Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

Wilshee's, Burton Road, Swadlincote, DE11 9EL,

Order Details

Date: 07/08/2020

Your ref: EMS_626310_833860

Our Ref: EMS-626310_833860

Client: emapsite

Site Details

Location: 426925 318989

Area: 1.99 ha

Authority: South Derbyshire District Council

Summary of findings p. 2

OS MasterMap site plan p.13

Aerial image p. 8

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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	2	0	17	22	-
16	1.2	Historical tanks	0	0	3	2	-
17	1.3	Historical energy features	0	0	0	5	-
17	1.4	Historical petrol stations	0	0	0	0	-
17	1.5	Historical garages	0	0	0	3	-
18	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped	On site	0-50m	50-250m	250-500m	500-2000m
19	2.1	Historical industrial land uses	2	0	21	24	-
21	2.2	Historical tanks	0	0	3	2	-
22	2.3	Historical energy features	0	0	0	7	-
22	2.4	Historical petrol stations	0	0	0	0	-
23	2.5	Historical garages	0	0	0	3	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
24	3.1	Active or recent landfill	0	0	0	0	-
24	3.2	Historical landfill (BGS records)	0	0	0	0	-
25	3.3	Historical landfill (LA/mapping records)	0	0	0	3	-
25	3.4	Historical landfill (EA/NRW records)	0	0	0	2	-
26	3.5	Historical waste sites	0	0	1	0	-
26	3.6	Licensed waste sites	0	0	2	1	-
27	3.7	Waste exemptions	0	0	15	47	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
33	4.1	Recent industrial land uses	0	0	1	-	-
34	4.2	Current or recent petrol stations	0	0	0	0	-
34	4.3	Electricity cables	0	0	0	0	-
34	4.4	Gas pipelines	0	0	0	0	-
34	4.5	Sites determined as Contaminated Land	0	0	0	0	-

34	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
35	4.7	Regulated explosive sites	0	0	0	0	-
35	4.8	Hazardous substance storage/usage	0	0	0	0	-
35	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
35	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
35	4.11	Licensed pollutant release (Part A(2)/B)	0	0	0	0	-
36	4.12	Radioactive Substance Authorisations	0	0	0	0	-
36	**4.13**	**Licensed Discharges to controlled waters**	0	0	2	25	-
40	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
40	4.15	Pollutant release to public sewer	0	0	0	0	-
41	**4.16**	**List 1 Dangerous Substances**	0	0	6	0	-
41	**4.17**	**List 2 Dangerous Substances**	1	0	3	1	-
42	**4.18**	**Pollution Incidents (EA/NRW)**	0	0	0	1	-
42	4.19	Pollution inventory substances	0	0	0	0	-
42	4.20	Pollution inventory waste transfers	0	0	0	0	-
43	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m
44	**5.1**	**Superficial aquifer**	Identified (within 500m)				
46	**5.2**	**Bedrock aquifer**	Identified (within 500m)				
48	**5.3**	**Groundwater vulnerability**	Identified (within 50m)				
50	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
50	5.5	Groundwater vulnerability- local information	None (within 0m)				
51	**5.6**	**Groundwater abstractions**	0	0	0	0	3
52	**5.7**	**Surface water abstractions**	0	0	1	0	5
54	5.8	Potable abstractions	0	0	0	0	0
54	5.9	Source Protection Zones	0	0	0	0	-
54	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
55	**6.1**	**Water Network (OS MasterMap)**	2	1	3	-	-

56	6.2	Surface water features	1	3	4	-	-
56	6.3	WFD Surface water body catchments	1	-	-	-	-
57	6.4	WFD Surface water bodies	1	0	0	-	-
57	6.5	WFD Groundwater bodies	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
58	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	High (within 50m)				
59	7.2	Historical Flood Events	0	0	0	-	-
59	7.3	Flood Defences	0	0	0	-	-
59	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
59	7.5	Flood Storage Areas	0	0	0	-	-
60	7.6	Flood Zone 2	Identified (within 50m)				
61	7.7	Flood Zone 3	Identified (within 50m)				
Page	Section	Surface water flooding					
62	8.1	Surface water flooding	1 in 30 year, Greater than 1.0m (within 50m)				
Page	Section	Groundwater flooding					
64	9.1	Groundwater flooding	High (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
65	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
66	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
66	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
66	10.4	Special Protection Areas (SPA)	0	0	0	0	0
66	10.5	National Nature Reserves (NNR)	0	0	0	0	0
67	10.6	Local Nature Reserves (LNR)	0	0	0	0	1
67	10.7	Designated Ancient Woodland	0	0	0	0	1
67	10.8	Biosphere Reserves	0	0	0	0	0
68	10.9	Forest Parks	0	0	0	0	0
68	10.10	Marine Conservation Zones	0	0	0	0	0
68	10.11	Green Belt	0	0	1	0	1
68	10.12	Proposed Ramsar sites	0	0	0	0	0

69	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
69	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
69	10.15	Nitrate Sensitive Areas	0	0	0	0	0
69	**10.16**	**Nitrate Vulnerable Zones**	2	0	0	0	0
71	**10.17**	**SSSI Impact Risk Zones**	1	-	-	-	-
72	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
73	11.1	World Heritage Sites	0	0	0	-	-
73	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
73	11.3	National Parks	0	0	0	-	-
73	11.4	Listed Buildings	0	0	0	-	-
74	11.5	Conservation Areas	0	0	0	-	-
74	11.6	Scheduled Ancient Monuments	0	0	0	-	-
74	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
75	**12.1**	**Agricultural Land Classification**	Grade 3 (within 250m)				
76	12.2	Open Access Land	0	0	0	-	-
76	12.3	Tree Felling Licences	0	0	0	-	-
76	12.4	Environmental Stewardship Schemes	0	0	0	-	-
77	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
78	**13.1**	**Priority Habitat Inventory**	1	2	2	-	-
79	13.2	Habitat Networks	0	0	0	-	-
79	13.3	Open Mosaic Habitat	0	0	0	-	-
79	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
80	**14.1**	**10k Availability**	Identified (within 500m)				
81	**14.2**	**Artificial and made ground (10k)**	1	0	4	9	-
83	**14.3**	**Superficial geology (10k)**	2	0	3	0	-

84	14.4	Landslip (10k)	0	0	0	0	-
85	14.5	Bedrock geology (10k)	4	1	5	3	-
86	14.6	Bedrock faults and other linear features (10k)	2	1	0	6	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
88	15.1	50k Availability	Identified (within 500m)				
89	15.2	Artificial and made ground (50k)	0	0	1	1	-
90	15.3	Artificial ground permeability (50k)	0	0	-	-	-
91	15.4	Superficial geology (50k)	2	0	3	0	-
92	15.5	Superficial permeability (50k)	Identified (within 50m)				
92	15.6	Landslip (50k)	0	0	0	0	-
92	15.7	Landslip permeability (50k)	None (within 50m)				
93	15.8	Bedrock geology (50k)	4	1	5	2	-
94	15.9	Bedrock permeability (50k)	Identified (within 50m)				
94	15.10	Bedrock faults and other linear features (50k)	2	1	0	3	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
96	16.1	BGS Boreholes	1	4	14	-	-
Page	Section	Natural ground subsidence					
98	17.1	Shrink swell clays	Very low (within 50m)				
99	17.2	Running sands	Low (within 50m)				
101	17.3	Compressible deposits	Moderate (within 50m)				
103	17.4	Collapsible deposits	Very low (within 50m)				
104	17.5	Landslides	Low (within 50m)				
106	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
108	18.1	Natural cavities	0	0	0	0	-
109	18.2	BritPits	0	0	0	1	-
109	18.3	Surface ground workings	0	1	21	-	-
110	18.4	Underground workings	0	0	0	2	17
111	18.5	Historical Mineral Planning Areas	0	0	0	1	-

111	**18.6**	**Non-coal mining**	0	0	1	0	1
112	18.7	Mining cavities	0	0	0	0	0
112	**18.8**	**JPB mining areas**	Identified (within 0m)				
112	**18.9**	**Coal mining**	Identified (within 0m)				
113	18.10	Brine areas	None (within 0m)				
113	18.11	Gypsum areas	None (within 0m)				
113	18.12	Tin mining	None (within 0m)				
113	18.13	Clay mining	None (within 0m)				

Page	Section	Radon	
114	**19.1**	**Radon**	Less than 1% (within 0m)

Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
115	**20.1**	**BGS Estimated Background Soil Chemistry**	16	4	-	-	-
116	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
116	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
117	21.1	Underground railways (London)	0	0	0	-	-
117	21.2	Underground railways (Non-London)	0	0	0	-	-
118	21.3	Railway tunnels	0	0	0	-	-
118	**21.4**	**Historical railway and tunnel features**	2	1	3	-	-
118	21.5	Royal Mail tunnels	0	0	0	-	-
119	**21.6**	**Historical railways**	0	1	2	-	-
119	**21.7**	**Railways**	0	0	7	-	-
120	21.8	Crossrail 1	0	0	0	0	-
120	21.9	Crossrail 2	0	0	0	0	-
120	21.10	HS2	0	0	0	0	-

Recent aerial photograph

Capture Date: 20/04/2019

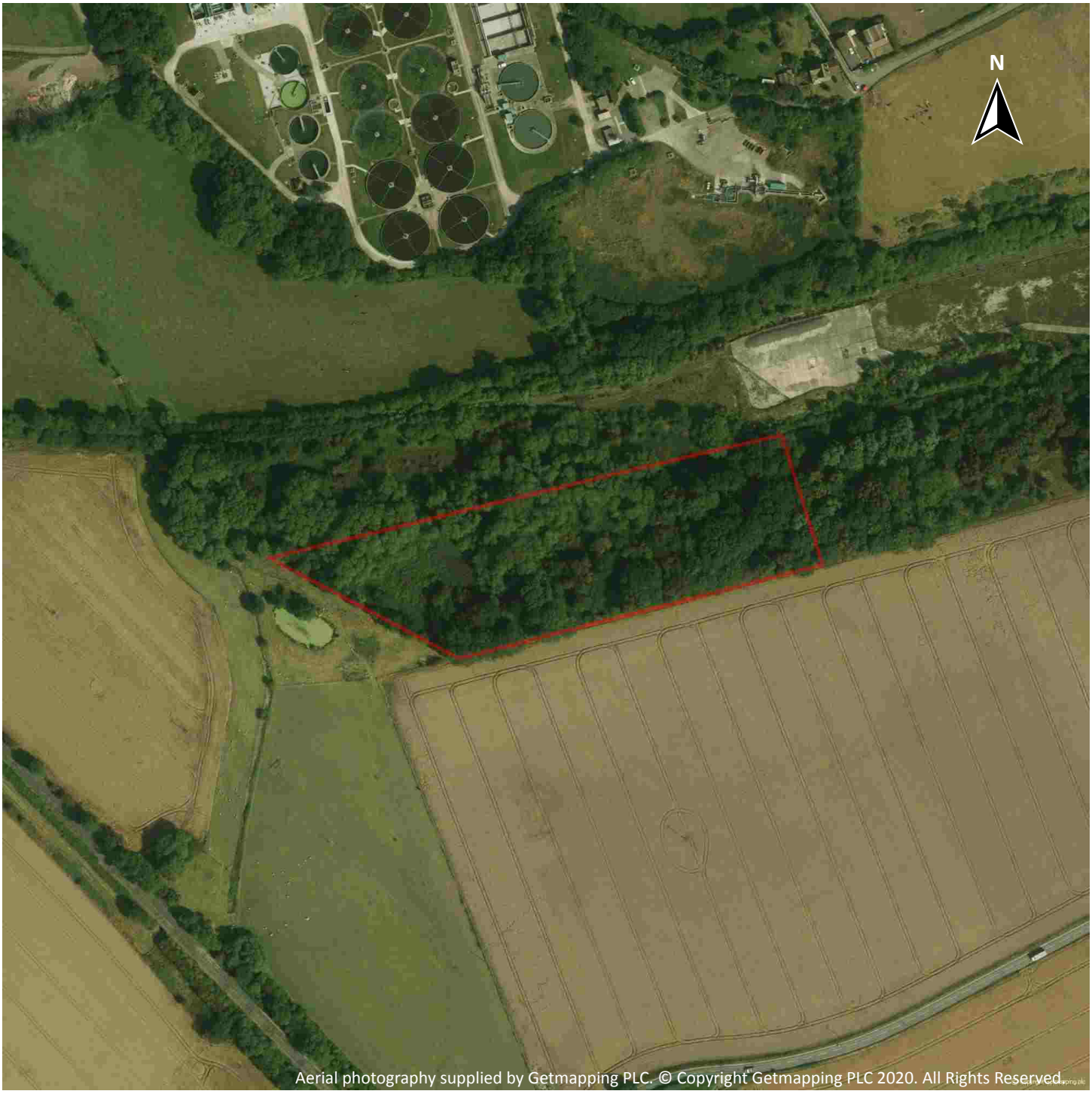
Site Area: 1.99ha

Recent site history - 2018 aerial photograph

Capture Date: 01/07/2018

Site Area: 1.99ha

Recent site history - 2015 aerial photograph



Capture Date: 12/08/2015

Site Area: 1.99ha

Recent site history - 2010 aerial photograph

Capture Date: 24/04/2010

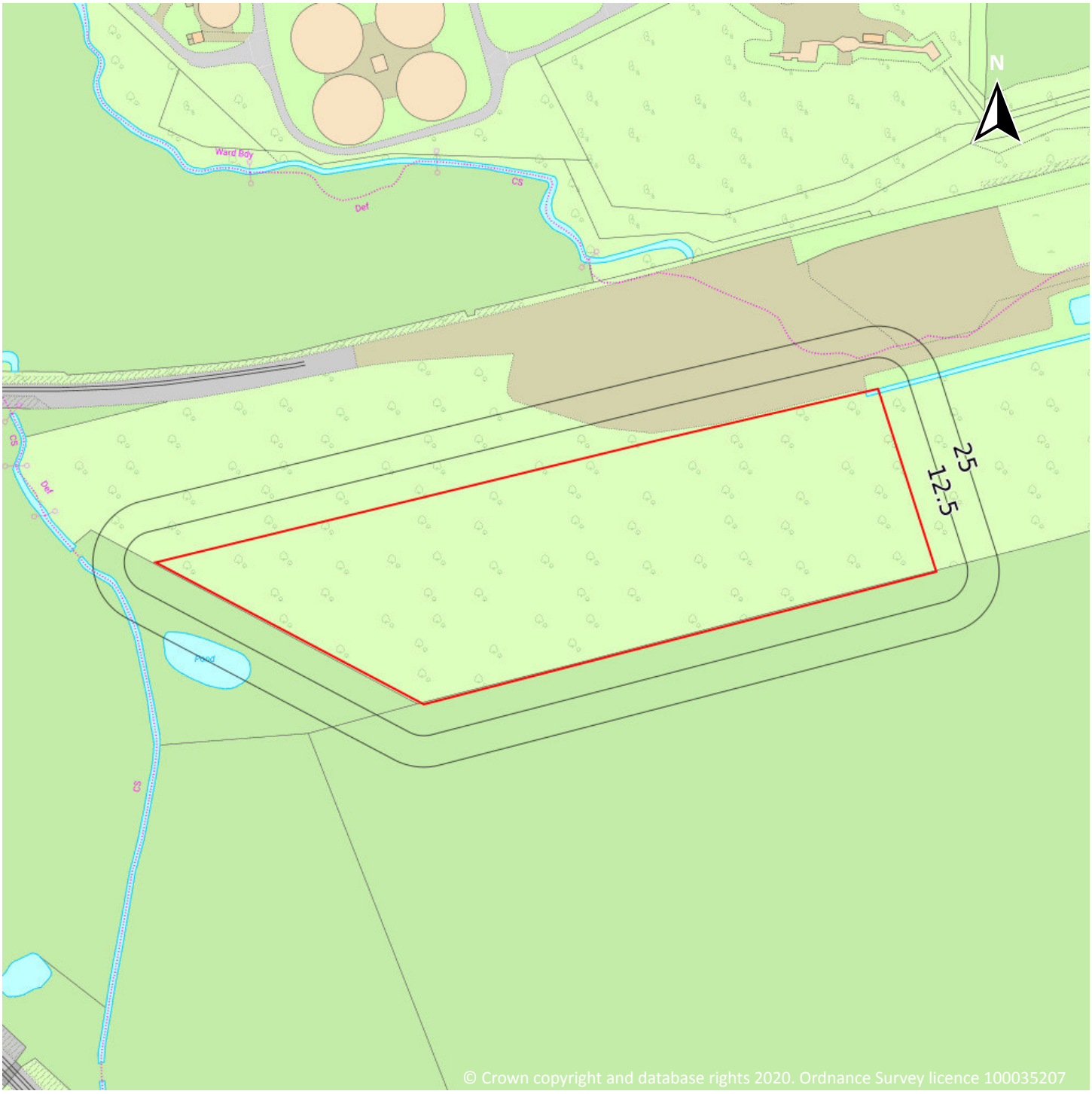
Site Area: 1.99ha

Recent site history - 1999 aerial photograph

Capture Date: 17/11/1999

Site Area: 1.99ha

OS MasterMap site plan



Site Area: 1.99ha

1 Past land use

Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

1.1 Historical industrial land uses

Records within 500m	41

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**	**1974**	**1730797**

ID	Location	Land use	Dates present	Group ID
A	**On site**	**Railway Sidings**	**1989**	**1735720**
A	66m N	Cuttings	1882 - 1900	1669705
A	66m N	Cuttings	1938	1745139
B	73m N	Unspecified Works	1967	1598172
B	73m N	Sewage Works	1989	1670951
B	73m N	Sewage Works	1974	1729890
A	86m NE	Cuttings	1925	1698331
A	86m NE	Cuttings	1950	1632391
C	138m N	Sewage Farm	1900	1706629
C	171m N	Sewage Farm	1925	1688459
B	174m N	Sewage Works	1950	1685920
B	199m N	Unspecified Tanks	1989	1642983
B	199m N	Unspecified Tanks	1967 - 1974	1716357
B	209m N	Unspecified Tanks	1950	1638062
D	233m N	Unspecified Pit	1989	1667340
D	233m N	Unspecified Pit	1967 - 1974	1741423
D	238m N	Unspecified Tanks	1974	1643987
D	238m N	Unspecified Tanks	1989	1680453
E	264m NW	Refuse Heap	1974	1623986
E	264m NW	Refuse Heap	1989	1642445
F	290m NE	Sand Pit	1900	1644457
F	297m NE	Sand Pit	1925	1695551
F	299m NE	Sand Pit	1938	1745362
F	299m NE	Sand Pit	1950	1746837
G	308m NW	Sewage Farm	1938	1635516
1	336m NE	Cuttings	1882	1561428
H	363m NE	Garage	1974	1615234
H	363m NE	Garage	1989	1706221

ID	Location	Land use	Dates present	Group ID
H	365m NE	Garage	1967	1725703
G	396m NW	Unspecified Tanks	1938	1580230
I	437m NE	Refuse Heap	1974	1621916
I	437m NE	Refuse Heap	1989	1663029
3	442m NE	Cuttings	1882	1561427
J	459m E	Disused Colliery	1989	1589353
J	459m E	Colliery	1974	1637966
K	473m E	Unspecified Ground Workings	1950	1564830
K	473m E	Unspecified Pit	1882 - 1900	1719251
K	473m E	Unspecified Pit	1938	1748187
K	477m E	Unspecified Pit	1925	1654961
6	483m E	Refuse Heap	1967	1596258

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	**5**

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
B	187m N	Tanks	1992	259813
D	239m N	Tanks	1992	259818
D	240m N	Unspecified Tank	1969	251338
D	260m N	Unspecified Tank	1969	251337
B	265m N	Unspecified Tank	1959	251359

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	5

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

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

ID	Location	Land use	Dates present	Group ID
C	361m N	Electricity Substation	1982	147964
G	366m NW	Electricity Substation	1982	147967
2	434m NE	Electricity Substation	1969 - 1992	161135
4	445m N	Electricity Substation	1982	147965
5	477m N	Electricity Substation	1982	147962

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	3

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

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

ID	Location	Land use	Dates present	Group ID
H	363m NE	Garage	1990	49344
H	364m NE	Garage	1969	48455
H	366m NE	Garage	1959	49230

This data is sourced from Ordnance Survey / Groundsure.

