Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

MEYNELL HOLDINGS, SHAW LANE, CARLTON, BARNSLEY, S71 3HJ

Order Details

Date: 29/06/2022

Your ref: ASH_Barnsley

Our Ref: GS-8862967

Site Details

Location: 437718 410192

Area: 0.51 ha

Authority: Barnsley Metropolitan Borough Council

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	17	33	49	-
18	1.2	Historical tanks	0	0	4	14	-
19	1.3	Historical energy features	0	0	0	2	-
20	1.4	Historical petrol stations	0	0	0	0	-
20	1.5	Historical garages	0	0	0	0	-
20	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
21	2.1	Historical industrial land uses	2	20	62	73	-
27	2.2	Historical tanks	0	0	5	19	-
28	2.3	Historical energy features	0	0	0	3	-
29	2.4	Historical petrol stations	0	0	0	0	-
29	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
30	3.1	Active or recent landfill	0	0	0	0	-
30	3.2	Historical landfill (BGS records)	0	0	0	0	-
31	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
31	3.4	Historical landfill (EA/NRW records)	0	1	0	0	-
31	3.5	Historical waste sites	6	11	13	23	-
39	3.6	Licensed waste sites	2	5	17	21	-
51	3.7	Waste exemptions	0	0	9	13	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
54	4.1	Recent industrial land uses	1	1	9	-	-
55	4.2	Current or recent petrol stations	0	0	0	0	-
55	4.3	Electricity cables	0	0	0	0	-
56	4.4	Gas pipelines	0	0	0	0	-
56	4.5	Sites determined as Contaminated Land	0	0	0	0	-

56	**4.6**	**Control of Major Accident Hazards (COMAH)**	0	0	1	0	-
56	4.7	Regulated explosive sites	0	0	0	0	-
57	4.8	Hazardous substance storage/usage	0	0	0	0	-
57	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
57	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
57	**4.11**	**Licensed pollutant release (Part A(2)/B)**	0	0	0	1	-
58	4.12	Radioactive Substance Authorisations	0	0	0	0	-
58	**4.13**	**Licensed Discharges to controlled waters**	0	4	0	0	-
59	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
59	4.15	Pollutant release to public sewer	0	0	0	0	-
59	4.16	List 1 Dangerous Substances	0	0	0	0	-
59	4.17	List 2 Dangerous Substances	0	0	0	0	-
59	**4.18**	**Pollution Incidents (EA/NRW)**	3	5	12	19	-
64	4.19	Pollution inventory substances	0	0	0	0	-
64	4.20	Pollution inventory waste transfers	0	0	0	0	-
64	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
65	**5.1**	**Superficial aquifer**	Identified (within 500m)				
67	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
69	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
70	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
70	5.5	Groundwater vulnerability- local information	None (within 0m)				
71	5.6	Groundwater abstractions	0	0	0	0	0
71	5.7	Surface water abstractions	0	0	0	0	0
71	5.8	Potable abstractions	0	0	0	0	0
71	5.9	Source Protection Zones	0	0	0	0	-
72	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
73	**6.1**	**Water Network (OS MasterMap)**	0	4	9	-	-

75	6.2	Surface water features	0	0	7	-	-
75	6.3	WFD Surface water body catchments	1	-	-	-	-
75	6.4	WFD Surface water bodies	0	1	0	-	-
76	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
77	7.1	Risk of flooding from rivers and the sea	Medium (within 50m)				
78	7.2	Historical Flood Events	0	0	2	-	-
78	7.3	Flood Defences	0	0	0	-	-
78	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
79	7.5	Flood Storage Areas	0	0	0	-	-
80	7.6	Flood Zone 2	Identified (within 50m)				
81	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
82	8.1	Surface water flooding	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
84	9.1	Groundwater flooding	Negligible (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
85	10.1	Sites of Special Scientific Interest (SSSI)	0	1	1	0	0
86	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
86	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
86	10.4	Special Protection Areas (SPA)	0	0	0	0	0
86	10.5	National Nature Reserves (NNR)	0	0	0	0	0
87	10.6	Local Nature Reserves (LNR)	1	0	0	0	0
87	10.7	Designated Ancient Woodland	0	0	0	0	0
87	10.8	Biosphere Reserves	0	0	0	0	0
87	10.9	Forest Parks	0	0	0	0	0
88	10.10	Marine Conservation Zones	0	0	0	0	0
88	10.11	Green Belt	0	1	0	0	1
88	10.12	Proposed Ramsar sites	0	0	0	0	0

88	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
89	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
89	10.15	Nitrate Sensitive Areas	0	0	0	0	0
89	**10.16**	**Nitrate Vulnerable Zones**	1	0	0	0	0
90	**10.17**	**SSSI Impact Risk Zones**	2	-	-	-	-
91	**10.18**	**SSSI Units**	0	1	1	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
93	11.1	World Heritage Sites	0	0	0	-	-
93	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
93	11.3	National Parks	0	0	0	-	-
93	11.4	Listed Buildings	0	0	0	-	-
94	11.5	Conservation Areas	0	0	0	-	-
94	11.6	Scheduled Ancient Monuments	0	0	0	-	-
94	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
95	**12.1**	**Agricultural Land Classification**	Grade 4 (within 250m)				
96	12.2	Open Access Land	0	0	0	-	-
96	12.3	Tree Felling Licences	0	0	0	-	-
96	12.4	Environmental Stewardship Schemes	0	0	0	-	-
97	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
98	**13.1**	**Priority Habitat Inventory**	1	1	5	-	-
99	13.2	Habitat Networks	0	0	0	-	-
99	**13.3**	**Open Mosaic Habitat**	0	0	1	-	-
99	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
101	**14.1**	**10k Availability**	Identified (within 500m)				
102	**14.2**	**Artificial and made ground (10k)**	0	2	1	1	-
104	**14.3**	**Superficial geology (10k)**	1	0	2	1	-

105	14.4	Landslip (10k)	0	0	0	0	-
106	**14.5**	**Bedrock geology (10k)**	1	0	4	13	-
107	**14.6**	**Bedrock faults and other linear features (10k)**	0	0	1	8	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
109	**15.1**	**50k Availability**	Identified (within 500m)				
110	**15.2**	**Artificial and made ground (50k)**	1	0	0	1	-
111	**15.3**	**Artificial ground permeability (50k)**	1	0	-	-	-
112	**15.4**	**Superficial geology (50k)**	1	0	1	1	-
113	**15.5**	**Superficial permeability (50k)**	Identified (within 50m)				
113	15.6	Landslip (50k)	0	0	0	0	-
113	15.7	Landslip permeability (50k)	None (within 50m)				
114	**15.8**	**Bedrock geology (50k)**	1	0	3	11	-
115	**15.9**	**Bedrock permeability (50k)**	Identified (within 50m)				
116	**15.10**	**Bedrock faults and other linear features (50k)**	0	0	1	7	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
117	16.1	BGS Boreholes	0	0	0	-	-
Page	Section	Natural ground subsidence					
118	**17.1**	**Shrink swell clays**	Very low (within 50m)				
119	**17.2**	**Running sands**	Low (within 50m)				
121	**17.3**	**Compressible deposits**	Moderate (within 50m)				
123	**17.4**	**Collapsible deposits**	Very low (within 50m)				
124	**17.5**	**Landslides**	Very low (within 50m)				
125	**17.6**	**Ground dissolution of soluble rocks**	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
127	18.1	Natural cavities	0	0	0	0	-
128	**18.2**	**BritPits**	0	0	0	4	-
129	**18.3**	**Surface ground workings**	0	7	25	-	-
130	**18.4**	**Underground workings**	0	2	2	4	0
131	18.5	Historical Mineral Planning Areas	0	0	0	0	-

131	**18.6**	**Non-coal mining**	1	0	1	3	2
132	18.7	Mining cavities	0	0	0	0	0
132	18.8	JPB mining areas	None (within 0m)				
132	**18.9**	**Coal mining**	Identified (within 0m)				
133	18.10	Brine areas	None (within 0m)				
133	18.11	Gypsum areas	None (within 0m)				
133	18.12	Tin mining	None (within 0m)				
133	18.13	Clay mining	None (within 0m)				

Page	Section	Radon	
134	**19.1**	**Radon**	Between 1% and 3% (within 0m)

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
135	**20.1**	**BGS Estimated Background Soil Chemistry**	1	1	-	-	-
135	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
135	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
136	21.1	Underground railways (London)	0	0	0	-	-
136	21.2	Underground railways (Non-London)	0	0	0	-	-
137	21.3	Railway tunnels	0	0	0	-	-
137	**21.4**	**Historical railway and tunnel features**	2	15	13	-	-
138	21.5	Royal Mail tunnels	0	0	0	-	-
138	**21.6**	**Historical railways**	0	1	0	-	-
139	**21.7**	**Railways**	0	0	6	-	-
139	21.8	Crossrail 1	0	0	0	0	-
139	21.9	Crossrail 2	0	0	0	0	-
140	**21.10**	**HS2**	0	0	0	4	-

Recent aerial photograph

Capture Date: 19/04/2021

Site Area: 0.51ha

Recent site history - 2018 aerial photograph

Capture Date: 01/07/2018

Site Area: 0.51ha

Recent site history - 2012 aerial photograph

Capture Date: 26/03/2012

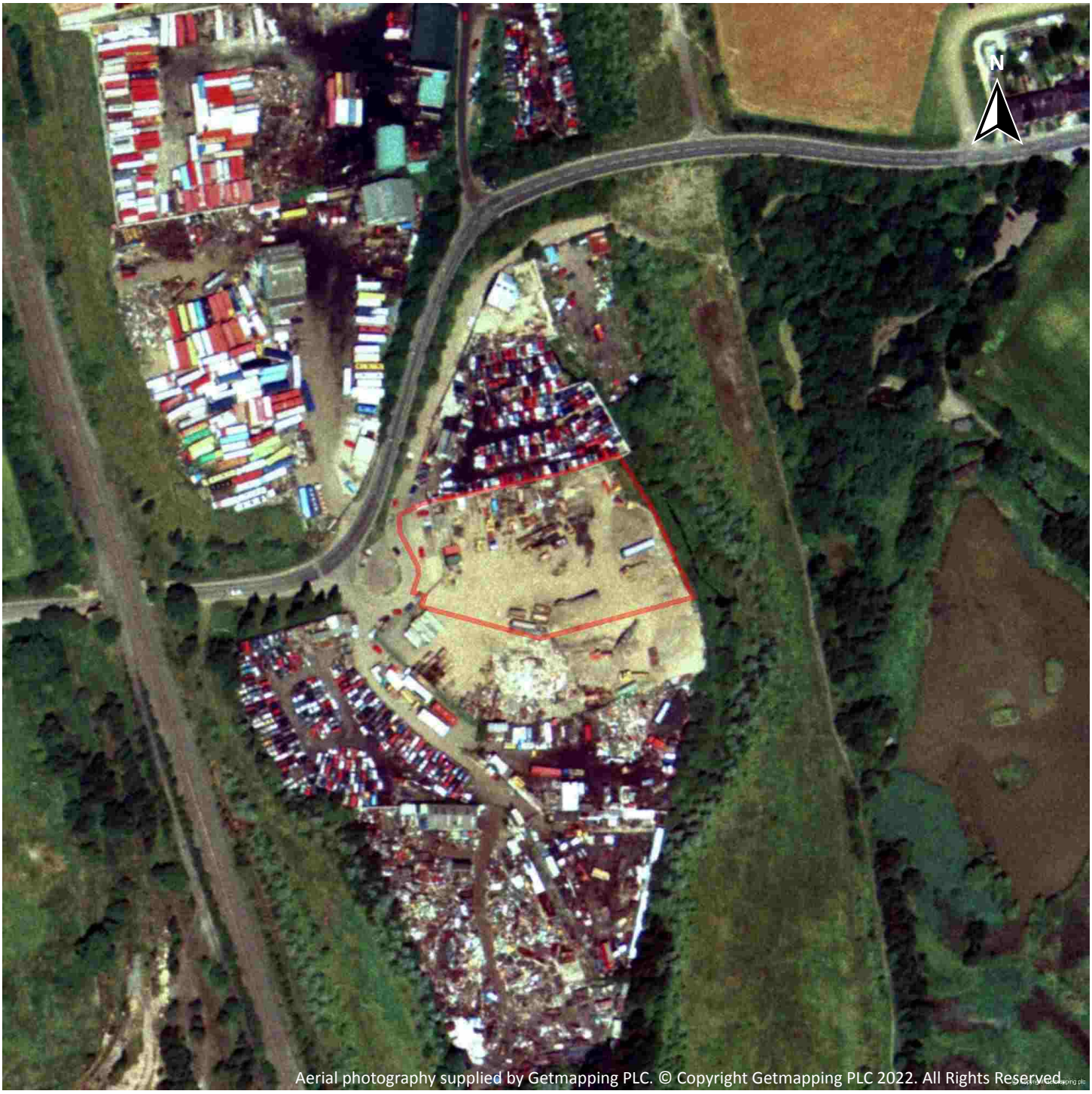
Site Area: 0.51ha

Recent site history - 2009 aerial photograph

Capture Date: 11/09/2009

Site Area: 0.51ha

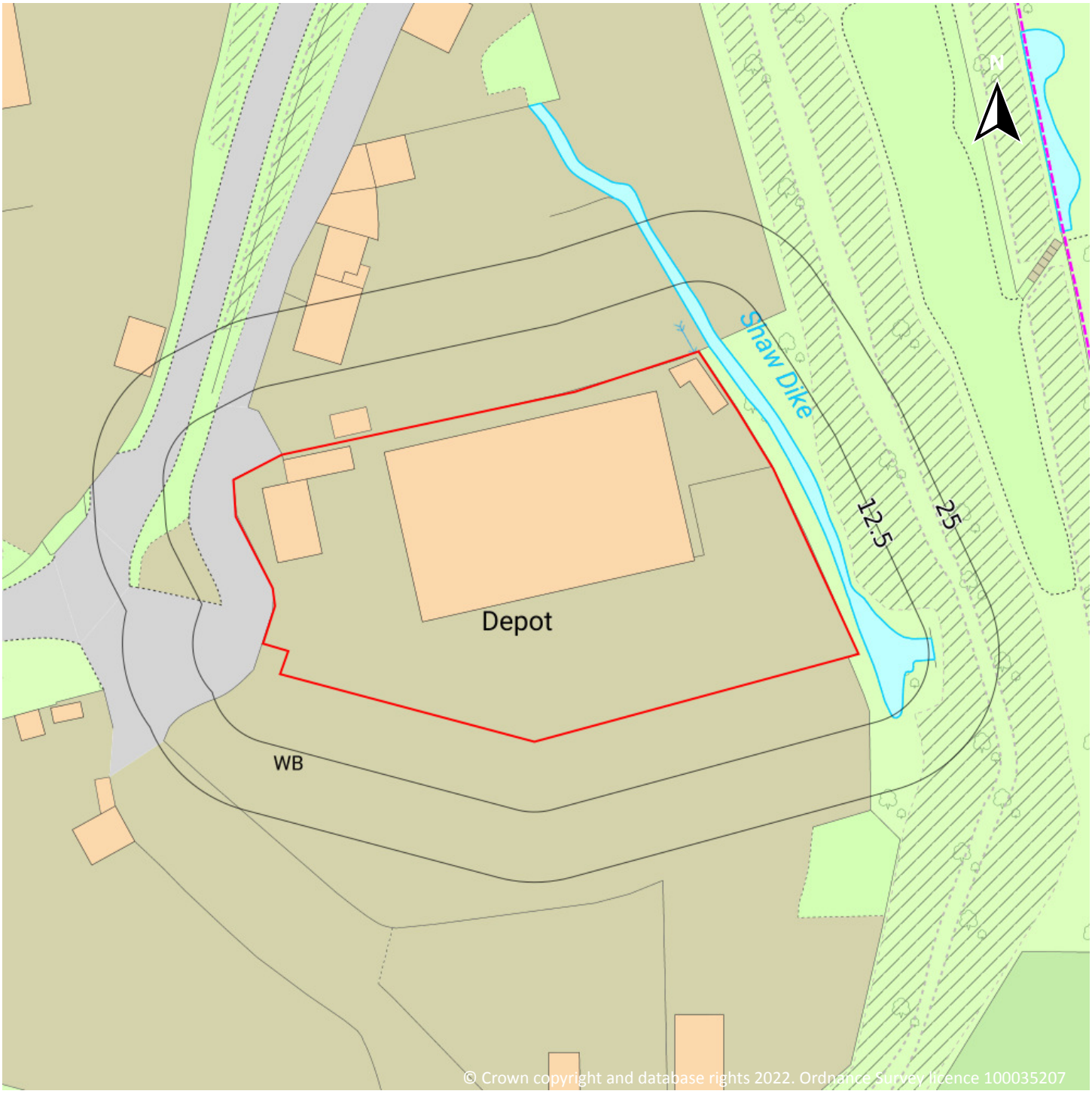
Recent site history - 1999 aerial photograph



Capture Date: 10/07/1999

Site Area: 0.51ha

OS MasterMap site plan



Site Area: 0.51ha

1 Past land use

Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

1.1 Historical industrial land uses

Records within 500m	102

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**	**1904**	**1476915**

ID	Location	Land use	Dates present	Group ID
B	**On site**	**Railway Sidings**	**1930**	**1509074**
B	**On site**	**Railway Sidings**	**1938 - 1951**	**1544149**
B	3m NE	Railway Sidings	1938	1408244
A	5m NE	Railway Sidings	1890 - 1891	1514427
1	6m NE	Railway Building	1948	1430493
B	6m E	Railway Sidings	1930	1506543
C	7m S	Colliery	1930	1458261
C	7m S	Colliery	1938	1458262
C	7m S	Colliery	1948	1458263
C	7m S	Colliery	1930	1458264
C	7m S	Colliery	1938	1458265
D	10m E	Railway Sidings	1966	1458042
D	10m E	Railway Sidings	1966	1458043
D	10m E	Railway Sidings	1966	1458044
E	12m E	Railway Sidings	1978	1462649
B	17m NW	Unspecified Depot	1989	1428779
2	22m SE	Colliery	1891	1520124
C	35m S	Colliery	1930	1536963
3	37m W	Unspecified Ground Workings	1978	1414340
4	52m N	Pumping Station	1904	1431541
E	54m SE	Railway Building	1904	1430488
E	61m SE	Railway Building	1951	1430487
C	65m SW	Colliery	1904	1521737
5	82m SW	Railway Sidings	1974 - 1982	1527684
F	123m N	Railway Buildings	1951 - 1966	1460623
C	125m W	Railway Sidings	1930	1541416
F	125m N	Railway Buildings	1938 - 1948	1502978
G	138m W	Sewage Works	1951	1539704

ID	Location	Land use	Dates present	Group ID
G	140m W	Sewage Works	1938	1553439
G	141m W	Sewage Works	1930	1467349
G	141m SW	Unspecified Works	1966	1554197
H	141m SW	Refuse Heap	1966	1522823
G	143m W	Sewage Works	1948	1524538
G	144m W	Sewage Works	1904	1503737
6	148m W	Railway Sidings	1930	1513586
H	150m SW	Refuse Heap	1938	1494670
G	151m W	Sewage Works	1978 - 1989	1498502
G	158m SW	Unspecified Tanks	1951 - 1966	1505928
G	162m W	Unspecified Tanks	1951 - 1966	1536335
I	171m S	Unspecified Mine	1966	1455612
8	172m SW	Refuse Heap	1989	1555325
G	194m W	Unspecified Tanks	1930	1462256
I	199m S	Colliery	1951	1458105
H	209m SW	Unspecified Disused Tip	1974	1516916
H	209m SW	Unspecified Disused Tip	1982 - 1992	1529626
H	216m SW	Refuse Heap	1951	1535552
G	217m W	Unspecified Tank	1966	1435107
G	220m W	Unspecified Tanks	1938 - 1948	1484098
G	220m W	Unspecified Tanks	1951	1537229
G	221m W	Pump House	1978 - 1989	1459990
G	225m W	Unspecified Tanks	1904	1527545
9	233m SW	Unspecified Works	1966	1526629
J	270m N	Railway Building	1948	1470426
J	270m N	Railway Building	1904	1535776
H	271m SW	Refuse Heap	1948	1553334
J	271m N	Railway Building	1938	1470473

ID	Location	Land use	Dates present	Group ID
H	274m SW	Refuse Heap	1930	1536466
H	281m SW	Clay Pit	1904	1436296
H	305m SW	Unspecified Works	1982	1546935
H	305m SW	Unspecified Works	1992	1553813
K	307m NW	Pumping Station	1904	1555971
H	316m SW	Unspecified Tank	1982 - 1992	1474744
K	321m NW	Railway Building	1930	1532701
L	324m N	Railway Buildings	1951	1505614
K	324m NW	Railway Building	1938 - 1948	1474253
L	325m N	Railway Buildings	1948	1466972
L	326m N	Railway Building	1904	1430494
L	328m N	Railway Buildings	1938	1502204
L	336m N	Railway Buildings	1891 - 1904	1486176
L	340m N	Railway Buildings	1938	1551657
H	340m SW	Refuse Heap	1904	1494975
K	355m NW	Pumping Station	1930	1555586
K	357m NW	Pumping Station	1948	1553537
K	359m NW	Pumping Station	1938	1499670
C	363m S	Refuse Heap	1938	1539899
C	367m S	Refuse Heap	1948	1556832
C	368m S	Refuse Heap	1930	1495919
L	379m N	Railway Buildings	1938	1540134
L	384m N	Railway Building	1938	1430423
C	415m S	Unspecified Disused Shafts	1982 - 1992	1492556
M	421m N	Unspecified Depot	1891 - 1904	1525135
L	423m N	Railway Building	1938	1430424
L	428m N	Railway Building	1938	1430422
C	436m S	Unspecified Disused Shafts	1982 - 1992	1505696

ID	Location	Land use	Dates present	Group ID
I	441m S	Unspecified Depot	1982	1428778
O	444m SW	Unspecified Commercial/Industrial	1992	1505350
O	444m SW	Unspecified Commercial/Industrial	1982	1510370
P	473m S	Railway Sidings	1930	1462779
P	473m S	Railway Sidings	1930	1528759
P	473m S	Railway Sidings	1930	1552573
P	473m S	Railway Sidings	1930	1556562
P	473m S	Railway Sidings	1938	1463244
M	474m N	Engine Shed	1930	1461662
M	474m N	Engine Shed	1951	1528852
M	476m N	Engine Shed	1938	1538981
M	476m N	Engine Shed	1948	1509203
10	483m W	Disused Canal	1978 - 1989	1459184
11	483m W	Disused Canal	1966	1469588
Q	486m S	Refuse Heaps	1948	1419472
Q	486m S	Refuse Heap	1938	1473731
P	489m S	Refuse Heap	1951	1540997

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**18**

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

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

ID	Location	Land use	Dates present	Group ID
7	154m N	Tanks	1999	232669

ID	Location	Land use	Dates present	Group ID
G	160m SW	Tanks	1961	232666
G	218m W	Tanks	1961	233766
G	223m W	Tanks	1906 - 1913	239491
H	309m SW	Tanks	1993 - 1999	238415
H	311m SW	Unspecified Tank	1988	228859
H	314m SW	Tanks	1988	235751
H	315m SW	Tanks	1993 - 1999	246814
H	317m SW	Tanks	1993 - 1999	235925
H	318m SW	Unspecified Tank	1988	228861
H	318m SW	Unspecified Tank	1988	228860
K	348m NW	Unspecified Tank	1961	228825
L	395m N	Unspecified Tank	1913	228824
C	416m S	Unspecified Tank	1893 - 1906	236388
C	420m S	Unspecified Tank	1893 - 1906	240756
N	424m SW	Unspecified Tank	1893	228823
N	430m SW	Unspecified Tank	1988	228821
I	490m SW	Unspecified Tank	1988	228820

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	**2**

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
H	316m SW	Electricity Substation	1993 - 1999	145986

ID	Location	Land use	Dates present	Group ID
H	342m SW	Electricity Substation	1988	136459

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	0

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'.

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m	0

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

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

2 Past land use - un-grouped

Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

2.1 Historical industrial land uses

Records within 500m	157

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

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Railway Sidings**	**1948**	**1544149**
B	**On site**	**Railway Sidings**	**1904**	**1476915**
A	3m NE	Railway Sidings	1938	1408244

ID	Location	Land Use	Date	Group ID
B	5m NE	Railway Sidings	1891	1514427
1	6m NE	Railway Building	1948	1430493
A	6m E	Railway Sidings	1930	1506543
A	6m E	Railway Sidings	1930	1506543
A	6m E	Railway Sidings	1930	1506543
A	6m E	Railway Sidings	1930	1506543
C	7m S	Colliery	1948	1458263
D	10m E	Railway Sidings	1966	1458044
E	12m E	Railway Sidings	1978	1462649
F	13m E	Railway Sidings	1951	1544149
A	17m NW	Unspecified Depot	1989	1428779
C	22m SE	Colliery	1891	1520124
C	35m S	Colliery	1930	1536963
C	35m S	Colliery	1930	1458261
C	35m S	Colliery	1930	1536963
C	35m S	Colliery	1930	1458264
G	37m W	Unspecified Ground Workings	1978	1414340
G	37m W	Railway Sidings	1966	1458043
G	37m W	Railway Sidings	1951	1544149
2	52m N	Pumping Station	1904	1431541
E	54m SE	Railway Building	1904	1430488
E	61m SE	Railway Building	1951	1430487
C	65m SW	Colliery	1904	1521737
3	82m SW	Railway Sidings	1978	1527684
C	103m S	Colliery	1938	1458265
C	103m S	Colliery	1938	1458262
D	123m N	Railway Buildings	1966	1460623
D	123m N	Railway Buildings	1951	1460623

ID	Location	Land Use	Date	Group ID
C	125m W	Railway Sidings	1930	1541416
C	125m W	Railway Sidings	1930	1509074
C	125m W	Railway Sidings	1930	1541416
C	125m W	Railway Sidings	1930	1509074
D	125m N	Railway Buildings	1948	1502978
D	127m N	Railway Buildings	1938	1502978
H	138m W	Sewage Works	1951	1539704
H	140m W	Sewage Works	1938	1553439
H	140m W	Sewage Works	1938	1553439
H	141m W	Sewage Works	1930	1467349
H	141m W	Sewage Works	1930	1467349
H	141m W	Sewage Works	1930	1467349
H	141m W	Sewage Works	1930	1467349
H	141m SW	Unspecified Works	1966	1554197
I	141m SW	Refuse Heap	1966	1522823
H	143m W	Sewage Works	1948	1524538
H	144m W	Sewage Works	1904	1503737
J	148m W	Railway Sidings	1930	1509074
J	148m W	Railway Sidings	1930	1513586
J	148m W	Railway Sidings	1930	1509074
J	148m W	Railway Sidings	1930	1513586
K	150m SW	Refuse Heap	1938	1494670
K	150m SW	Refuse Heap	1938	1494670
H	151m W	Sewage Works	1989	1498502
H	151m W	Sewage Works	1978	1498502
H	158m SW	Unspecified Tanks	1966	1505928
H	162m W	Unspecified Tanks	1966	1536335
H	166m SW	Unspecified Tanks	1951	1505928

ID	Location	Land Use	Date	Group ID
H	167m W	Unspecified Tanks	1951	1536335
L	168m S	Railway Sidings	1982	1527684
L	168m S	Railway Sidings	1974	1527684
C	170m S	Railway Sidings	1966	1458042
M	171m S	Unspecified Mine	1966	1455612
C	171m S	Railway Sidings	1951	1544149
I	172m SW	Refuse Heap	1989	1555325
H	194m W	Unspecified Tanks	1930	1462256
H	194m W	Unspecified Tanks	1930	1462256
H	194m W	Unspecified Tanks	1930	1462256
H	194m W	Unspecified Tanks	1930	1462256
M	199m S	Colliery	1951	1458105
K	209m SW	Unspecified Disused Tip	1992	1529626
K	209m SW	Unspecified Disused Tip	1982	1529626
K	209m SW	Unspecified Disused Tip	1974	1516916
K	209m SW	Refuse Heap	1966	1522823
K	216m SW	Refuse Heap	1951	1535552
H	217m W	Unspecified Tank	1966	1435107
H	220m W	Unspecified Tanks	1938	1484098
H	220m W	Unspecified Tanks	1951	1537229
H	221m W	Pump House	1989	1459990
H	221m W	Pump House	1978	1459990
H	225m W	Unspecified Tanks	1948	1484098
H	225m W	Unspecified Tanks	1904	1527545
5	233m SW	Unspecified Works	1966	1526629
F	270m N	Railway Building	1948	1470426
F	270m N	Railway Building	1904	1535776
K	271m SW	Refuse Heap	1948	1553334

ID	Location	Land Use	Date	Group ID
F	271m N	Railway Building	1938	1470473
K	274m SW	Refuse Heap	1930	1536466
K	274m SW	Refuse Heap	1930	1536466
K	274m SW	Refuse Heap	1930	1536466
K	274m SW	Refuse Heap	1930	1536466
K	281m SW	Clay Pit	1904	1436296
K	305m SW	Unspecified Works	1992	1553813
K	305m SW	Unspecified Works	1982	1546935
N	307m NW	Pumping Station	1904	1555971
K	316m SW	Unspecified Tank	1992	1474744
K	316m SW	Unspecified Tank	1982	1474744
N	321m NW	Railway Building	1930	1532701
N	321m NW	Railway Building	1930	1532701
N	321m NW	Railway Building	1930	1532701
N	321m NW	Railway Building	1930	1532701
O	324m N	Railway Buildings	1951	1505614
N	324m NW	Railway Building	1948	1474253
O	325m N	Railway Buildings	1948	1466972
N	325m NW	Railway Building	1938	1474253
O	326m N	Railway Building	1904	1430494
O	328m N	Railway Buildings	1938	1502204
O	336m N	Railway Buildings	1891	1486176
O	340m N	Railway Buildings	1938	1551657
K	340m SW	Refuse Heap	1904	1494975
N	355m NW	Pumping Station	1930	1555586
N	355m NW	Pumping Station	1930	1555586
N	355m NW	Pumping Station	1930	1555586
N	355m NW	Pumping Station	1930	1555586

ID	Location	Land Use	Date	Group ID
N	357m NW	Pumping Station	1948	1553537
O	358m N	Railway Buildings	1904	1486176
N	359m NW	Pumping Station	1938	1499670
C	363m S	Refuse Heap	1938	1539899
C	363m S	Refuse Heap	1938	1539899
C	367m S	Refuse Heap	1948	1556832
C	368m S	Refuse Heap	1930	1495919
C	368m S	Refuse Heap	1930	1495919
C	368m S	Refuse Heap	1930	1495919
C	368m S	Refuse Heap	1930	1495919
O	379m N	Railway Buildings	1938	1540134
O	384m N	Railway Building	1938	1430423
C	415m S	Unspecified Disused Shafts	1992	1492556
C	415m S	Unspecified Disused Shafts	1982	1492556
P	421m N	Unspecified Depot	1904	1525135
P	421m N	Unspecified Depot	1891	1525135
O	423m N	Railway Building	1938	1430424
O	428m N	Railway Building	1938	1430422
C	436m S	Unspecified Disused Shafts	1992	1505696
C	436m S	Unspecified Disused Shafts	1982	1505696
M	441m S	Unspecified Depot	1982	1428778
R	444m SW	Unspecified Commercial/Industrial	1992	1505350
R	444m SW	Unspecified Commercial/Industrial	1982	1510370
S	473m S	Railway Sidings	1930	1462779
S	473m S	Railway Sidings	1930	1556562
S	473m S	Railway Sidings	1930	1552573
S	473m S	Railway Sidings	1930	1528759
S	473m S	Railway Sidings	1938	1463244

ID	Location	Land Use	Date	Group ID
P	474m N	Engine Shed	1930	1461662
P	474m N	Engine Shed	1930	1461662
P	474m N	Engine Shed	1930	1461662
P	474m N	Engine Shed	1930	1461662
P	474m N	Engine Shed	1951	1528852
P	476m N	Engine Shed	1938	1538981
P	476m N	Engine Shed	1948	1509203
6	483m W	Disused Canal	1966	1469588
T	483m W	Disused Canal	1989	1459184
T	483m W	Disused Canal	1978	1459184
U	486m S	Refuse Heaps	1948	1419472
U	486m S	Refuse Heap	1938	1473731
U	486m S	Refuse Heap	1938	1473731
S	489m S	Refuse Heap	1951	1540997

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m **24**

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

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
4	154m N	Tanks	1999	232669
H	160m SW	Tanks	1961	232666
H	218m W	Tanks	1961	233766
H	223m W	Tanks	1906	239491
H	223m W	Tanks	1913	239491
K	309m SW	Tanks	1999	238415

ID	Location	Land Use	Date	Group ID
K	309m SW	Tanks	1993	238415
K	311m SW	Unspecified Tank	1988	228859
K	314m SW	Tanks	1988	235751
K	315m SW	Tanks	1999	246814
K	315m SW	Tanks	1993	246814
K	317m SW	Tanks	1999	235925
K	317m SW	Tanks	1993	235925
K	318m SW	Unspecified Tank	1988	228861
K	318m SW	Unspecified Tank	1988	228860
N	348m NW	Unspecified Tank	1961	228825
O	395m N	Unspecified Tank	1913	228824
C	416m S	Unspecified Tank	1893	236388
C	416m S	Unspecified Tank	1906	236388
C	420m S	Unspecified Tank	1893	240756
C	420m S	Unspecified Tank	1906	240756
Q	424m SW	Unspecified Tank	1893	228823
Q	430m SW	Unspecified Tank	1988	228821
M	490m SW	Unspecified Tank	1988	228820

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**3**

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

Features are displayed on the Past land use - un-grouped map on **page 21**

ID	Location	Land Use	Date	Group ID
K	316m SW	Electricity Substation	1999	145986
K	316m SW	Electricity Substation	1993	145986

ID	Location	Land Use	Date	Group ID
K	342m SW	Electricity Substation	1988	136459

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

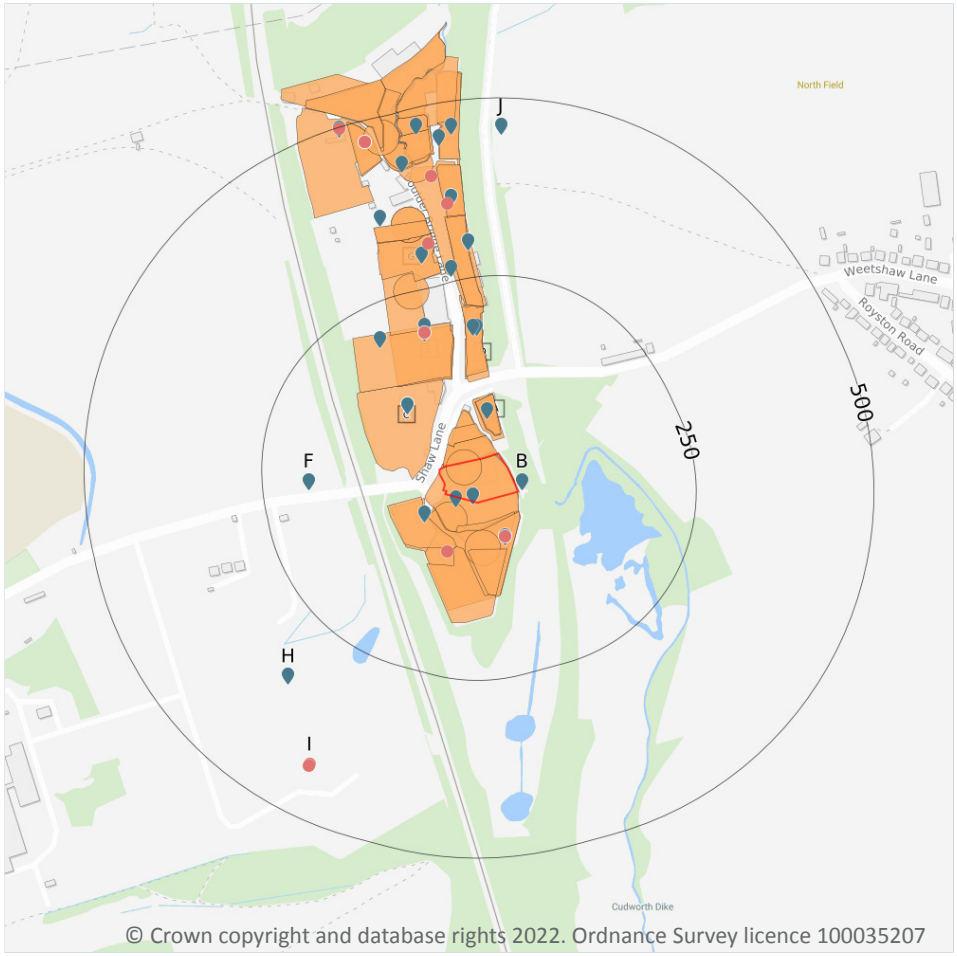
2.5 Historical garages

Records within 500m	0

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

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



Site Outline

Search buffers in metres (m)

Historical landfill (EA/NRW)

Historical waste sites

Licensed waste sites

Waste exemptions

3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

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

Features are displayed on the Waste and landfill map on **page 30**

ID	Location	Details		
A	25m N	Site Address: Disused Railway Sidings, Shaw Lane, Carlton, Barnsley Licence Holder Address: 93 Weetshaw Lane, Shafton, Barnsley	Waste Licence: Yes Site Reference: 20B499(100), 4400/B499, WD20 B499 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 06/11/1985 Licence Surrender: 03/02/1992	Operator: A Barraclough Licence Holder: Mr A Barraclough First Recorded 30/11/1985 Last Recorded: 03/02/1992

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

3.5 Historical waste sites

Records within 500m	53

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 30**

ID	Location	Address	Further Details	Date
A	**On site**	**Site Address: N/A**	**Type of Site: Scrap Yard** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1991**

ID	Location	Address	Further Details	Date
A	**On site**	**Site Address: N/A**	**Type of Site: Scrap Yard** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1991**
A	**On site**	**Site Address: N/A**	**Type of Site: Scrap Yard** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1979**
A	**On site**	**Site Address: N/A**	**Type of Site: Scrap Yard** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1979**
A	**On site**	**Site Address: N/A**	**Type of Site: Scrap Yard** **Planning application reference: N/A** **Description: N/A** **Data source: Historic Mapping** **Data Type: Polygon**	**1999**
A	**On site**	**Site Address: Shaw Lane, Carlton Scrap Yard, BARNSLEY, South Yorkshire, S71 3HG**	**Type of Site: Waste Transfer Station** **Planning application reference: B93/1255/BA** **Description: Scheme comprises conversion of former scrap yard and buildings to form a waste tranfer station and storage of building materials. An application (ref: B93/1255/BA) for Detailed Planning permission was submitted to Barnsley B.C. on 19th October 1993.** **Data source: Historic Planning Application** **Data Type: Point**	**-**
A	8m S	Site Address: D Thackray And Sons,Shaw Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ	Type of Site: Waste Recycling Building Planning application reference: 2011/1111 Description: Scheme comprises change of use of building and land to electrical waste recycling. An application (ref: 2011/1111) for detailed planning permission was submitted to Barnsley B.C. A detailed planning application has been submitted. Data source: Historic Planning Application Data Type: Point	28/04/2012
A	19m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999

ID	Location	Address	Further Details	Date
C	21m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
A	24m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
A	24m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
A	24m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
A	25m S	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
A	26m SW	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
A	26m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
A	32m W	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999

ID	Location	Address	Further Details	Date
A	38m S	Site Address: The Recycling Centre, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Type of Site: Recycling Facility (Conversion) Planning application reference: 2017/1331 Description: Scheme comprises conversion of concrete manufacturing plant to scrap metal recycling facility. Data source: Historic Planning Application Data Type: Point	-
A	65m S	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
A	66m S	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
D	107m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
D	113m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
D	116m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
E	117m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
E	118m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979

ID	Location	Address	Further Details	Date
E	121m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
G	193m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	206m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
G	207m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	207m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	225m N	Site Address: Goodwin's Yard, Boulder Bridge Lane, Carlton, BARNSLEY, South Yorkshire, S71 3ZX	Type of Site: Recycling Centre Planning application reference: B/05/0914/BA Description: Scheme comprises construction of materials re-cycling facility and skip here premises. An application (ref: B/05/0914/BA) for Detailed Planning permission was submitted to Barnsley B.C. on 16th May 2005. Data source: Historic Planning Application Data Type: Point	-
G	263m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979

ID	Location	Address	Further Details	Date
G	318m N	Site Address: D.T.S., Shaw Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ	Type of Site: Waste Recycling Unit Planning application reference: B/05/0221/BA Description: Scheme comprises of a waste recycling portal framed building, with concrete walls and floor. Construction - pitched roof; concrete walls; steel cladding roof; rooflight windows; roller shutter doors; pad foundations; portal, steel frame; concrete pavin site works. An application (ref: B/05/0221/BA) for Detailed Planning permission was granted by Barnsley B.C. This scheme is now complete. Data source: Historic Planning Application Data Type: Point	21/07/2005
G	318m N	Site Address: Boulder Bridge Lane, Shafton, BARNSLEY, South Yorkshire, S72 8NY	Type of Site: Waste Transfer Station (Conversion) Planning application reference: B/05/1368/HR Description: Scheme comprises of conversion to waste transfer station and concrete product manufacture. An application (ref: B/05/1368/HR) for Detailed Planning permission was submitted to Barnsley B.C. Programme details remain to be finalised. Detailed plans submi tted. Data source: Historic Planning Application Data Type: Point	-
G	322m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	323m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	338m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	339m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979

ID	Location	Address	Further Details	Date
G	386m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
G	397m N	Site Address: Old Pattersons Yard, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71	Type of Site: Metals Recycling Facility/Portable Cabin Planning application reference: 2012/1350 Description: Scheme comprises change the use from transport yard to metals recycling facility and the resiting of a metal framed building and siting of a portable cabin. Data source: Historic Planning Application Data Type: Point	06/09/2013
G	409m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	416m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	419m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	420m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	421m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	423m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979

ID	Location	Address	Further Details	Date
G	423m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	424m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999
G	425m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	446m N	Site Address: D.T.S., Shaw Lane, Carlton, BARNSLEY, South Yorkshire, S71 3HJ	Type of Site: Waste Recycling Unit Planning application reference: B/05/0221/BA Description: Scheme comprises of a waste recycling portal framed building, with concrete walls and floor. Construction - pitched roof; concrete walls; steel cladding roof; rooflight windows; roller shutter doors; pad foundations; portal, steel frame; concrete pavin site works. An application (ref: B/05/0221/BA) for Detailed Planning permission was granted by Barnsley B.C. This scheme is now complete. Data source: Historic Planning Application Data Type: Point	21/07/2005
G	452m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1991
G	456m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1979
G	465m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999

ID	Location	Address	Further Details	Date
G	469m N	Site Address: N/A	Type of Site: Scrap Yard Planning application reference: N/A Description: N/A Data source: Historic Mapping Data Type: Polygon	1999

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

3.6 Licensed waste sites

Records within 500m	**45**

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

Features are displayed on the Waste and landfill map on **page 30**

ID	Location	Details		
A	**On site**	**Site Name: D Thackray & Sons Site Address: Shotties Island, Shaw Lane, Carlton, Barnsley, South Yorks Correspondence Address: 28, Westgate, Monk Bretton, Barnsley, South Yorks, S71 2DJ**	**Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: THA002 EPR reference: - Operator: Paul Thackray & David Thackray Waste Management licence No: 65230 Annual Tonnage: 74999**	**Issue Date: 16/12/2003 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued**
A	**On site**	**Site Name: D T S Environmental Limited Site Address: Land At Shotties Island, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -**	**Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: DTS006 EPR reference: EA/EPR/LP3392ZC/V002 Operator: D T S Environmental Ltd Waste Management licence No: 65230 Annual Tonnage: 74999**	**Issue Date: 16/12/2003 Effective Date: 04/12/2007 Modified: 31/12/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired**

ID	Location	Details		
A	2m S	Site Name: Caulfield Concrete Yard Former D T S Recycling Centre Site Address: Shaw Lane Est Boulder Bridge, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Treatment of waste to produce soil 75,000 tpy Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SHA006 EPR reference: EA/EPR/HB3206HG/A001 Operator: Shaw Lane Aggregates And Recycling Limited Waste Management licence No: 406225 Annual Tonnage: 74999	Issue Date: 19/07/2019 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	10m NE	Site Name: D Thackray Site Address: Shotties Island, Land Off Shaw Lane, Carlton, Barnsley, S Yorks, S71 3HJ Correspondence Address: 28, Westgate, Monk Bretton, Barnsley, S Yorks, S71 2DJ	Type of Site: Special Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: THA001 EPR reference: - Operator: Thackray Dennis Waste Management licence No: 60562 Annual Tonnage: 0	Issue Date: 13/03/1985 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
B	10m NE	Site Name: M. Meynell Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MEY001 EPR reference: EA/EPR/RP3690ZD/A001 Operator: Meynell M E Waste Management licence No: 60570 Annual Tonnage: 5000	Issue Date: 15/06/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired
A	41m SW	Site Name: Carlton Car Breakers Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HEN001 EPR reference: EA/EPR/RP3890ZP/V002 Operator: Hennighan & Parkin Waste Management licence No: 60566 Annual Tonnage: 1450	Issue Date: 24/04/1992 Effective Date: - Modified: 24/10/2007 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
A	41m SW	Site Name: W Conway & Sons Site Address: Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 2QE Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WCO001 EPR reference: EA/EPR/RP3790ZJ/S002 Operator: W Conway & Sons Waste Management licence No: 60572 Annual Tonnage: 5000	Issue Date: 14/09/1992 Effective Date: - Modified: 03/06/2016 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
A	56m S	Site Name: D T S Yard Site Address: D T S Yard, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: 75kte WEEE Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SRW005 EPR reference: EA/EPR/BB3834AU/A001 Operator: S R Waste Recycling Ltd Waste Management licence No: 103311 Annual Tonnage: 74999	Issue Date: 09/12/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
A	56m S	Site Name: D T S Yard Site Address: D T S Yard, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: 75kte WEEE Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SRW005 EPR reference: EA/EPR/BB3834AU/A001 Operator: S R Waste Recycling Ltd Waste Management licence No: 103311 Annual Tonnage: 74999	Issue Date: 09/12/2011 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
A	62m N	Site Name: South Yorkshire Dismantlers Site Address: Unit 18, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: 32, Lund Lane, Burton Grange, Barnsley, South Yorkshire, S71 5PD	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 000185 EPR reference: - Operator: Armitage Kathleen Waste Management licence No: 65317 Annual Tonnage: 0	Issue Date: 11/10/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
C	100m NW	Site Name: A H Hardwick Site Address: Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: - Operator: Hardwick A H Waste Management licence No: 60584 Annual Tonnage: 5000	Issue Date: 9/15/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	100m NW	Site Name: Milton Gough Site Address: Land/ Premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GOU001 EPR reference: EA/EPR/DP3490ZS/A001 Operator: Gough Milton Waste Management licence No: 60580 Annual Tonnage: 5000	Issue Date: 19/04/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	100m NW	Site Name: Milton Gough Site Address: Land / Premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S70 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GOU002 EPR reference: EA/EPR/DP3290ZJ/A001 Operator: Gough Milton Waste Management licence No: 60581 Annual Tonnage: 5000	Issue Date: 19/04/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
C	100m NW	Site Name: A H Hardwick Site Address: Land / Premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR001 EPR reference: EA/EPR/DP3790ZK/A001 Operator: Hardwick Alan Harry Waste Management licence No: 60584 Annual Tonnage: 5000	Issue Date: 15/09/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
C	100m NW	Site Name: Hardwick A H Site Address: Land / Premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR009 EPR reference: EA/EPR/YP3390ZY/T001 Operator: Hardwick Alan Harry Waste Management licence No: 60585 Annual Tonnage: 5000	Issue Date: 15/03/1993 Effective Date: 30/05/2000 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
C	100m NW	Site Name: Peter Lloyd & Sons Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: LLO001 EPR reference: EA/EPR/DP3390ZP/A001 Operator: Lloyd Peter Waste Management licence No: 60573 Annual Tonnage: 5000	Issue Date: 29/11/1990 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Part Suspended
C	100m NW	Site Name: South Yorkshire Dismantlers Site Address: South Yorkshire Dismantlers, Unit 18, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: MMS001 EPR reference: EA/EPR/KP3292ZT/T002 Operator: Newton Melvin Anthony Waste Management licence No: 65317 Annual Tonnage: 2499	Issue Date: 11/10/2004 Effective Date: 19/07/2007 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
D	179m N	Site Name: James Welbourn Site Address: Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WEL001 EPR reference: EA/EPR/DP3690ZX/A001 Operator: Welbourn James Waste Management licence No: 60582 Annual Tonnage: 4999	Issue Date: 07/06/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked

ID	Location	Details		
D	180m N	Site Name: Welbourn Car Dismantlers Site Address: Welbourn Car Dismantlers, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WEL034 EPR reference: EA/EPR/AP3093LG/A001 Operator: Welbourn Paul Waste Management licence No: 100451 Annual Tonnage: 2499	Issue Date: 30/10/2008 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	184m W	Site Name: Terry Thornton Site Address: Off Shaw Lane, Carlton, Barnsley, S Yorks, S71 3HJ Correspondence Address: Off Shaw Lane, Carlton, Barnsley, S Yorks, S71 3HJ	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TER001 EPR reference: - Operator: Terry Thornton Commercials Waste Management licence No: 60542 Annual Tonnage: 0	Issue Date: 22/11/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
F	184m W	Site Name: Terry Thornton Site Address: Land/premises At, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TER001 EPR reference: EA/EPR/WP3290ZW/A001 Operator: Mr T Thornton Waste Management licence No: 60542 Annual Tonnage: 5000	Issue Date: 22/11/1996 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	189m N	Site Name: P V S Barnsley Ltd Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PVS001 EPR reference: EA/EPR/DP3990ZC/V002 Operator: Passenger Vehicle Spares (Barnsley) Ltd Waste Management licence No: 60576 Annual Tonnage: 5000	Issue Date: 04/04/1989 Effective Date: - Modified: 20/07/2001 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
E	199m N	Site Name: Geoff Ripley Site Address: Boulder Bridge, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: RIP001 EPR reference: EA/EPR/YP3690ZL/A001 Operator: Ripley, Geoff Waste Management licence No: 60594 Annual Tonnage: 5000	Issue Date: 14/09/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
E	201m NW	Site Name: Hardwick A H Site Address: Shaw Lane, Carlton, Barnsley, S Yorks, S71 3HJ Correspondence Address: Holme Farm, Engine Lane, Shafton, Barnsley, South Yorks, S72 8RE	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HAR009 EPR reference: - Operator: Hardwick Alan H Waste Management licence No: 60585 Annual Tonnage: 0	Issue Date: 15/03/1993 Effective Date: 30/05/2000 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
G	268m N	Site Name: Trevor Wigley & Son Ltd Site Address: Boulder Bridge Lane, Off Shaw Lane, Carlton, S Yorks, S71 3HJ Correspondence Address: Boulder Bridge Lane, Off Shaw Lane, Carlton, S Yorks, S71 3HJ	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: TRE001 EPR reference: - Operator: Trevor Wigley & Son Ltd Waste Management licence No: 60574 Annual Tonnage: 0	Issue Date: 10/06/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	297m N	Site Name: Land At Boulder Bridge Lane Site Address: Land At, Boulder Bridge Lane, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM003 EPR reference: EA/EPR/FB3903MA/T001 Operator: Sims Group U K Ltd Waste Management licence No: 65278 Annual Tonnage: 74999	Issue Date: 24/02/2004 Effective Date: 09/02/2018 Modified: 16/12/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred

ID	Location	Details		
G	297m N	Site Name: Land At Boulder Bridge Lane Site Address: Land At, Boulder Bridge Lane, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: SIM003 EPR reference: EA/EPR/FB3903MA/V003 Operator: Sims Group U K Ltd Waste Management licence No: 65278 Annual Tonnage: 89999	Issue Date: 24/02/2004 Effective Date: 09/02/2018 Modified: 20/07/2021 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	300m N	Site Name: Trevor Wigley & Son Bus Ltd. Site Address: Boulder Bridge Lane, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 000207 EPR reference: EA/EPR/NP3892ZP/V002 Operator: T Wigley & Son Bus Limited Waste Management licence No: 65395 Annual Tonnage: 2500	Issue Date: 26/01/2005 Effective Date: - Modified: 12/10/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	300m N	Site Name: Trevor Wigley & Son Bus Ltd. Site Address: Boulder Bridge Lane, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 000207 EPR reference: EA/EPR/NP3892ZP/V002 Operator: T. Wigley & Son Bus Limited Waste Management licence No: 65395 Annual Tonnage: 2500	Issue Date: 26/01/2005 Effective Date: - Modified: 12/10/2018 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	300m N	Site Name: T Wigley & Son Bus Ltd Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: ELV Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 000207 EPR reference: EA/EPR/NP3892ZP/A001 Operator: T Wigley & Son Bus Ltd Waste Management licence No: 65395 Annual Tonnage: 2500	Issue Date: 26/01/2005 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
H	338m SW	Site Name: Former Carlton Colliery Site Site Address: Former Carlton Colliery Site, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: POR079 EPR reference: EA/EPR/BB3103FE/A001 Operator: Portward Homes Limited Waste Management licence No: 401087 Annual Tonnage: 329999.999	Issue Date: 19/11/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
H	338m SW	Site Name: Former Carlton Colliery Site Site Address: Former Carlton Colliery Site, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Deposit of waste to land as a recovery operation Size: >= 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: POR079 EPR reference: EA/EPR/BB3103FE/A001 Operator: Portward Homes Limited Waste Management licence No: 401087 Annual Tonnage: 330000	Issue Date: 19/11/2014 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	360m N	Site Name: W F S Metals Ltd Site Address: Boulder Bridge Lane, Carlton, Barnsley, South Yorkshir Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WFS002 EPR reference: EA/EPR/JP3590ZH/A001 Operator: W F S Metals Ltd Waste Management licence No: 60602 Annual Tonnage: 11213	Issue Date: 09/09/1993 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

ID	Location	Details		
G	366m N	Site Name: Aluminium Recycling (uk) Ltd Site Address: Land/premises At, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 000029 EPR reference: EA/EPR/XP3592ZM/A001 Operator: Firth Properties & Investments Ltd Waste Management licence No: 65278 Annual Tonnage: 74999	Issue Date: 24/02/2004 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	366m N	Site Name: William Firth & Son Ltd Site Address: Land/premises At, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WIL410 EPR reference: EA/EPR/CB3408CU/T001 Operator: William Firth & Son Ltd Waste Management licence No: 65278 Annual Tonnage: 74999	Issue Date: 24/02/2004 Effective Date: 24/06/2015 Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Transferred
G	366m N	Site Name: William Firth & Son Limited Site Address: Land At, Boulder Bridge Lane, Off Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WIL410 EPR reference: EA/EPR/CB3408CU/V002 Operator: William Firth & Son Limited Waste Management licence No: 65278 Annual Tonnage: 74999	Issue Date: 24/02/2004 Effective Date: 24/06/2015 Modified: 16/12/2015 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
G	366m N	Site Name: Parton & Allen Site Address: Land/premises At, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (Vehicle Dismantler) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: PAR002 EPR reference: EA/EPR/DP3090ZA/A001 Operator: Parton & Allen Waste Management licence No: 60575 Annual Tonnage: 5000	Issue Date: 08/05/1989 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	428m N	Site Name: Beckett's Yard Site Address: Land/premises At, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: CKB001 EPR reference: EA/EPR/LP3096ZN/A001 Operator: Christopher & Kevin Beckett Waste Management licence No: 65549 Annual Tonnage: 4999	Issue Date: 29/10/2007 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
G	452m N	Site Name: Boulder Bridge Lane Site Site Address: Boulder Bridge Lane Site, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HEE001 EPR reference: EA/EPR/QP3692ZQ/V002 Operator: Mr Derek Heeley & Mr Melvin Corbett Waste Management licence No: 65508 Annual Tonnage: 3150	Issue Date: 26/07/2006 Effective Date: - Modified: 05/08/2014 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified

ID	Location	Details		
J	460m N	Site Name: Tommy Goodwin Site Address: Boulder Bridge Lane, Carlton, Barnsley, S Yorks Correspondence Address: Santingley Grange, Wintersett, Wakefield, West Yorkshire, WF4 2EA	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GOO001 EPR reference: - Operator: Goodwin Tommy Waste Management licence No: 60578 Annual Tonnage: 0	Issue Date: 01/01/1970 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
J	460m N	Site Name: Goodwins Yard Site Address: Goodwins Yard, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRA005 EPR reference: EA/EPR/DP3590ZM/V002 Operator: Grantscope Ltd Waste Management licence No: 60578 Annual Tonnage: 74999	Issue Date: 01/01/1974 Effective Date: 02/07/2005 Modified: 19/01/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
J	460m N	Site Name: Goodwins Yard Site Address: Goodwins Yard, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: GRA005 EPR reference: EA/EPR/DP3590ZM/V002 Operator: Grantscope Ltd Waste Management licence No: 60578 Annual Tonnage: 74999	Issue Date: 01/01/1970 Effective Date: 02/07/2005 Modified: 19/01/2006 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Revoked
G	464m N	Site Name: W Conway & Sons Site Address: Shaw Lane, Carlton, Barnsley, S Yorks, S71 2QE Correspondence Address: The Beeches, 243, Burton Road, Monk Bretton, Barnsley, S Yorks, S71 2QE	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WCO001 EPR reference: - Operator: Conway Wilf Waste Management licence No: 60572 Annual Tonnage: 0	Issue Date: 14/09/1992 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
G	474m N	Site Name: Becketts Yard Site Address: Becketts Yard, Boulder Bridge Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BEC001 EPR reference: EA/EPR/DP3890ZH/V002 Operator: Beckett C K Waste Management licence No: 60579 Annual Tonnage: 4999	Issue Date: 30/10/1992 Effective Date: - Modified: 19/12/2013 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
G	497m N	Site Name: C. K. Beckett Site Address: Land/premises At, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ Correspondence Address: -	Type of Site: Metal Recycling Site (mixed MRS's) Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: BEC004 EPR reference: EA/EPR/PP3092ZH/A001 Operator: Malcolm Christopher Beckett And Kevin Richard Beckett Waste Management licence No: 65188 Annual Tonnage: 4999	Issue Date: 17/11/2000 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Part revoke

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

3.7 Waste exemptions

Records within 500m **22**

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 30**

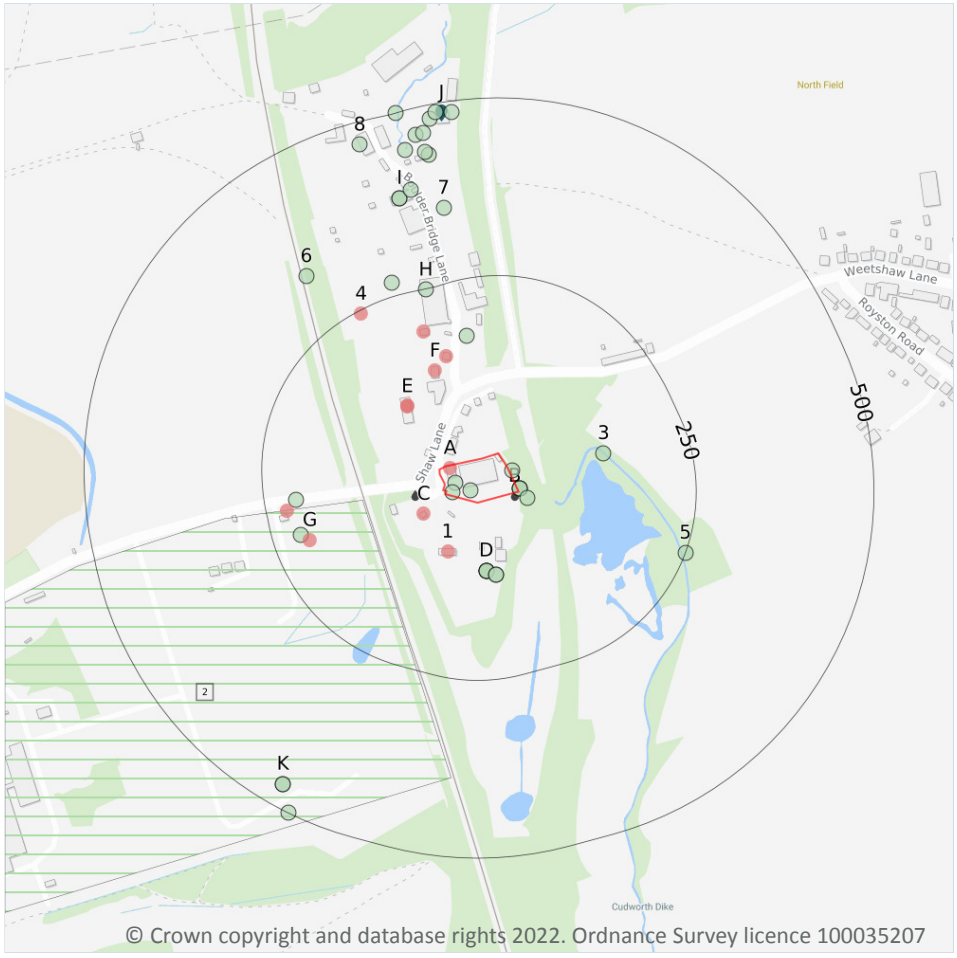
ID	Location	Site	Reference	Category	Sub-Category	Description
A	57m S	DTS Recycling Centre Shaw Lane BARNSLEY South Yorkshire S71 3HJ	EPR/NF0932EP/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in secure containers
A	57m S	DTS Recycling Centre Shaw Lane BARNSLEY South Yorkshire S71 3HJ	EPR/NF0932EP/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place

ID	Location	Site	Reference	Category	Sub-Category	Description
A	57m S	DTS Recycling Centre Shaw Lane BARNSLEY South Yorkshire S71 3HJ	EPR/NF0932EP/A001	Treating waste exemption	Non-Agricultural Waste Only	Sorting mixed waste
A	57m S	DTS Recycling Centre Shaw Lane BARNSLEY South Yorkshire S71 3HJ	EPR/NF0932EP/A001	Treating waste exemption	Non-Agricultural Waste Only	Preparatory treatments (baling, sorting, shredding etc)
A	78m S	SHAW LANE, CARLTON, BARNSLEY, S71 3HJ	WEX279032	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	190m N	Caulfield Concrete Yard, Boulder Bridge Estate Shaw Lane, Carlton, Barnsley, S71 3HJ	WEX149313	Using waste exemption	Not on a farm	Use of waste in construction
E	190m N	MELS BREAKERS, SHAW LANE, CARLTON, S71 3HJ	WEX128812	Treating waste exemption	Not on a farm	Recovery of scrap metal
E	190m N	HUBBARDS YARD (REAR OF CONWAYS), SHOTTIES ISLAND, SHAW LANE, BARNSLEY, S71 3HJ	WEX117366	Storing waste exemption	Not on a farm	Storage of waste in a secure place
E	190m N	HUBBARDS YARD (REAR OF CONWAYS), SHOTTIES ISLAND, SHAW LANE, CARLTON, BARNSLEY, S713HJ	WEX112625	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	310m N	Aluminium Recycling UK Boulder Bridge Lane Barnsley S71 3HJ	EPR/KH0717AB/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of waste in a secure place
G	357m N	SHAW LANE CARLTON BARNSLEY S71 3HJ	WEX015214	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
G	401m N	SHAW LANE, CARLTON, BARNSLEY, S71 3HJ	WEX178525	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
I	426m SW	Former Carlton Colliery Site Shaw Lane Barnsley S713HJ	EPR/AE5583AT/A001	Treating waste exemption	Non-Agricultural Waste Only	Screening and blending of waste
I	428m SW	Former Carlton Colliery Site Shaw Lane Barnsley	EPR/DE5487AA/A001	Using waste exemption	Non-Agricultural Waste Only	Use of waste in construction

ID	Location	Site	Reference	Category	Sub-Category	Description
G	470m N	Hubbards Yard, Rear of conway & sons shaw lane, carlton, S713HJ	WEX238445	Disposing of waste exemption	Not on a farm	Burning waste in the open
G	470m N	Hubbards Yard, Rear of conway & sons shaw lane, carlton, S713HJ	WEX238445	Treating waste exemption	Not on a farm	Recovery of scrap metal
G	470m N	HUBBARDS YARD (REAR OF CONWAYS), SHOTTIES ISLAND, SHAW LANE, CARLTON, BARNSLEY, S713HJ	WEX253606	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	470m N	HUBBARDS YARD (REAR OF CONWAYS), SHOTTIES ISLAND, SHAW LANE, BARNSLEY, S71 3HJ	WEX260585	Storing waste exemption	Not on a farm	Storage of waste in a secure place
G	470m N	-	WEX281573	Treating waste exemption	Not on a farm	Manual treatment of waste
G	470m N	-	WEX281573	Treating waste exemption	Not on a farm	Sorting mixed waste
G	470m N	-	WEX281573	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	498m N	THE OLD PATTERSON'S YARD BOULDER BRIDGE LANE BARNSLEY S71 3HJ	EPR/GE5388MT/A001	Treating waste exemption	Non-Agricultural Waste Only	Recovery of scrap metal

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

4 Current industrial land use



Site Outline

Search buffers in metres (m)

Recent industrial land uses

Control of Major Accident Hazards

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

Licensed Discharges to controlled waters

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **11**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 54**

ID	Location	Company	Address	Activity	Category
A	**On site**	**Carlton Car Breakers**	**Shaw Lane Works, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ**	**Scrap Metal Merchants**	**Recycling Services**
C	41m SW	W Conway & Sons	Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Scrap Metal Merchants	Recycling Services
1	78m S	Mel's Motor Spares	Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Scrap Metal Merchants	Recycling Services

ID	Location	Company	Address	Activity	Category
E	100m NW	Milton Gough's	Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Scrap Metal Merchants	Recycling Services
E	101m NW	A H Hardwick	Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	New Vehicles	Motoring
F	135m N	Tank	South Yorkshire, S71	Tanks (Generic)	Industrial Features
F	151m N	Tank	South Yorkshire, S71	Tanks (Generic)	Industrial Features
F	192m N	Caulfield Concrete Products	Boulder Bridge, Shaw Lane, Carlton, Barnsley, South Yorkshire, S71 3HJ	Fences, Gates and Railings	Industrial Products
G	200m W	Sewage Works	South Yorkshire, S71	Waste Storage, Processing and Disposal	Infrastructure and Facilities
G	222m W	Pumping Station	South Yorkshire, S71	Water Pumping Stations	Industrial Features
4	245m NW	Travelling Crane	South Yorkshire, S71	Travelling Cranes and Gantries	Industrial Features

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	**0**

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	**0**

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	1

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.

Features are displayed on the Current industrial land use map on **page 54**

ID	Location	Company	Address	Operational status	Tier
2	112m W	Manor Bakeries Ltd	Manor Bakeries Ltd, Fish Dam Lane, Carlton, Barnsley, S71 3HQ	Historical NIHHS Site	-

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

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

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

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

Records within 500m	1

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

Features are displayed on the Current industrial land use map on **page 54**

ID	Location	Address	Details	
J	485m N	Ever Ready Mix Ltd, Site 4, Boulder Bridge Lane, Cartlon, Barnsley, S71 3HJ	Process: Use of Bulk Cement Status: Current Permit Permit Type: Part B	Enforcement: Enforcement Notified Date of enforcement: 29/09/2016 Comment: Particulate Matter

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 54**

ID	Location	Address	Details	
B	4m S	ROYSTON (CARLTON-SHAW LANE), SEWAGE PUMPING STATION, CARLTON, BARNSLEY, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WRA7675 Permit Version: 1 Receiving Water: SHAW DYKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/03/2001 Effective Date: 27/03/2001 Revocation Date: -
B	4m S	ROYSTON (CARLTON-SHAW LANE), SEWAGE PUMPING STATION, CARLTON, BARNSLEY, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WRA7675 Permit Version: 1 Receiving Water: SHAW DYKE	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 27/03/2001 Effective Date: 27/03/2001 Revocation Date: -
C	40m W	SHAW LANE B SPS, SHAW LANE, CARLTON, ROYSTON, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WADC378 Permit Version: 1 Receiving Water: CUDWORTH DYKE	Status: TRANSFERRED FROM WATER ACT 1989 Issue date: 02/11/1989 Effective Date: 02/11/1989 Revocation Date: 13/04/2009
C	40m W	SHAW LANE B SPS, SHAW LANE, CARLTON, ROYSTON, SOUTH YORKSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: WADC378 Permit Version: 2 Receiving Water: CUDWORTH DYKE	Status: SURRENDERED UNDER EPR 2010 Issue date: 14/04/2009 Effective Date: 14/04/2009 Revocation Date: 01/03/2017

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	39

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 54**

ID	Location	Details	
A	**On site**	**Incident Date: 10/04/2002** **Incident Identification: 70343** **Pollutant: General Biodegradable Materials and Wastes** **Pollutant Description: Other General Biodegradable Material or Waste**	**Water Impact: Category 4 (No Impact)** **Land Impact: Category 3 (Minor)** **Air Impact: Category 3 (Minor)**
A	**On site**	**Incident Date: 09/01/2002** **Incident Identification: 51354** **Pollutant: Pollutant Not Identified** **Pollutant Description: Not Identified**	**Water Impact: Category 3 (Minor)** **Land Impact: Category 4 (No Impact)** **Air Impact: Category 4 (No Impact)**
A	**On site**	**Incident Date: 10/04/2003** **Incident Identification: 150342** **Pollutant: General Biodegradable Materials and Wastes** **Pollutant Description: Other General Biodegradable Material or Waste**	**Water Impact: Category 4 (No Impact)** **Land Impact: Category 4 (No Impact)** **Air Impact: Category 4 (No Impact)**
B	3m NE	Incident Date: 16/03/2011 Incident Identification: 866408 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	3m NE	Incident Date: 23/01/2002 Incident Identification: 53958 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	3m NE	Incident Date: 23/01/2002 Incident Identification: 53958 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	4m NE	Incident Date: 08/09/2006 Incident Identification: 433600 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Food and Drink	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
B	15m SE	Incident Date: 29/04/2009 Incident Identification: 674859 Pollutant: Organic Chemicals/Products Pollutant Description: Hydrocarbons	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
D	96m S	Incident Date: 28/02/2005 Incident Identification: 295856 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)

ID	Location	Details	
D	96m S	Incident Date: 28/02/2005 Incident Identification: 295856 Pollutant: Specific Waste Materials Pollutant Description: Batteries	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	96m S	Incident Date: 28/02/2005 Incident Identification: 295856 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	96m S	Incident Date: 28/02/2005 Incident Identification: 295856 Pollutant: Oils and Fuel : Specific Waste Materials Pollutant Description: Mixed/Waste Oils :Batteries :Vehicles and Vehicle Parts	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 4 (No Impact)
D	104m S	Incident Date: 29/05/2019 Incident Identification: 1705918 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
D	104m S	Incident Date: 29/05/2019 Incident Identification: 1705918 Pollutant: Contaminated Water Pollutant Description: Firefighting Run-Off	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
3	131m NE	Incident Date: 14/06/2009 Incident Identification: 687675 Pollutant: Oils and Fuel Pollutant Description: Mixed/Waste Oils	Water Impact: Category 2 (Significant) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
F	170m N	Incident Date: 22/03/2003 Incident Identification: 145128 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
G	205m W	Incident Date: 24/09/2001 Incident Identification: 32609 Pollutant: Sewage Materials Pollutant Description: Storm Sewage	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
G	210m W	Incident Date: 12/07/2004 Incident Identification: 250370 Pollutant: Sewage Materials Pollutant Description: Crude Sewage	Water Impact: Category 1 (Major) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
H	248m N	Incident Date: 03/09/2020 Incident Identification: 1844270 Pollutant: Other Pollutant Pollutant Description: Noise	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)

ID	Location	Details	
5	249m E	Incident Date: 13/12/2015 Incident Identification: 1394320 Pollutant: Agricultural Materials and Wastes Pollutant Description: Other Agricultural Material or Waste	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
H	269m N	Incident Date: 03/06/2020 Incident Identification: 1813621 Pollutant: Other Pollutant Pollutant Description: Noise	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
6	330m NW	Incident Date: 23/01/2003 Incident Identification: 132967 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
7	353m N	Incident Date: 20/02/2002 Incident Identification: 59523 Pollutant: Other Pollutant Pollutant Description: Other	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
I	382m N	Incident Date: 04/08/2020 Incident Identification: 1833568 Pollutant: Other Pollutant Pollutant Description: Noise	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
I	382m N	Incident Date: 01/07/2020 Incident Identification: 1823508 Pollutant: Other Pollutant Pollutant Description: Noise	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
I	390m N	Incident Date: 01/07/2003 Incident Identification: 170078 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
J	431m N	Incident Date: 21/06/2002 Incident Identification: 86401 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
J	436m N	Incident Date: 21/06/2002 Incident Identification: 86400 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
J	446m N	Incident Date: 15/11/2002 Incident Identification: 120977 Pollutant: Specific Waste Materials Pollutant Description: Other Non-Metal Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)

ID	Location	Details	
J	462m N	Incident Date: 14/07/2003 Incident Identification: 173559 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
J	463m N	Incident Date: 20/05/2004 Incident Identification: 239091 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 2 (Significant)
K	467m SW	Incident Date: 18/08/2005 Incident Identification: 339263 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
K	467m SW	Incident Date: 18/08/2005 Incident Identification: 339263 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 2 (Significant) Air Impact: Category 3 (Minor)
8	468m N	Incident Date: 10/01/2002 Incident Identification: 51801 Pollutant: Pollutant Not Identified Pollutant Description: Not Identified	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)
J	479m N	Incident Date: 21/03/2002 Incident Identification: 65745 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
J	484m N	Incident Date: 19/06/2003 Incident Identification: 167082 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
J	488m N	Incident Date: 05/06/2003 Incident Identification: 163631 Pollutant: Atmospheric Pollutants and Effects Pollutant Description: Smoke	Water Impact: Category 4 (No Impact) Land Impact: Category 4 (No Impact) Air Impact: Category 3 (Minor)
K	498m SW	Incident Date: 03/08/2005 Incident Identification: 344135 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)
J	499m N	Incident Date: 08/11/2002 Incident Identification: 119716 Pollutant: Specific Waste Materials Pollutant Description: Other Non-Metal Wastes	Water Impact: Category 3 (Minor) Land Impact: Category 3 (Minor) Air Impact: Category 2 (Significant)

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

4.19 Pollution inventory substances

Records within 500m	0

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

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

4.20 Pollution inventory waste transfers

Records within 500m	0

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

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

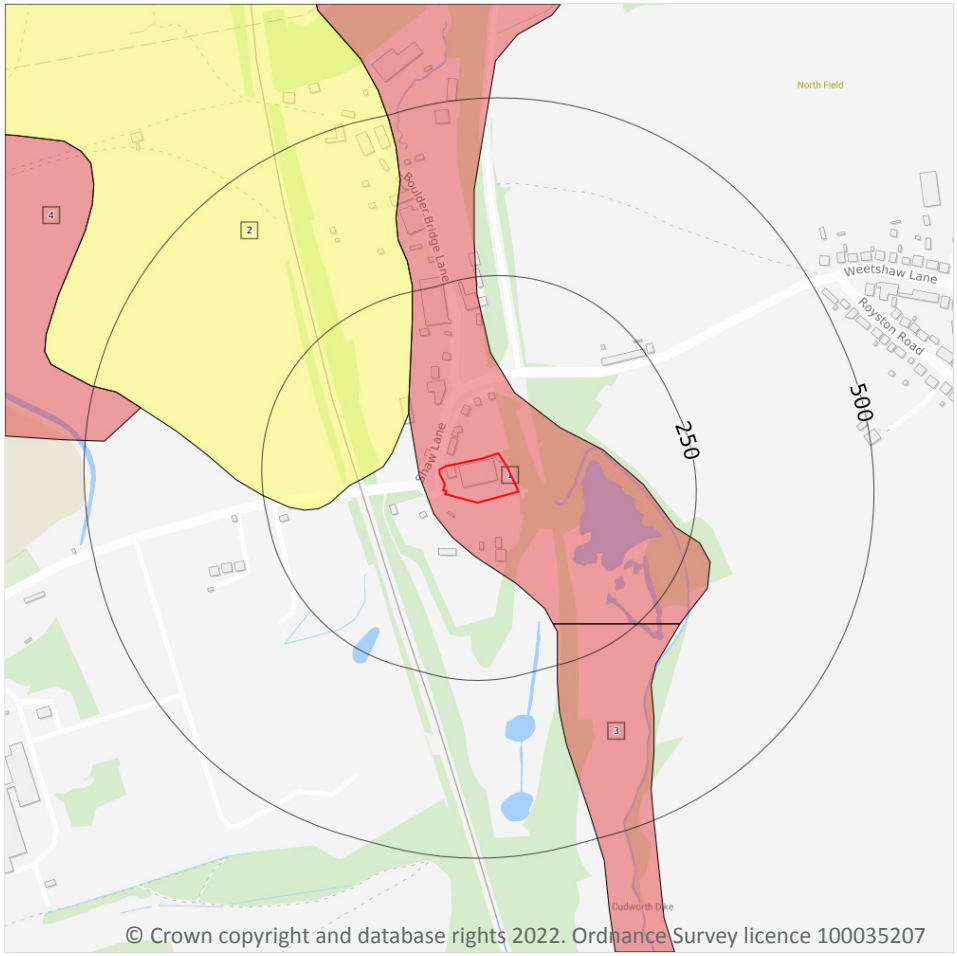
4.21 Pollution inventory radioactive waste

Records within 500m	0

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

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

5 Hydrogeology - Superficial aquifer



Site Outline

Search buffers in metres (m)

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

5.1 Superficial aquifer

Records within 500m	4

Aquifer status of groundwater held within superficial geology.

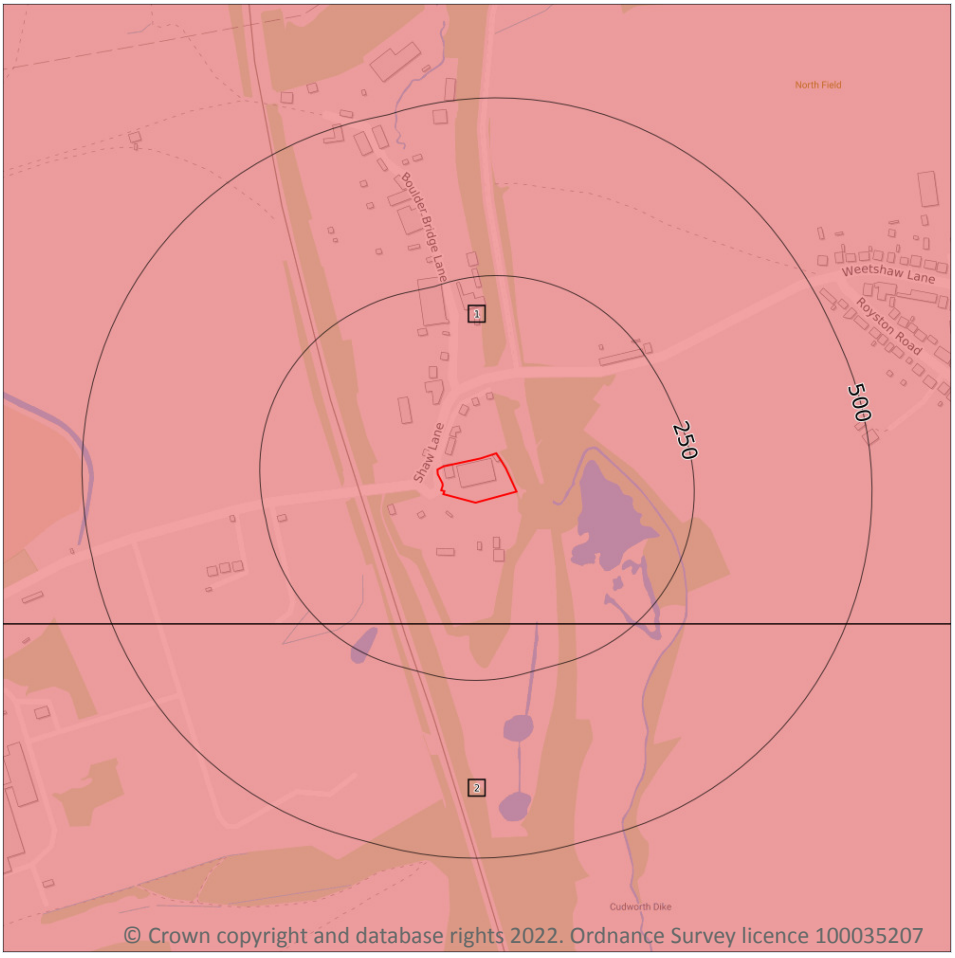
Features are displayed on the Hydrogeology map on **page 65**

ID	Location	Designation	Description
1	**On site**	**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	70m NW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
3	192m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
4	429m W	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

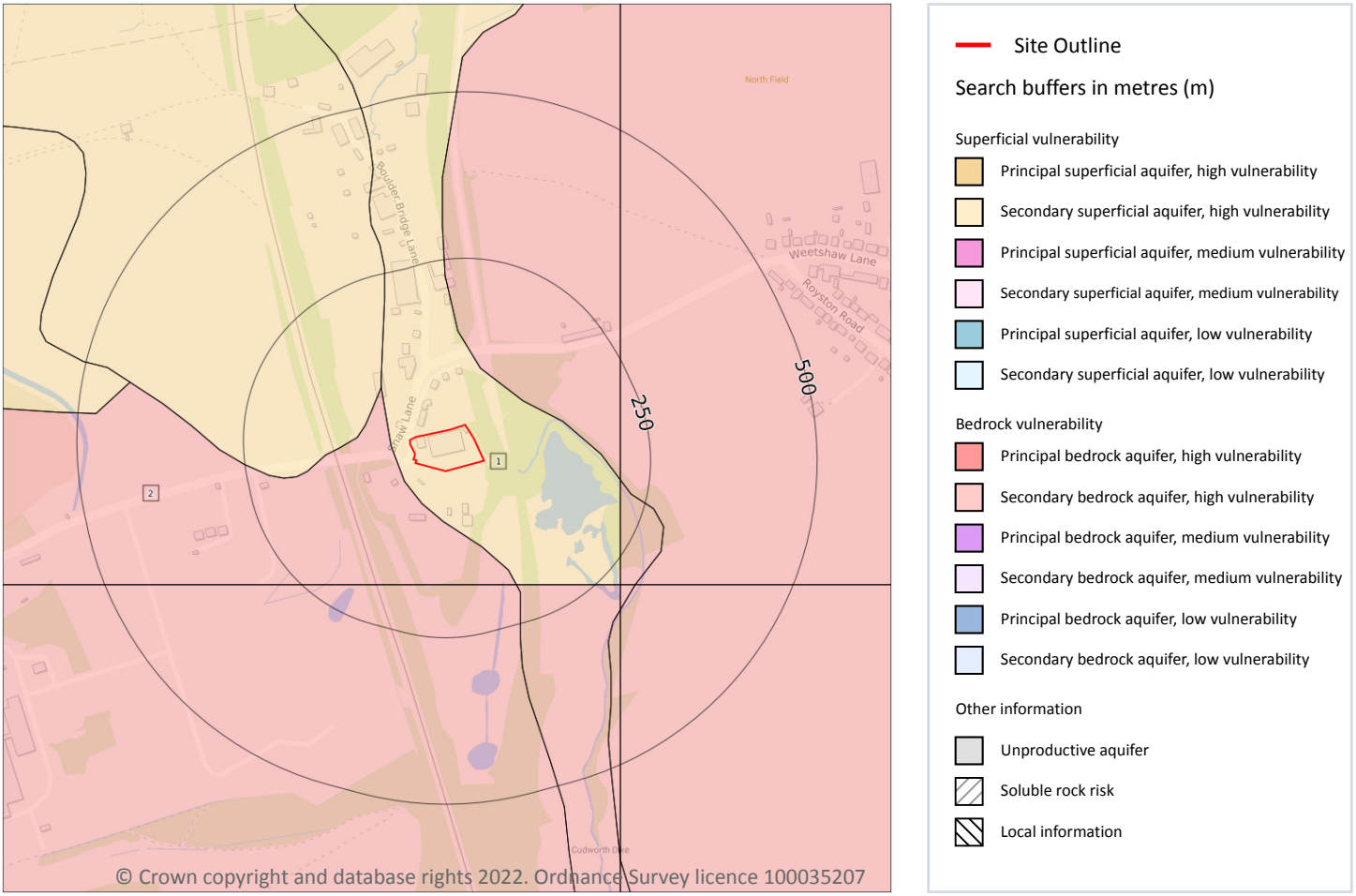
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 67**

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	171m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

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

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	2

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

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

Features are displayed on the Groundwater vulnerability map on **page 69**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	**On site**	**Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer**	**Leaching class: High Infiltration value: >70% Dilution value: <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**
2	24m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <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	0

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.

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

5.7 Surface water abstractions

Records within 2000m	0

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.

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

5.8 Potable abstractions

Records within 2000m	0

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

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

5.9 Source Protection Zones

Records within 500m	0

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

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

5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology

Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

6.1 Water Network (OS MasterMap)

Records within 250m	**13**

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 73**

ID	Location	Type of water feature	Ground level	Permanence	Name
A	3m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Shaw Dike

ID	Location	Type of water feature	Ground level	Permanence	Name
B	6m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
B	6m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Shaw Dike
2	12m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
3	50m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	Shaw Dike
C	61m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Cudworth Dike
4	69m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	87m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Boulder Bridge Dike
D	144m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	149m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
E	161m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	173m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	Boulder Bridge Dike
8	183m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	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 73**

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 73**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
A	**On site**	**River**	**Cudworth Dyke from Source to River Dearne**	**GB104027063230**	**Dearne**	**Don and Rother**

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 73**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
1	4m NE	River	Cudworth Dyke from Source to River Dearne	GB104027063230	Poor	Fail	Poor	2019

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

6.5 WFD Groundwater bodies

Records on site	**1**

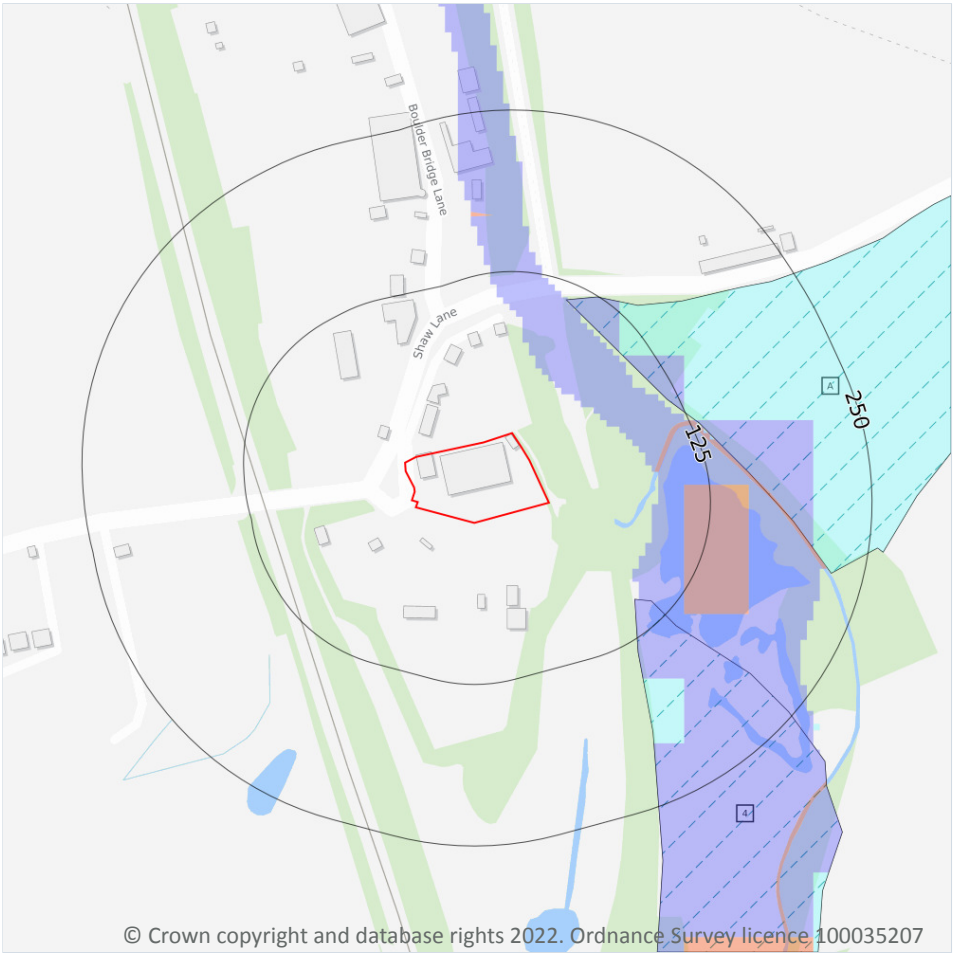
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 73**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
A	**On site**	**Don & Rother Millstone grit & Coal Measures**	**GB40402G992300**	**Poor**	**Poor**	**Good**	**2019**

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

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

River and coastal flooding:

High

Medium

Low

Very Low

Historical Flood Events

Areas Used for Flood Storage

Areas Benefiting from Flood Defences

Flood Defences

7.1 Risk of flooding from rivers and the sea

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 77**

Distance	Flood risk category
On site	**N/A**
0 - 50m	Medium

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

7.2 Historical Flood Events

Records within 250m	**2**

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 77**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
4	100m SE	123 March 1947	1947-03-19 1947-03-22	Ordinary watercourse	Channel capacity exceeded (no raised defences)	Fluvial
A	103m NE	123 March 1947	1947-03-19 1947-03-22	Ordinary watercourse	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 Flood Defences

Records within 250m	**0**

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

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

7.4 Areas Benefiting from Flood Defences

Records within 250m	**0**

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

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

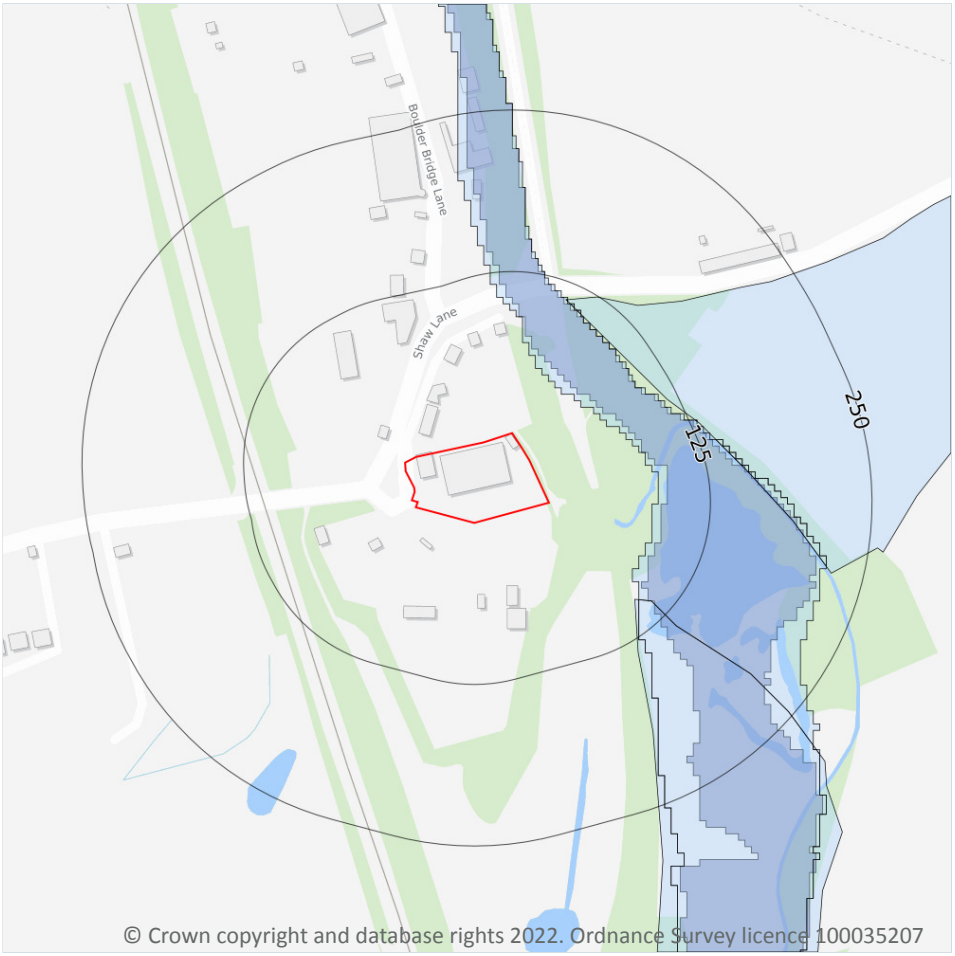
7.5 Flood Storage Areas

Records within 250m	0

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

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

River and coastal flooding - Flood Zones



Site Outline

Search buffers in metres (m)

Flood zone 2

Flood zone 3

7.6 Flood Zone 2

Records within 50m	1

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

Features are displayed on the River and coastal flooding map on **page 77**

Location	Type
48m NE	Zone 2 - (Fluvial /Tidal Models)

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

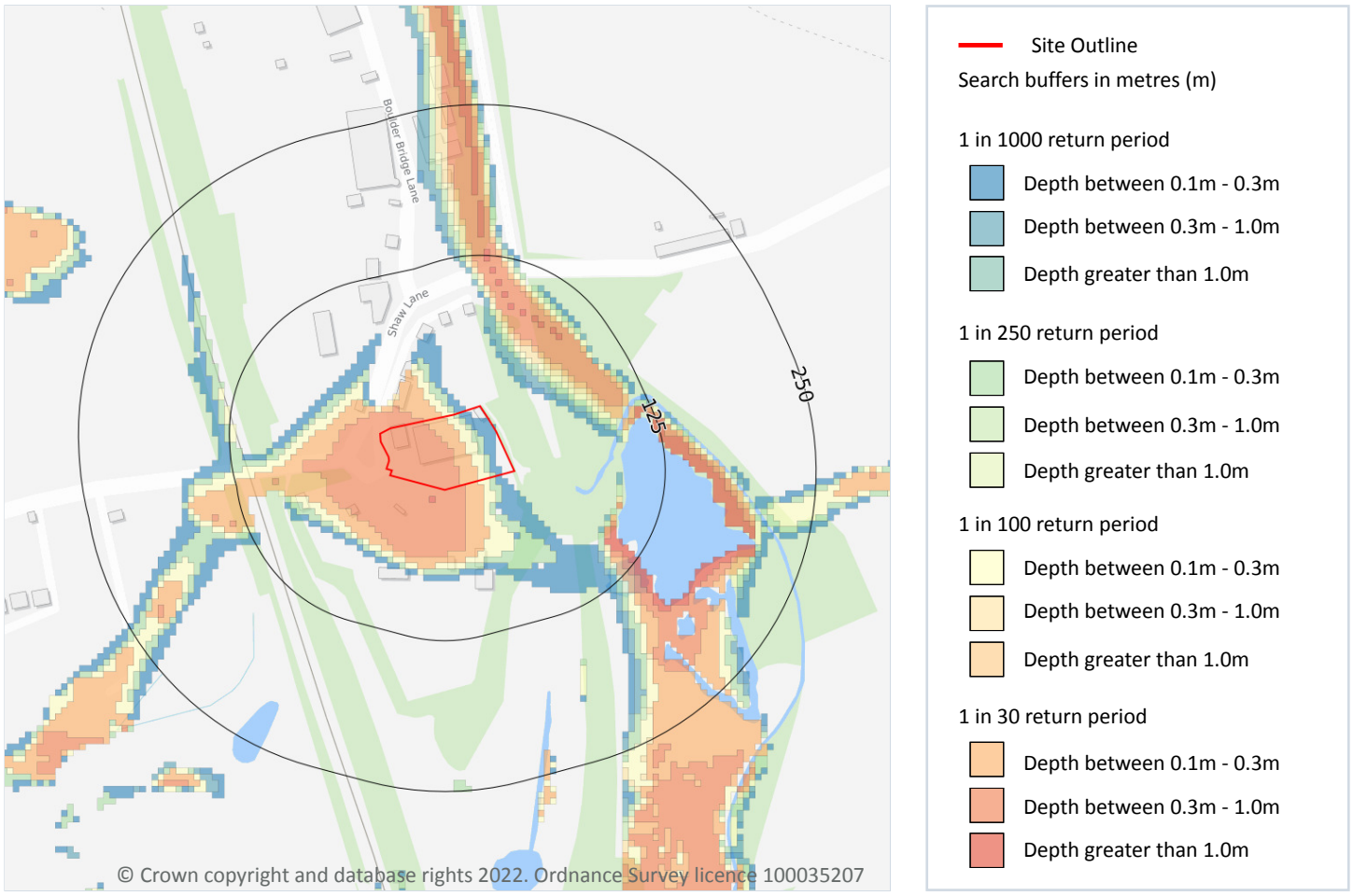
7.7 Flood Zone 3

Records within 50m	0

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

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

8 Surface water flooding



8.1 Surface water flooding

Highest risk on site	**1 in 30 year, 0.3m - 1.0m**
Highest risk within 50m	**1 in 30 year, Greater than 1.0m**

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

Features are displayed on the Surface water flooding map on **page 82**

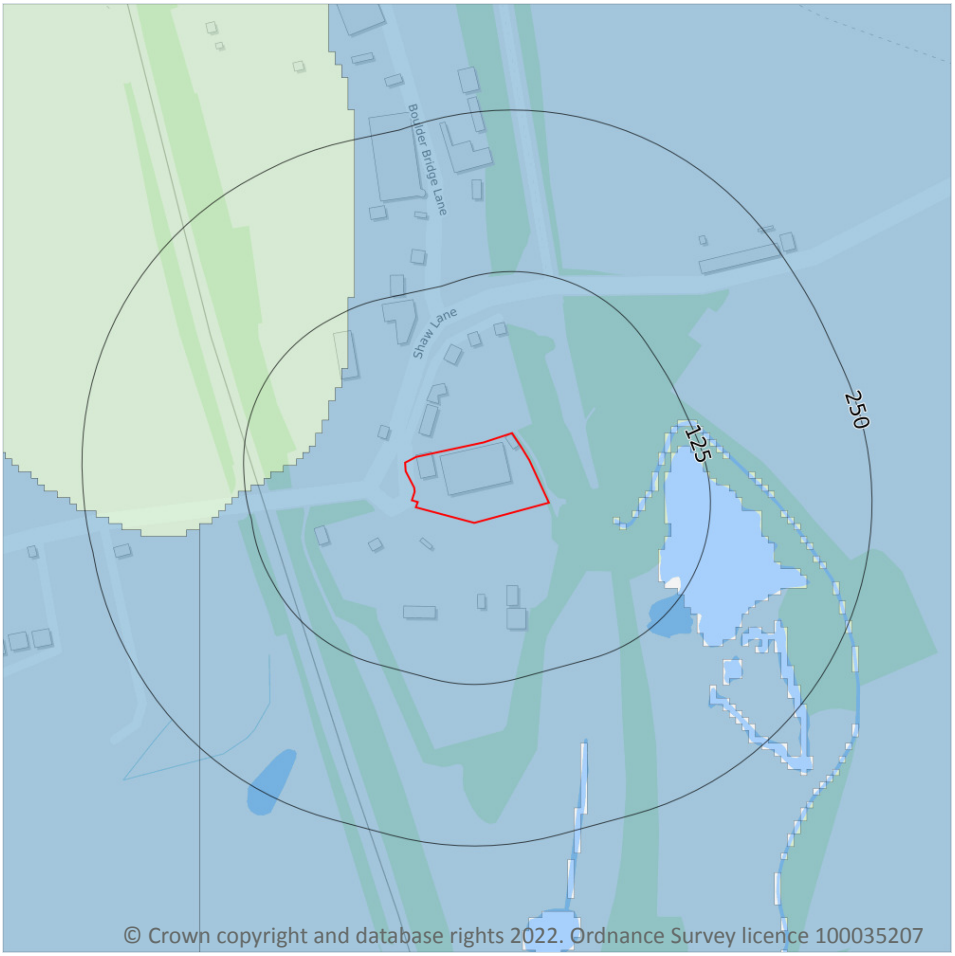
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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

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

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

High

Moderate - High

Moderate

Low

Negligible

9.1 Groundwater flooding

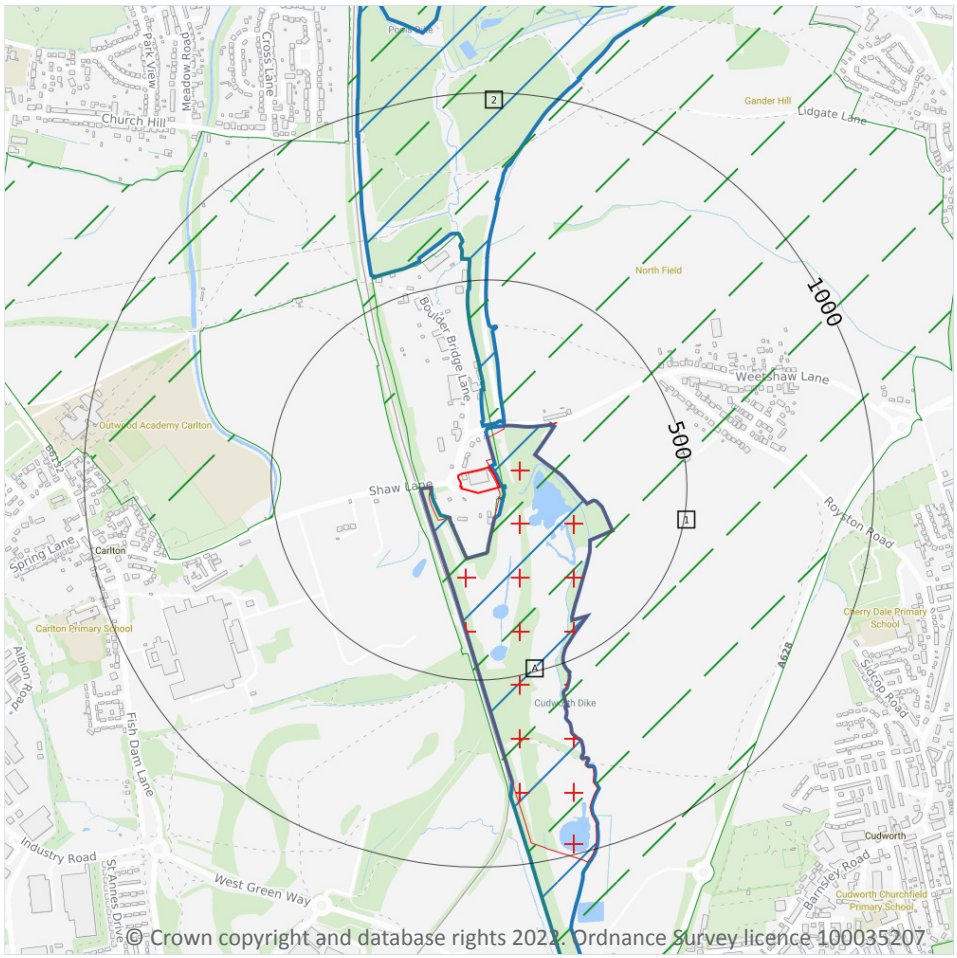
Highest risk on site	**Negligible**
Highest risk within 50m	**Negligible**

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 84**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	2

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

Features are displayed on the Environmental designations map on **page 85**

ID	Location	Name	Data source
A	4m NE	Dearne Valley Wetlands	Natural England

ID	Location	Name	Data source
2	111m N	Dearne Valley Wetlands	Natural England

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

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

Features are displayed on the Environmental designations map on **page 85**

ID	Location	Name	Data source
A	**On site**	**Carlton Marsh (mapped boundary not verified)**	**Natural England**

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

10.7 Designated Ancient Woodland

Records within 2000m	0

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

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

10.8 Biosphere Reserves

Records within 2000m	0

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

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

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	2

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

Features are displayed on the Environmental designations map on **page 85**

ID	Location	Name	Local Authority name
1	8m E	South and West Yorkshire	Barnsley
-	1858m N	South and West Yorkshire	Wakefield

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

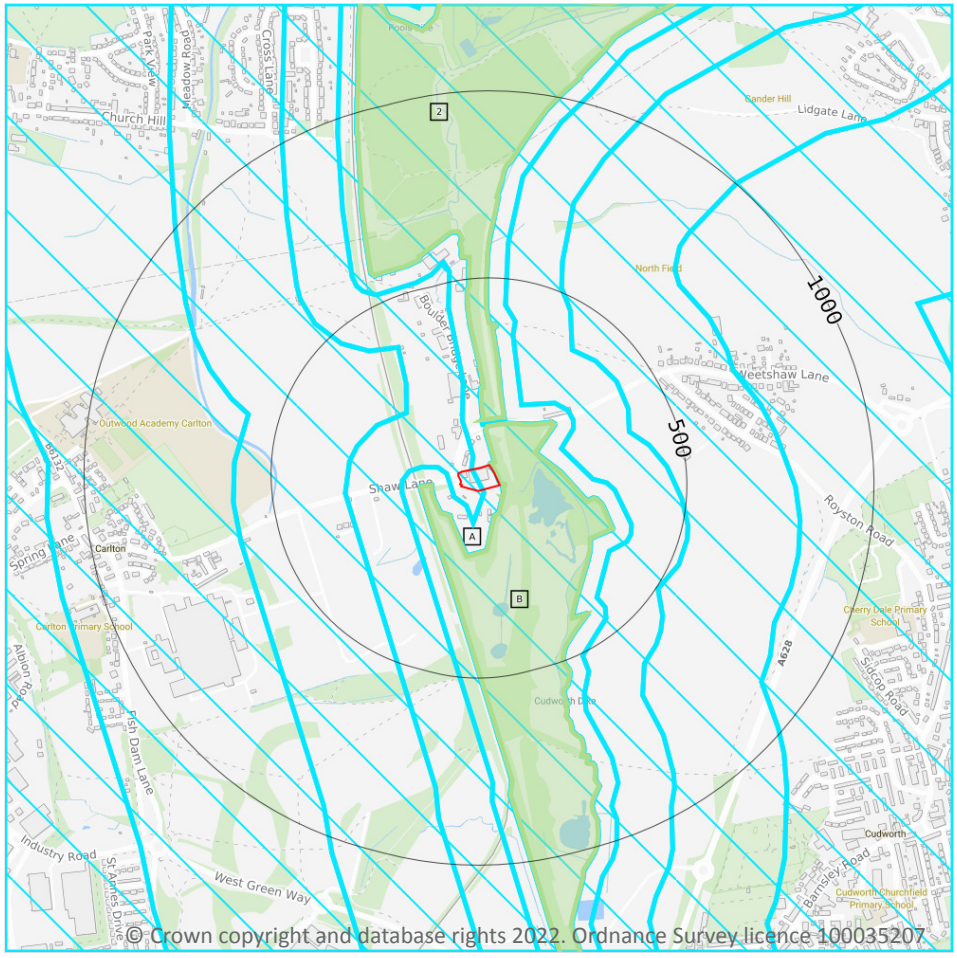
Records within 2000m	1

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 Dearne NVZ**	**Surface Water**	**278**	**Existing**

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

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site	2

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

Features are displayed on the SSSI Impact Zones and Units map on **page 90**

ID	Location	Type of developments requiring consultation
A	**On site**	**All applications - All planning applications - except householder applications.**

ID	Location	Type of developments requiring consultation
A	**On site**	**All applications - All planning applications (except householder) outside or extending outside existing settlements/urban areas affecting greenspace, farmland, semi natural habitats or landscape features such as trees, hedges, streams, rural buildings/structures. Infrastructure - Pipelines, pylons and overhead cables. any transport proposal including road, rail and by water (excluding routine maintenance). airports, helipads and other aviation proposals. Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Rural non-residential - Large non residential developments outside existing settlements/urban areas where net additional gross internal floorspace is > 1,000m² or footprint exceeds 0.2ha. Residential - Residential development of 10 units or more. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any development that could cause air pollution or dust either in its construction or operation (incl: industrial/commercial processes, livestock & poultry units, slurry lagoons & digestate stores, manure stores). Combustion - All general combustion processes. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion. Waste - Mechanical and biological waste treatment, inert landfill, non-hazardous landfill, hazardous landfill, household civic amenity recycling facilities construction, demolition and excavation waste, other waste management. Composting - Any composting proposal. incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management. Discharges - Any discharge of water or liquid waste that is discharged to ground (ie to seep away) or to surface water, such as a beck or stream. Water supply - Large infrastructure such as warehousing / industry where net additional gross internal floorspace is > 1,000m² or any development needing its own water supply .**

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	**2**

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

Features are displayed on the SSSI Impact Zones and Units map on **page 90**

ID:	B
Location:	4m NE
SSSI name:	Dearne Valley Wetlands
Unit name:	Carlton Marsh
Broad habitat:	
Condition:	Favourable
Reportable features:	

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Gadwall, Anas strepera	Favourable	01/03/2021
Aggregations of breeding birds - Willow Tit, Poecile montanus	Favourable	01/03/2021
Aggregations of non-breeding birds - Gadwall, Anas strepera	Favourable	01/03/2021
Aggregations of non-breeding birds - Shoveler, Anas clypeata	Favourable	01/03/2021
Assemblages of breeding birds - Lowland damp grasslands	Favourable	01/03/2021
Assemblages of breeding birds - Mixed	Favourable	01/03/2021
Assemblages of breeding birds - Scrub	Favourable	01/03/2021

ID: 2
Location: 122m N
SSSI name: Dearne Valley Wetlands
Unit name: Pool Ings And Sandybridge Dyke
Broad habitat:
Condition: Favourable
Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Willow Tit, Poecile montanus	Favourable	01/03/2021
Assemblages of breeding birds - Mixed	Favourable	01/03/2021
Assemblages of breeding birds - Scrub	Favourable	01/03/2021

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

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m	0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

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

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

11.3 National Parks

Records within 250m	0

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

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

11.4 Listed Buildings

Records within 250m	0

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

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

11.5 Conservation Areas

Records within 250m	0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m	0

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

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

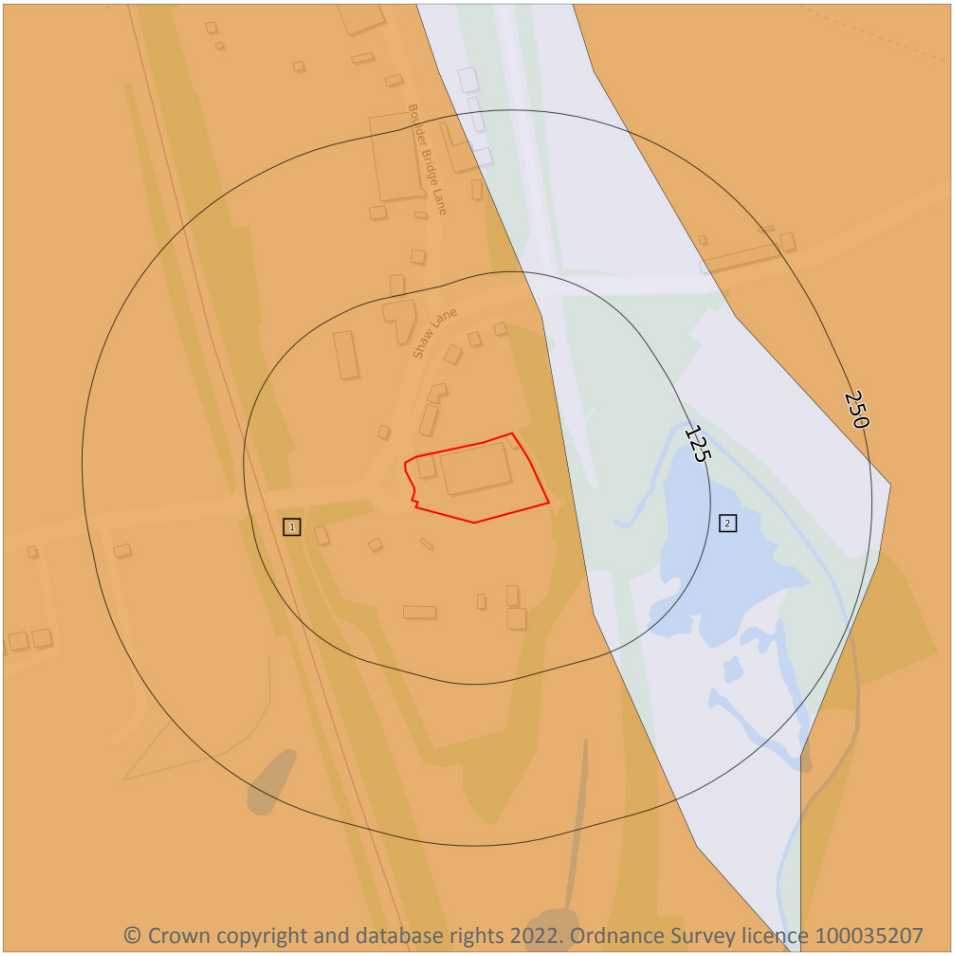
11.7 Registered Parks and Gardens

Records within 250m	0

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

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

12 Agricultural designations



Site Outline

Search buffers in metres (m)

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

12.1 Agricultural Land Classification

Records within 250m	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 95**

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

ID	Location	Classification	Description
2	19m E	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	0

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

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

12.3 Tree Felling Licences

Records within 250m	0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

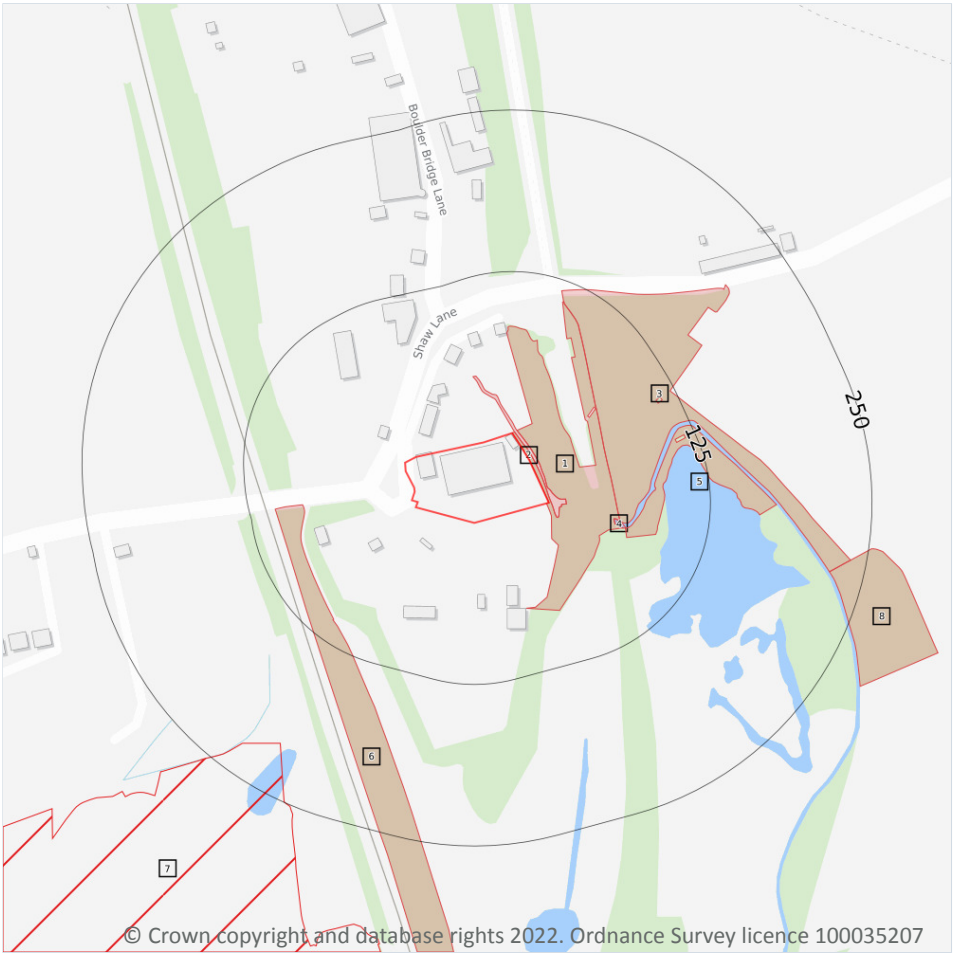
12.5 Countryside Stewardship Schemes

Records within 250m	0

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

This data is sourced from Natural England.

13 Habitat designations



Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

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

13.1 Priority Habitat Inventory

Records within 250m	**7**

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 98**

ID	Location	Main Habitat	Other habitats
1	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
2	2m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
3	51m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	52m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
5	62m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	84m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	224m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	**0**

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	**1**

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.

Features are displayed on the Habitat designations map on **page 98**

ID	Location	Site reference	Identification confidence	Primary source	Secondary source	Tertiary source
7	211m SW	NLUD Ref: 440800021	Low	National Land Use Database - Previously Developed Land	UK Perspectives Aerial Photography	British Geological Survey BRITPITS database

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

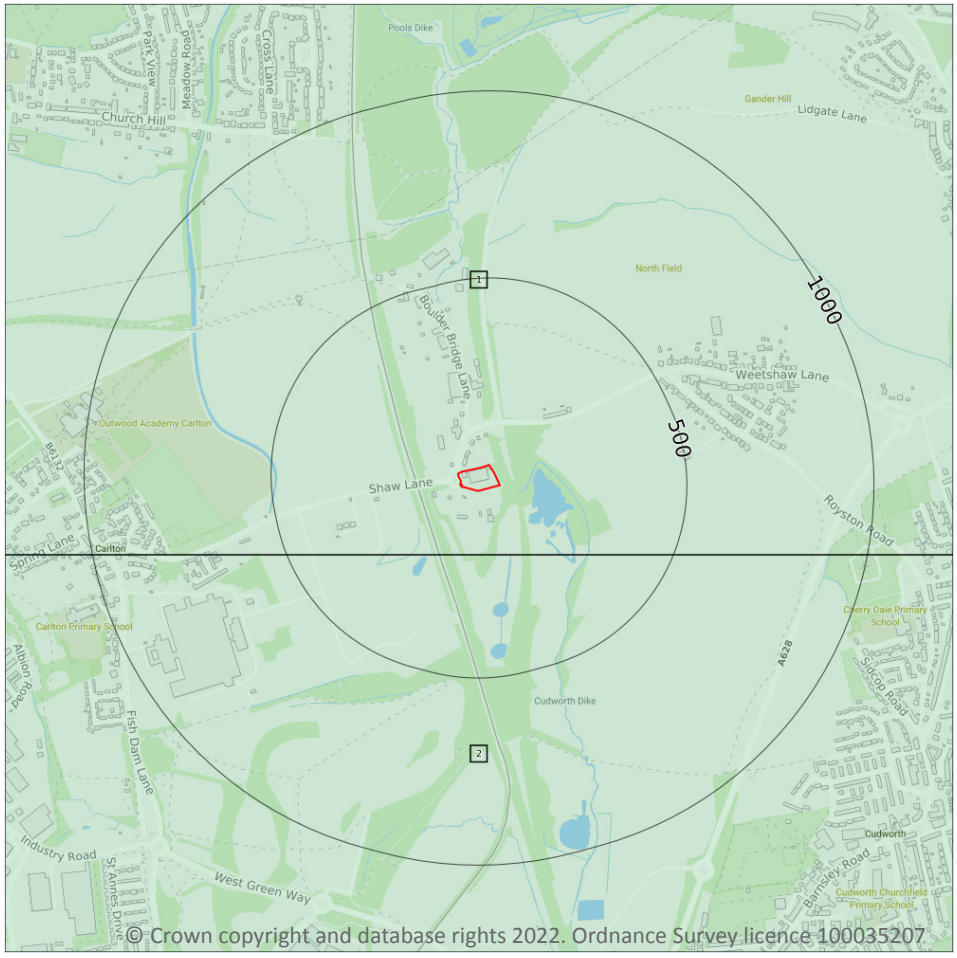
Records within 250m	**0**

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

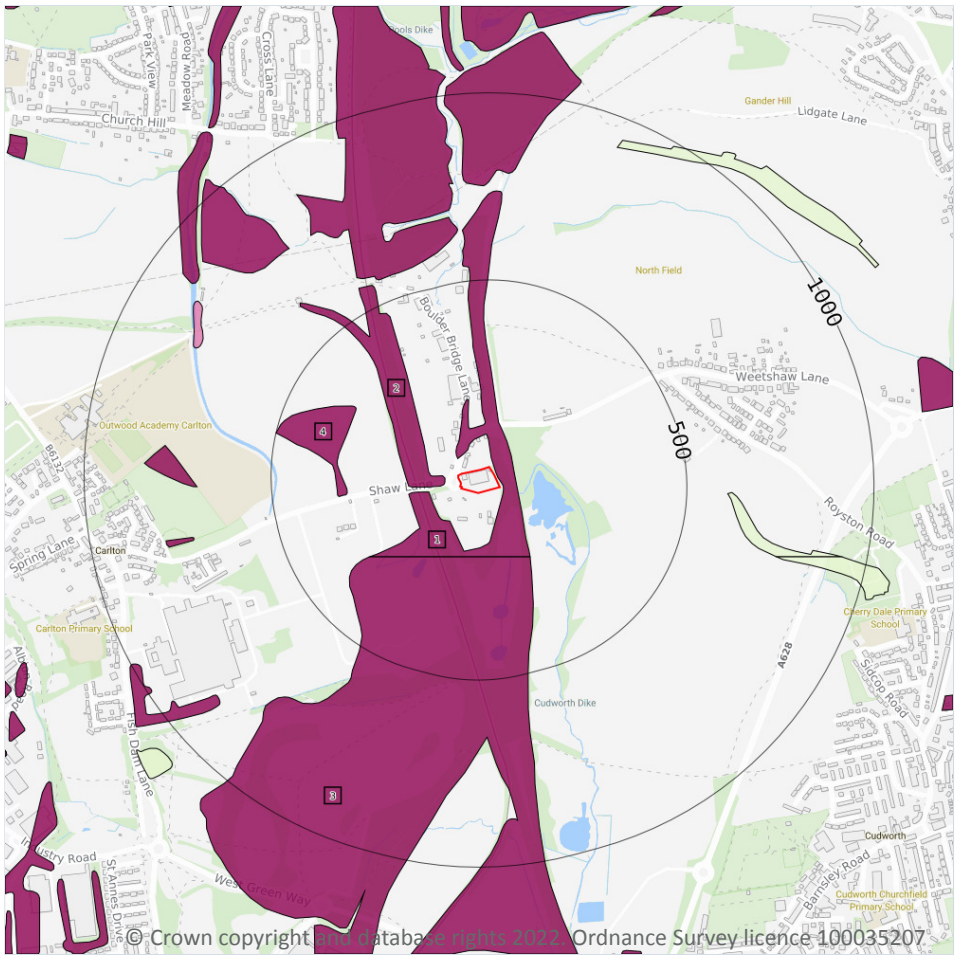
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 101**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**SE31SE**
2	171m S	Full	Full	Full	No coverage	SE30NE

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	4

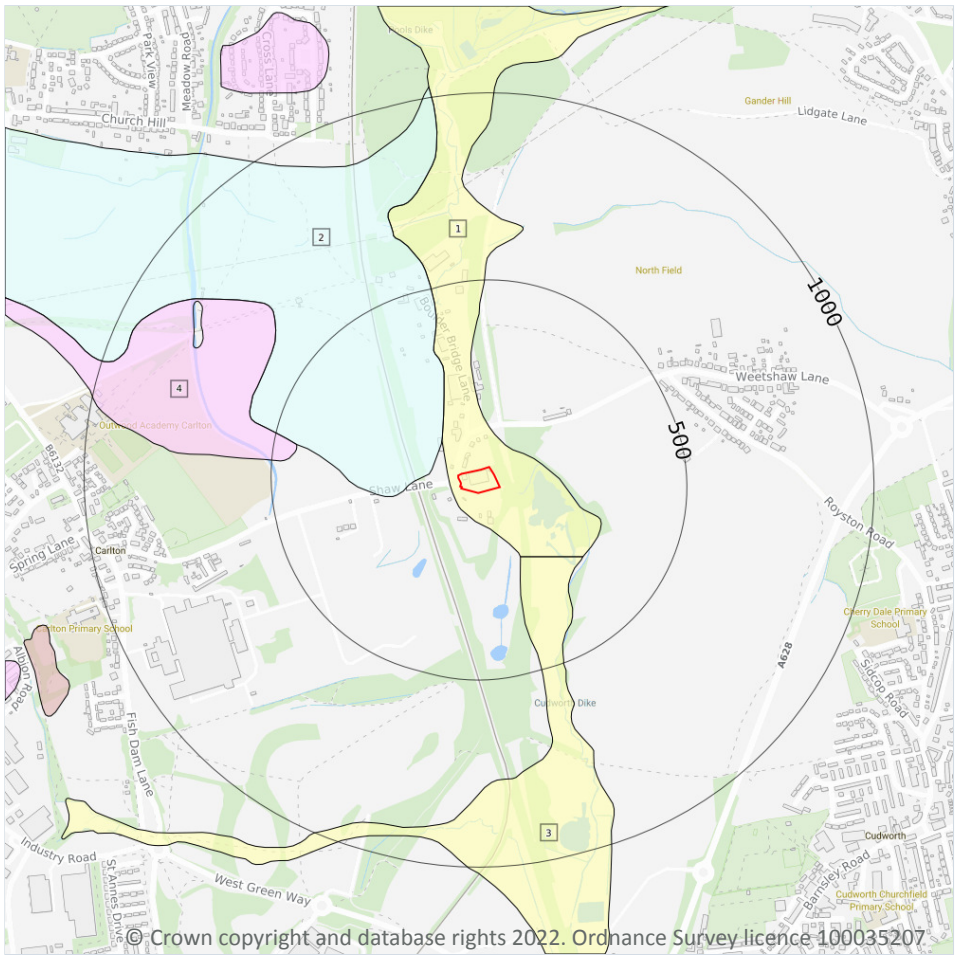
Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 102**

ID	Location	LEX Code	Description	Rock description
1	6m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	36m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	171m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
4	299m 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	4

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 104**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**ALV-XCZ**	**Alluvium - Clay And Silt**	**Clay And Silt**
2	71m W	TILMP-DMTN	Till, Mid Pleistocene - Diamicton	Diamicton
3	194m S	ALV-XCZ	Alluvium - Clay And Silt	Clay And Silt

ID	Location	LEX Code	Description	Rock description
4	438m W	GFDMP-XSV	Glaciofluvial Deposits, Mid Pleistocene - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

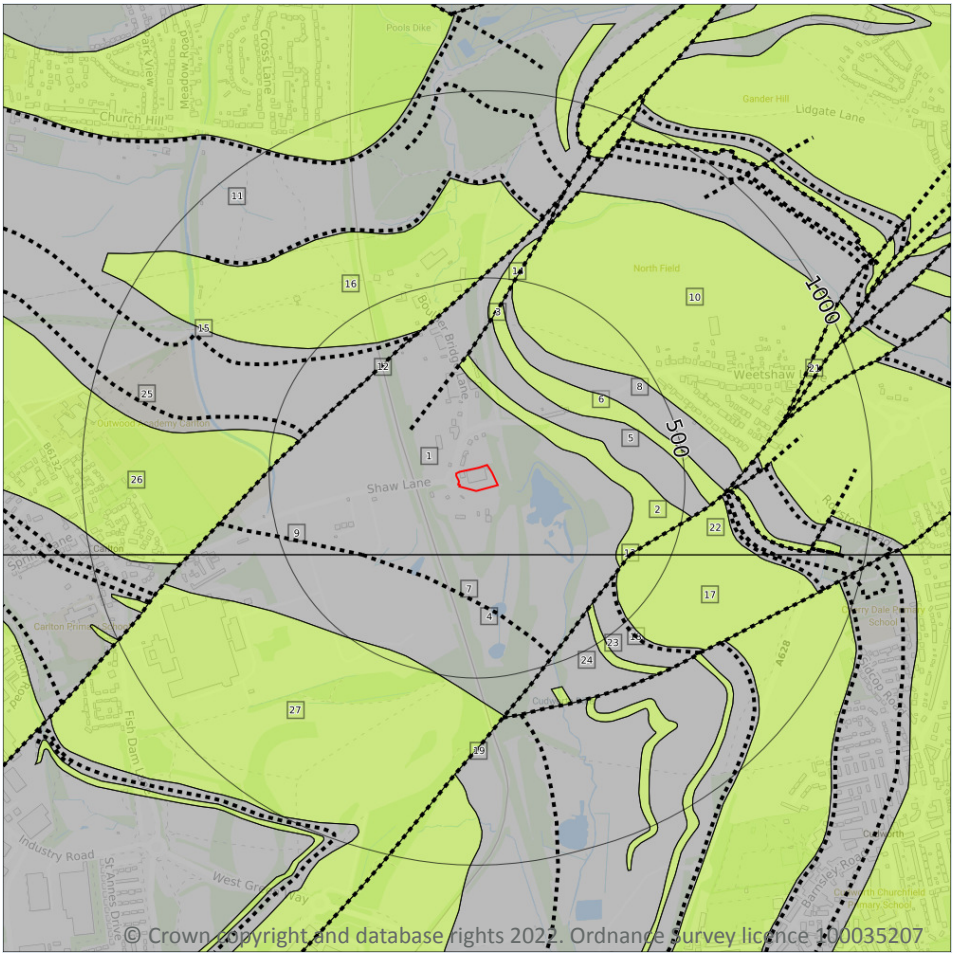
14.4 Landslip (10k)

Records within 500m	**0**

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

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m	18

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 106**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**PMCM-MDSS**	**Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone**	**Bolsovian Sub-age - Duckmantian Sub-age**
2	150m NE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age

ID	Location	LEX Code	Description	Rock age
4	171m S	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
5	180m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
6	238m NE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
8	288m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
10	342m NE	GH-SDST	Glass Houghton Rock - Sandstone	Bolsovian Sub-age
11	346m NW	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
13	366m SE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
14	383m N	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
16	392m N	ACR-SDST	Ackton Rock - Sandstone	Bolsovian Sub-age
17	393m SE	GH-SDST	Glass Houghton Rock - Sandstone	Bolsovian Sub-age
18	393m SE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
22	400m SE	GH-SDST	Glass Houghton Rock - Sandstone	Bolsovian Sub-age
23	404m SE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
24	410m SE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
26	429m W	OR-SDST	Oaks Rock - Sandstone	Duckmantian Sub-age
27	474m S	OR-SDST	Oaks Rock - Sandstone	Duckmantian Sub-age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m	**9**

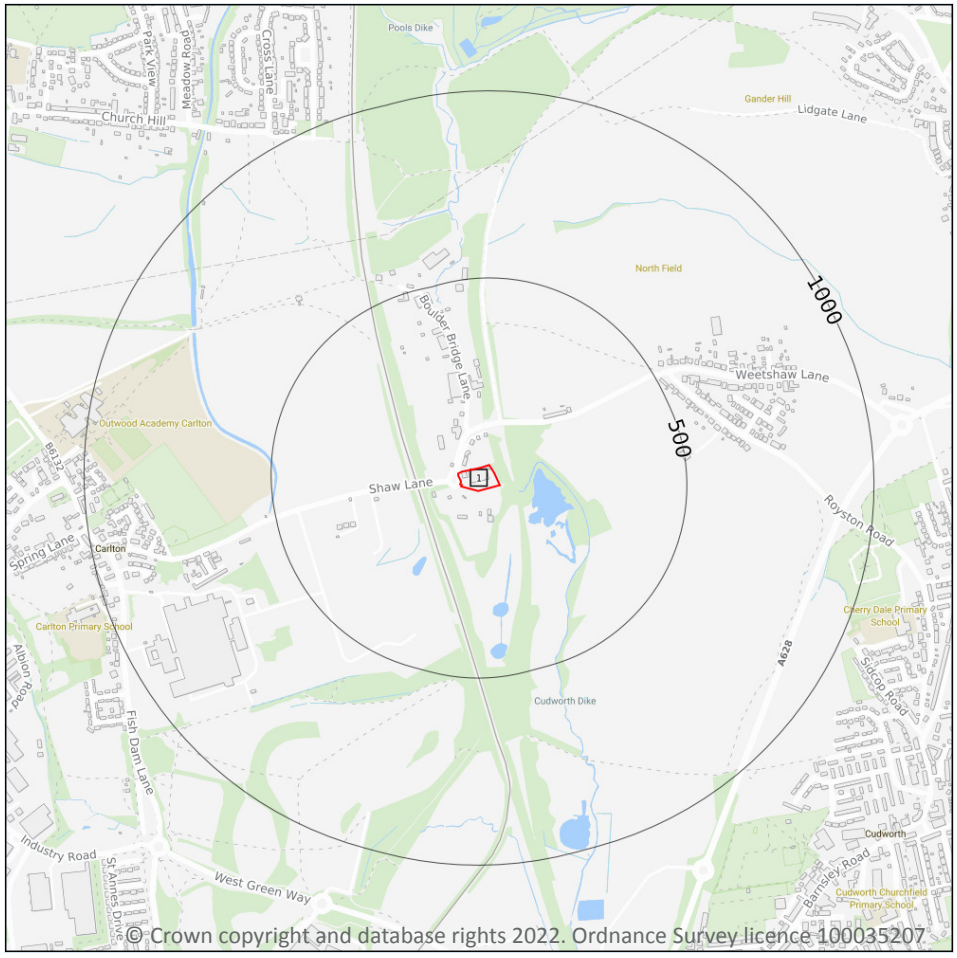
Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 106**

ID	Location	Category	Description
3	169m NW	FAULT	Normal fault, inferred
7	258m S	FOSSIL_HORIZON	Fossil horizon, marine band
9	317m SW	FOSSIL_HORIZON	Fossil horizon, marine band
12	346m NW	FAULT	Normal fault, inferred
15	383m N	ROCK	Coal seam, inferred
19	393m SE	FAULT	Normal fault, inferred
20	394m SE	ROCK	Coal seam, inferred
21	400m SE	FAULT	Normal fault, inferred
25	417m W	FOSSIL_HORIZON	Fossil horizon, marine band

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m	1

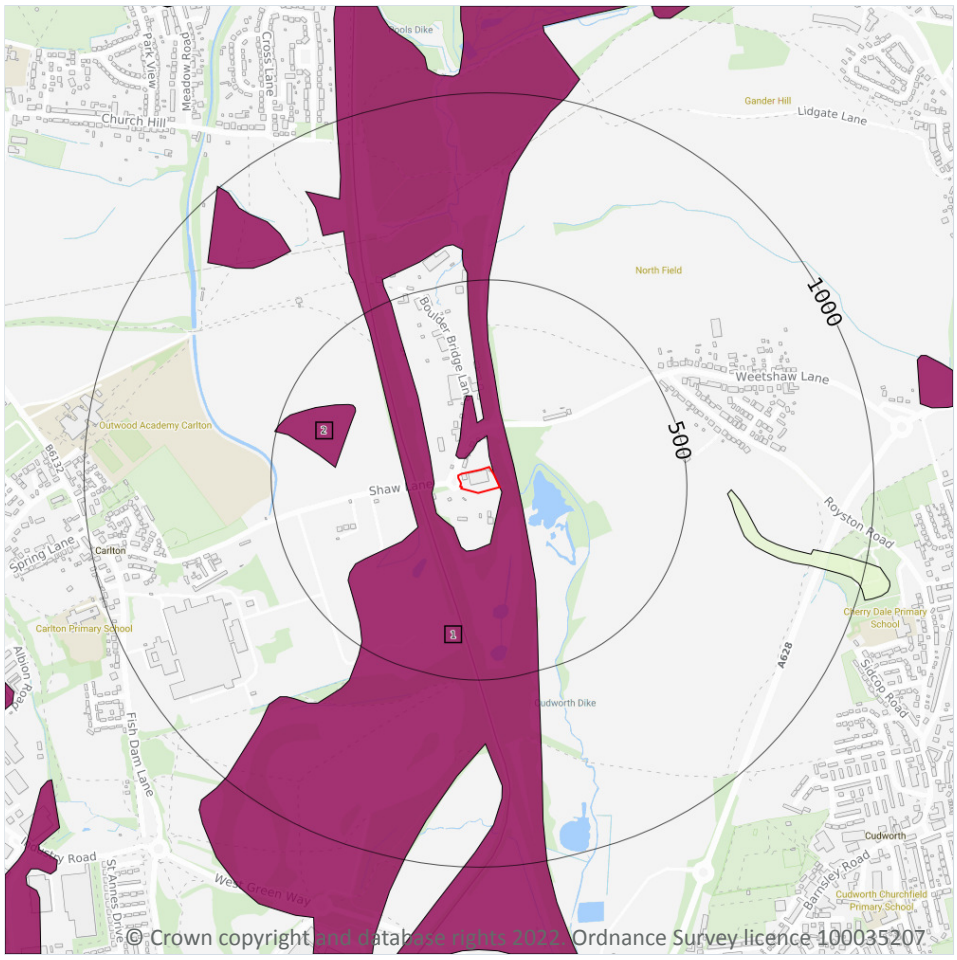
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 109**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**No coverage**	**Full**	**Full**	**Full**	**EW087_barnsley_v4**

This data is sourced from the British Geological Survey.

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



15.2 Artificial and made ground (50k)

Records within 500m	2

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 110**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**MADE GROUND (UNDIVIDED)**	**ARTIFICIAL DEPOSIT**
2	317m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

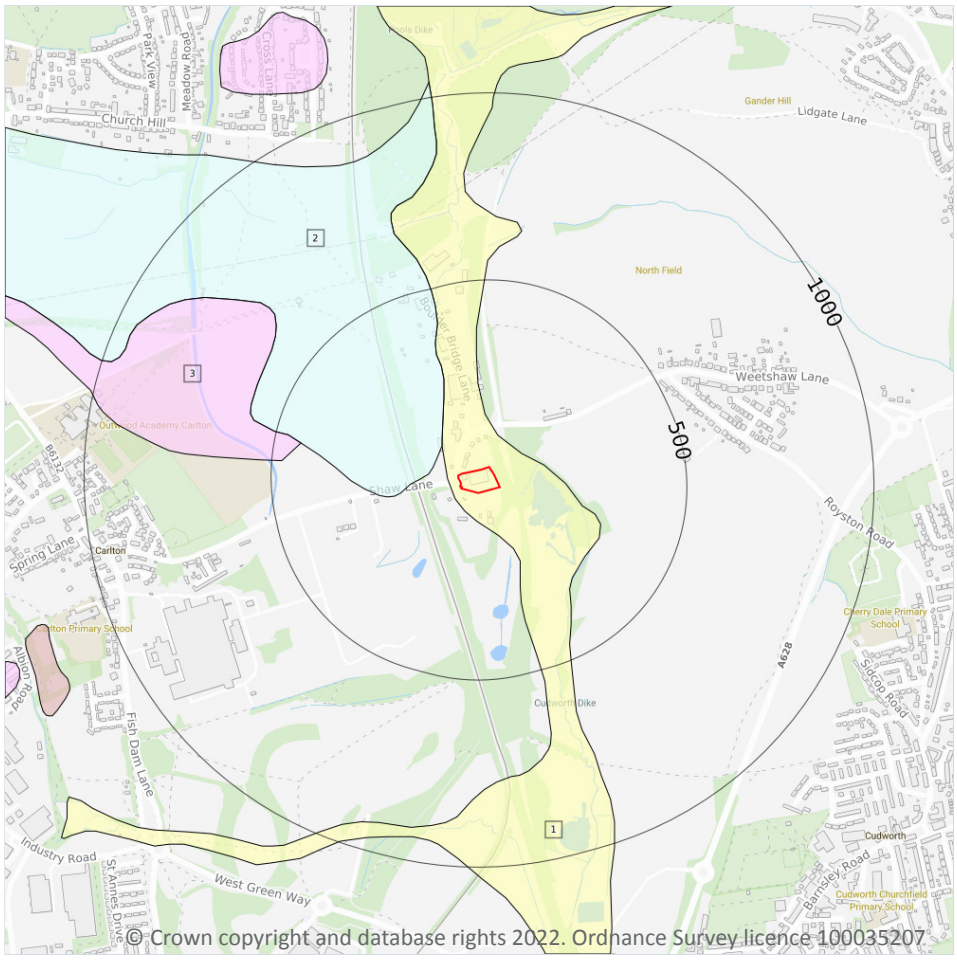
Records within 50m	1

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
On site	**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	3

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 112**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
2	70m NW	TILMP-DMTN	TILL, MID PLEISTOCENE	DIAMICTON
3	429m W	GFDMP-XSV	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	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.

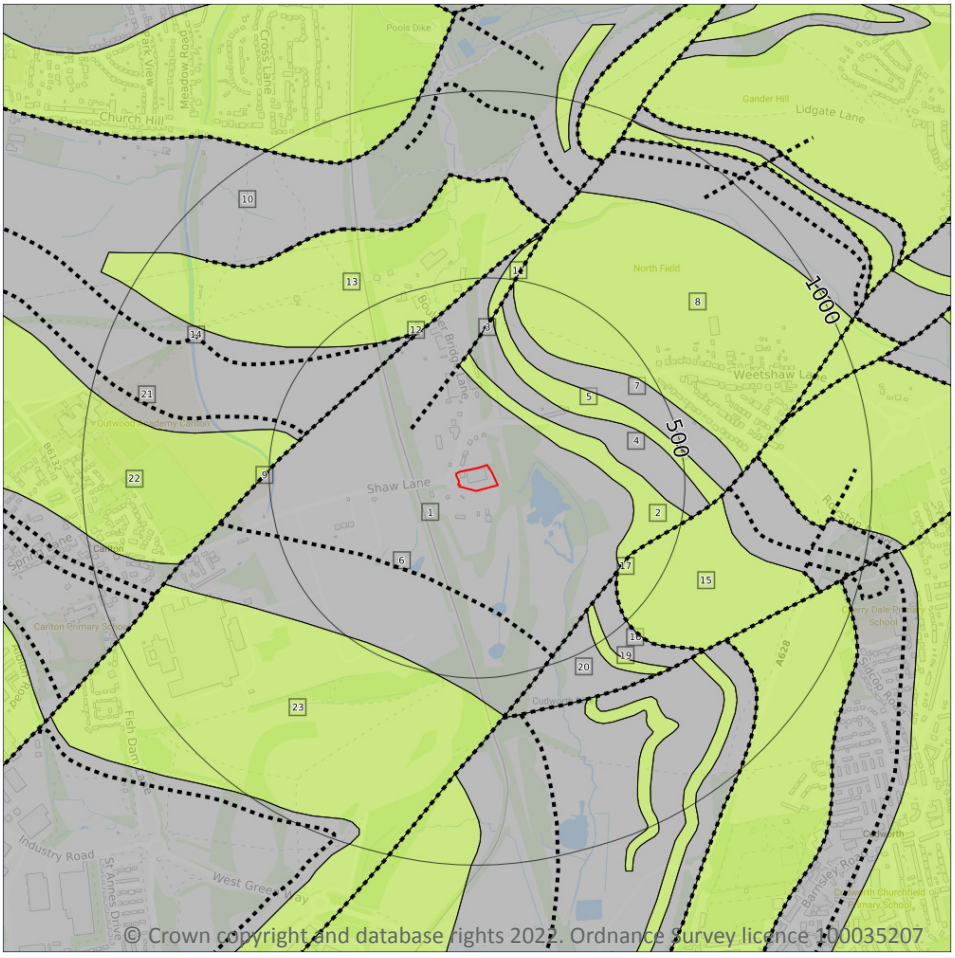
15.7 Landslip permeability (50k)

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	15

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 114**

ID	Location	LEX Code	Description	Rock age
1	**On site**	**PMCM-MDSS**	**PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE**	**WESTPHALIAN**
2	152m NE	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN

ID	Location	LEX Code	Description	Rock age
4	183m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
5	236m NE	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
7	289m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
8	341m NE	GH-SDST	GLASS HOUGHTON ROCK - SANDSTONE	WESTPHALIAN
10	346m NW	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
11	381m N	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
13	387m N	ACR-SDST	ACKTON ROCK - SANDSTONE	WESTPHALIAN
15	394m SE	GH-SDST	GLASS HOUGHTON ROCK - SANDSTONE	WESTPHALIAN
16	394m SE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
19	404m SE	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
20	410m SE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
22	429m W	OR-SDST	OAKS ROCK - SANDSTONE	WESTPHALIAN
23	479m S	OR-SDST	OAKS ROCK - SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**1**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Moderate**	**Low**

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**8**

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 114**

ID	Location	Category	Description
3	168m NW	FAULT	Fault, inferred
6	258m S	FOSSIL_HORIZON	Marine band
9	346m NW	FAULT	Fault, inferred
12	387m N	ROCK	Coal seam, inferred
14	393m NW	ROCK	Coal seam, inferred
17	394m SE	FAULT	Fault, inferred
18	394m SE	ROCK	Coal seam, inferred
21	417m W	FOSSIL_HORIZON	Marine band

This data is sourced from the British Geological Survey.

16 Boreholes

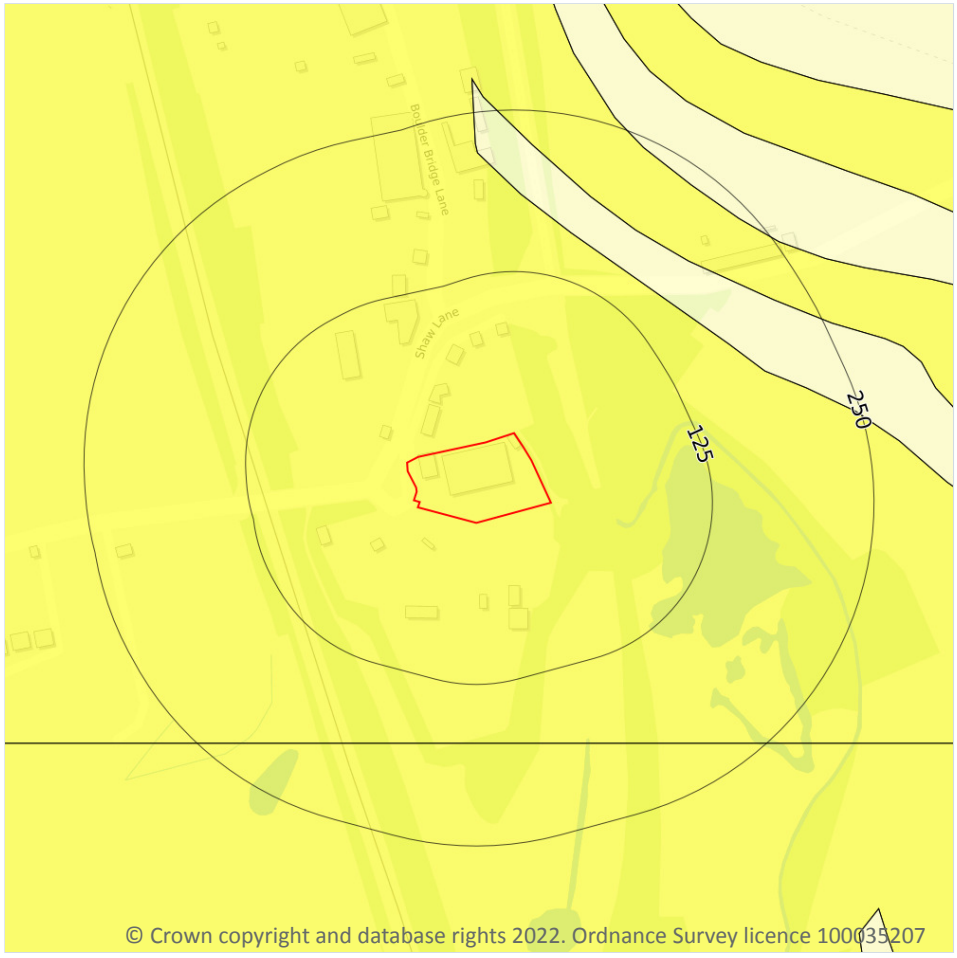
16.1 BGS Boreholes

Records within 250m	0

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

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

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

17.1 Shrink swell clays

Records within 50m	1

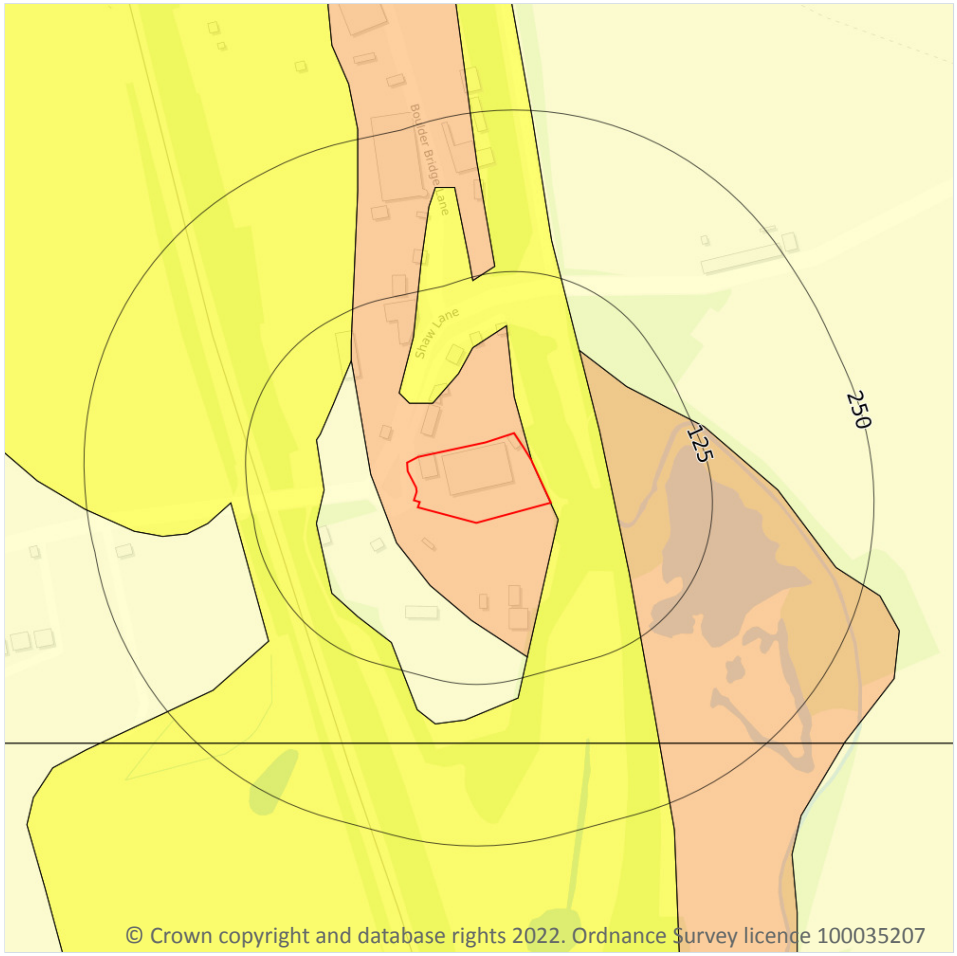
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 118**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

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

17.2 Running sands

Records within 50m	4

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

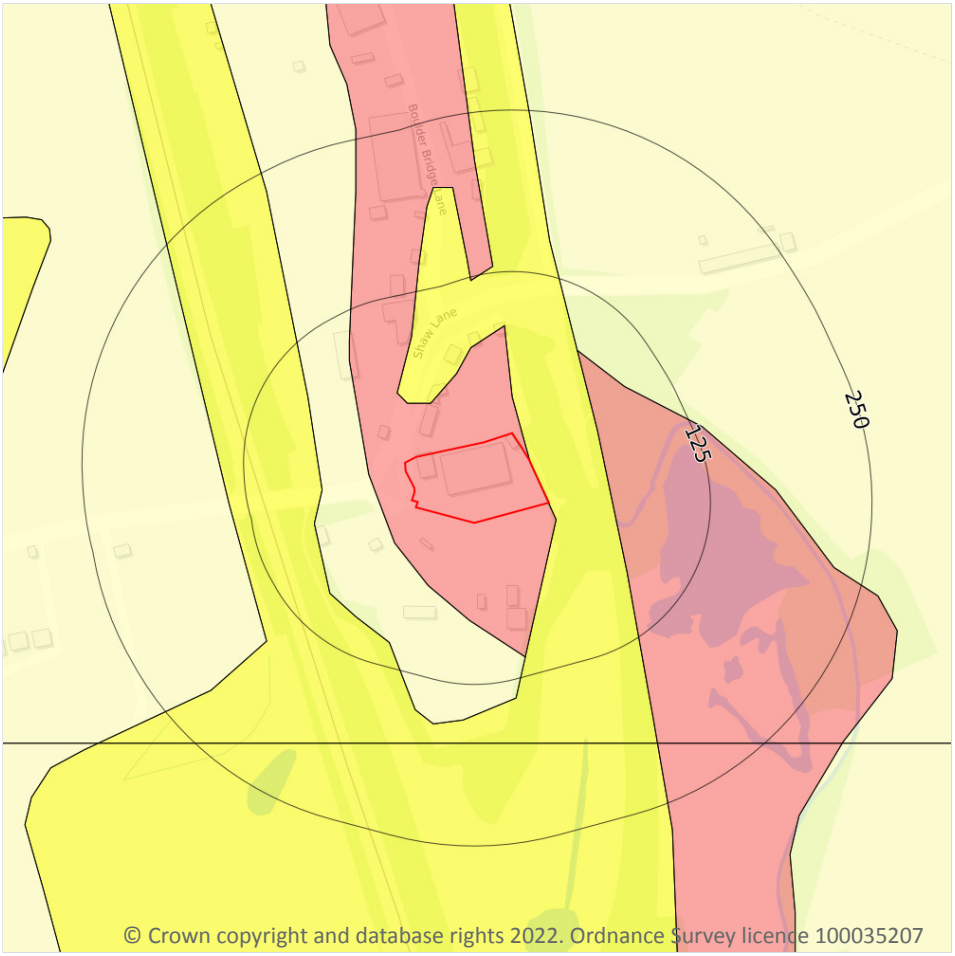
Features are displayed on the Natural ground subsidence - Running sands map on **page 119**

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

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.**
24m W	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
48m E	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

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

17.3 Compressible deposits

Records within 50m	4

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.

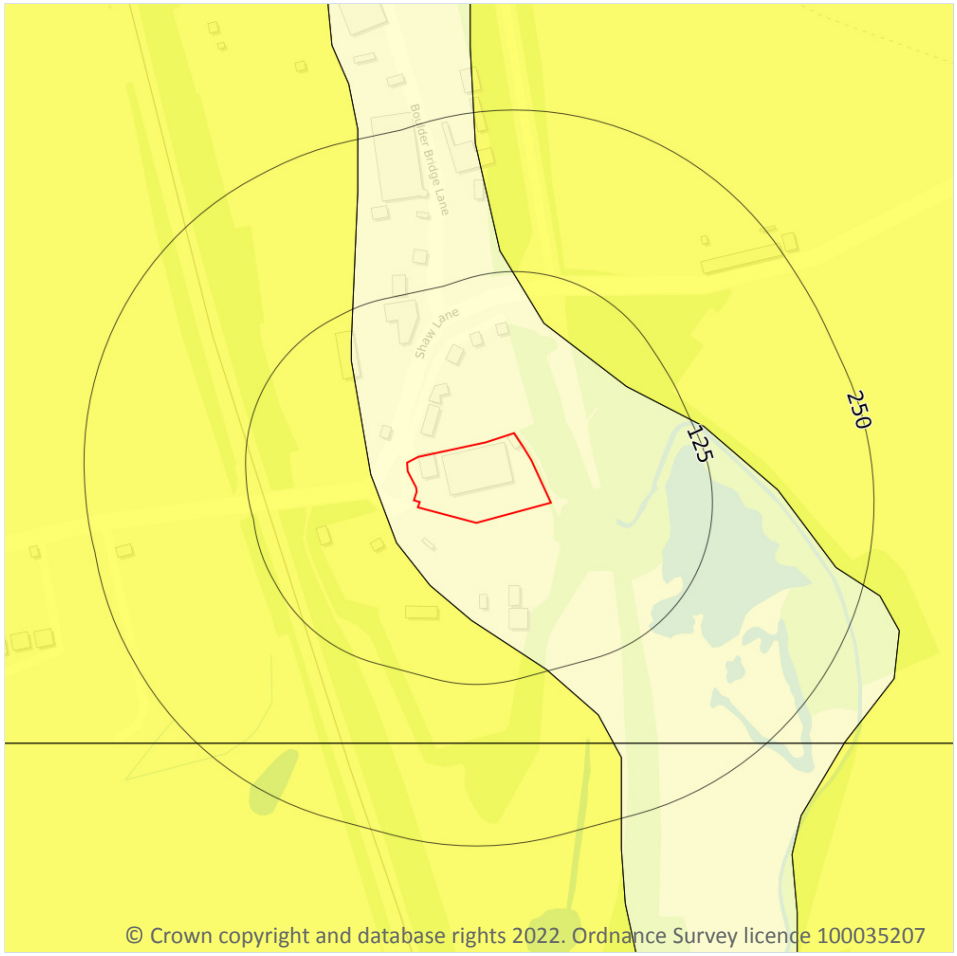
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 121**

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

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.**
24m W	Negligible	Compressible strata are not thought to occur.
48m E	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

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

17.4 Collapsible deposits

Records within 50m	2

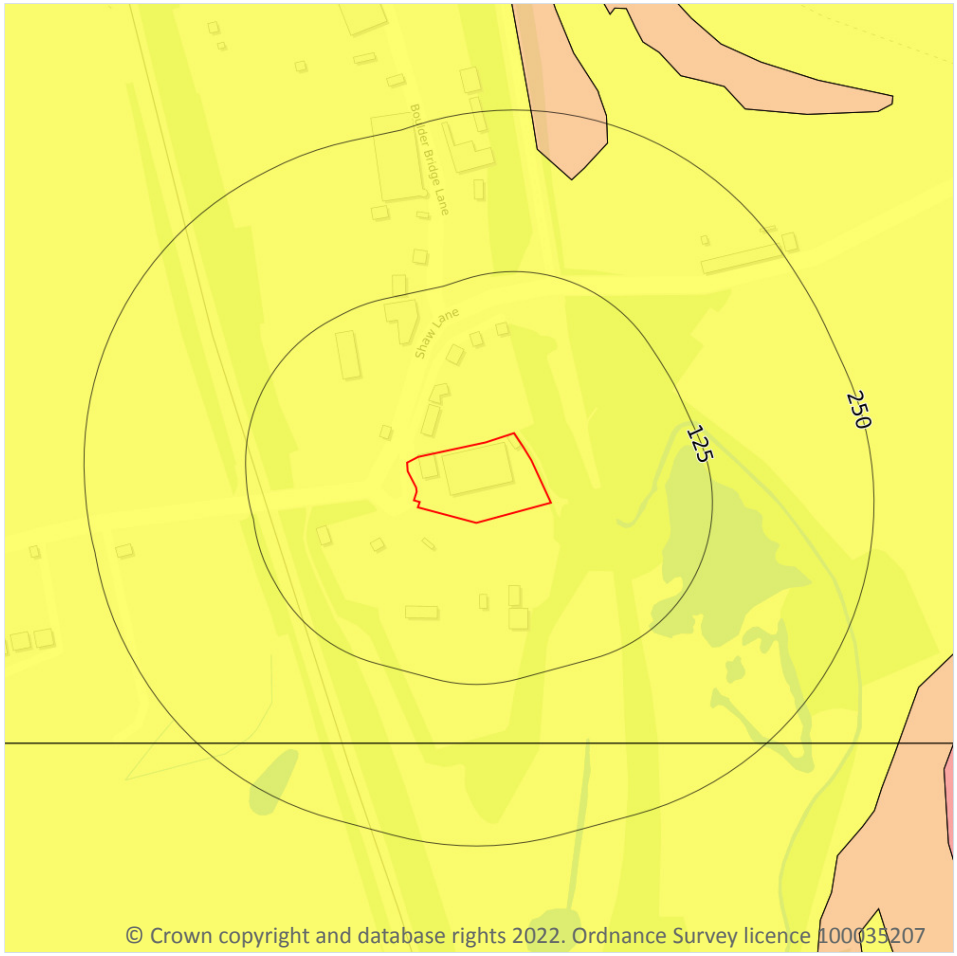
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 123**

Location	Hazard rating	Details
On site	**Negligible**	**Deposits with potential to collapse when loaded and saturated are believed not to be present.**
24m W	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	1

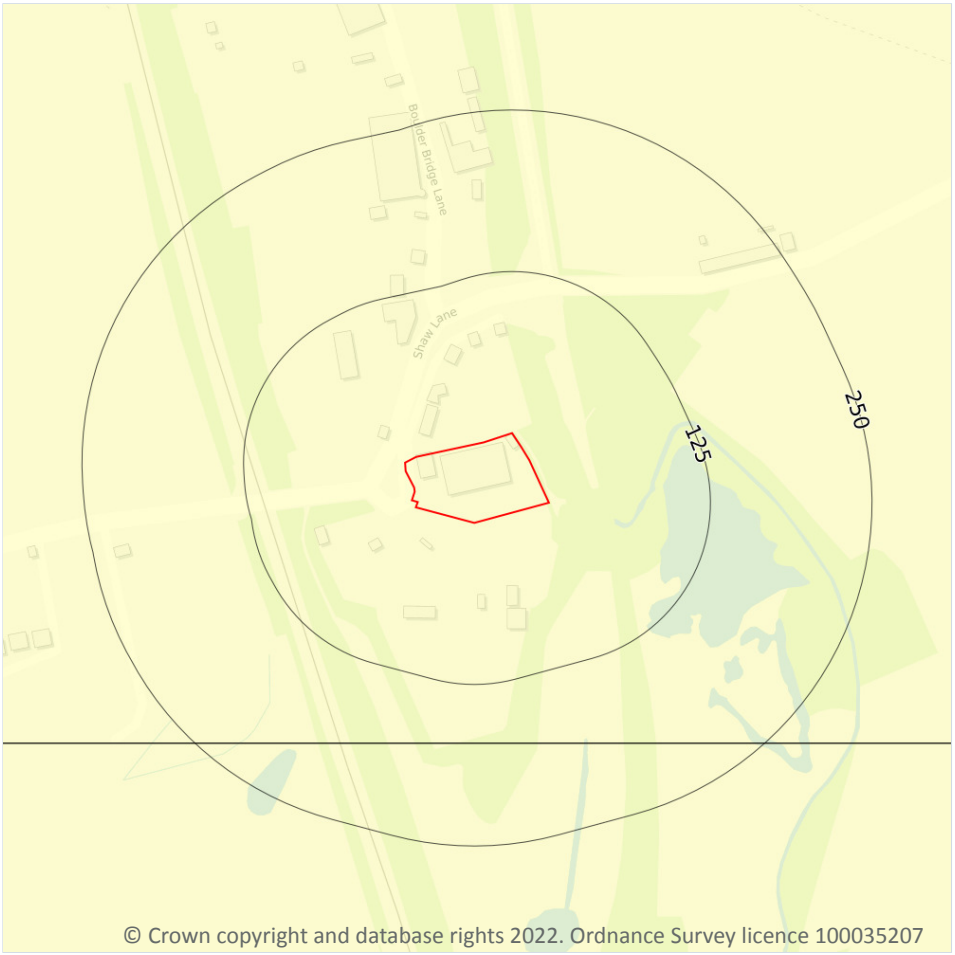
The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

Features are displayed on the Natural ground subsidence - Landslides map on **page 124**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

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

17.6 Ground dissolution of soluble rocks

Records within 50m	1

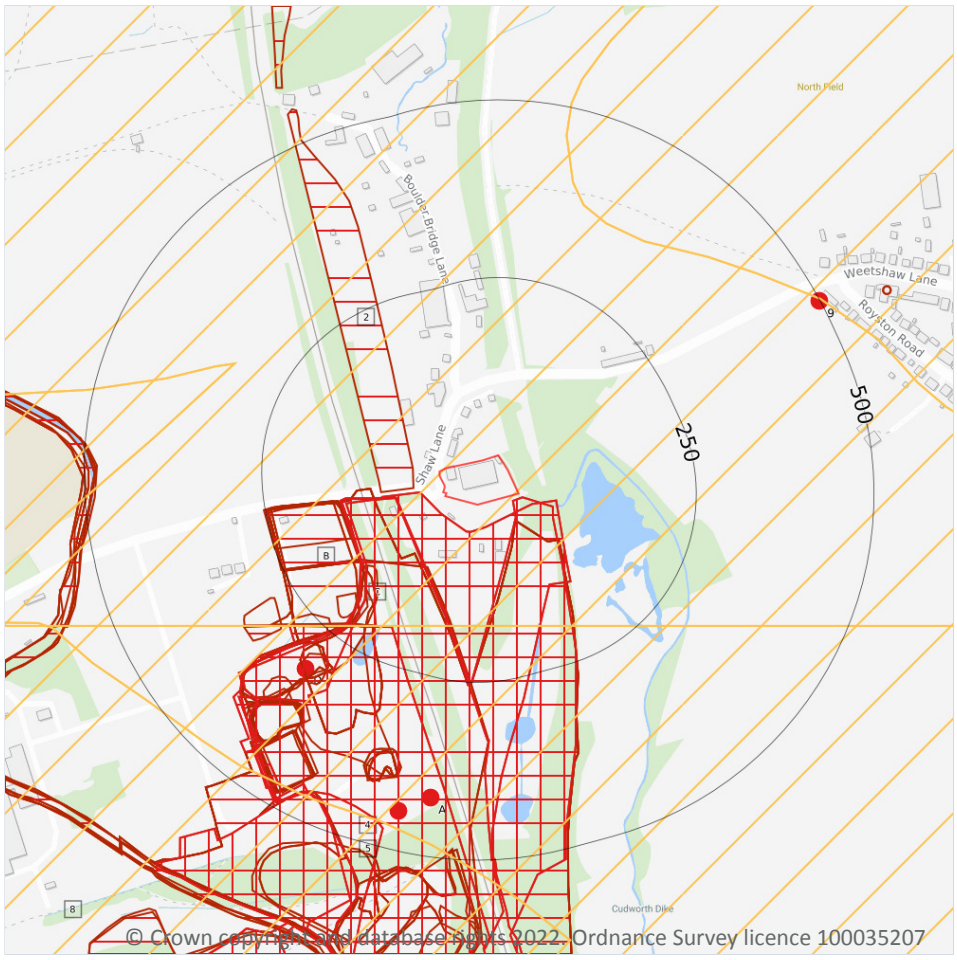
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 125**

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 Stantec UK Ltd.

18.2 BritPits

Records within 500m	**4**

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 127**

ID	Location	Details	Description
D	312m SW	Name: Carlton Main Colliery Clay Pit Address: Carlton, BARNSLEY, South Yorkshire Commodity: Clay & Shale Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site 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
A	417m S	Name: Carlton Main Colliery, No. 1 Shaft Address: Carlton, BARNSLEY, South Yorkshire Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) 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
A	444m S	Name: Carlton Main Colliery, No. 2 Shaft Address: Carlton, BARNSLEY, South Yorkshire Commodity: Coal, Deep Status: Ceased	Type: Working is wholly underground, access by shaft, adit or drift. Working may be termed Colliery, Mine, Drift Mine, Slant, Level, Adit or Ingoing Eye (Ingaun Ee - Scots) 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
9	499m NE	Name: North Field Address: Shafton, BARNSLEY, South Yorkshire Commodity: Sandstone Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site 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	32

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 127**

ID	Location	Land Use	Year of mapping	Mapping scale
A	7m S	Colliery	1948	1:10560
A	22m SE	Colliery	1891	1:10560
A	35m S	Colliery	1930	1:10560
A	35m S	Colliery	1930	1:10560
A	35m S	Colliery	1930	1:10560
A	35m S	Colliery	1930	1:10560
2	37m W	Unspecified Ground Workings	1978	1:10000
A	65m SW	Colliery	1904	1:10560
A	103m S	Colliery	1938	1:10560
A	103m S	Colliery	1938	1:10560
B	138m W	Sewage Works	1951	1:10560
B	140m W	Sewage Works	1938	1:10560
B	140m W	Sewage Works	1938	1:10560
B	141m W	Sewage Works	1930	1:10560
B	141m W	Sewage Works	1930	1:10560
B	141m W	Sewage Works	1930	1:10560
B	141m W	Sewage Works	1930	1:10560
C	141m SW	Refuse Heap	1966	1:10560
B	143m W	Sewage Works	1948	1:10560
B	144m W	Sewage Works	1904	1:10560
D	150m SW	Refuse Heap	1938	1:10560
D	150m SW	Refuse Heap	1938	1:10560
B	151m W	Sewage Works	1989	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
B	151m W	Sewage Works	1978	1:10000
C	172m SW	Refuse Heap	1989	1:10000
C	186m SW	Pond	1966	1:10560
4	199m S	Colliery	1951	1:10560
D	209m SW	Unspecified Disused Tip	1992	1:10000
D	209m SW	Unspecified Disused Tip	1982	1:10000
D	209m SW	Unspecified Disused Tip	1974	1:10000
D	209m SW	Refuse Heap	1966	1:10560
D	216m SW	Refuse Heap	1951	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	**8**

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 127**

ID	Location	Land Use	Year of mapping	Mapping scale
A	7m S	Colliery	1948	1:10560
A	22m SE	Colliery	1891	1:10560
A	65m SW	Colliery	1904	1:10560
5	199m S	Colliery	1951	1:10560
A	415m S	Unspecified Disused Shafts	1992	1:10000
A	415m S	Unspecified Disused Shafts	1982	1:10000
A	436m S	Unspecified Disused Shafts	1992	1:10000
A	436m S	Unspecified Disused Shafts	1982	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

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

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	7

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 127**

ID	Location	Name	Commodity	Class	Likelihood
1	**On site**	**Not available**	**Iron Ore (Bedded)**	**B**	**Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered**
3	171m S	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
6	326m NW	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
7	360m NE	Sheffield Area	Iron Ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
8	463m S	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered
-	798m W	Not available	Iron Ore (Bedded)	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

ID	Location	Name	Commodity	Class	Likelihood
-	914m S	Sheffield Area	Vein Mineral/Iron ore	B	Localised small scale underground mining may have occurred. Potential for difficult ground conditions are unlikely or localised and are at a level where they need not be considered

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	**0**

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

This data is sourced from Stantec UK Ltd.

18.8 JPB mining areas

Records on site	**0**

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

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	**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 Groundsure.

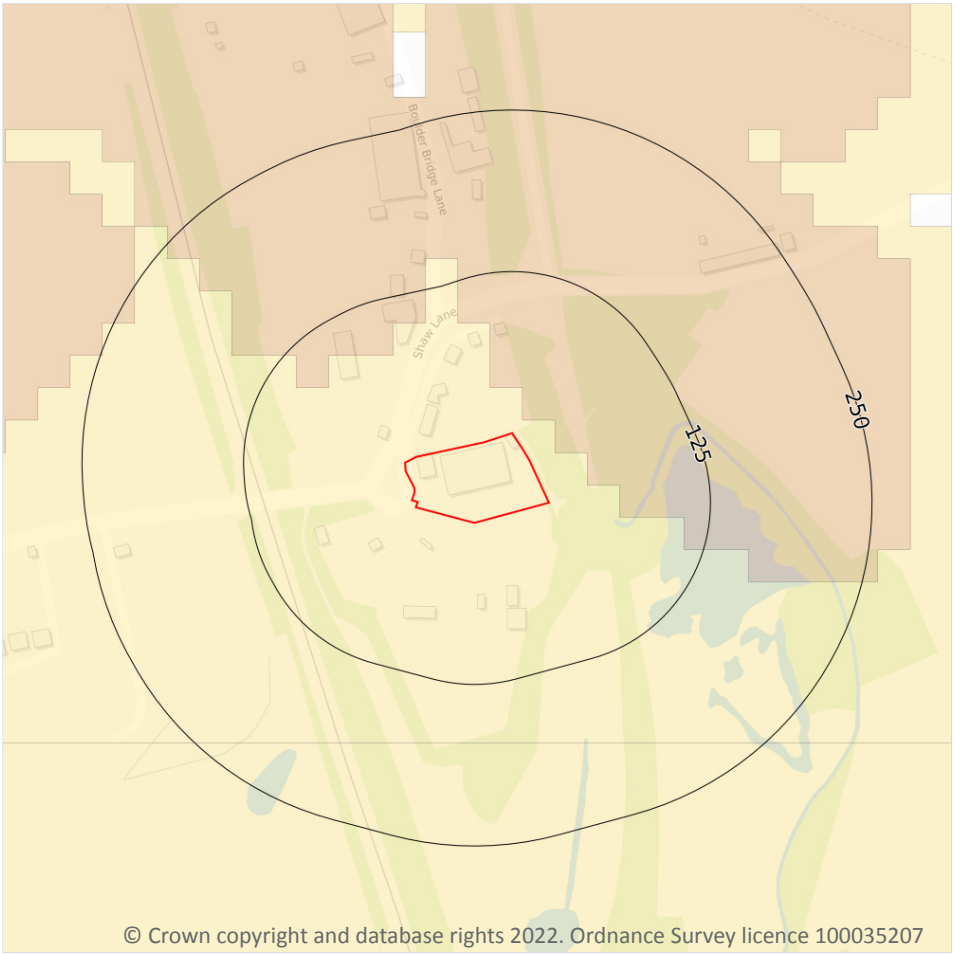
18.13 Clay mining

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 134**

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

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

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	2

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

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
17m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

20.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

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

This data is sourced from the British Geological Survey.

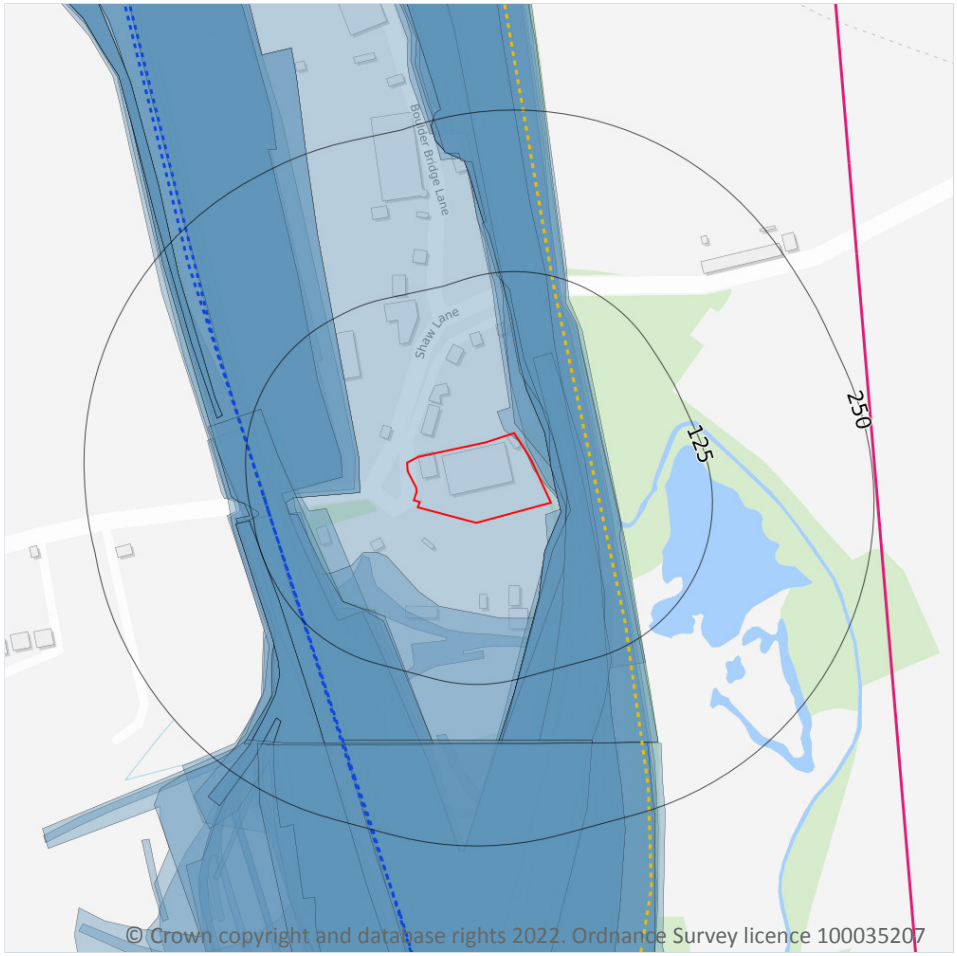
20.3 BGS Measured Urban Soil Chemistry

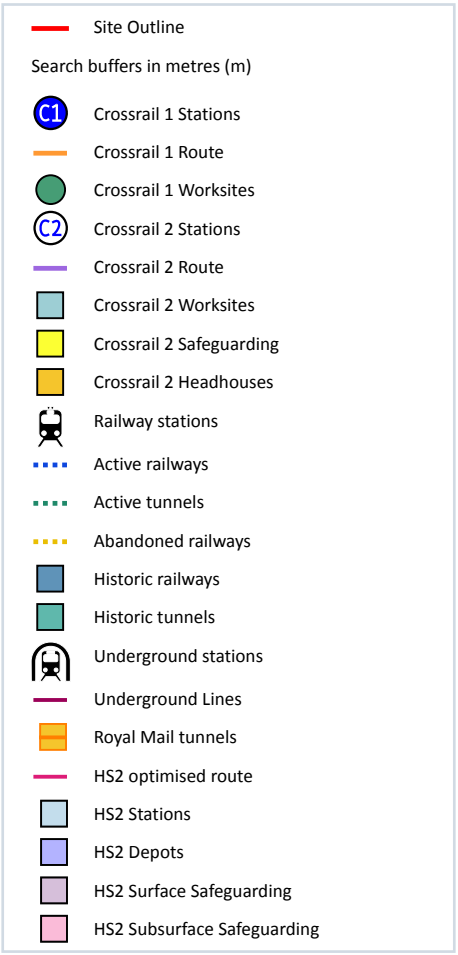
Records within 50m	0

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

This data is sourced from the British Geological Survey.

21 Railway infrastructure and projects





21.1 Underground railways (London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

21.2 Underground railways (Non-London)

Records within 250m	0

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

This data is sourced from publicly available information by Groundsure.

21.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

21.4 Historical railway and tunnel features

Records within 250m	30

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

Features are displayed on the Railway infrastructure and projects map on **page 136**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1948**	**10560**
On site	**Railway Sidings**	**1904**	**10560**
3m NE	Railway Sidings	1938	10560
5m NE	Railway Sidings	1891	10560
6m E	Railway Sidings	1930	10560
10m E	Railway Sidings	1966	10560
10m E	Railway Sidings	1913	2500
12m E	Railway Sidings	1978	10000
13m E	Railway Sidings	1981	2500
13m E	Railway Sidings	1951	10560
15m E	Railway Sidings	1979	2500
16m NE	Railway Sidings	1906	2500
16m NE	Railway Sidings	1893	2500
17m E	Railway Sidings	1961	2500
37m W	Railway Sidings	1966	10560
37m W	Railway Sidings	1951	10560
49m W	Railway Sidings	1961	2500

Location	Land Use	Year of mapping	Mapping scale
54m SW	Railway Sidings	1893	2500
82m SW	Railway Sidings	1978	10000
92m SW	Railway Sidings	1981	2500
94m SW	Railway Sidings	1979	2500
125m W	Railway Sidings	1930	10560
148m W	Railway Sidings	1930	10560
168m S	Railway Sidings	1982	10000
168m S	Railway Sidings	1974	10000
170m S	Railway Sidings	1966	10560
171m S	Railway Sidings	1951	10560
177m S	Railway Sidings	1961	2500
194m S	Railway Sidings	1961	2500
213m SW	Railway Sidings	1961	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	1

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

Features are displayed on the Railway infrastructure and projects map on **page 136**

Location	Description
37m E	Abandoned

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	**6**

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

Features are displayed on the Railway infrastructure and projects map on **page 136**

Location	Name	Type
110m W	Tapton Junction to Colne Line	rail
110m W	Not given	Single Track
112m W	Tapton Junction to Colne Line	rail
113m W	Tapton Junction to Colne Line	rail
208m S	Not given	Single Track
214m S	Tapton Junction to Colne Line	rail

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	4

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.

Features are displayed on the Railway infrastructure and projects map on **page 136**

Location	Track Type	Speed (mph)	Speed (km/h)	Status
252m E	Surface Running Track	224mph	360kph	Section is scheduled for cancellation
298m NE	Surface Running Track	224mph	360kph	Section is scheduled for cancellation
333m NE	Surface Running Track	224mph	360kph	Section is scheduled for cancellation
438m SE	Surface Running Track	224mph	360kph	Section is scheduled for cancellation

This data is sourced from HS2 ltd.

Data providers

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

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