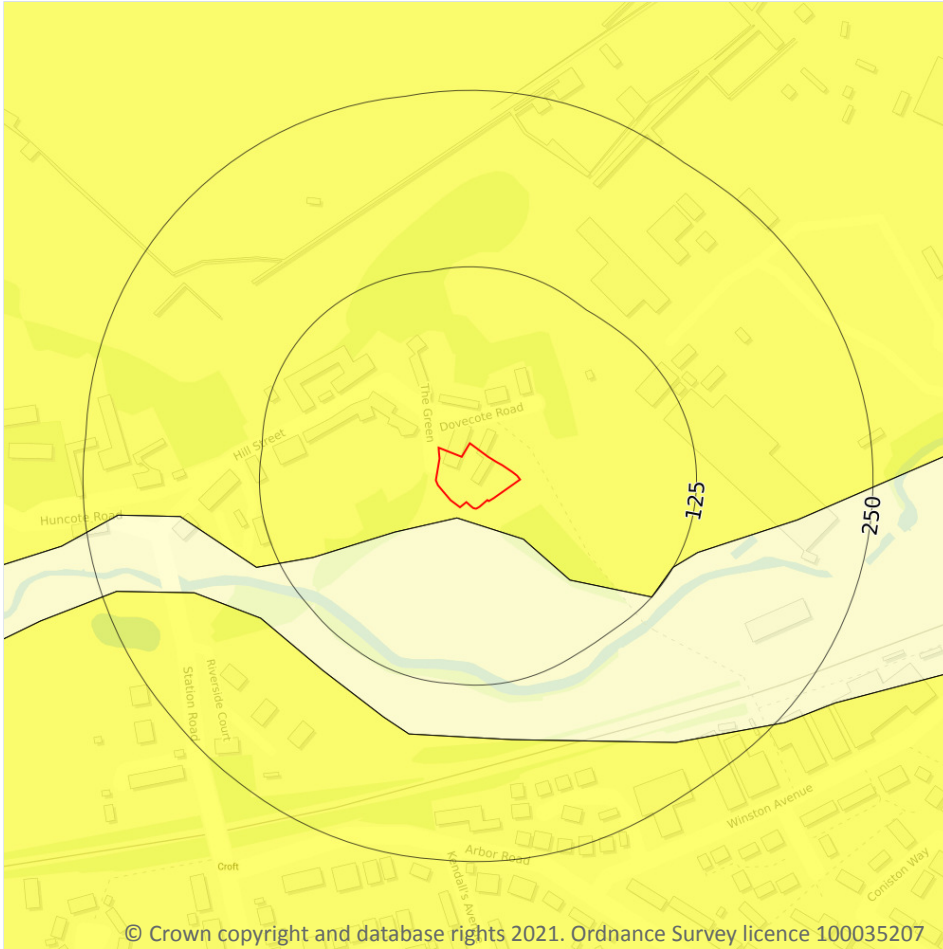
Location	Hazard rating	Details
On site	Negligible	Compressible strata are not thought to occur.
8m S	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

Location	Hazard rating	Details
11m N	Very low	Compressibility and uneven settlement problems are not likely to be significant on the site for most land uses.