1.6 Historical military land

Records within 500m	**0**

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

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

2 Past land use - un-grouped

Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	47

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

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

ID	Location	Land Use	Date	Group ID
A	**On site**	**Railway Sidings**	**1989**	**1735720**
A	**On site**	**Railway Sidings**	**1974**	**1730797**
A	66m N	Cuttings	1938	1745139

ID	Location	Land Use	Date	Group ID
A	66m N	Cuttings	1900	1669705
A	66m N	Cuttings	1882	1669705
B	73m N	Sewage Works	1989	1670951
B	73m N	Sewage Works	1974	1729890
B	73m N	Unspecified Works	1967	1598172
A	86m NE	Cuttings	1925	1698331
A	86m NE	Cuttings	1950	1632391
C	138m N	Sewage Farm	1900	1706629
C	171m N	Sewage Farm	1925	1688459
C	171m N	Sewage Farm	1925	1688459
B	174m N	Sewage Works	1950	1685920
B	199m N	Unspecified Tanks	1989	1642983
B	199m N	Unspecified Tanks	1974	1716357
B	199m N	Unspecified Tanks	1967	1716357
B	209m N	Unspecified Tanks	1950	1638062
D	233m N	Unspecified Pit	1989	1667340
D	233m N	Unspecified Pit	1974	1741423
D	233m N	Unspecified Pit	1967	1741423
D	238m N	Unspecified Tanks	1989	1680453
D	238m N	Unspecified Tanks	1974	1643987
E	264m NW	Refuse Heap	1989	1642445
E	264m NW	Refuse Heap	1974	1623986
F	290m NE	Sand Pit	1900	1644457
F	297m NE	Sand Pit	1925	1695551
F	299m NE	Sand Pit	1938	1745362
F	299m NE	Sand Pit	1950	1746837
G	308m NW	Sewage Farm	1938	1635516
1	336m NE	Cuttings	1882	1561428

ID	Location	Land Use	Date	Group ID
H	363m NE	Garage	1989	1706221
H	363m NE	Garage	1974	1615234
H	365m NE	Garage	1967	1725703
G	396m NW	Unspecified Tanks	1938	1580230
J	437m NE	Refuse Heap	1989	1663029
J	437m NE	Refuse Heap	1974	1621916
2	442m NE	Cuttings	1882	1561427
K	459m E	Disused Colliery	1989	1589353
K	459m E	Colliery	1974	1637966
L	473m E	Unspecified Ground Workings	1950	1564830
L	473m E	Unspecified Pit	1938	1748187
L	473m E	Unspecified Pit	1900	1719251
L	473m E	Unspecified Pit	1882	1719251
L	477m E	Unspecified Pit	1925	1654961
L	477m E	Unspecified Pit	1925	1654961
5	483m E	Refuse Heap	1967	1596258

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	**5**

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

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

ID	Location	Land Use	Date	Group ID
B	187m N	Tanks	1992	259813
D	239m N	Tanks	1992	259818
D	240m N	Unspecified Tank	1969	251338
D	260m N	Unspecified Tank	1969	251337

ID	Location	Land Use	Date	Group ID
B	265m N	Unspecified Tank	1959	251359

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	**7**

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

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

ID	Location	Land Use	Date	Group ID
C	361m N	Electricity Substation	1982	147964
G	366m NW	Electricity Substation	1982	147967
I	434m NE	Electricity Substation	1992	161135
I	434m NE	Electricity Substation	1990	161135
I	436m NE	Electricity Substation	1969	161135
3	445m N	Electricity Substation	1982	147965
4	477m N	Electricity Substation	1982	147962

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	3

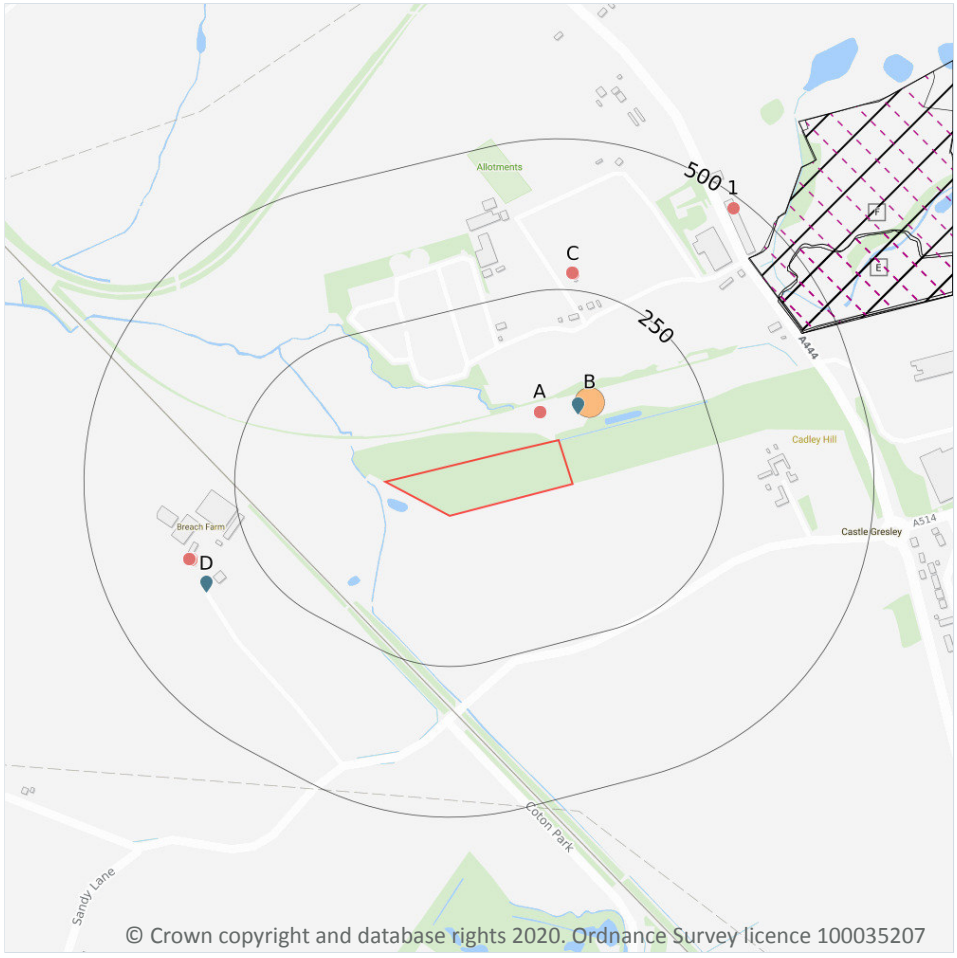
Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

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

ID	Location	Land Use	Date	Group ID
H	363m NE	Garage	1990	49344
H	364m NE	Garage	1969	48455
H	366m NE	Garage	1959	49230

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill



3.1 Active or recent landfill

Records within 500m	0

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

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

3.2 Historical landfill (BGS records)

Records within 500m	0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	3

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

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

ID	Location	Site address	Source	Data type
E	431m NE	Refuse Tip	1990 mapping	Polygon
E	431m NE	Refuse Tip	1990 mapping	Polygon
F	432m NE	Refuse Tip	1969 mapping	Polygon

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

3.4 Historical landfill (EA/NRW records)

Records within 500m	2

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

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

ID	Location	Details		
F	433m NE	Site Address: U K Coal Mining Ltd Nadins Opencast Coal Site, William Nadin Way, Swadlingcote, Derbyshire Licence Holder Address: Blyth Road, Doncaster, Harworth, South Yorkshire	Waste Licence: Yes Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: 07/09/1988 Licence Surrender: -	Operator: U K Coal Mining Ltd Nadins Opencast Coal Site Licence Holder: U K Coal Mining Ltd Nadins Opencast Coal Site First Recorded - Last Recorded: -
E	435m NE	Site Address: Stanton Refuse Tip, Woolland Road, Stanton, Staffordshire Licence Holder Address: -	Waste Licence: - Site Reference: - Waste Type: - Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded - Last Recorded: -

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

3.5 Historical waste sites

Records within 500m	1

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

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

ID	Location	Address	Further Details	Date
B	56m NE	Site Address: Willshee's Skip Hire Ltd, 22 Wetmore Road, Burton-On-Trent, Staffordshire, DE14 1DU	Type of Site: Waste Transfer Station Planning application reference: CW9/1018/63 Description: Scheme comprises proposed extension to the site and construction of a waste handling building for the storage, treatment and processing of refuse derived fuel (rdf). Data source: Historic Planning Application Data Type: Point	26/10/2018

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

3.6 Licensed waste sites

Records within 500m	3

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

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

ID	Location	Details		
B	65m NE	Site Name: Depot 3 Site Address: Depot 3, Burton Road, Cadley Hill, Swadlincote, Derbyshire, DE11 9EL Correspondence Address: -	Type of Site: Physical Treatment Facility Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WIL001 EPR reference: EA/EPR/FB3707GV/A001 Operator: Willshee's Skip Hire Limited Waste Management licence No: 404476 Annual Tonnage: 74999	Issue Date: 22/03/2018 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

ID	Location	Details		
B	65m NE	Site Name: Depot 3 Site Address: Depot 3, Burton Road, Cadley Hill, Swadlincote, Derbyshire, DE11 9EL Correspondence Address: -	Type of Site: Physical Treatment Facility Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: WIL001 EPR reference: EA/EPR/FB3707GV/V002 Operator: Willshees Waste & Recycling Limited Waste Management licence No: 404476 Annual Tonnage: 189999	Issue Date: 22/03/2018 Effective Date: - Modified:: 06/03/2020 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
D	342m SW	Site Name: R Hodson Walker Ltd Site Address: Breach Farm, Cadley Lane, Caldwell, Swadlincote, Derbyshire, DE12 6RJ Correspondence Address: -	Type of Site: Incinerator Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: HOD001 EPR reference: EA/EPR/LP3092FH/V002 Operator: R Hodson Walker Ltd Waste Management licence No: 40037 Annual Tonnage: 100	Issue Date: 25/10/2000 Effective Date: - Modified:: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Expired

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

3.7 Waste exemptions

Records within 500m	**62**

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

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

ID	Location	Site	Reference	Category	Sub-Category	Description
A	53m N	-	WEX216379	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	53m N	-	WEX216379	Using waste exemption	Not on a farm	Use of waste in construction
A	53m N	-	WEX110151	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Sorting mixed waste

ID	Location	Site	Reference	Category	Sub-Category	Description
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Preparatory treatments (baling, sorting, shredding etc)
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Recovery of scrap metal
A	53m N	-	WEX216379	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	53m N	-	WEX110151	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Manual treatment of waste
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Screening and blending of waste
A	53m N	-	WEX110151	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	53m N	-	WEX110151	Using waste exemption	Not on a farm	Use of waste in construction
A	53m N	-	WEX070499	Storing waste exemption	Not on a farm	Storage of waste in secure containers
A	53m N	-	WEX070499	Storing waste exemption	Not on a farm	Storage of waste in a secure place
A	53m N	-	WEX070499	Using waste exemption	Not on a farm	Use of waste in construction
C	277m N	UNIT U, ROBIAN WAY, SWADLINCOTE, DE11 9DH	WEX097807	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX062732	Disposing of waste exemption	On a farm	Burning waste in the open
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX062732	Treating waste exemption	On a farm	Treatment of waste food
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX062732	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising

ID	Location	Site	Reference	Category	Sub-Category	Description
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX062732	Using waste exemption	On a farm	Use of waste in construction
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Disposing of waste exemption	On a farm	Burning waste in the open
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Treating waste exemption	On a farm	Screening and blending of waste
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Using waste exemption	On a farm	Use of waste in construction
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Using waste exemption	On a farm	Use of mulch
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
C	277m N	PARK FARM, WOODLAND ROAD, STANTON, BURTON-ON-TRENT, DE15 9TN	WEX000750	Using waste exemption	On a farm	Incorporation of ash into soil
C	278m N	Park Farm Woodland Road BURTON-ON-TRENT Staffordshire DE15 9TN	EPR/FF0238BF/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
C	278m N	Park Farm Woodland Road BURTON-ON-TRENT Staffordshire DE15 9TN	EPR/FF0238BF/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste food

ID	Location	Site	Reference	Category	Sub-Category	Description
C	278m N	Park Farm Woodland Road BURTON-ON-TRENT Staffordshire DE15 9TN	EPR/FF0238BF /A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	278m N	Park Farm Woodland Road BURTON-ON-TRENT Staffordshire DE15 9TN	EPR/FF0238BF /A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Disposing of waste exemption	On a farm	Burning waste in the open
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Storing waste exemption	On a farm	Storage of waste in secure containers
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Using waste exemption	On a farm	Use of waste in construction
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Storing waste exemption	On a farm	Storage of waste in a secure place
D	346m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX170990	Using waste exemption	On a farm	Use of waste for a specified purpose
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Disposing of waste exemption	On a farm	Burning waste in the open
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Storing waste exemption	On a farm	Storage of waste in secure containers
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Storing waste exemption	On a farm	Storage of waste in a secure place
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Treating waste exemption	On a farm	Crushing and emptying waste vehicle oil filters
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Treating waste exemption	On a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Using waste exemption	On a farm	Use of waste in construction
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
D	348m W	BREACH FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DE12 6RJ	WEX009715	Using waste exemption	On a farm	Use of waste for a specified purpose
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Deposit of waste from dredging of inland waters
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in secure containers

ID	Location	Site	Reference	Category	Sub-Category	Description
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Storing waste exemption	Both agricultural and non-agricultural waste	Storage of waste in a secure place
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Crushing and emptying waste vehicle oil filters
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Preparatory treatments (baling, sorting, shredding etc)
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of baled end-of-life tyres in construction
D	351m W	Breach Farm Cadley Lane Swadlincote Derbyshire DE12 6RJ	EPR/EH0279MG/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
1	481m NE	Cadley Park, Swadlincote, Derbyshire, DE15 9TH	WEX156102	Using waste exemption	Not on a Farm	Use of waste in construction

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

4 Current industrial land use

Site Outline

Search buffers in metres (m)

Recent industrial land uses

Licensed Discharges to controlled waters

List 1 Dangerous Substances

List 2 Dangerous Substances

Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m	1

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 33**

ID	Location	Company	Address	Activity	Category
2	185m N	Sewage Works	Derbyshire, DE15	Waste Storage, Processing and Disposal	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	0

Open, closed, under development and obsolete petrol stations.

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

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

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

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

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

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

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

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

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

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

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

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

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

Records within 500m	0

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.

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	27

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 33**

ID	Location	Address	Details	
A	233m N	STANTON SEWAGE TREATMENT WORKS, STANTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: T/24/21733/R Permit Version: 1 Receiving Water: DARKLANDS BROOK	Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 29/07/1992 Effective Date: 01/10/1992 Revocation Date: 30/12/2000
A	233m N	STANTON SEWAGE TREATMENT WORKS, STANTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: T/24/21733/R Permit Version: 2 Receiving Water: DARKLANDS BROOK	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 19/12/2000 Effective Date: 31/12/2000 Revocation Date: 24/03/2002
A	252m N	STANTON SEWAGE TREATMENT WORKS, STANTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: T/24/35626/R Permit Version: 1 Receiving Water: DARKLANDS BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 25/03/2002 Effective Date: 25/03/2002 Revocation Date: 31/12/2009
A	252m N	STANTON SEWAGE TREATMENT WORKS, STANTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: T/24/35626/R Permit Version: 2 Receiving Water: DARKLANDS BROOK	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 24/09/2009 Effective Date: 01/01/2010 Revocation Date: 30/03/2013

ID	Location	Address	Details	
A	252m N	STANTON WASTEWATER TREATMENT WORKS, NEAR SANDOWN HOUSE, WOODLAND ROAD, STANTON, DERBYSHIRE, DE15 9TN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRWB3535AJ Permit Version: 1 Receiving Water: RIVER TRENT & DARKLANDS BROOK	Status: NEW ISSUED UNDER EPR 2010 Issue date: 06/02/2013 Effective Date: 31/03/2013 Revocation Date: 03/04/2014
A	252m N	STANTON WASTEWATER TREATMENT WORKS, NEAR SANDOWN HOUSE, WOODLAND ROAD, STANTON, DERBYSHIRE, DE15 9TN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRWB3535AJ Permit Version: 2 Receiving Water: RIVER TRENT & DARKLANDS BROOK	Status: VARIED UNDER EPR 2010 Issue date: 04/04/2014 Effective Date: 04/04/2014 Revocation Date: 30/05/2016
A	252m N	STANTON WASTEWATER TREATMENT WORKS, NEAR SANDOWN HOUSE, WOODLAND ROAD, STANTON, DERBYSHIRE, DE15 9TN	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY Permit Number: EPRWB3535AJ Permit Version: 3 Receiving Water: RIVER TRENT & DARKLANDS BROOK	Status: VARIED UNDER EPR 2010 Issue date: 31/05/2016 Effective Date: 31/05/2016 Revocation Date: -
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999

ID	Location	Address	Details	
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999

ID	Location	Address	Details	
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 1 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 23/10/1991 Effective Date: 23/10/1991 Revocation Date: 11/11/1999
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - MINERAL WORKINGS Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000

ID	Location	Address	Details	
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: MISCELLANEOUS DISCHARGES - MINE/GROUNDWATER AS RAISED Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000
B	490m NE	NADINS OPEN CAST COAL SITE, CADLEY ROAD, SWADLINCOTE	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/24/20832/T Permit Version: 2 Receiving Water: DARKLANDS BROOK & TRIB	Status: REVOKED (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 11/11/1999 Effective Date: 12/11/1999 Revocation Date: 22/02/2000

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	6

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

Features are displayed on the Current industrial land use map on **page 33**

ID	Location	Name	Status	Receiving Water	Authorised Substances
A	233m N	British Coal Bretby Reasearch,ashby Rd,stanhope,bretby,burto	Not Active	-	-
A	233m N	Yule Catto,church Gres.ind.est.church St,church Gresley,burt	Not Active	-	-
A	233m N	Plough Eng.services Ltd,unit3,boardman Ind.est.swadlincote,b	Not Active	-	-
A	233m N	Qualcast Ceramics,hartshorne Rd,woodville,burton On Trent	Not Active	-	-
A	233m N	Suma Containers,rubian Way,swadlincote	Not Active	-	-
A	233m N	Stanton Stw (drakelow Brook Outfall)	Not Active	Drakelow Brook, Darklands Brook, River Trent	Cadmium

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

4.17 List 2 Dangerous Substances

Records within 500m	5

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

Features are displayed on the Current industrial land use map on **page 33**

ID	Location	Name	Status	Receiving Water	Authorised Substances
1	**On site**	**B.c. Nadins Occs Outlet 3**	**Not Active**	**Darklands BrookRiver Trent**	**Iron, pH**
A	233m N	Plough Engineering Services Limited	Active	-	Zinc
A	233m N	Stanton Sewage Treatment Works	Not Active	-	-
A	250m N	Stanton Stw (discharge 1) Fe	Not Active	-	-

ID	Location	Name	Status	Receiving Water	Authorised Substances
B	491m NE	B.c. Nadins Occs Outlet 1	Not Active	Darklands BrookRiver Trent	Iron, pH

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m	**1**

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 33**

ID	Location	Details	
3	362m S	Incident Date: 26/03/2002 Incident Identification: 66820 Pollutant: Specific Waste Materials Pollutant Description: Vehicles and Vehicle Parts	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

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

4.19 Pollution inventory substances

Records within 500m	**0**

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

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

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.

