

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
25	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
26	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
27	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
28	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
29	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
30	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
31	On site	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
32	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
33	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
34	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
35	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
36	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed



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37	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
38	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
39	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
40	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
41	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
42	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
43	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
44	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
45	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
46	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed



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47	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: Medium	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
48	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
49	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
50	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
51	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
A	On site	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
A	On site	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
52	19m NW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
53	24m NW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
54	28m NW	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
55	35m NE	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: <3m Patchiness value: >90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
56	35m SE	Summary Classification: Secondary bedrock aquifer - Medium Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40-70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Medium Aquifer type: Secondary Flow mechanism: Mixed



ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
57	36m E	Summary Classification: Secondary superficial aquifer - High Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: High Infiltration value: >70% Dilution value: <300mm/year	Vulnerability: High Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
58	39m NW	Summary Classification: Secondary superficial aquifer - Medium Vulnerability Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: High	Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Mixed
59	47m E	Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Low Infiltration value: 40- 70% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: Unproductive Aquifer type: Unproductive 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

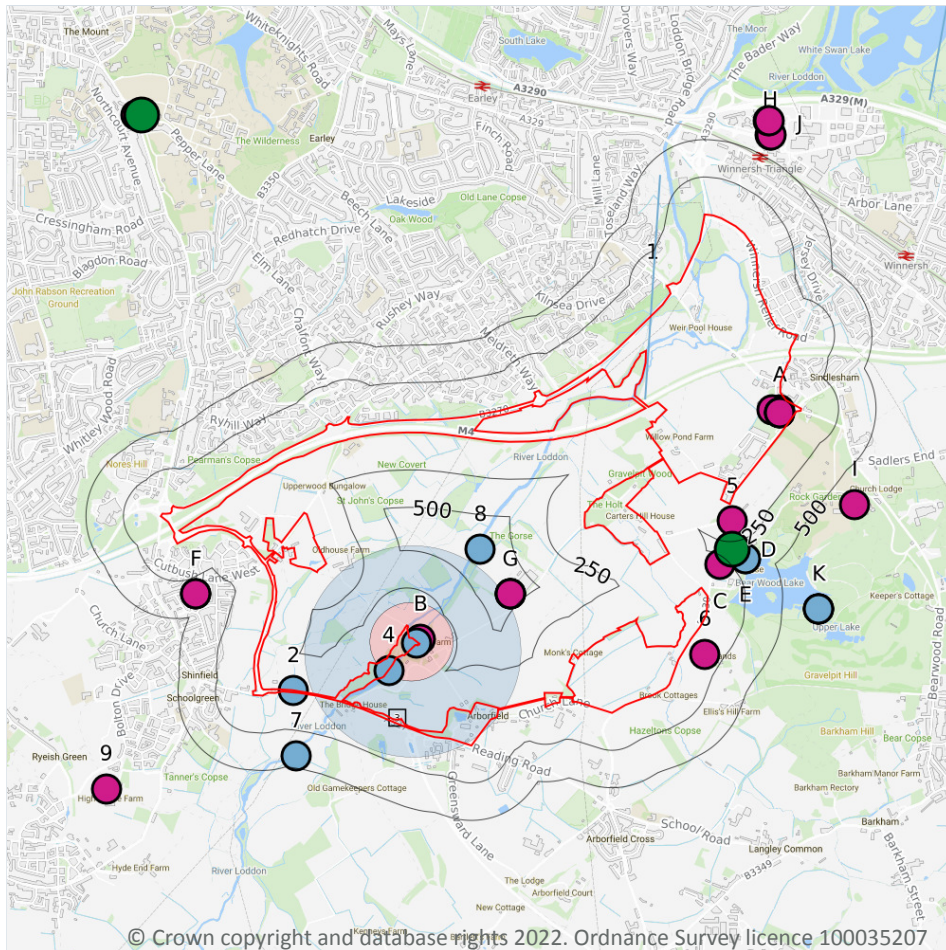
0

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



- Site Outline
- Search buffers in metres (m)
- Source Protection Zone 1
Inner catchment
- Source Protection Zone 2
Outer catchment
- Source Protection Zone 3
Total catchment
- Source Protection Zone 4
Zone of Special Interest
- Source Protection Zone 1c
Inner catchment - confined aquifer
- Source Protection Zone 2c
Outer catchment - confined aquifer
- Source Protection Zone 3c
Total catchment - confined aquifer
- Drinking water abstraction licences
Point features
- Drinking water abstraction licences
Polygon features
- Drinking water abstraction licences
Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m

27

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 91**



ID	Location	Details	
A	On site	Status: Historical Licence No: 28/39/24/0236 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE A Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477300 Northing: 169730	Annual Volume (m ³): 91250 Max Daily Volume (m ³): 250 Original Application No: - Original Start Date: 14/06/2001 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 05/02/2002 Version End Date: -
A	On site	Status: Historical Licence No: 28/39/24/0236 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE B Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477250 Northing: 169730	Annual Volume (m ³): 91250 Max Daily Volume (m ³): 250 Original Application No: - Original Start Date: 14/06/2001 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 05/02/2002 Version End Date: -
A	On site	Status: Historical Licence No: 28/39/24/0236 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE B Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477300 Northing: 169712	Annual Volume (m ³): 91250 Max Daily Volume (m ³): 250 Original Application No: - Original Start Date: 14/06/2001 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 05/02/2002 Version End Date: -
A	On site	Status: Historical Licence No: 28/39/24/0236 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE A Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477295 Northing: 169715	Annual Volume (m ³): 91250 Max Daily Volume (m ³): 250 Original Application No: - Original Start Date: 14/06/2001 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 05/02/2002 Version End Date: -



ID	Location	Details	
A	On site	Status: Active Licence No: 28/39/24/0236/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE B Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477300 Northing: 169712	Annual Volume (m³): 91,250 Max Daily Volume (m³): 250 Original Application No: NPS/WR/019281 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
A	On site	Status: Active Licence No: 28/39/24/0236/R01 Details: General Use Relating To Secondary Category (Medium Loss) Direct Source: THAMES GROUNDWATER Point: NIRVANA SPA, MOLE ROAD, SINDLESHAM - BOREHOLE A Data Type: Point Name: NIRVANA SPA AND LEISURE LTD Easting: 477295 Northing: 169715	Annual Volume (m³): 91,250 Max Daily Volume (m³): 250 Original Application No: NPS/WR/019281 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
B	29m NE	Status: Active Licence No: 28/39/24/0014 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: ARBORFIELD PUMPING STATION POINT A Data Type: Point Name: Thames Water Utilities Ltd Easting: 474900 Northing: 168200	Annual Volume (m³): 818,298 Max Daily Volume (m³): 2,273.05 Original Application No: RG959 Original Start Date: 10/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/01/1966 Version End Date: -
5	115m S	Status: Active Licence No: TH/039/0024/036 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: ABSTRACTION POINT BEARWOOD PARK Data Type: Point Name: RFC Bearwood Limited Easting: 476984 Northing: 168987	Annual Volume (m³): 35,000 Max Daily Volume (m³): 250 Original Application No: NPS/WR/027872 Original Start Date: 11/10/2019 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 11/10/2019 Version End Date: -



ID	Location	Details	
6	132m SE	Status: Historical Licence No: 28/39/24/0102 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: WELL AT NEWLANDS, ARBORFIELD Data Type: Point Name: HATCH FARM DAIRIES LTD Easting: 476800 Northing: 168100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 08/05/1967 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -
C	200m NE	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'B' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476900 Northing: 168700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -
D	301m S	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEARWOOD COLLEGE, WINNERSH, WOKINGHAM - BOREHOLE Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476980 Northing: 168800	Annual Volume (m ³): 36000 Max Daily Volume (m ³): 120 Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 101 Version Start Date: 04/03/2005 Version End Date: -
D	301m S	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEARWOOD COLLEGE WINNERSH WOKINGHAM - BOREHOLE Data Type: Point Name: TRUSTEES FOR THE TIME BEING OF BEARWOOD COLLEGE Easting: 476980 Northing: 168800	Annual Volume (m ³): 36000 Max Daily Volume (m ³): 120 Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 102 Version Start Date: 18/08/2006 Version End Date: -



ID	Location	Details	
F	359m S	Status: Historical Licence No: 28/39/24/0008 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: READING UNIVERSITY HORTICULTURAL STATION BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 473400 Northing: 168500	Annual Volume (m ³): 19728 Max Daily Volume (m ³): 272.76 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 13/05/1968 Version End Date: -
F	359m S	Status: Historical Licence No: 28/39/24/0008 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: READING UNIVERSITY HORTICULTURAL STATION BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 473400 Northing: 168500	Annual Volume (m ³): 19728 Max Daily Volume (m ³): 272.76 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 13/05/1968 Version End Date: -
F	359m S	Status: Historical Licence No: 28/39/24/0008 Details: Spray Irrigation - Spray Irrigation Definition Order Direct Source: THAMES GROUNDWATER Point: READING UNIVERSITY HORTICULTURAL STATION BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 473400 Northing: 168500	Annual Volume (m ³): 19728 Max Daily Volume (m ³): 272.76 Original Application No: - Original Start Date: 13/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 13/05/1968 Version End Date: -
G	579m NW	Status: Historical Licence No: 28/39/24/0255 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: HALL FARM, ARBORFIELD, READING - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 475500 Northing: 168500	Annual Volume (m ³): 73000 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 17/11/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/11/2008 Version End Date: -



ID	Location	Details	
G	579m NW	Status: Historical Licence No: 28/39/24/0255 Details: General Washing/Process Washing Direct Source: THAMES GROUNDWATER Point: HALL FARM, ARBORFIELD, READING - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 475500 Northing: 168500	Annual Volume (m ³): 73000 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 17/11/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/11/2008 Version End Date: -
G	579m NW	Status: Historical Licence No: 28/39/24/0255 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: HALL FARM, ARBORFIELD, READING - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 475500 Northing: 168500	Annual Volume (m ³): 73000 Max Daily Volume (m ³): 200 Original Application No: - Original Start Date: 17/11/2008 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 17/11/2008 Version End Date: -
G	579m NW	Status: Active Licence No: 28/39/24/0255/R01 Details: General Farming & Domestic Direct Source: THAMES GROUNDWATER Point: HALL FARM, ARBORFIELD, READING - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 475500 Northing: 168500	Annual Volume (m ³): 65,700 Max Daily Volume (m ³): 180 Original Application No: NPS/WR/019295 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
G	579m NW	Status: Active Licence No: 28/39/24/0255/R01 Details: Non-Evaporative Cooling Direct Source: THAMES GROUNDWATER Point: HALL FARM, ARBORFIELD, READING - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 475500 Northing: 168500	Annual Volume (m ³): 65,700 Max Daily Volume (m ³): 180 Original Application No: NPS/WR/019295 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -

ID	Location	Details	
H	644m NE	Status: Active Licence No: TH/039/0024/006/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: WINNERSH TRIANGLE BOREHOLE A1 Data Type: Point Name: Winnersh Midco SARL Easting: 477235 Northing: 171567	Annual Volume (m ³): 1,090,806 Max Daily Volume (m ³): 3,456 Original Application No: NPS/WR/019578 Original Start Date: 27/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 27/04/2016 Version End Date: -
H	649m NE	Status: Historical Licence No: TH/039/0024/006 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: WINNERSH TRIANGLE BOREHOLE A1 Data Type: Point Name: Winnersh Midco SARL Easting: 477240 Northing: 171570	Annual Volume (m ³): 1,090,806 Max Daily Volume (m ³): 3456 Original Application No: - Original Start Date: 21/10/2009 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 03/07/2015 Version End Date: -
I	681m SE	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'A' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 477800 Northing: 169100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -
J	722m NE	Status: Active Licence No: TH/039/0024/006/R01 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: WINNERSH TRIANGLE BOREHOLE A2 Data Type: Point Name: Winnersh Midco SARL Easting: 477222 Northing: 171662	Annual Volume (m ³): 1,090,806 Max Daily Volume (m ³): 3,456 Original Application No: NPS/WR/019578 Original Start Date: 27/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 27/04/2016 Version End Date: -
J	724m NE	Status: Historical Licence No: TH/039/0024/006 Details: Heat Pump Direct Source: THAMES GROUNDWATER Point: WINNERSH TRIANGLE BOREHOLE A2 Data Type: Point Name: Winnersh Midco SARL Easting: 477230 Northing: 171660	Annual Volume (m ³): 1,090,806 Max Daily Volume (m ³): 3456 Original Application No: - Original Start Date: 21/10/2009 Expiry Date: 31/03/2016 Issue No: 2 Version Start Date: 03/07/2015 Version End Date: -