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

2

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

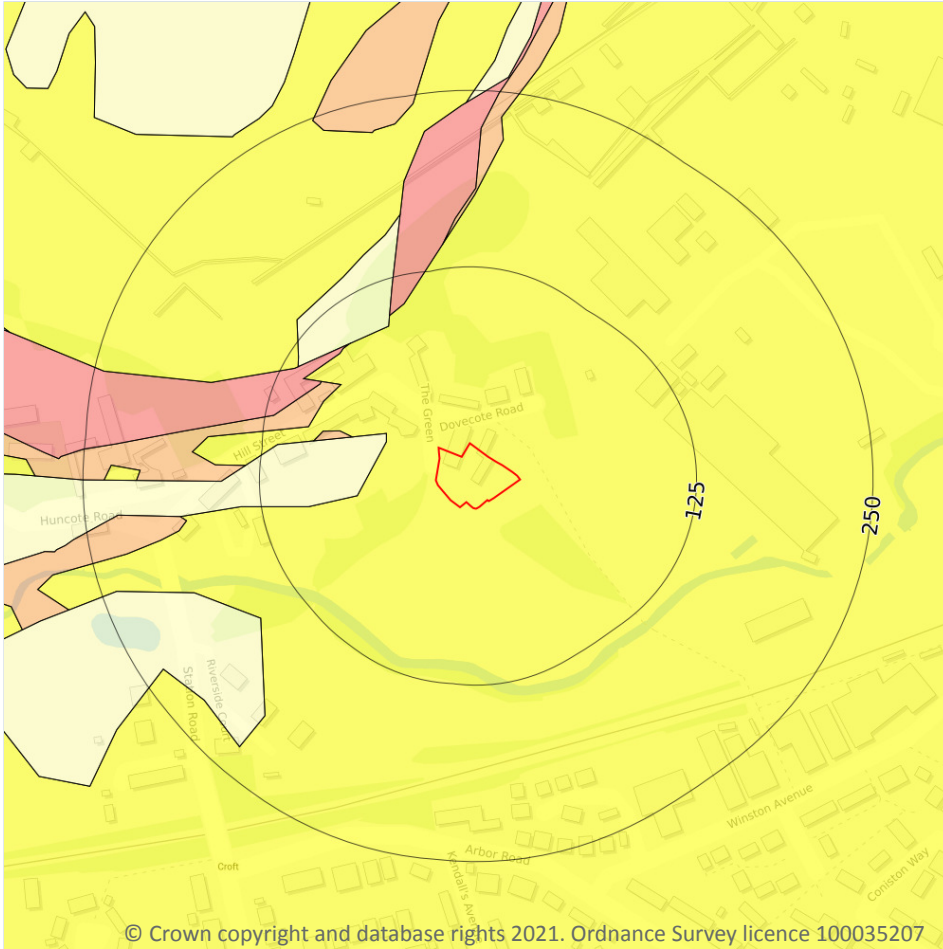
Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 101**

Location	Hazard rating	Details
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
8m S	Negligible	Deposits with potential to collapse when loaded and saturated are believed not 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

17.5 Landslides

Records within 50m

2

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

Features are displayed on the Natural ground subsidence - Landslides map on **page 102**

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

Location	Hazard rating	Details
37m W	Negligible	Slope instability problems are not thought 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.

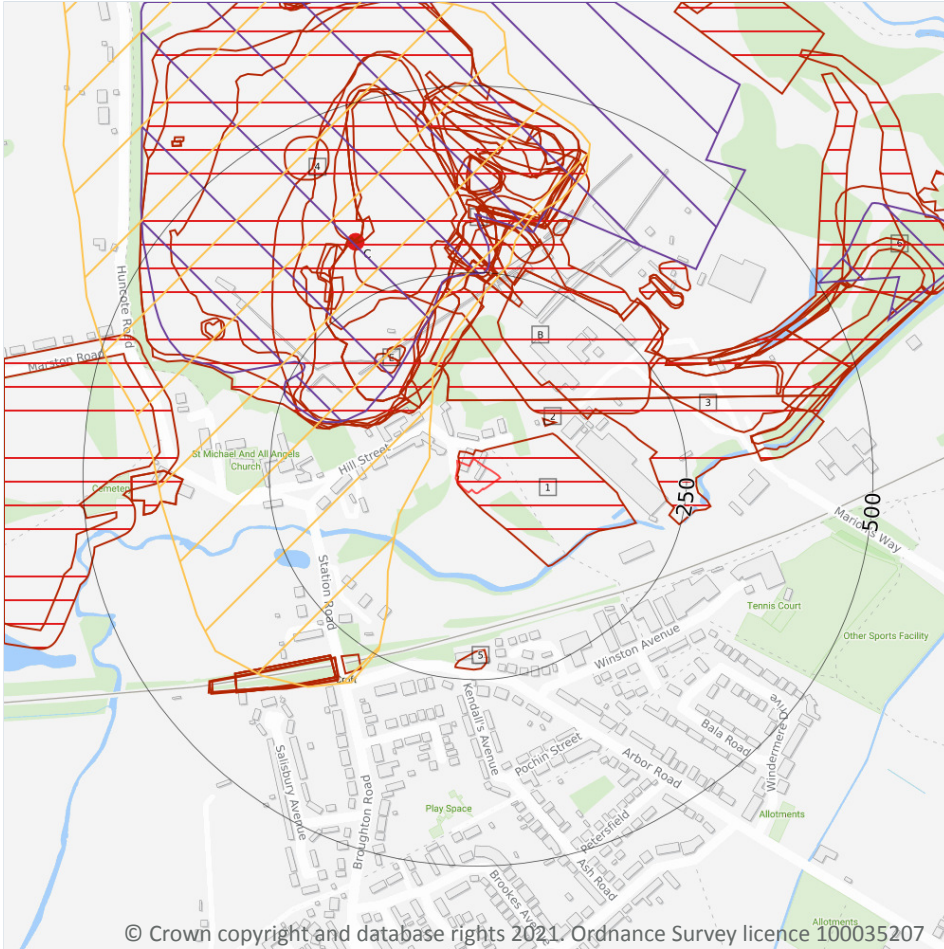
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 104**

Location	Hazard rating	Details
On site	Negligible	Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.

This data is sourced from the British Geological Survey.



18 Mining, ground workings and natural cavities



18.1 Natural cavities

Records within 500m

0

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

This data is sourced from Stantec UK Ltd.

18.2 BritPits

Records within 500m

1

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 106**

ID	Location	Details	Description
C	324m NW	Name: Croft Quarry Address: Croft, LEICESTER, Leicestershire Commodity: Igneous & Metamorphic Rock Status: Active	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which is actively extracting mineral products, or in the case of wharfs and rail depots, is actively handing minerals

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

22

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 106**

ID	Location	Land Use	Year of mapping	Mapping scale
1	On site	Granite, Brick and Concrete Works	1904	1:10560
B	79m N	Granite, Brick and Concrete Works	1938	1:10560
B	79m N	Granite, Brick and Concrete Works	1914	1:10560
C	88m NW	Unspecified Quarry	1967	1:10560
C	88m NW	Granite Quarry	1973	1:10000
2	92m NE	Pond	1904	1:10560
D	99m NE	Unspecified Quarry	1886	1:10560
C	102m NW	Granite Quarry	1992	1:10000
C	107m NW	Granite Quarry	1981	1:10000
C	108m NW	Granite Quarry	1950	1:10560
C	118m NW	Unspecified Quarry	1938	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
C	118m NW	Granite Quarry	1938	1:10560
C	118m NW	Granite Quarry	1914	1:10560
3	132m NE	Granite, Brick and Concrete Works	1950	1:10560
E	147m NW	Unspecified Pit	1904	1:10560
E	156m NW	Unspecified Quarry	1904	1:10560
5	210m S	Unspecified Pit	1886	1:10560
D	213m N	Cuttings	1886	1:10560
D	218m N	Cuttings	1904	1:10560
C	229m N	Granite Quarry	1904	1:10560
D	237m N	Cuttings	1914	1:10560
6	241m NE	Refuse Heap	1973	1:10000

This data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m

1

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.

Features are displayed on the Mining, ground workings and natural cavities map on **page 106**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
4	137m NW	Croft	Igneous rock	Surface mineral working	Valid	9/9/47

This data is sourced from the British Geological Survey.



18.6 Non-coal mining

Records within 1000m

1

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 106**

ID	Location	Name	Commodity	Class	Likelihood
A	37m W	Not available	Vein Mineral	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

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

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

0

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

This data is sourced from the Coal Authority.