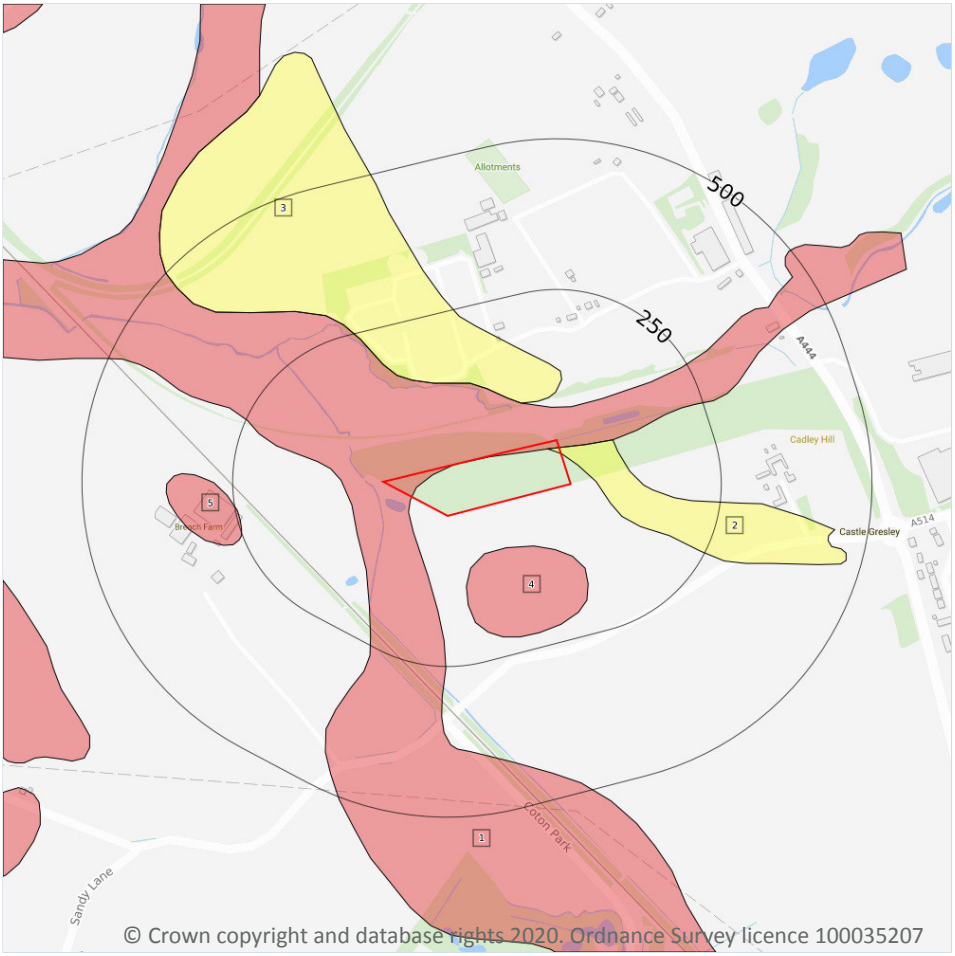
4.21 Pollution inventory radioactive waste

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	5

Aquifer status of groundwater held within superficial geology.

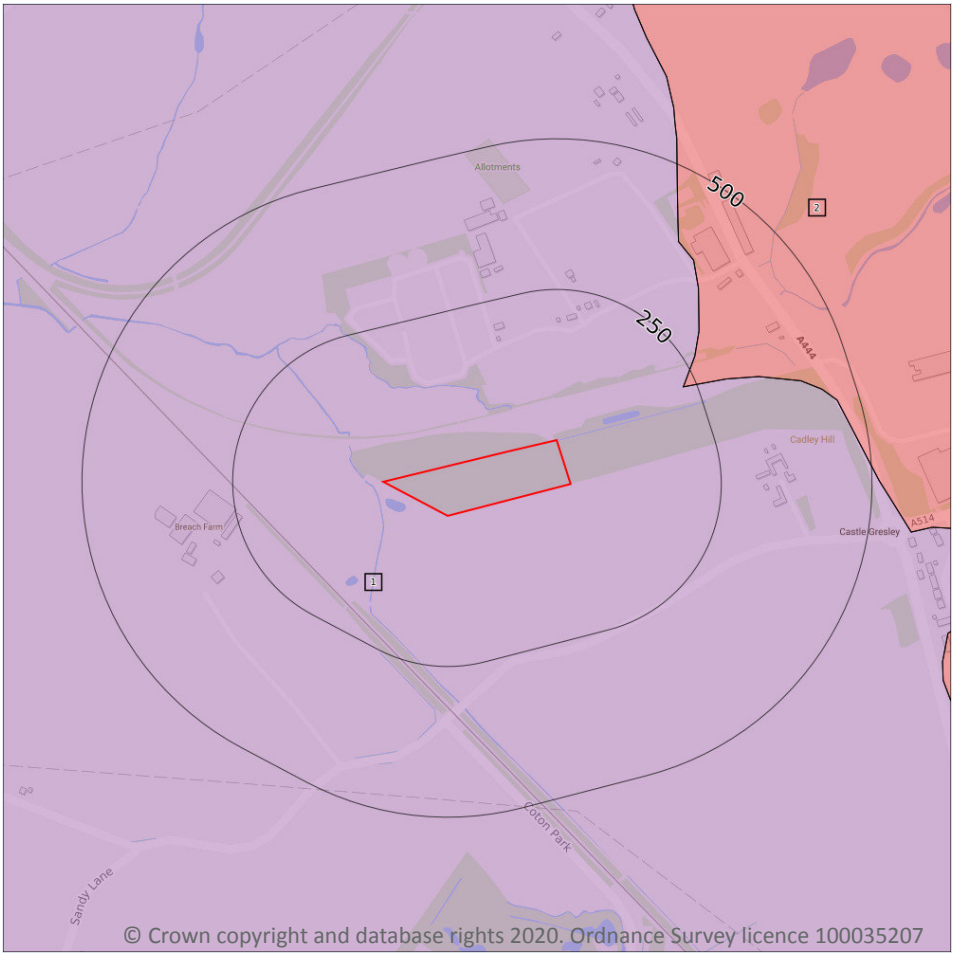
Features are displayed on the Hydrogeology map on **page 44**

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	On site	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	70m N	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
4	76m 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
5	246m 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

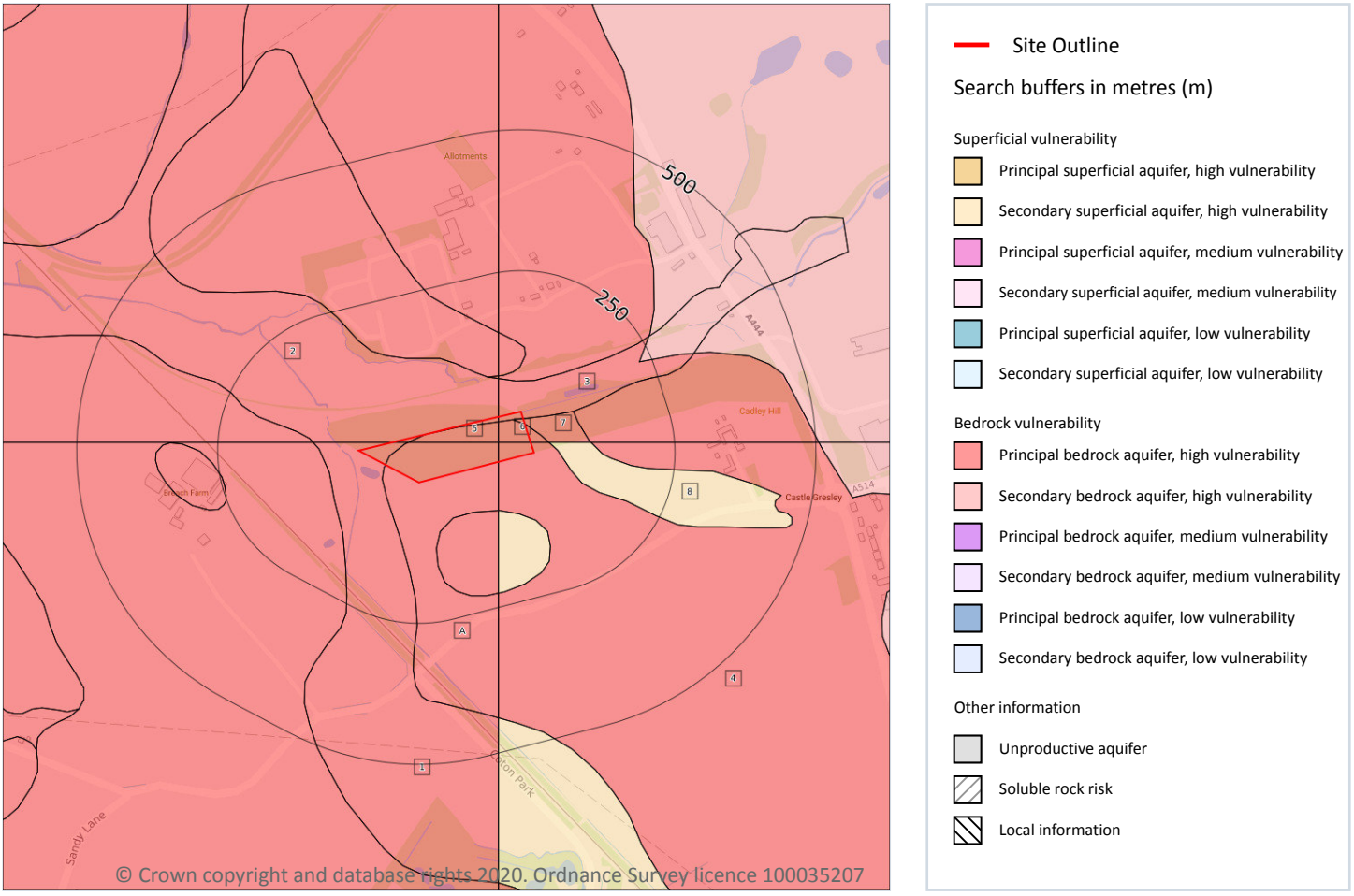
Aquifer status of groundwater held within bedrock geology.

Features are displayed on the Bedrock aquifer map on **page 46**

ID	Location	Designation	Description
1	**On site**	**Principal**	**Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers**
2	228m NE	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	9

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

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

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

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

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
A	**On site**	**Summary Classification: Principal bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: 40-70% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures**
8	30m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Principal Flow mechanism: Well connected fractures

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

5.4 Groundwater vulnerability- soluble rock risk

Records on site	**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.

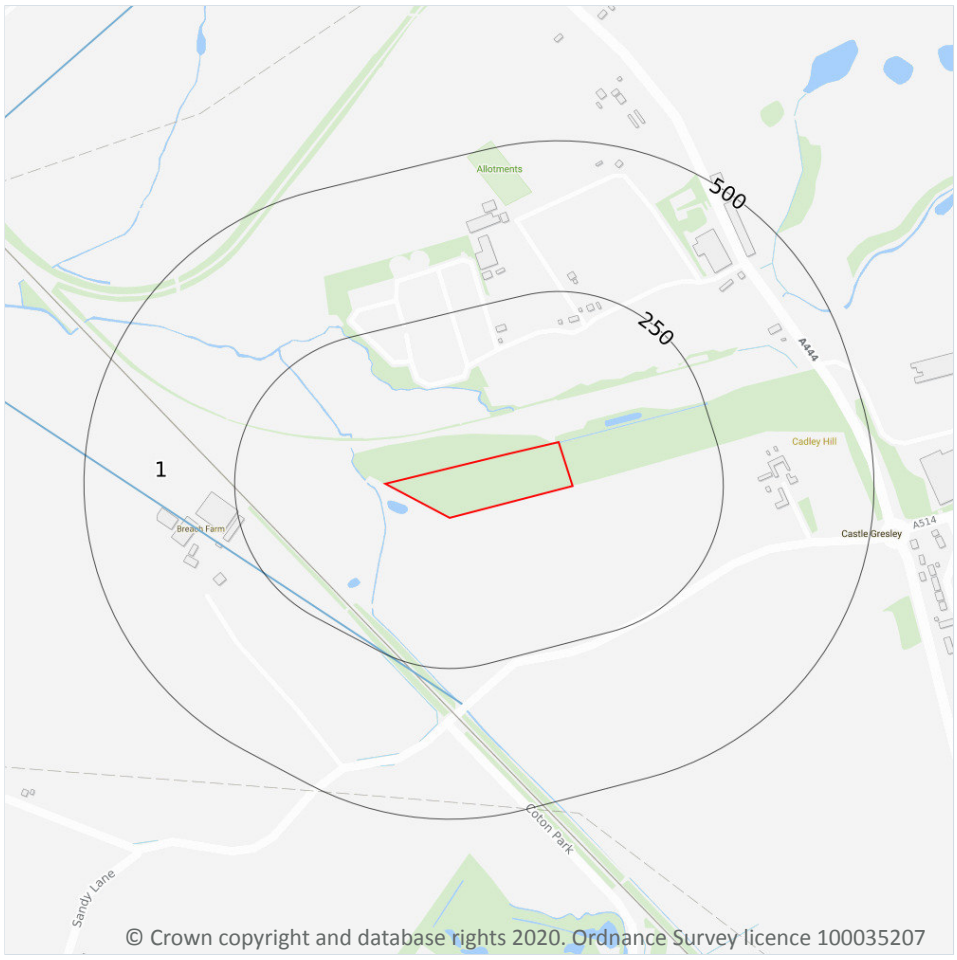
5.5 Groundwater vulnerability- local information

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



Site Outline

Search buffers in metres (m)

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

5.6 Groundwater abstractions

Records within 2000m	3

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 51**

ID	Location	Details	
-	1017m NW	Status: Historical Licence No: 03/28/24/0115 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: STANTON HOUSE FARM, STANTON, BURTON ON TRENT, STAFFORDSHIRE Data Type: Point Name: E H KINSTON AND SON Easting: 426130 Northing: 319790	Annual Volume (m^3): 21000 Max Daily Volume (m^3): 80 Original Application No: - Original Start Date: 11/01/2003 Expiry Date: 31/03/2014 Issue No: 4 Version Start Date: 01/04/2008 Version End Date: -
-	1017m NW	Status: Active Licence No: MD/028/0024/004 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: STANTON HOUSE FARM, STANTON, BURTON ON TRENT, STAFFORDSHIRE Data Type: Point Name: E H KINSTON AND SON Easting: 426130 Northing: 319790	Annual Volume (m^3): 21,000 Max Daily Volume (m^3): 80 Original Application No: - Original Start Date: 01/04/2014 Expiry Date: 31/03/2026 Issue No: 1 Version Start Date: 01/04/2014 Version End Date: -
-	1762m W	Status: Historical Licence No: 03/28/24/0059/G Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: ROYLE FARM,DRAKELOW - WELL Data Type: Point Name: MOUNTFORD PARTNERS Easting: 425000 Northing: 318800	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1993 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m	**6**

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 51**

ID	Location	Details	
1	234m SW	Status: Active Licence No: 03/28/24/0087 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: BREACH FARM - DARKLANDS BROOK Data Type: Line Name: R HODSON WALKER LTD Easting: 426880 Northing: 318620	Annual Volume (m^3): 30,836 Max Daily Volume (m^3): 545 Original Application No: - Original Start Date: 25/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 25/11/1980 Version End Date: -
-	772m W	Status: Active Licence No: 03/28/24/0088 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: DARKLANDS BROOK - SPRING TRIBUTARY Data Type: Point Name: R HODSON WALKER LTD Easting: 425980 Northing: 318980	Annual Volume (m^3): 30,836 Max Daily Volume (m^3): 545 Original Application No: - Original Start Date: 25/11/1980 Expiry Date: - Issue No: 100 Version Start Date: 25/11/1980 Version End Date: -
3	873m NW	Status: Active Licence No: 03/28/24/0044 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: DARKLANDS BROOK Data Type: Line Name: E H KINSTON AND SON Easting: 426700 Northing: 320100	Annual Volume (m^3): 37,368 Max Daily Volume (m^3): 690.90 Original Application No: - Original Start Date: 09/02/1966 Expiry Date: - Issue No: 102 Version Start Date: 25/02/2008 Version End Date: -
-	1098m W	Status: Active Licence No: 03/28/24/0059/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: ROYLE FARM,DRAKELOW - DARKLANDS BROOK (C) Data Type: Point Name: MOUNTFORD PARTNERS Easting: 425700 Northing: 319300	Annual Volume (m^3): 36,368 Max Daily Volume (m^3): 454.60 Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1993 Version End Date: -
-	1485m W	Status: Active Licence No: 03/28/24/0059/S Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: ROYLE FARM,DRAKELOW - DARKLANDS BROOK (B) Data Type: Point Name: MOUNTFORD PARTNERS Easting: 425300 Northing: 319300	Annual Volume (m^3): 36,368 Max Daily Volume (m^3): 454.60 Original Application No: - Original Start Date: 01/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/06/1993 Version End Date: -

ID	Location	Details	
-	1809m W	Status: Historical Licence No: 03/28/24/0052 Details: Spray Irrigation - Direct Direct Source: Surface Water Midlands Region Point: UNNAMED TRIBUTARY OF RIVER TRENT AT FLINT MILL FARM Data Type: Point Name: G, D H & L E MYCOCK Easting: 424970 Northing: 319300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 22/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 28/04/1995 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m	0

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

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

5.9 Source Protection Zones

Records within 500m	0

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

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

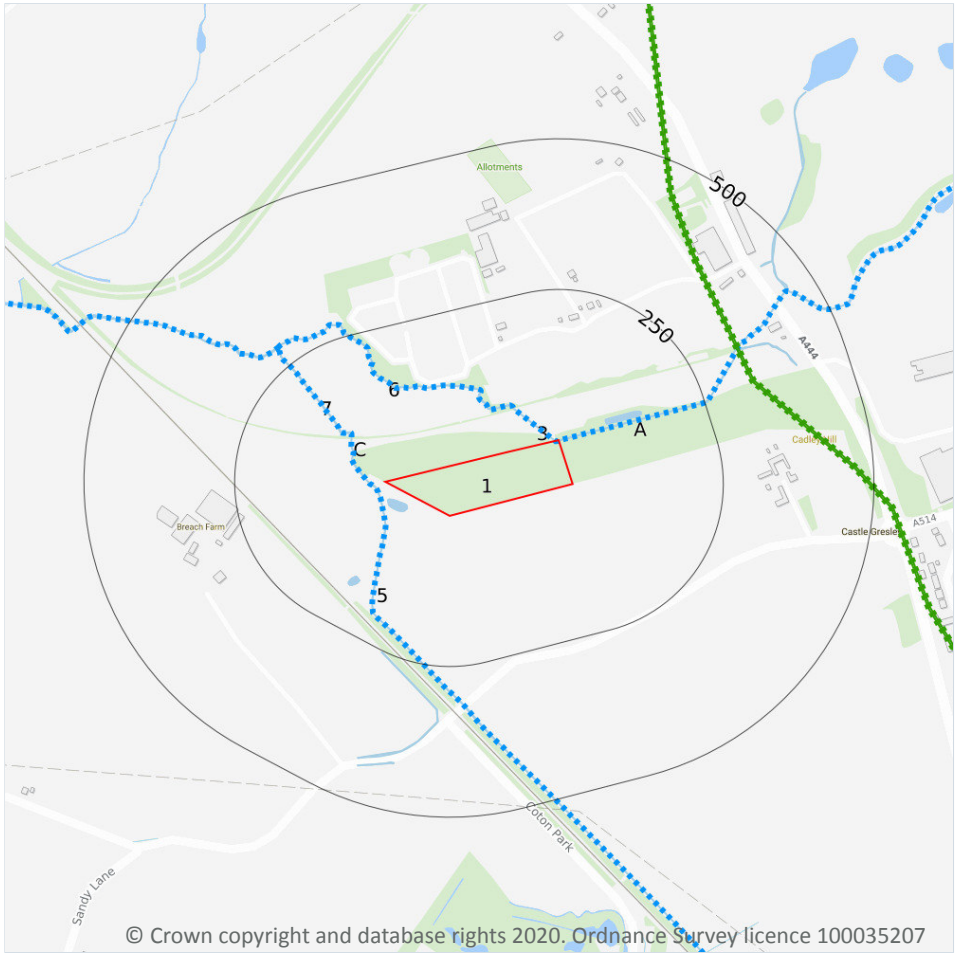
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

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

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

6 Hydrology



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	**6**

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

Features are displayed on the Hydrology map on **page 55**

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

ID	Location	Type of water feature	Ground level	Permanence	Name
A	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
5	19m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	67m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	81m NW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
7	94m NW	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	**8**

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 55**

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 55**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
1	**On site**	**River WB catchment**	**Darklands Brook Catchment (trib of Trent)**	**GB104028047310**	**Trent - Tame to Dove Rivers**	**Tame Anker and Mease**

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 55**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
2	**On site**	**River**	**Darklands Brook Catchment (trib of Trent)**	**GB104028047310**	**Moderate**	**Fail**	**Moderate**	**2016**

