

Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

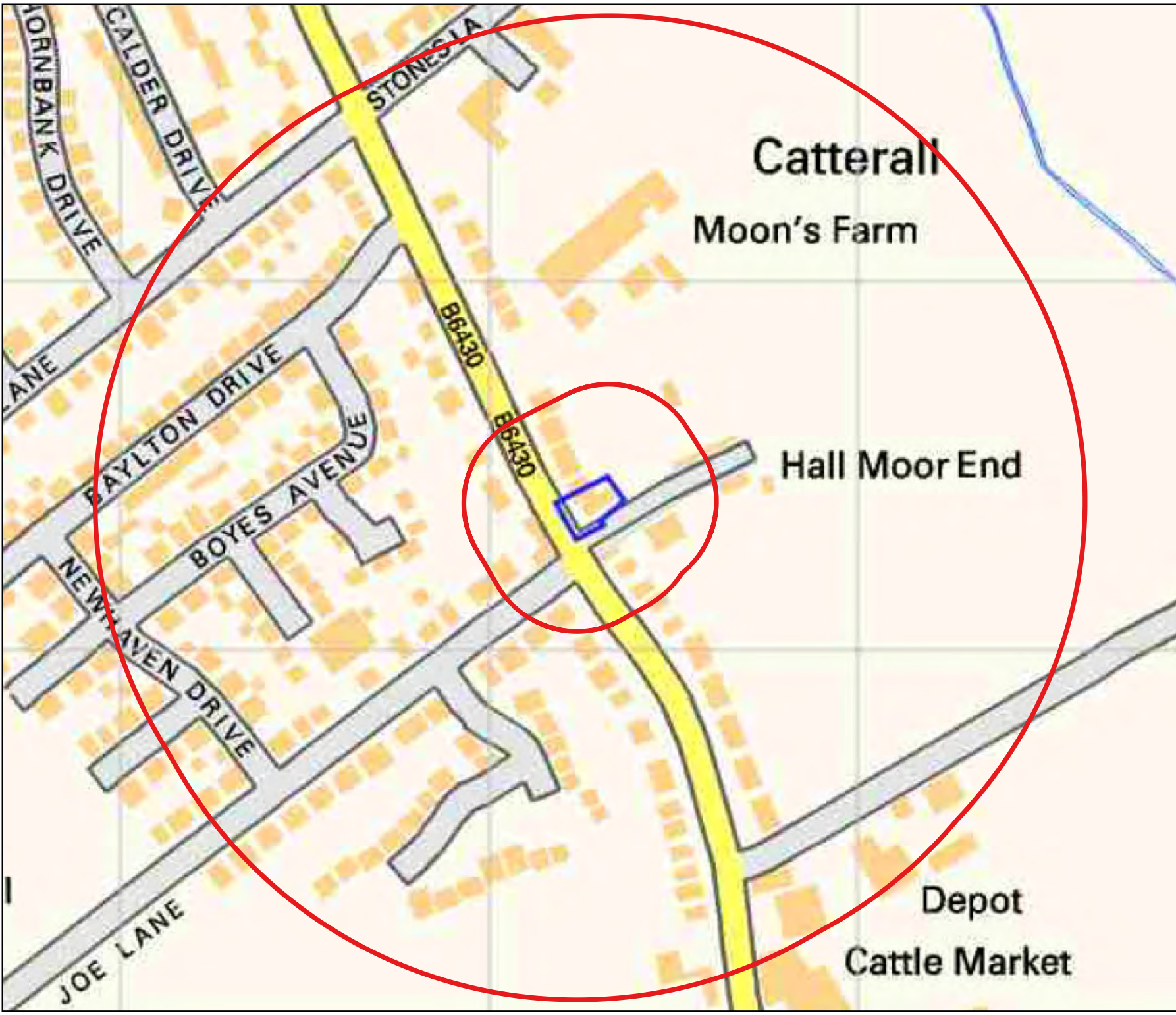
Email: enquiries@demeter-environmental.co.uk

Date of Map: 2000

Site Name: 83 Garstang Road

Scale: 1:2,700 at A4





Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

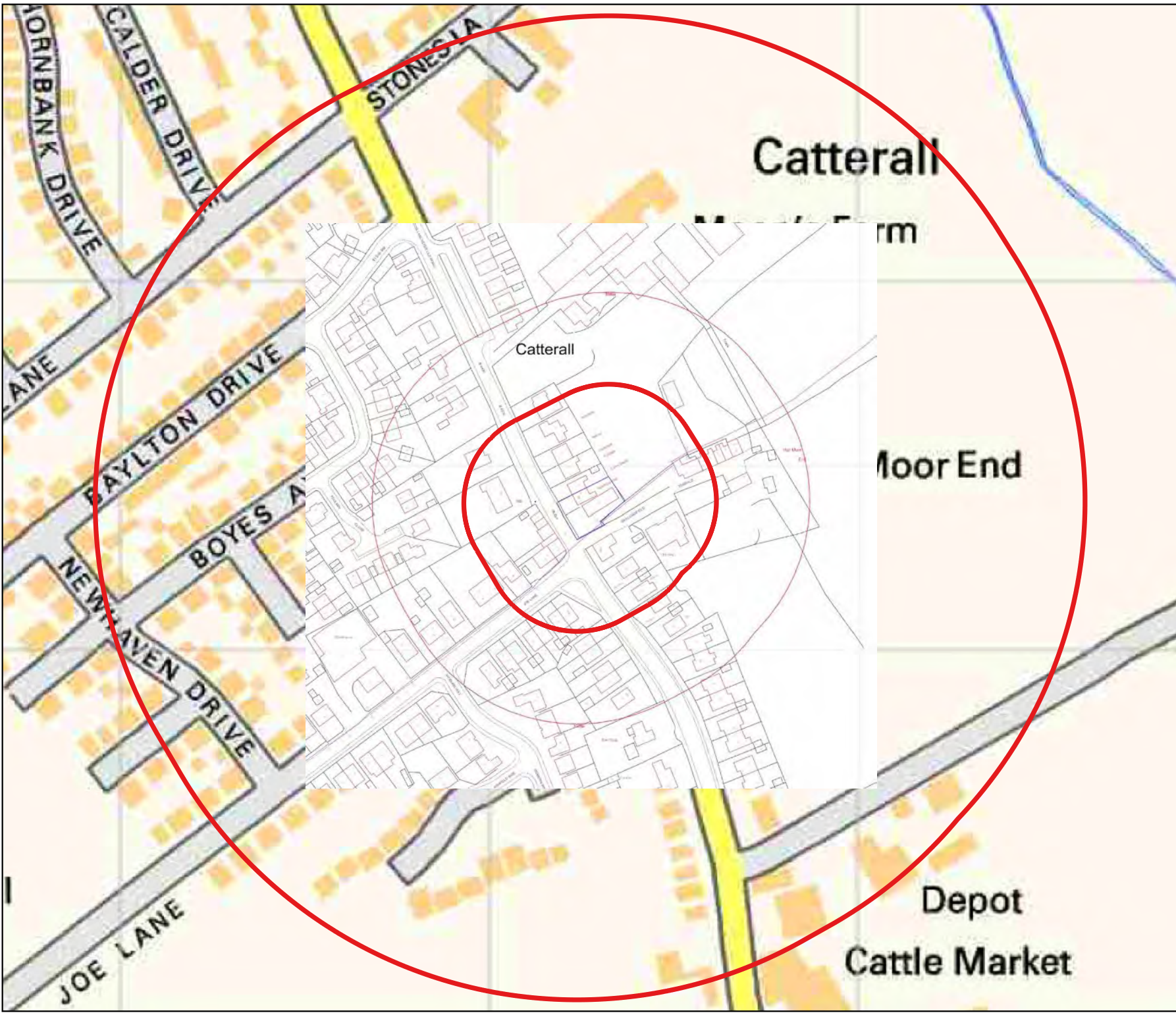
Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2001

Site Name: 83 Garstang Road



Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

Tel: 0151 521 2539
Fax: 0151 909 3661

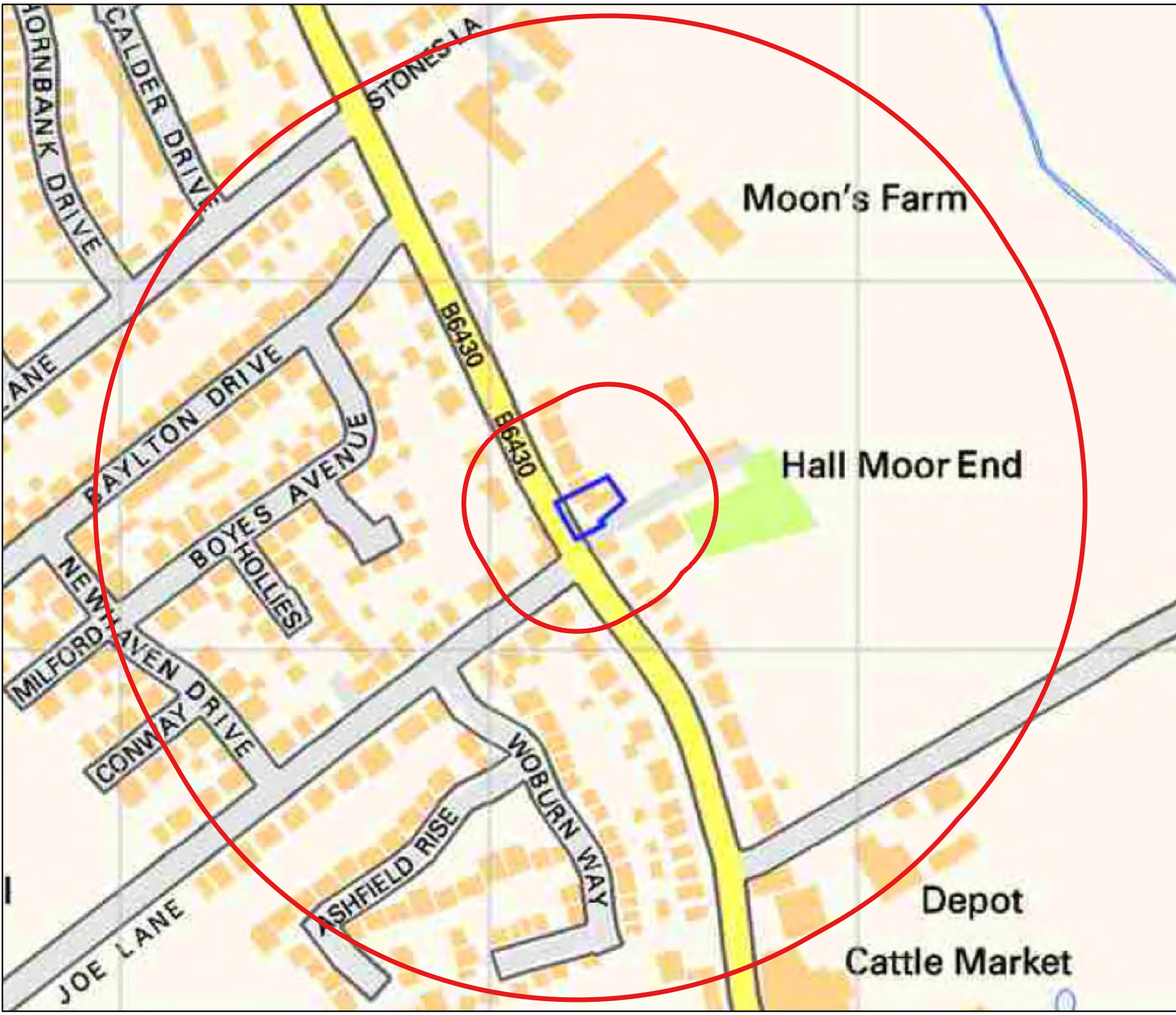
Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2003

Site Name: 83 Garstang Road

Scale: 1:2,700 at A4



Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2010

Site Name: 83 Garstang Road

Scale: 1:2,700 at A4



Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2013

Site Name: 83 Garstang Road



Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

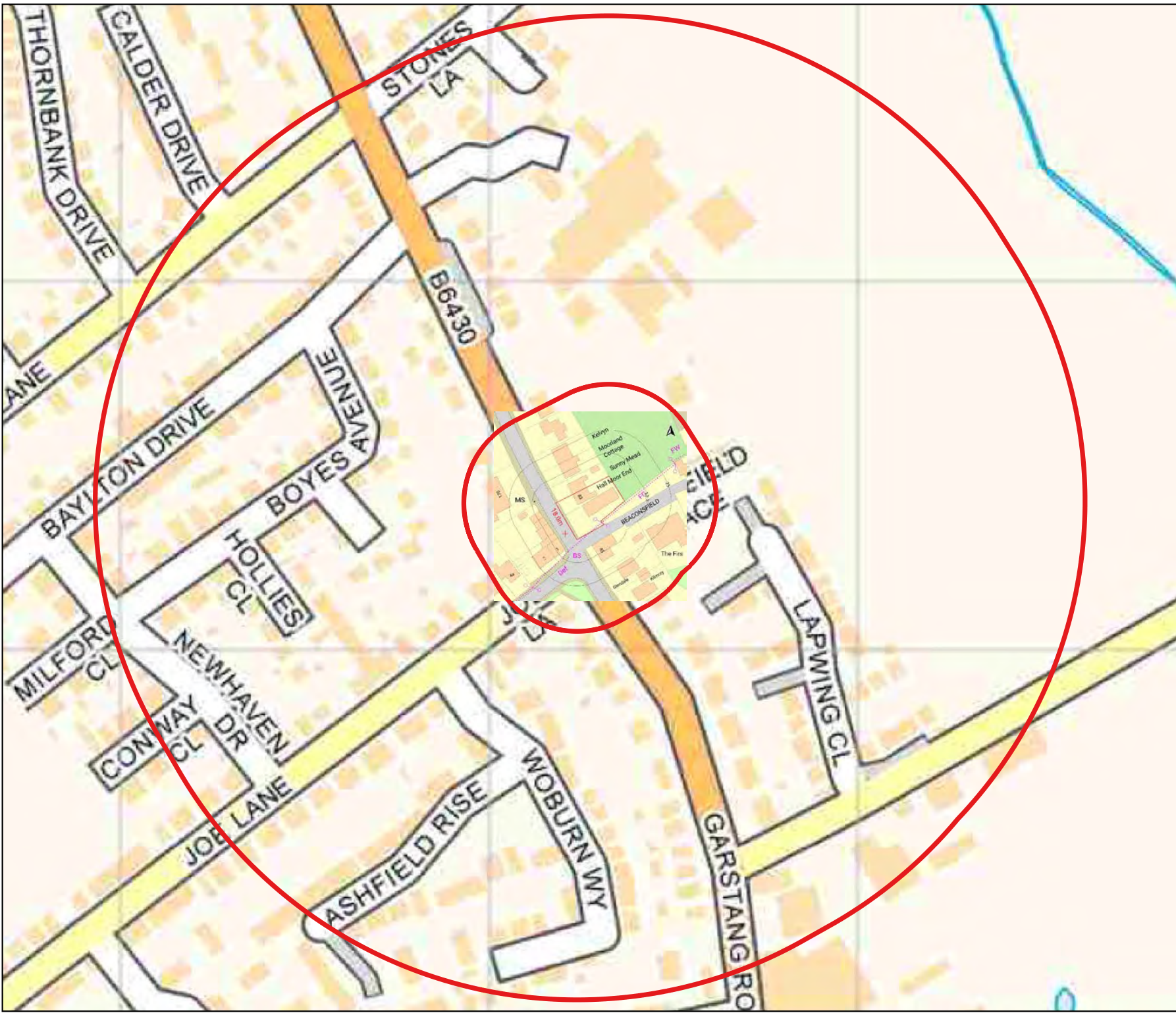
Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2018

Site Name: 83 Garstang Road



Demeter Environmental Ltd
Liverpool Office:
Hanover House
Hanover Street
Liverpool
L1 3DZ

Tel: 0151 521 2539
Fax: 0151 909 3661

Brighton Office:
Gemini House
136-140 Old Shoreham Road
Brighton, East Sussex
BN3 7BD
Tel: 01273 741 727

Email: enquiries@demeter-environmental.co.uk

Date of Map: 2021

Site Name: 83 Garstang Road

Scale: 1:2,700 at A4



APPENDIX G: GROUNDSURE REPORTS

83 Garstang Road, Catterall, Preston, PR3 0HE

Order Details

Date: 18/08/2021
Your ref: EMS_716556_935797
Our Ref: EMS-DE-716556_935797
Client: Demeter Environmental Ltd

Site Details

Location: 350054 442677
Area: 0.06 ha
Authority: [Wyre Council](#)



Summary of findings

p. 2

Aerial image

p. 8

OS MasterMap site plan

p.12

groundsure.com/insightuserguide

Contact us with any questions at:

info@groundsure.com

08444 159 000

Summary of findings

Page	Section	Past land use	On site	0-50m	50-250m	250-500m	500-2000m
13	1.1	<u>Historical industrial land uses</u>	0	0	3	9	-
14	1.2	<u>Historical tanks</u>	0	0	2	0	-
15	1.3	<u>Historical energy features</u>	0	0	4	0	-
15	1.4	Historical petrol stations	0	0	0	0	-
15	1.5	Historical garages	0	0	0	0	-
16	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
17	2.1	<u>Historical industrial land uses</u>	0	0	4	9	-
18	2.2	<u>Historical tanks</u>	0	0	4	0	-
19	2.3	<u>Historical energy features</u>	0	0	9	0	-
19	2.4	Historical petrol stations	0	0	0	0	-
19	2.5	Historical garages	0	0	0	0	-
Page	Section	Waste and landfill	On site	0-50m	50-250m	250-500m	500-2000m
20	3.1	Active or recent landfill	0	0	0	0	-
20	3.2	Historical landfill (BGS records)	0	0	0	0	-
21	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
21	3.4	Historical landfill (EA/NRW records)	0	0	0	0	-
21	3.5	Historical waste sites	0	0	0	0	-
21	3.6	Licensed waste sites	0	0	0	0	-
21	3.7	<u>Waste exemptions</u>	0	0	13	6	-
Page	Section	Current industrial land use	On site	0-50m	50-250m	250-500m	500-2000m
24	4.1	<u>Recent industrial land uses</u>	0	0	7	-	-
25	4.2	Current or recent petrol stations	0	0	0	0	-
25	4.3	Electricity cables	0	0	0	0	-
25	4.4	Gas pipelines	0	0	0	0	-
26	4.5	Sites determined as Contaminated Land	0	0	0	0	-



26	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
26	4.7	Regulated explosive sites	0	0	0	0	-
26	4.8	Hazardous substance storage/usage	0	0	0	0	-
26	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
27	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
27	4.11	<u>Licensed pollutant release (Part A(2)/B)</u>	0	0	1	2	-
27	4.12	Radioactive Substance Authorisations	0	0	0	0	-
28	4.13	<u>Licensed Discharges to controlled waters</u>	0	0	0	2	-
28	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
28	4.15	Pollutant release to public sewer	0	0	0	0	-
29	4.16	List 1 Dangerous Substances	0	0	0	0	-
29	4.17	List 2 Dangerous Substances	0	0	0	0	-
29	4.18	<u>Pollution Incidents (EA/NRW)</u>	0	0	0	5	-
30	4.19	Pollution inventory substances	0	0	0	0	-
30	4.20	Pollution inventory waste transfers	0	0	0	0	-
30	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	Hydrogeology	On site	0-50m	50-250m	250-500m	500-2000m	
31	5.1	<u>Superficial aquifer</u>	Identified (within 500m)					
33	5.2	<u>Bedrock aquifer</u>	Identified (within 500m)					
35	5.3	<u>Groundwater vulnerability</u>	Identified (within 50m)					
36	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)					
36	5.5	Groundwater vulnerability- local information	None (within 0m)					
37	5.6	<u>Groundwater abstractions</u>	0	0	0	0	34	
46	5.7	<u>Surface water abstractions</u>	0	0	0	0	33	
54	5.8	<u>Potable abstractions</u>	0	0	0	0	55	
68	5.9	<u>Source Protection Zones</u>	1	0	0	5	-	
69	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-	

Page	Section	Hydrology	On site	0-50m	50-250m	250-500m	500-2000m
70	6.1	Water Network (OS MasterMap)	0	0	0	-	-



70	6.2	Surface water features	0	0	0	-	-
71	6.3	<u>WFD Surface water body catchments</u>	1	-	-	-	-
71	6.4	<u>WFD Surface water bodies</u>	0	0	0	-	-
72	6.5	<u>WFD Groundwater bodies</u>	1	-	-	-	-
Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
73	7.1	Risk of Flooding from Rivers and Sea (RoFRaS)	None (within 50m)				
73	7.2	Historical Flood Events	0	0	0	-	-
73	7.3	Flood Defences	0	0	0	-	-
73	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
74	7.5	Flood Storage Areas	0	0	0	-	-
75	7.6	Flood Zone 2	None (within 50m)				
75	7.7	Flood Zone 3	None (within 50m)				
Page	Section	Surface water flooding					
76	8.1	<u>Surface water flooding</u>	1 in 100 year, 0.1m - 0.3m (within 50m)				
Page	Section	Groundwater flooding					
78	9.1	<u>Groundwater flooding</u>	Moderate (within 50m)				
Page	Section	Environmental designations	On site	0-50m	50-250m	250-500m	500-2000m
79	10.1	<u>Sites of Special Scientific Interest (SSSI)</u>	0	0	0	0	1
80	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
80	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
80	10.4	Special Protection Areas (SPA)	0	0	0	0	0
80	10.5	National Nature Reserves (NNR)	0	0	0	0	0
81	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
81	10.7	Designated Ancient Woodland	0	0	0	0	0
81	10.8	Biosphere Reserves	0	0	0	0	0
81	10.9	Forest Parks	0	0	0	0	0
82	10.10	Marine Conservation Zones	0	0	0	0	0
82	10.11	Green Belt	0	0	0	0	0
82	10.12	Proposed Ramsar sites	0	0	0	0	0



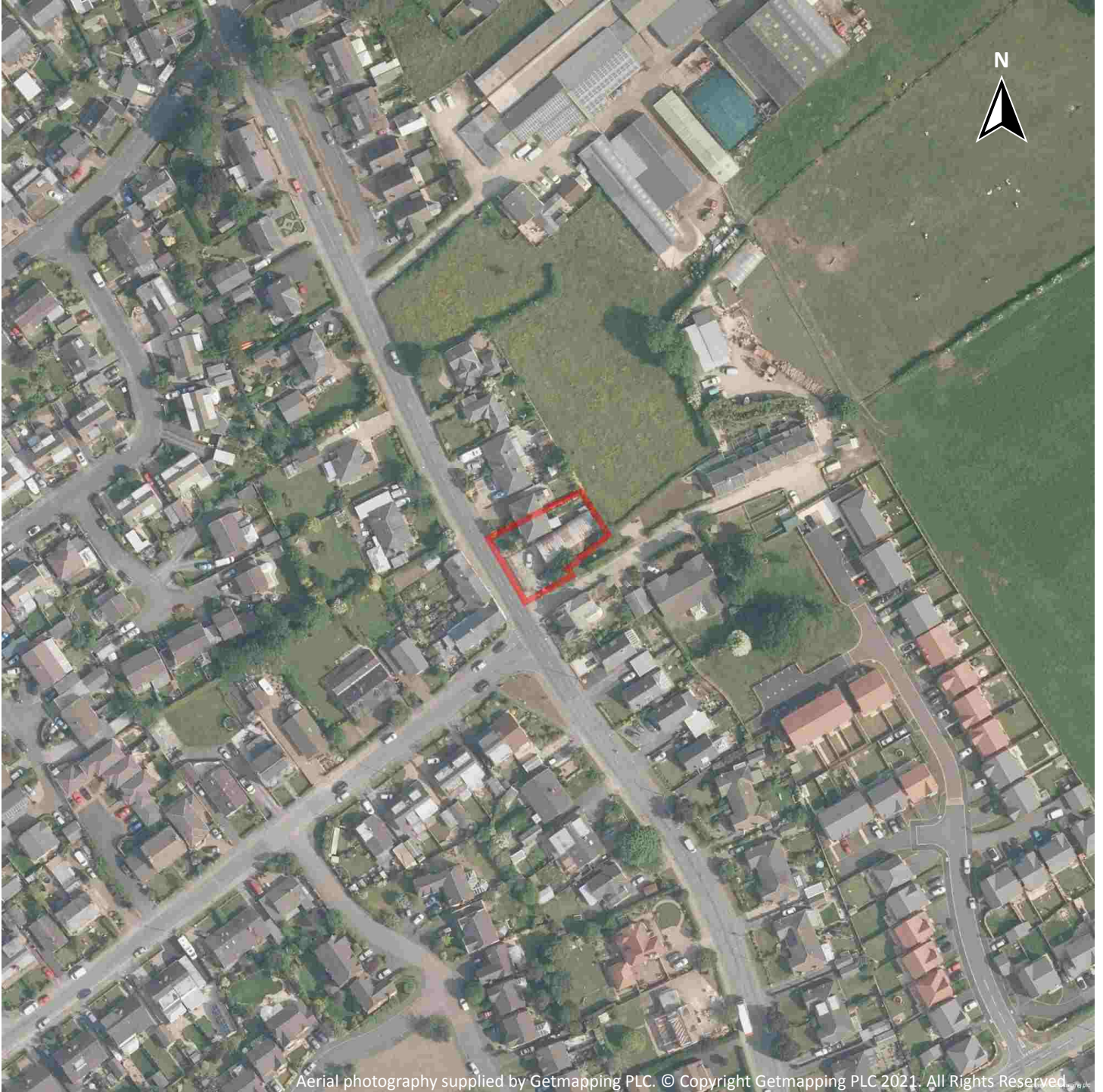
82	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
82	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
83	10.15	Nitrate Sensitive Areas	0	0	0	0	0
83	10.16	Nitrate Vulnerable Zones	0	0	0	0	0
84	10.17	<u>SSSI Impact Risk Zones</u>	1	-	-	-	-
85	10.18	<u>SSSI Units</u>	0	0	0	0	1
Page	Section	Visual and cultural designations	On site	0-50m	50-250m	250-500m	500-2000m
86	11.1	World Heritage Sites	0	0	0	-	-
87	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
87	11.3	National Parks	0	0	0	-	-
87	11.4	<u>Listed Buildings</u>	0	1	1	-	-
88	11.5	Conservation Areas	0	0	0	-	-
88	11.6	Scheduled Ancient Monuments	0	0	0	-	-
88	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations	On site	0-50m	50-250m	250-500m	500-2000m
89	12.1	<u>Agricultural Land Classification</u>	Grade 3 (within 250m)				
90	12.2	Open Access Land	0	0	0	-	-
90	12.3	Tree Felling Licences	0	0	0	-	-
90	12.4	Environmental Stewardship Schemes	0	0	0	-	-
90	12.5	Countryside Stewardship Schemes	0	0	0	-	-
Page	Section	Habitat designations	On site	0-50m	50-250m	250-500m	500-2000m
91	13.1	Priority Habitat Inventory	0	0	0	-	-
91	13.2	Habitat Networks	0	0	0	-	-
91	13.3	Open Mosaic Habitat	0	0	0	-	-
91	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
92	14.1	<u>10k Availability</u>	Identified (within 500m)				
93	14.2	Artificial and made ground (10k)	0	0	0	0	-
94	14.3	Superficial geology (10k)	0	0	0	0	-



94	14.4	Landslip (10k)	0	0	0	0	-
95	14.5	Bedrock geology (10k)	0	0	0	0	-
95	14.6	Bedrock faults and other linear features (10k)	0	0	0	0	-
Page	Section	Geology 1:50,000 scale	On site	0-50m	50-250m	250-500m	500-2000m
96	15.1	<u>50k Availability</u>	Identified (within 500m)				
97	15.2	Artificial and made ground (50k)	0	0	0	0	-
97	15.3	Artificial ground permeability (50k)	0	0	-	-	-
98	15.4	<u>Superficial geology (50k)</u>	1	0	1	1	-
99	15.5	<u>Superficial permeability (50k)</u>	Identified (within 50m)				
99	15.6	Landslip (50k)	0	0	0	0	-
99	15.7	Landslip permeability (50k)	None (within 50m)				
100	15.8	<u>Bedrock geology (50k)</u>	1	0	0	0	-
101	15.9	<u>Bedrock permeability (50k)</u>	Identified (within 50m)				
101	15.10	Bedrock faults and other linear features (50k)	0	0	0	0	-
Page	Section	Boreholes	On site	0-50m	50-250m	250-500m	500-2000m
102	16.1	<u>BGS Boreholes</u>	0	0	2	-	-
Page	Section	Natural ground subsidence					
103	17.1	<u>Shrink swell clays</u>	Very low (within 50m)				
104	17.2	<u>Running sands</u>	Very low (within 50m)				
106	17.3	<u>Compressible deposits</u>	Negligible (within 50m)				
107	17.4	<u>Collapsible deposits</u>	Very low (within 50m)				
108	17.5	<u>Landslides</u>	Very low (within 50m)				
110	17.6	<u>Ground dissolution of soluble rocks</u>	Negligible (within 50m)				
Page	Section	Mining, ground workings and natural cavities	On site	0-50m	50-250m	250-500m	500-2000m
112	18.1	Natural cavities	0	0	0	0	-
113	18.2	BritPits	0	0	0	0	-
113	18.3	<u>Surface ground workings</u>	0	0	2	-	-
113	18.4	Underground workings	0	0	0	0	0
113	18.5	Historical Mineral Planning Areas	0	0	0	0	-

114	18.6	Non-coal mining	0	0	0	0	0
114	18.7	Mining cavities	0	0	0	0	0
114	18.8	JPB mining areas	None (within 0m)				
114	18.9	Coal mining	None (within 0m)				
114	18.10	Brine areas	None (within 0m)				
115	18.11	Gypsum areas	None (within 0m)				
115	18.12	Tin mining	None (within 0m)				
115	18.13	Clay mining	None (within 0m)				
Page	Section	Radon					
116	19.1	Radon	Less than 1% (within 0m)				
Page	Section	Soil chemistry	On site	0-50m	50-250m	250-500m	500-2000m
117	20.1	<u>BGS Estimated Background Soil Chemistry</u>	1	1	-	-	-
117	20.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
117	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
118	21.1	Underground railways (London)	0	0	0	-	-
118	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	0	0	0	-	-
118	21.5	Royal Mail tunnels	0	0	0	-	-
119	21.6	Historical railways	0	0	0	-	-
119	21.7	Railways	0	0	0	-	-
119	21.8	Crossrail 1	0	0	0	0	-
119	21.9	Crossrail 2	0	0	0	0	-
119	21.10	HS2	0	0	0	0	-

Recent aerial photograph



Capture Date: 10/06/2018

Site Area: 0.06ha



Recent site history - 2013 aerial photograph



Capture Date: 19/07/2013

Site Area: 0.06ha



Recent site history - 2001 aerial photograph



Capture Date: 12/05/2001

Site Area: 0.06ha



Recent site history - 2000 aerial photograph

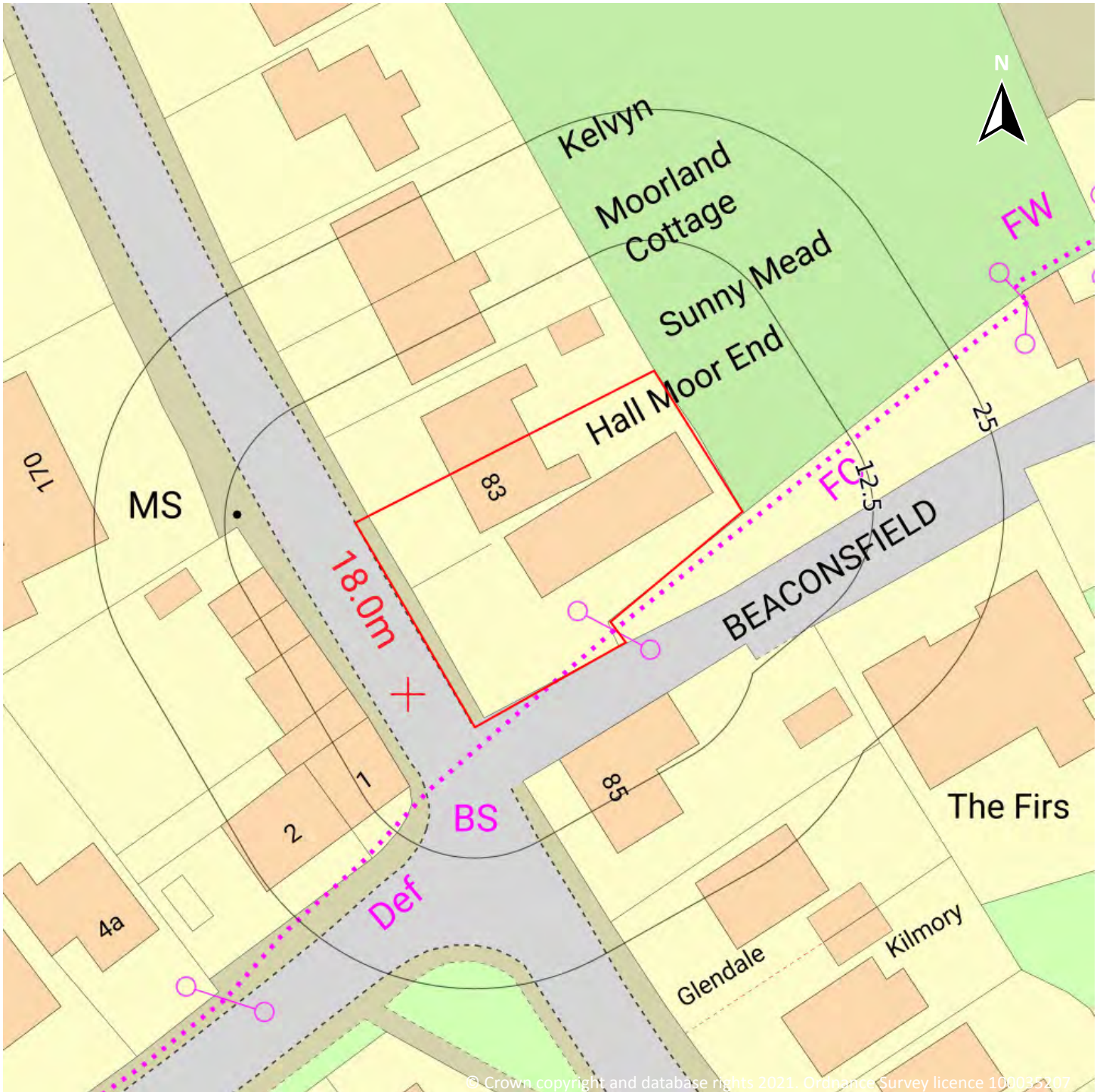


Capture Date: 21/07/2000

Site Area: 0.06ha



OS MasterMap site plan



© Crown copyright and database rights 2021. Ordnance Survey licence 100035207

Site Area: 0.06ha






1 Past land use



Site Outline

Search buffers in metres (m)

-  Historical industrial land uses
-  Historical tanks
-  Historical energy features

© Crown copyright and database rights 2021. Ordnance Survey licence 100035207

1.1 Historical industrial land uses

Records within 500m **12**

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 13**

ID	Location	Land use	Dates present	Group ID
1	144m SW	Unspecified Works	1967 - 1987	745198



ID	Location	Land use	Dates present	Group ID
4	232m SE	Unspecified Depot	1968	668704
5	232m S	Unspecified Works	1968	678549
6	253m NW	Nurseries	1967	693679
7	312m SE	Unspecified Depot	1968	668702
8	356m W	Unspecified Warehouse	1967	652359
9	393m S	Unspecified Depot	1968	668701
C	437m NW	Mill Pond	1891	665498
C	441m NW	Old Mill Pond	1951	769111
C	446m NW	Old Mill Pond	1910	700135
10	464m E	Workhouse	1846	641714
C	473m NW	Old Mill Pond	1933	713565

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	2
----------------------------	----------

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
2	169m N	Unspecified Tank	1890 - 1932	88835
3	174m N	Unspecified Tank	1992	82286

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m**4**

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

Features are displayed on the Past land use map on **page 13**

ID	Location	Land use	Dates present	Group ID
A	151m NW	Electricity Substation	1988 - 1996	47072
A	152m NW	Electricity Substation	1970	59113
B	207m W	Electricity Substation	1988 - 1996	58166
B	208m W	Electricity Substation	1970	59057

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m**0**

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

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m**0**

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

This data is sourced from Ordnance Survey / Groundsure.



1.6 Historical military land

Records within 500m

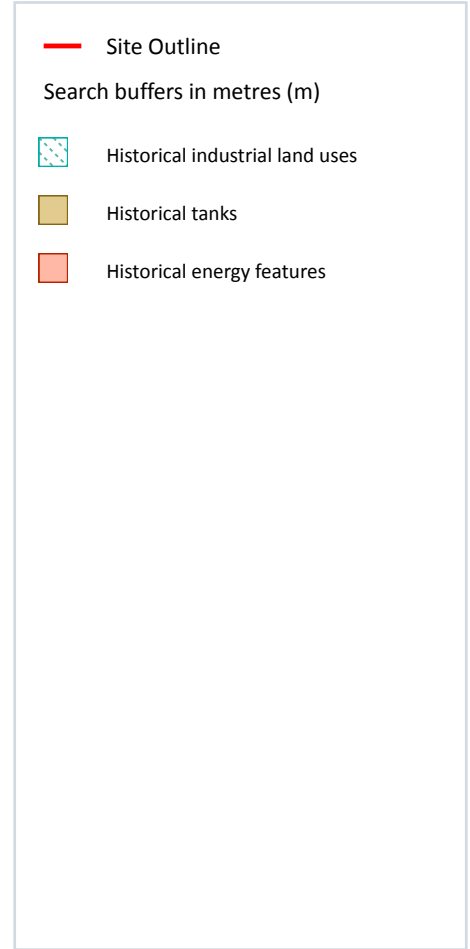
0

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

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



2 Past land use - un-grouped



2.1 Historical industrial land uses

Records within 500m **13**

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 ungrouped 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 17**

ID	Location	Land Use	Date	Group ID
1	144m SW	Unspecified Works	1967	745198
3	229m S	Unspecified Works	1987	745198
4	232m SE	Unspecified Depot	1968	668704

ID	Location	Land Use	Date	Group ID
5	232m S	Unspecified Works	1968	678549
6	253m NW	Nurseries	1967	693679
7	312m SE	Unspecified Depot	1968	668702
8	356m W	Unspecified Warehouse	1967	652359
9	393m S	Unspecified Depot	1968	668701
D	437m NW	Mill Pond	1891	665498
D	441m NW	Old Mill Pond	1951	769111
D	446m NW	Old Mill Pond	1910	700135
10	464m E	Workhouse	1846	641714
D	473m NW	Old Mill Pond	1933	713565

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

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

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 17**

ID	Location	Land Use	Date	Group ID
B	169m N	Unspecified Tank	1890	88835
B	169m N	Unspecified Tank	1912	88835
B	169m N	Unspecified Tank	1932	88835
2	174m N	Unspecified Tank	1992	82286

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m

9

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 17**

ID	Location	Land Use	Date	Group ID
A	151m NW	Electricity Substation	1988	47072
A	151m NW	Electricity Substation	1992	47072
A	152m NW	Electricity Substation	1970	59113
A	154m NW	Electricity Substation	1996	47072
C	207m W	Electricity Substation	1996	58166
C	208m W	Electricity Substation	1970	59057
C	211m W	Electricity Substation	1988	58166
C	211m W	Electricity Substation	1988	58166
C	211m W	Electricity Substation	1992	58166

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m

0

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

This data is sourced from Ordnance Survey / Groundsure.



3 Waste and landfill



3.1 Active or recent landfill

Records within 500m

0

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

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

3.2 Historical landfill (BGS records)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m **0**

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

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

3.4 Historical landfill (EA/NRW records)

Records within 500m **0**

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.

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

3.5 Historical waste sites

Records within 500m **0**

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

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

3.6 Licensed waste sites

Records within 500m **0**

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

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

3.7 Waste exemptions

Records within 500m **19**

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 20**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	91m N	MOONS FARM, GARSTANG ROAD, CATTERALL, PRESTON, PR3 0HD	WEX145694	Using waste exemption	On a Farm	Use of waste for a specified purpose

ID	Location	Site	Reference	Category	Sub-Category	Description
A	91m N	MOONS FARM, GARSTANG ROAD, CATTERALL, PRESTON, PR3 0HD	WEX038706	Using waste exemption	On a farm	Use of waste in construction
A	91m N	MOONS FARM, GARSTANG ROAD, CATTERALL, PRESTON, PR3 0HD	WEX038706	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
A	99m NW	-	WEX195748	Using waste exemption	On a Farm	Use of waste in construction
A	99m NW	-	WEX195748	Using waste exemption	On a Farm	Spreading waste on agricultural land to confer benefit
A	99m NW	-	WEX195748	Using waste exemption	On a Farm	Spreading of plant matter to confer benefit
A	99m NW	-	WEX195748	Disposing of waste exemption	On a Farm	Deposit of waste from dredging of inland waters
A	101m NW	Moons Farm Garstang Road PRESTON PR3 0HD	EPR/FH0673YV /A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
A	101m NW	Moons Farm Garstang Road PRESTON PR3 0HD	EPR/FH0673YV /A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
A	101m NW	Moons Farm Garstang Road PRESTON PR3 0HD	EPR/FH0673YV /A001	Using waste exemption	Agricultural Waste Only	Use of waste in construction
B	216m SE	GARSTANG ROAD BROCK PRESTON LANCASHIRE PR3 0PH	EPR/PF0033YX /A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in secure containers
B	216m SE	GARSTANG ROAD BROCK PRESTON LANCASHIRE PR3 0PH	EPR/PF0033YX /A001	Storing waste exemption	Agricultural Waste Only	Storage of waste in a secure place
1	241m SW	Ripon Hall Catterall Lane PRESTON PR3 0PA	EPR/CE5046M E/A001	Storing waste exemption	Non-Agricultural Waste Only	Storage of sludge
C	276m SE	GARSTANG ROAD, CLAUGHTON-ON-BROCK, PRESTON, PR3 0PH	WEX118157	Disposing of waste exemption	Not on a farm	Burning waste in the open
C	276m SE	GARSTANG ROAD, CLAUGHTON-ON-BROCK, PRESTON, PR3 0PH	WEX118157	Using waste exemption	Not on a farm	Use of waste in construction
C	297m SE	115 Garstang Road Preston Lancashire PR3 0PH	EPR/XF0301M B/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction

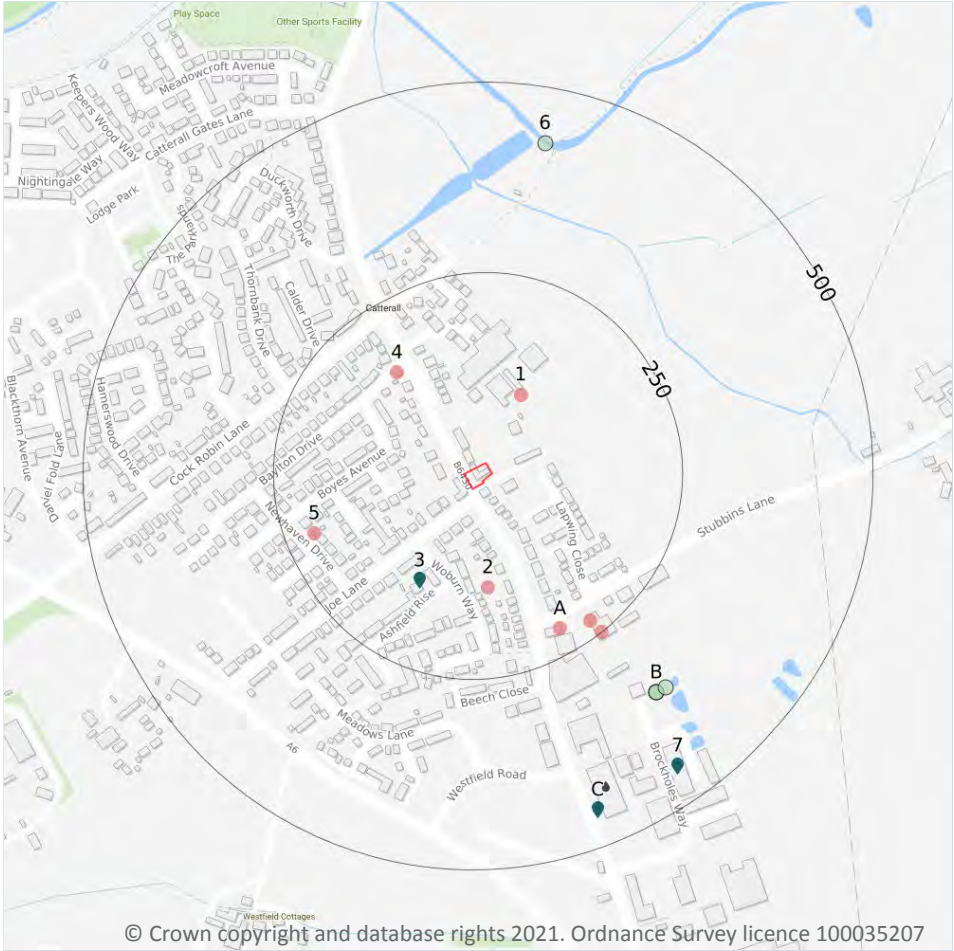


ID	Location	Site	Reference	Category	Sub-Category	Description
2	343m SW	-	WEX118470	Using waste exemption	Not on a farm	Use of waste in construction
3	386m S	Breck homes site-Opposite the New spar	WEX261858	Using waste exemption	Not on a farm	Use of waste in construction
4	485m SE	Cloughton Industrial Estate, Brockholes Way, Cloughton, PR3 0PZ	EA/EPR/VP378 9EJ/A001	Treating waste exemption	Non-Agricultural waste only	Repair or refurbishment of WEEE

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 pollutant release (Part A(2)/B)
- Licensed Discharges to controlled waters
- Pollution Incidents (EA/NRW)

4.1 Recent industrial land uses

Records within 250m **7**

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 24**

ID	Location	Company	Address	Activity	Category
1	101m NE	Shepherds Dairy Ltd	Moons Farm, Garstang Road, Catterall, Preston, Lancashire, PR3 0HD	Dairy Farming	Farming
2	131m S	Electricity Sub Station	Lancashire, PR3	Electrical Features	Infrastructure and Facilities
4	160m NW	Electricity Sub Station	Lancashire, PR3	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
5	211m W	Electricity Sub Station	Lancashire, PR3	Electrical Features	Infrastructure and Facilities
A	216m SE	John Carr & Son Motorcycles Ltd	Unit 2, Stubbins Lane, Cloughton-on-Brock, Preston, Lancashire, PR3 0QH	Vehicle Repair, Testing and Servicing	Repair and Servicing
A	229m SE	Bode Positioners Ltd	Unit 1, Stubbins Lane, Cloughton-on-Brock, Preston, Lancashire, PR3 0QH	Tools Including Machine Shops	Industrial Products
A	249m SE	J M Autobodies	Unit 4, Stubbins Lane, Cloughton-on-Brock, Lancashire, PR3 0QH	Vehicle Repair, Testing and Servicing	Repair and Servicing

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

3

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

Features are displayed on the Current industrial land use map on **page 24**

ID	Location	Address	Details	
3	139m SW	Montracon Ltd, Joe Lane, Catterall, PR3 1XP	Process: Metal Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
7	450m SE	Leach Structural Steelwork Ltd, Brockholes Way, Cloughton, Preston, PR3 0PH	Process: Coating Processes Status: Current Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified
C	451m S	Garstang Timber & Plywood Ltd, Garstang Road, Cloughton-on-Brock, Preston, Lancashire, PR3 0GA	Process: Timber Manufacture Status: Historical Permit Permit Type: Part B	Enforcement: No Enforcement Notified Date of enforcement: No Enforcement Notified Comment: No Enforcement Notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m

0

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

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



4.13 Licensed Discharges to controlled waters

Records within 500m

2

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 24**

ID	Location	Address	Details	
C	427m SE	FOOD STORAGE DEPOT, CLAUGHTON-ON-BROCK, PRESTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 0112 Permit Version: 1 Receiving Water: -	Status: REVOKED - UNSPECIFIED Issue date: - Effective Date: 01/04/1991 Revocation Date: 31/12/1994
C	427m SE	FOOD STORAGE DEPOT, CLAUGHTON-ON-BROCK, PRESTON	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: 0112 Permit Version: 2 Receiving Water: YOAD POOL	Status: REVOKED UNDER EPR 2010 Issue date: - Effective Date: 01/01/1995 Revocation Date: 14/11/2013

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

4.14 Pollutant release to surface waters (Red List)

Records within 500m

0

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

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

4.15 Pollutant release to public sewer

Records within 500m

0

Discharges of Special Category Effluents to the public sewer.

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

4.16 List 1 Dangerous Substances

Records within 500m

0

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

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

4.17 List 2 Dangerous Substances

Records within 500m

0

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

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

4.18 Pollution Incidents (EA/NRW)

Records within 500m

5

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 24**

ID	Location	Details	
B	356m SE	Incident Date: 19/03/2001 Incident Identification: 44662 Pollutant: Inert Materials and Wastes: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	356m SE	Incident Date: 19/03/2001 Incident Identification: 44662 Pollutant: Inert Materials and Wastes Pollutant Description: Soils and Clay	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	356m SE	Incident Date: 19/03/2001 Incident Identification: 44662 Pollutant: Inert Materials and Wastes Pollutant Description: Construction and Demolition Materials and Wastes	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
B	358m SE	Incident Date: 15/06/2001 Incident Identification: 9418 Pollutant: Specific Waste Materials Pollutant Description: Commercial Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 3 (Minor)

ID	Location	Details	
6	426m N	Incident Date: 11/10/2002 Incident Identification: 114102 Pollutant: Agricultural Materials and Wastes Pollutant Description: Other Agricultural Material or Waste	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.

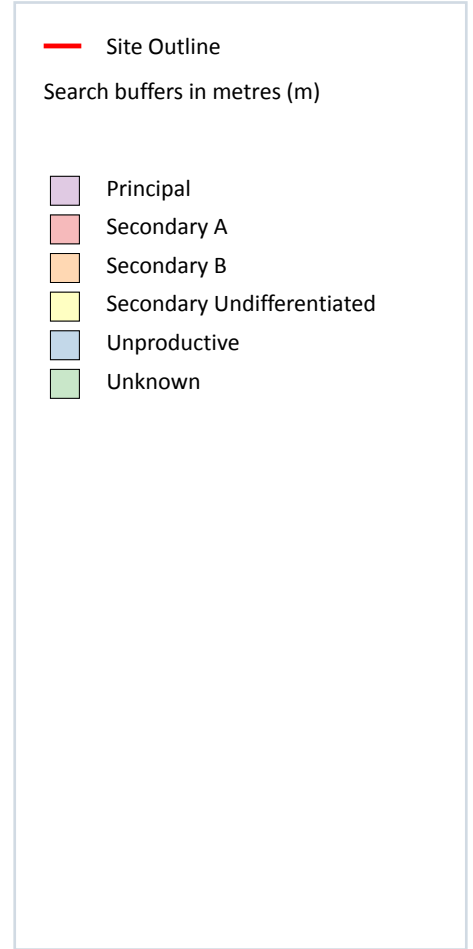
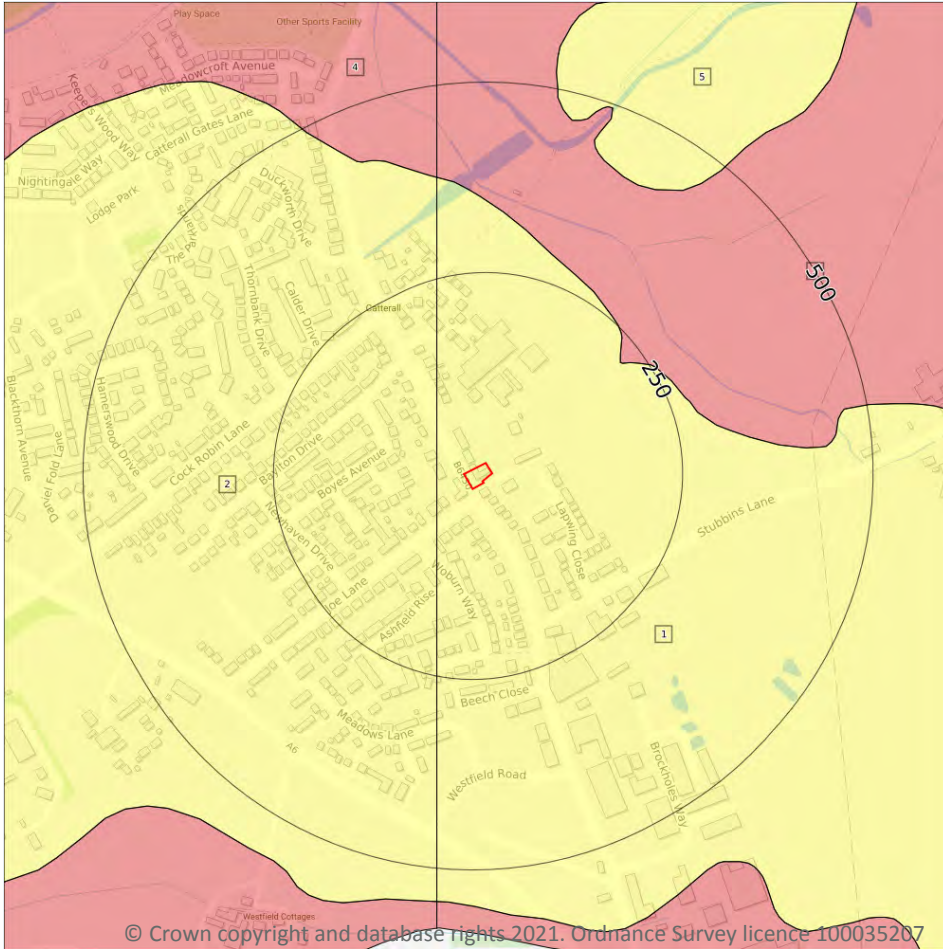
4.21 Pollution inventory radioactive waste

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



5.1 Superficial aquifer

Records within 500m

5

Aquifer status of groundwater held within superficial geology.

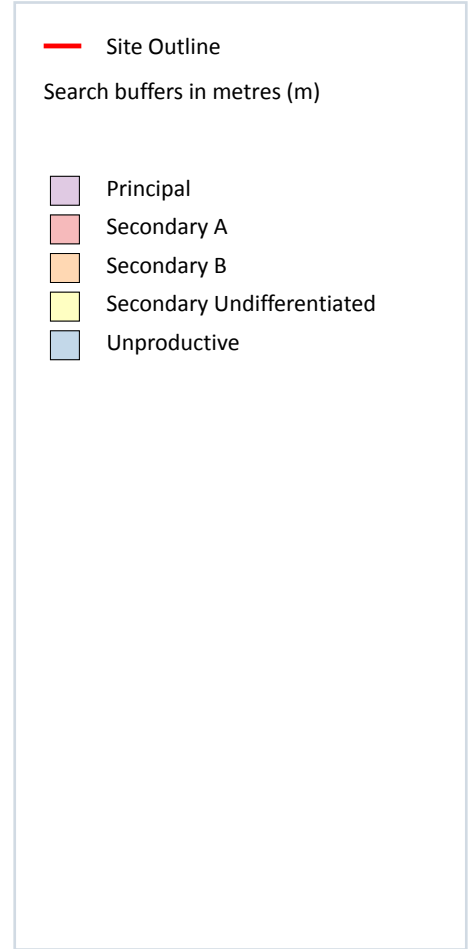
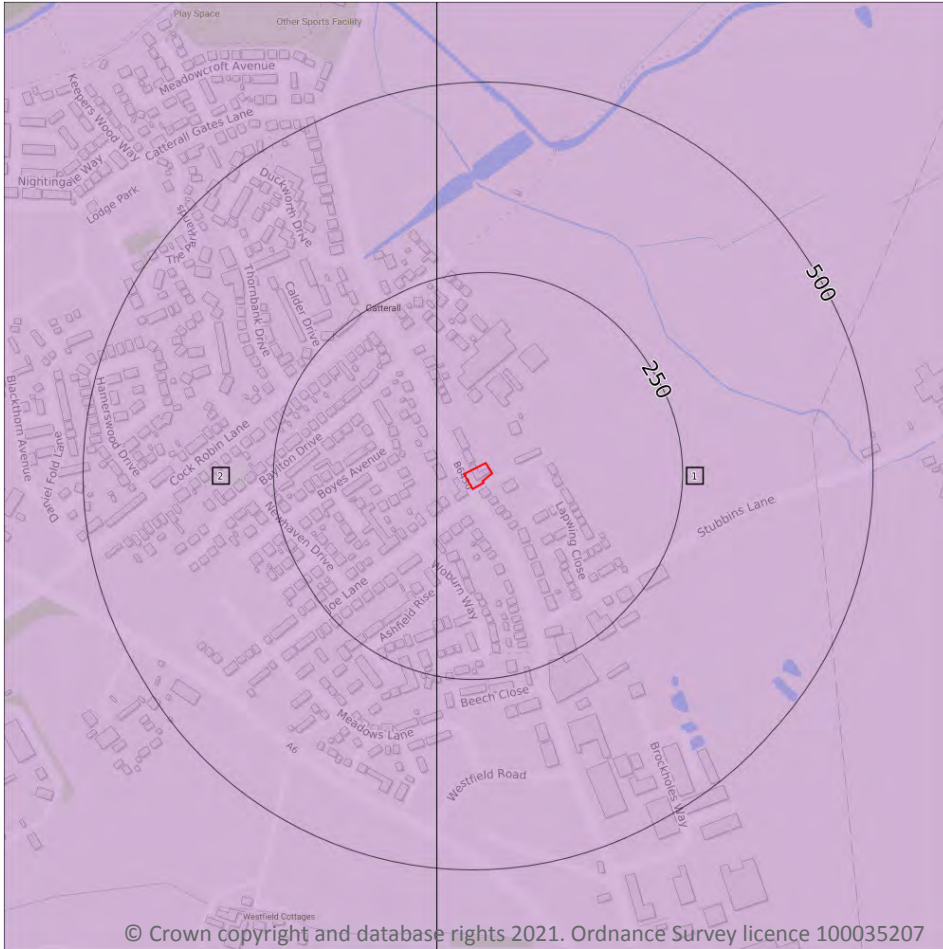
Features are displayed on the Hydrogeology map on **page 31**

ID	Location	Designation	Description
1	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
2	36m W	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	221m 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
4	380m N	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
5	416m NE	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

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

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m

2

Aquifer status of groundwater held within bedrock geology.

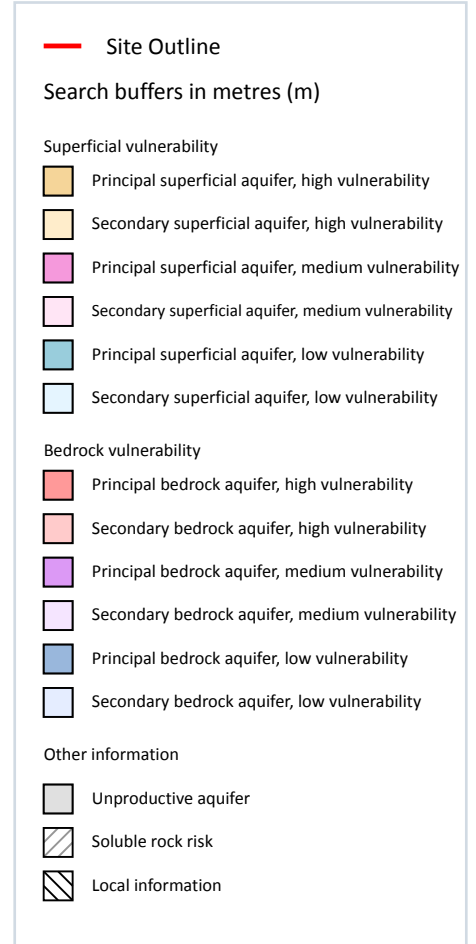
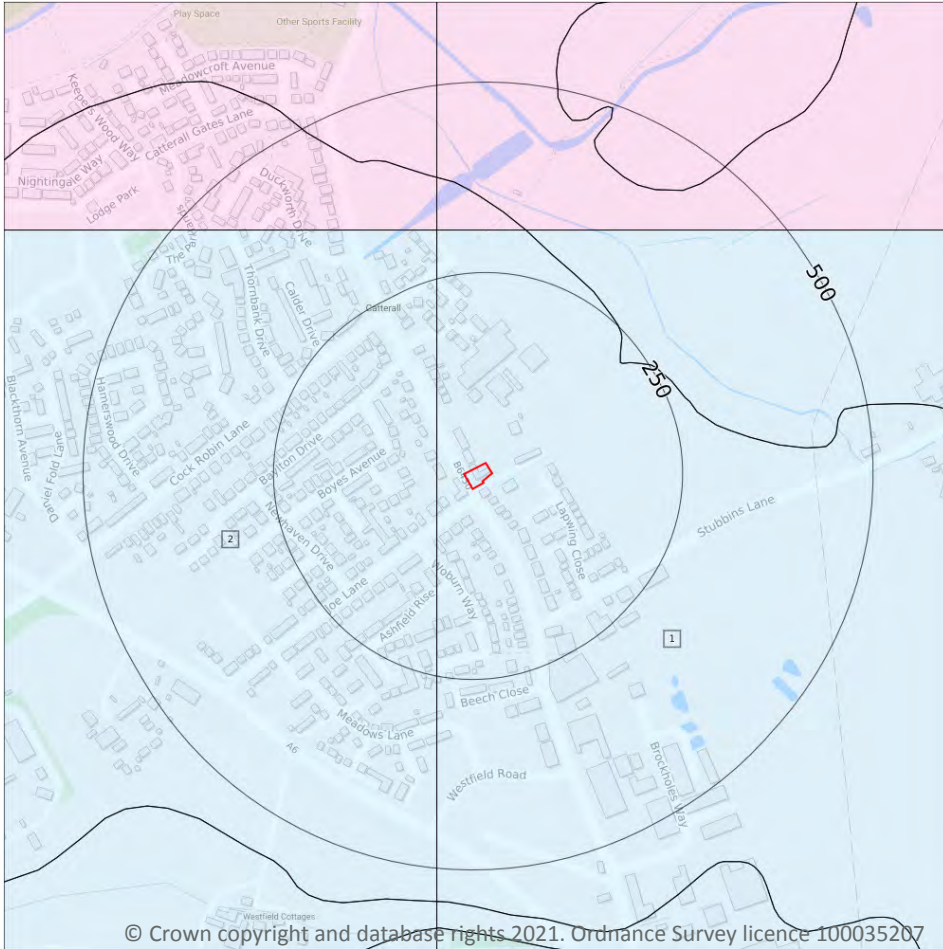
Features are displayed on the Bedrock aquifer map on **page 33**

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	36m W	Principal	Geology of high intergranular and/or fracture permeability, usually providing a high level of water storage and may support water supply/river base flow on a strategic scale. Generally principal aquifers were previously major aquifers

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



Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m

2

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

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

Features are displayed on the Groundwater vulnerability map on **page 35**



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: Low	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed
2	35m W	Summary Classification: Secondary superficial aquifer - Low Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: <40% Dilution value: >550mm/year	Vulnerability: Low Aquifer type: Secondary Thickness: >10m Patchiness value: >90% Recharge potential: High	Vulnerability: Low Aquifer type: Principal Flow mechanism: Mixed

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

5.4 Groundwater vulnerability- soluble rock risk

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

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

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

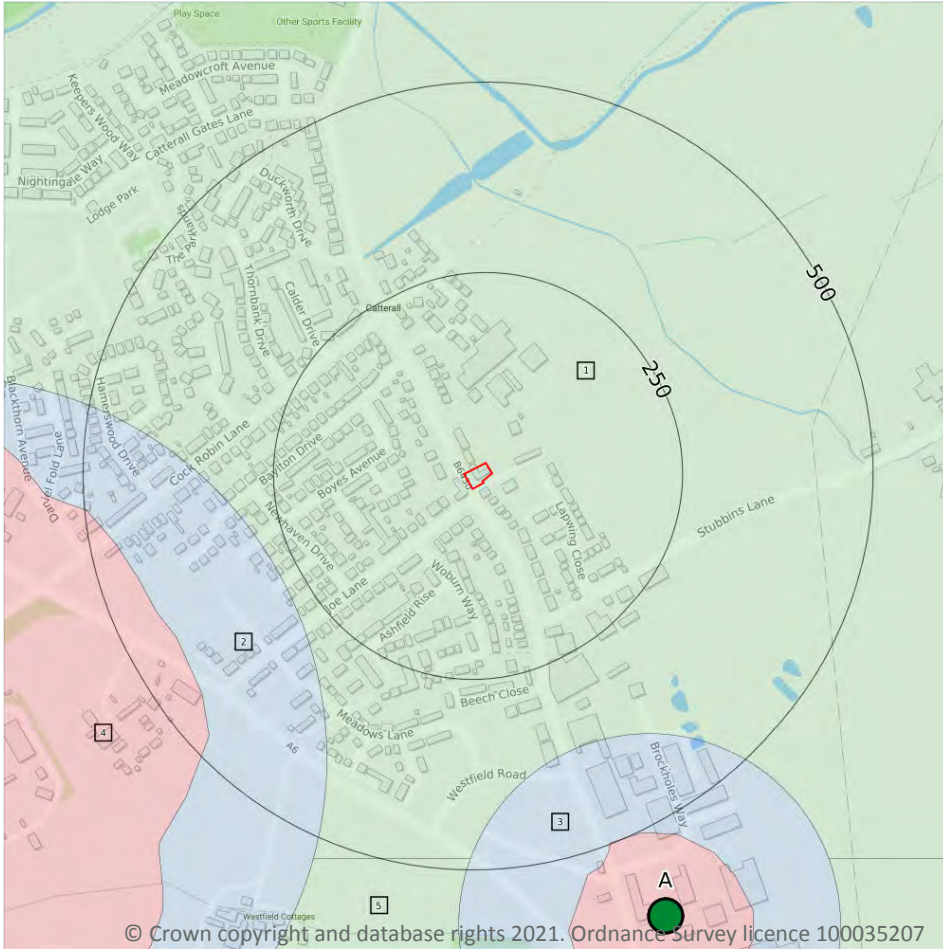
5.5 Groundwater vulnerability- local information

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

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

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

Abstractions and Source Protection Zones



5.6 Groundwater abstractions

Records within 2000m

34

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 37**

ID	Location	Details	
A	614m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "2 BOREHOLES(PART OF FRANKLAW`B'GRP) -NOS P1 & 2," Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350300 Northing: 442100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
A	614m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`B'GRP) -NOS P1 & 2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350300 Northing: 442100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
A	614m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW B GROUP NUMBERS P1 AND 2 Data Type: Point Name: United Utilities Water Ltd Easting: 350300 Northing: 442100	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
A	614m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11081 Data Type: Point Name: United Utilities Water Ltd Easting: 350300 Northing: 442100	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -

ID	Location	Details	
-	694m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS M3 & M4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349400 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	694m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS M3 AND M4 Data Type: Point Name: United Utilities Water Ltd Easting: 349400 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "8 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS L3 & 4,M1-6 #5" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "8 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS L3 & 4,M1-6 }9" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -

ID	Location	Details	
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS M1 & M2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 8 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L3 & 4,M1-6 }9 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 8 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L3 & 4,M1-6 #5 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS M1 AND M2 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 8 PART OF FRANKLAW A GROUP NUMBER L3 L4 M1 TO 6 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 8 PART OF FRANKLAW A GROUP NUMBERS L3 L4 M1 TO 6 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	794m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 1 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS M6 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349400 Northing: 442200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	794m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE PART OF FRANKLAW A GROUP NUMBER M6 Data Type: Point Name: United Utilities Water Ltd Easting: 349400 Northing: 442200	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	835m E	Status: Active Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES NR CATERALL & MYERSCOUGH NOS R1 & R2 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442800	Annual Volume (m ³): 1,231,000 Max Daily Volume (m ³): 8,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	855m E	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11010 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442900	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	855m E	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=8897 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442900	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	877m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 1 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS M5 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	877m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE PART OF FRANKLAW A GROUP NUMBER M5 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442200	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	1034m E	Status: Historical Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES NR CATERALL & MYERSCOUGH -NOS R3 & R4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 351100 Northing: 442800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1034m E	Status: Active Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 NEAR CATERALL AND MYERSCOUGH NUMBER R3 AND R4 Data Type: Point Name: United Utilities Water Ltd Easting: 351100 Northing: 442800	Annual Volume (m ³): 1,231,000 Max Daily Volume (m ³): 8,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1520m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "2 BOREHOLES(PART OF FRANKLAW`B'GRP) -,Q1 & 2" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350900 Northing: 441400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
-	1520m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`B'GRP) -,Q1 & 2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350900 Northing: 441400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -



ID	Location	Details	
-	1520m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW B GROUP Q1 AND 2 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 441400	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	1520m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11054 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 441400	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	1567m S	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L3 & 4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349900 Northing: 441100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1567m S	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS L3 AND 4 Data Type: Point Name: United Utilities Water Ltd Easting: 349900 Northing: 441100	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	1579m S	Status: Historical Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L1 & L2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349800 Northing: 441100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1579m S	Status: Active Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=10683 Data Type: Point Name: United Utilities Water Ltd Easting: 349800 Northing: 441100	Annual Volume (m ³): 5,232,000 Max Daily Volume (m ³): 34,000 Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1579m S	Status: Active Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS L1 AND L2 Data Type: Point Name: United Utilities Water Ltd Easting: 349800 Northing: 441100	Annual Volume (m ³): 5,232,000 Max Daily Volume (m ³): 34,000 Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1884m NW	Status: Historical Licence No: 2672405008 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: "WELL AT GRACEFIELD,KIRKLAND,GARSTANG" Data Type: Point Name: DEW LAY PRODUCTS LTD Easting: 348600 Northing: 443900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/04/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/04/1972 Version End Date: -

ID	Location	Details	
-	1884m NW	Status: Historical Licence No: 2672405008 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Ground Water - North West Region Point: WELL AT GRACEFIELD, KIRKLAND, GARSTANG Data Type: Point Name: DEW LAY PRODUCTS LTD Easting: 348600 Northing: 443900	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 05/04/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/04/1972 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

33

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 37**

ID	Location	Details	
-	1084m W	Status: Historical Licence No: 2672407005 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "R WYRE AT CATTERALL, GARSTANG" Data Type: Point Name: ECOLLINSON & COMPANY LTD Easting: 349000 Northing: 443000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/03/1989 Expiry Date: - Issue No: 100 Version Start Date: 15/05/1992 Version End Date: -
-	1084m W	Status: Historical Licence No: 2672407005 Details: General Cooling (Existing Licences Only) (Low Loss) Direct Source: Surface, Non-Tidal - North West Region Point: R WYRE AT CATTERALL, GARSTANG Data Type: Point Name: ECOLLINSON & COMPANY LTD Easting: 349000 Northing: 443000	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 30/03/1989 Expiry Date: - Issue No: 100 Version Start Date: 15/05/1992 Version End Date: -



ID	Location	Details	
-	1246m NE	Status: Historical Licence No: 2672406021 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: LANCASTER CANAL AT GARSTANG Data Type: Point Name: BRITISH WATERWAYS Easting: 350800 Northing: 443700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 31/10/1973 Expiry Date: - Issue No: 100 Version Start Date: 12/08/1981 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672405038 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: GOODWIN Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: KENLIS ARMS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406028 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: R T KELLETT & SONS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -

ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406029 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: MYERSCOUGH Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE I3319" Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406037 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: JONES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406016 Details: General use relating to Secondary Category (Medium Loss) Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: SHEPHERD Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406032 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: HEAP Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406033 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: BAINES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406034 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: DOUGLAS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1999 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406035 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: FLETCHER Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406036 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: FAWCETT Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE I3319 Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406027 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: DEWHURST Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 101 Version Start Date: 22/09/2000 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406016 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: SHEPHERD Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406028 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: R T KELLETT & SONS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE 2 Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406034 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: MALLON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 101 Version Start Date: 12/02/2004 Version End Date: -

ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406035 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: FLETCHER Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406036 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: FAWCETT Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406037 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: JONES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406029 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: MYERSCOUGH Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406030 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406032 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: HEAP Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406033 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: BAINES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1938m SE	Status: Historical Licence No: 2672406005 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT CLAUGHTON,GARSTANG" Data Type: Point Name: FITZHERBERT BROCKHOLES Easting: 351800 Northing: 441800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/03/1966 Version End Date: -



ID	Location	Details	
-	1938m SE	Status: Historical Licence No: 2672406005 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT CLAUGHTON, GARSTANG Data Type: Point Name: FITZHERBERT BROCKHOLES Easting: 351800 Northing: 441800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/03/1966 Version End Date: -
-	1974m NE	Status: Historical Licence No: 2672406002 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: "Surface, Non-Tidal - North West Region" Point: "BURDOCK SPRING AT SANDHOLME LANE, GARSTANG" Data Type: Point Name: CALUDON INVESTMENTS LTD Easting: 351700 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/02/1966 Version End Date: -
-	1974m NE	Status: Historical Licence No: 2672406002 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface, Non-Tidal - North West Region Point: BURDOCK SPRING AT SANDHOLME LANE, GARSTANG Data Type: Point Name: CALUDON INVESTMENTS LTD Easting: 351700 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/02/1966 Version End Date: -

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

5.8 Potable abstractions

Records within 2000m

55

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 37**



ID	Location	Details	
A	614m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "2 BOREHOLES(PART OF FRANKLAW`B'GRP) -NOS P1 & 2," Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350300 Northing: 442100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
A	614m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`B'GRP) -NOS P1 & 2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350300 Northing: 442100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
A	614m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW B GROUP NUMBERS P1 AND 2 Data Type: Point Name: United Utilities Water Ltd Easting: 350300 Northing: 442100	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
A	614m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11081 Data Type: Point Name: United Utilities Water Ltd Easting: 350300 Northing: 442100	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	694m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS M3 & M4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349400 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	694m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS M3 AND M4 Data Type: Point Name: United Utilities Water Ltd Easting: 349400 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "8 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS L3 & 4,M1-6 #5" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "8 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS L3 & 4,M1-6 }9" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -

ID	Location	Details	
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS M1 & M2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 8 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L3 & 4,M1-6 }9 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 8 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L3 & 4,M1-6 #5 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS M1 AND M2 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 8 PART OF FRANKLAW A GROUP NUMBER L3 L4 M1 TO 6 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	787m W	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 8 PART OF FRANKLAW A GROUP NUMBERS L3 L4 M1 TO 6 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442400	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	794m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 1 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS M6 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349400 Northing: 442200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	794m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE PART OF FRANKLAW A GROUP NUMBER M6 Data Type: Point Name: United Utilities Water Ltd Easting: 349400 Northing: 442200	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	835m E	Status: Active Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES NR CATERALL & MYERSCOUGH NOS R1 & R2 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442800	Annual Volume (m ³): 1,231,000 Max Daily Volume (m ³): 8,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	855m E	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11010 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442900	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	855m E	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=8897 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 442900	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	877m SW	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 1 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS M5 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349300 Northing: 442200	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	877m SW	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLE PART OF FRANKLAW A GROUP NUMBER M5 Data Type: Point Name: United Utilities Water Ltd Easting: 349300 Northing: 442200	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	1034m E	Status: Historical Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES NR CATERALL & MYERSCOUGH -NOS R3 & R4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 351100 Northing: 442800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1034m E	Status: Active Licence No: 2672406022 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 NEAR CATERALL AND MYERSCOUGH NUMBER R3 AND R4 Data Type: Point Name: United Utilities Water Ltd Easting: 351100 Northing: 442800	Annual Volume (m ³): 1,231,000 Max Daily Volume (m ³): 8,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1520m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: "2 BOREHOLES(PART OF FRANKLAW`B'GRP) -,Q1 & 2" Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350900 Northing: 441400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -
-	1520m SE	Status: Historical Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`B'GRP) -,Q1 & 2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 350900 Northing: 441400	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 29/07/1991 Version End Date: -

ID	Location	Details	
-	1520m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW B GROUP Q1 AND 2 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 441400	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	1520m SE	Status: Active Licence No: 2672408021 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=11054 Data Type: Point Name: United Utilities Water Ltd Easting: 350900 Northing: 441400	Annual Volume (m ³): 1,993,000 Max Daily Volume (m ³): 14,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -
-	1567m S	Status: Historical Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A' GRP)-NOS L3 & 4 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349900 Northing: 441100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 05/10/1995 Version End Date: -
-	1567m S	Status: Active Licence No: 2672408020 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS L3 AND 4 Data Type: Point Name: United Utilities Water Ltd Easting: 349900 Northing: 441100	Annual Volume (m ³): 11,235,000 Max Daily Volume (m ³): 39,000 Original Application No: - Original Start Date: 21/03/1974 Expiry Date: - Issue No: 100 Version Start Date: 26/11/2018 Version End Date: -



ID	Location	Details	
-	1579m S	Status: Historical Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: 2 BOREHOLES(PART OF FRANKLAW`A` GRP)-NOS L1 & L2 Data Type: Point Name: UNITED UTILITIES WATER PLC Easting: 349800 Northing: 441100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1579m S	Status: Active Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: ID=10683 Data Type: Point Name: United Utilities Water Ltd Easting: 349800 Northing: 441100	Annual Volume (m ³): 5,232,000 Max Daily Volume (m ³): 34,000 Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1579m S	Status: Active Licence No: 2672408015 Details: Potable Water Supply - Direct Direct Source: Ground Water - North West Region Point: BOREHOLES X 2 PART OF FRANKLAW A GROUP NUMBERS L1 AND L2 Data Type: Point Name: United Utilities Water Ltd Easting: 349800 Northing: 441100	Annual Volume (m ³): 5,232,000 Max Daily Volume (m ³): 34,000 Original Application No: - Original Start Date: 27/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 24/05/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672405038 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: GOODWIN Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406031 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: KENLIS ARMS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406029 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: MYERSCOUGH Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406037 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: JONES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -

ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406032 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: HEAP Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406033 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: BAINES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406034 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: DOUGLAS Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1999 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406035 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: FLETCHER Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406036 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT SANDHOLME MILL FARM, BARNACRE" Data Type: Point Name: FAWCETT Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406027 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: DEWHURST Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 101 Version Start Date: 22/09/2000 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406034 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: MALLON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 101 Version Start Date: 12/02/2004 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406035 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: FLETCHER Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -

ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406036 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: FAWCETT Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406037 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: JONES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406029 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: MYERSCOUGH Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406030 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: R E & S T LEACH & SON Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 101 Version Start Date: 04/03/1998 Version End Date: -



ID	Location	Details	
-	1892m NE	Status: Historical Licence No: 2672406032 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: HEAP Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1998 Expiry Date: - Issue No: 100 Version Start Date: 03/03/1998 Version End Date: -
-	1892m NE	Status: Historical Licence No: 2672406033 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT SANDHOLME MILL FARM, BARNACRE Data Type: Point Name: BAINES Easting: 351600 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 03/03/1967 Expiry Date: - Issue No: 100 Version Start Date: 22/02/1995 Version End Date: -
-	1938m SE	Status: Historical Licence No: 2672406005 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household" Direct Source: "Surface, Non-Tidal - North West Region" Point: "SPRING AT CLAUGHTON,GARSTANG" Data Type: Point Name: FITZHERBERT BROCKHOLES Easting: 351800 Northing: 441800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/03/1966 Version End Date: -
-	1938m SE	Status: Historical Licence No: 2672406005 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Household Direct Source: Surface, Non-Tidal - North West Region Point: SPRING AT CLAUGHTON,GARSTANG Data Type: Point Name: FITZHERBERT BROCKHOLES Easting: 351800 Northing: 441800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 18/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 18/03/1966 Version End Date: -



ID	Location	Details	
-	1974m NE	Status: Historical Licence No: 2672406002 Details: "Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services" Direct Source: "Surface, Non-Tidal - North West Region" Point: "BURDOCK SPRING AT SANDHOLME LANE, GARSTANG" Data Type: Point Name: CALUDON INVESTMENTS LTD Easting: 351700 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/02/1966 Version End Date: -
-	1974m NE	Status: Historical Licence No: 2672406002 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: Surface, Non-Tidal - North West Region Point: BURDOCK SPRING AT SANDHOLME LANE, GARSTANG Data Type: Point Name: CALUDON INVESTMENTS LTD Easting: 351700 Northing: 443800	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 04/02/1966 Expiry Date: - Issue No: 100 Version Start Date: 04/02/1966 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	6
----------------------------	----------

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination. Features are displayed on the Abstractions and Source Protection Zones map on **page 37**

ID	Location	Type	Description
1	On site	3	Total catchment
2	276m SW	2	Outer catchment
3	366m S	2	Outer catchment
4	434m SW	1	Inner catchment
5	485m S	3	Total catchment
A	499m S	1	Inner catchment

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



5.10 Source Protection Zones (confined aquifer)

Records within 500m

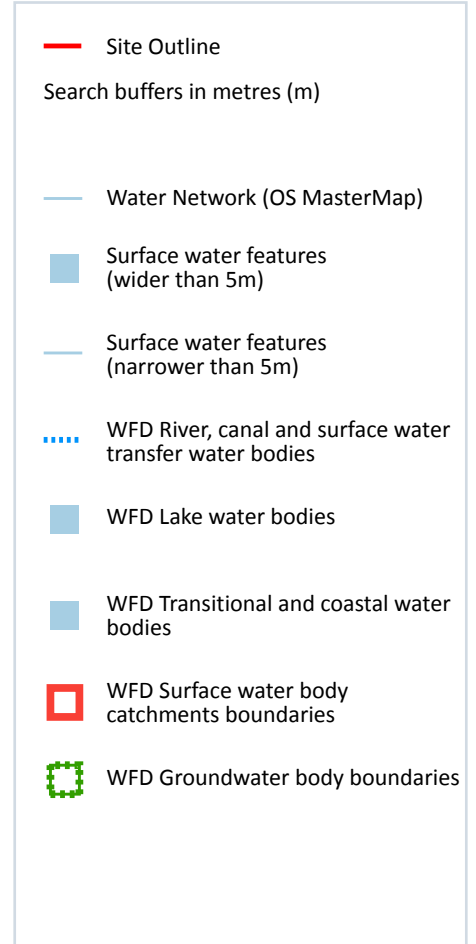
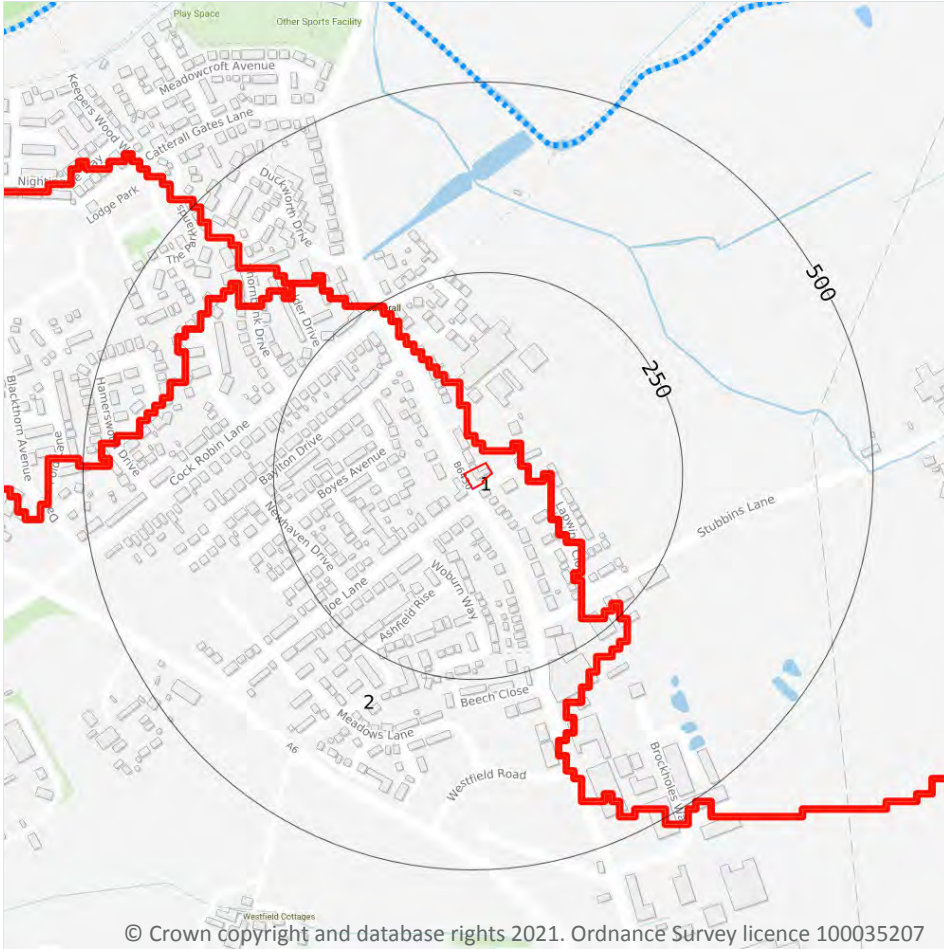
0

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

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



6 Hydrology



6.1 Water Network (OS MasterMap)

Records within 250m

0

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

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

0

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.



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 70**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
2	On site	River WB catchment	Brock	GB112072065810	Brock and Tributaries	Wyre

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 70**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
-	2210m S	River	Brock	GB112072065810	Good	Good	Good	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 70**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
1	On site	Fylde Permo-Triassic Sandstone Aquifers	<u>GB41201G100500</u>	Good	Good	Good	2015

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

7 River and coastal flooding

7.1 Risk of Flooding from Rivers and Sea (RoFRaS)

Records within 50m

0

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).

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

7.6 Flood Zone 2

Records within 50m

0

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.

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

7.7 Flood Zone 3

Records within 50m

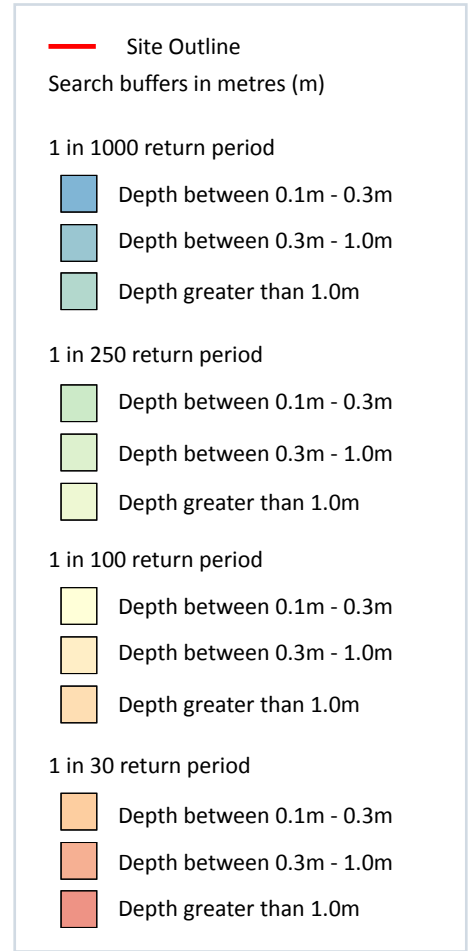
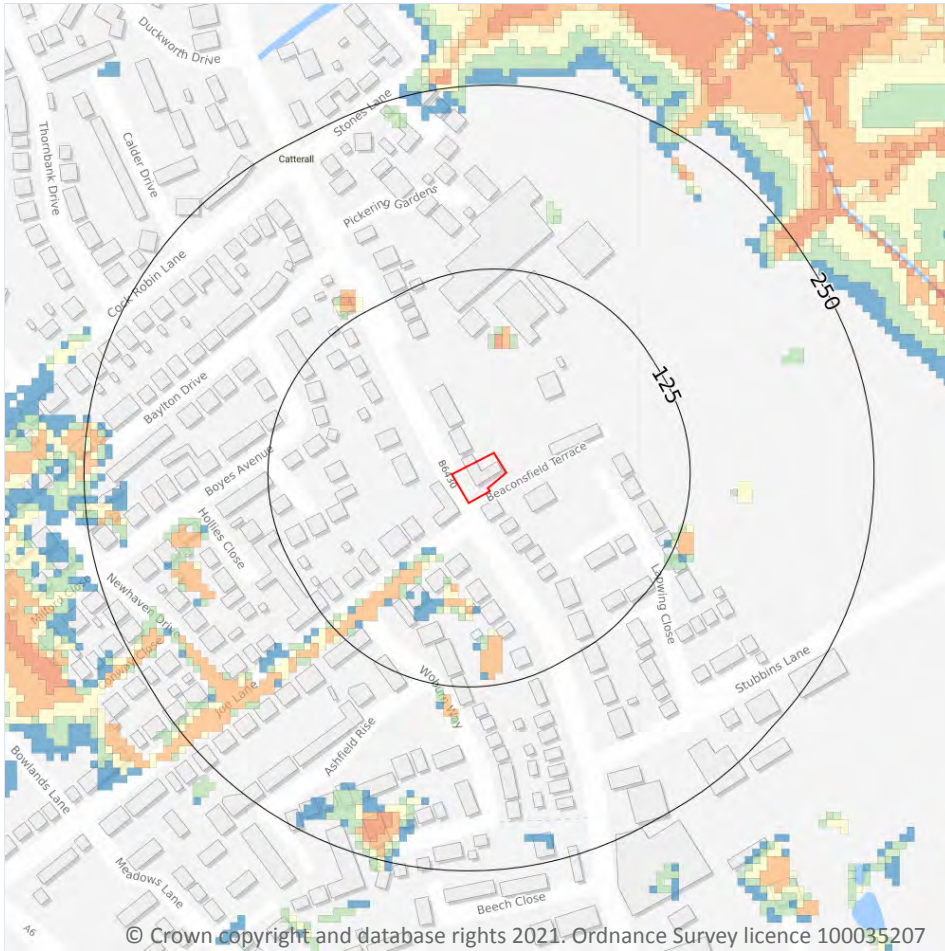
0

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

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



8 Surface water flooding



8.1 Surface water flooding

Highest risk on site

Negligible

Highest risk within 50m

1 in 100 year, 0.1m - 0.3m

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

Features are displayed on the Surface water flooding map on **page 76**

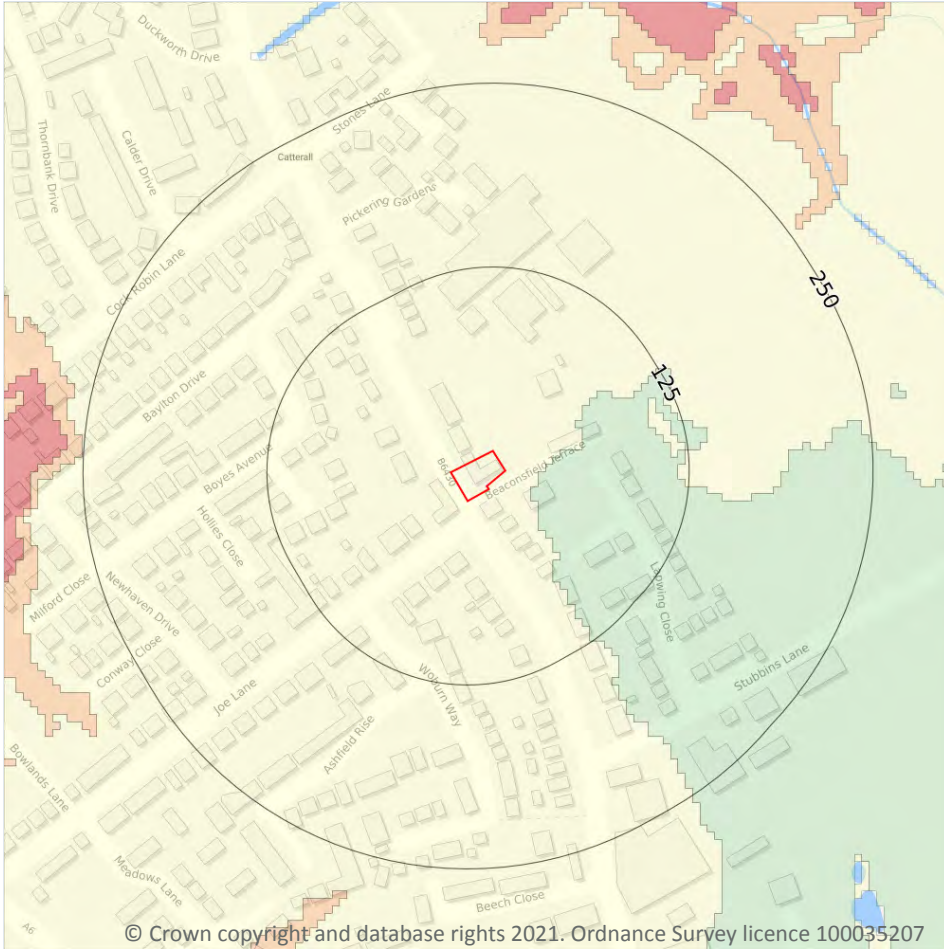
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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	Negligible
1 in 250 year	Negligible
1 in 100 year	Negligible
1 in 30 year	Negligible

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

Moderate

Highest risk within 50m

Moderate

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 78**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



— Site Outline

Search buffers in metres (m)

▣ Sites of Special Scientific Interest (SSSI)

© Crown copyright and database rights 2021. Ordnance Survey licence 100035207

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

1

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

Features are displayed on the Environmental designations map on **page 79**

ID	Location	Name	Data source
-	1895m E	Rough Hey Wood	Natural England



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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m

0

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m

0

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m

0

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m

0

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

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



10.6 Local Nature Reserves (LNR)

Records within 2000m

0

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

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

10.7 Designated Ancient Woodland

Records within 2000m

0

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

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.



10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

0

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

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

10.12 Proposed Ramsar sites

Records within 2000m

0

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

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m

0

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

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

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m

0

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

This data is sourced from Natural England.



10.15 Nitrate Sensitive Areas

Records within 2000m

0

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

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

Records within 2000m

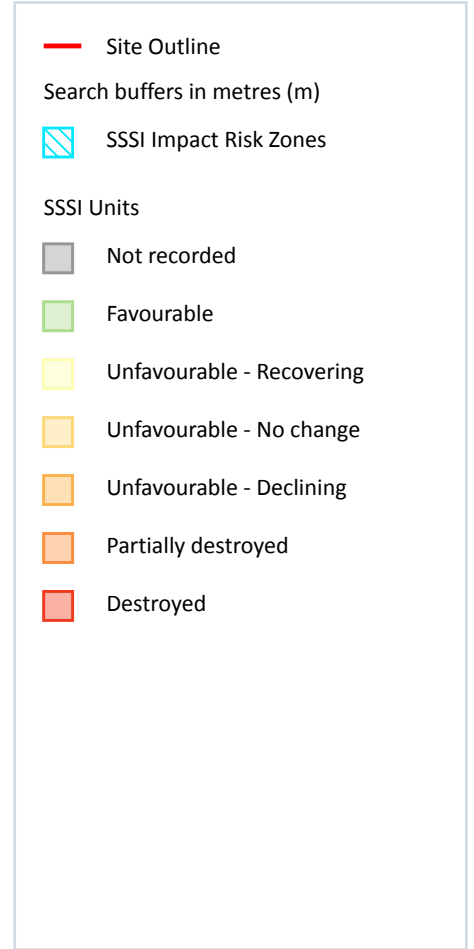
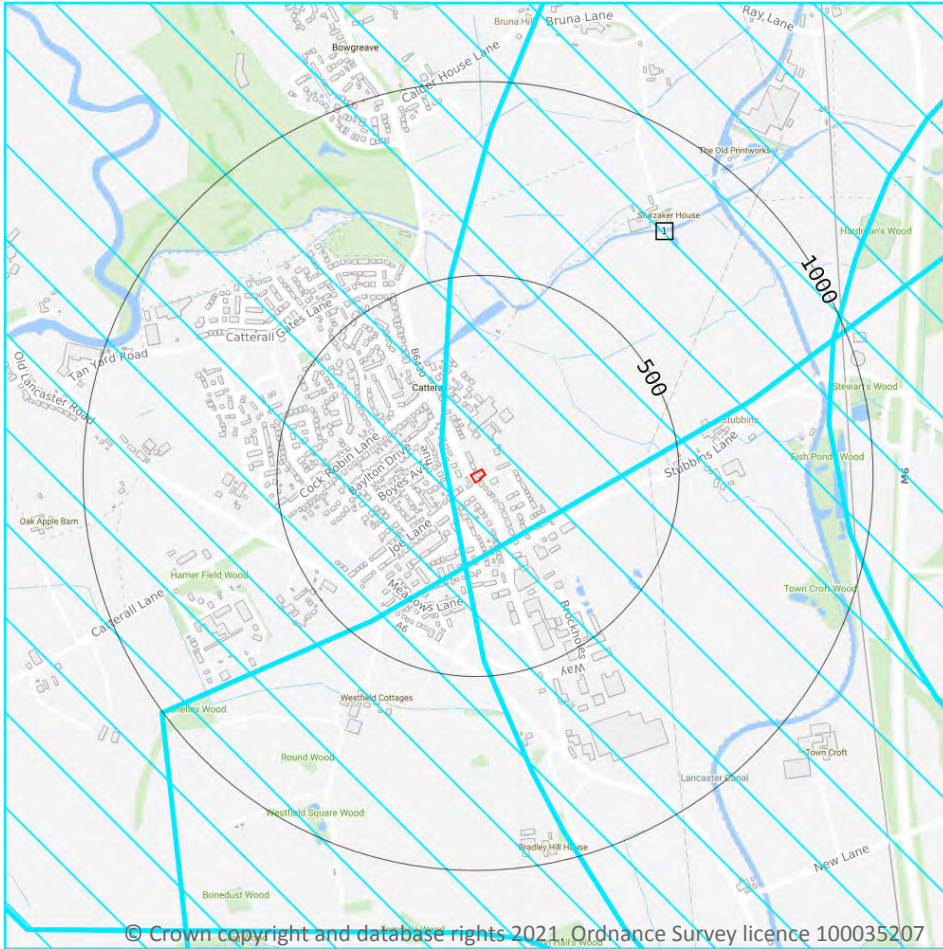
0

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.

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



SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site

1

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

Features are displayed on the SSSI Impact Zones and Units map on **page 84**

ID	Location	Type of developments requiring consultation
1	On site	<p>Infrastructure - Airports, helipads and other aviation proposals.</p> <p>Wind and Solar - Solar schemes with footprint > 0.5ha, all wind turbines</p> <p>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons > 200m² & manure stores > 250t).</p> <p>Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion</p> <p>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.</p> <p>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management</p> <p>Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream (NB This does not include discharges to mains sewer which are unlikely to pose a risk at this location)</p>

This data is sourced from Natural England.

10.18 SSSI Units

Records within 2000m	1
-----------------------------	----------

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

Features are displayed on the SSSI Impact Zones and Units map on **page 84**

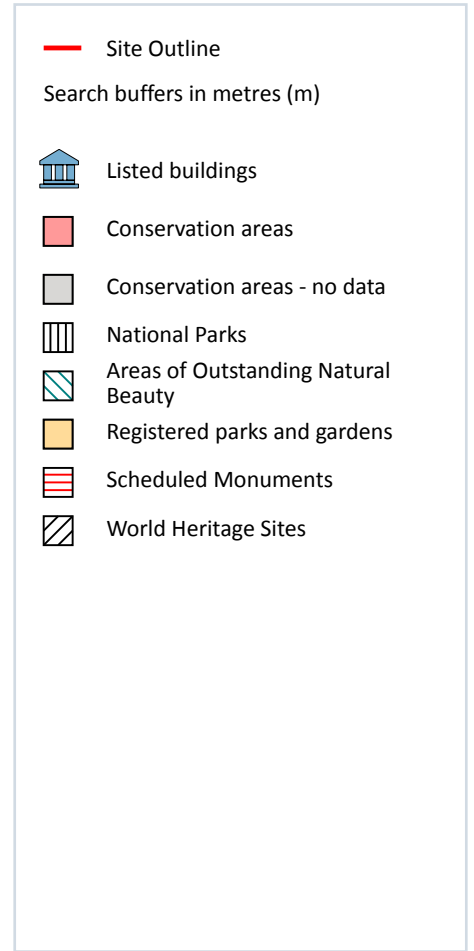
ID: -
 Location: 1895m E
 SSSI name: Rough Hey Wood
 Unit name: Rough Hey Wood
 Broad habitat: Broadleaved, Mixed And Yew Woodland - Lowland
 Condition: Unfavourable - Recovering
 Reportable features:

Feature name	Feature condition	Date of assessment
Aggregations of breeding birds - Grey heron, Ardea cinerea	Unfavourable - Recovering	04/06/2015

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



11 Visual and cultural designations



11.1 World Heritage Sites

Records within 250m

0

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

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

11.2 Area of Outstanding Natural Beauty

Records within 250m**0**

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

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

11.3 National Parks

Records within 250m**0**

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

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

11.4 Listed Buildings

Records within 250m**2**

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

Features are displayed on the Visual and cultural designations map on **page 86**

ID	Location	Name	Grade	Reference Number	Listed date
1	12m W	Milestone, Catterall, Wyre, Lancashire, PR3	II	1072921	09/01/1986
2	212m SE	Brockholes Arms, Cloughton, Wyre, Lancashire, PR3	II	1361926	09/01/1986

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



11.5 Conservation Areas

Records within 250m

0

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

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

11.6 Scheduled Ancient Monuments

Records within 250m

0

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

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

11.7 Registered Parks and Gardens

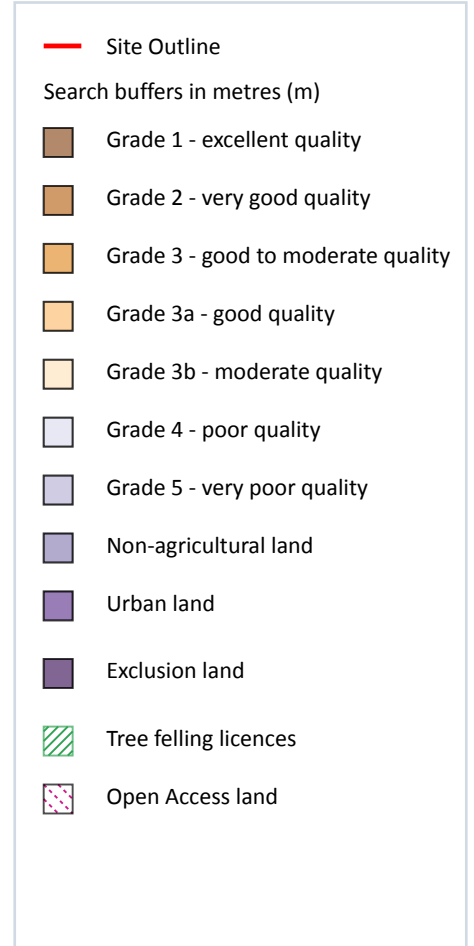
Records within 250m

0

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

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

12 Agricultural designations



12.1 Agricultural Land Classification

Records within 250m

1

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

Features are displayed on the Agricultural designations map on **page 89**

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

This data is sourced from Natural England.



12.2 Open Access Land

Records within 250m

0

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

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

12.3 Tree Felling Licences

Records within 250m

0

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

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m

0

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

This data is sourced from Natural England.



13 Habitat designations

13.1 Priority Habitat Inventory

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

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

This data is sourced from Natural England.

13.2 Habitat Networks

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

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

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

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

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

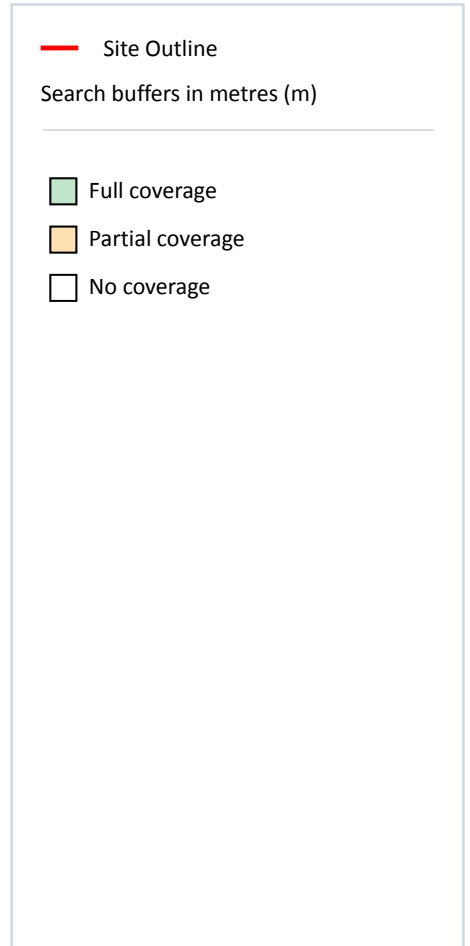
Records within 250m	0
---------------------	---

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

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



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 92**

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

This data is sourced from the British Geological Survey.

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

14.2 Artificial and made ground (10k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial

14.3 Superficial geology (10k)

Records within 500m

0

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.

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

14.5 Bedrock geology (10k)

Records within 500m

0

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.

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline

Search buffers in metres (m)

Geological map tile

15.1 50k Availability

Records within 500m

1

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

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

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	EW067_garstang_v4

This data is sourced from the British Geological Survey.

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

15.2 Artificial and made ground (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

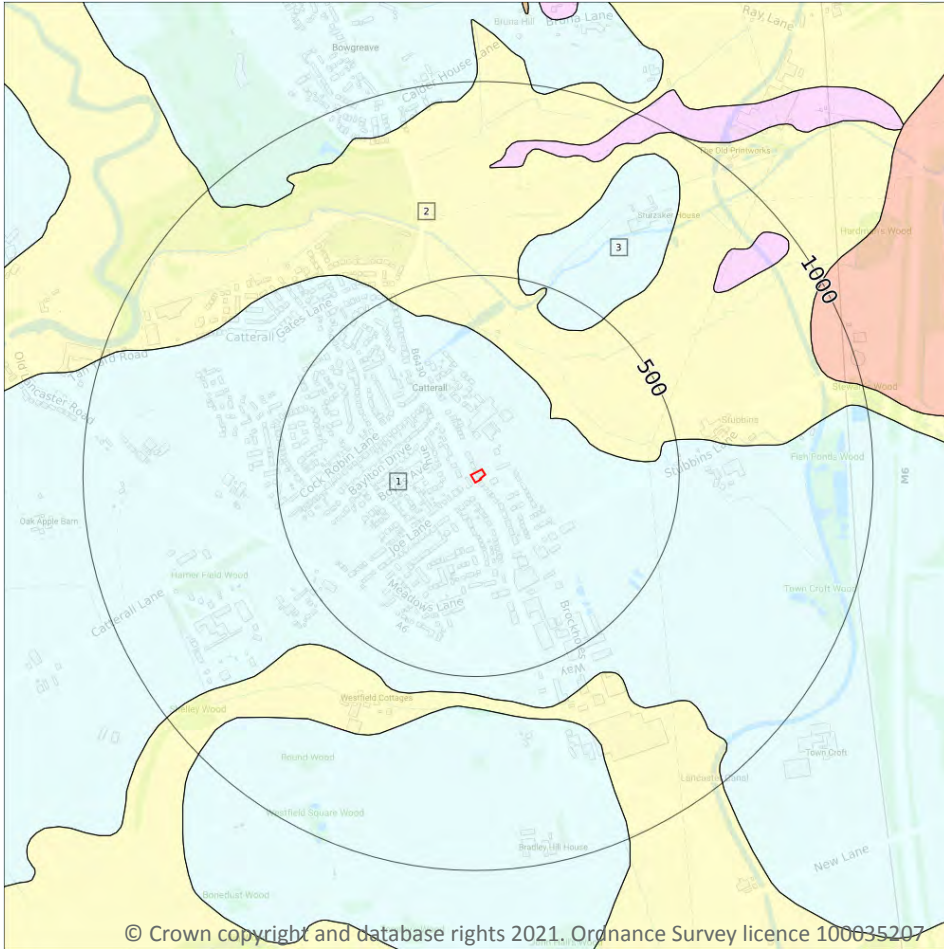
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



— Site Outline

Search buffers in metres (m)

▨ Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

3

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

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 98**

ID	Location	LEX Code	Description	Rock description
1	On site	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON
2	221m NE	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
3	416m NE	TILLD-DMTN	TILL, DEVENSIAN	DIAMICTON

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	Low
36m W	Mixed	High	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m **0**

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

This data is sourced from the British Geological Survey.

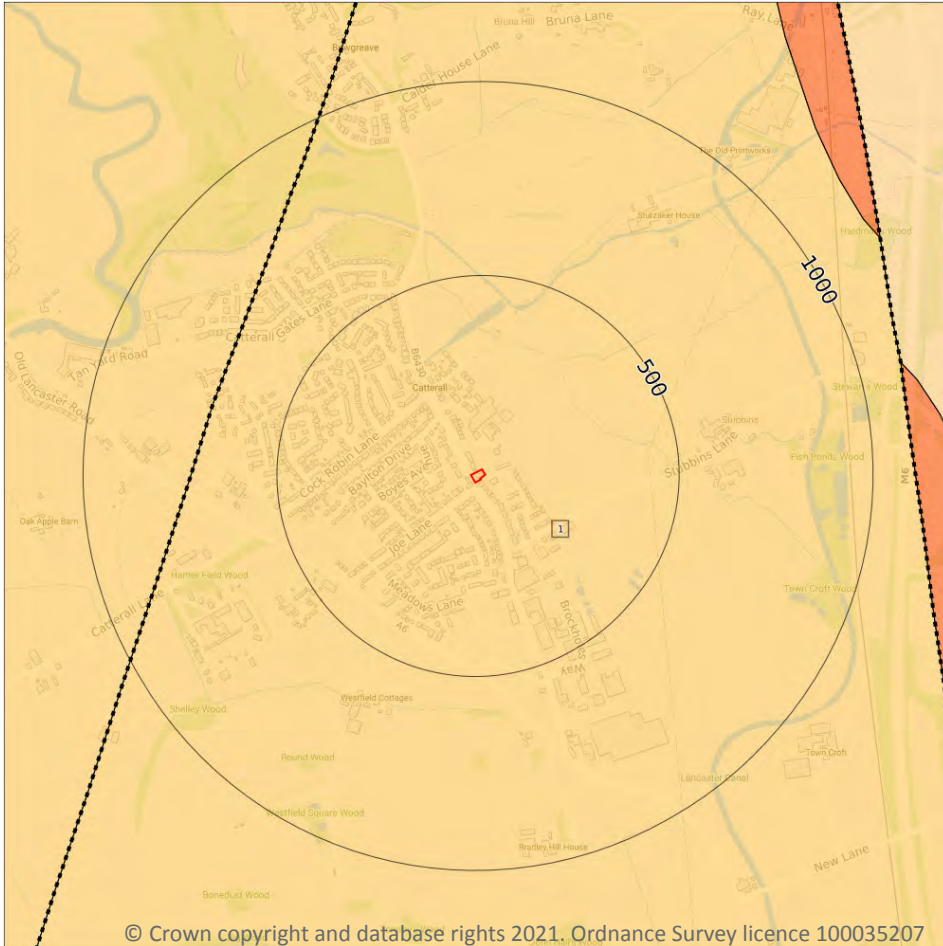
15.7 Landslip permeability (50k)

Records within 50m **0**

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

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock



- Site Outline
- Search buffers in metres (m)
- Bedrock faults and other linear features (50k)
- Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m **1**

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 100**

ID	Location	LEX Code	Description	Rock age
1	On site	SSG-SDST	SHERWOOD SANDSTONE GROUP - SANDSTONE	-

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	2
---------------------------	----------

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

Location	Flow type	Maximum permeability	Minimum permeability
On site	Mixed	High	High
36m W	Mixed	High	High

This data is sourced from the British Geological Survey.

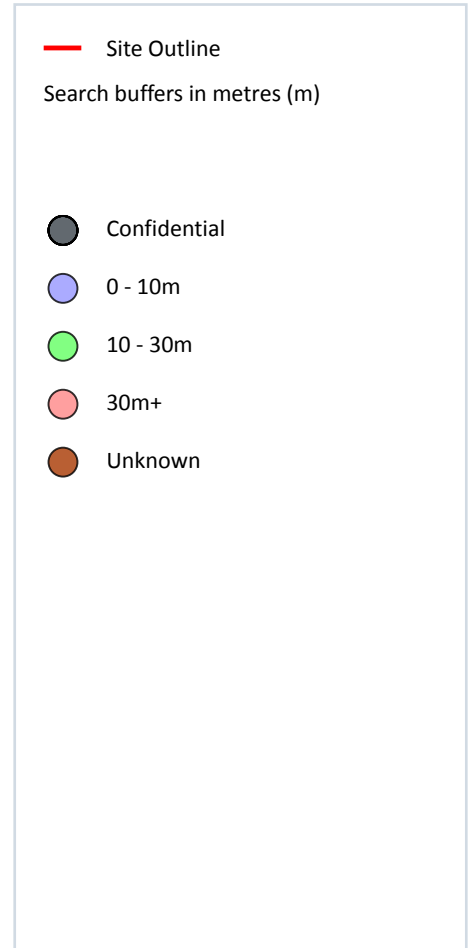
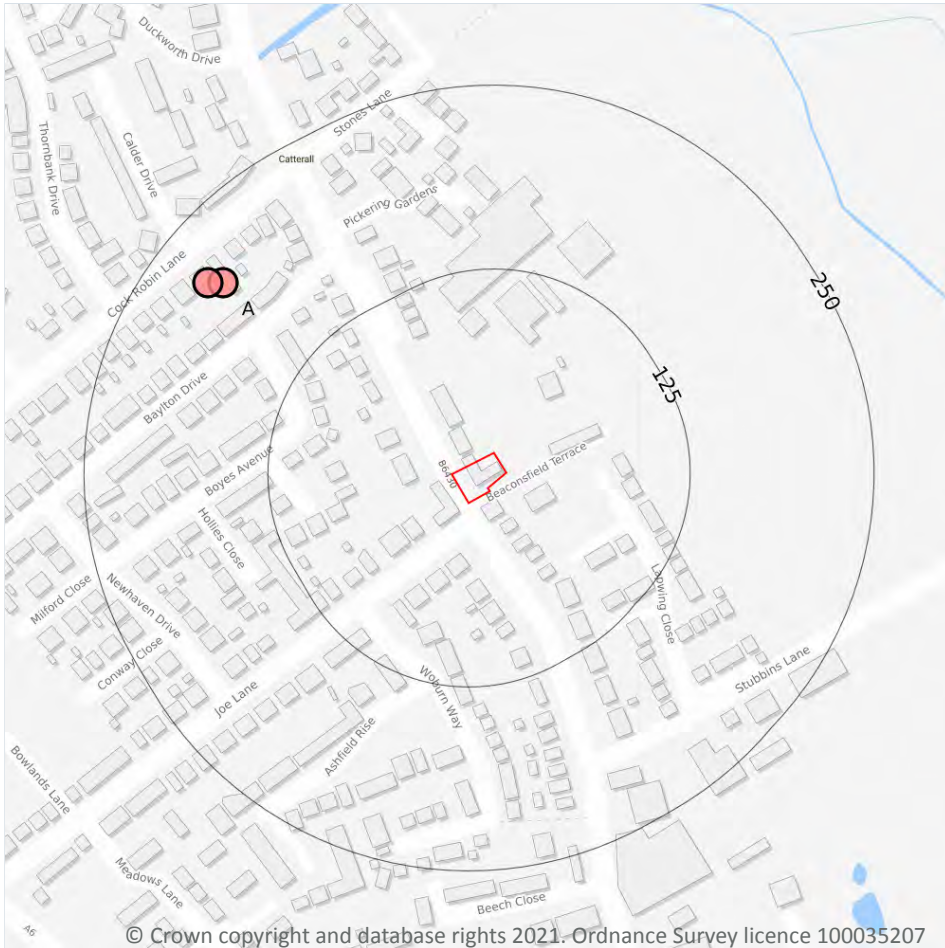
15.10 Bedrock faults and other linear features (50k)

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

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

This data is sourced from the British Geological Survey.

16 Boreholes



16.1 BGS Boreholes

Records within 250m

2

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 102**

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	203m NW	349880 442810	COCKROBIN ROAD CATTERALL	91.44	N	4974
A	211m NW	349870 442810	NATEBY CROSSING LANE CATTERALL 3	91.44	N	4821

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



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 103**

Location	Hazard rating	Details
On site	Very low	Ground conditions predominantly low plasticity.
36m W	Very low	Ground conditions predominantly low plasticity.

This data is sourced from the British Geological Survey.