18.10 Brine areas

Records on site	0
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The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

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

18.11 Gypsum areas

Records on site	0
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Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

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

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

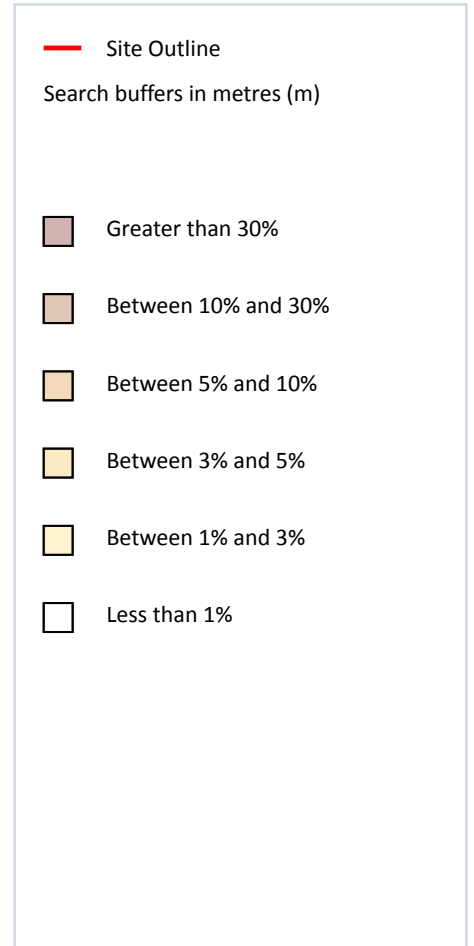
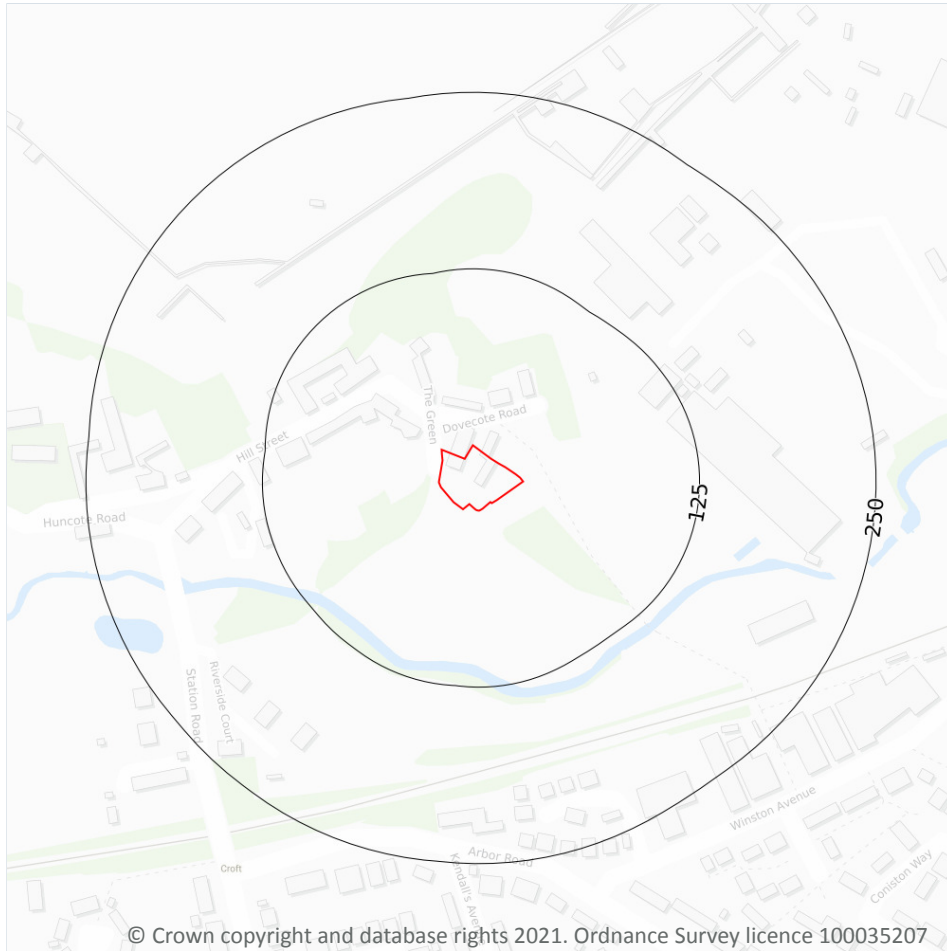
18.13 Clay mining

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 Radon



19.1 Radon

Records on site

1

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

Features are displayed on the Radon map on **page 111**

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

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



20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m

12

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 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
On site	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
8m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
13m N	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
37m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
38m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
43m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
43m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m

0

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



between the measured sample locations (4 per km²).

This data is sourced from the British Geological Survey.

20.3 BGS Measured Urban Soil Chemistry

Records within 50m

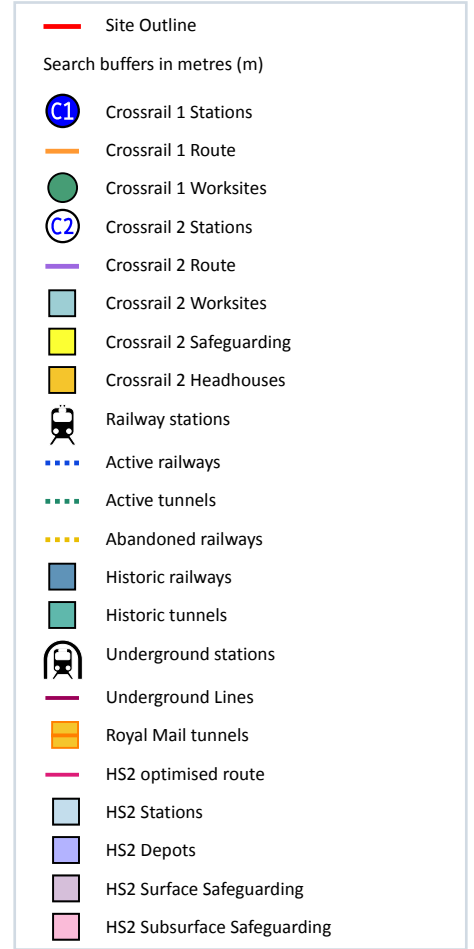
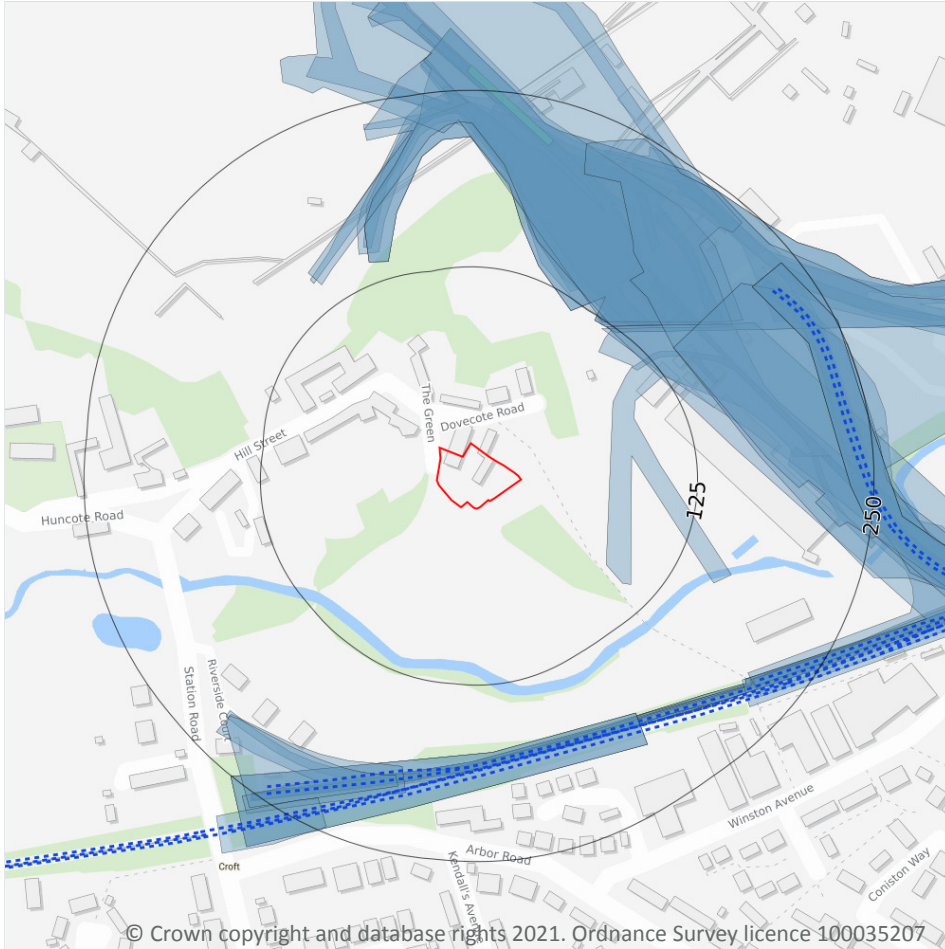
0

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

This data is sourced from the British Geological Survey.



21 Railway infrastructure and projects



21.1 Underground railways (London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m

0

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m

0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m

40

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 114**

Location	Land Use	Year of mapping	Mapping scale
63m E	Railway Sidings	1950	10560
111m NE	Railway Sidings	1961	2500
118m NE	Railway Sidings	1938	10560
118m NE	Railway Sidings	1914	10560
119m NE	Railway Sidings	1904	10560
120m NE	Tramway Sidings	1886	10560
122m NE	Tramway Sidings	1903	2500
124m NE	Railway Sidings	1886	10560
125m NE	Railway Sidings	1904	10560
128m NE	Railway Sidings	1916	2500
132m NE	Tramway Sidings	1888	2500
143m NE	Railway Sidings	1967	10560
143m NE	Railway Sidings	1973	10000
151m NE	Tramway Sidings	1888	2500
169m S	Railway Sidings	1981	10000
169m S	Railway Sidings	1992	10000
172m S	Railway Sidings	1996	2500



Location	Land Use	Year of mapping	Mapping scale
173m S	Railway Sidings	1995	2500
174m S	Railway Sidings	1995	2500
174m S	Railway Sidings	1989	2500
174m S	Railway Sidings	1994	2500
175m NE	Tramway Sidings	1903	2500
175m NE	Tramway Sidings	1888	2500
184m NE	Tramway Sidings	1888	2500
188m S	Railway Sidings	1950	10560
191m S	Railway Sidings	1971	2500
191m S	Railway Sidings	1961	2500
195m S	Railway Sidings	1904	10560
207m E	Railway Sidings	1961	2500
213m E	Railway Sidings	1971	2500
213m E	Railway Sidings	1961	2500
213m NE	Railway Sidings	1989	2500
213m NE	Railway Sidings	1981	10000
213m NE	Railway Sidings	1992	10000
215m NE	Railway Sidings	1996	2500
218m N	Tunnel	1961	2500
223m NE	Railway Sidings	1961	2500
230m SW	Railway Sidings	1886	10560
231m E	Railway Sidings	1994	2500
241m N	Railway Sidings	1916	2500

This data is sourced from Ordnance Survey/Groundsure.



21.5 Royal Mail tunnels

Records within 250m

0

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

This data is sourced from Groundsure/the Postal Museum.

21.6 Historical railways

Records within 250m

0

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

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m

11

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 114**

Location	Name	Type
176m S		rail
178m S	Not given	Multi Track
179m S	Birmingham to Peterborough Line	rail
183m S	Birmingham to Peterborough Line	rail
183m S		rail
221m SE		rail
222m SE	Not given	Multi Track
223m NE		rail
226m NE		rail
230m S	Not given	Multi Track
238m SE	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.



21.8 Crossrail 1

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m

0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m

0

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

This data is sourced from HS2 Ltd.



Data providers

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

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