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

6.5 WFD Groundwater bodies

Records on site	**1**

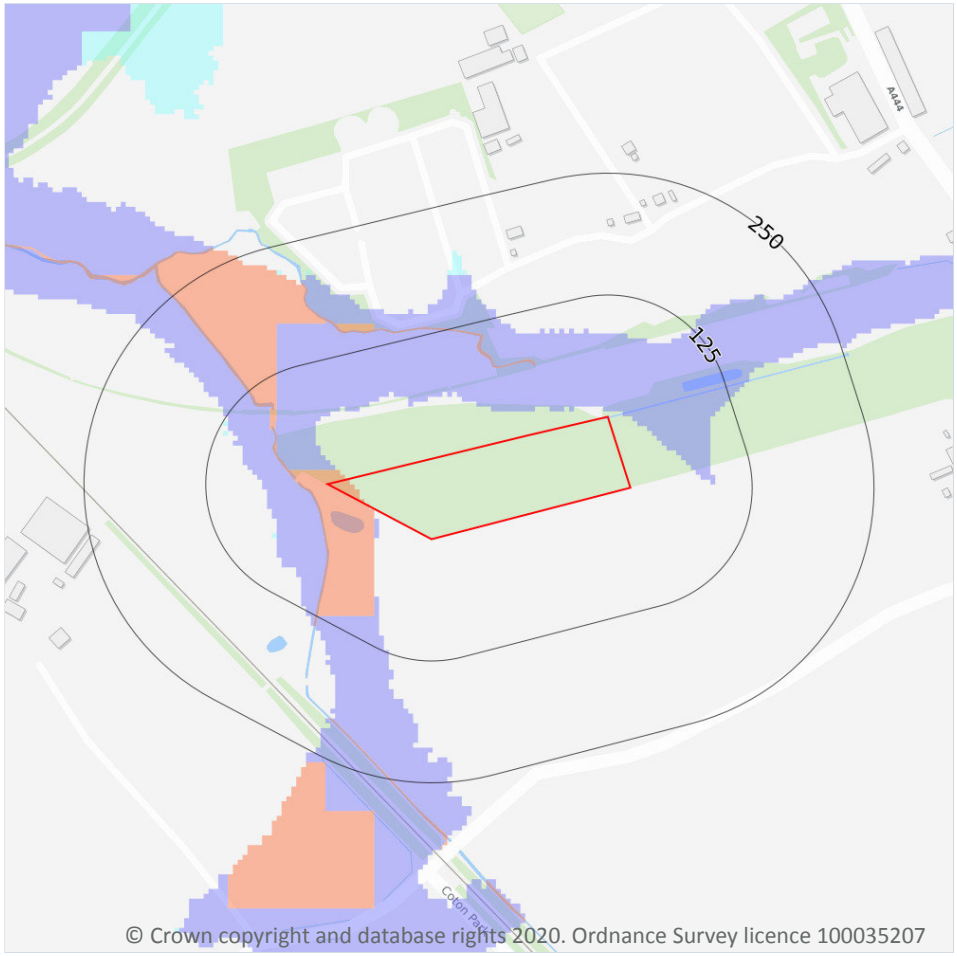
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 55**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
B	**On site**	**Tame Anker Mease - PT Sandstone Burton**	**GB40401G301200**	**Poor**	**Poor**	**Good**	**2015**

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

7 River and coastal flooding



Site Outline

Search buffers in metres (m)

Environment Agency river and coastal flooding:

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

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m	**4**

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

Features are displayed on the River and coastal flooding map on **page 58**

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

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

7.2 Historical Flood Events

Records within 250m	0

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.

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.

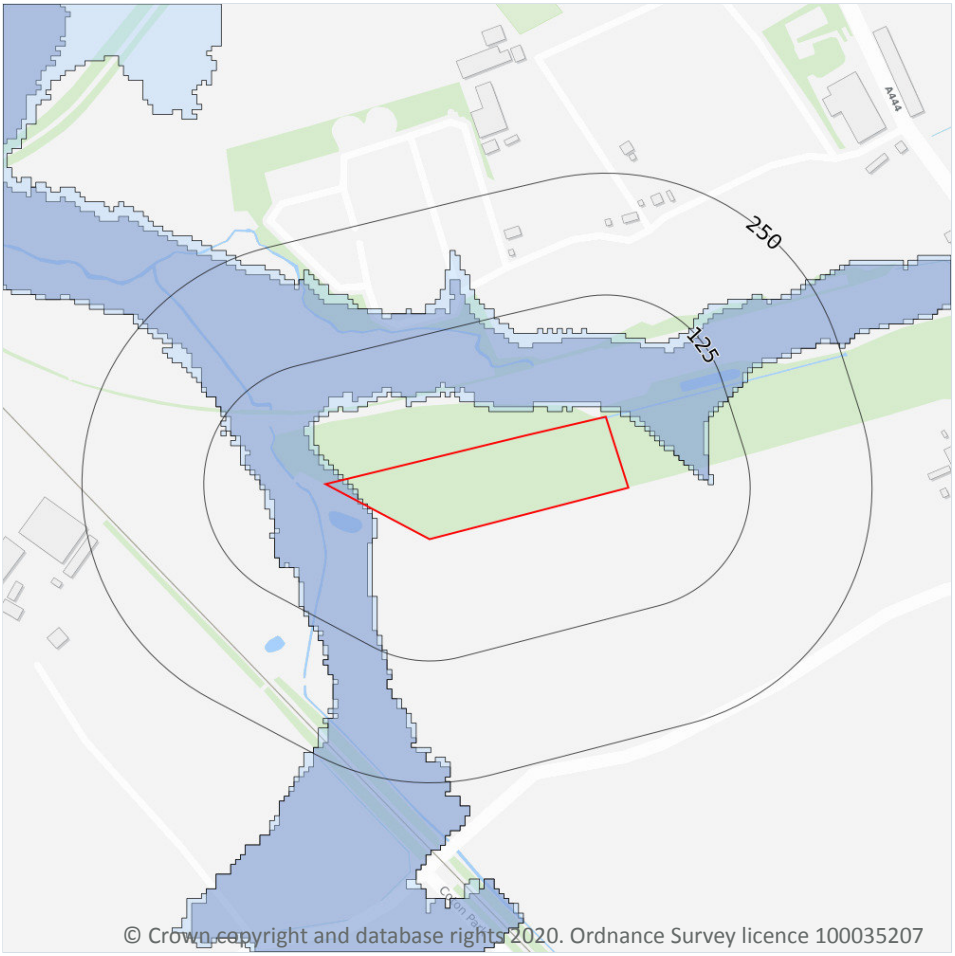
7.5 Flood Storage Areas

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 58**

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

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

7.7 Flood Zone 3

Records within 50m	1

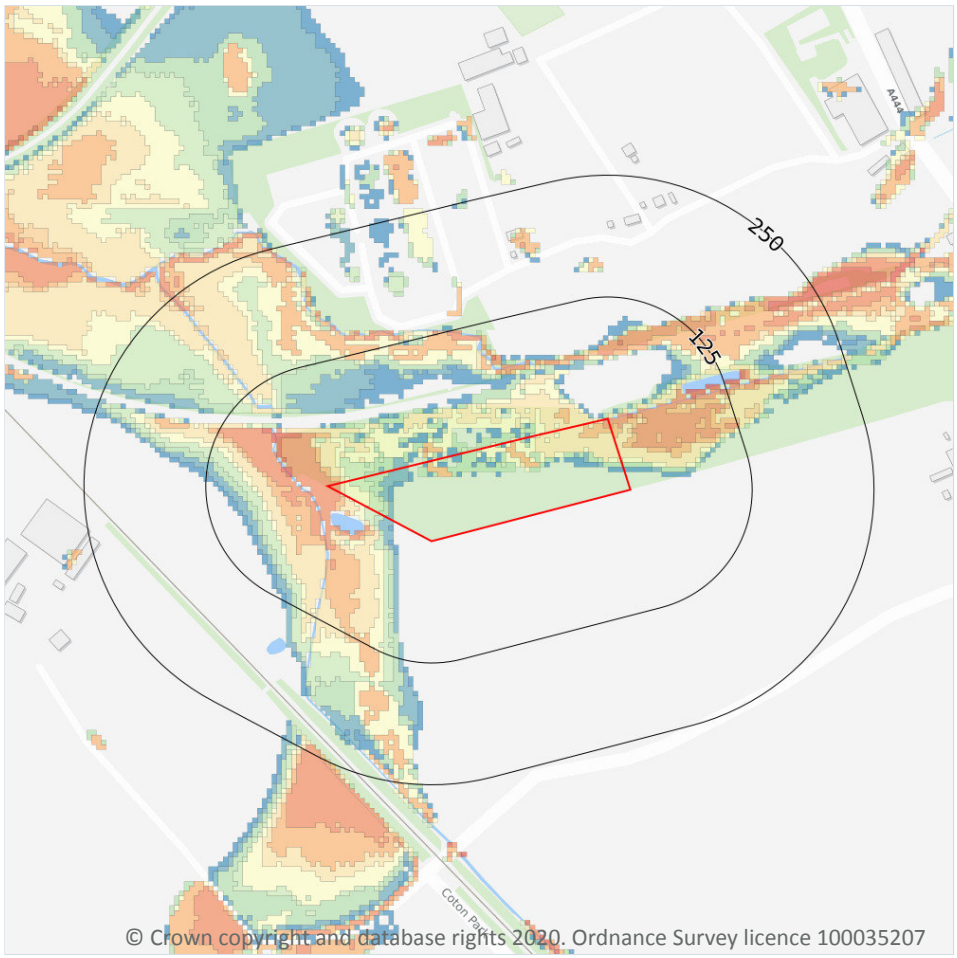
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 58**

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

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

8 Surface water flooding



Site Outline
Search buffers in metres (m)

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

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

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

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

8.1 Surface water flooding

Highest risk on site	**1 in 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 62**

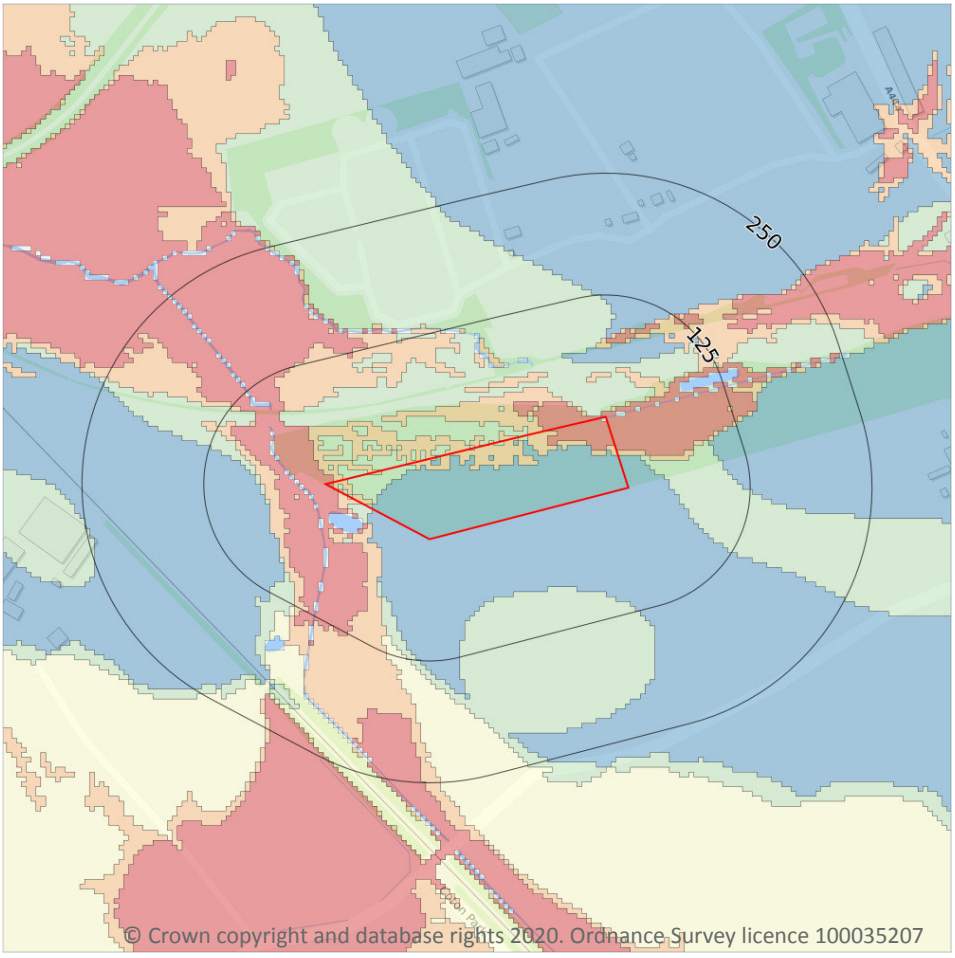
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Greater than 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

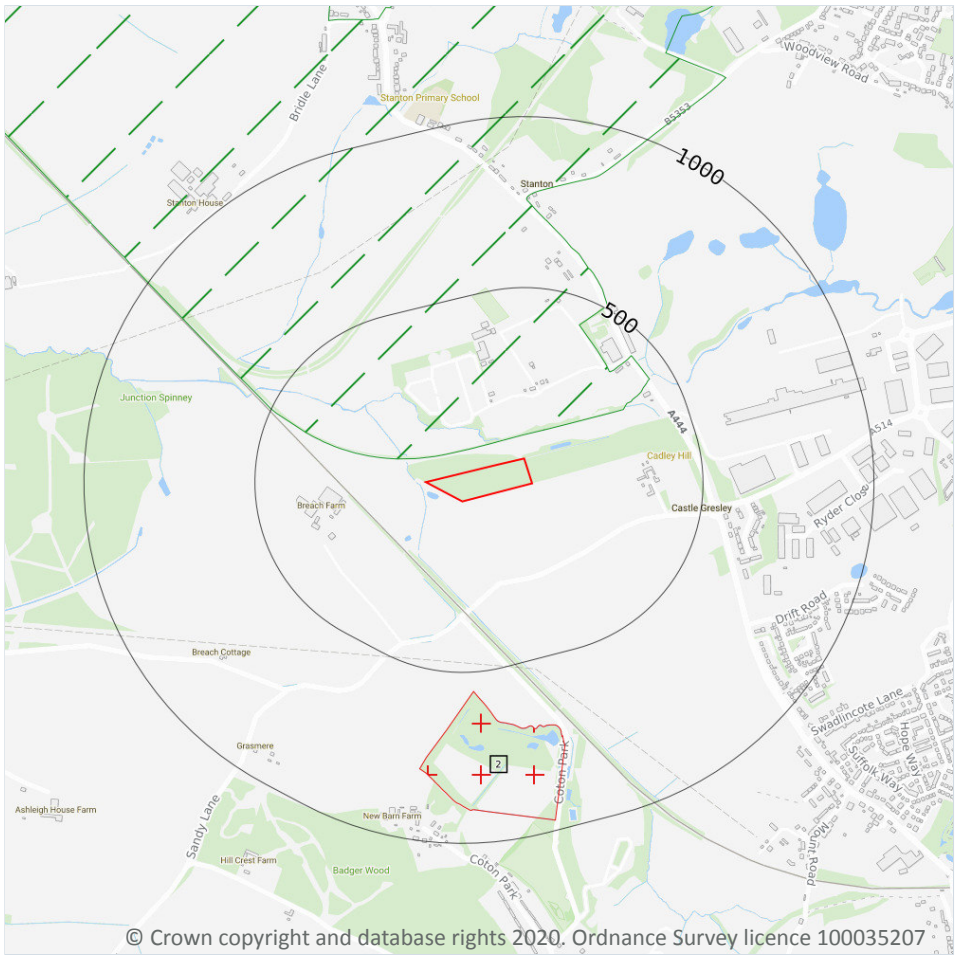
Highest risk on site	**High**
Highest risk within 50m	**High**

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

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

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Local Nature Reserves (LNR)

Designated Ancient Woodland

Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m	0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m	0

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m	1

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

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

ID	Location	Name	Data source
2	557m S	Badgers Hollow, Coton Park	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m	1

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

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

ID	Location	Name	Woodland Type
-	1557m E	HALL WOOD	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m	0

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

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

10.9 Forest Parks

Records within 2000m	0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

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

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

10.11 Green Belt

Records within 2000m	2

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

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

ID	Location	Name	Local Authority name
1	64m N	Burton-on-Trent	South Derbyshire
-	1574m N	Burton-on-Trent	East Staffordshire

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

10.12 Proposed Ramsar sites

Records within 2000m	0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

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

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m	2

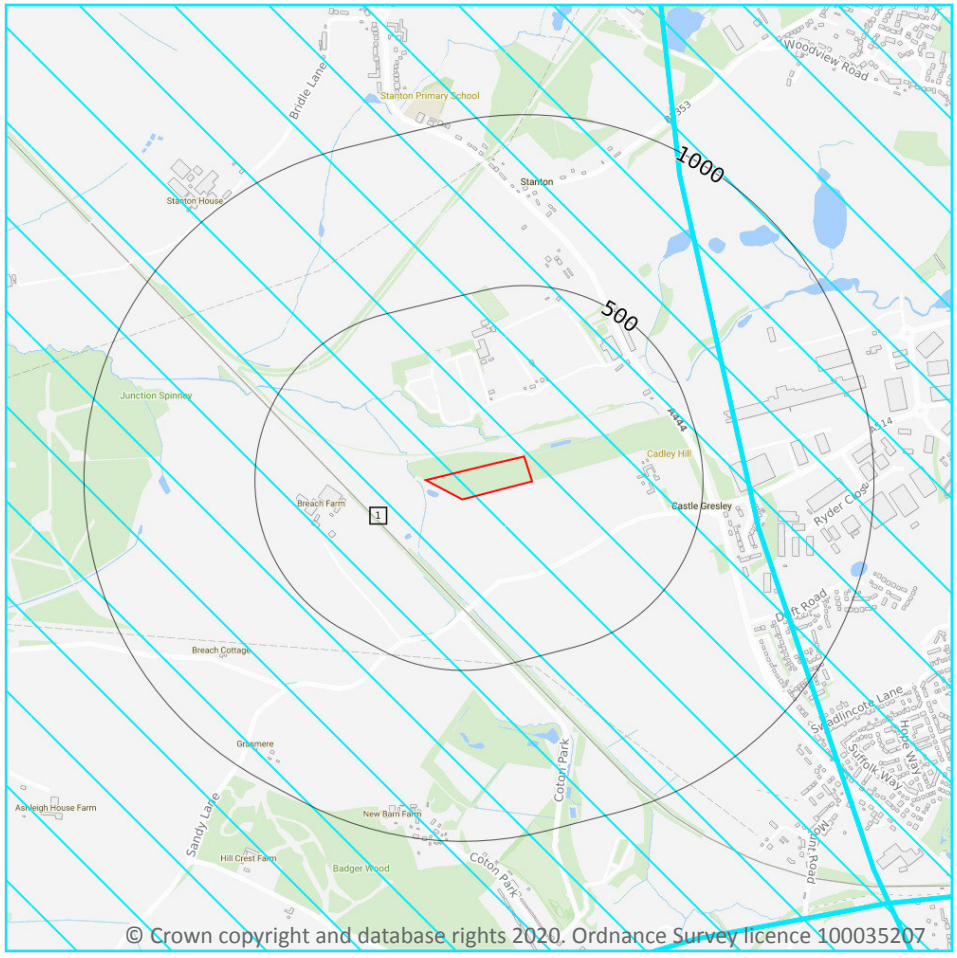
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	**River Trent (source to confluence with Derwent)**	**Surface Water**	**S308**	**Changed**

Location	Name	Type	NVZ ID	Status
On site	**Burton**	**Groundwater**	**G34**	**Existing**