ID	Location	Details	
9	1164m SW	Status: Historical Licence No: 28/39/24/0142 Details: Spray Irrigation - Direct Direct Source: THAMES GROUNDWATER Point: HIGH COPSE FARM, SHINFIELD - BOREHOLE Data Type: Point Name: UNIVERSITY OF READING Easting: 472800 Northing: 167200	Annual Volume (m ³): 37277 Max Daily Volume (m ³): 681.9 Original Application No: - Original Start Date: 05/04/1971 Expiry Date: - Issue No: 100 Version Start Date: 05/04/1971 Version End Date: -
-	1854m W	Status: Historical Licence No: 28/39/22/0601 Details: Make-Up or Top Up Water Direct Source: THAMES GROUNDWATER Point: READING INTERNATIONAL BUSINESS PARK Data Type: Point Name: AKELER DEVELOPMENTS LTD Easting: 471320 Northing: 168840	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 10/11/2000 Expiry Date: - Issue No: 1 Version Start Date: 10/11/2000 Version End Date: -

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

5.7 Surface water abstractions

Records within 2000m

13

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 91**

ID	Location	Details	
1	On site	Status: Historical Licence No: 28/39/24/0099 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LODDON AT HATCH FARM, SINDLESHAM Data Type: Line Name: HATCH FARM DAIRIES LTD Easting: 476400 Northing: 169800	Annual Volume (m ³): 6000 Max Daily Volume (m ³): 163.66 Original Application No: - Original Start Date: 10/04/1967 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2001 Version End Date: -



ID	Location	Details	
2	On site	Status: Historical Licence No: TH/039/0024/026 Details: Dust Suppression Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LODDEN- RIVER LODDEN TRIBUTARY (POINT A) Data Type: Point Name: Hochtief (UK) Construction Limited Easting: 474051 Northing: 167856	Annual Volume (m³): 12000 Max Daily Volume (m³): 60 Original Application No: - Original Start Date: 17/08/2015 Expiry Date: 17/04/2016 Issue No: 1 Version Start Date: 17/08/2015 Version End Date: -
B	On site	Status: Historical Licence No: TH/039/0024/026 Details: Dust Suppression Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LODDEN TRIBUTARY ADJACENT TO HALL FARM (POINT B) Data Type: Point Name: Hochtief (UK) Construction Limited Easting: 474872 Northing: 168175	Annual Volume (m³): 12000 Max Daily Volume (m³): 60 Original Application No: - Original Start Date: 17/08/2015 Expiry Date: 17/04/2016 Issue No: 1 Version Start Date: 17/08/2015 Version End Date: -
4	1m SE	Status: Active Licence No: TH/039/0024/008 Details: Transfer Between Sources (Post Water Act 2003) Direct Source: THAMES SURFACE WATER - NON TIDAL Point: ARBORFIELD OFF-TAKE STRUCTURE Data Type: Point Name: THE ENVIRONMENT AGENCY Easting: 474687 Northing: 167991	Annual Volume (m³): - Max Daily Volume (m³): - Original Application No: NPS/WR/002619 Original Start Date: 28/05/2010 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/01/2012 Version End Date: -
E	353m NE	Status: Historical Licence No: 28/39/24/0200 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD GOLF COURSE, SINDLESHAM Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 477070 Northing: 168740	Annual Volume (m³): 2273 Max Daily Volume (m³): 33 Original Application No: - Original Start Date: 01/08/1989 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -



ID	Location	Details	
E	354m NE	Status: Active Licence No: 28/39/24/0200 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD GOLF COURSE, SINDLESHAM Data Type: Point Name: RFC Bearwood Limited Easting: 477071 Northing: 168740	Annual Volume (m ³): 2,273 Max Daily Volume (m ³): 33 Original Application No: NPS/WR/025060 Original Start Date: 01/08/1989 Expiry Date: - Issue No: 102 Version Start Date: 22/12/2016 Version End Date: -
7	418m S	Status: Historical Licence No: 28/39/24/0253 Details: Spray Irrigation - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LODDON AT ROUNDS COPSE, NEAR ARBORFIELD, BERKS Data Type: Point Name: FARLEY FARMS Easting: 474070 Northing: 167420	Annual Volume (m ³): 48000 Max Daily Volume (m ³): 1440 Original Application No: - Original Start Date: 27/03/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 27/03/2007 Version End Date: -
8	705m NE	Status: Historical Licence No: 28/39/24/0198 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: RIVER LODDON AT ARBORFIELD Data Type: Point Name: UNIVERSITY OF READING Easting: 475300 Northing: 168800	Annual Volume (m ³): 29094 Max Daily Volume (m ³): 430 Original Application No: - Original Start Date: 07/11/1988 Expiry Date: - Issue No: 100 Version Start Date: 20/08/1996 Version End Date: -
K	746m E	Status: Historical Licence No: 28/39/24/0223 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 02/05/1996 Expiry Date: 31/12/2006 Issue No: 100 Version Start Date: 21/05/1998 Version End Date: -



ID	Location	Details	
K	746m E	Status: Historical Licence No: 28/39/24/0251 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 01/01/2007 Expiry Date: 31/03/2016 Issue No: 1 Version Start Date: 01/04/2012 Version End Date: -
K	746m E	Status: Historical Licence No: 28/39/24/0251/R01 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 26940 Max Daily Volume (m ³): 427 Original Application No: - Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 1 Version Start Date: 01/04/2016 Version End Date: -
K	746m E	Status: Active Licence No: 28/39/24/0251/R01 Details: Spray Irrigation - Storage Direct Source: THAMES SURFACE WATER - NON TIDAL Point: BEARWOOD LAKE AT BEARWOOD LAKES GOLF CLUB Data Type: Point Name: WARD WILSON INVESTMENTS LTD Easting: 477560 Northing: 168400	Annual Volume (m ³): 36,000 Max Daily Volume (m ³): 854 Original Application No: NPS/WR/029765 Original Start Date: 01/04/2016 Expiry Date: 31/03/2028 Issue No: 3 Version Start Date: 01/04/2019 Version End Date: -
10	1525m NE	Status: Active Licence No: 28/39/24/0057 Details: Spray Irrigation - Direct Direct Source: THAMES SURFACE WATER - NON TIDAL Point: EMM BROOK AT DINTON PASTURES GC Data Type: Line Name: THE BRACKNELL & WOKINGHAM JOINT GOLF COURSE COMMITTEE Easting: 478500 Northing: 172900	Annual Volume (m ³): 16,366 Max Daily Volume (m ³): 218 Original Application No: WRA/2241 Original Start Date: 01/08/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2012 Version End Date: -

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



5.8 Potable abstractions

Records within 2000m

5

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 91**

ID	Location	Details	
B	29m NE	Status: Active Licence No: 28/39/24/0014 Details: Potable Water Supply - Direct Direct Source: THAMES GROUNDWATER Point: ARBORFIELD PUMPING STATION POINT A Data Type: Point Name: Thames Water Utilities Ltd Easting: 474900 Northing: 168200	Annual Volume (m ³): 818,298 Max Daily Volume (m ³): 2,273.05 Original Application No: RG959 Original Start Date: 10/01/1966 Expiry Date: - Issue No: 100 Version Start Date: 10/01/1966 Version End Date: -
C	200m NE	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'B' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476900 Northing: 168700	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -
D	301m S	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEARWOOD COLLEGE, WINNERSH, WOKINGHAM - BOREHOLE Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 476980 Northing: 168800	Annual Volume (m ³): 36000 Max Daily Volume (m ³): 120 Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 101 Version Start Date: 04/03/2005 Version End Date: -



ID	Location	Details	
D	301m S	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEARWOOD COLLEGE WINNERSH WOKINGHAM - BOREHOLE Data Type: Point Name: TRUSTEES FOR THE TIME BEING OF BEARWOOD COLLEGE Easting: 476980 Northing: 168800	Annual Volume (m ³): 36000 Max Daily Volume (m ³): 120 Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 102 Version Start Date: 18/08/2006 Version End Date: -
I	681m SE	Status: Historical Licence No: 28/39/24/0152 Details: Drinking, Cooking, Sanitary, Washing, (Small Garden) - Commercial/Industrial/Public Services Direct Source: THAMES GROUNDWATER Point: BEAR WOOD, SINDLESHAM - BOREHOLE 'A' Data Type: Point Name: ROYAL MERCHANT NAVY SCHOOL FOUNDATION Easting: 477800 Northing: 169100	Annual Volume (m ³): - Max Daily Volume (m ³): - Original Application No: - Original Start Date: 09/10/1972 Expiry Date: - Issue No: 100 Version Start Date: 05/03/1980 Version End Date: -

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

5.9 Source Protection Zones

Records within 500m	2
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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 91**

ID	Location	Type	Description
3	On site	2	Outer catchment
B	On site	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

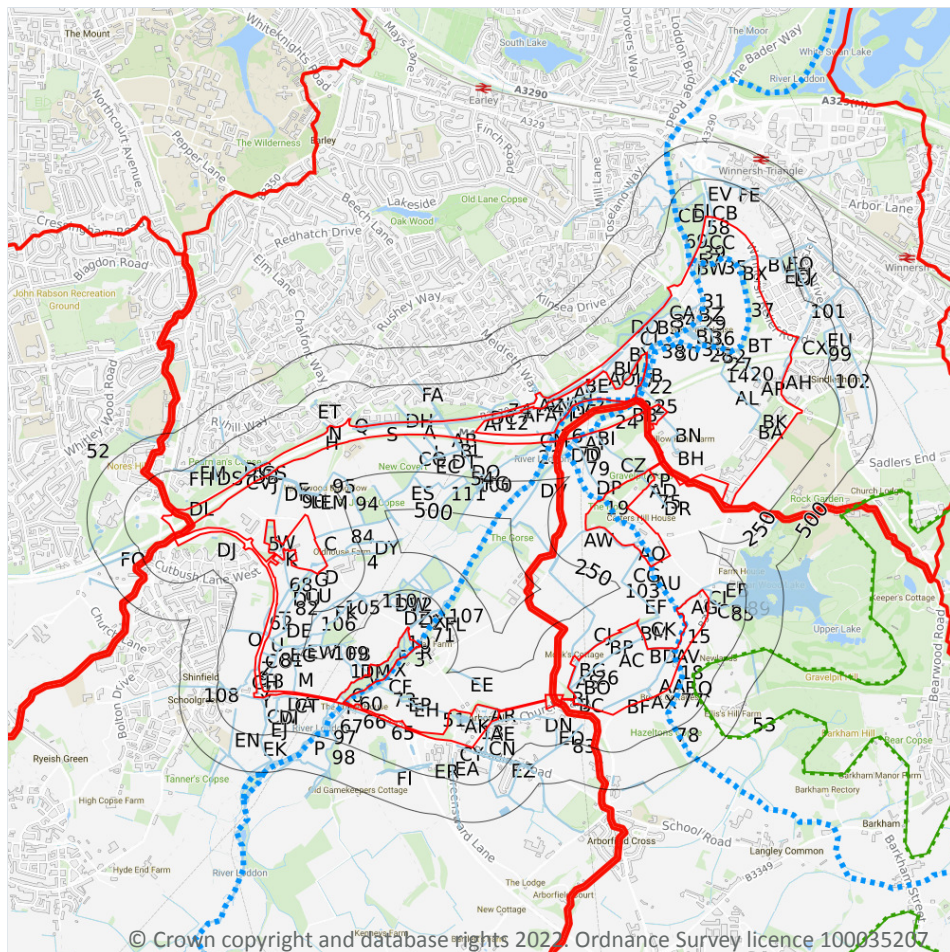
0

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

569

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

Features are displayed on the Hydrology map on **page 105**

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



ID	Location	Type of water feature	Ground level	Permanence	Name
2	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
3	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
4	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
5	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
7	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
8	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
9	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
10	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
11	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
13	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
14	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
15	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
16	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
17	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
18	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
19	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
20	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
21	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
22	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
23	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
24	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
25	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
26	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
27	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
28	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
29	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
30	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
31	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
32	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
33	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
34	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
35	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
36	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
37	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
38	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
39	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
51	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
A	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
B	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
C	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
E	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon



ID	Location	Type of water feature	Ground level	Permanence	Name
F	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
I	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
K	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
P	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
S	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
T	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
V	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
V	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
W	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
Y	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse may not contain water all year round	-
Z	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AC	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CA	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BC	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CB	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AE	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BD	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CC	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BE	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BG	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
AH	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BH	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AJ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BI	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BI	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AK	On site	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BJ	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BJ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AL	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BK	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BK	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BK	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AM	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BL	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BL	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BM	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BM	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BN	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BO	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BP	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BQ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BR	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AU	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BT	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AV	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BU	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BV	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AX	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AX	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AX	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BW	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AY	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BX	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BX	On site	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BX	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AZ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BZ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BZ	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	On site	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CG	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	1m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
G	1m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BM	1m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
57	1m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AE	2m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	2m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
U	2m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BU	2m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
58	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	3m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CJ	3m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CK	3m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AQ	3m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	4m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AB	4m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	5m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CL	5m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
A	5m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
F	5m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
X	5m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CM	5m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	6m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CI	6m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	6m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CN	6m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CO	6m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CF	7m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon



ID	Location	Type of water feature	Ground level	Permanence	Name
CP	7m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	7m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
F	7m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
G	7m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CP	7m NW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
Y	8m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	8m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse may not contain water all year round	-
G	8m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CQ	8m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	8m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	9m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
60	9m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
X	9m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon



ID	Location	Type of water feature	Ground level	Permanence	Name
CF	9m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
AH	9m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CI	9m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CF	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CR	9m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	9m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BE	9m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	9m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
BS	10m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BW	10m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CO	10m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	10m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
62	10m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CF	11m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
AQ	11m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CS	11m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BY	12m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
65	12m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	12m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CU	12m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CV	12m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CW	12m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	13m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
66	13m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	13m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AH	13m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
BS	13m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	13m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	13m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
Y	13m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BS	14m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	14m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	14m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CZ	14m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	15m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	16m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DB	16m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	16m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DB	16m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CF	17m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
U	18m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	18m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DA	19m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CT	19m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
67	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	20m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	21m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	21m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	21m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	22m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
CY	22m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
68	23m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	23m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
69	24m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
DB	24m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DC	24m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CF	24m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CY	24m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	24m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DB	25m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
70	25m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DD	25m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
71	26m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon



ID	Location	Type of water feature	Ground level	Permanence	Name
U	27m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DE	27m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	27m NW	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CF	28m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	29m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AB	29m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DG	30m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	30m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	31m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DG	32m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DH	33m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	33m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DA	34m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DI	34m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
72	34m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	35m NE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	37m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DJ	37m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
73	38m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AF	39m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DK	41m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DF	42m SE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
AE	46m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BI	48m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DL	48m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DM	49m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AE	50m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
74	52m N	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
Y	52m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AB	52m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	55m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DN	60m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	60m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	60m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Y	61m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
75	61m SE	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DO	62m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BS	62m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	63m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
AE	63m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DP	65m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	66m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	66m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
77	66m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	67m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	67m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
BL	67m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	68m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
78	68m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
79	69m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	69m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	70m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DQ	70m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	75m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DR	78m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DS	78m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
BL	80m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	82m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	83m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DT	83m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	87m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
AE	88m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	89m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DU	89m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	91m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DD	92m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DV	92m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DU	93m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
AE	93m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	94m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	96m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DU	96m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	97m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	99m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
81	99m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
82	104m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DX	104m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	106m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
C	106m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DZ	108m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CX	108m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	108m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EB	112m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
C	113m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
83	119m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	119m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EE	119m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EF	120m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EG	120m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
84	122m E	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
DX	127m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DX	127m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
85	128m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EH	130m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EI	130m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EJ	131m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EK	131m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EC	138m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CH	141m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	142m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EL	142m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EN	144m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
89	145m E	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	Bear Wood Lake
ED	147m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
EJ	148m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
90	148m N	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
DX	151m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	152m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	152m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DY	155m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	155m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	155m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EM	156m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
92	156m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EP	157m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	157m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EQ	157m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
EA	157m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EP	157m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EM	161m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ER	164m S	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	164m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ER	165m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DX	166m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ED	168m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
94	168m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
95	168m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ED	172m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DX	173m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ES	174m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
ET	174m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EU	176m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ET	176m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EV	176m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ET	177m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DZ	177m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EW	178m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EG	178m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	179m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ET	179m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
97	180m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
98	182m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EY	182m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
ER	183m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ET	185m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
99	186m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	186m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ED	187m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EZ	187m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	187m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	187m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ER	187m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FA	189m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	190m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	191m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EU	192m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
100	192m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DW	194m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	197m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CY	198m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
ER	199m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	200m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
101	201m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CD	201m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FB	201m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	202m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FE	203m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
102	207m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	207m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
EG	207m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CH	207m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ED	208m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	209m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	211m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
103	212m SW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EG	212m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FB	213m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	213m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	213m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FG	214m S	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
CY	214m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EA	214m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
FH	216m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CD	217m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
EM	217m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	218m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CY	218m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EG	218m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EO	218m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EW	218m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	219m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FJ	220m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
105	222m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EG	222m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
FI	223m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DW	224m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
CD	225m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
CD	225m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
106	226m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FK	226m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
FI	226m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ER	226m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
107	228m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	River Loddon
FL	228m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	230m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
FG	231m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
108	232m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
FG	232m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
FK	232m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	234m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FM	234m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FM	234m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
109	236m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EZ	236m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
FG	236m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
CD	238m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EZ	239m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DW	239m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DW	239m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FG	240m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ED	241m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-



ID	Location	Type of water feature	Ground level	Permanence	Name
DW	241m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
EA	242m S	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
EA	244m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
ED	245m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FO	246m SW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
FL	246m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
110	247m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
DW	247m N	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
111	248m S	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m

147

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 105**

This data is sourced from the Ordnance Survey.



6.3 WFD Surface water body catchments

Records on site

3

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 105**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
52	On site	River	Foudry Brook (West End Brook to M4)	GB106039017380	Kennet	Kennet and Trib
53	On site	River	Barkham Brook	GB106039017400	Loddon	Loddon and Trib
54	On site	River	Loddon (Swallowfield to River Thames confluence)	GB106039023160	Loddon	Loddon and Trib

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

6.4 WFD Surface water bodies

Records identified

3

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 105**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
55	On site	River	Barkham Brook	GB106039017400	Moderate	Fail	Moderate	2019
56	On site	River	Loddon (Swallowfield to River Thames confluence)	GB106039023160	Moderate	Fail	Moderate	2019
-	2506m NW	River	Foudry Brook (West End Brook to M4)	GB106039017380	Poor	Fail	Poor	2019

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



6.5 WFD Groundwater bodies

Records on site

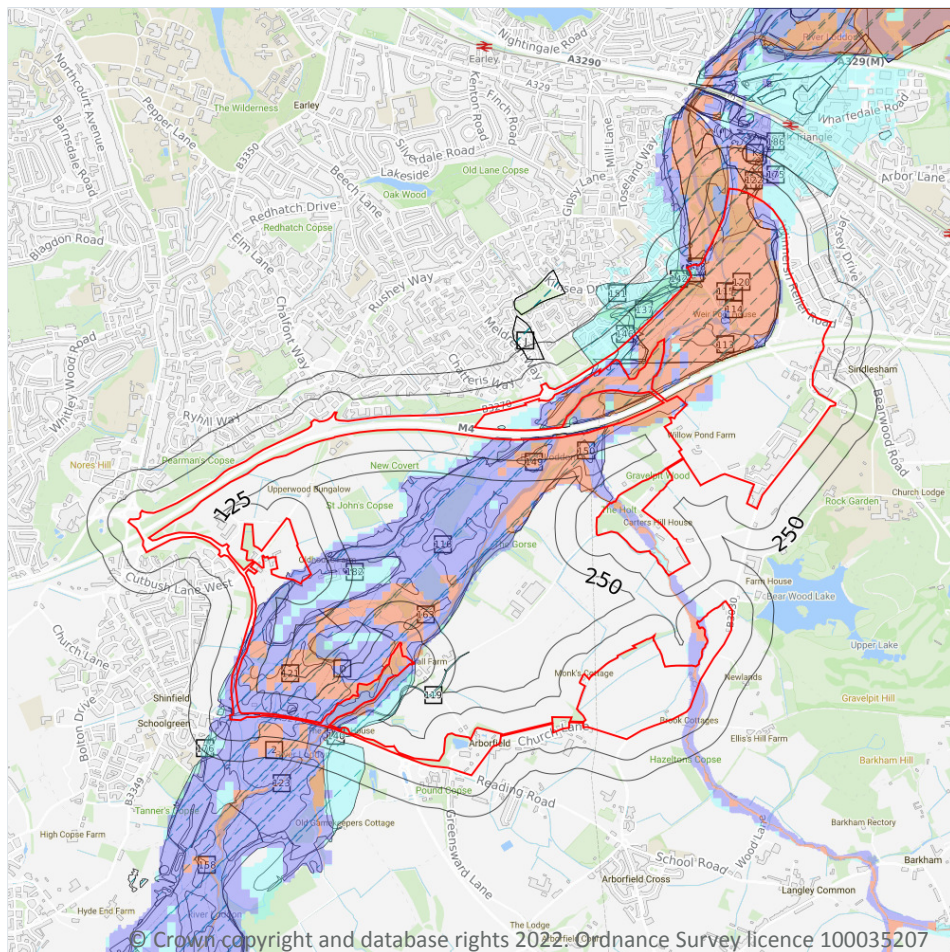
0

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.

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



7 River and coastal flooding



— Site Outline
Search buffers in metres (m)

River and coastal flooding:

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

7.1 Risk of flooding from rivers and the sea

Records within 50m

140

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

Features are displayed on the River and coastal flooding map on **page 152**



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

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

7.2 Historical Flood Events

Records within 250m	39
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Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

Features are displayed on the River and coastal flooding map on **page 152**

ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
2	On site	South West England	2014-01-30 2014-02-10	Unclassified	Unclassified	No data
B	On site	06februarywinter1990	1990-01-01 1990-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
D	On site	06februarywinter1990	1990-01-01 1990-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
D	On site	06februarywinter1991	1991-01-01 1991-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
E	On site	06novemberautumn1974	1974-01-01 1974-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
E	On site	06decemberwinter1981	1981-01-01 1981-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
E	On site	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
113	On site	South West England	2014-01-30 2014-02-10	Unclassified	Unclassified	No data
114	On site	06februarywinter1990	1990-01-01 1990-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
115	On site	06februarywinter1991	1991-01-01 1991-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial



ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
116	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
117	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
118	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
119	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
120	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
121	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
122	On site	06februarywinter1990	1990-01-01 1990-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
123	On site	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
F	4m N	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
137	11m NW	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
140	18m S	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
142	24m NW	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
146	33m NW	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
149	38m S	South West England	2014-01-30 2014-02-10	Unclassified	Unclassified	No data
150	40m S	South West England	2014-01-30 2014-02-10	Unclassified	Unclassified	No data
151	41m NW	06februarywinter1990	1990-01-01 1990-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
G	43m W	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
158	74m W	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial



ID	Location	Event name	Date of flood	Flood source	Flood cause	Type of flood
163	90m NE	South West England	2014-01-30 2014-02-10	Unclassified	Unclassified	No data
J	145m N	06decemberwinter1981	1981-01-01 1981-12-12	Drainage	Channel capacity exceeded (no raised defences)	Fluvial
J	145m N	06novemberautumn1974	1974-01-01 1974-12-12	Other	Channel capacity exceeded (no raised defences)	Fluvial
J	145m N	06marchspring1947	1947-01-01 1947-12-12	Other	Channel capacity exceeded (no raised defences)	Fluvial
175	146m NE	Thames Se Area July 2007	2007-07-20 2007-07-21	Drainage	Local drainage/surface water	No data
176	158m SW	Thames Se Area July 2007	2007-07-20 2007-07-21	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	174m N	06decemberwinter1981	1981-01-01 1981-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	174m N	06novemberautumn1974	1974-01-01 1974-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
K	174m N	06marchspring1947	1947-01-01 1947-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial
182	195m E	Thames Se Area July 2007	2007-07-20 2007-07-21	Drainage	Local drainage/surface water	No data
186	246m NE	06septemberautumn1968	1968-01-01 1968-12-12	Main river	Channel capacity exceeded (no raised defences)	Fluvial

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

7.3 Flood Defences

Records within 250m

0

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

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



7.4 Areas Benefiting from Flood Defences

Records within 250m

0

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

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

7.5 Flood Storage Areas

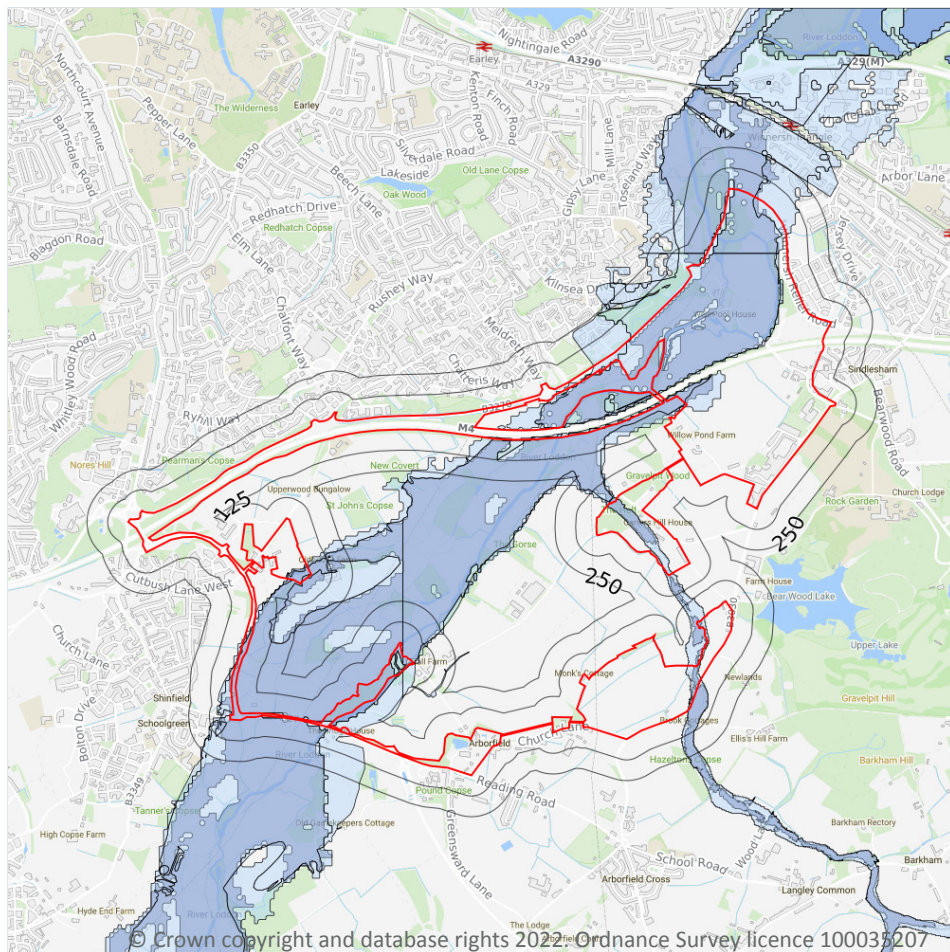
Records within 250m

0

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

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

River and coastal flooding - Flood Zones



- Site Outline
- Search buffers in metres (m)
- Flood zone 2
- Flood zone 3

7.6 Flood Zone 2

Records within 50m

1

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

Features are displayed on the River and coastal flooding map on **page 152**

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

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

7.7 Flood Zone 3

Records within 50m

1

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

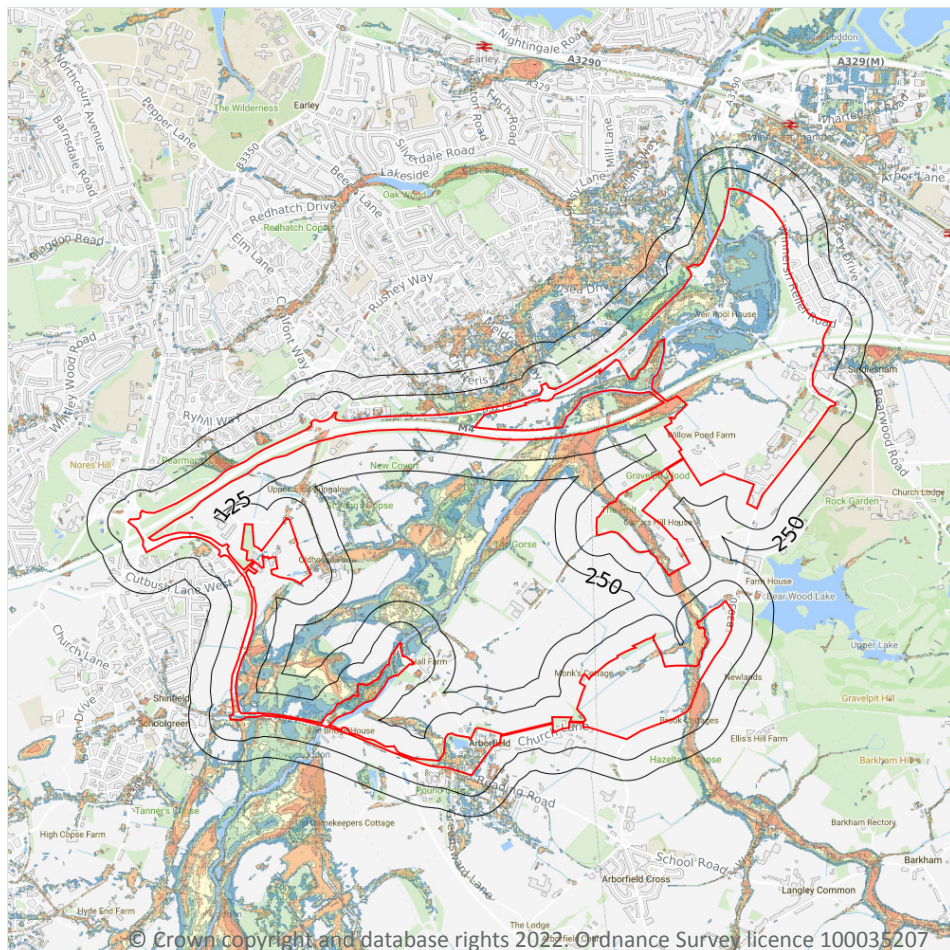
Features are displayed on the River and coastal flooding map on **page 152**

Location	Type
On site	Zone 3 - (Fluvial Models)

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



8 Surface water flooding



— Site Outline

Search buffers in metres (m)

1 in 1000 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period

- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site

1 in 30 year, Greater than 1.0m

Highest risk within 50m

1 in 30 year, Greater than 1.0m

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

Features are displayed on the Surface water flooding map on **page 159**

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

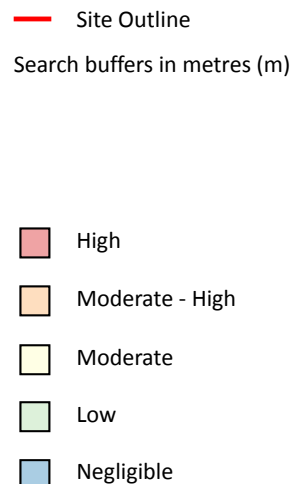
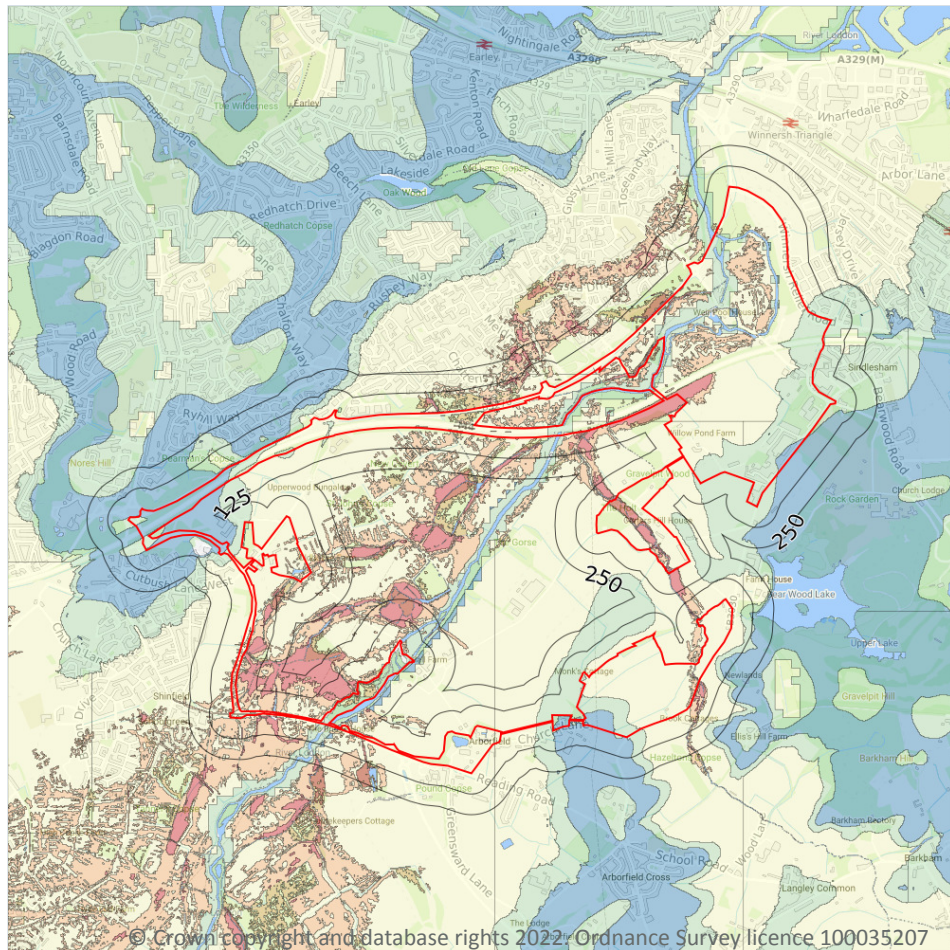
The table below shows the maximum flood depths for a range of return periods for the site.

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

This data is sourced from Ambiantal Risk Analytics.



9 Groundwater flooding



9.1 Groundwater flooding

Highest risk on site

High

Highest risk within 50m

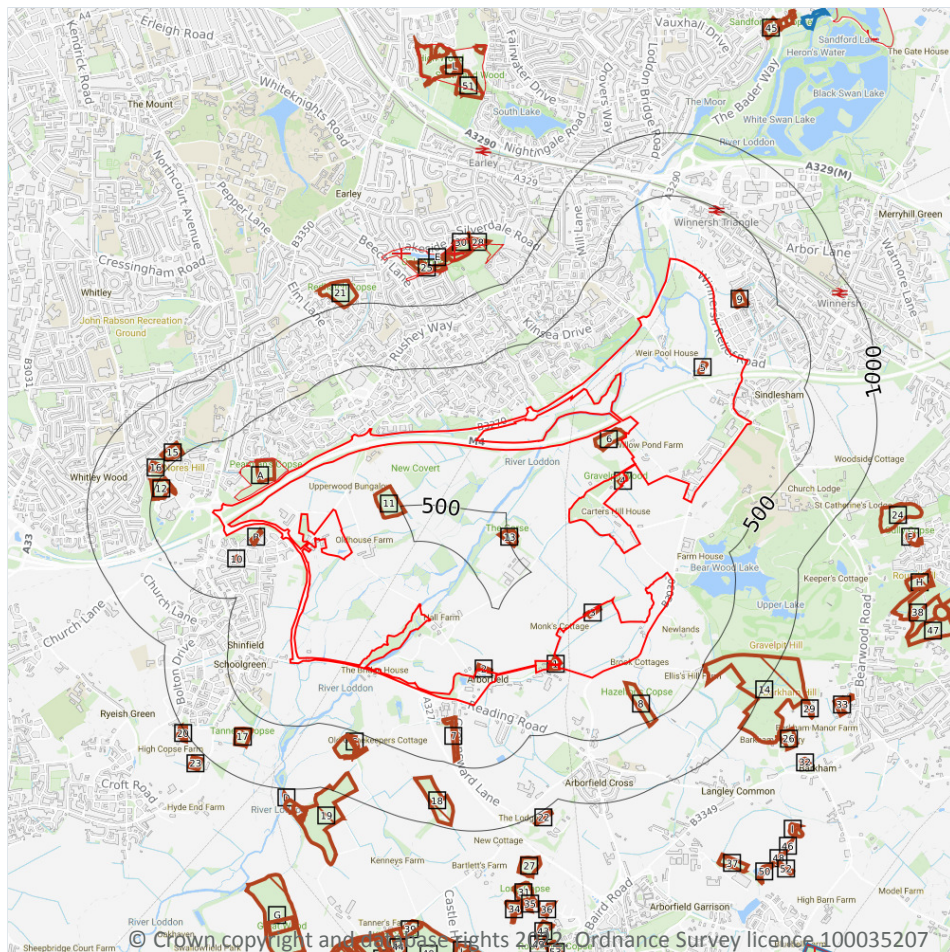
High

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

Features are displayed on the Groundwater flooding map on **page 161**

This data is sourced from Ambiantal Risk Analytics.

10 Environmental designations



- Site Outline
- Search buffers in metres (m)
- Sites of Special Scientific Interest (SSSI)
- + Local Nature Reserves (LNR)
- Designated Ancient Woodland

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m

0

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

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

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m**0**

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

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

10.3 Special Areas of Conservation (SAC)

Records within 2000m**0**

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

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

10.4 Special Protection Areas (SPA)

Records within 2000m**0**

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

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

10.5 National Nature Reserves (NNR)

Records within 2000m**0**

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

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

10.6 Local Nature Reserves (LNR)

Records within 2000m

3

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

Features are displayed on the Environmental designations map on **page 162**

ID	Location	Name	Data source
A	12m NW	Pearman's Copse	Natural England
E	1194m N	Maiden Eriegh Park	Natural England
L	1979m NW	Highwood	Natural England

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

10.7 Designated Ancient Woodland

Records within 2000m

84

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

Features are displayed on the Environmental designations map on **page 162**

ID	Location	Name	Woodland Type
1	On site	(Tithe Map: Brick Kiln Coppice)(tithe:brickkiln Coppice)	Ancient & Semi-Natural Woodland
2	On site	(Tithe Map: Furzen Coppice Parson's Coppice)(tithe:furzen Or Parsons Coppice)	Ancient & Semi-Natural Woodland
3	On site	(Tithe:dog Kennel Copse)	Ancient & Semi-Natural Woodland
4	On site	(Epo3=gravelpit Wood)	Ancient & Semi-Natural Woodland
5	On site	Unknown	Ancient & Semi-Natural Woodland
6	2m SW	Loader's Copse(tithe:loaders Copse)	Ancient & Semi-Natural Woodland

ID	Location	Name	Woodland Type
A	29m NW	Pearman's Copse (Tithe Map: Pearmans Coppice)(tithe:pearmans Coppice)	Ancient & Semi-Natural Woodland
B	51m S	(Tithe:the Shaw)	Ancient & Semi-Natural Woodland
B	126m S	(Tithe: The Shaw)	Ancient & Semi-Natural Woodland
7	136m S	Pound Copse (Tithe Map: Pound Coppice Wellan's Coppice)(tithe:pond Or Willans Coppice)	Ancient & Semi-Natural Woodland
8	147m S	(Epo2: Hazeltons Copse; Tithe:hazletons Copse)	Ancient & Semi-Natural Woodland
9	160m E	Unknown	Ancient & Semi-Natural Woodland
10	184m SE	(Tithe:coppice Adjoining Home Close)	Ancient & Semi-Natural Woodland
11	331m E	St. John's Copse (Tithe Map: St Johns Coppice)(tithe:saint Johns Coppice)	Ancient & Semi-Natural Woodland
12	333m NW	Nores Hill (Tithe Map: Nores Hill Coppice)(tithe:noves Hill Coppice)	Ancient & Semi-Natural Woodland
13	427m W	(Epoch2: The Gorse; Tithe:newburys Copse)	Ancient & Semi-Natural Woodland
14	507m E	The Coombes	Ancient & Semi-Natural Woodland
15	513m NW	(Tithe Map: Great Whitley Wood Coppice)(tithe:great Whitley Wood Coppice)	Ancient & Semi-Natural Woodland
16	519m NW	(Tithe Map: Little Whitley Wood Coppice)(tithe:little Whitley Wood Coppice)	Ancient & Semi-Natural Woodland
C	539m S	Rounds Copse	Ancient & Semi-Natural Woodland
C	546m S	Rounds Copse(tithe:driftway Waste)	Ancient & Semi-Natural Woodland
C	551m S	Rounds Copse (Tithe Map: Round Coppice)(tithe:round Coppice)	Ancient & Semi-Natural Woodland
C	590m SW	Rounds Copse(tithe:driftway Waste)	Ancient & Semi-Natural Woodland
C	596m SW	Rounds Copse	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
17	618m SW	Tanner's Copse (Tithe Map: Tanners Coppice)(tithe:furgy Or Tanners Coppice)	Ancient & Semi-Natural Woodland
18	634m S	Bottom Copse (Tithe Map: Bottoms Coppice)(tithe:bottom Coppice)	Ancient Replanted Woodland
19	828m SW	Moor Copse (Tithe Map: Moor Coppice)(tithe:moor Coppice)	Ancient & Semi-Natural Woodland
20	973m SW	High Copse (Tithe Map: High Coppice)(tithe:high Coppice)	Ancient & Semi-Natural Woodland
21	986m N	Redhatch Copse(tithe:seven Acre Coppice)	Ancient & Semi-Natural Woodland
22	1030m SE	Unknown	Ancient & Semi-Natural Woodland
D	1034m S	(Tithe Map: Moor Coppice)	Ancient & Semi-Natural Woodland
23	1041m SW	High Copse (Tithe Map: High Coppice)(tithe:high Coppice)	Ancient & Semi-Natural Woodland
D	1089m S	(Tithe Map: Moor Coppice)(tithe:moor Coppice)	Ancient & Semi-Natural Woodland
D	1117m S	(Tithe Map: Moor Coppice)(tithe:moor Coppice)	Ancient Replanted Woodland
D	1146m S	Moor Copse (Tithe Map: Moor Coppice)(tithe:moor Coppice)	Ancient & Semi-Natural Woodland
D	1207m S	Moor Copse (Tithe Map: Moor Coppice)(tithe:moor Coppice)	Ancient & Semi-Natural Woodland
24	1239m SE	Bob's Copse (Tithe: Bobs Coppice)	Ancient & Semi-Natural Woodland
25	1257m N	Maiden Erlegh: Oak Wood(tithe:new Pond Wood)	Ancient & Semi-Natural Woodland
26	1269m SE	Bignell's Copse(tithe:bignolds Coppice)	Ancient & Semi-Natural Woodland
27	1271m S	(Epo2:spring Copse. Tithe Map: Spring Coppice)(tithe:spring Coppice)	Ancient & Semi-Natural Woodland
E	1273m N	Maiden Erlegh: Oak Wood(tithe:new Pond Wood)	Ancient & Semi-Natural Woodland
E	1305m NW	Maiden Erlegh: Oldpond Copse(tithe:coppice Adjoining Lower Pond)	Ancient & Semi-Natural Woodland
28	1332m NW	Maiden Erlegh: Moor Copse	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
29	1340m SE	The Coombes	Ancient & Semi-Natural Woodland
E	1370m NW	Maiden Erlegh: Oldpond Copse(tithe:212=coppice Adjoining Lower Pond)	Ancient & Semi-Natural Woodland
30	1404m N	Maiden Erlegh: Oldpond Copse	Ancient & Semi-Natural Woodland
31	1468m S	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
F	1525m SE	Gully Copse	Ancient & Semi-Natural Woodland
32	1533m SE	(Tithe:little Coppice)	Ancient & Semi-Natural Woodland
33	1537m SE	Bears Copse(tithe:bears Coppice)	Ancient & Semi-Natural Woodland
34	1580m S	(Tithe Map: Coppice)	Ancient & Semi-Natural Woodland
35	1597m S	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
F	1602m SE	Gully Copse	Ancient & Semi-Natural Woodland
G	1687m S	Swallowfield Park: Great Wood(tithe:great Wood; Osd=swallowfield Place)	Ancient & Semi-Natural Woodland
36	1688m S	Long Copse (Tithe Map: The Long Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
37	1701m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
H	1753m SE	Round Hill(tithe: 363=limma Hill Plantation)	Ancient & Semi-Natural Woodland
38	1758m E	Unknown	Ancient & Semi-Natural Woodland
39	1779m S	Great Copse(tithe:mag Green Coppice)	Ancient & Semi-Natural Woodland
40	1779m S	Great Copse (Tithe Map: Horns Coppice)(tithe:hornes Coppice)	Ancient & Semi-Natural Woodland
-	1781m E	Unknown	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
-	1791m E	Unknown	Ancient & Semi-Natural Woodland
43	1803m S	(Tithe Map: Hurdle Coppice)(tithe:long Coppice Hurdle Coppice)	Ancient & Semi-Natural Woodland
I	1805m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
44	1863m S	Kiln Copse(tithe:lower Moss Coppice)	Ancient & Semi-Natural Woodland
I	1865m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
H	1896m SE	Unknown	Ancient & Semi-Natural Woodland
45	1897m N	Sandfordmill Copse(tithe:the Coppice)	Ancient & Semi-Natural Woodland
46	1902m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
47	1907m E	Unknown	Ancient & Semi-Natural Woodland
J	1907m S	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
K	1930m S	New Plantation(tithe:rapleys Shaw)	Ancient & Semi-Natural Woodland
J	1933m S	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
48	1935m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
49	1936m S	Unknown	Ancient & Semi-Natural Woodland
50	1943m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland
K	1946m S	New Plantation(tithe:rapleys Shaw)	Ancient & Semi-Natural Woodland
K	1961m S	New Plantation(tithe:rapleys Shaw)	Ancient Replanted Woodland
51	1970m NW	Southland Wood(tithe:park Coppice)	Ancient & Semi-Natural Woodland
52	1979m SE	Kidgem Copse (Tithe:kitchem Coppice)(tithe:kitchen Coppice)(osd=kidghans (?) Coppice)	Ancient & Semi-Natural Woodland



ID	Location	Name	Woodland Type
53	1980m S	Robinhood Copse (Tithe Map: Robin Hood's Coppice)(tithe:robin Wood Coppice)	Ancient & Semi-Natural Woodland
K	1985m S	New Plantation(tithe:rapleys Shaw)	Ancient Replanted Woodland
J	1985m S	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland
-	1996m S	Castle Copse (Tithe Map: Castle Coppice)	Ancient & Semi-Natural Woodland

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

10.8 Biosphere Reserves

Records within 2000m

0

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

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

10.9 Forest Parks

Records within 2000m

0

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

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m

0

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

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

10.11 Green Belt

Records within 2000m

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

4

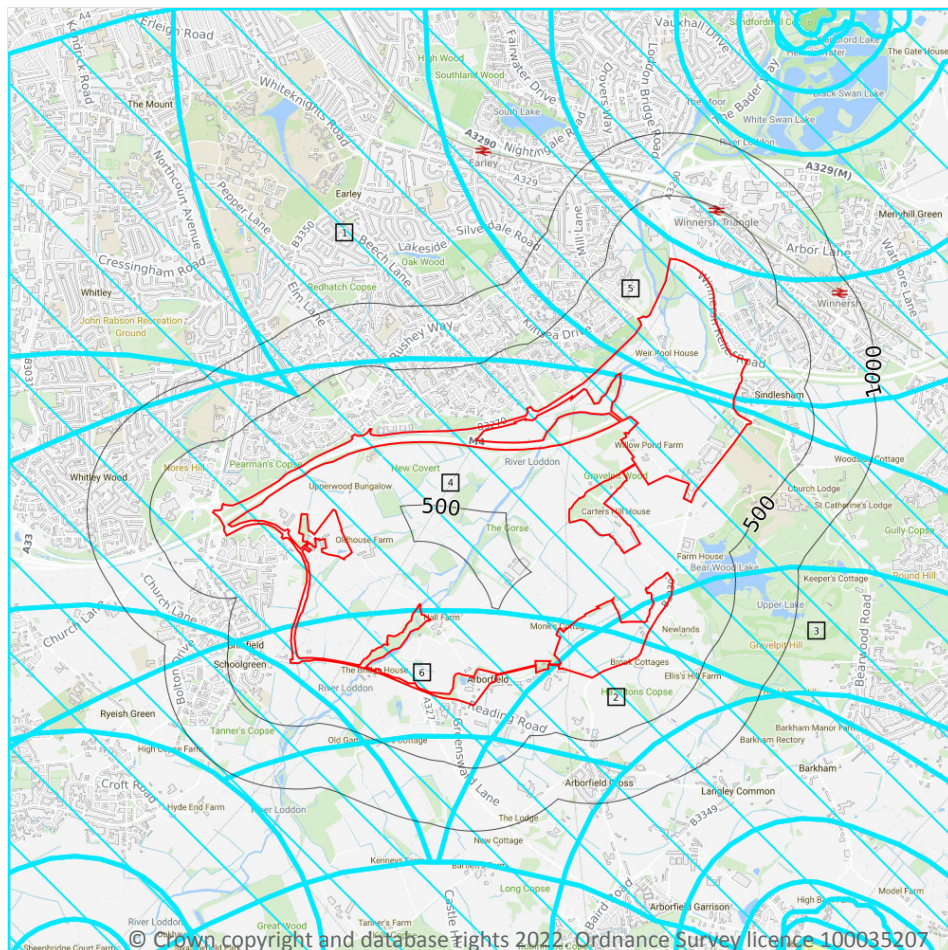
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	Barkham Brook NVZ	Surface Water	449	Existing
On site	Foudry Brook (West End Brook to M4) NVZ	Surface Water	459	Existing
550m E	Emm Brook NVZ	Surface Water	460	Existing
1652m SE	Barkham Brook NVZ	Surface Water	449	Existing

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



SSSI Impact Zones and Units



- Site Outline
- Search buffers in metres (m)
- SSSI Impact Risk Zones
- SSSI Units
- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

10.17 SSSI Impact Risk Zones

Records on site

6

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 172**

ID	Location	Type of developments requiring consultation
1	On site	Infrastructure - Airports, helipads and other aviation proposals. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
2	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Residential - Any residential developments with a total net gain in residential units. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
3	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
4	On site	Infrastructure - Airports, helipads and other aviation proposals. Residential - Residential development of 50 units or more. Rural residential - Any residential development of 50 or more houses outside existing settlements/urban areas. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.
5	On site	Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, review of minerals permissions (romp), extensions, variations to conditions etc. oil & gas exploration/extraction. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.



ID	Location	Type of developments requiring consultation
6	On site	Infrastructure - Airports, helipads and other aviation proposals. Residential - Any residential developments with a total net gain in residential units. Rural residential - Any residential developments outside of existing settlements/urban areas with a total net gain in residential units. Air pollution - Any industrial/agricultural development that could cause air pollution (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t). Combustion - General combustion processes >50mw energy input. incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.

This data is sourced from Natural England.

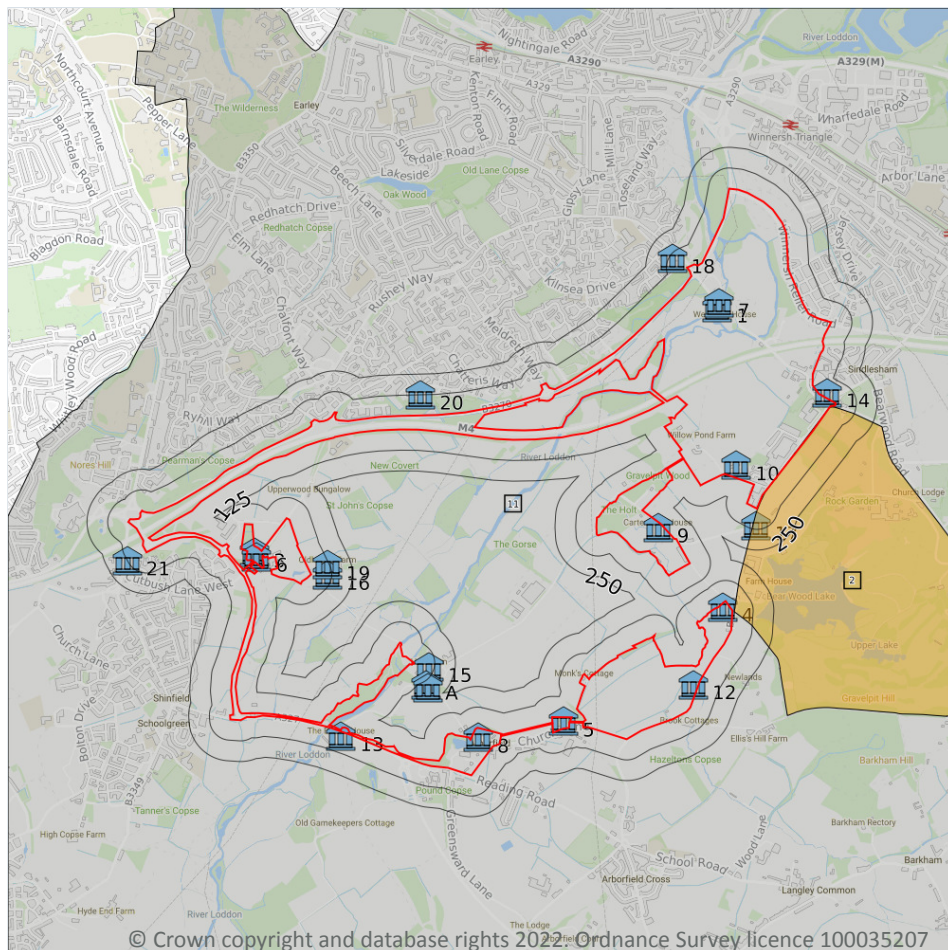
10.18 SSSI Units

Records within 2000m	0
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Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

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

11 Visual and cultural designations



- Site Outline
- Search buffers in metres (m)
- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

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

21

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 175**

ID	Location	Name	Grade	Reference Number	Listed date
1	On site	Bridge At Sindlesham Mill, Earley, Wokingham, RG41	II	1118107	29/04/1987
3	On site	Cutbush, Shinfield, Wokingham, RG2	II	1118135	29/04/1987
4	On site	The Glen, Arborfield And Newland, Wokingham, RG2	II	1118161	20/10/1983
5	On site	Church Of St Bartholomew, Arborfield And Newland, Wokingham, RG2	II	1135983	26/01/1967
6	On site	Barn Adjoining Cutbush, Shinfield, Wokingham, RG2	II	1136129	29/04/1987



ID	Location	Name	Grade	Reference Number	Listed date
7	On site	Sindlesham Mill, Earley, Wokingham, RG41	II	1136288	29/04/1987
8	On site	The Old Rectory The Old Rectory Close, Arborfield And Newland, Wokingham, THE OLD RECTORY	II	1319096	29/04/1987
9	On site	Carter's Hill House, Arborfield And Newland, Wokingham, RG2	II	1319098	26/12/1967
10	On site	Oak Cottage, Winnersh, Wokingham, RG41	II	1319149	29/04/1987
12	On site	Mole Bridge Farmhouse, Arborfield And Newland, Wokingham, RG2	II	1118121	29/04/1987
13	25m S	Bridge House, Arborfield And Newland, Wokingham, RG2	II	1118159	29/04/1987
14	31m NE	Berkshire Masonic Centre, Winnersh, Wokingham, RG41	II	1136256	26/01/1967
15	93m E	Hall Place Farmhouse At Ngr Su 7499 6819, Arborfield And Newland, Wokingham, RG2	II	1135961	29/04/1987
16	97m E	Barn Approximately 50 Metres South Of Oldhouse Farmhouse, Shinfield, Wokingham, RG2	II	1136136	29/04/1987
17	103m S	Park Lodge, Arborfield And Newland, Wokingham, RG41	II	1118163	29/04/1987
18	108m NW	Sindlesham Farmhouse, Earley, Wokingham, RG41	II	1136295	26/01/1967
19	113m NE	Oldhouse Farmhouse, Shinfield, Wokingham, RG2	II	1118136	29/04/1987
20	128m N	Rushy Mead, Earley, Wokingham, RG6	II	1319121	14/08/1975
21	128m SW	Lane End Farmhouse, Shinfield, Wokingham, RG2	II	1136186	29/04/1987
A	149m SE	Simonds Family Tomb 4 Metres North Of Old Church, Arborfield And Newland, Wokingham, RG2	II	1319095	29/04/1987
A	167m SE	Remains Of Old Church At Ngr Su 7495 6802, Arborfield And Newland, Wokingham, RG2	II	1313014	26/01/1967

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

11.5 Conservation Areas

Records within 250m

1

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



Features are displayed on the Visual and cultural designations map on **page 175**

ID	Location	Name	District	Date of designation
11	On site	The Local Authority for this area have not supplied conservation area data.		-

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

11.6 Scheduled Ancient Monuments

Records within 250m	1
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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.

Features are displayed on the Visual and cultural designations map on **page 175**

ID	Location	Ancient monument name	Reference number
A	156m SE	Site of St Bartholomew's Church	1006975

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

11.7 Registered Parks and Gardens

Records within 250m	1
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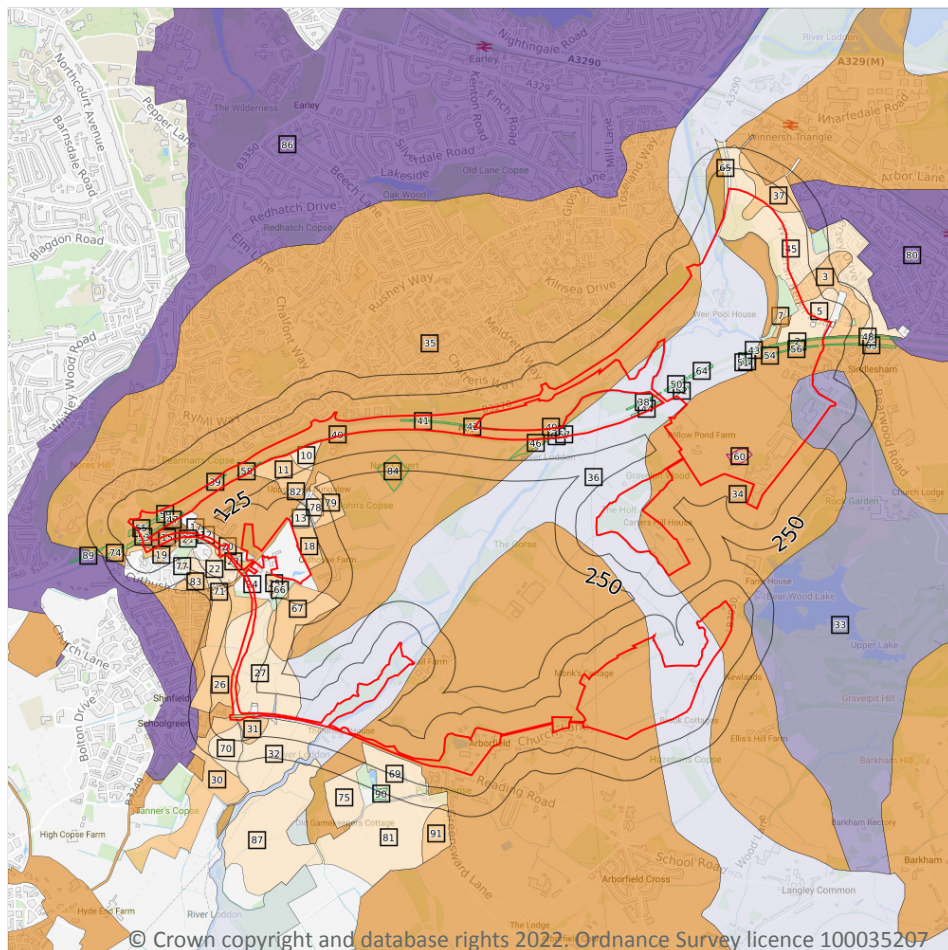
Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

Features are displayed on the Visual and cultural designations map on **page 175**

ID	Location	Name	Grade
2	On site	Bearwood College	II*

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

12 Agricultural designations



- Site Outline
- Search buffers in metres (m)
- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m

45

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 179**

ID	Location	Classification	Description
3	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.



ID	Location	Classification	Description
5	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
7	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
10	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
11	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
12	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
13	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
15	On site	Grade 2	Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.
17	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
18	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
19	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
20	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.



ID	Location	Classification	Description
21	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
22	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
23	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
24	On site	Not Surveyed	-
25	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
26	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
27	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
30	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
31	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
32	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
33	On site	Non Agricultural	-
34	On site	Grade 3	Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.

ID	Location	Classification	Description
35	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.
36	On site	Grade 4	Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.
37	On site	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
45	On site	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
65	1m W	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
66	1m S	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
67	10m S	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
69	14m SW	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
70	19m S	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
71	101m W	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
75	115m SW	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
77	119m S	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.



ID	Location	Classification	Description
78	134m E	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
79	135m E	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
80	136m E	Urban	-
81	137m S	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
82	146m N	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
83	150m SW	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.
86	159m SW	Urban	-
87	203m S	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.
91	214m S	Grade 3a	Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m

1

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

Features are displayed on the Agricultural designations map on **page 179**



ID	Location	Name	Classification	Other relevant legislation
60	On site	Land adjoining Gipsy Lane, Winnersh	Section 4 Conclusive Registered Common Land	-

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

12.3 Tree Felling Licences

Records within 250m	30
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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.

Features are displayed on the Agricultural designations map on **page 179**

ID	Location	Description	Reference	Application date
2	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
38	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
39	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
40	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
41	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
42	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
43	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
44	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
46	On site	Clear Fell (Conditional)	016/125/95-96	01/01/1970
47	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
48	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
49	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
50	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
51	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
52	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
53	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
54	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-



ID	Location	Description	Reference	Application date
55	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
56	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
57	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
58	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
59	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
61	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
62	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
63	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
64	On site	Selective Fell/Thin (Unconditional)	018/366/15-16	-
74	114m W	Selective Fell/Thin (Unconditional)	018/366/15-16	-
84	152m S	Selective Fell/Thin (Conditional)	016/72/96-97	01/01/1970
89	204m SW	Selective Fell/Thin (Unconditional)	018/366/15-16	-
90	212m S	Selective Fell/Thin (Unconditional)	019/39/04-05	04/06/2004

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m

4

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.

Location	Reference	Scheme	Start Date	End date
On site	AG00373849	Higher Level Stewardship	01/06/2011	31/05/2021
13m SW	AG00471870	Entry Level plus Higher Level Stewardship	01/12/2013	30/11/2023
30m W	AG00373849	Higher Level Stewardship	01/06/2011	31/05/2021
185m SW	AG00471870	Entry Level plus Higher Level Stewardship	01/12/2013	30/11/2023

This data is sourced from Natural England.



12.5 Countryside Stewardship Schemes

Records within 250m

17

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

Location	Reference	Scheme	Start Date	End Date
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
On site	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
6m SE	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
41m SW	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
59m SW	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

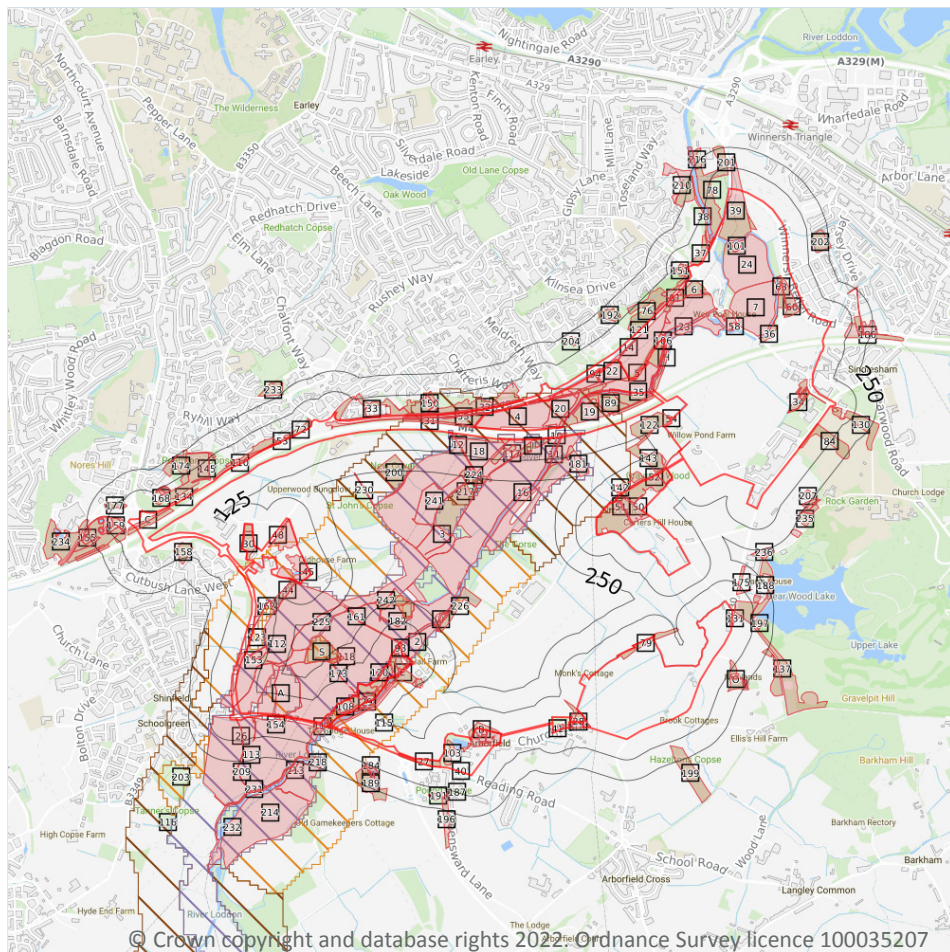


Location	Reference	Scheme	Start Date	End Date
85m W	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022
235m SW	555187	Countryside Stewardship (Middle Tier)	01/01/2018	31/12/2022

This data is sourced from Natural England.



13 Habitat designations



- Site Outline
- Search buffers in metres (m)
- Priority Habitat Inventory
- Open Mosaic Habitat
- Limestone Pavement Orders
- Habitat Networks
- Primary Habitat
- Restorable Habitat
- Associated Habitats
- Habitat Restoration-Creation
- Network Enhancement Zone 1
- Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m

271

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

Features are displayed on the Habitat designations map on **page 188**

ID	Location	Main Habitat	Other habitats
1	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
2	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
3	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
4	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)



ID	Location	Main Habitat	Other habitats
5	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
6	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
7	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
8	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
9	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
10	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
11	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
12	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
13	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
14	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
15	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
16	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
17	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
18	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
19	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
20	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
21	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
22	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
23	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
24	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
25	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%); Additional: DWOOD (INV 50%)
26	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
27	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
28	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
29	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
30	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
31	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
32	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
33	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
34	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
35	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
36	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
37	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
38	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
39	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
40	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
41	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
42	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
43	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
44	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
45	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
46	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
47	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
48	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
49	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
50	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
51	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
52	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
53	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
54	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
55	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
56	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
57	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
58	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
59	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
60	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
61	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
62	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
63	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
64	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
65	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
66	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	On site	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
C	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
67	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
C	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
D	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
68	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
D	On site	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
E	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
69	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
E	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
70	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
F	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
F	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
G	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
71	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
H	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
72	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
H	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
73	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
I	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
74	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
J	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
J	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
J	On site	Lowland fens	Main habitat: LFENS (INV > 50%); DWOOD (INV > 50%)
75	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
K	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
K	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
76	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
L	On site	Lowland fens	Main habitat: LFENS (INV > 50%)
L	On site	Lowland fens	Main habitat: LFENS (INV > 50%); DWOOD (INV > 50%)
77	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
78	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
79	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
80	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
81	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
82	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
83	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
84	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
85	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
86	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
87	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
88	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
89	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
90	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
91	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
92	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
93	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
94	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
95	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
96	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
97	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
98	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
99	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
100	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
101	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
102	On site	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%); LMEAD (FEP + HLS)
103	On site	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
104	On site	Good quality semi-improved grassland	Main habitat: CFPGM (INV > 50%); LMEAD (FEP + HLS)
105	On site	Good quality semi-improved grassland	Main habitat: CFPGM (INV > 50%); LMEAD (FEP + HLS)
106	On site	Good quality semi-improved grassland	Main habitat: CFPGM (INV > 50%); LMEAD (FEP + HLS)
107	On site	Good quality semi-improved grassland	Main habitat: CFPGM (INV > 50%); LMEAD (FEP + HLS)
108	On site	Lowland fens	Main habitat: LFENS (INV > 50%)
109	On site	Lowland fens	Main habitat: LFENS (INV > 50%)
110	On site	No main habitat but additional habitats present	Additional: DWOOD (INV 50%)
111	On site	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
112	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
113	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
119	On site	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
120	0m NW	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
121	1m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
122	2m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
124	2m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
125	2m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
126	3m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)



ID	Location	Main Habitat	Other habitats
127	4m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
128	4m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
129	5m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
130	6m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
131	7m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
132	8m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
133	8m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
134	8m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
135	9m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
136	10m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
137	11m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
138	13m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
139	13m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
140	14m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
141	15m SE	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
142	15m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
143	16m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
144	16m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
145	17m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
146	17m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
147	17m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
148	17m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
149	18m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%); Additional: LFENS (INV 50%)
150	21m N	No main habitat but additional habitats present	Main habitat: DWOOD (INV > 50%)
151	24m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
152	25m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
M	26m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
153	27m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)



ID	Location	Main Habitat	Other habitats
154	27m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
155	29m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
156	29m S	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
157	29m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
158	30m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
159	31m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
160	32m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
M	34m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
161	34m NW	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
163	39m SE	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
166	45m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
167	49m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
168	53m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
169	58m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
170	61m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
171	63m SW	Good quality semi-improved grassland	Main habitat: LMEAD (FEP + HLS); Additional: DWOOD (INV 50%)
172	63m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
173	67m W	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
174	76m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
175	76m NE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
176	77m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
177	78m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
N	79m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
N	82m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
O	87m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
178	87m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
179	91m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
180	92m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)



ID	Location	Main Habitat	Other habitats
181	93m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
182	95m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
183	97m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
184	103m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
185	106m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
186	107m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
187	118m S	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
188	121m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
189	130m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
190	135m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
191	136m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
192	137m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
193	138m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
194	140m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
195	142m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
196	142m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
197	142m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
198	147m W	Good quality semi-improved grassland	Main habitat: LMEAD (FEP + HLS)
199	147m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
200	150m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
P	153m N	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
201	153m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
Q	153m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
O	154m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
Q	154m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
R	154m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
Q	158m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
202	160m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)



ID	Location	Main Habitat	Other habitats
R	161m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
204	168m NW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
S	178m NW	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
T	178m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
205	178m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
206	181m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
Q	184m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
T	185m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
207	190m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
208	190m S	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
209	190m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
210	192m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
211	192m NW	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
212	195m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
213	197m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
214	199m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%, FEP + HLS)
215	201m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
216	215m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
218	219m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (FEP + HLS)
219	223m NW	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
220	224m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
U	225m NE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
221	226m SE	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
U	227m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
222	227m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
223	227m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
224	229m S	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
225	229m SE	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

ID	Location	Main Habitat	Other habitats
226	234m E	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
227	234m S	Deciduous woodland	Main habitat: CFPGM (INV > 50%); DWOOD (INV > 50%)
228	235m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
229	235m SW	Deciduous woodland	Main habitat: DWOOD (INV > 50%); LMEAD (FEP + HLS)
230	237m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
231	238m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
232	238m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
233	239m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
234	240m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
235	243m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
236	245m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
237	246m S	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
238	248m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
239	248m SE	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
240	248m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
241	249m S	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)
242	250m N	Coastal and floodplain grazing marsh	Main habitat: CFPGM (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m

18

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

Features are displayed on the Habitat designations map on **page 188**

ID	Location	Type	Habitat
A	On site	Network Enhancement Zone 1	Not specified
G	On site	Network Enhancement Zone 1	Not specified
J	On site	Primary Habitat	Lowland fens



ID	Location	Type	Habitat
L	On site	Primary Habitat	Lowland fens
114	On site	Network Enhancement Zone 1	Not specified
115	On site	Network Enhancement Zone 1	Not specified
116	On site	Network Enhancement Zone 2	Not specified
117	On site	Network Enhancement Zone 2	Not specified
118	On site	Restorable Habitat	Not specified
123	2m E	Network Enhancement Zone 1	Not specified
I	19m S	Network Enhancement Zone 2	Not specified
162	37m E	Restorable Habitat	Not specified
164	40m E	Network Enhancement Zone 1	Not specified
165	44m S	Network Enhancement Zone 2	Not specified
P	160m N	Network Enhancement Zone 1	Not specified
203	166m SW	Network Enhancement Zone 1	Not specified
S	189m NW	Network Enhancement Zone 1	Not specified
217	218m S	Network Enhancement Zone 2	Not specified

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m

0

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

This data is sourced from Natural England.

13.4 Limestone Pavement Orders

Records within 250m

0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave

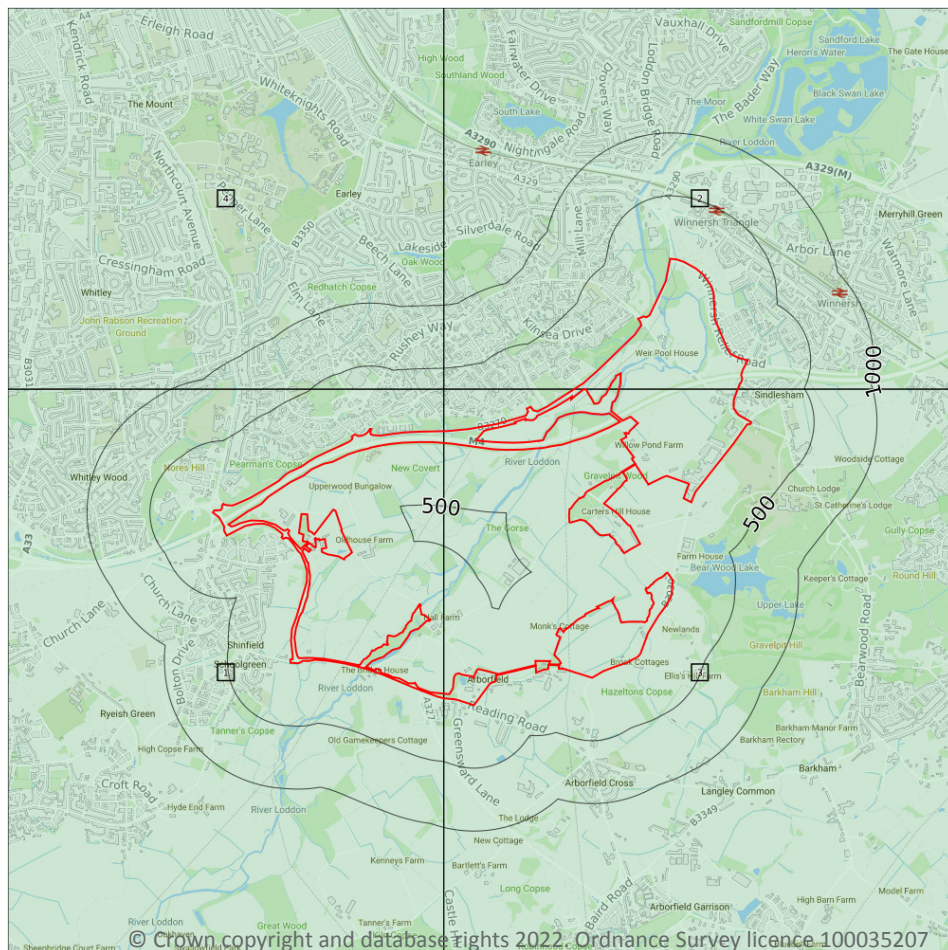


them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.



14 Geology 1:10,000 scale - Availability



— Site Outline
Search buffers in metres (m)

- Full coverage
- Partial coverage
- No coverage

14.1 10k Availability

Records within 500m

4

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 201**

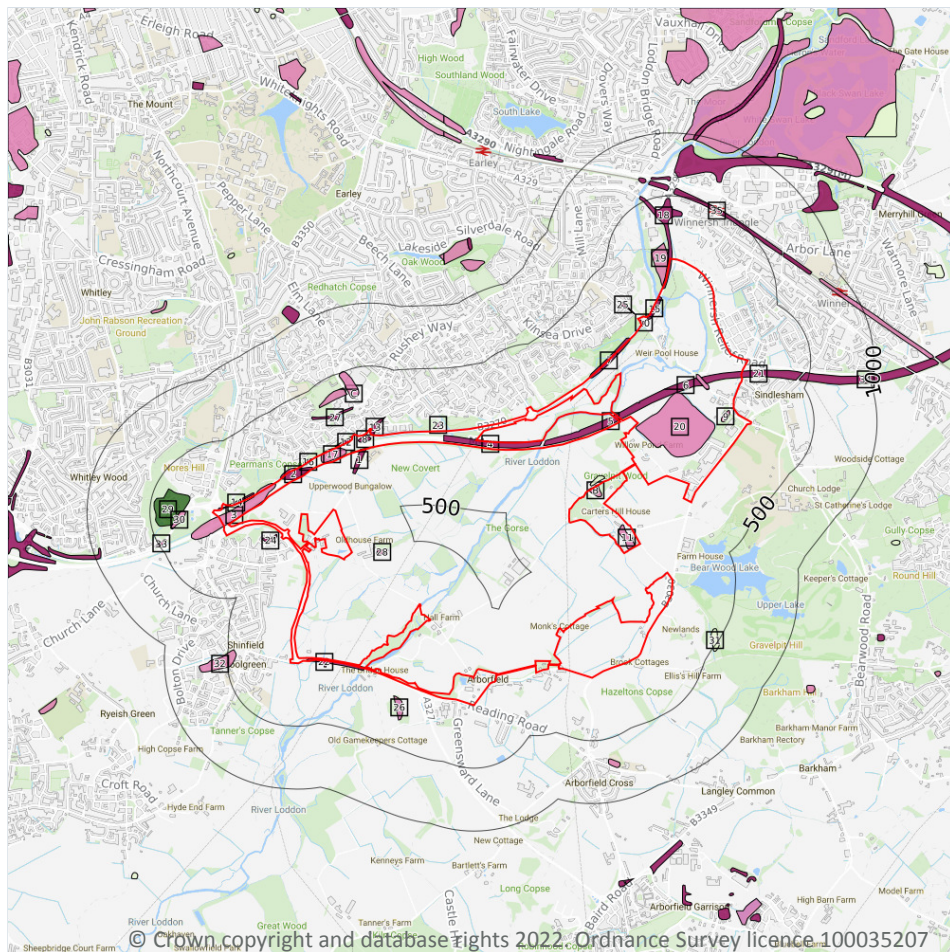
ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	SU76NW
2	On site	Full	Full	Full	No coverage	SU77SE
3	On site	Full	Full	Full	No coverage	SU76NE
4	316m N	Full	Full	Full	No coverage	SU77SW



This data is sourced from the British Geological Survey.



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



— Site Outline
Search buffers in metres (m)

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

14.2 Artificial and made ground (10k)

Records within 500m

43

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

Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 203**

ID	Location	LEX Code	Description	Rock description
1	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
2	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
3	On site	WGR-VOID	Worked Ground (Undivided)	Void
4	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit



ID	Location	LEX Code	Description	Rock description
5	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
6	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
7	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
8	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
9	On site	WGR-VOID	Worked Ground (Undivided)	Void
10	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
11	On site	WGR-VOID	Worked Ground (Undivided)	Void
12	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
13	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
14	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
15	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
16	On site	WGR-VOID	Worked Ground (Undivided)	Void
17	On site	WGR-VOID	Worked Ground (Undivided)	Void
18	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
19	On site	WGR-VOID	Worked Ground (Undivided)	Void
20	On site	WGR-VOID	Worked Ground (Undivided)	Void
21	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
22	On site	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
A	On site	WGR-VOID	Worked Ground (Undivided)	Void
A	On site	WGR-VOID	Worked Ground (Undivided)	Void
B	On site	WGR-VOID	Worked Ground (Undivided)	Void
B	19m NW	WMGR-ARTDP	Infilled Ground	Artificial Deposit
23	21m N	WGR-VOID	Worked Ground (Undivided)	Void
24	32m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
25	46m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
26	119m SW	WGR-VOID	Worked Ground (Undivided)	Void
27	186m NW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
28	197m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

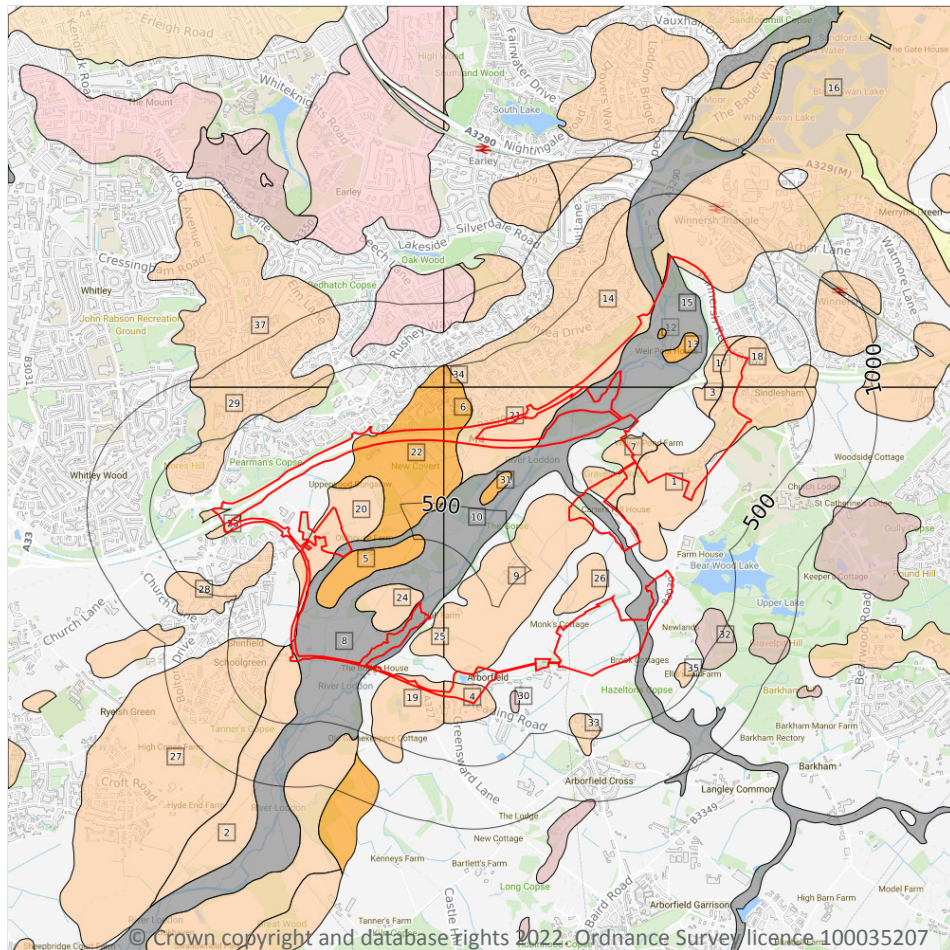


ID	Location	LEX Code	Description	Rock description
29	208m NW	LSGR-UNKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
30	217m W	WGR-VOID	Worked Ground (Undivided)	Void
C	274m NW	WGR-VOID	Worked Ground (Undivided)	Void
C	317m NW	WGR-VOID	Worked Ground (Undivided)	Void
C	330m N	WGR-VOID	Worked Ground (Undivided)	Void
C	370m N	WGR-VOID	Worked Ground (Undivided)	Void
31	419m SE	WMGR-ARTDP	Infilled Ground	Artificial Deposit
32	430m W	WGR-VOID	Worked Ground (Undivided)	Void
33	431m SW	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
34	436m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
35	469m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

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

14.3 Superficial geology (10k)

Records within 500m

37

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

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 206**

ID	Location	LEX Code	Description	Rock description
1	On site	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel
2	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
3	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
4	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel



ID	Location	LEX Code	Description	Rock description
5	On site	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
6	On site	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
7	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
8	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
9	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
10	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
11	On site	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel
12	On site	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
13	On site	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
14	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
15	On site	ALV-Z	Alluvium - Silt (unlithified Deposits Coding Scheme)	Silt
16	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
17	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
18	On site	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel
19	On site	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
20	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
21	On site	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
22	On site	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
23	On site	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel
24	3m NW	RTD2-XSV	River Terrace Deposits, 2 - Sand And Gravel	Sand And Gravel
25	35m E	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
26	36m NW	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel
27	57m W	RTD3-XSV	River Terrace Deposits, 3 - Sand And Gravel	Sand And Gravel
28	101m SW	RTD4-XSV	River Terrace Deposits, 4 - Sand And Gravel	Sand And Gravel
29	163m NW	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel
30	166m SE	HEAD-XVSZC	Head - Gravel, Sand, