

463457 339864,

Order Details

Date: 24/11/2020
Your ref: HC1678_-_BD_Permits_Limited
Our Ref: GS-7307419
Client: H&C Consultancy Ltd

Site Details

Location: 463457 339864
Area: 0.12 ha
Authority: [Gedling Borough Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.13

groundsure.com/insightuserguide

Contact us with any questions at:

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	Historical industrial land uses	3	4	11	22	-
16	1.2	Historical tanks	0	0	0	2	-
17	1.3	Historical energy features	0	0	0	1	-
17	1.4	Historical petrol stations	0	0	0	2	-
17	1.5	Historical garages	0	0	1	0	-
18	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
19	2.1	Historical industrial land uses	3	3	18	33	-
22	2.2	Historical tanks	0	0	0	10	-
22	2.3	Historical energy features	0	0	0	1	-
23	2.4	Historical petrol stations	0	0	0	5	-
23	2.5	Historical garages	0	0	1	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
24	3.1	Active or recent landfill	0	0	0	0	-
24	3.2	Historical landfill (BGS records)	0	0	0	1	-
25	3.3	Historical landfill (LA/mapping records)	0	1	1	3	-
25	3.4	Historical landfill (EA/NRW records)	2	0	2	1	-
26	3.5	Historical waste sites	0	0	9	2	-
29	3.6	Licensed waste sites	0	0	7	3	-
32	3.7	Waste exemptions	0	0	14	0	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
35	4.1	Recent industrial land uses	0	1	13	-	-
37	4.2	Current or recent petrol stations	0	0	0	0	-
37	4.3	Electricity cables	0	0	0	0	-
37	4.4	Gas pipelines	0	0	0	0	-
37	4.5	Sites determined as Contaminated Land	0	0	0	0	-



37	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
38	4.7	Regulated explosive sites	0	0	0	0	-
38	4.8	Hazardous substance storage/usage	0	0	0	0	-
38	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
38	4.10	<u>Licensed industrial activities (Part A(1))</u>	0	0	17	2	-
42	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	3	0	-
42	4.12	Radioactive Substance Authorisations	0	0	0	0	-
42	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	4	-
43	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
43	4.15	Pollutant release to public sewer	0	0	0	0	-
44	4.16	List 1 Dangerous Substances	0	0	0	0	-
44	4.17	List 2 Dangerous Substances	0	0	0	0	-
44	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	2	-
44	4.19	<u>Pollution inventory substances</u>	0	0	1	0	-
45	4.20	<u>Pollution inventory waste transfers</u>	0	0	2	0	-
47	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
48	5.1	<u>Superficial aquifer</u>	Identified (within 500m)				
50	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)				
52	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)				
53	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
53	5.5	Groundwater vulnerability- local information	None (within 0m)				
54	5.6	<u>Groundwater abstractions</u>	0	0	3	1	7
57	5.7	<u>Surface water abstractions</u>	0	0	0	1	13
60	5.8	Potable abstractions	0	0	0	0	0
60	5.9	<u>Source Protection Zones</u>	1	0	0	0	-
61	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-
Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
62	6.1	<u>Water Network (OS MasterMap)</u>	0	2	10	-	-



64	6.2	<u>Surface water features</u>	0	0	7	-	-
64	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
64	6.4	<u>WFD Surface water bodies</u>	0	0	1	-	-
65	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
66	7.1	<u>Risk of Flooding from Rivers and Sea (RoFRaS)</u>	High (within 50m)				
67	7.2	<u>Historical Flood Events</u>	3	1	8	-	-
68	7.3	<u>Flood Defences</u>	0	0	1	-	-
68	7.4	<u>Areas Benefiting from Flood Defences</u>	0	0	1	-	-
68	7.5	Flood Storage Areas	0	0	0	-	-
69	7.6	<u>Flood Zone 2</u>	Identified (within 50m)				
70	7.7	<u>Flood Zone 3</u>	Identified (within 50m)				
Page	Section	Surface water flooding					
71	8.1	<u>Surface water flooding</u>	1 in 30 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
73	9.1	<u>Groundwater flooding</u>	Low (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
74	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
75	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
75	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
75	10.4	Special Protection Areas (SPA)	0	0	0	0	0
75	10.5	National Nature Reserves (NNR)	0	0	0	0	0
76	10.6	<u>Local Nature Reserves (LNR)</u>	0	0	1	0	0
76	10.7	<u>Designated Ancient Woodland</u>	0	0	0	0	1
76	10.8	Biosphere Reserves	0	0	0	0	0
77	10.9	Forest Parks	0	0	0	0	0
77	10.10	Marine Conservation Zones	0	0	0	0	0
77	10.11	<u>Green Belt</u>	0	0	2	0	1
77	10.12	Proposed Ramsar sites	0	0	0	0	0



78	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
78	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
78	10.15	Nitrate Sensitive Areas	0	0	0	0	0
78	10.16	<u>Nitrate Vulnerable Zones</u>	1	0	2	0	3
80	10.17	SSSI Impact Risk Zones	0	-	-	-	-
80	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
81	11.1	World Heritage Sites	0	0	0	-	-
82	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
82	11.3	National Parks	0	0	0	-	-
82	11.4	<u>Listed Buildings</u>	0	0	2	-	-
83	11.5	Conservation Areas	0	0	0	-	-
83	11.6	Scheduled Ancient Monuments	0	0	0	-	-
83	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
84	12.1	<u>Agricultural Land Classification</u>	Urban (within 250m)				
85	12.2	Open Access Land	0	0	0	-	-
85	12.3	Tree Felling Licences	0	0	0	-	-
85	12.4	Environmental Stewardship Schemes	0	0	0	-	-
85	12.5	<u>Countryside Stewardship Schemes</u>	0	0	2	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
86	13.1	<u>Priority Habitat Inventory</u>	0	0	8	-	-
87	13.2	<u>Habitat Networks</u>	0	0	3	-	-
87	13.3	Open Mosaic Habitat	0	0	0	-	-
87	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
89	14.1	<u>10k Availability</u>	Identified (within 500m)				
90	14.2	<u>Artificial and made ground (10k)</u>	1	0	5	4	-
92	14.3	<u>Superficial geology (10k)</u>	1	0	1	0	-

93	14.4	Landslip (10k)	0	0	0	0	-
94	14.5	<u>Bedrock geology (10k)</u>	1	0	5	4	-
95	14.6	<u>Bedrock faults and other linear features (10k)</u>	0	0	3	5	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
96	15.1	<u>50k Availability</u>	Identified (within 500m)				
97	15.2	<u>Artificial and made ground (50k)</u>	0	1	4	2	-
98	15.3	<u>Artificial ground permeability (50k)</u>	0	1	-	-	-
99	15.4	<u>Superficial geology (50k)</u>	1	0	0	0	-
100	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
100	15.6	Landslip (50k)	0	0	0	0	-
100	15.7	Landslip permeability (50k)	None (within 50m)				
101	15.8	<u>Bedrock geology (50k)</u>	1	1	3	2	-
102	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
102	15.10	<u>Bedrock faults and other linear features (50k)</u>	0	1	0	3	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
103	16.1	<u>BGS Boreholes</u>	0	0	1	-	-
Page	Section	Natural ground subsidence					
104	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
105	17.2	<u>Running sands</u>	Low (within 50m)				
107	17.3	<u>Compressible deposits</u>	Moderate (within 50m)				
109	17.4	<u>Collapsible deposits</u>	Negligible (within 50m)				
110	17.5	<u>Landslides</u>	Very low (within 50m)				
111	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
113	18.1	Natural cavities	0	0	0	0	-
114	18.2	<u>BritPits</u>	0	0	0	3	-
114	18.3	<u>Surface ground workings</u>	0	0	25	-	-
115	18.4	Underground workings	0	0	0	0	0
116	18.5	<u>Historical Mineral Planning Areas</u>	1	0	3	1	-



116	18.6	Non-coal mining	0	0	0	0	0
116	18.7	Mining cavities	0	0	0	0	0
117	18.8	JPB mining areas	None (within 0m)				
117	18.9	Coal mining	Identified (within 0m)				
117	18.10	Brine areas	None (within 0m)				
117	18.11	Gypsum areas	None (within 0m)				
118	18.12	Tin mining	None (within 0m)				
118	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
119	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
120	20.1	BGS Estimated Background Soil Chemistry	1	2	-	-	-
120	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
120	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
121	21.1	Underground railways (London)	0	0	0	-	-
121	21.2	Underground railways (Non-London)	0	0	0	-	-
122	21.3	Railway tunnels	0	0	0	-	-
122	21.4	Historical railway and tunnel features	7	9	25	-	-
124	21.5	Royal Mail tunnels	0	0	0	-	-
124	21.6	Historical railways	0	0	0	-	-
124	21.7	Railways	0	7	11	-	-
125	21.8	Crossrail 1	0	0	0	0	-
125	21.9	Crossrail 2	0	0	0	0	-
125	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 29/03/2019

Site Area: 0.12ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 24 November 2020

Recent site history - 2016 aerial photograph



Capture Date: 08/05/2016

Site Area: 0.12ha



Contact us with any questions at:

info@groundsure.com

08444 159 000

Date: 24 November 2020

Recent site history - 2010 aerial photograph



Capture Date: 23/05/2010

Site Area: 0.12ha



Recent site history - 2009 aerial photograph



Capture Date: 02/07/2009

Site Area: 0.12ha



Recent site history - 1999 aerial photograph

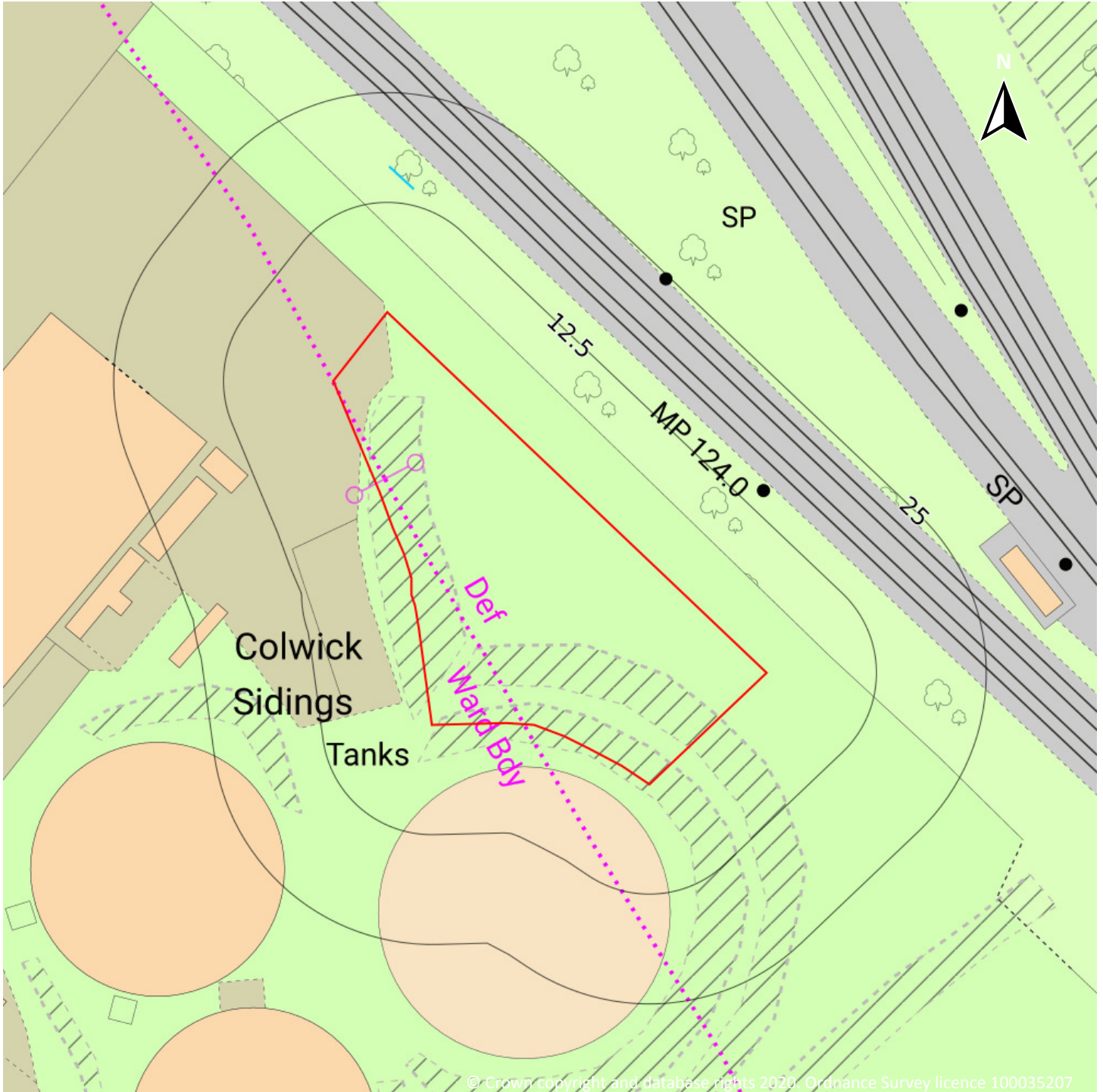


Capture Date: 18/06/1999

Site Area: 0.12ha



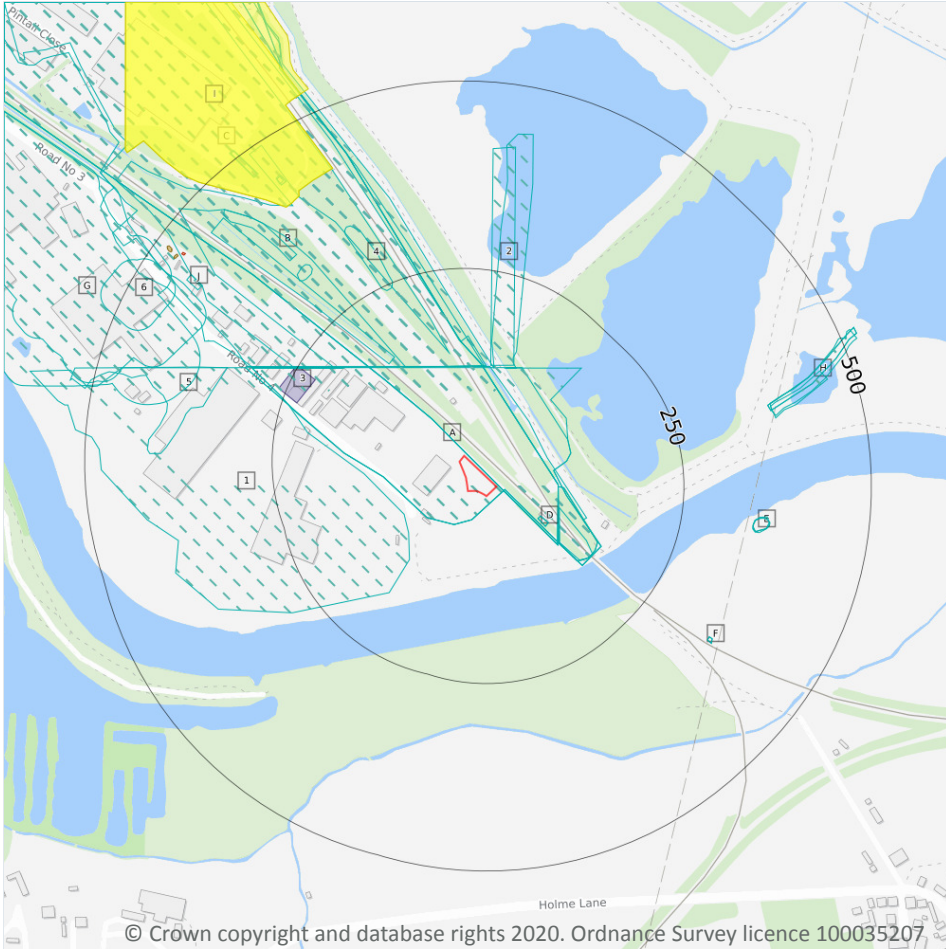
OS MasterMap site plan



Site Area: 0.12ha



1 Past land use



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

1.1 Historical industrial land uses

Records within 500m **40**

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

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

ID	Location	Land use	Dates present	Group ID
A	On site	Railway Sidings	1952	1646852



ID	Location	Land use	Dates present	Group ID
A	On site	Railway Sidings	1975 - 1989	1673927
B	On site	Railway Sidings	1967	1714095
C	3m NE	Railway Sidings	1899	1614215
C	3m NE	Railway Sidings	1899	1614216
C	3m NE	Railway Sidings	1938	1614426
C	3m NE	Railway Sidings	1938	1614427
D	70m SE	Railway Building	1938	1629111
D	70m SE	Railway Building	1899	1735245
D	82m E	Railway Sidings	1899	1613765
D	82m E	Railway Sidings	1913	1613828
D	88m E	Railway Sidings	1950	1656902
1	91m W	Gravel Pit	1952	1572895
B	120m N	Railway Sidings	1973 - 1988	1622761
C	120m N	Railway Sidings	1950	1650554
2	126m N	Railway Sidings	1950	1627961
B	158m NW	Cuttings	1938	1562443
4	243m NW	Unspecified Heap	1967 - 1988	1624113
B	316m NW	Unspecified Heap	1967 - 1988	1629335
5	334m W	Refuse Heap	1975	1597925
E	346m E	Unspecified Pit	1952	1644845
E	346m E	Unspecified Pit	1950	1749864
E	346m E	Unspecified Pit	1913	1680934
F	347m SE	Railway Building	1881	1667158
F	347m SE	Railway Building	1899	1681857
C	349m NW	Unspecified Ground Workings	1967 - 1988	1694670
G	369m W	Unspecified Works	1981 - 1988	1643646
H	378m E	Unspecified Heap	1899	1682293
H	378m E	Unspecified Heap	1881	1741094



ID	Location	Land use	Dates present	Group ID
H	381m E	Unspecified Heap	1913	1637736
H	381m E	Unspecified Heap	1952	1680383
G	387m NW	Unspecified Works	1973	1664290
J	416m NW	Railway Building	1967 - 1973	1623404
C	436m NW	Railway Building	1899	1686281
C	436m NW	Railway Building	1938	1720432
C	438m NW	Railway Building	1950	1663047
6	440m NW	Unspecified Works	1967	1729911
C	465m NW	Railway Buildings	1899	1647769
C	465m NW	Railway Buildings	1938	1707531
C	468m NW	Railway Buildings	1950	1742951

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m

2

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

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

ID	Location	Land use	Dates present	Group ID
J	465m NW	Tanks	1993 - 1999	275736
J	475m NW	Tanks	1990 - 1999	271033

This data is sourced from Ordnance Survey / Groundsure.



1.3 Historical energy features

Records within 500m

1

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

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

ID	Location	Land use	Dates present	Group ID
J	459m NW	Electricity Substation	1983	149681

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m

2

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

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

ID	Location	Land use	Dates present	Group ID
I	408m NW	Petrol and Oil Rail Terminal	1983	2801
I	408m NW	Petrol and Oil Rail Terminal	1990	2911

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m

1

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

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



ID	Location	Land use	Dates present	Group ID
3	221m NW	Car Dismantling Yard	1973	47819

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m

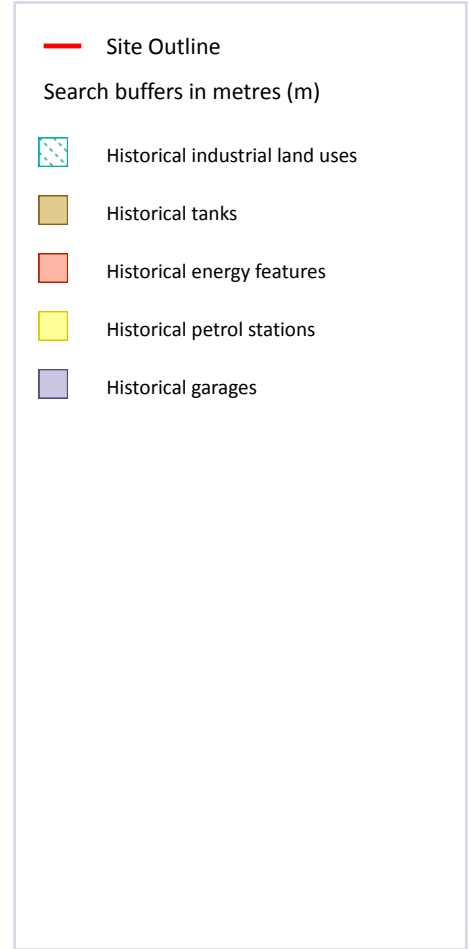
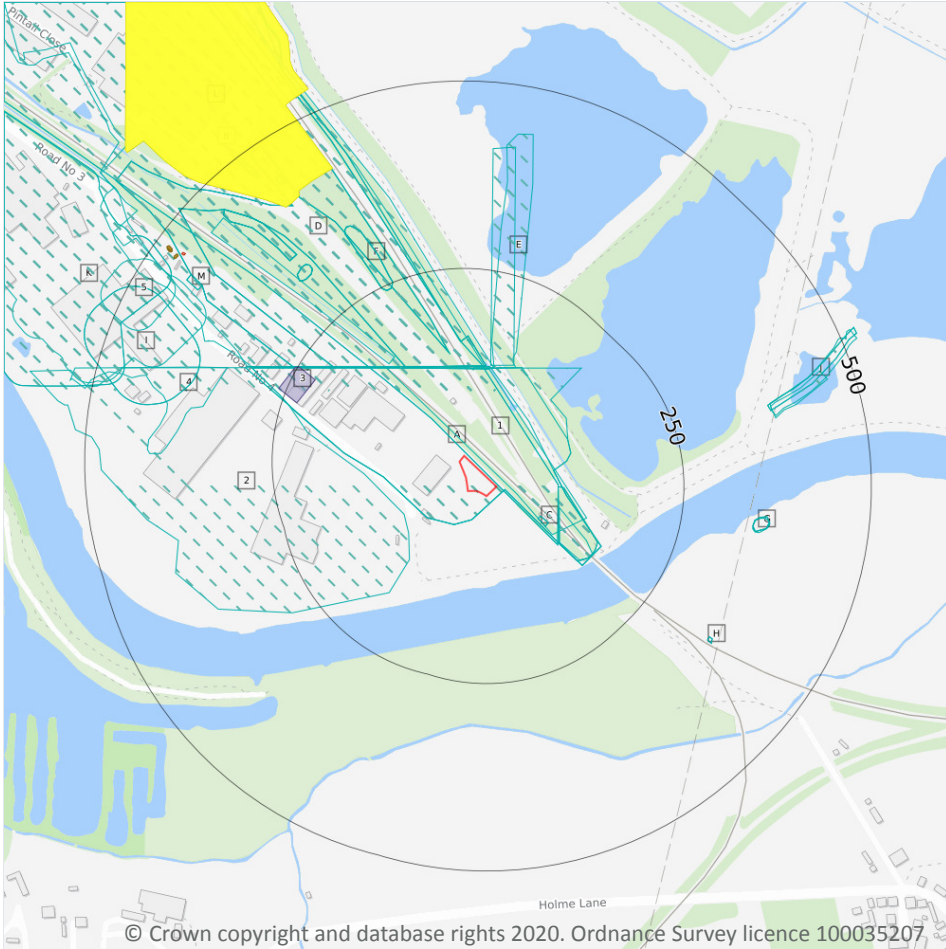
0

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

57

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 19**

ID	Location	Land Use	Date	Group ID
A	On site	Railway Sidings	1967	1714095
A	On site	Railway Sidings	1975	1673927
A	On site	Railway Sidings	1952	1646852

ID	Location	Land Use	Date	Group ID
B	3m NE	Railway Sidings	1938	1614426
B	3m NE	Railway Sidings	1899	1614215
1	12m NE	Railway Sidings	1989	1673927
C	70m SE	Railway Building	1938	1629111
C	70m SE	Railway Building	1899	1735245
C	82m E	Railway Sidings	1913	1613828
C	82m E	Railway Sidings	1899	1613765
C	88m E	Railway Sidings	1950	1656902
2	91m W	Gravel Pit	1952	1572895
B	117m N	Railway Sidings	1967	1714095
D	120m N	Railway Sidings	1981	1622761
D	120m N	Railway Sidings	1988	1622761
D	120m N	Railway Sidings	1973	1622761
B	120m N	Railway Sidings	1950	1650554
E	123m N	Railway Sidings	1967	1714095
E	126m N	Railway Sidings	1950	1627961
D	158m NW	Cuttings	1938	1562443
F	243m NW	Unspecified Heap	1981	1624113
F	243m NW	Unspecified Heap	1988	1624113
F	243m NW	Unspecified Heap	1967	1624113
F	243m NW	Unspecified Heap	1973	1624113
D	316m NW	Unspecified Heap	1981	1629335
D	316m NW	Unspecified Heap	1988	1629335
D	316m NW	Unspecified Heap	1967	1629335
D	316m NW	Unspecified Heap	1973	1629335
4	334m W	Refuse Heap	1975	1597925
G	346m E	Unspecified Pit	1952	1644845
G	346m E	Unspecified Pit	1950	1749864



ID	Location	Land Use	Date	Group ID
G	346m E	Unspecified Pit	1950	1749864
G	346m E	Unspecified Pit	1913	1680934
H	347m SE	Railway Building	1899	1681857
H	347m SE	Railway Building	1881	1667158
B	349m NW	Unspecified Ground Workings	1981	1694670
B	349m NW	Unspecified Ground Workings	1988	1694670
B	349m NW	Unspecified Ground Workings	1967	1694670
B	349m NW	Unspecified Ground Workings	1973	1694670
I	369m W	Unspecified Works	1981	1643646
I	369m W	Unspecified Works	1988	1643646
J	378m E	Unspecified Heap	1899	1682293
J	378m E	Unspecified Heap	1881	1741094
J	381m E	Unspecified Heap	1913	1637736
J	381m E	Unspecified Heap	1952	1680383
K	387m NW	Unspecified Works	1973	1664290
M	416m NW	Railway Building	1967	1623404
M	416m NW	Railway Building	1973	1623404
B	436m NW	Railway Building	1938	1720432
B	436m NW	Railway Building	1899	1686281
B	438m NW	Railway Building	1950	1663047
5	440m NW	Unspecified Works	1967	1729911
K	454m NW	Unspecified Works	1981	1643646
K	454m NW	Unspecified Works	1988	1643646
B	465m NW	Railway Buildings	1938	1707531
B	465m NW	Railway Buildings	1899	1647769
B	468m NW	Railway Buildings	1950	1742951

This data is sourced from Ordnance Survey / Groundsure.



2.2 Historical tanks

Records within 500m

10

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 19**

ID	Location	Land Use	Date	Group ID
M	465m NW	Tanks	1996	275736
M	465m NW	Tanks	1999	275736
M	465m NW	Tanks	1993	275736
M	475m NW	Tanks	1990	271033
M	475m NW	Tanks	1990	271033
M	475m NW	Tanks	1990	271033
M	475m NW	Tanks	1990	271033
M	477m NW	Tanks	1996	271033
M	477m NW	Tanks	1999	271033
M	477m NW	Tanks	1993	271033

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

1

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 19**

ID	Location	Land Use	Date	Group ID
M	459m NW	Electricity Substation	1983	149681

This data is sourced from Ordnance Survey / Groundsure.



2.4 Historical petrol stations

Records within 500m

5

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'.

Features are displayed on the Past land use - un-grouped map on **page 19**

ID	Location	Land Use	Date	Group ID
L	408m NW	Petrol and Oil Rail Terminal	1983	2801
L	408m NW	Petrol and Oil Rail Terminal	1990	2911
L	408m NW	Petrol and Oil Rail Terminal	1990	2911
L	408m NW	Petrol and Oil Rail Terminal	1990	2911
L	408m NW	Petrol and Oil Rail Terminal	1990	2911

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

1

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

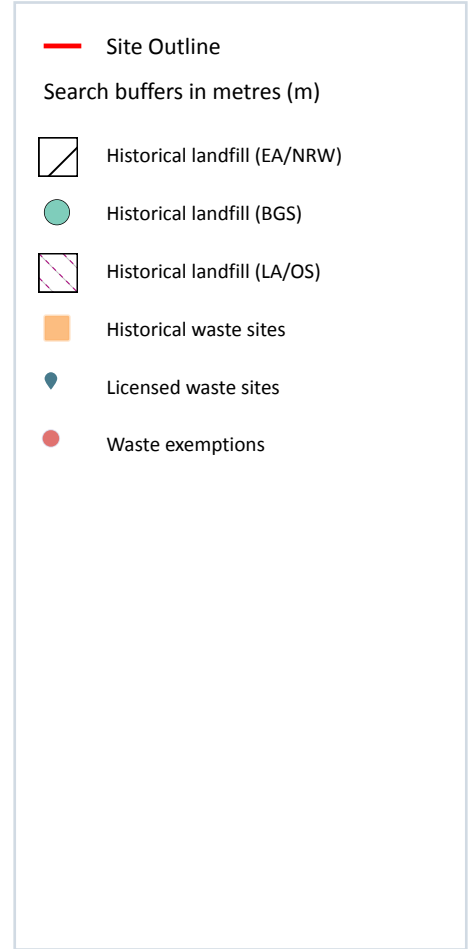
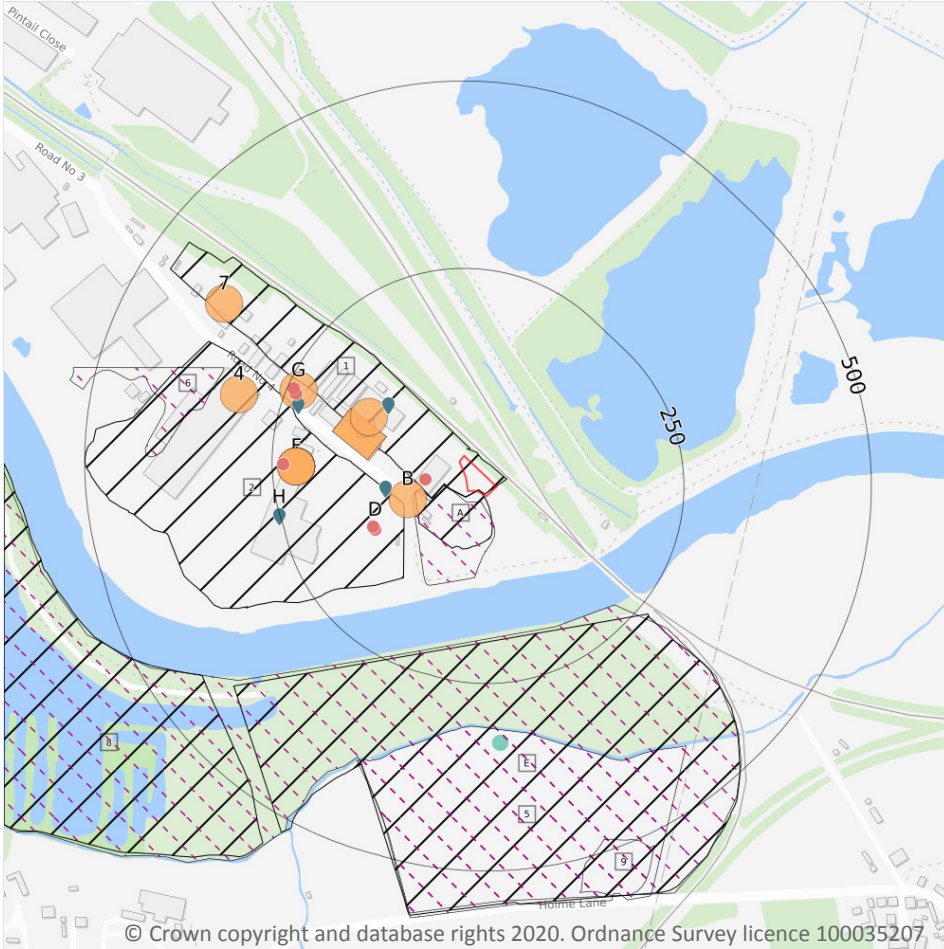
Features are displayed on the Past land use - un-grouped map on **page 19**

ID	Location	Land Use	Date	Group ID
3	221m NW	Car Dismantling Yard	1973	47819

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

1

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.

Features are displayed on the Waste and landfill map on **page 24**

ID	Location	Address	BGS Number	Risk	Waste Type
E	330m S	Holme Lane, Holme Pierrepont, Bingham, Notts	2858	No risk to aquifer	N/A

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	5
----------------------------	----------

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

Features are displayed on the Waste and landfill map on **page 24**

ID	Location	Site address	Source	Data type
A	10m SW	Refuse Tip	1978 mapping	Polygon
3	188m S	Hovernham Tip, Holme Lane, Holme Pierrepont, Radcliffe on Trent, Nottinghamshire	Rushcliffe Borough Council	Polygon
5	308m S	Refuse Tip	1978 mapping	Polygon
6	338m W	Refuse Tip	1973 mapping	Polygon
9	484m S	Refuse Tip	1973 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	5
----------------------------	----------

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 24**

ID	Location	Details		
1	On site	Site Address: Smiths Waste Disposal, Private Road No 4, Colwick Industrial Estate, Colwick, Nottingham Licence Holder Address: 20 The Leys, Barton Green, Nottingham	Waste Licence: Yes Site Reference: 7/91/229/63NE, 7/91/229/63NE/64SW Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 14/05/1991 Licence Surrender: -	Operator: - Licence Holder: Smiths Waste Disposal Services Limited First Recorded - Last Recorded: 31/12/1986



ID	Location	Details		
A	On site	Site Address: Langs, Land at end of Private Road No 4, Colwick Industrial Estate, Colwick, Nottingham Licence Holder Address: Private Road No 4, Colwick Industrial Estate, Nottingham	Waste Licence: Yes Site Reference: 7/78/75/63NW Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 12/02/1979 Licence Surrender: 31/12/1980	Operator: - Licence Holder: M Lang Scrap Metal Merchants First Recorded 31/12/1977 Last Recorded: 31/12/1980
2	87m W	Site Address: Trent Concrete/Lagoon to South East of Structures Factory, Colwick, Nottingham Licence Holder Address: Colwick Industrial Estate, Colwick, Nottingham	Waste Licence: Yes Site Reference: 7/78/73/63, 7/78/73/63NW Waste Type: Inert, Industrial, Commercial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 30/06/1978 Licence Surrender: 20/08/1990	Operator: - Licence Holder: Trent Concrete Limited First Recorded 31/12/1928 Last Recorded: 31/12/1988
E	191m S	Site Address: Holme Lane, Holme Pierrepont, Bingham, Nottinghamshire Licence Holder Address: Hoveringham, Nottingham	Waste Licence: Yes Site Reference: 8/77/28/63NW, BG/18/521 Waste Type: Inert, Industrial, Commercial, Household, Special, Liquid sludge Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 30/06/1978 Licence Surrender: 30/06/1982	Operator: Hoveringham Gravels Midlands Limited Licence Holder: Hoveringham Gravels Midlands Limited First Recorded 31/12/1969 Last Recorded: 28/05/1982
8	431m SW	Site Address: Off Adbolton Lane, Holme Pierrepont, Bingham, Nottinghamshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: Inert, Industrial Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: Hoveringham Gravels Licence Holder: - First Recorded 31/12/1969 Last Recorded: -

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

3.5 Historical waste sites

Records within 500m

11

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

Features are displayed on the Waste and landfill map on **page 24**



ID	Location	Address	Further Details	Date
B	56m W	Site Address: Land at end of,Road Number 4, Colwick, Gedling, NOTTINGHAM, Nottinghamshire, NG4 2DZ	Type of Site: Waste Transfer Facility Planning application reference: 2006/0542 Description: Scheme comprises change of use of land to extend the scope of the use as a dredging disposal/transfer facility, to include use as a general purpose wharf. An application (ref: 2006/0542) for Detailed Planning permission was granted by Gedling B.C. Contract details remain to be finalised. Start date and value are guidelines only. Detailed plans have been approved. Data source: Historic Planning Application Data Type: Point	-
C	102m W	Site Address: N/A	Type of Site: Scrap Metal Yards Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1973
C	102m W	Site Address: N/A	Type of Site: Scrap Metal Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1978
C	109m NW	Site Address: Waste Cycle, 1,Private Road, 4, Colwick Industrial Estate, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Recycling Building Planning application reference: 2007/0618 Description: Scheme comprises construction of phase II waste recycling building. An application (ref: 2007/0618) for detailed planning permission was granted by Gedling B.C. Planning decision obtained Data source: Historic Planning Application Data Type: Point	-
F	192m W	Site Address: Envira Building, Wastecycle, L, Private Road, 4, Colwick, Colwick Industrial Estate, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Waste Transfer Station Planning application reference: 2008/0819 Description: Scheme comprises construction of extension 2 of the materials recycling building, relocation of weighbridge and weighbridge office and construction of a new access point and associated gating. An application (ref: 2008/0819) for detailed planning permission was submitted to Gedling B.C. Data source: Historic Planning Application Data Type: Point	-



ID	Location	Address	Further Details	Date
F	192m W	Site Address: Wastecycle Ltd, Private Road, 4, Colwick Industrial Estate, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Waste Treatment Facility Planning application reference: 2010/0400 Description: Scheme comprises construction of transfer and treatment facility for hazardous and non-hazardous waste. An application (ref: 2010/0400) for detailed planning permission was granted by Gedling B.C. The start date, contract period and project value are f guideline only. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	28/11/2011
F	192m W	Site Address: Wastecycle Ltd, 2, Private, Road, 4, Envira Building, Colwick Industrial Estate, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Wood Recycling Operations Planning application reference: 2011/0967NCC Description: Scheme comprises relocation of wood recycling operations to rear of site, construction of concrete pad, 3m high stone gabion wall and 6m high steel "Push Wall" Construction - gabion site works. An application (ref: 2011/0967NCC) for detailed planning permission was granted by Gedling B.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	30/01/2012
F	193m W	Site Address: Waste Cycle, 1, Private Road, 4, Colwick Industrial Estate, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Recycling Building (Extension) Planning application reference: 2009/0717 Description: Scheme comprises extension to the materials recycling building (to house the solid replacement fuel recycling plant). An application (ref: 2009/0717) for detailed planning permission was granted by Gedling B.C. A detailed planning application has been granted. Data source: Historic Planning Application Data Type: Point	22/11/2011



ID	Location	Address	Further Details	Date
G	209m NW	Site Address: Wastecycle Ltd, Private Road, 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Type of Site: Waste Management Service Planning application reference: 2017/0988NCC Description: Scheme comprises regularisation of site buildings and structures. Unit 1 - portable canteen mess unit, 2 no. Electricity sub station units, concrete apron for rdf bale storage, 1 no. Grey-water storage tank, small sorting station for wood recycling, double stacked portable cabin office units and shed and equipment for baling and wrapping rdf. Unit 2 - 1 no. Grey-water storage tank and curtain-wall sided building for container spraying. Data source: Historic Planning Application Data Type: Point	05/10/2017
4	282m W	Site Address: Private Road, 4, Colwick Industrial Estate, Colwick, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Waste Recycling Plant Planning application reference: 98/125 Description: Scheme comprises new recycling centre. Includes a concrete yard area. Construction - roller shutter doors; pad foundations; steel frame; concrete paving site works. An application (ref: 98/125) for Detailed Planning permission was granted by Gedling B.C. Contractor appointed. Data source: Historic Planning Application Data Type: Point	04/10/2004
7	353m NW	Site Address: Private Road, No 4, Colwick Industrial Estate, Colwick, NOTTINGHAM, Nottinghamshire, NG4 2JT	Type of Site: Waste Transfer Station Planning application reference: 93/439 Description: Scheme comprises stores, offices, vehicle garage and weighbridge. Construction - profiled cladding walls; profiled sheeting roof; 13 roller shutter doors; steel frame. An application (ref: 93/439) for Detailed Planning permission was submitted to Gedling B.C. on 1st April 1993. Data source: Historic Planning Application Data Type: Point	01/12/1993

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

3.6 Licensed waste sites

Records within 500m

10

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

Features are displayed on the Waste and landfill map on **page 24**



ID	Location	Details		
B	105m W	Site Name: Recycling & Transfer Station Site Address: Enviro Building, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS001 EPR reference: SP3490CA/V002 Operator: Wastecycle Ltd Waste Management licence No: 43455 Annual Tonnage: 75000	Issue Date: 17/06/1998 Effective Date: - Modified:: 11/12/2003 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
B	105m W	Site Name: Colwick Recycling & Transfer Station Site Address: Enviro Building, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS001 EPR reference: EA/EPR/SP3490CA/V004 Operator: Wastecycle Ltd Waste Management licence No: 43455 Annual Tonnage: 349999	Issue Date: 17/06/1998 Effective Date: - Modified:: 26/04/2012 Surrendered Date: 0 Expiry Date: - Cancelled Date: - Status: Modified
C	121m NW	Site Name: Wastecycle Limited Site Address: The Waste Recycling Centre, Unit 2, Private Road Number 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: Mr Gary Baines, Silkstone Environmental Limited, 7, Hall Annex, Thorncliffe Park, Chappletown, Sheffield, S35 2PH	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS015 EPR reference: - Operator: Wastecycle Limited Waste Management licence No: 43647 Annual Tonnage: 0	Issue Date: 28/04/2005 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	121m NW	Site Name: Wastecycle Limited Site Address: The Waste Recycling Centre, Unit 2, Private Road Number 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: Silkstone Environmental Limited, 7, Hall Annex, Thorncliffe Park, Chappletown, Sheffield, S35 2PH	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS015 EPR reference: - Operator: Wastecycle Limited Waste Management licence No: 43647 Annual Tonnage: 0	Issue Date: 28/04/2005 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued



ID	Location	Details		
C	121m NW	Site Name: Wastecycle Ltd Site Address: The Waste Recycling Centre, Unit 2, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS015 EPR reference: VP3090CZ/A001 Operator: Wastecycle Ltd Waste Management licence No: 43647 Annual Tonnage: 75000	Issue Date: 28/04/2005 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	121m NW	Site Name: Wastecycle Ltd Site Address: The Waste Recycling Centre, Unit 2, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS015 EPR reference: EA/EPR/VP3090CZ/V002 Operator: Wastecycle Ltd Waste Management licence No: 43647 Annual Tonnage: 75000	Issue Date: 28/04/2005 Effective Date: - Modified:: 03/02/2011 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
G	228m W	Site Name: D & P Car Breakers Site Address: Plot 29, Newlane Private Road No 4, Colwick, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Vehicle Depollution Facility 5000 tps Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TAI001 EPR reference: EA/EPR/EB3732AS/A001 Operator: Donald Tainton Waste Management licence No: 43657 Annual Tonnage: 4999	Issue Date: 13/11/2012 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	251m W	Site Name: Colwick Recycling & Transfer Station Site Address: Enviro Building, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS001 EPR reference: EA/EPR/SP3490CA/V005 Operator: Wastecycle Ltd Waste Management licence No: 43455 Annual Tonnage: 350000	Issue Date: 17/06/1998 Effective Date: - Modified:: 21/04/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified



ID	Location	Details		
H	251m W	Site Name: Colwick Recycling & Transfer Station Site Address: Enviro Building, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS001 EPR reference: EA/EPR/SP3490CA/V006 Operator: Wastecycle Limited Waste Management licence No: 43455 Annual Tonnage: 599999	Issue Date: 17/06/1998 Effective Date: - Modified:: 24/02/2017 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
H	251m W	Site Name: Enva Colwick Recycling & Resource Recovery Facility Site Address: Enviro Building, Private Road No 4, Colwick Ind Est, Nottingham, Nottinghamshire, NG4 2JT Correspondence Address: -	Type of Site: Special Waste Transfer Station Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WAS001 EPR reference: EA/EPR/SP3490CA/V007 Operator: Enva England Limited Waste Management licence No: 43455 Annual Tonnage: 599999	Issue Date: 17/06/1998 Effective Date: - Modified:: 13/11/2018 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

14

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 24**

ID	Location	Site	Reference	Category	Sub-Category	Description
B	51m SW	Eurobait Ltd Private Road 4 NOTTINGHAM NG4 2JT	EPR/RF0839VT /A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction
D	134m SW	ENVIRO BUILDING, PRIVATE ROAD 4, COLWICK INDUSTRIAL ESTATE, NOTTINGHAM, NG4 2JT	WEX162383	Storing waste exemption	Not on a Farm	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
D	134m SW	ENVIRO BUILDING, PRIVATE ROAD 4, COLWICK INDUSTRIAL ESTATE, NOTTINGHAM, NG4 2JT	WEX162383	Using waste exemption	Not on a Farm	Use of waste in construction
D	134m SW	ENVIRO BUILDING, PRIVATE ROAD 4, COLWICK INDUSTRIAL ESTATE, NOTTINGHAM, NG4 2JT	WEX162383	Storing waste exemption	Not on a Farm	Storage of waste in secure containers
D	136m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/ZF0006W W/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in secure containers
D	136m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/ZF0006W W/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place
D	136m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/ZF0006W W/A001	Using waste exemption	Both agricultural and non- agricultural waste	Use of waste in construction
G	236m W	whites pallets, private road 4, colwick, nottingham , ng42jt	WEX143945	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	236m W	whites pallets, private road 4, colwick, nottingham , ng42jt	WEX143945	Storing waste exemption	Not on a farm	Storage of waste in a secure place
F	236m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/CF0706W K/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in secure containers
F	236m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/CF0706W K/A001	Storing waste exemption	Both agricultural and non- agricultural waste	Storage of waste in a secure place



ID	Location	Site	Reference	Category	Sub-Category	Description
F	236m W	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/CF0706WK/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
G	237m W	PRIVATE ROAD NO 4 COLWICK INDUSTRIAL ESTAT NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/EF0306TQ/A001	Treating waste exemption	Non-Agricultural Waste Only	Crushing waste fluorescent tubes
G	242m NW	ENVIRO BUILDING PRIVATE ROAD NO 4 COLWICK NOTTINGHAM NOTTINGHAMSHIRE NG4 2JT	EPR/HF0238VT/A001	Disposing of waste exemption	Non-Agricultural Waste Only	Depositing samples of waste for the purposes of testing or analysing them

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



4 Current industrial land use



- Site Outline
- Search buffers in metres (m)
- Recent industrial land uses
- Part A(1) industrial activities
- Licensed pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)
- Pollution inventory substances
- Pollution inventory waste transfers

4.1 Recent industrial land uses

Records within 250m **14**

Current potentially contaminative industrial sites.
Features are displayed on the Current industrial land use map on **page 35**

ID	Location	Company	Address	Activity	Category
A	33m SW	Gas Holders	Nottinghamshire, NG4	Gas Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
A	51m SW	Colwick Industrial Estate - Anaerobic Digestion (DECC)	Eurobait Company Road, No 4 Colwick, Nottinghamshire, NG4 2JT	Energy Production	Industrial Features
A	62m W	Electricity Sub Station	Nottinghamshire, NG4	Electrical Features	Infrastructure and Facilities
A	79m SW	Electricity Sub Station	Nottinghamshire, NG4	Electrical Features	Infrastructure and Facilities
B	139m NW	Enva	Enviro Building, Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Recycling, Reclamation and Disposal	Recycling Services
1	160m E	Electricity Sub Station	Nottinghamshire, NG4	Electrical Features	Infrastructure and Facilities
B	178m NW	Nottingham Powder Coating Ltd	Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Industrial Coatings and Finishings	Industrial Products
B	178m NW	Vision Precision Engineering	Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Precision Engineers	Engineering Services
B	216m NW	Burlington Fabrications Ltd	Plot D4 Private Road, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	General Construction Supplies	Industrial Products
2	218m W	Toton Aggregates	Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Agricultural Machinery and Goods	Industrial Products
B	218m NW	Miss House Clearance	Unit 5 Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Clearance and Salvage Dealers	Recycling Services
B	223m W	Electricity Sub Station	Nottinghamshire, NG4	Electrical Features	Infrastructure and Facilities
B	224m W	K & K Kars	Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Vehicle Repair, Testing and Servicing	Repair and Servicing
B	235m NW	Tiger European	Private Road 4, Colwick Industrial Estate, Nottingham, Nottinghamshire, NG4 2JT	Vehicle Hire and Rental	Hire Services

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

19

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

Features are displayed on the Current industrial land use map on **page 35**

ID	Location	Details	
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: DP3935ER Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 24/02/2014 Effective Date: 24/02/2014 Last date noted as effective: 26/10/2020 Status: SUPERCEDED

ID	Location	Details	
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: DP3935ER Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 24/02/2014 Effective Date: 24/02/2014 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT EPR/DP3935ER Process: ANIMAL, VEGETABLE AND FOOD; DISPOSING ETC ANIMAL CARCASSES ETC >10 T/DAY Permit Number: GP3935QH Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 21/06/2019 Effective Date: 21/06/2019 Last date noted as effective: 26/10/2020 Status: EFFECTIVE
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: ANIMAL, VEGETABLE AND FOOD; DISPOSING ETC ANIMAL CARCASSES ETC >10 T/DAY Permit Number: KP3734RT Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 25/01/2016 Effective Date: 25/01/2016 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: KP3734RT Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 25/01/2016 Effective Date: 25/01/2016 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: KP3734RT Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 25/01/2016 Effective Date: 25/01/2016 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: PP3235WF Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 10/10/2014 Effective Date: 10/10/2014 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: PP3235WF Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 10/10/2014 Effective Date: 10/10/2014 Last date noted as effective: 26/10/2020 Status: SUPERCEDED



ID	Location	Details	
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT EPR/DP3935ER Process: ANIMAL, VEGETABLE AND FOOD; DISPOSING ETC ANIMAL CARCASSES ETC >10 T/DAY Permit Number: UP3330JR Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 09/07/2018 Effective Date: 09/07/2018 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: KP3734RT Original Permit Number: DP3935ER	EPR Reference: - Issue Date: 25/01/2016 Effective Date: 25/01/2016 Last date noted as effective: 01/07/2016 Status: EFFECTIVE
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: GP3935QH Original Permit Number: DP3935ER	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 30/04/2019 Status: DETERMINATION
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: GP3935QH Original Permit Number: DP3935ER	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 30/04/2019 Status: DETERMINATION
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: COMBUSTION; WASTE DERIVED FUEL 3MW BUT >=0.4MW (UNLESS 1.1 B (B)) Permit Number: UP3330JR Original Permit Number: DP3935ER	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/07/2018 Status: DETERMINATION
B	92m W	Operator: BIO DYNAMIC (UK) LIMITED Installation Name: BIO DYNAMIC AD PLANT Process: DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING BIOLOGICAL TREATMENT Permit Number: UP3330JR Original Permit Number: DP3935ER	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 01/07/2018 Status: DETERMINATION



ID	Location	Details	
B	137m NW	Operator: WASTECYCLE LTD Installation Name: COLWICK RECYCLING & TRANSFER STATION EPR/SP3490CA Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT OF WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: JP3934WW Original Permit Number: JP3934WW	EPR Reference: - Issue Date: 21/04/2016 Effective Date: 21/04/2016 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
B	137m NW	Operator: WASTECYCLE LTD Installation Name: COLWICK RECYCLING & TRANSFER STATION EPR/SP3490CA Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT OF WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: UP3737DF Original Permit Number: JP3934WW	EPR Reference: - Issue Date: 24/02/2017 Effective Date: 24/02/2017 Last date noted as effective: 26/10/2020 Status: SUPERCEDED
3	247m W	Operator: ENVA ENGLAND LIMITED Installation Name: ENVA COLWICK RECYCLING AND RESOURCE RECOVERY FACILITY EPR/JP3934WW Process: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT OF WASTE FOR INCINERATION OR CO-INCINERATION Permit Number: ZP3536QQ Original Permit Number: JP3934WW	EPR Reference: - Issue Date: 13/11/2018 Effective Date: 13/11/2018 Last date noted as effective: 26/10/2020 Status: EFFECTIVE
D	346m W	Operator: WASTECYCLE LTD Installation Name: WASTECYCLE LTD COLWICK SECURE TREATMENT FACILITY (WLCSTF) Process: OTHER WASTE DISPOSAL; HAZARDOUS WASTE >10T/D Permit Number: DP3536TM Original Permit Number: DP3536TM	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 08/02/2011 Status: DETERMINATION
D	346m W	Operator: WASTECYCLE LTD Installation Name: WASTECYCLE LTD COLWICK SECURE TREATMENT FACILITY (WLCSTF) Process: OTHER WASTE DISPOSAL; WASTE OILS >10 T/D Permit Number: DP3536TM Original Permit Number: DP3536TM	EPR Reference: - Issue Date: - Effective Date: - Last date noted as effective: 08/02/2011 Status: DETERMINATION

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



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

Records within 500m

3

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 35**

ID	Location	Address	Details	
A	52m SW	Eurobait Ltd, Private Road No.4, Colwick, Nottinghamshire, NG4 2AS	Process: Maggot Breeding Status: Historical Permit Permit Type: Part B	Enforcement: Enforcement Notified Date of enforcement: No Details Comment: No Details
B	236m W	M & R Refinishing Ltd, Private Road No. 4, Colwick, Nottinghamshire, NG4 2JT	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
B	238m NW	Aggregate Industries, New Road, Private Road No.4, Colwick, Nottinghamshire, NG4 2JU	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

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

4

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 35**



ID	Location	Address	Details	
C	273m SW	RADCLIFFE-ON-TRENT STW, LEES BARN ROAD, RADCLIFFE-ON-TRENT, NOTTINGHAM, NOTTINGHAMSHIRE, NG12 2DS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRPB3099DJ Permit Version: 1 Receiving Water: RIVER TRENT	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 01/11/2019 Revocation Date: 05/12/2019
C	273m SW	RADCLIFFE-ON-TRENT STW, LEES BARN ROAD, RADCLIFFE-ON-TRENT, NOTTINGHAM, NOTTINGHAMSHIRE, NG12 2DS	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: EPRPB3099DJ Permit Version: 1 Receiving Water: RIVER TRENT	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 01/11/2019 Revocation Date: 05/12/2019
C	273m SW	RADCLIFFE-ON-TRENT STW, LEES BARN ROAD, RADCLIFFE-ON-TRENT, NOTTINGHAM, NOTTINGHAMSHIRE, NG12 2DS	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRPB3099DJ Permit Version: 2 Receiving Water: RIVER TRENT	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 06/12/2019 Revocation Date: -
C	273m SW	RADCLIFFE-ON-TRENT STW, LEES BARN ROAD, RADCLIFFE-ON-TRENT, NOTTINGHAM, NOTTINGHAMSHIRE, NG12 2DS	Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY Permit Number: EPRPB3099DJ Permit Version: 2 Receiving Water: RIVER TRENT	Status: NEW ISSUED UNDER EPR 2010 Issue date: 23/10/2019 Effective Date: 06/12/2019 Revocation Date: -

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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



4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

2

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 35**

ID	Location	Details	
B	278m NW	Incident Date: 04/03/2003 Incident Identification: 140852 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
4	330m NW	Incident Date: 13/08/2001 Incident Identification: 27190 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Fumes	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)

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 35**

ID: B, Location: 93m W, Permit: DP3935ER
 Operator: Bio Dynamic (UK) Limited
 Activity: ANIMAL, VEGETABLE AND FOOD; DISPOSING ETC ANIMAL CARCASSES ETC >10 T/DAY
 Address: Bio Dynamic (UK) AD Plant Private Road 4 Colwick Industrial Estate Nottinghamshire NG4 2JT
 Sector: Biowaste, Sub-sector: Biowaste Treatment
 Releases:

Route	Substance	Reporting threshold (kg)	Quantity (kg)
Air	Carbon monoxide	100000kg	Below Reporting Threshold
Air	Methane	10000kg	Below Reporting Threshold
Air	Nitrogen oxides (NO and NO2) as NO2	100000kg	Below Reporting Threshold
Air	Sulphur oxides (SO2 and SO3) as SO2	100000kg	Below Reporting Threshold
Air	Carbon dioxide	10000000kg	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

2

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

Features are displayed on the Current industrial land use map on **page 35**

ID: B, Location: 93m W, Permit: DP3935ER
 Operator: Bio Dynamic (UK) Limited
 Activity: ANIMAL, VEGETABLE AND FOOD; DISPOSING ETC ANIMAL CARCASSES ETC >10 T/DAY
 Address: Bio Dynamic (UK) AD Plant Private Road 4 Colwick Industrial Estate Nottinghamshire NG4 2JT
 Sector: Biowaste, Sub-sector: Biowaste Treatment
 Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R4	Recycling/reclamation of metals and metal compounds	Below Reporting Threshold	Below Reporting Threshold	17 04 01	copper, bronze, brass	No



Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
D1	Deposit into or onto land (eg landfill, etc.)	Below Reporting Threshold	Below Reporting Threshold	17 09 04	mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03	No
R10	Land treatment resulting in benefit to agriculture or ecological improvement	7199.84	Absolute Value	19 06 06	digestate from anaerobic treatment of animal and vegetable waste	No
D1	Deposit into or onto land (eg landfill, etc.)	44.58	Absolute Value	20 03 01	mixed municipal waste	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	13.84	Absolute Value	19 12 01	paper and cardboard	No
D1	Deposit into or onto land (eg landfill, etc.)	12.28	Absolute Value	19 12 04	plastic and rubber	No

ID: B, Location: 137m NW, Permit: SP3490CA

Operator: Enva England Limited

Activity: RECOVERY OR A MIX OF RECOVERY AND DISPOSAL OF > 50 T/D NON-HAZARDOUS WASTE (> 100 T/D IF ONLY AD) INVOLVING PRE-TREATMENT OF WASTE FOR INCINERATION OR CO-INCINERATION

Address: Enva Colwick Recycling and Resource Recovery Facility Enviro Building Private Road 4 Colwick Industrial Estate Nottinghamshire NG4 2JT

Sector Waste Treatment, Sub-sector: Non Hazardous

Releases:

Route	Route description	Quantity (tonnes)	Release level	EWC code	EWC description	Hazardous waste
R1	Use principally as a fuel or other means to generate energy	53919.08	Absolute Value	19 12 10	combustible waste (refuse derived fuel)	No
R3	Recycling/Reclamation of organic substances which are not used as solvents (including composting and other biological transformatin processes)	1241	Absolute Value	19 12 02	ferrous metal	No
R4	Recycling/reclamation of metals and metal compounds	10644	Absolute Value	19 12 12	other wastes (including mixtures of materials) from mechanical treatment of wastes other than those mentioned in 19 12 11	No



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

4.21 Pollution inventory radioactive waste

Records within 500m

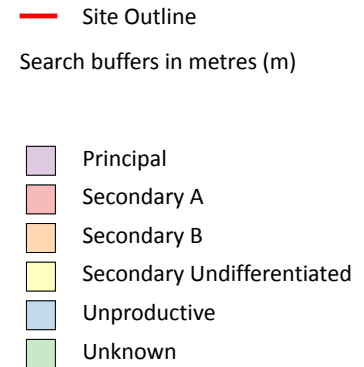
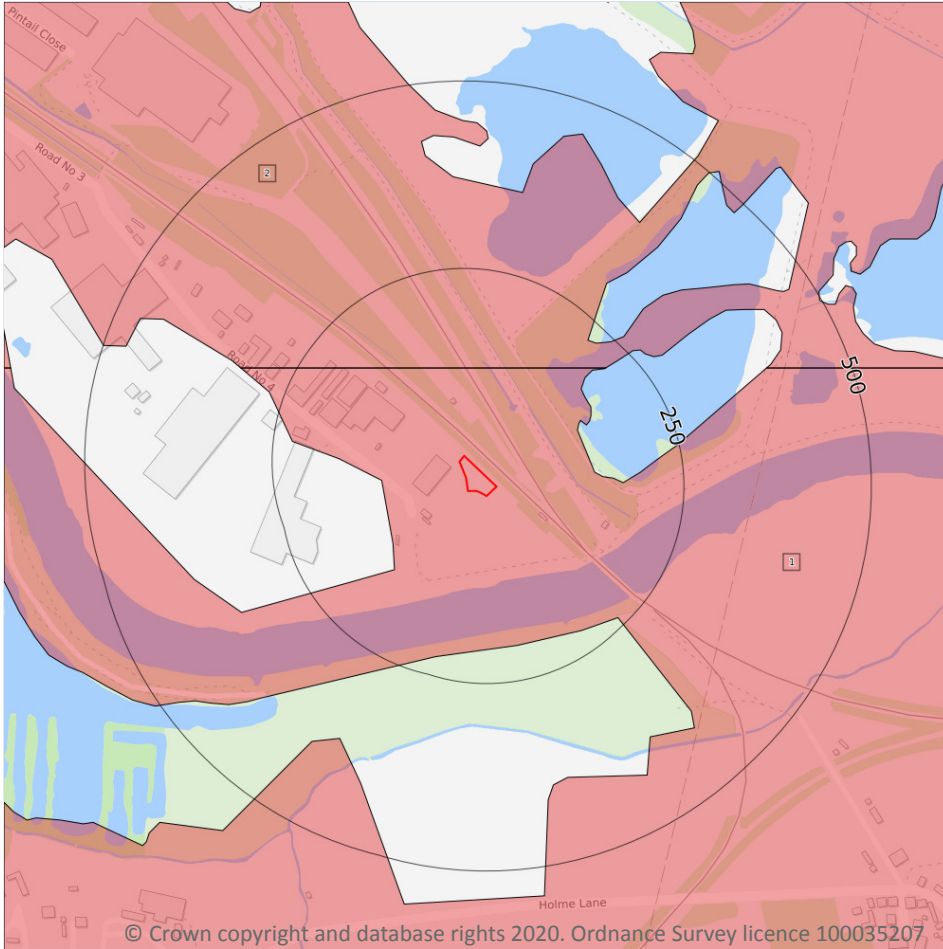
0

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

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



5 Hydrogeology - Superficial aquifer



5.1 Superficial aquifer

Records within 500m

2

Aquifer status of groundwater held within superficial geology.

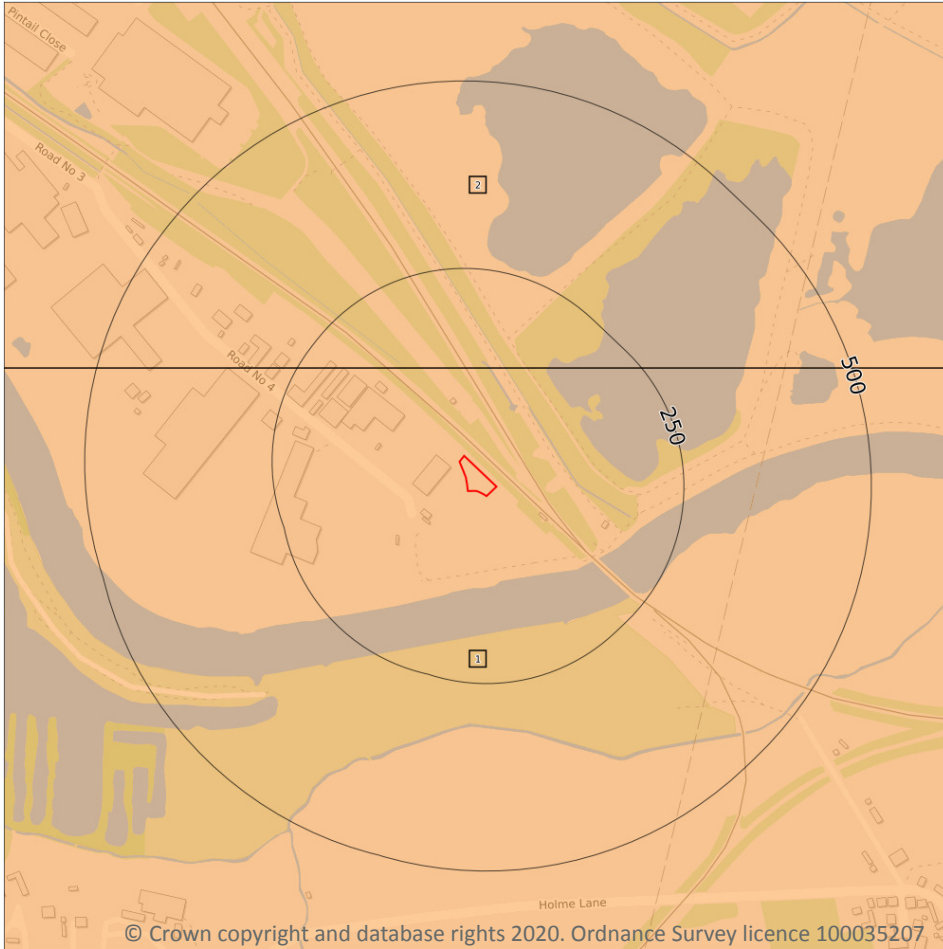
Features are displayed on the Hydrogeology map on **page 48**

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	117m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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



Bedrock aquifer



— Site Outline

Search buffers in metres (m)

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

5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

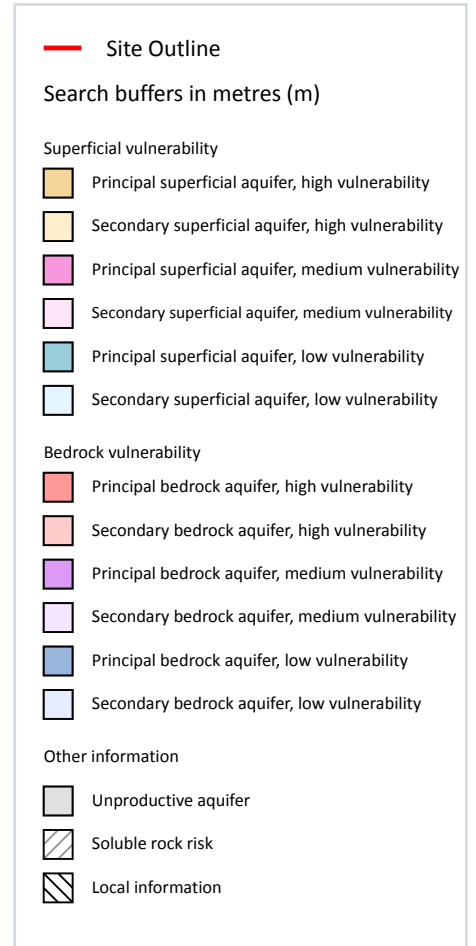
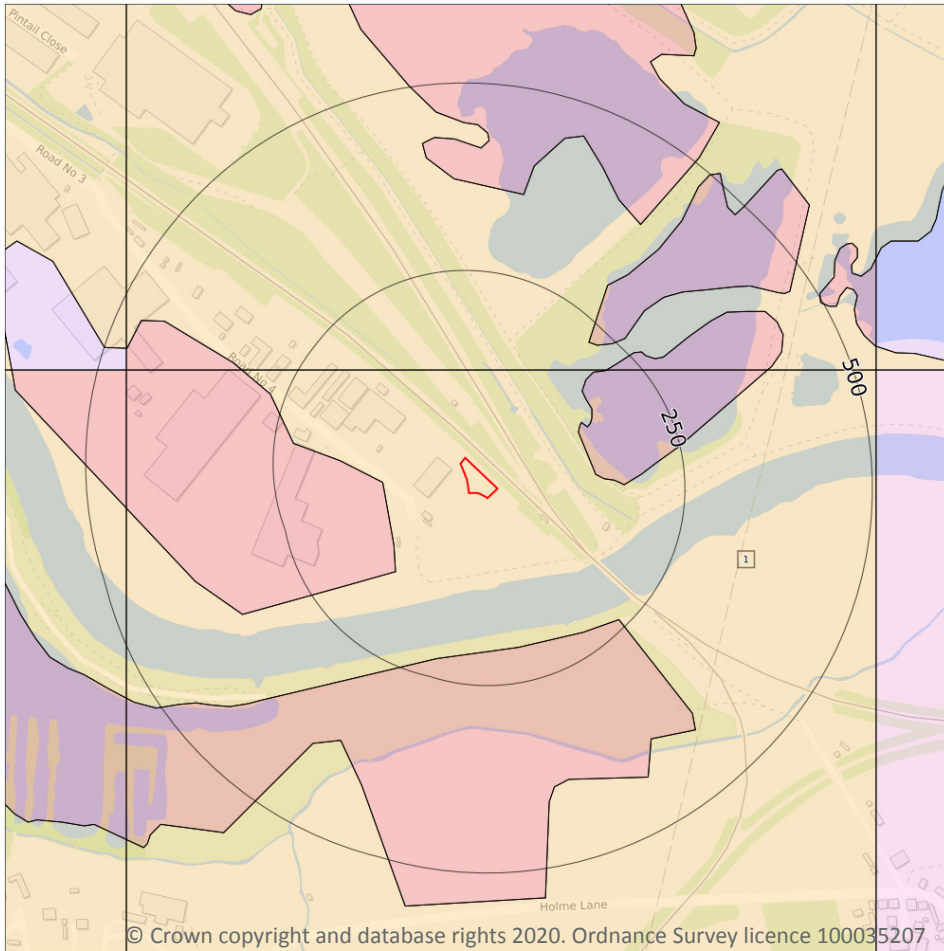
Features are displayed on the Bedrock aquifer map on **page 50**

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
2	117m N	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

1

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid.

Groundwater vulnerability is described as High, Medium or Low as follows:

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

Features are displayed on the Groundwater vulnerability map on **page 52**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	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

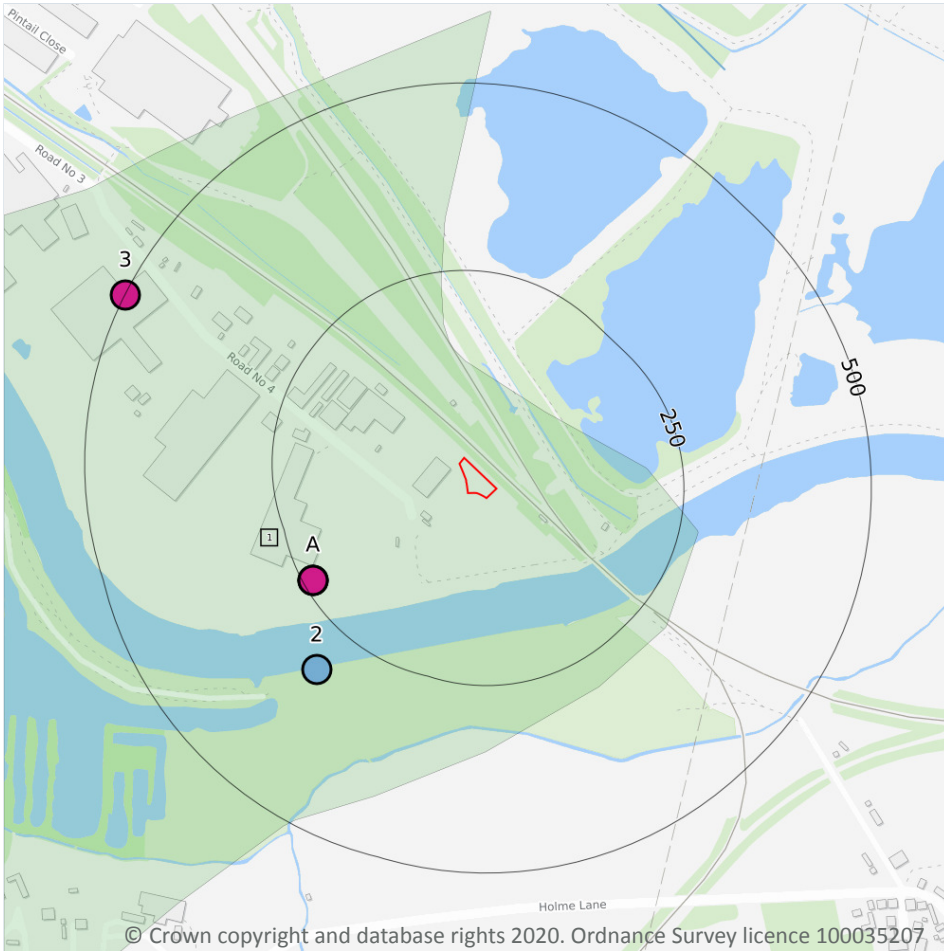
Records on site

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

11

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 54**

ID	Location	Details	
A	237m SW	Status: Historical Licence No: 03/28/64/0319 Details: Dust Suppression Direct Source: Groundwater Midlands Region Point: COLWICK INDUSTRIAL ESTATE Data Type: Point Name: WASTECYCLE LIMITED Easting: 463250 Northing: 339720	Annual Volume (m ³): 73000 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 09/08/2008 Expiry Date: 31/03/2015 Issue No: 1 Version Start Date: 09/08/2008 Version End Date: -
A	237m SW	Status: Historical Licence No: 03/28/64/0319/R01 Details: Dust Suppression Direct Source: Groundwater Midlands Region Point: COLWICK INDUSTRIAL ESTATE Data Type: Point Name: WASTECYCLE LIMITED Easting: 463250 Northing: 339720	Annual Volume (m ³): 36500 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 01/04/2015 Expiry Date: 31/03/2018 Issue No: 1 Version Start Date: 01/04/2015 Version End Date: -
A	237m SW	Status: Active Licence No: 03/28/64/0319/R02 Details: General Use Relating To Secondary Category (High Loss) Direct Source: Groundwater Midlands Region Point: COLWICK INDUSTRIAL ESTATE Data Type: Point Name: Enva England Limited Easting: 463250 Northing: 339720	Annual Volume (m ³): 36,500 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 10/04/2018 Expiry Date: 31/03/2027 Issue No: 2 Version Start Date: 18/12/2018 Version End Date: -
3	499m NW	Status: Historical Licence No: 03/28/64/0059 Details: Process Water Direct Source: Groundwater Midlands Region Point: COLWICK INDUSTRIAL ESTATE - BOREHOLE Data Type: Point Name: TRENT CONCRETE STRUCTURES LTD Easting: 463000 Northing: 340100	Annual Volume (m ³): 46028.3 Max Daily Volume (m ³): 204.57 Original Application No: - Original Start Date: 20/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 02/10/1986 Version End Date: -
-	1347m SW	Status: Historical Licence No: 03/28/64/0138 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: HOLME PIERREPONT - WELL Data Type: Point Name: BARKER Easting: 462400 Northing: 339000	Annual Volume (m ³): 1363.8 Max Daily Volume (m ³): 68.2 Original Application No: - Original Start Date: 21/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
-	1347m SW	Status: Historical Licence No: 03/28/64/0138 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: HOLME PIERREPONT - WELL Data Type: Point Name: BARKER Easting: 462400 Northing: 339000	Annual Volume (m ³): 1363.8 Max Daily Volume (m ³): 68.2 Original Application No: - Original Start Date: 21/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1747m NE	Status: Active Licence No: 03/28/64/0135/G Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: GRAVEL WORKINGS Data Type: Point Name: Severn Trent Water Ltd Easting: 464600 Northing: 341200	Annual Volume (m ³): 1,051.04 Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 03/12/2018 Version End Date: -
-	1767m SW	Status: Historical Licence No: 03/28/64/0064 Details: Mineral Washing Direct Source: Groundwater Midlands Region Point: HOLME PIERREPOINT QUARRY - LAGOON Data Type: Point Name: Tarmac Trading Limited Easting: 461900 Northing: 339000	Annual Volume (m ³): 795550 Max Daily Volume (m ³): 2618.5 Original Application No: - Original Start Date: 21/01/1966 Expiry Date: - Issue No: 104 Version Start Date: 26/10/2015 Version End Date: -
-	1816m SW	Status: Historical Licence No: 03/28/64/0058 Details: General Washing/Process Washing Direct Source: Groundwater Midlands Region Point: HOLME PIERREPONT - BOREHOLE Data Type: Point Name: Tarmac Trading Limited Easting: 461900 Northing: 338900	Annual Volume (m ³): 20457 Max Daily Volume (m ³): 68.2 Original Application No: - Original Start Date: 20/12/1965 Expiry Date: - Issue No: 104 Version Start Date: 26/10/2015 Version End Date: -
-	1819m N	Status: Active Licence No: 03/28/64/0266 Details: Process Water Direct Source: Groundwater Midlands Region Point: STOKE BARDOLPH - BOREHOLE Data Type: Point Name: Sarval Limited Easting: 463840 Northing: 341660	Annual Volume (m ³): 216,000 Max Daily Volume (m ³): 625 Original Application No: - Original Start Date: 08/12/1994 Expiry Date: - Issue No: 101 Version Start Date: 03/12/2018 Version End Date: -



ID	Location	Details	
-	1958m W	Status: Active Licence No: 03/28/64/0006 Details: Process Water Direct Source: Groundwater Midlands Region Point: MILE END ROAD - BOREHOLE Data Type: Point Name: PAR COMMUNICATIONS (LEEDS) LIMITED Easting: 461500 Northing: 340100	Annual Volume (m ³): 16,592.90 Max Daily Volume (m ³): 45.50 Original Application No: - Original Start Date: 05/10/1965 Expiry Date: - Issue No: 100 Version Start Date: 03/12/2018 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

14

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 54**

ID	Location	Details	
2	310m SW	Status: Active Licence No: MD/028/0064/020 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT AT HOLME PIERREPONT Data Type: Point Name: J & J BURNETT LTD Easting: 463255 Northing: 339600	Annual Volume (m ³): 48,000 Max Daily Volume (m ³): 620 Original Application No: - Original Start Date: 29/03/2012 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 03/12/2018 Version End Date: -
4	606m E	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: RIVER TRENT Data Type: Line Name: Severn Trent Water Ltd Easting: 464100 Northing: 339800	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -



ID	Location	Details	
5	623m NE	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: OUSE DYKE Data Type: Line Name: Severn Trent Water Ltd Easting: 462700 Northing: 341500	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -
-	950m N	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: EFFLUENT CARRIER (6) Data Type: Line Name: Severn Trent Water Ltd Easting: 463700 Northing: 340800	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -
-	1103m N	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: EFFLUENT CARRIER (4) Data Type: Line Name: Severn Trent Water Ltd Easting: 463000 Northing: 340900	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -
-	1128m W	Status: Historical Licence No: 03/28/64/0061 Details: Non-Evaporative Cooling Direct Source: Surface Water Midlands Region Point: COLWICK PREMISES - RIVER TRENT Data Type: Point Name: ARMITAGE BROTHERS PLC Easting: 462400 Northing: 340300	Annual Volume (m ³): 81828 Max Daily Volume (m ³): 272.76 Original Application No: - Original Start Date: 04/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 11/06/1982 Version End Date: -
-	1344m NE	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: EFFLUENT CARRIER (7) Data Type: Line Name: Severn Trent Water Ltd Easting: 463900 Northing: 341200	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -



ID	Location	Details	
-	1364m W	Status: Historical Licence No: 03/28/64/0056 Details: General Washing/Process Washing Direct Source: Surface Water Midlands Region Point: CONCRETE WORKS COLWICK - RIVER TRENT Data Type: Point Name: COLWICK QUAYS LTD Easting: 462100 Northing: 340100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/12/1965 Expiry Date: - Issue No: 101 Version Start Date: 01/04/1999 Version End Date: -
-	1457m N	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: EFFLUENT CARRIER (5) Data Type: Line Name: Severn Trent Water Ltd Easting: 463300 Northing: 341400	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -
-	1657m NE	Status: Active Licence No: MD/028/0064/046 Details: Hydroelectric Power Generation Direct Source: Surface Water Midlands Region Point: STOKE WEIR HEP TURBINES Data Type: Point Name: Canal and River Trust Easting: 464968 Northing: 340602	Annual Volume (m ³): 620,000,000 Max Daily Volume (m ³): 1,728,000 Original Application No: - Original Start Date: 29/03/2019 Expiry Date: 31/03/2027 Issue No: 1 Version Start Date: 29/03/2019 Version End Date: -
-	1678m N	Status: Active Licence No: 03/28/64/0135/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: THE FERRY DYKE Data Type: Line Name: Severn Trent Water Ltd Easting: 463900 Northing: 341500	Annual Volume (m ³): 70,919 Max Daily Volume (m ³): 70,919 Original Application No: - Original Start Date: 04/04/1966 Expiry Date: - Issue No: 103 Version Start Date: 01/04/2019 Version End Date: -
-	1922m NE	Status: Active Licence No: 03/28/64/0089 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: SHELFORD LODGE FARM - RIVER TRENT Data Type: Point Name: G W FISHER & SON Easting: 465100 Northing: 340900	Annual Volume (m ³): 22,730 Max Daily Volume (m ³): 1,136.50 Original Application No: - Original Start Date: 03/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 03/12/2018 Version End Date: -



ID	Location	Details	
-	1948m N	Status: Historical Licence No: 03/28/64/0167 Details: Non-Evaporative Cooling Direct Source: Surface Water Midlands Region Point: STOKE BARDOLPH SEWAGE WORKS OUTFALL Data Type: Point Name: CHETTLES LIMITED Easting: 463800 Northing: 341800	Annual Volume (m ³): 796476 Max Daily Volume (m ³): 2182.13 Original Application No: - Original Start Date: 08/01/1976 Expiry Date: - Issue No: 100 Version Start Date: 15/12/1986 Version End Date: -
-	1948m N	Status: Historical Licence No: 03/28/64/0167 Details: Process Water Direct Source: Surface Water Midlands Region Point: STOKE BARDOLPH SEWAGE WORKS OUTFALL Data Type: Point Name: CHETTLES LIMITED Easting: 463800 Northing: 341800	Annual Volume (m ³): 796476 Max Daily Volume (m ³): 2182.13 Original Application No: - Original Start Date: 08/01/1976 Expiry Date: - Issue No: 100 Version Start Date: 15/12/1986 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	1
----------------------------	----------

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 54**

ID	Location	Type	Description
1	On site	3	Total catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

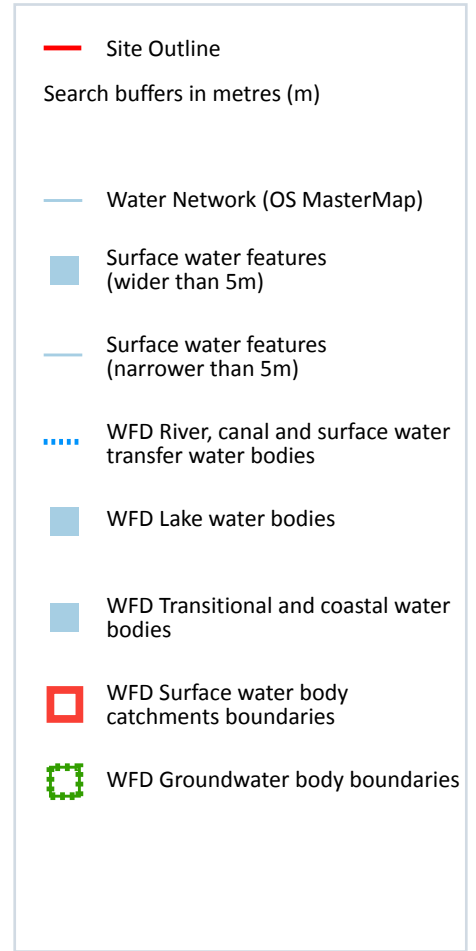
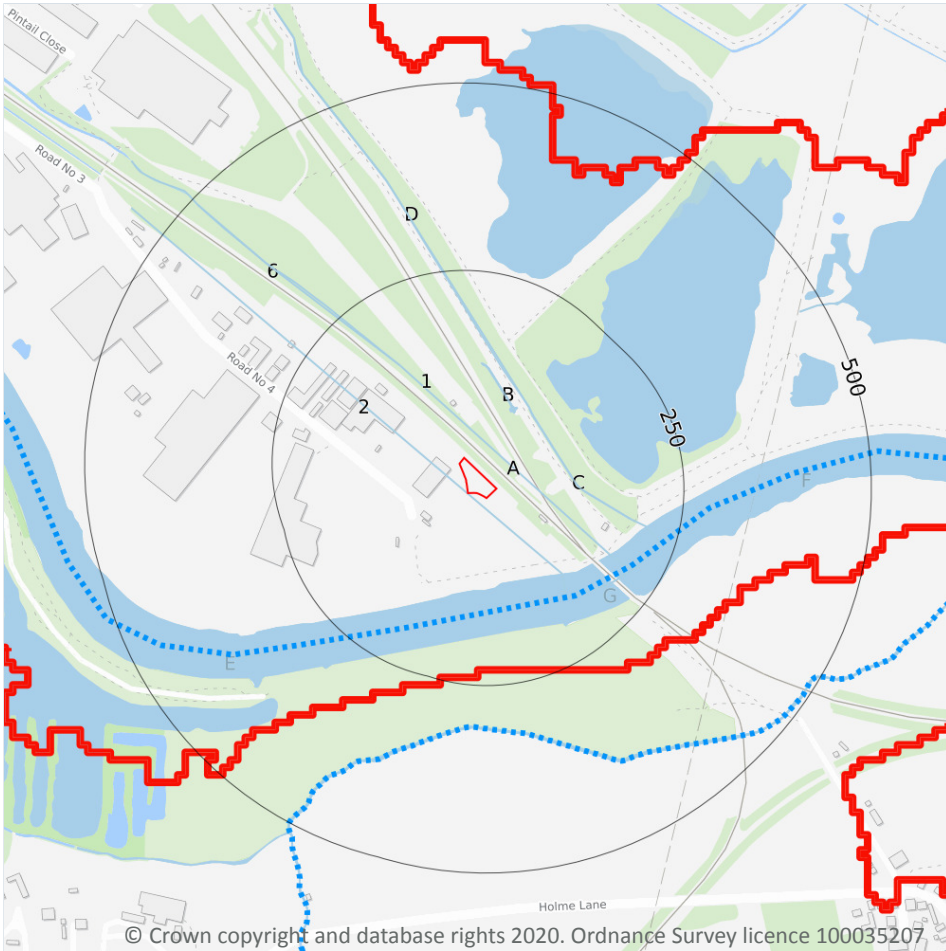
0

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

12

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 62**

ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
A	34m NE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
B	90m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	93m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	108m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	148m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
6	150m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	170m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
G	174m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	183m E	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
G	211m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent
F	230m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Trent

This data is sourced from the Ordnance Survey.



6.2 Surface water features

Records within 250m

7

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 62**

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 62**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	On site	River WB catchment	Trent from Soar to The Beck	GB104028053110	Nottingham Urban	Lower Trent and Erewash

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 62**



ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
4	150m S	River	Trent from Soar to The Beck	GB104028053110	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
------------------------	----------

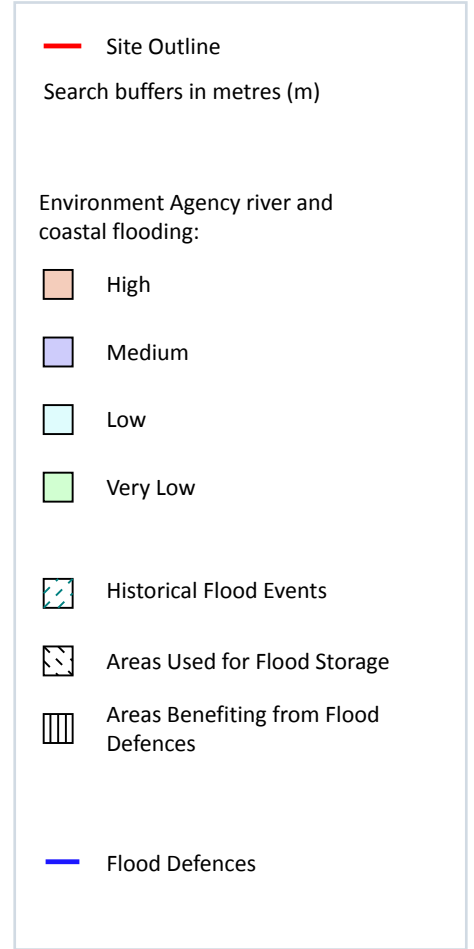
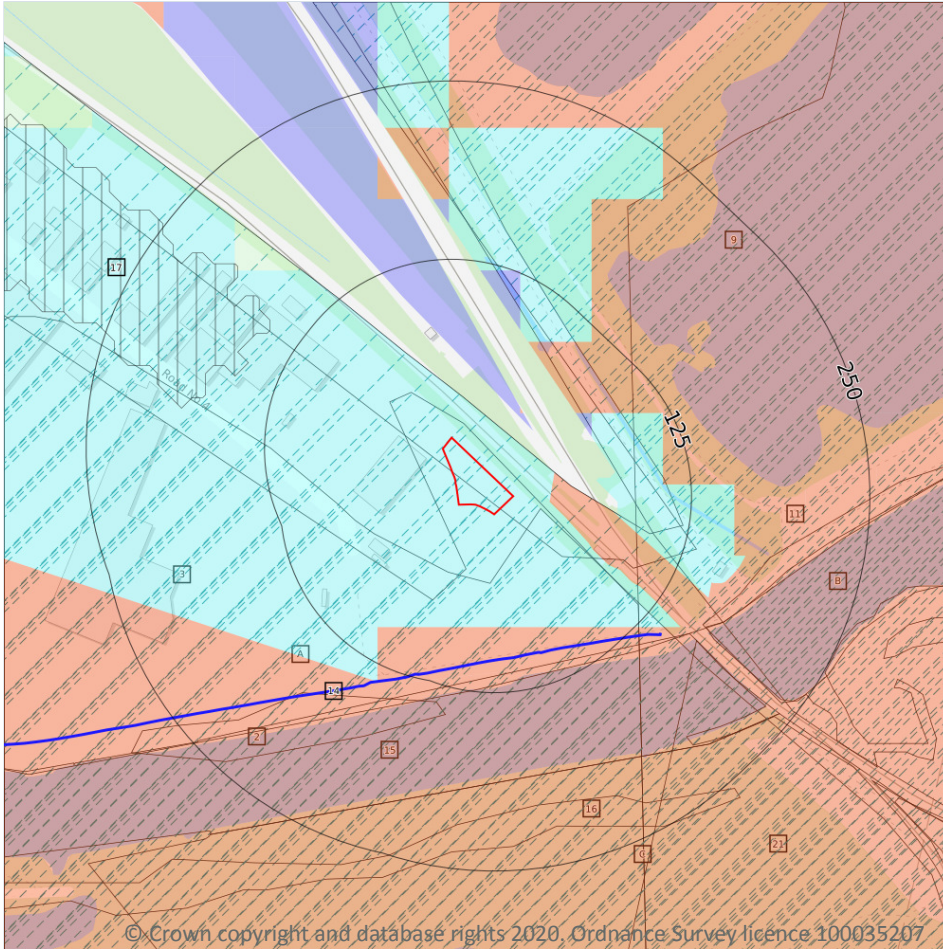
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 62**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	On site	Lower Trent Erewash - Secondary Combined	GB40402G990300	Poor	Poor	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 Sea (RoFRaS)

Records within 50m

4

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

Features are displayed on the River and coastal flooding map on **page 66**

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

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

7.2 Historical Flood Events

Records within 250m

12

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 66**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	On site	Trent 1932 Nottingham & West Bridgford	1932-05-01 1932-05-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	On site	February 1946 Event (Nottingham)	1946-02-01 1946-02-28	Main river	Channel capacity exceeded (no raised defences)	Fluvial
A	On site	Fluvial Trent March 1947	1947-03-01 1947-03-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
3	21m SE	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
9	71m NE	Fluvial Trent Feb 1977	1977-02-26 1977-02-26	Main river	Channel capacity exceeded (no raised defences)	Fluvial
11	86m E	Trent 1932 Gunthorpe - Newark	1932-01-01 1932-01-01	Main river	Channel capacity exceeded (no raised defences)	Fluvial
15	111m S	Fluvial Trent October 2000	2000-10-31 2000-10-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
16	117m S	Trent 8th November 2000	2000-11-08 2000-11-08	Main river	Channel capacity exceeded (no raised defences)	Fluvial
B	161m SE	Fluvial Trent October 2000	2000-10-31 2000-10-31	Main river	Channel capacity exceeded (no raised defences)	Fluvial
B	163m SE	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
21	164m SE	Lower Trent - 10 Nov 2000	2000-11-10 2000-11-10	Main river	Channel capacity exceeded (no raised defences)	Fluvial
C	185m S	Fluvial Trent October 2000	2000-10-31 2000-10-31	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

1

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

Features are displayed on the River and coastal flooding map on **page 66**

ID	Location	Update
14	101m S	16/11/2020

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

7.4 Areas Benefiting from Flood Defences

Records within 250m

1

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.

Features are displayed on the River and coastal flooding map on **page 66**

ID	Location	
17	147m NW	Area benefiting from flood defences

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

7.5 Flood Storage Areas

Records within 250m

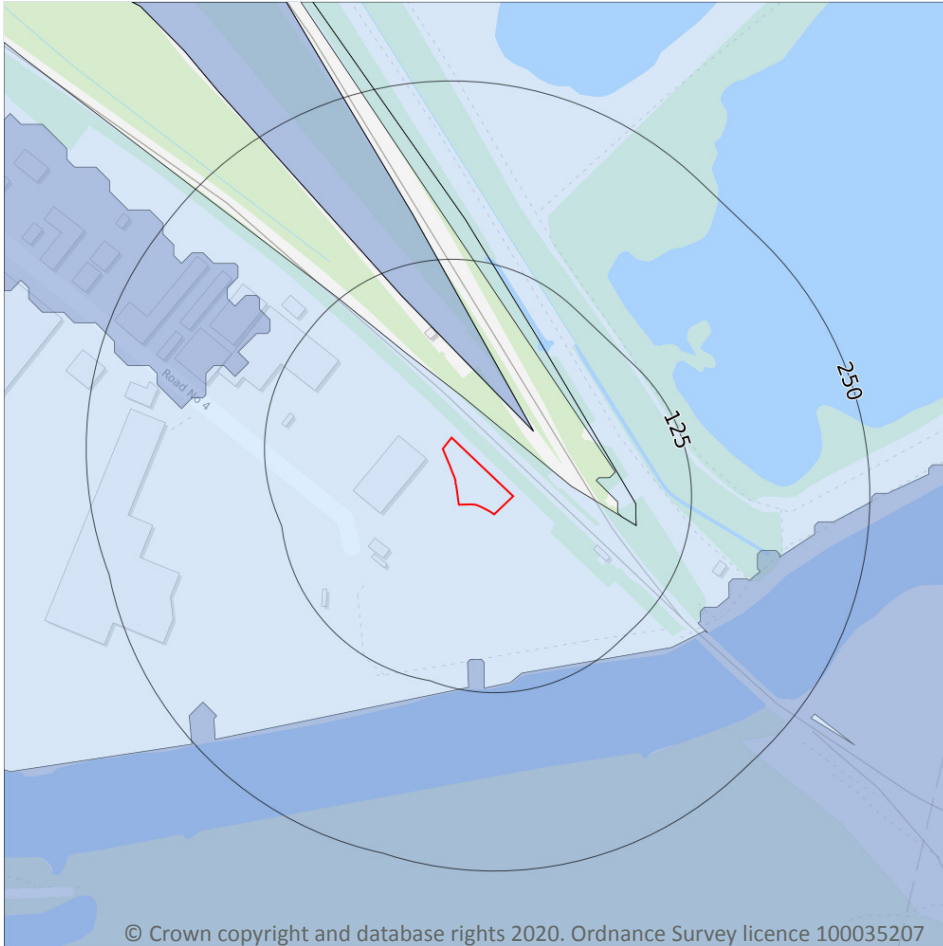
0

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

© Crown copyright and database rights 2020. Ordnance Survey licence 100035207

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 66**

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

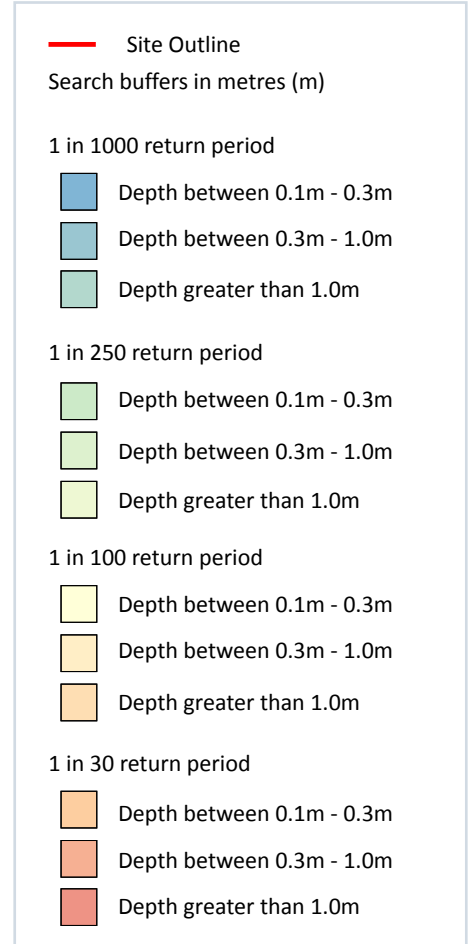
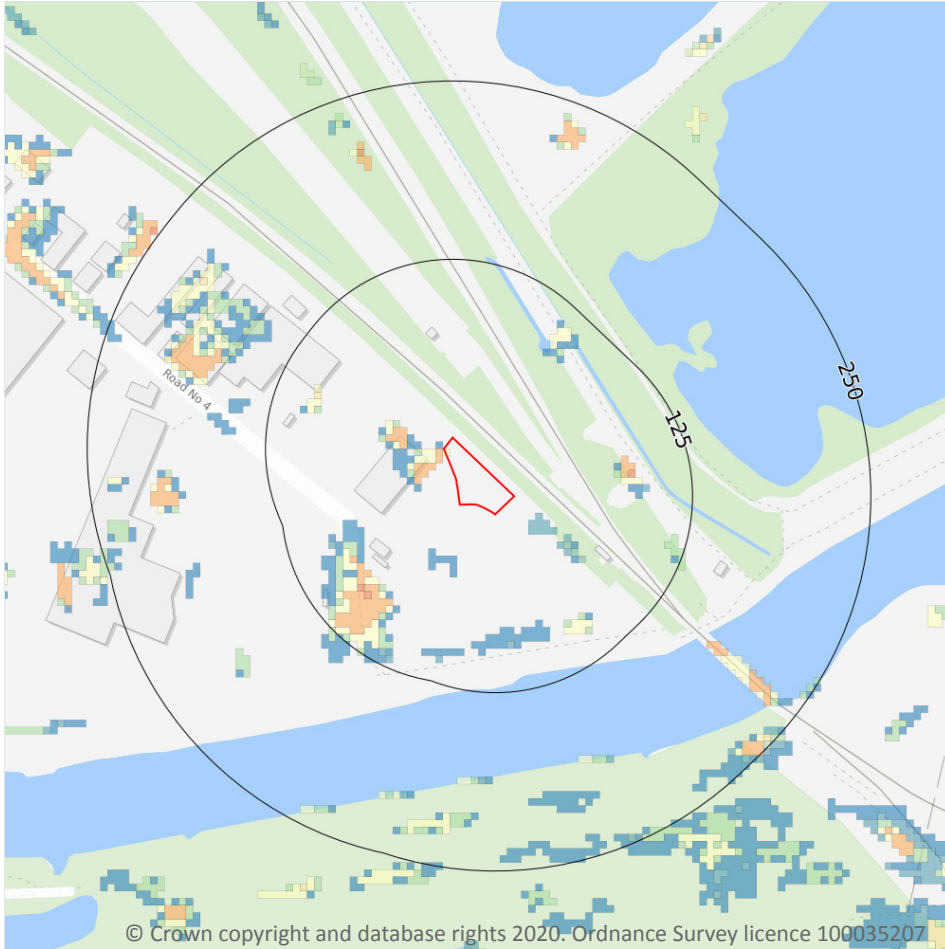
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 66**

Location	Type
43m NE	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 100 year, 0.1m - 0.3m

Highest risk within 50m

1 in 30 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 71**

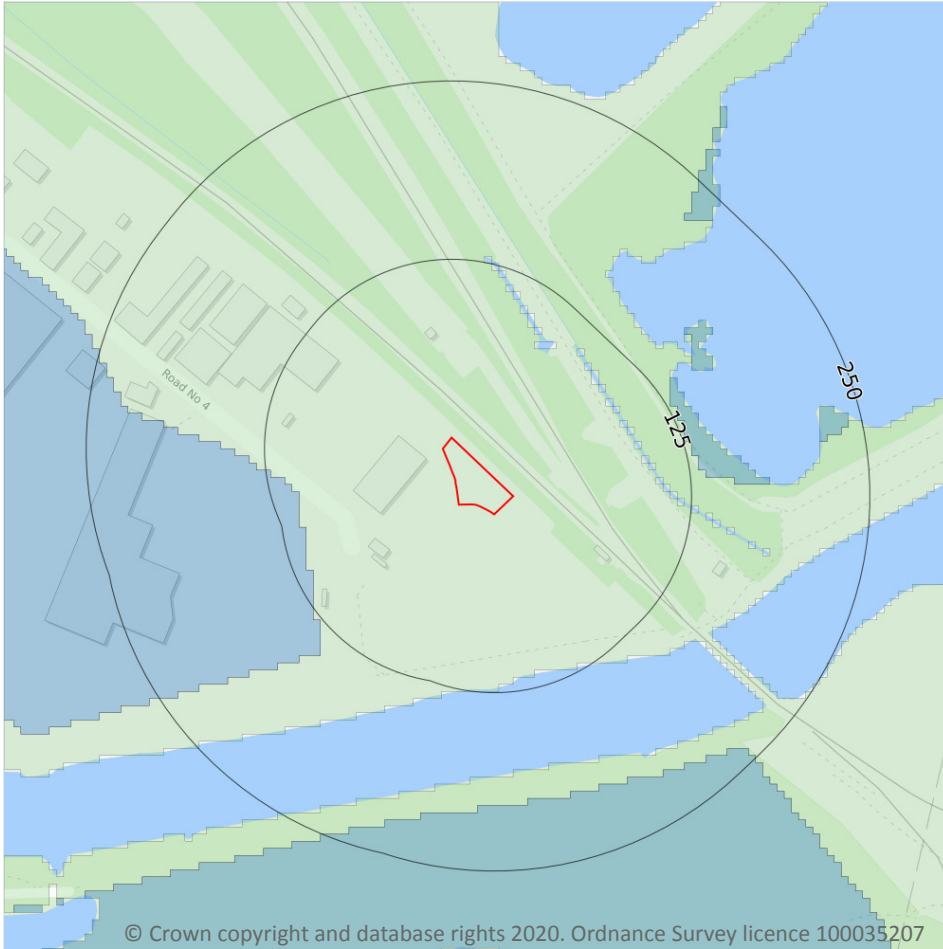
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on

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

Return period	Maximum modelled depth
1 in 1000 year	Between 0.3m and 1.0m
1 in 250 year	Between 0.1m and 0.3m
1 in 100 year	Between 0.1m and 0.3m
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Low

Highest risk within 50m

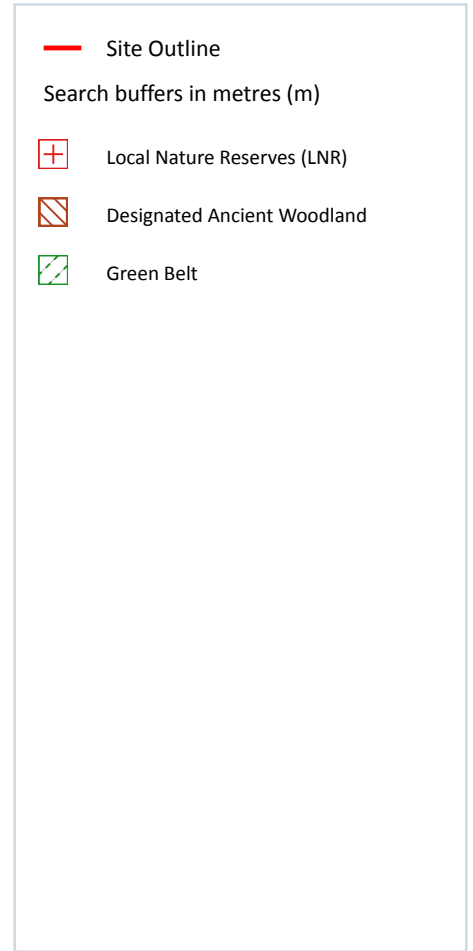
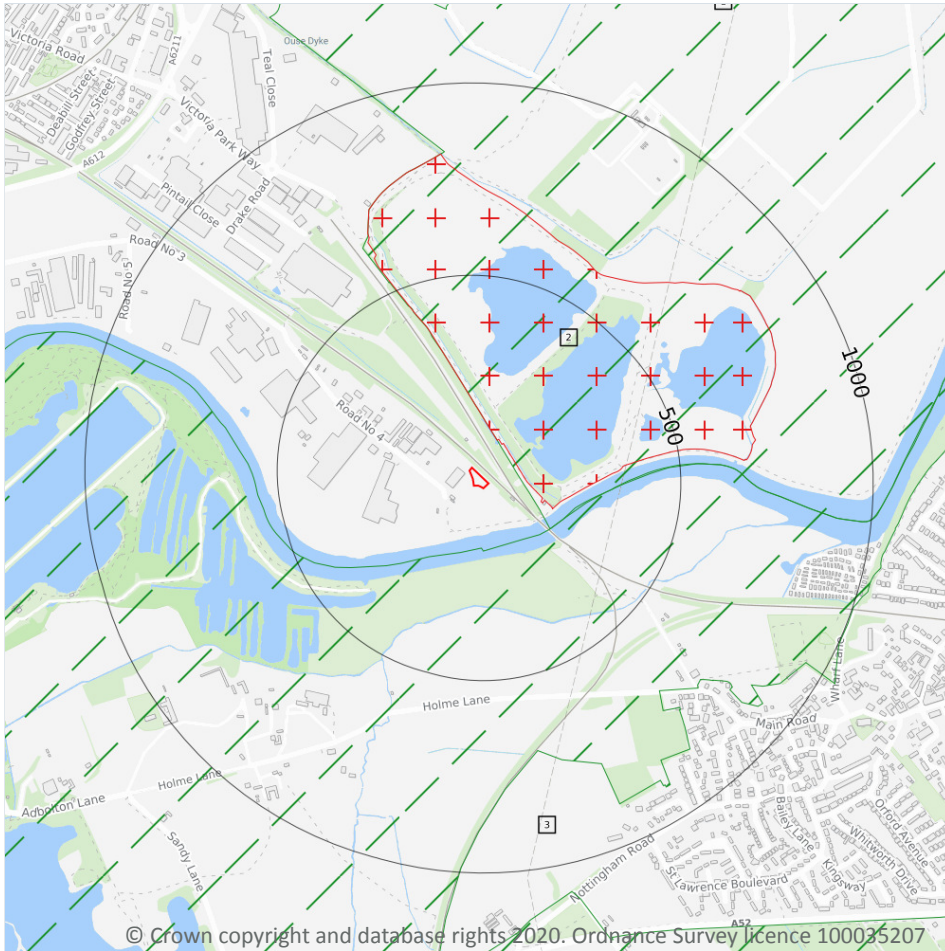
Low

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 73**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 74**

ID	Location	Name	Data source
2	88m NE	Netherfield Lagoons	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

1

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.

Features are displayed on the Environmental designations map on **page 74**

ID	Location	Name	Woodland Type
-	1296m E	Malkin Hill Wood	Ancient & Semi-Natural Woodland

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

3

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

Features are displayed on the Environmental designations map on **page 74**

ID	Location	Name	Local Authority name
1	77m NE	Derby and Nottingham	Gedling
3	155m S	Derby and Nottingham	Rushcliffe
-	1998m W	Derby and Nottingham	Nottingham

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

6

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	River Trent from River Soar to Carlton-on-Trent NVZ	Surface Water	S320	Existing



Location	Name	Type	NVZ ID	Status
181m S	Polser Brook from Cotgrave Brook to River Trent NVZ	Surface Water	S324	Existing
217m NW	Ouse Dyke catchment (trib of Trent) NVZ	Surface Water	S325	Existing
597m NE	River Trent from River Soar to Carlton-on-Trent NVZ	Surface Water	S320	Existing
618m SE	Polser Brook from Cotgrave Brook to River Trent NVZ	Surface Water	S324	Existing
696m NE	Ouse Dyke catchment (trib of Trent) NVZ	Surface Water	S325	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

0

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.

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m

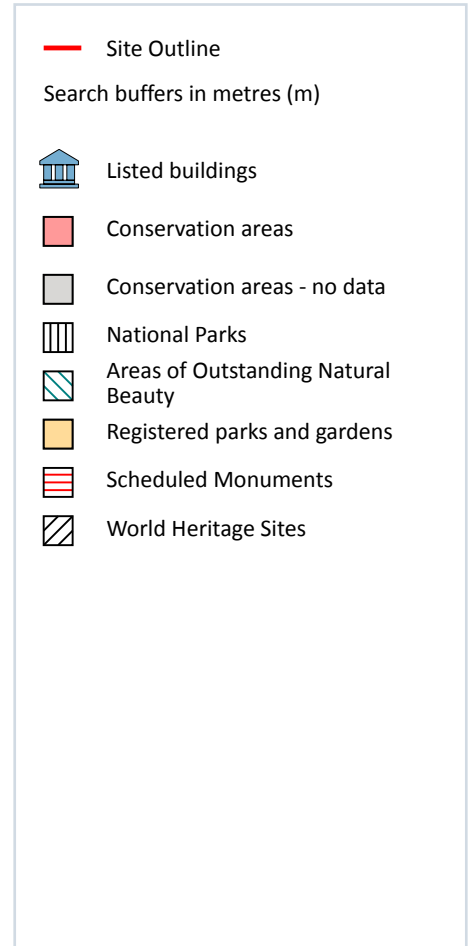
0

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

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



11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m

0

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

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

11.3 National Parks

Records within 250m

0

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

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

11.4 Listed Buildings

Records within 250m

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 81**

ID	Location	Name	Grade	Reference Number	Listed date
1	189m SE	Railway Bridge Over The River Trent, Stoke Bardolph, Gedling, Nottinghamshire, NG12	II	1237291	26/06/1992
2	223m SE	Railway Bridge Over The River Trent, Radcliffe On Trent, Rushcliffe, Nottinghamshire, NG12	II	1249646	13/11/1986

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



11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

Records within 250m

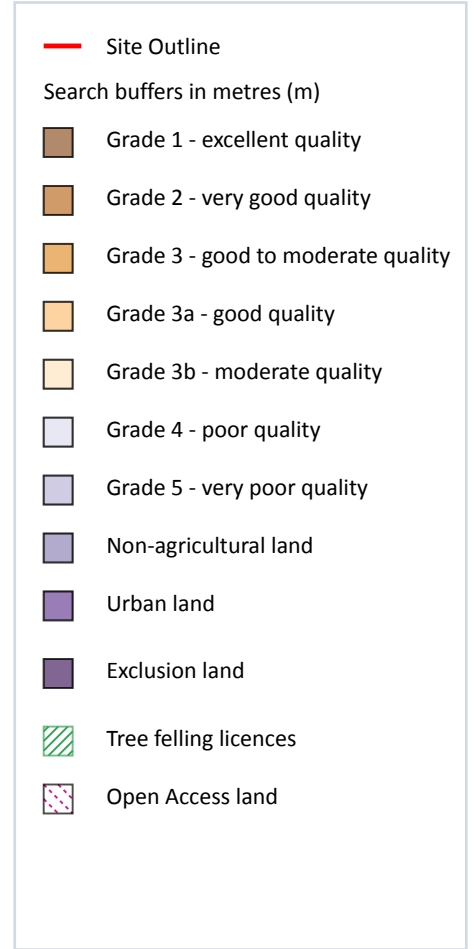
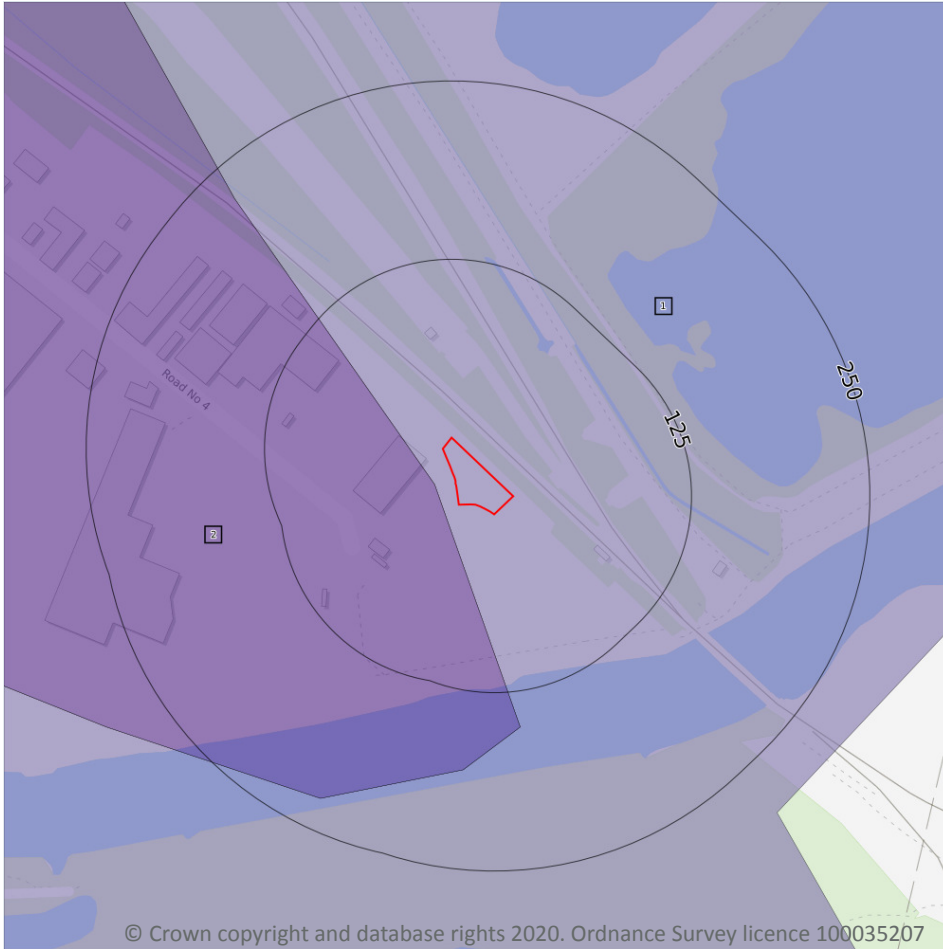
0

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

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



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 84**

ID	Location	Classification	Description
1	On site	Non Agricultural	-
2	11m W	Urban	-

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

2

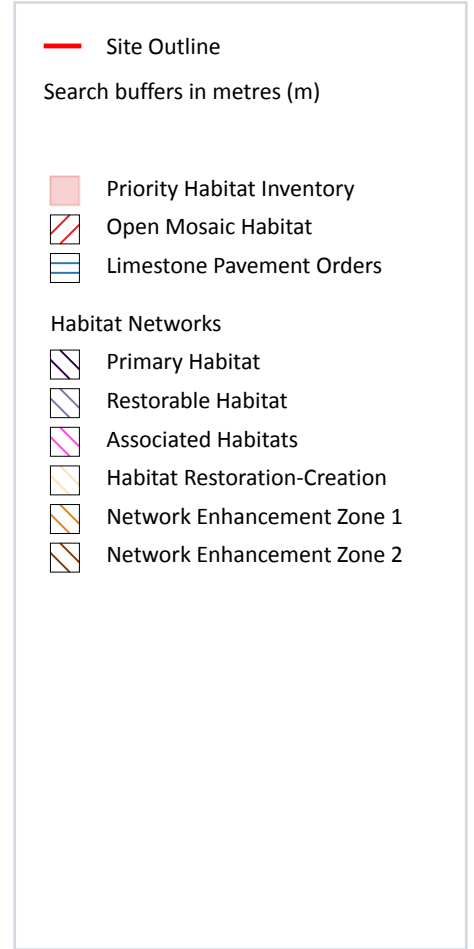
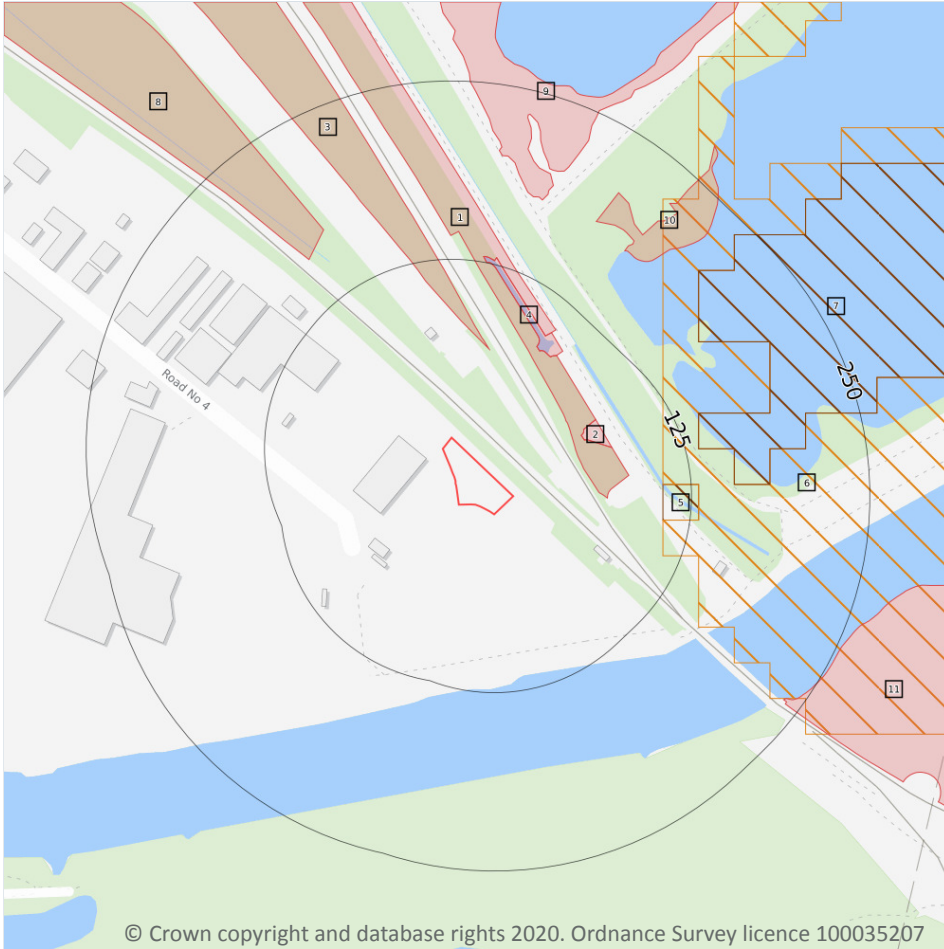
Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
181m S	482560	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
237m E	482560	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

This data is sourced from Natural England.



13 Habitat designations



13.1 Priority Habitat Inventory

Records within 250m

8

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 86**

ID	Location	Main Habitat	Other habitats
1	53m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	64m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	68m NE	No main habitat but additional habitats present	Additional: LFENS (INV 50%)
4	87m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
8	160m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
9	178m N	No main habitat but additional habitats present	Main habitat: RBEDS (INV > 50%)
10	179m NE	No main habitat but additional habitats present	Main habitat: RBEDS (INV > 50%)
11	237m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

3

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 86**

ID	Location	Type	Habitat
5	105m E	Network Enhancement Zone 2	Not specified
6	105m E	Network Enhancement Zone 1	Not specified
7	134m E	Network Enhancement Zone 2	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

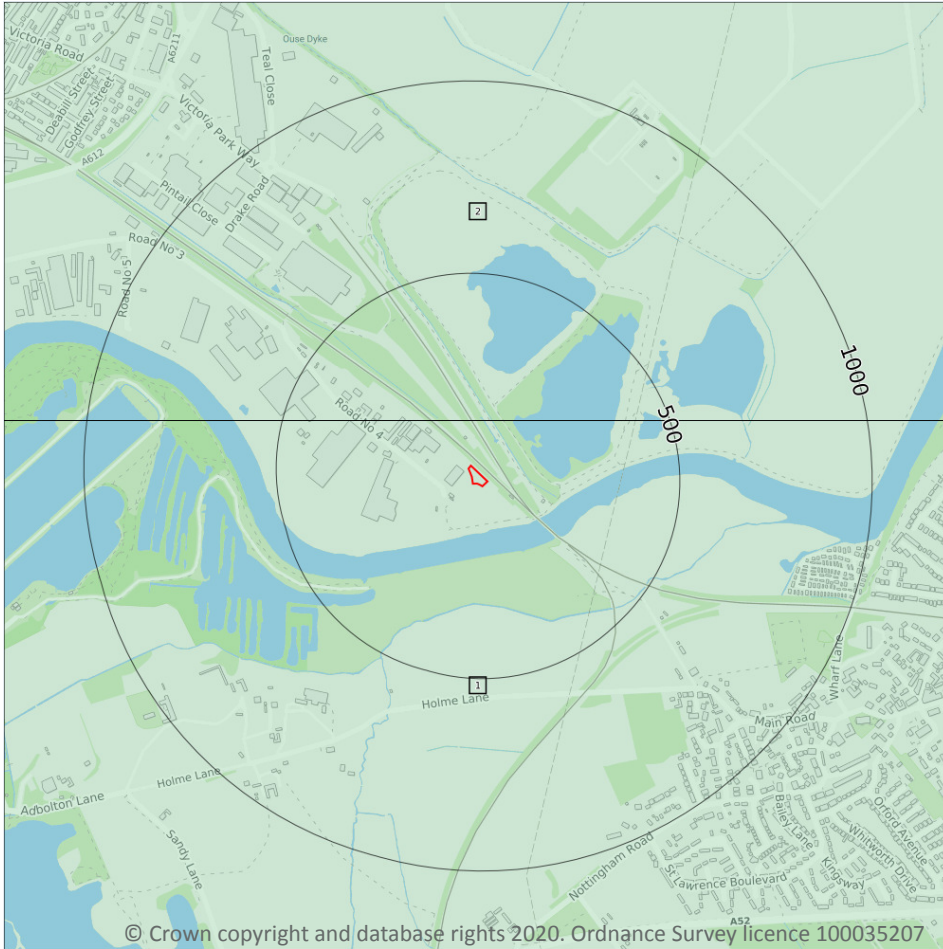


SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat 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

2

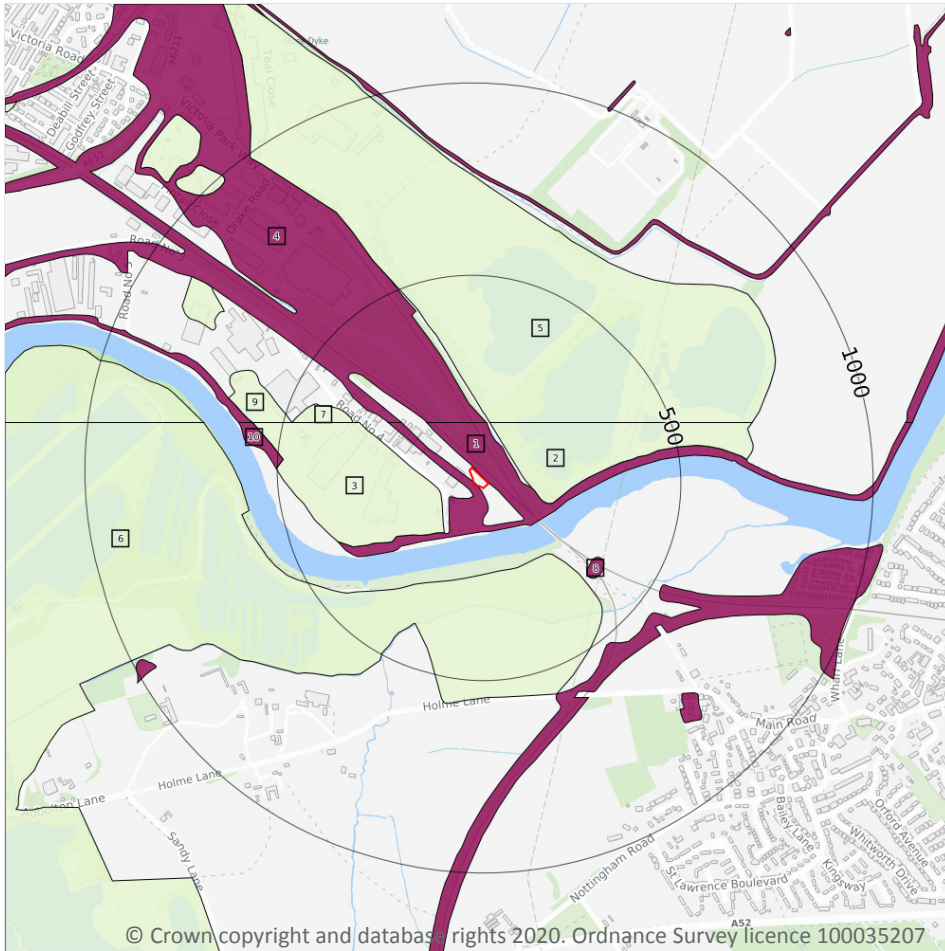
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 89**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SK63NW
2	117m N	Full	Full	Full	Full	SK64SW

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 **10**

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 90**

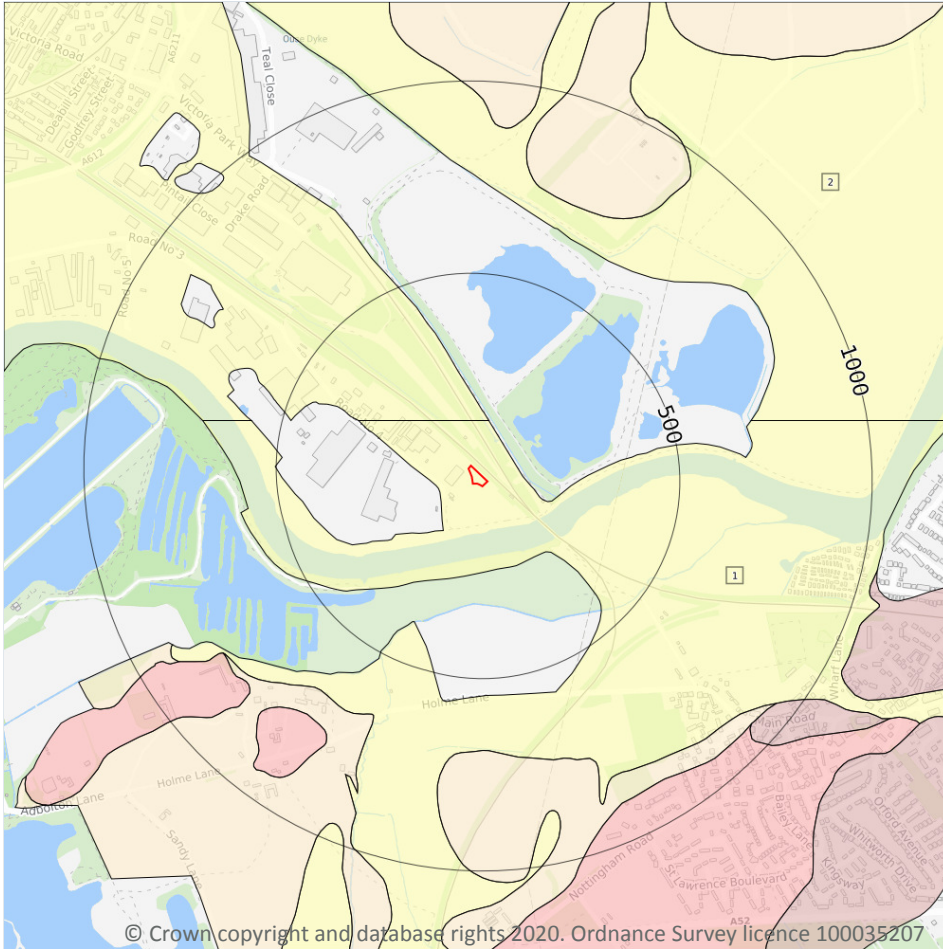
ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	85m NE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
3	88m W	WMGR-ARTDP	Infilled Ground	Artificial Deposit
4	117m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

ID	Location	LEX Code	Description	Rock description
5	126m N	WMGR-ARTDP	Infilled Ground	Artificial Deposit
6	219m S	WMGR-ARTDP	Infilled Ground	Artificial Deposit
7	328m W	WMGR-ARTDP	Infilled Ground	Artificial Deposit
8	335m SE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
9	478m W	WMGR-ARTDP	Infilled Ground	Artificial Deposit
10	485m W	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

2

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 92**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel
2	117m N	ALV-XCZSV	Alluvium - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

This data is sourced from the British Geological Survey.



14.4 Landslip (10k)

Records within 500m

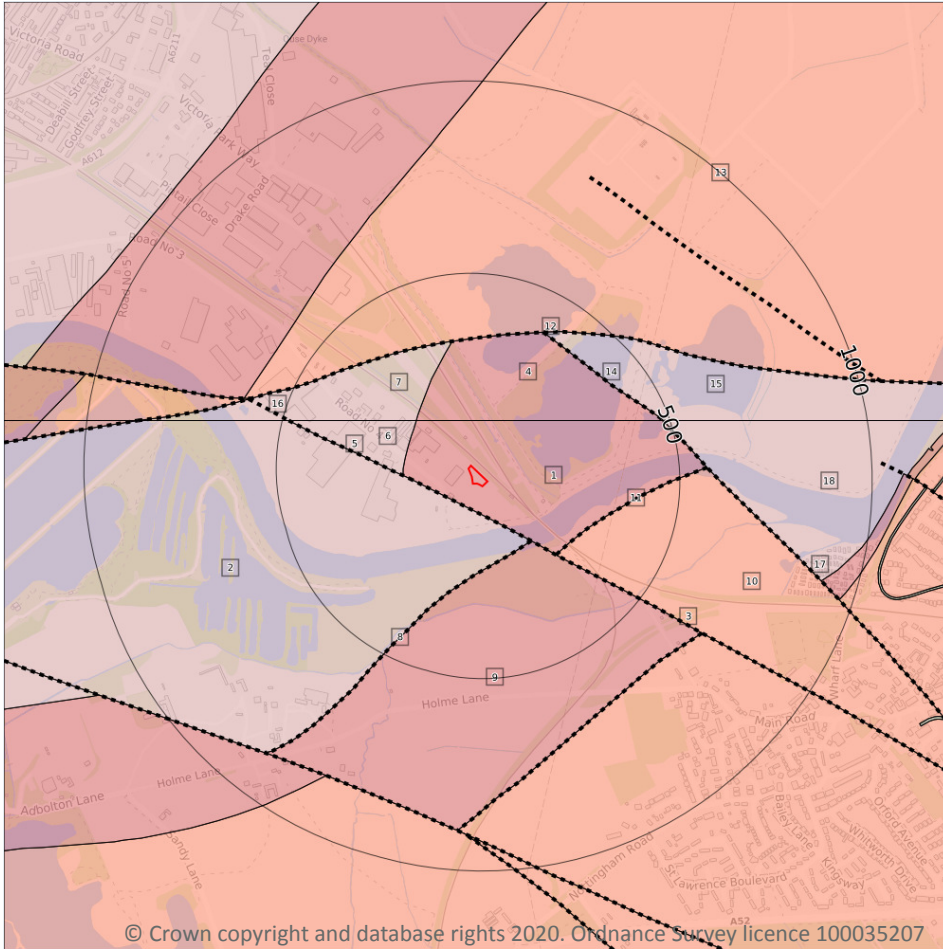
0

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

10

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 94**

ID	Location	LEX Code	Description	Rock age
1	On site	RDCF-MDSI	Radcliffe Member - Mudstone And Siltstone	Anisian Age
2	62m SW	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
4	117m N	RDCF-MDSI	Radcliffe Member - Mudstone And Siltstone	Anisian Age



ID	Location	LEX Code	Description	Rock age
6	166m W	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
7	184m NW	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
9	188m SE	RDCF-MDSI	Radcliffe Member - Mudstone And Siltstone	Anisian Age
10	261m SE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
13	327m N	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
15	390m NE	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
18	484m E	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

8

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.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 94**

ID	Location	Category	Description
3	62m SW	FAULT	Normal fault, inferred
5	156m W	FAULT	Normal fault, inferred
8	188m SE	FAULT	Normal fault, inferred
11	261m SE	FAULT	Normal fault, inferred
12	327m N	FAULT	Normal fault, inferred
14	390m NE	FAULT	Normal fault, inferred
16	484m W	FAULT	Normal fault, inferred
17	484m E	FAULT	Normal fault, inferred

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

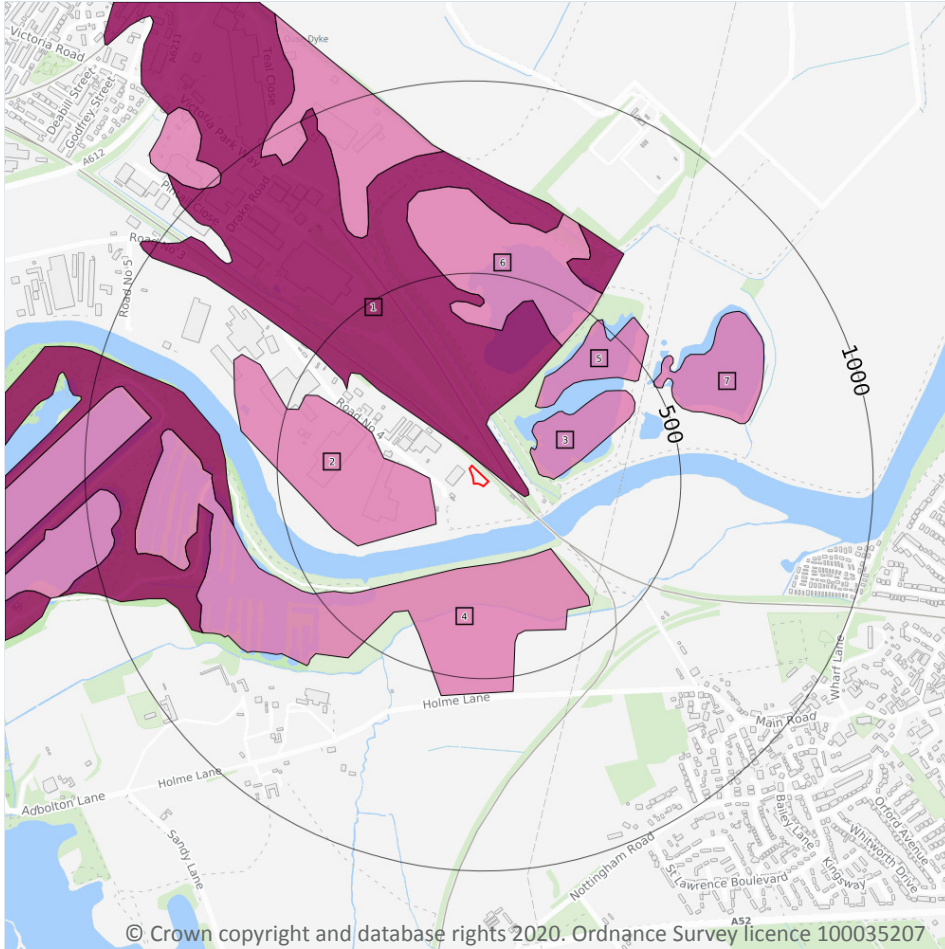
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 96**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW126_nottingham_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

7

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 97**

ID	Location	LEX Code	Description	Rock description
1	19m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	107m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	128m E	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
4	203m S	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID



ID	Location	LEX Code	Description	Rock description
5	226m NE	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
6	360m N	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	497m NE	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

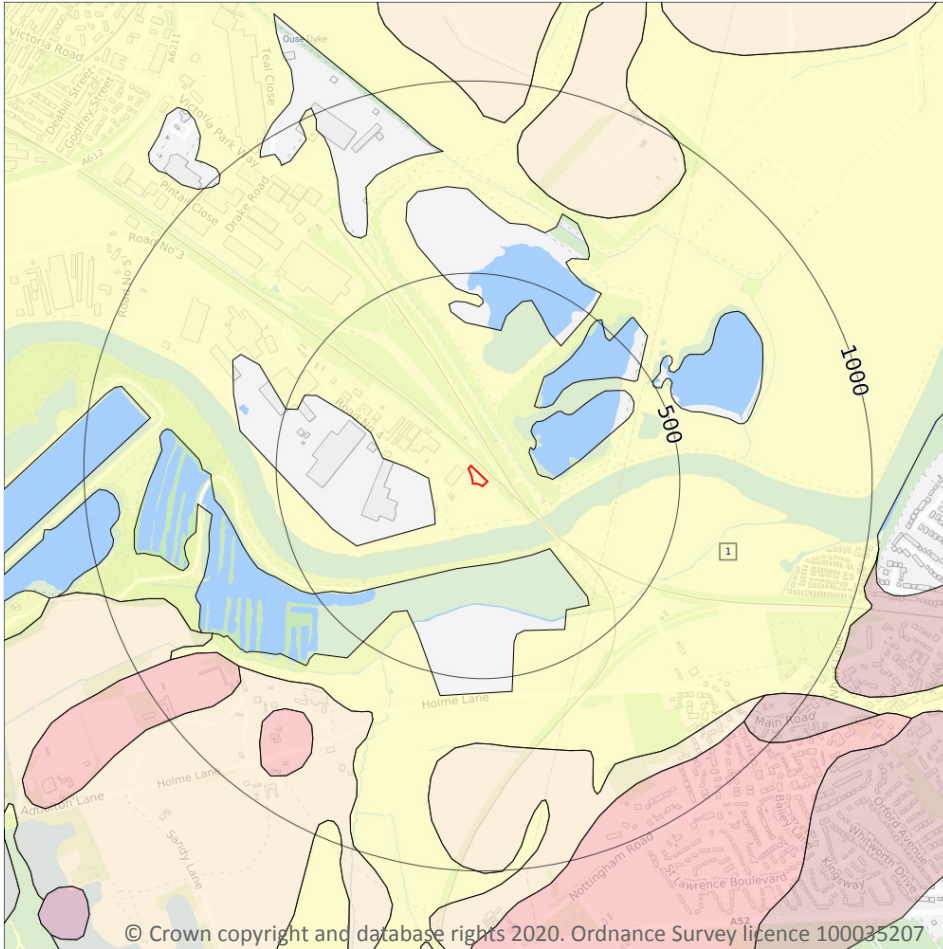
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
19m N	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

1

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 99**

ID	Location	LEX Code	Description	Rock description
1	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m

1

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

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

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

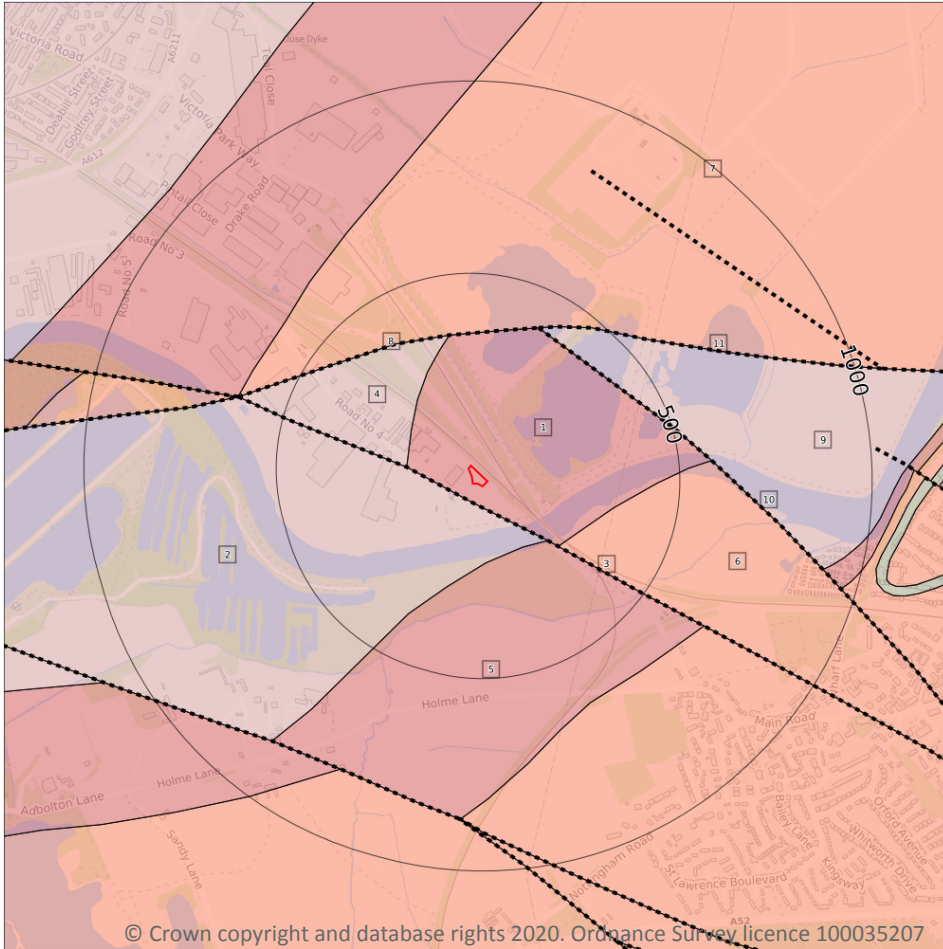
0

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

This data is sourced from the British Geological Survey.



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

7

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 101**

ID	Location	LEX Code	Description	Rock age
1	On site	RDCF-MDSI	RADCLIFFE MEMBER - MUDSTONE AND SILTSTONE	ANISIAN
2	44m SW	TPSF-SIMS	TARPORLEY SILTSTONE FORMATION - SILTSTONE, MUDSTONE AND SANDSTONE	OLENEKIAN
4	160m W	TPSF-SIMS	TARPORLEY SILTSTONE FORMATION - SILTSTONE, MUDSTONE AND SANDSTONE	OLENEKIAN

ID	Location	LEX Code	Description	Rock age
5	187m SE	RDCF-MDSI	RADCLIFFE MEMBER - MUDSTONE AND SILTSTONE	ANISIAN
6	250m SE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
7	343m N	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
9	393m NE	TPSF-SIMS	TARPORLEY SILTSTONE FORMATION - SILTSTONE, MUDSTONE AND SANDSTONE	OLENEKIAN

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
44m W	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	4
----------------------------	----------

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.

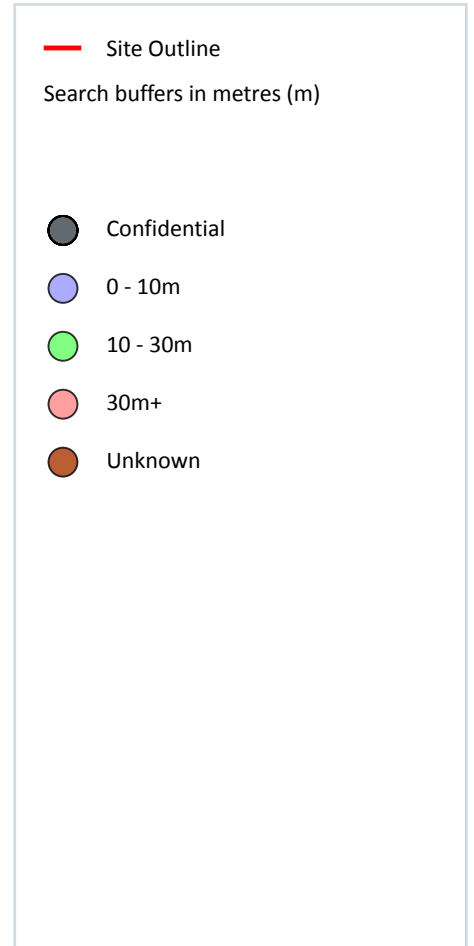
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 101**

ID	Location	Category	Description
3	44m SW	FAULT	Fault, inferred
8	343m N	FAULT	Fault, inferred
10	393m NE	FAULT	Fault, inferred, displacement unknown
11	399m NE	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.



16 Boreholes



16.1 BGS Boreholes

Records within 250m

1

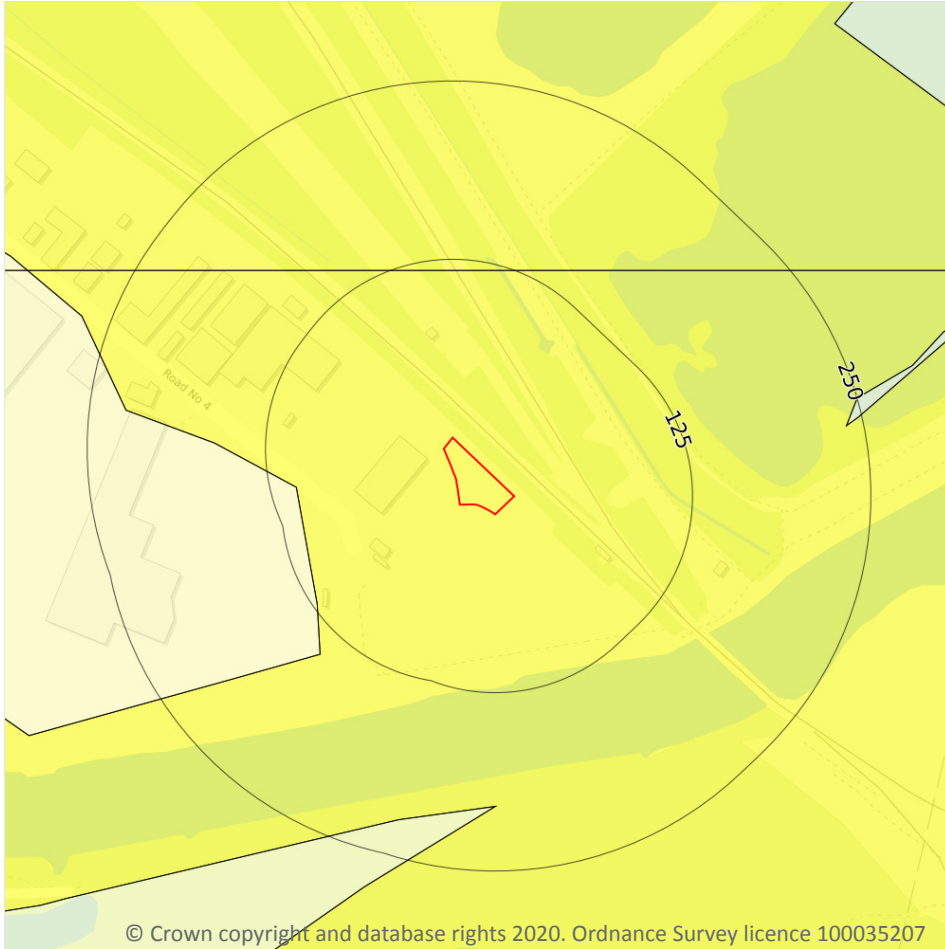
The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several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

Features are displayed on the Boreholes map on **page 103**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	234m SW	463260 339710	WASTECYCLE LTD, COLWICK INDUSTRIAL ESTATE	80.0	N	18078183

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

© Crown copyright and database rights 2020. Ordnance Survey licence 100035207

17.1 Shrink swell clays

Records within 50m

1

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

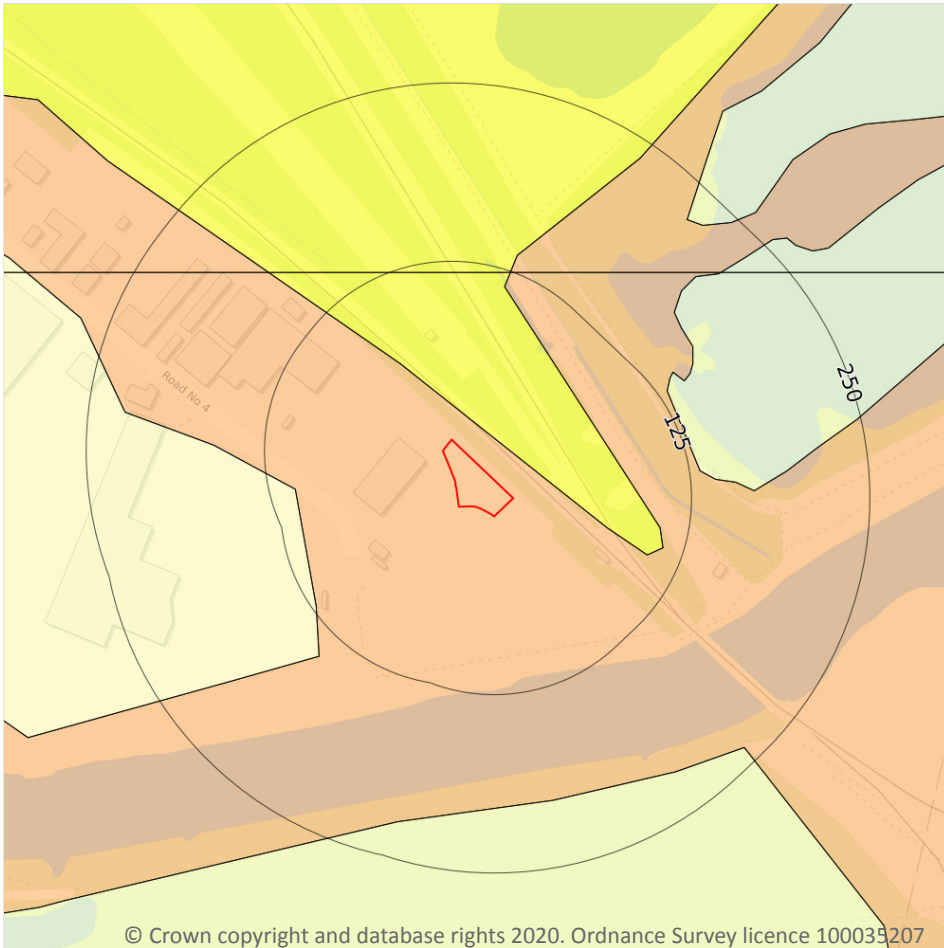
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 104**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



— Site Outline
Search buffers in metres (m)

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

© Crown copyright and database rights 2020. Ordnance Survey licence 100039207

17.2 Running sands

Records within 50m

2

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 105**

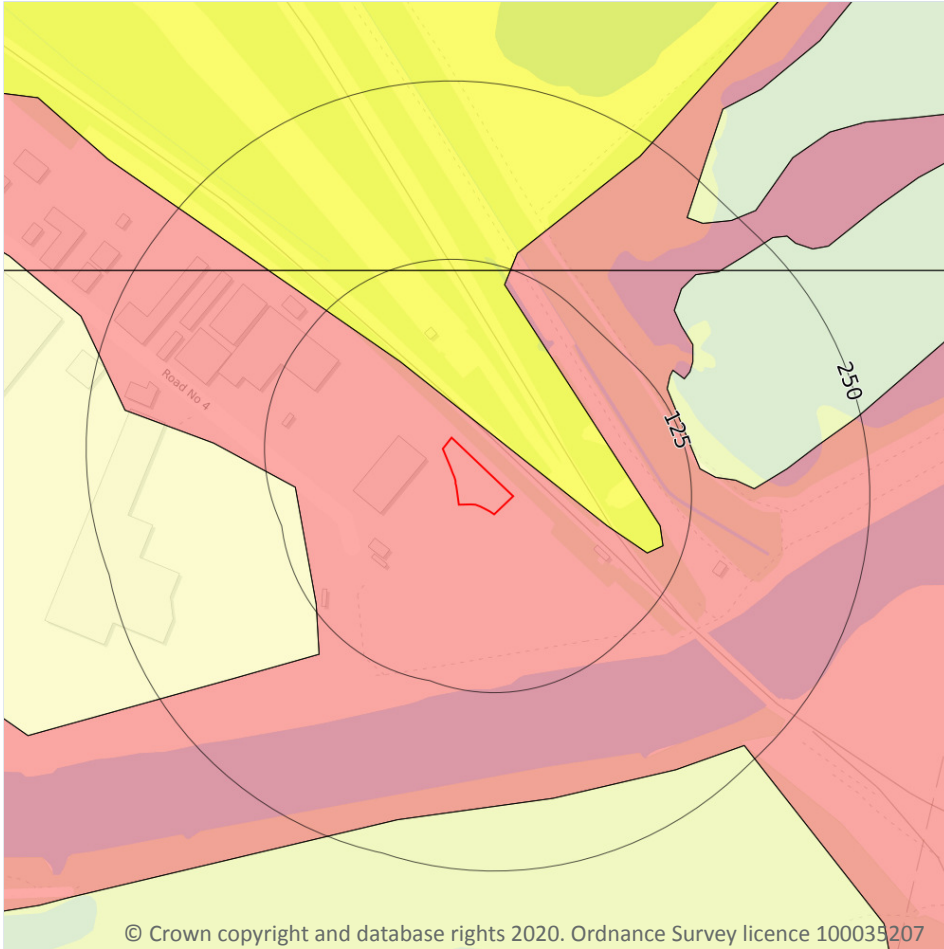
Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

Location	Hazard rating	Details
19m NE	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



— Site Outline
Search buffers in metres (m)

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

© Crown copyright and database rights 2020. Ordnance Survey licence 100039207

17.3 Compressible deposits

Records within 50m

2

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 107**

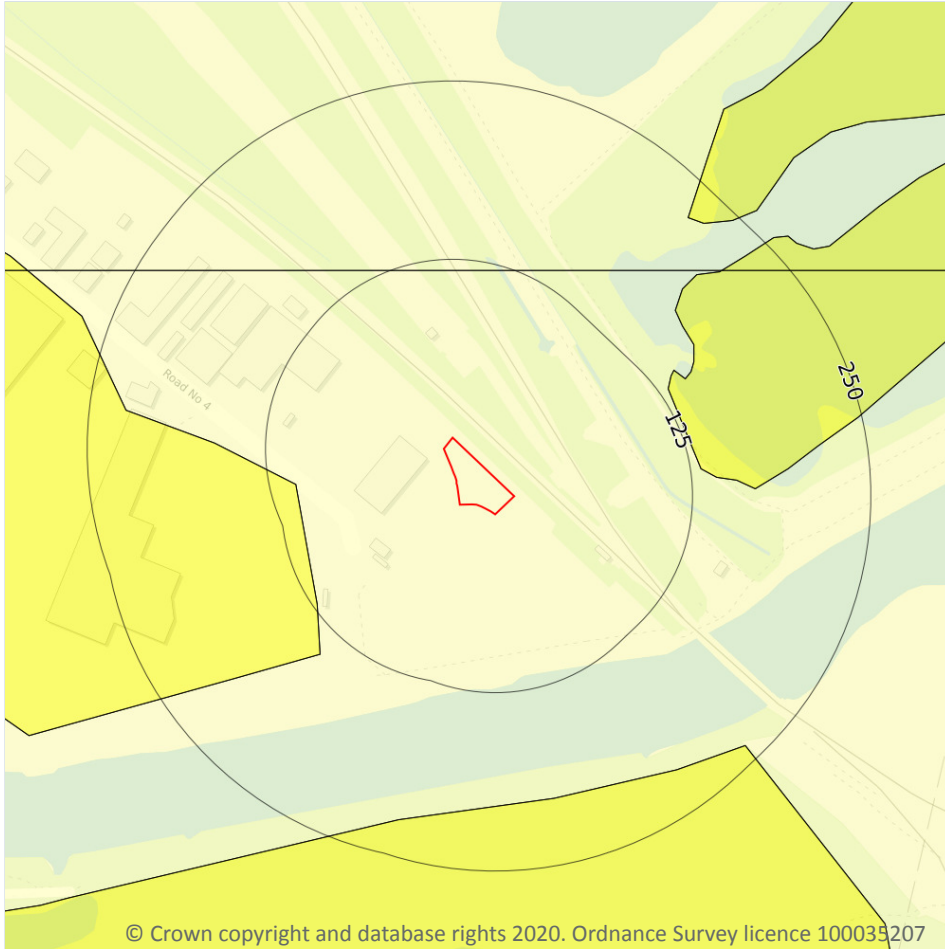
Location	Hazard rating	Details
On site	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

Location	Hazard rating	Details
19m NE	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

© Crown copyright and database rights 2020. Ordnance Survey licence 100039207

17.4 Collapsible deposits

Records within 50m

1

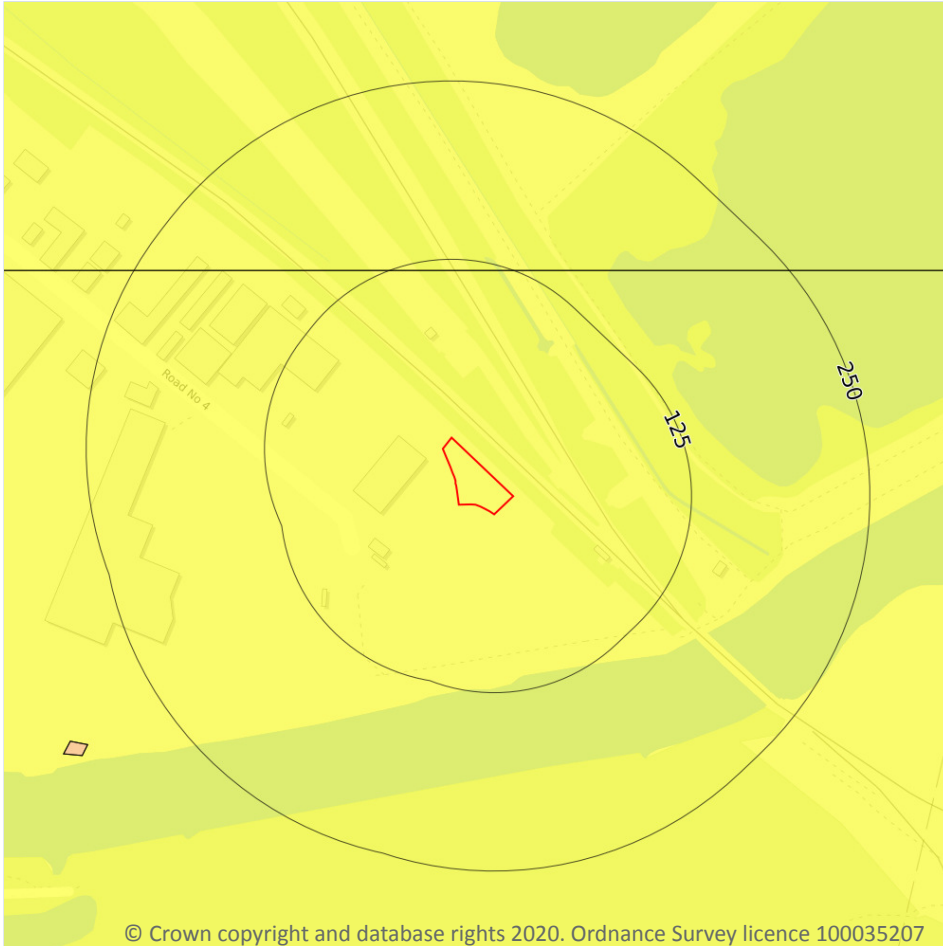
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 109**

Location	Hazard rating	Details
On site	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



© Crown copyright and database rights 2020. Ordnance Survey licence 100035207

17.5 Landslides

Records within 50m

1

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

Features are displayed on the Natural ground subsidence - Landslides map on **page 110**

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

This data is sourced from the British Geological Survey.



Natural ground subsidence - Ground dissolution of soluble rocks



© Crown copyright and database rights 2020. Ordnance Survey licence 100035207

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.

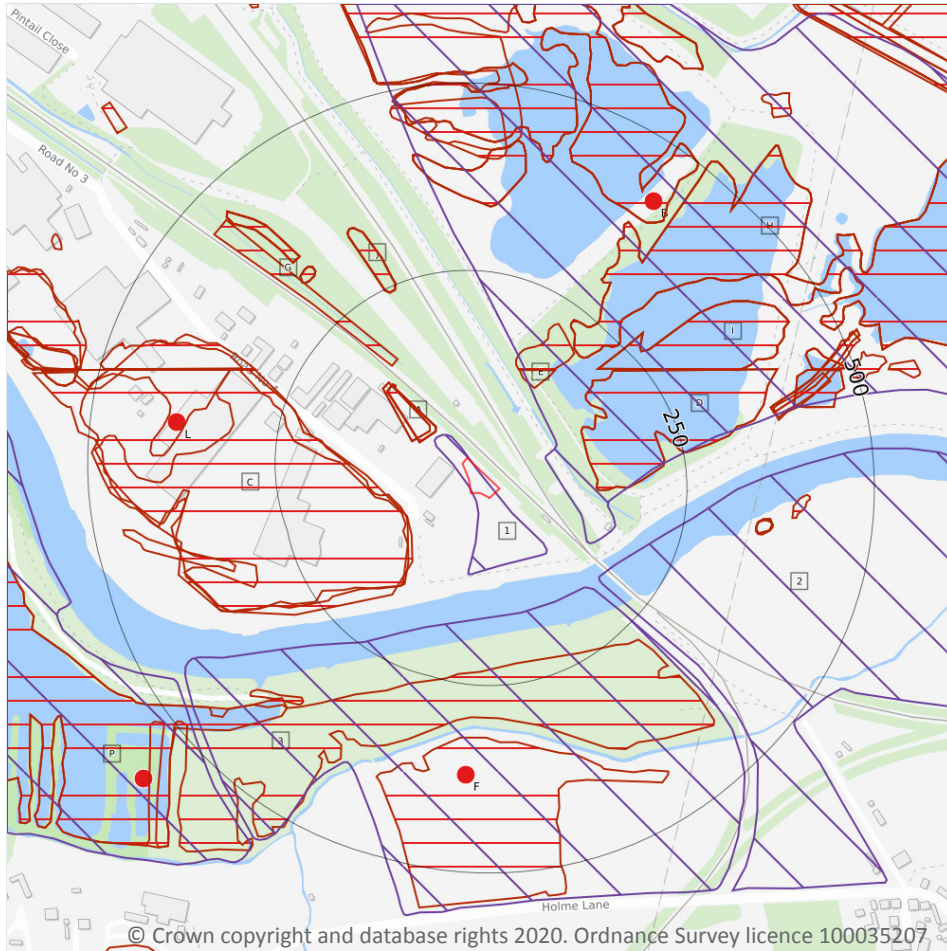
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 111**

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



- Site Outline
- Search buffers in metres (m)
- Natural cavities (Area)
- Natural cavities (Point)
- BritPits
- Surface ground workings
- Underground workings
- Historical Mineral Planning Areas
- Mining Cavities
- Non Coal Mining
- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m

0

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

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

18.2 BritPits

Records within 500m

3

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 113**

ID	Location	Details	Description
F	370m S	Name: Holme Lock Address: Holme Peirrepoint, West Bridgford, NOTTINGHAM, Nottinghamshire Commodity: Sand & Gravel Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
L	384m W	Name: Colwick Address: Colwick, NOTTINGHAM, Nottinghamshire Commodity: Sand & Gravel Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority
B	422m NE	Name: Colwick Address: Colwick, NOTTINGHAM, Nottinghamshire Commodity: Sand & Gravel Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m

25

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 113**

ID	Location	Land Use	Year of mapping	Mapping scale
A	55m NW	Pond	1967	1:10560
A	55m NW	Pond	1975	1:10000
A	55m NW	Pond	1952	1:10560



ID	Location	Land Use	Year of mapping	Mapping scale
A	55m NW	Pond	1989	1:10000
A	61m NW	Pond	1938	1:10560
A	61m NW	Pond	1899	1:10560
C	91m W	Gravel Pit	1952	1:10560
C	92m W	Water Body	1967	1:10560
C	96m W	Water Body	1975	1:10000
D	125m E	Water Body	1975	1:10000
D	125m E	Water Body	1989	1:10000
E	129m NE	Pond	1967	1:10560
E	136m NE	Pond	1967	1:10560
G	158m NW	Cuttings	1938	1:10560
H	202m NE	Water Body	1981	1:10000
H	202m NE	Pond	1988	1:10000
H	202m NE	Water Body	1973	1:10000
I	207m NE	Water Body	1981	1:10000
I	207m NE	Pond	1988	1:10000
I	207m NE	Water Body	1973	1:10000
3	223m S	Water Bodies	1975	1:10000
J	243m NW	Unspecified Heap	1981	1:10000
J	243m NW	Unspecified Heap	1988	1:10000
J	243m NW	Unspecified Heap	1967	1:10560
J	243m NW	Unspecified Heap	1973	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m

0

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

This is data is sourced from Ordnance Survey/Groundsure.



18.5 Historical Mineral Planning Areas

Records within 500m

5

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 113**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
1	On site	Colwick	Sand and gravel	Surface mineral working	Valid	25/11/47
B	73m NE	Colwick	Sand and gravel	Surface mineral working	Valid	6/53
F	157m S	Nottingham Quarry	Sand and gravel	Surface mineral working	Valid	1/4/68
2	178m SE	Nottingham Quarry	Sand and gravel	Surface mineral working	Application	Not available
P	466m SW	Nottingham Quarry	Sand and gravel	Surface mineral working	Valid	12/5/58

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m

0

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).

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m

0

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

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



18.8 JPB mining areas

Records on site

0

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site

1

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

Location	Details
On site	The site is located within a coal mining area as defined by the Coal Authority. A Consultants Coal Mining Report is recommended to further assess coal mining issues at the site. This can be ordered directly through Groundsure or your preferred search provider.

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site

0

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

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

18.11 Gypsum areas

Records on site

0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.



18.12 Tin mining

Records on site

0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

18.13 Clay mining

Records on site

0

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

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



19 Radon



— Site Outline
Search buffers in metres (m)

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

19.1 Radon

Records on site

1

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

Features are displayed on the Radon map on **page 119**

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

3

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	90 - 120 mg/kg	30 - 45 mg/kg
5m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 mg/kg
44m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	90 - 120 mg/kg	30 - 45 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

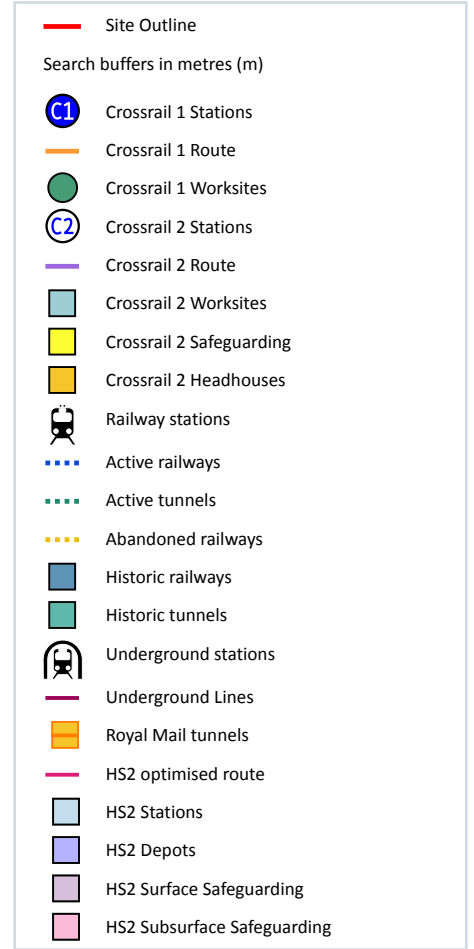
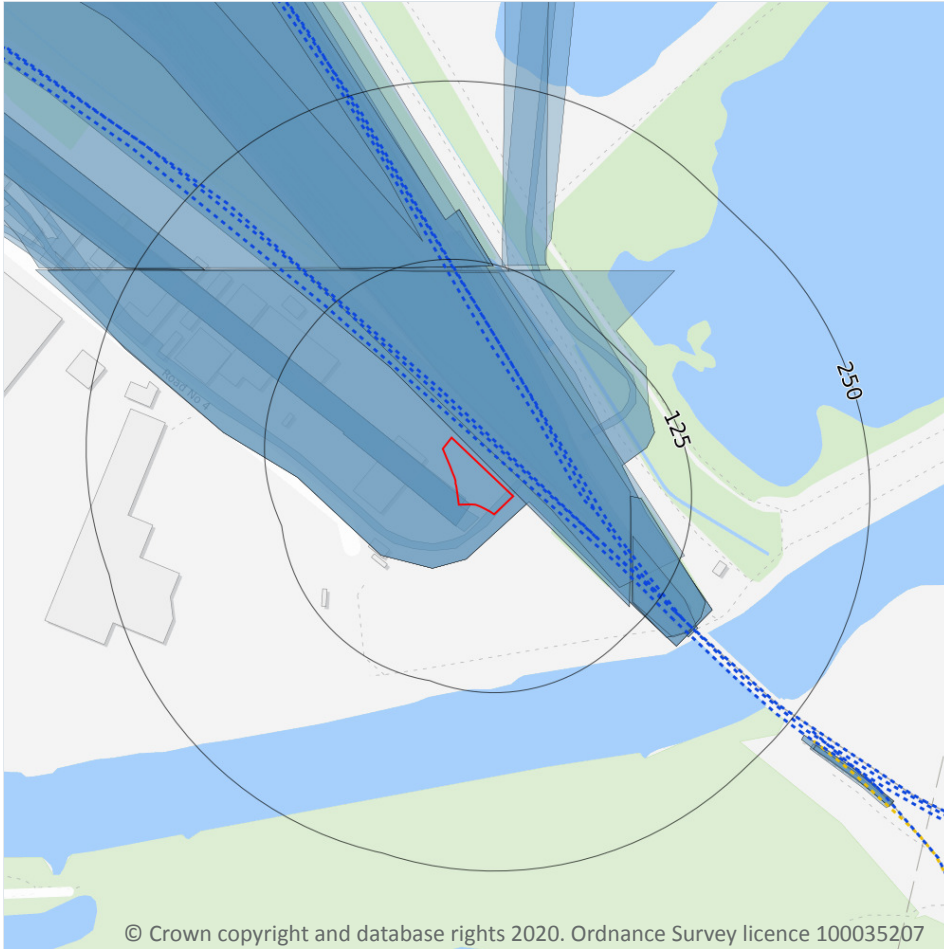
0

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



© Crown copyright and database rights 2020. Ordnance Survey licence 100035207

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

41

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 121**

Location	Land Use	Year of mapping	Mapping scale
On site	Railway Sidings	1973	2500
On site	Railway Sidings	1968	2500
On site	Railway Sidings	1978	2500
On site	Railway Sidings	1957	2500
On site	Railway Sidings	1967	10560
On site	Railway Sidings	1975	10000
On site	Railway Sidings	1952	10560
3m NE	Railway Sidings	1938	10560
3m NE	Railway Sidings	1899	10560
12m NE	Railway Sidings	1989	10000
16m NE	Railway Sidings	1957	2500
23m NE	Railway Sidings	1901	2500
24m NE	Railway Sidings	1973	2500
24m NE	Railway Sidings	1968	2500
24m NE	Railway Sidings	1978	2500
29m NE	Railway Sidings	1914	2500
63m NE	Railway Sidings	1957	2500



Location	Land Use	Year of mapping	Mapping scale
82m E	Railway Sidings	1913	10560
82m E	Railway Sidings	1899	10560
87m E	Railway Sidings	1900	2500
87m E	Railway Sidings	1914	2500
88m E	Railway Sidings	1950	10560
117m N	Railway Sidings	1967	10560
118m N	Railway Sidings	1996	2500
118m N	Railway Sidings	1999	2500
118m N	Railway Sidings	1983	2500
118m N	Railway Sidings	1990	2500
118m N	Railway Sidings	1965	2500
118m N	Railway Sidings	1957	2500
119m N	Railway Sidings	1965	2500
119m N	Railway Sidings	1957	2500
120m N	Railway Sidings	1981	10000
120m N	Railway Sidings	1988	10000
120m N	Railway Sidings	1973	10000
120m N	Railway Sidings	1950	10560
123m N	Railway Sidings	1967	10560
126m N	Railway Sidings	1950	10560
127m N	Railway Sidings	1996	2500
127m N	Railway Sidings	1999	2500
131m NE	Railway Sidings	1957	2500
226m NW	Railway Sidings	1983	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

18

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 121**

Location	Name	Type
11m NE	Nottingham to Grantham Line	rail
17m NE	-	rail
19m NE	Not given	Multi Track
33m N	Not given	Multi Track
41m NE	-	rail
45m NE	-	rail
48m NE	Not given	Single Track
62m SE	Nottingham to Grantham Line	rail
64m SE	-	rail
73m E	Not given	Single Track
87m SE	Not given	Single Track



Location	Name	Type
91m SE	Not given	Single Track
109m SE	Not given	Single Track
139m SE	Not given	Multi Track
142m SE	Nottingham to Grantham Line	rail
144m SE	-	rail
153m SE	Not given	Multi Track
236m 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>.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: <https://www.groundsure.com/terms-and-conditions-jan-2020/>.