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

SSSI Impact Zones and Units



Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

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

10.17 SSSI Impact Risk Zones

Records on site	1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 71**

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

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	0

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

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

11 Visual and cultural designations

11.1 World Heritage Sites

Records within 250m	0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

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

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

11.3 National Parks

Records within 250m	0

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

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

11.4 Listed Buildings

Records within 250m	0

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

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

11.5 Conservation Areas

Records within 250m	0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m	0

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

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

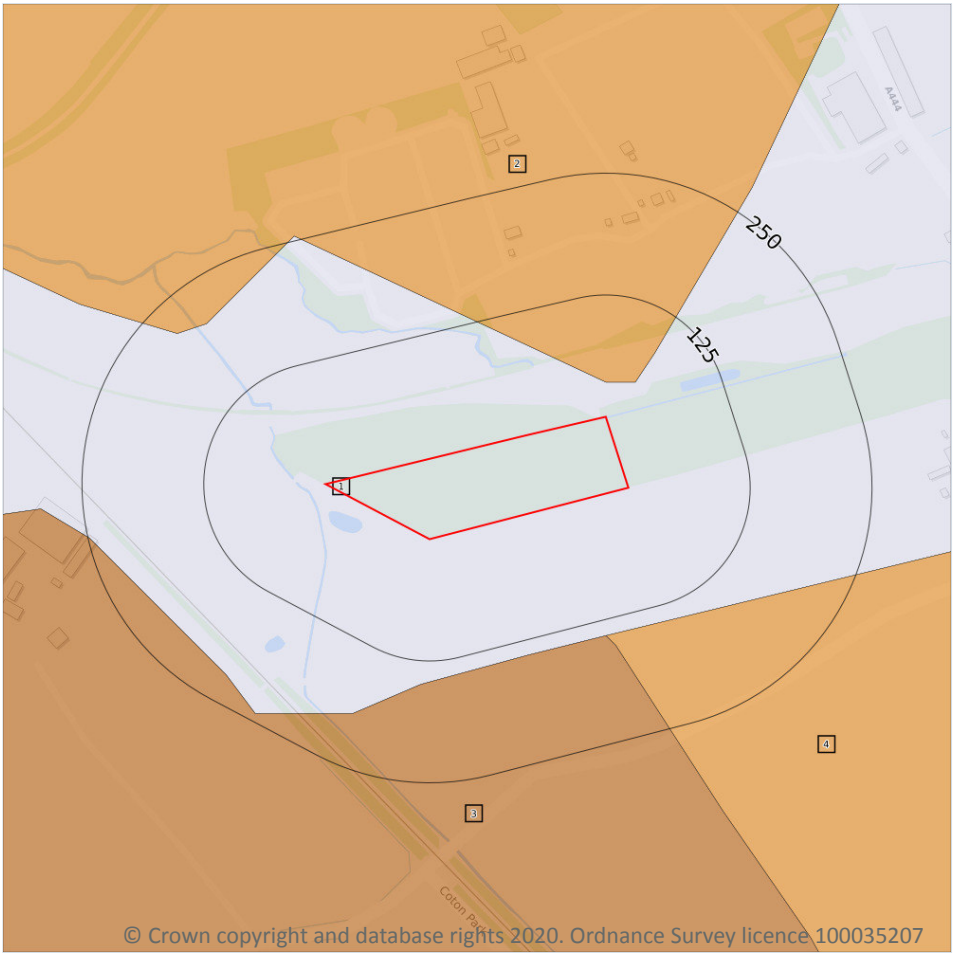
11.7 Registered Parks and Gardens

Records within 250m	0

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

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

12 Agricultural designations



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	4

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

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

ID	Location	Classification	Description
1	On site	Grade 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.**

ID	Location	Classification	Description
2	36m N	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.
3	141m S	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
4	141m S	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.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	**0**

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

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

12.3 Tree Felling Licences

Records within 250m	**0**

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	**0**

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

This data is sourced from Natural England.

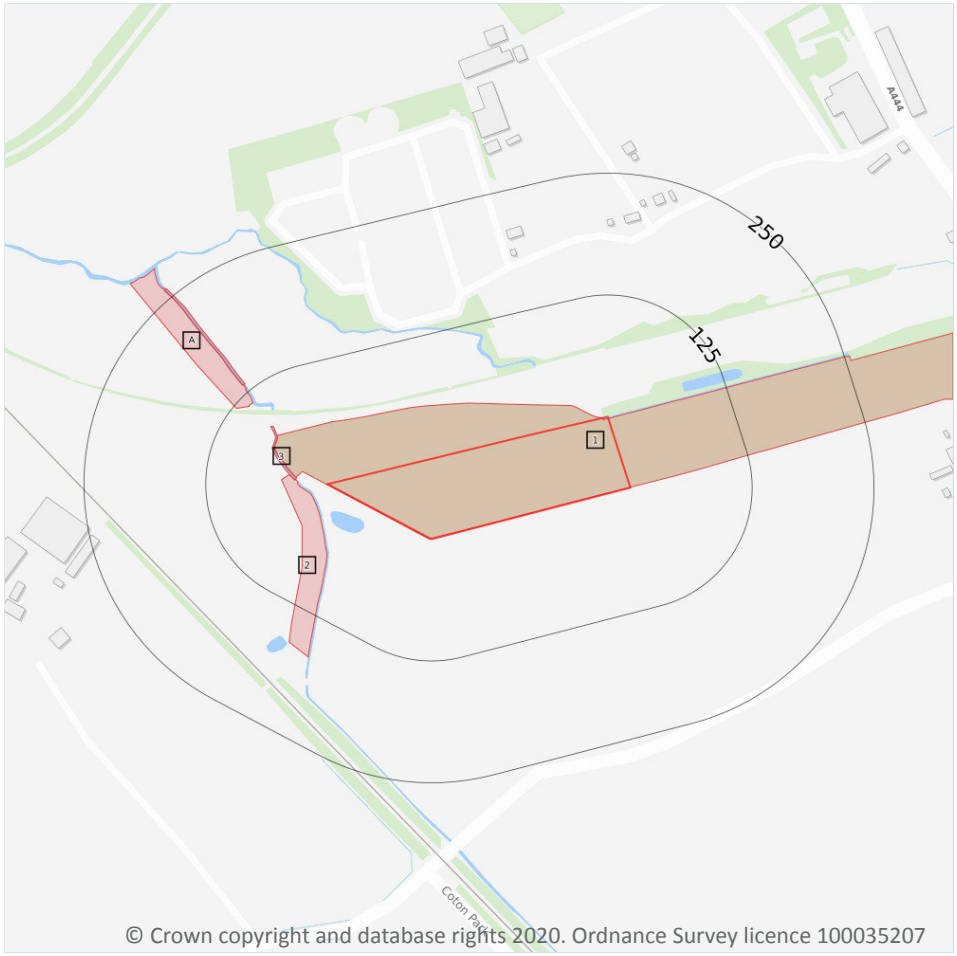
12.5 Countryside Stewardship Schemes

Records within 250m	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	**5**

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

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

ID	Location	Main Habitat	Other habitats
1	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
2	20m SW	Lowland fens	Main habitat: LFENS (INV > 50%)
3	32m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	113m NW	Lowland fens	Main habitat: LFENS (INV > 50%)

ID	Location	Main Habitat	Other habitats
A	133m NW	Lowland fens	Main habitat: LFENS (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	0

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

This data is sourced from Natural England.

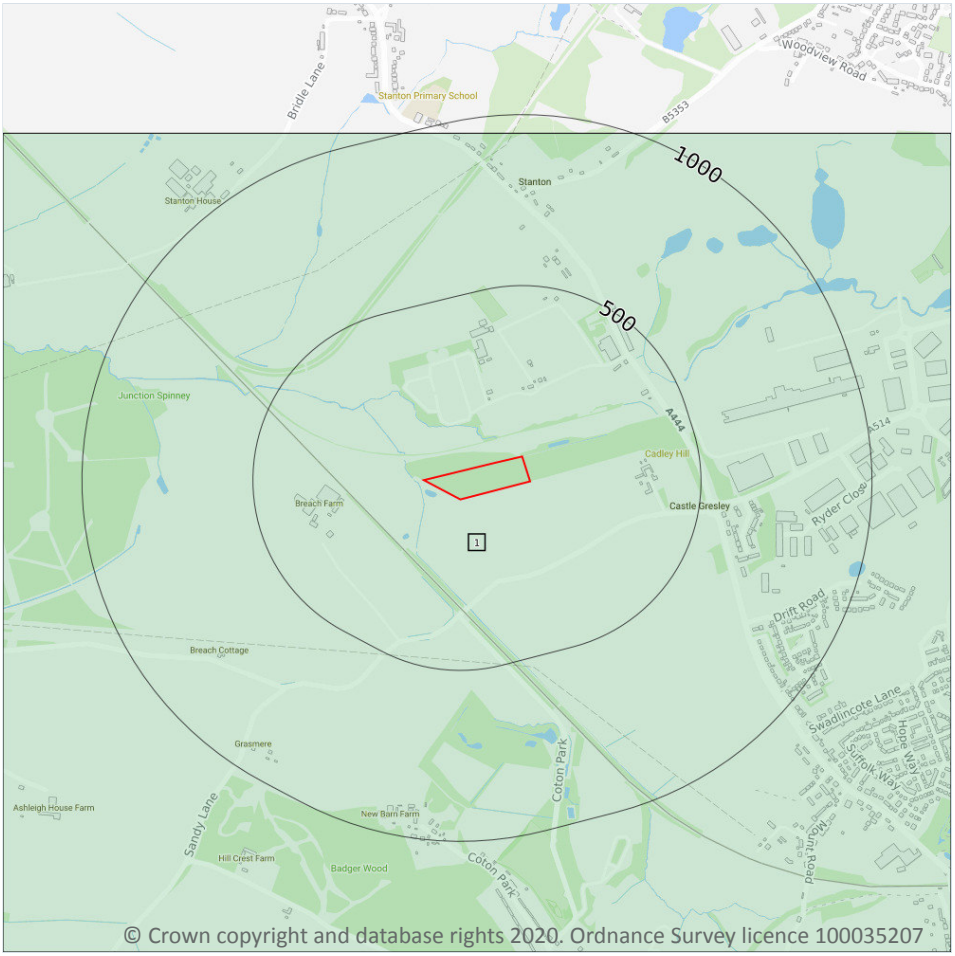
13.4 Limestone Pavement Orders

Records within 250m	0

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

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



Site Outline

Search buffers in metres (m)

Full coverage

Partial coverage

No coverage

14.1 10k Availability

Records within 500m	1

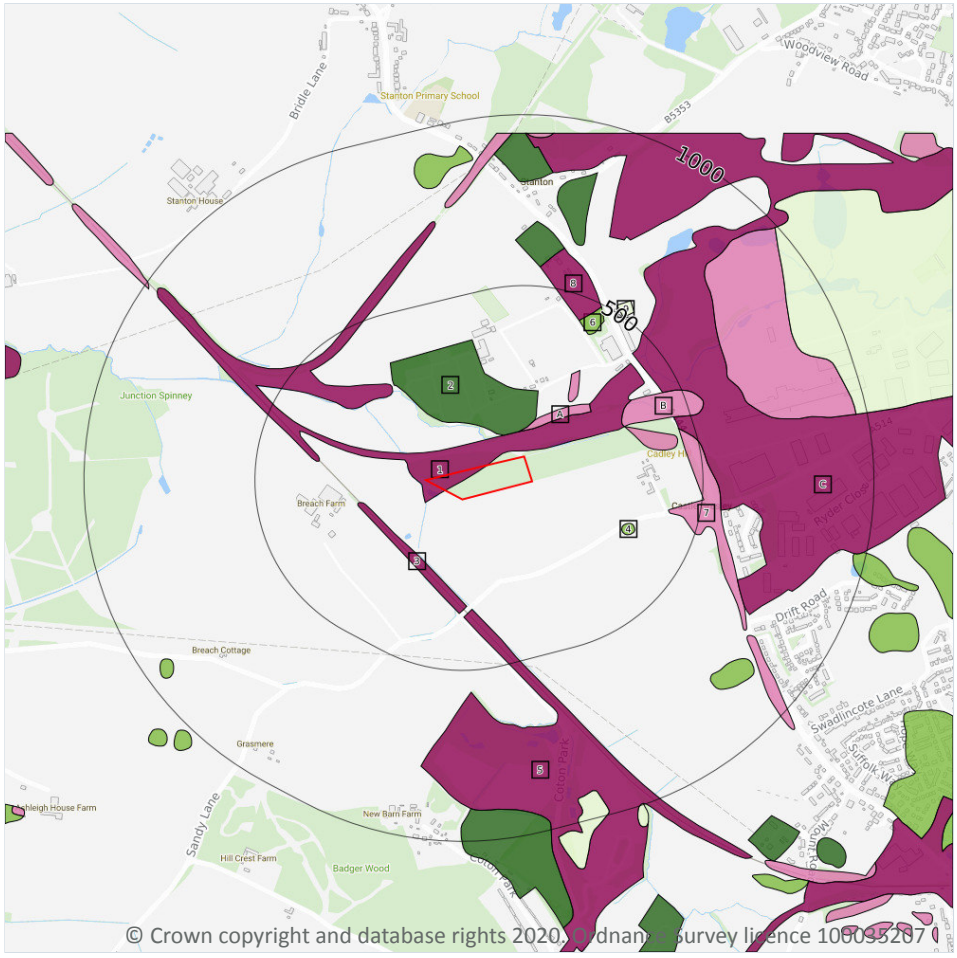
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

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

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**No coverage**	**SK21NE**

This data is sourced from the British Geological Survey.

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



Site Outline

Search buffers in metres (m)

- Reclaimed ground
- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped ground

14.2 Artificial and made ground (10k)

Records within 500m	14

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

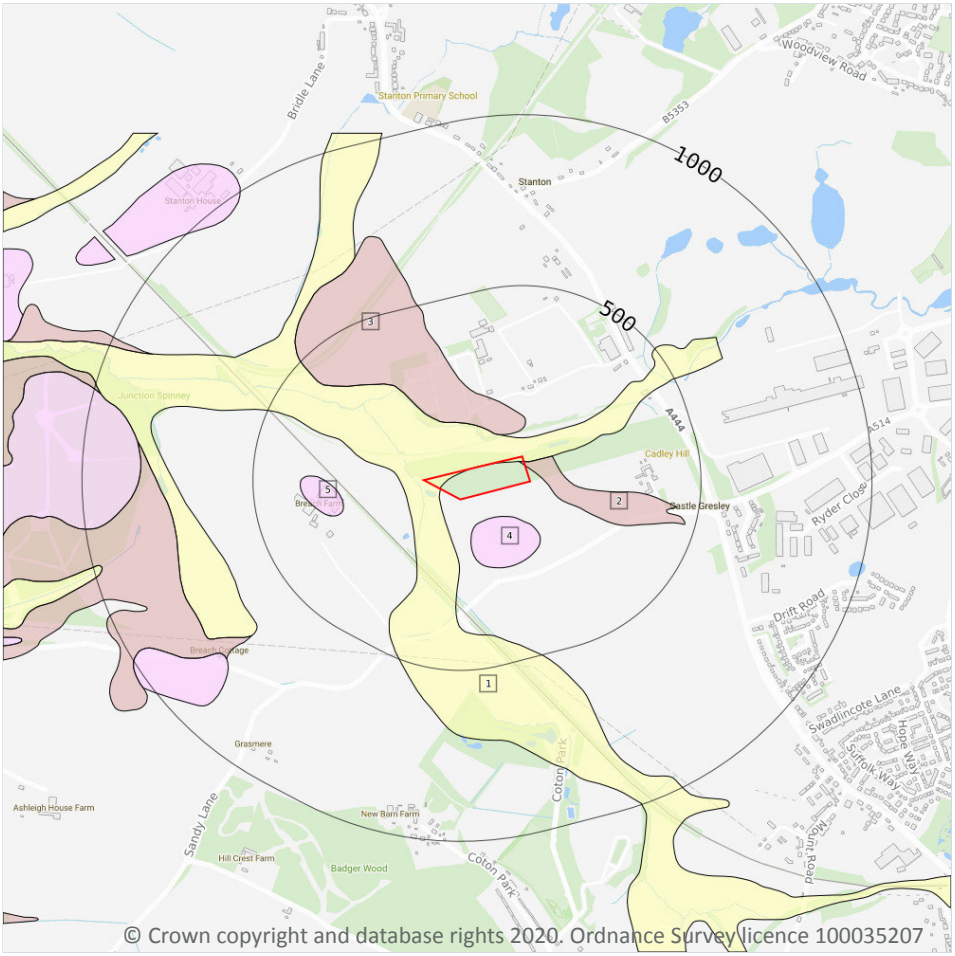
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 81**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
2	74m N	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
A	75m N	WGR-VOID	Worked Ground (Undivided)	Void
3	175m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

ID	Location	LEX Code	Description	Rock description
A	208m NE	WGR-VOID	Worked Ground (Undivided)	Void
4	295m SE	DDGR-UKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
B	302m E	WGR-VOID	Worked Ground (Undivided)	Void
B	306m E	WGR-VOID	Worked Ground (Undivided)	Void
5	323m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	404m NE	DDGR-UKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
7	408m E	WGR-VOID	Worked Ground (Undivided)	Void
8	429m N	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
C	434m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
9	500m NE	WMGR-ARTDP	Infilled Ground	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 **5**

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 83**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**ALV-XCZSV**	**Alluvium - Clay, Silt, Sand And Gravel**	**Clay, Silt, Sand And Gravel**
2	**On site**	**HEAD-XCZSV**	**Head - Clay, Silt, Sand And Gravel**	**Clay, Silt, Sand And Gravel**
3	73m N	HEAD-XCZSV	Head - Clay, Silt, Sand And Gravel	Clay, Silt, Sand And Gravel

ID	Location	LEX Code	Description	Rock description
4	75m S	GFDMP-XSV	Glaciofluvial Deposits, Mid Pleistocene - Sand And Gravel	Sand And Gravel
5	245m W	GFDMP-XSV	Glaciofluvial Deposits, Mid Pleistocene - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

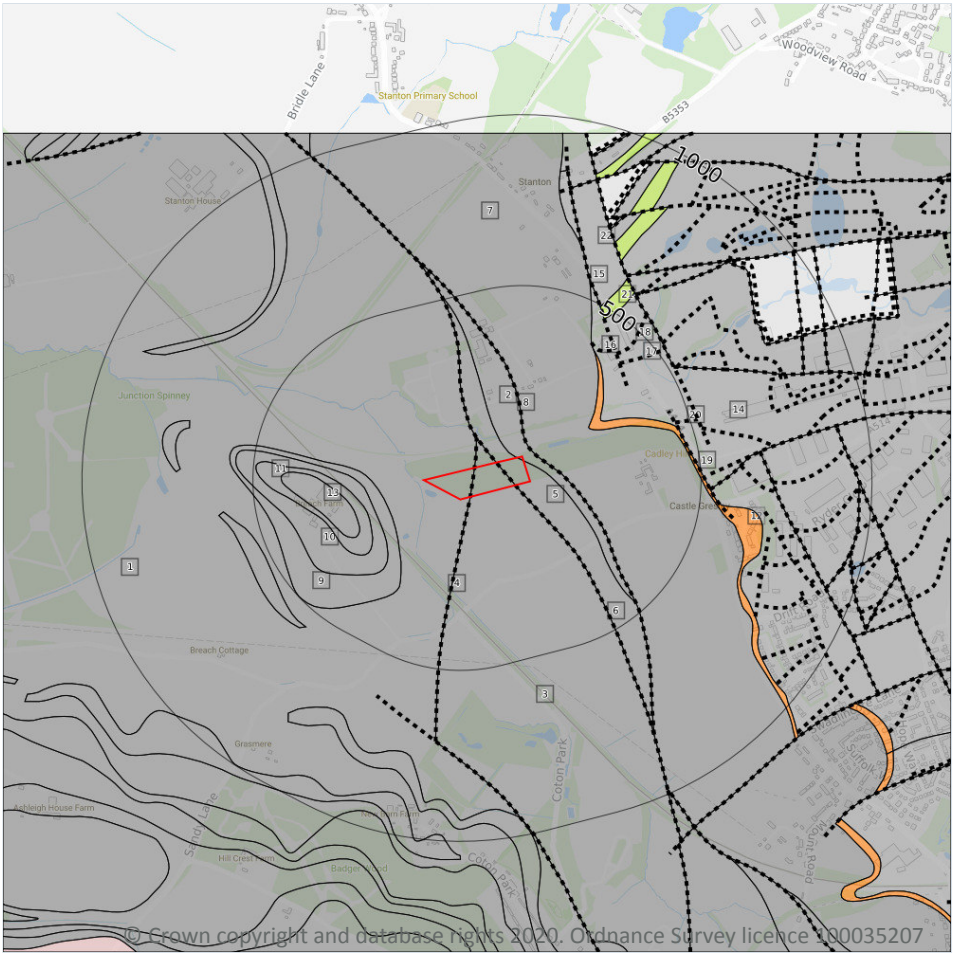
14.4 Landslip (10k)

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	13

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 85**

ID	Location	LEX Code	Description	Rock age
1	On site	BMS-MDST	Bromsgrove Sandstone Formation - Mudstone	Anisian Age - Early Triassic Epoch
2	On site	PLWF-MDST	Polesworth Formation - Mudstone	Early Triassic Epoch
3	On site	BMS-MDST	Bromsgrove Sandstone Formation - Mudstone	Anisian Age - Early Triassic Epoch

ID	Location	LEX Code	Description	Rock age
5	**On site**	**PLWF-SCON**	**Polesworth Formation - Interbedded Sandstone And Conglomerate**	**Early Triassic Epoch**
7	32m NE	PLWF-SCON	Polesworth Formation - Interbedded Sandstone And Conglomerate	Early Triassic Epoch
9	129m SW	BMS-SDST	Bromsgrove Sandstone Formation - Sandstone	Anisian Age - Early Triassic Epoch
10	167m SW	BMS-MDST	Bromsgrove Sandstone Formation - Mudstone	Anisian Age - Early Triassic Epoch
11	191m SW	BMS-SDST	Bromsgrove Sandstone Formation - Sandstone	Anisian Age - Early Triassic Epoch
12	213m NE	MOI-BREC	Moira Formation - Breccia	Anisian Age - Late Permian Epoch [Obsolete name]
13	223m SW	BMS-MDST	Bromsgrove Sandstone Formation - Mudstone	Anisian Age - Early Triassic Epoch
14	254m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
21	468m NE	PMCM-SDST	Pennine Middle Coal Measures Formation - Sandstone	Bolsovian Sub-age - Duckmantian Sub-age
22	494m NE	PMCM-MDSS	Pennine Middle Coal Measures Formation - Mudstone, Siltstone And Sandstone	Bolsovian Sub-age - 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.

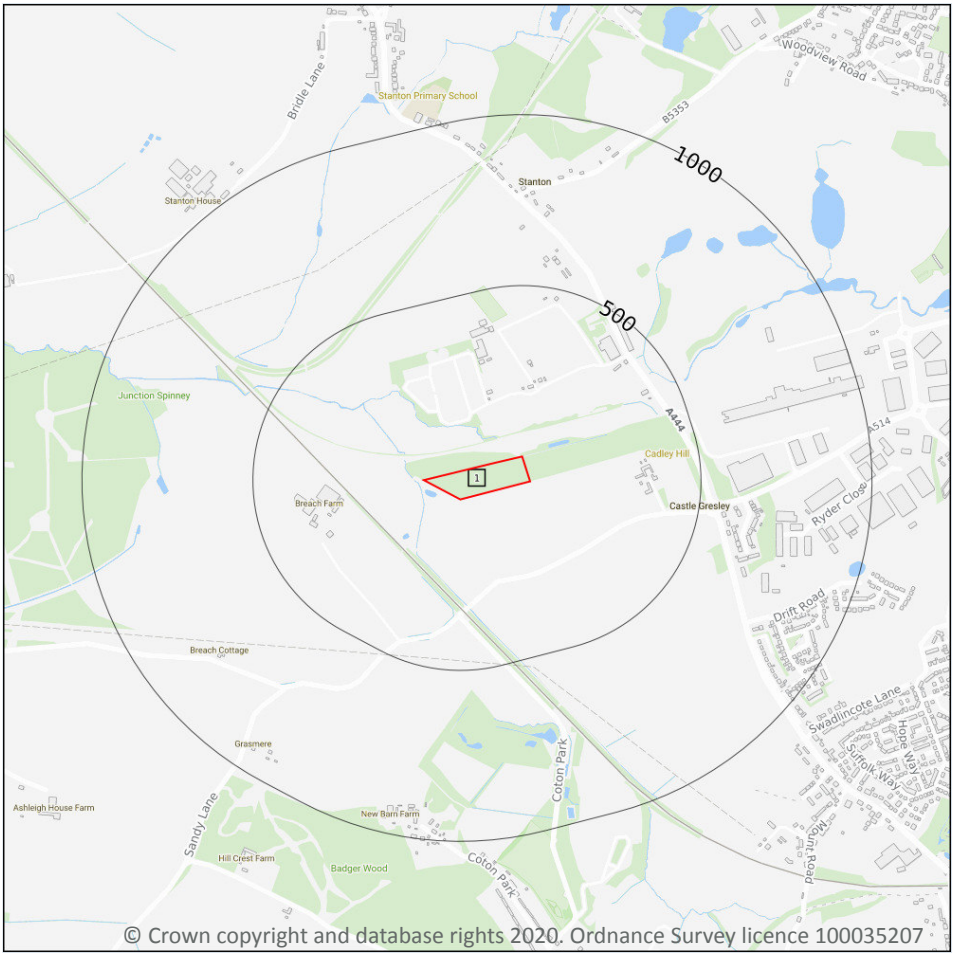
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 85**

ID	Location	Category	Description
4	**On site**	**FAULT**	**Normal fault, inferred; crossmarks on downthrow side**
6	**On site**	**FAULT**	**Normal fault, inferred; crossmarks on downthrow side**
8	32m NE	FAULT	Normal fault, inferred; crossmarks on downthrow side
15	370m NE	FAULT	Normal fault, inferred; crossmarks on downthrow side
16	383m NE	ROCK	Coal seam, observed (LITTLE)
17	394m NE	ROCK	Coal seam, inferred (LITTLE)

ID	Location	Category	Description
18	408m NE	ROCK	Coal seam, inferred (LITTLE KILBURN)
19	448m E	FAULT	Normal fault, inferred; crossmarks on downthrow side
20	456m E	ROCK	Coal seam, inferred (UPPER CANNEL)

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

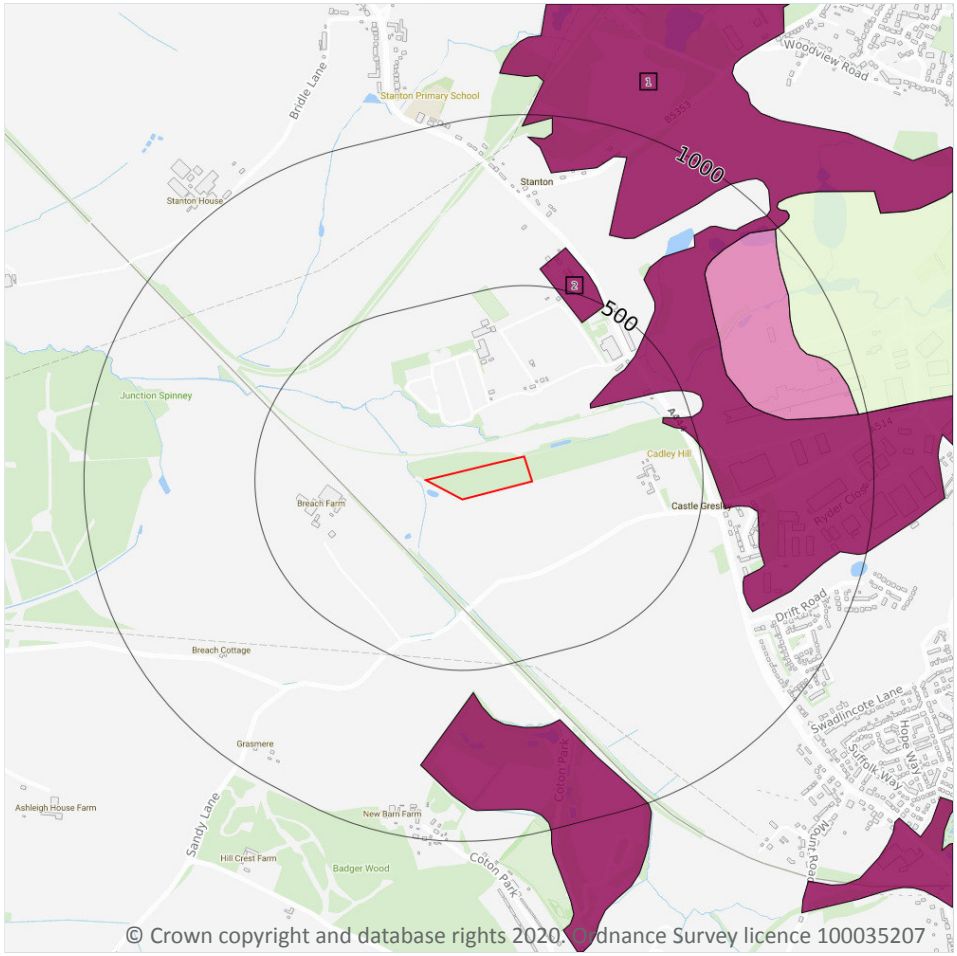
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

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

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW141_loughborough_v4**

This data is sourced from the British Geological Survey.

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



Site Outline

Search buffers in metres (m)

- Made ground
- Worked ground
- Infilled ground
- Disturbed ground
- Landscaped 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 89**

ID	Location	LEX Code	Description	Rock description
1	240m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	427m NE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

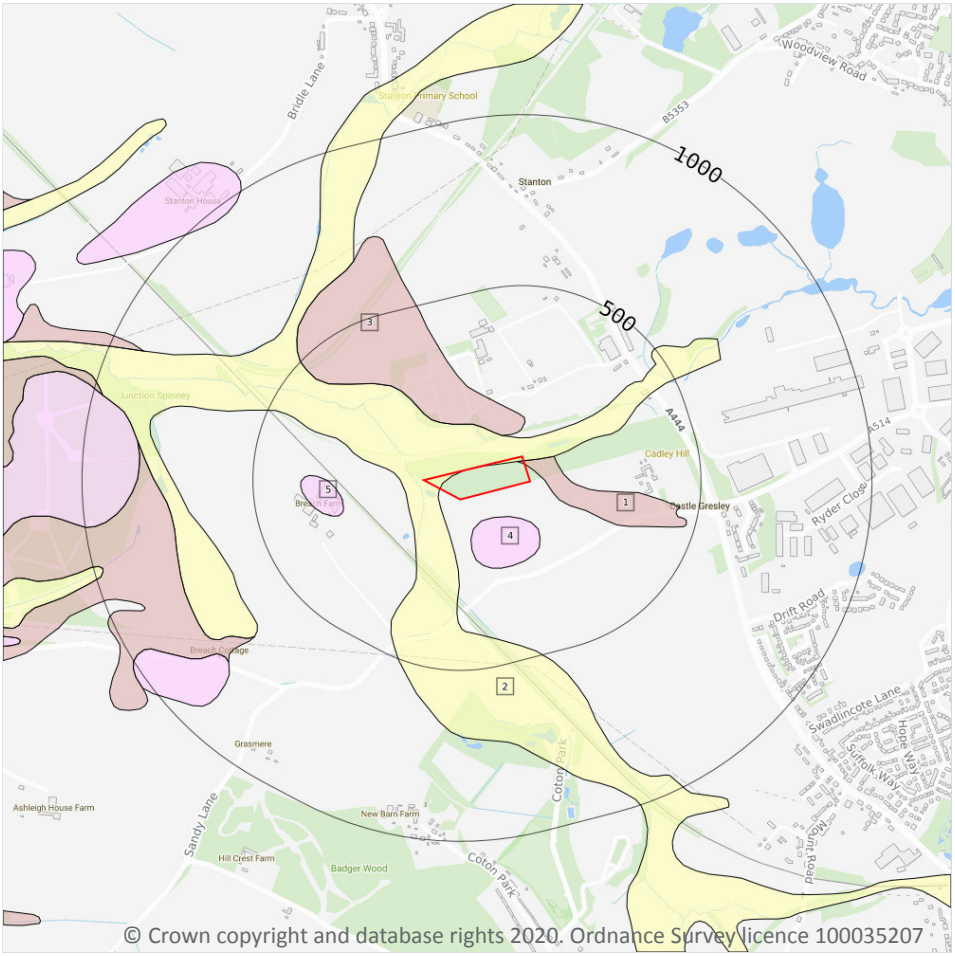
15.3 Artificial ground permeability (50k)

Records within 50m	0

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m	5

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 91**

ID	Location	LEX Code	Description	Rock description
1	**On site**	**HEAD-XCZSV**	**HEAD**	**CLAY, SILT, SAND AND GRAVEL**
2	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
3	70m N	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
4	76m S	GFDMP-XSV	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	SAND AND GRAVEL
5	246m 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	**2**

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Mixed**	**High**	**Very Low**
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.

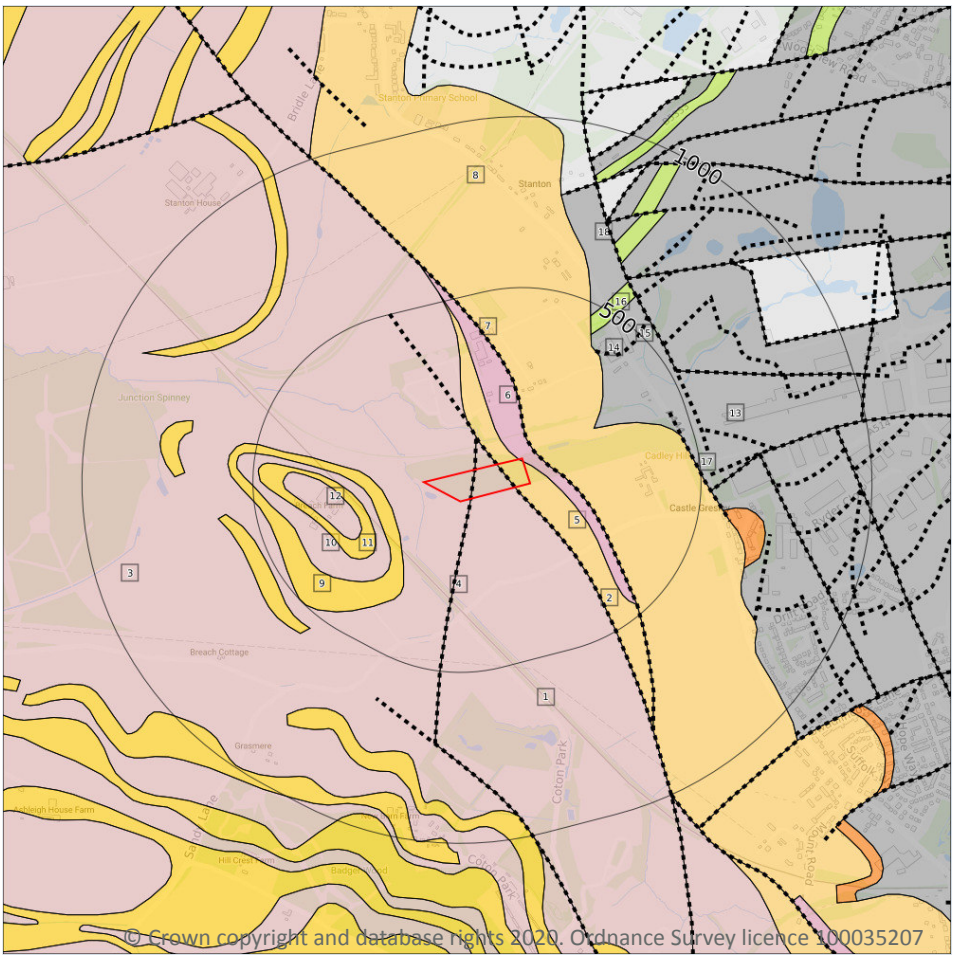
15.7 Landslip permeability (50k)

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 **12**

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 93**

ID	Location	LEX Code	Description	Rock age
1	On site	HEY-MDST	HELSBY SANDSTONE FORMATION - MUDSTONE	ANISIAN
3	On site	HEY-MDST	HELSBY SANDSTONE FORMATION - MUDSTONE	ANISIAN
5	On site	CHES-SCON	CHESTER FORMATION - SANDSTONE AND CONGLOMERATE, INTERBEDDED	OLENEKIAN

ID	Location	LEX Code	Description	Rock age
6	**On site**	**CHES-MDST**	**CHESTER FORMATION - MUDSTONE**	**OLENEKIAN**
8	41m NE	CHES-SCON	CHESTER FORMATION - SANDSTONE AND CONGLOMERATE, INTERBEDDED	OLENEKIAN
9	119m SW	HEY-SDST	HELSBY SANDSTONE FORMATION - SANDSTONE	ANISIAN
10	161m W	HEY-MDST	HELSBY SANDSTONE FORMATION - MUDSTONE	ANISIAN
11	189m SW	HEY-SDST	HELSBY SANDSTONE FORMATION - SANDSTONE	ANISIAN
12	217m SW	HEY-MDST	HELSBY SANDSTONE FORMATION - MUDSTONE	ANISIAN
13	228m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN
16	415m NE	PMCM-SDST	PENNINE MIDDLE COAL MEASURES FORMATION - SANDSTONE	WESTPHALIAN
18	463m NE	PMCM-MDSS	PENNINE MIDDLE COAL MEASURES FORMATION - MUDSTONE, SILTSTONE AND SANDSTONE	WESTPHALIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m **3**

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

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

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m **6**

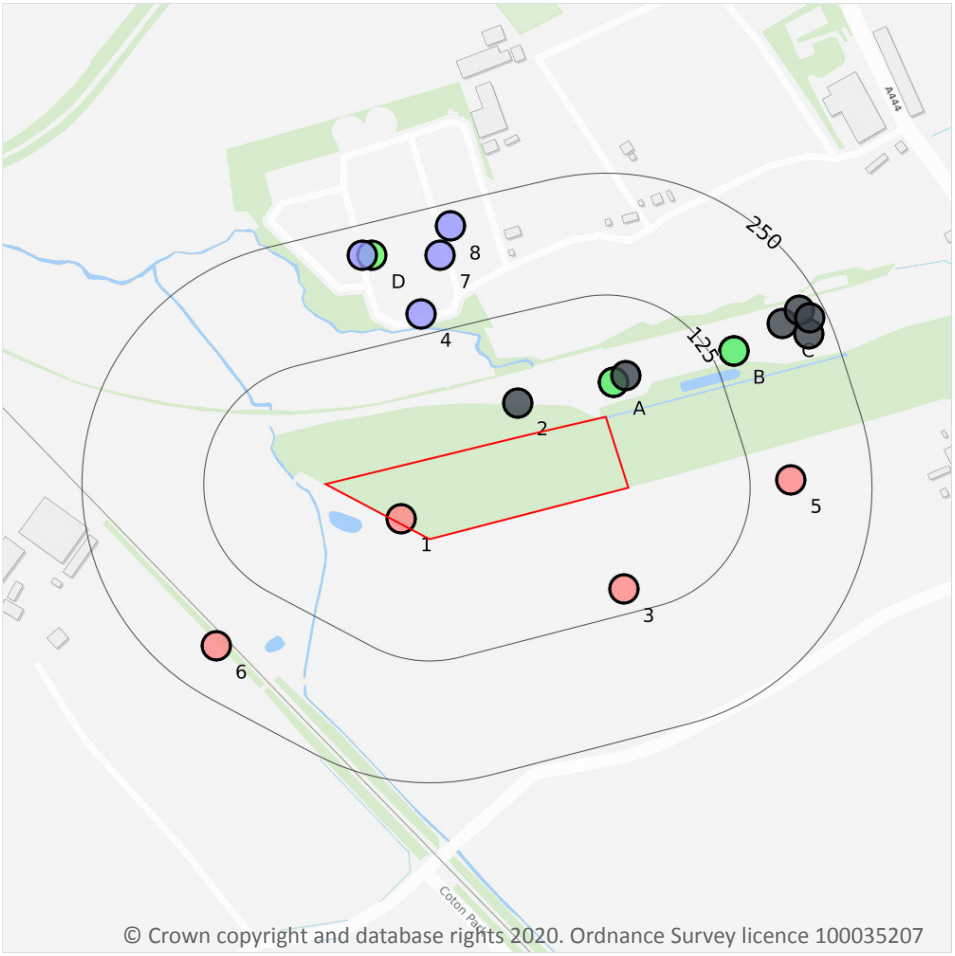
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 93**

ID	Location	Category	Description
2	**On site**	**FAULT**	**Fault, inferred**
4	**On site**	**FAULT**	**Fault, inferred**
7	41m NE	FAULT	Fault, inferred
14	381m NE	ROCK	Coal seam, observed
15	408m NE	ROCK	Coal seam, observed
17	452m E	FAULT	Fault, inferred, displacement unknown

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

Confidential

0 - 10m

10 - 30m

30m+

Unknown

16.1 BGS Boreholes

Records within 250m	19

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

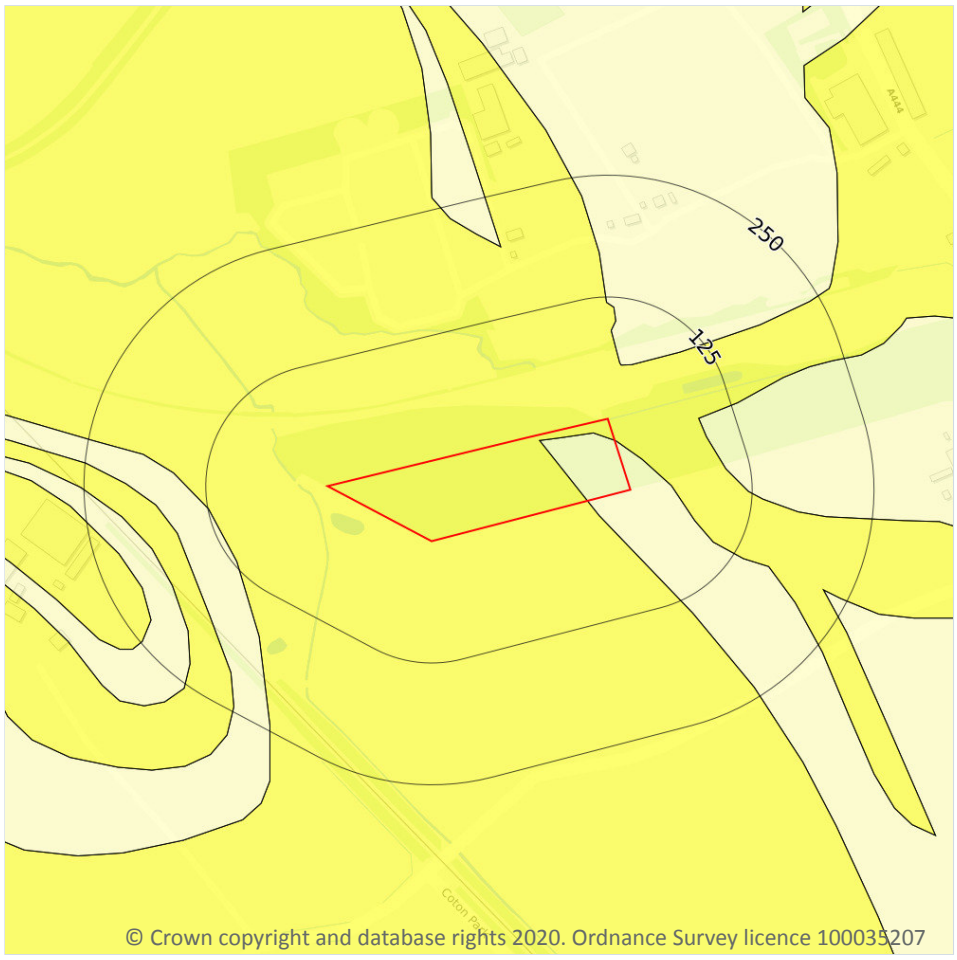
Features are displayed on the Boreholes map on **page 96**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	**On site**	**426830 318950**	**SANDPIT**	**276.45**	**N**	**196899**
2	35m N	426949 319069	CADLEY HILL AQUIFER MONITORING BOREHOLE	-	Y	N/A
A	36m N	427048 319090	NADINS OC SITE 75	6.0	N	197184

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	36m N	427048 319090	NADINS OPENCAST SITE 1163	12.0	N	198943
A	47m NE	427060 319097	PROP LAYOUT DISPOS' PNT BH1A	-	Y	N/A
3	99m S	427058 318878	CAULDWELL LANE	117.5	N	196966
4	147m N	426850 319160	STANTON WRW 2	4.2	N	199725
B	148m NE	427171 319122	NADINS OC SITE 74	9.05	N	197183
B	148m NE	427171 319122	NADINS OPENCAST SITE 1162	18.0	N	198942
5	167m E	427230 318990	CADLEY HILL 4 CASTLE GRESTLEY	57.15	N	196906
6	200m SW	426640 318820	BREACH FARM	281.63	N	196898
7	200m N	426870 319220	STANTON WRW 3	4.7	N	199726
C	205m NE	427221 319150	PROP LAYOUT DISPOS' PNT BH2	-	Y	N/A
D	217m N	426800 319220	STANTON WRW DH 1A	15.0	N	199731
D	219m N	426790 319220	STANTON WRW 1	4.6	N	199724
C	225m E	427248 319140	PROP LAYOUT DISPOS' PNT BH3	-	Y	N/A
C	227m NE	427238 319164	PROP LAYOUT DISPOS' PNT BH5	-	Y	N/A
8	227m N	426880 319250	STANTON WRW 7	5.1	N	199730
C	233m NE	427249 319156	PROP LAYOUT DISPOS' PNT BH4	-	Y	N/A

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

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

17.1 Shrink swell clays

Records within 50m	2

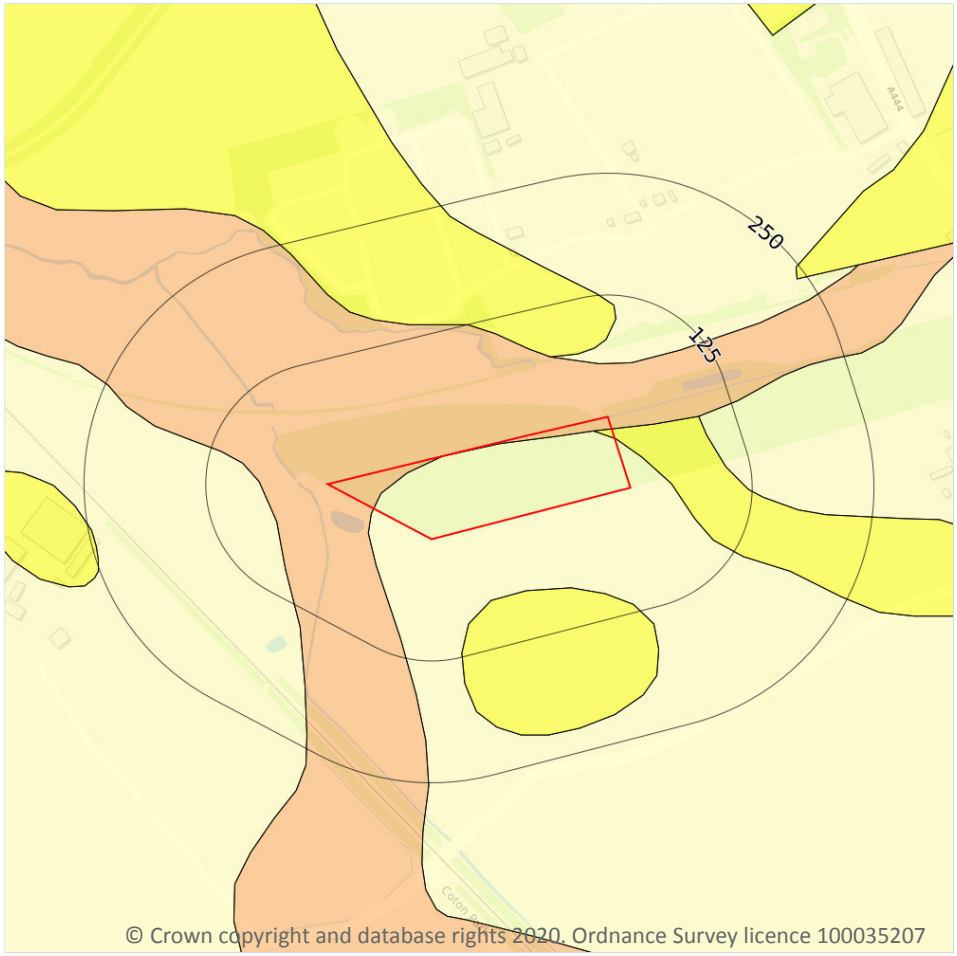
The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and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

Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 98**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
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	3

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

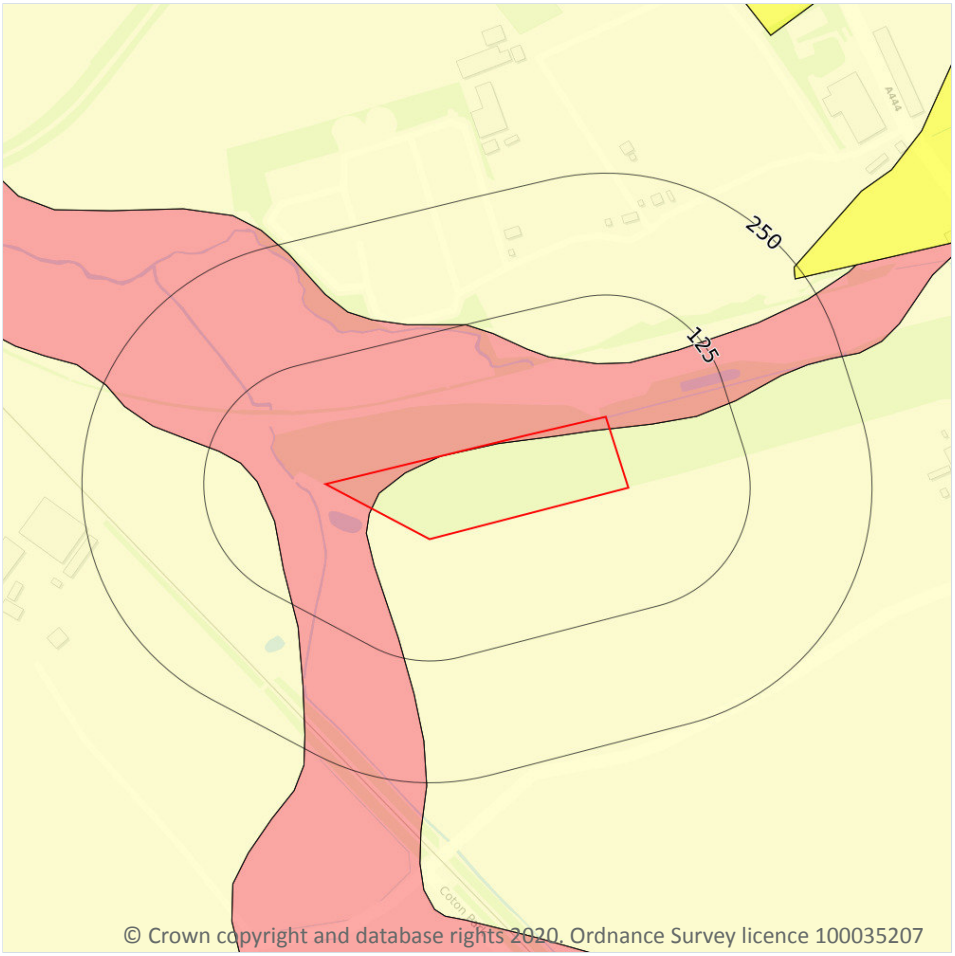
Features are displayed on the Natural ground subsidence - Running sands map on **page 99**

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

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**
On site	**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	2

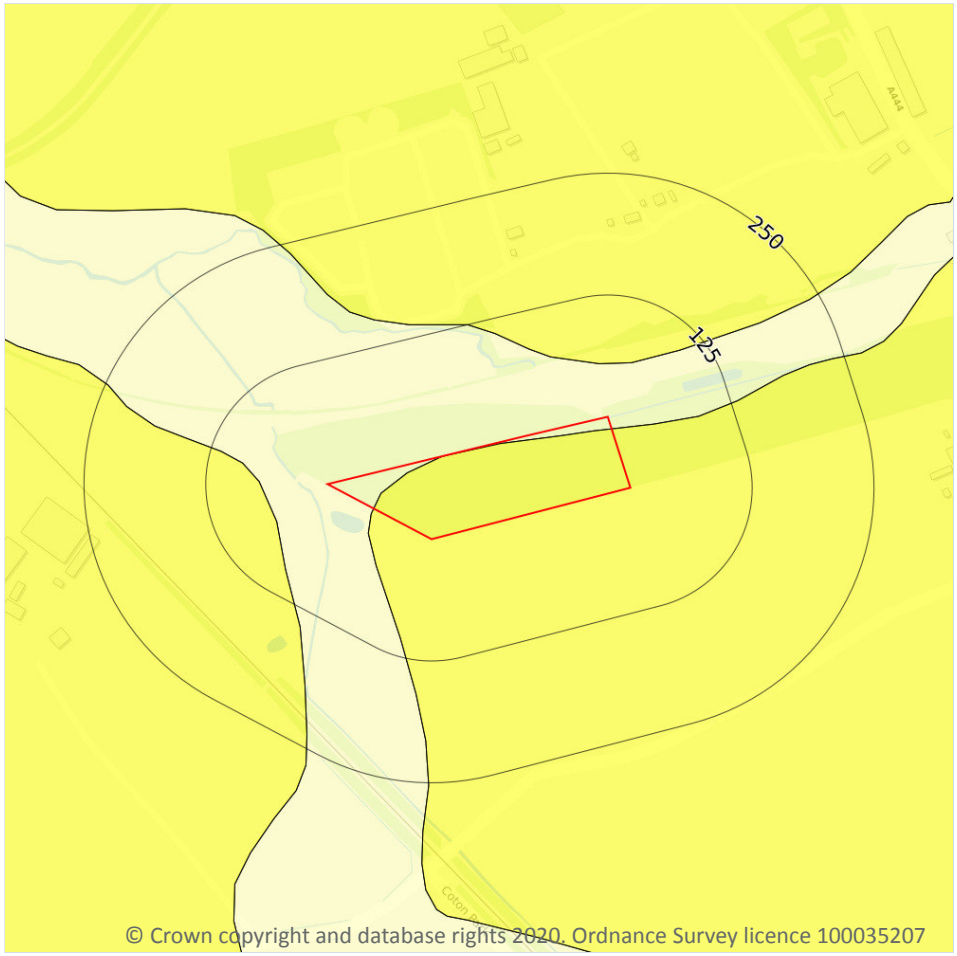
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

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

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

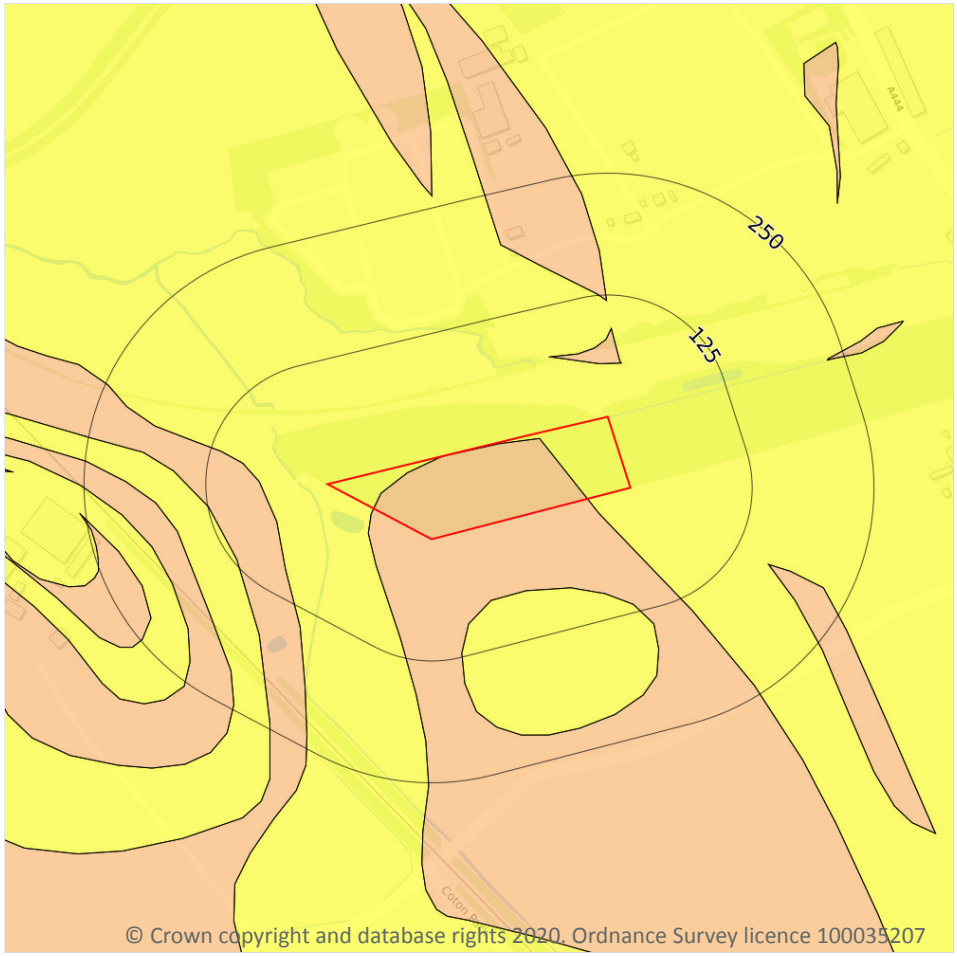
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 103**

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

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

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

17.5 Landslides

Records within 50m	2

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

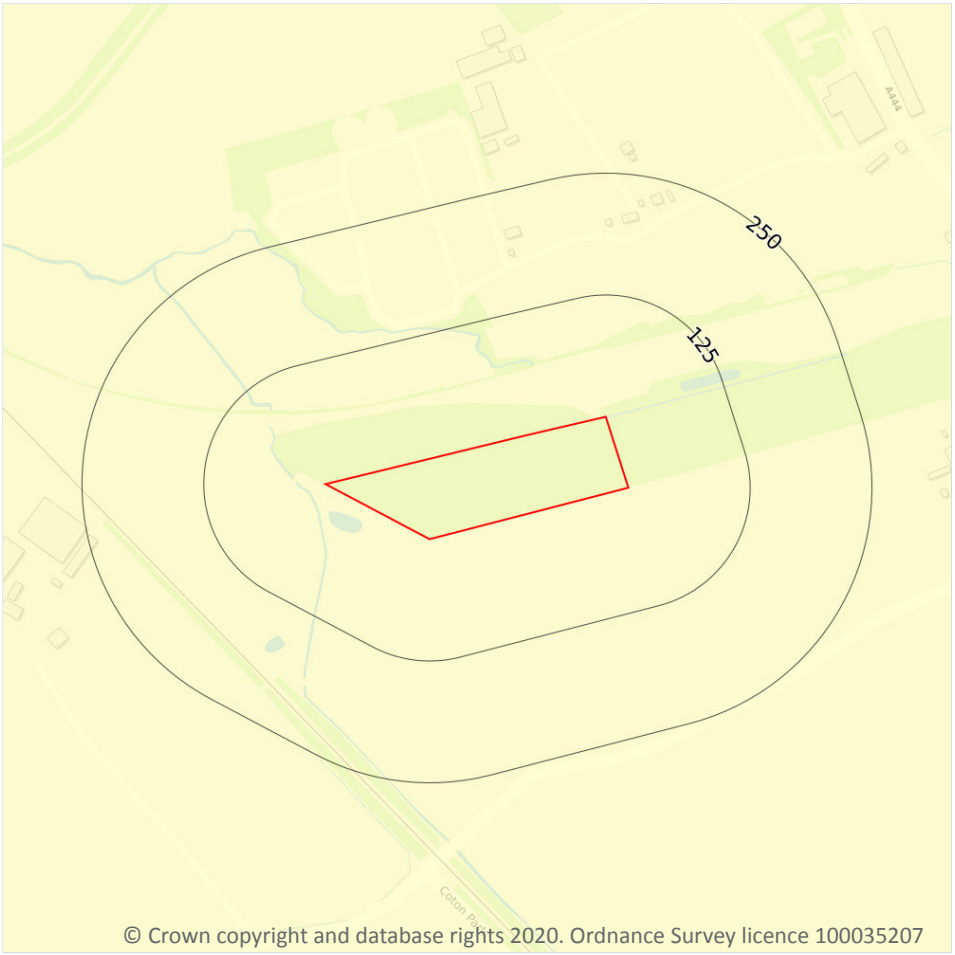
Features are displayed on the Natural ground subsidence - Landslides map on **page 104**

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

Location	Hazard rating	Details
On site	**Low**	**Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.**

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 106**

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

This data is sourced from the British Geological Survey.

18 Mining, ground workings and natural cavities

Site Outline

Search buffers in metres (m)

Natural cavities (Area)

Natural cavities (Point)

BritPits

Surface ground workings

Underground workings

Historical Mineral Planning Areas

Mining Cavities

Non Coal Mining

Sporadic underground mining of restricted extent possible

Localised small scale underground mining possible

Small scale mining possible

Underground mining known or likely within or in close proximity

Underground mining known within or in very close proximity

18.1 Natural cavities

Records within 500m	0

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

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

18.2 BritPits

Records within 500m	1

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 108**

ID	Location	Details	Description
J	295m NE	Name: Stanton Sand Pit Address: Stanton, SWADLINCOTE, Derbyshire Commodity: Sand Status: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site	Type: Ceased Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.3 Surface ground workings

Records within 250m	22

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 108**

ID	Location	Land Use	Year of mapping	Mapping scale
A	26m N	Pond	1967	1:10560
A	66m N	Cuttings	1938	1:10560
A	66m N	Cuttings	1900	1:10560
A	66m N	Cuttings	1882	1:10560
B	73m N	Sewage Works	1989	1:10000
B	73m N	Sewage Works	1974	1:10000
A	86m NE	Cuttings	1925	1:10560
A	86m NE	Cuttings	1950	1:10560
A	103m NE	Pond	1967	1:10560
C	103m N	Ponds	1938	1:10560
C	104m N	Ponds	1925	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
D	138m N	Sewage Farm	1900	1:10560
D	171m N	Sewage Farm	1925	1:10560
D	171m N	Sewage Farm	1925	1:10560
1	174m N	Sewage Works	1950	1:10560
B	203m N	Pond	1989	1:10000
B	203m N	Pond	1974	1:10000
F	233m N	Unspecified Pit	1989	1:10000
F	233m N	Unspecified Pit	1974	1:10000
F	233m N	Unspecified Pit	1967	1:10560
G	243m NE	Pond	1989	1:10000
G	243m NE	Pond	1974	1:10000

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground workings

Records within 1000m	**19**

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 108**

ID	Location	Land Use	Year of mapping	Mapping scale
O	459m E	Disused Colliery	1989	1:10000
O	459m E	Colliery	1974	1:10000
-	704m E	Unspecified Mine	1967	1:10560
7	707m S	Disused Colliery	1950	1:10560
-	709m E	Colliery	1950	1:10560
-	725m E	Colliery	1938	1:10560
-	725m E	Colliery	1900	1:10560
-	725m E	Colliery	1882	1:10560
-	820m N	Unspecified Mine	1967	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
-	820m N	Colliery	1950	1:10560
-	823m N	Colliery	1938	1:10560
-	835m N	Colliery	1900	1:10560
-	840m S	Colliery	1882	1:10560
-	843m N	Colliery	1882	1:10560
-	945m N	Colliery	1950	1:10560
-	953m N	Air Shaft	1938	1:10560
-	953m N	Air Shaft	1900	1:10560
-	972m N	Unspecified Shafts	1882	1:10560
-	984m N	Unspecified Shafts	1882	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m **1**

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

Features are displayed on the Mining, ground workings and natural cavities map on **page 108**

ID	Location	Site Name	Mineral	Type	Planning Status	Planning Status Date
3	375m E	Burton Road	Sand and gravel	Surface mineral working	Valid	19/11/64

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m **2**

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 108**

ID	Location	Name	Commodity	Class	Likelihood
E	228m NE	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
-	953m N	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

This data is sourced from the British Geological Survey.

18.7 Mining cavities

Records within 1000m	**0**

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

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

18.8 JPB mining areas

Records on site	**1**

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

Location	Details
On site	**In addition to being located inside an area where The Coal Authority have information on coal mining activities, Johnson Poole & Bloomer (JPB) have information such as mining plans and maps held within their archive of mining activities that have occurred within 1km of this property which may supplement this information. Further details and a quote for services can be obtained by emailing this report to enquiries.gs@jpb.co.uk.**

This data is sourced from Johnson Poole and Bloomer.

18.9 Coal mining

Records on site	**1**

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

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

This data is sourced from the Coal Authority.

18.10 Brine areas

Records on site	**0**

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

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

18.11 Gypsum areas

Records on site	**0**

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.12 Tin mining

Records on site	**0**

Generalised areas that may be affected by historical tin mining.

This data is sourced from Mining Searches UK.

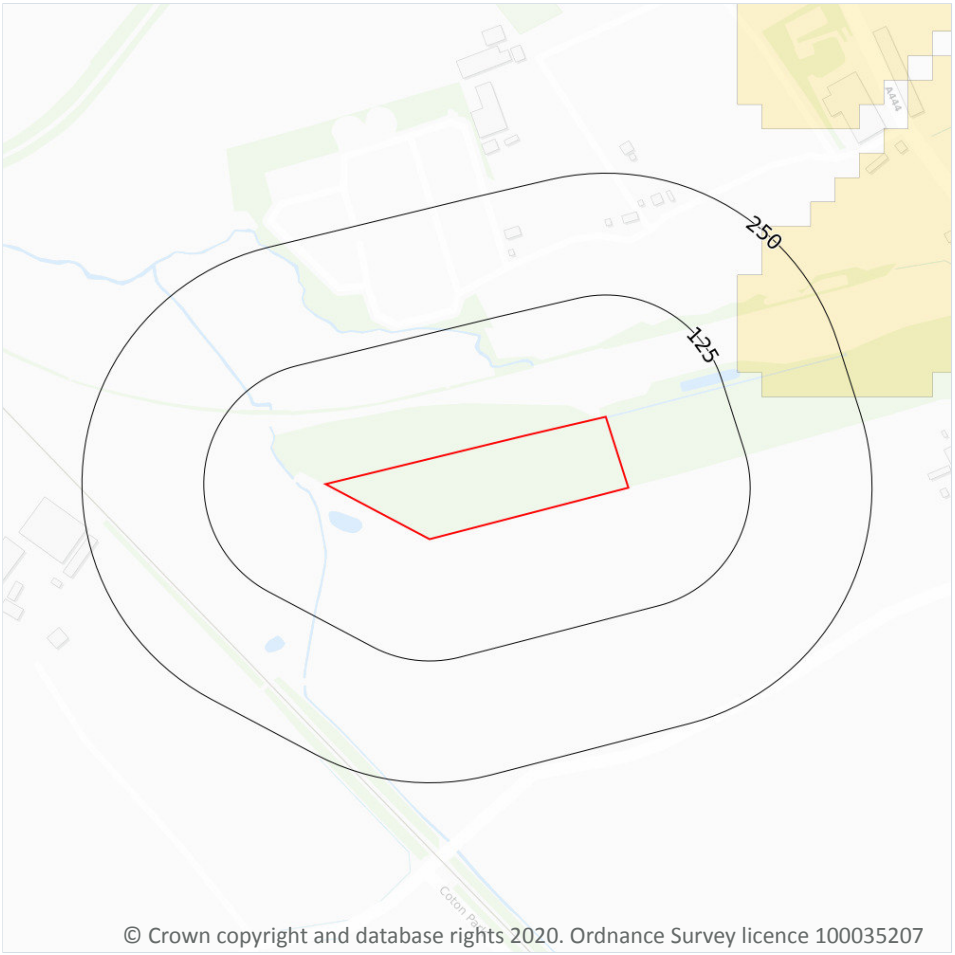
18.13 Clay mining

Records on site	**0**

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

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

19 Radon



Site Outline

Search buffers in metres (m)

Greater than 30%

Between 10% and 30%

Between 5% and 10%

Between 3% and 5%

Between 1% and 3%

Less than 1%

19.1 Radon

Records on site	1

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

Features are displayed on the Radon map on **page 114**

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

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

20 Soil chemistry

20.1 BGS Estimated Background Soil Chemistry

Records within 50m	20

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 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**300 - 600 mg/kg**	**240 - 360 mg/kg**	**3.0 - 6.0 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 - 200 mg/kg**	**60 - 120 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
5m E	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
31m NE	15 - 25 mg/kg	No data	300 - 600 mg/kg	240 - 360 mg/kg	3.0 - 6.0 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
31m E	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
41m NE	15 mg/kg	No data	100 - 200 mg/kg	60 - 120 mg/kg	1.8 mg/kg	40 - 60 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.

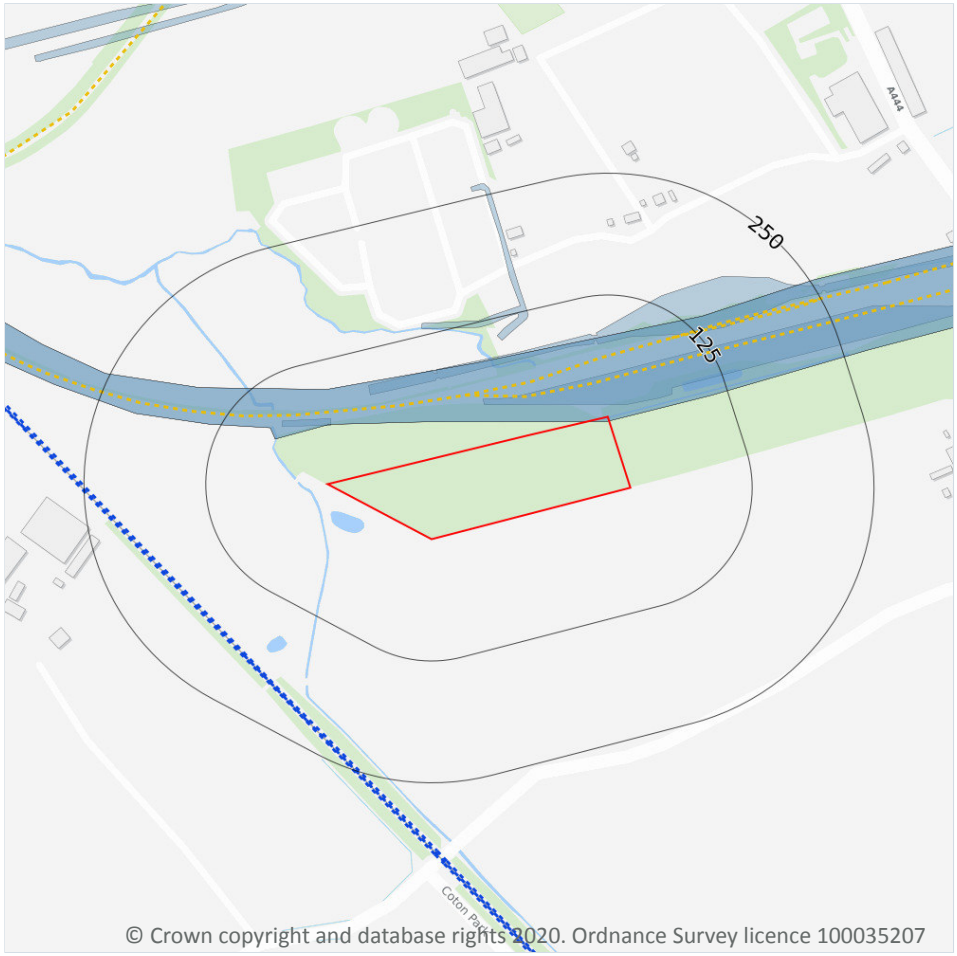
20.3 BGS Measured Urban Soil Chemistry

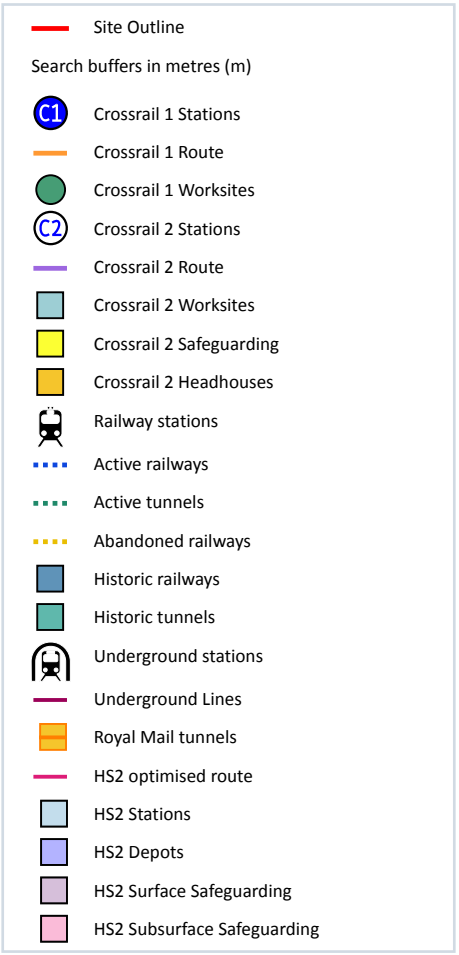
Records within 50m	**0**

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	6

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 117**

Location	Land Use	Year of mapping	Mapping scale
On site	**Railway Sidings**	**1989**	**10000**
On site	**Railway Sidings**	**1974**	**10000**
12m N	Railway Sidings	1969	2500
58m N	Railway Sidings	1969	2500
75m N	Railway	1883	-
101m N	Railway Sidings	1959	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	3

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 117**

Location	Description
37m N	Razed
53m N	Disused
104m NE	Disused

This data is sourced from OpenStreetMap.

21.7 Railways

Records within 250m	7

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 117**

Location	Name	Type
182m SW	Freight Line	rail
184m SW	Not given	Multi Track
185m SW	Freight Line	rail
185m SW	Not given	Multi Track
195m SW	Not given	Multi Track
224m SW	Not given	Multi Track
234m SW	Not given	Multi Track

This data is sourced from Ordnance Survey and OpenStreetMap.

21.8 Crossrail 1

Records within 500m	0

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

This data is sourced from publicly available information by Groundsure.

21.9 Crossrail 2

Records within 500m	0

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

This data is sourced from publicly available information by Groundsure.

21.10 HS2

Records within 500m	0

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

This data is sourced from HS2 ltd.

Data providers

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

Terms and conditions

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

APPENDIX 6 - Coal Authority Report

The Coal Authority

CON29M
coal mining report

CADLEY HILL FARM, CADLEY LANE, CALDWELL, SWADLINCOTE, DERBYSHIRE DE11 9EL

Known or potential coal mining risks

Past underground coal mining	Page 3
Future underground coal mining	Page 3

Further action

No further reports from the Coal Authority are required. Further information on any next steps can be found in our Professional opinion.

For more information on our reports please visit www.groundstability.com

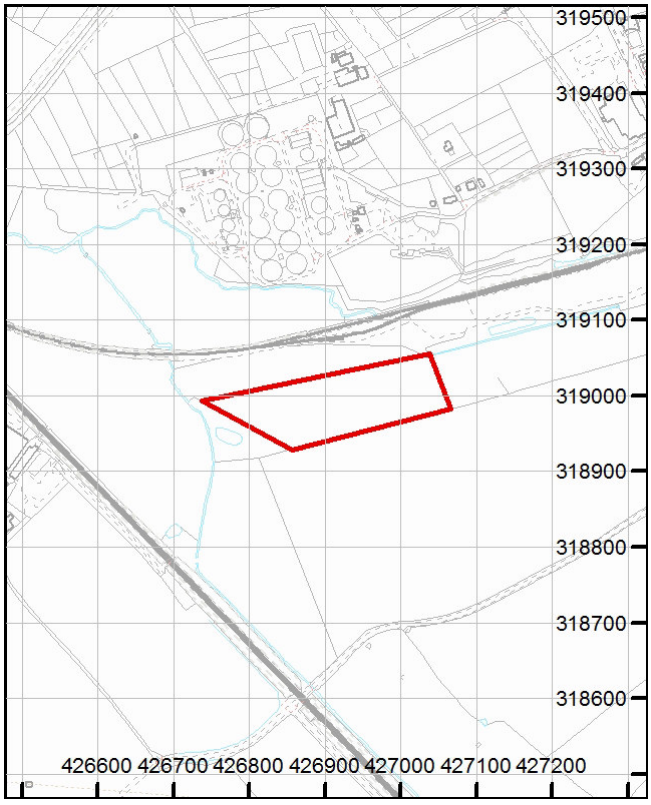
Professional opinion

According to the official mining information records held by the Coal Authority at the time of this search, evidence of, or the potential for, coal mining related features have been identified. It is unlikely that these features will impact on the stability of the enquiry boundary.

Enquiry boundary

Key

Approximate position of enquiry boundary shown



We can confirm that the location is **on the coalfield**

Map data

This report is prepared in accordance with the latest Law Society's Guidance Notes 2018, the User Guide 2018 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Accessibility

If you would like this information in an alternative format, please contact our communications team on 0345 762 6848 or email communications@coal.gov.uk.

Detailed findings

Information provided by the Coal Authority in this report is compiled in response to the Law Society's CON29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL.

1 Past underground coal mining

The property is in a surface area that could be affected by underground mining in 5 seams of coal at 130m to 260m depth, and last worked in 1956.

Any movement in the ground due to coal mining activity associated with these workings should have stopped by now.

2 Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3 Future underground coal mining

The property is not in an area where the Coal Authority has received an application for, and is currently considering whether to grant a licence to remove or work coal by underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4 Mine entries

There are no recorded coal mine entries known to the Coal Authority within, or within 20 metres, of the boundary of the property.

5 Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6 Past opencast coal mining

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7 Present opencast coal mining

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8 Future opencast coal mining

There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9 Coal mining subsidence

The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31 October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10 Mine gas

The Coal Authority has no record of a mine gas emission requiring action.

11 Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Coal Authority, under its Emergency Surface Hazard Call Out procedures.

12 Withdrawal of support

The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13 Working facilities order

The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14 Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Statutory cover

Coal mining subsidence

In the unlikely event of any coal mining related subsidence damage, the Coal Authority or the mine operator has a duty to take remedial action in respect of subsidence caused by the withdrawal of support from land or property in connection with lawful coal mining operations.

When the works are the responsibility of the Coal Authority, our dedicated public safety and subsidence team will manage the claim. The house or land owner ("the owner") is covered for these works under the terms of the Coal Mining Subsidence Act 1991 (as amended by the Coal Industry Act 1994). Please note, this Act does not apply where coal was worked or gotten by virtue of the grant of a gale in the Forest of Dean, or any other part of the Hundred of St. Briavels in the county of Gloucester.

If you believe your land or property is suffering from coal mining subsidence damage and you need more information on what to do next, please use the following link to our website which sets out what your rights are and what you need to consider before making a claim.
www.gov.uk/government/publications/coal-mining-subsidence-damage-notice-form

Coal mining hazards

Our public safety and subsidence team provide a 24 hour a day, 7 days a week hazard reporting service, to help protect the public from hazards caused by past coal workings, such as a mine shaft or shallow working collapse. To report any hazards please call 01623 646 333. Further information can be found on our website: www.gov.uk/coalauthority.

Glossary

Key terms

adit - horizontal or sloped entrance to a mine

coal mining subsidence - ground movement caused by the removal of coal by underground mining

Coal Mining Subsidence Act 1991 - the Act setting out the duties of the Coal Authority to repair damage caused by coal mining subsidence

coal mining subsidence damage - damage to land, buildings or structures caused by the removal of coal by underground mining

coal seams - bed of coal of varying thickness

future opencast coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal from the surface

future underground coal mining - a licence granted, or licence application received, by the Coal Authority to excavate coal underground. Although it is unlikely, remaining coal reserves could create a possibility for future mining, which would be licensed by the Coal Authority

mine entries - collective name for shafts and adits

payments to owners of former copyhold land - historically, copyhold land gave rights to coal to the copyholder. Legislation was set up to allow others to work this coal, but they had to issue a notice and pay compensation if a copyholder came forward

shaft - vertical entry into a mine

site investigation - investigations of coal mining risks carried out with the Coal Authority's permission

stop notice - a delay to repairs because further coal mining subsidence damage may occur and it would be unwise to carry out permanent repairs

subsidence claim - a formal notice of subsidence damage to the Coal Authority since it was established on 31 October 1994

withdrawal of support - a historic notice informing landowners that the coal beneath their property was going to be worked

working facilities orders - a court order which gave permission, restricted or prevented coal mine workings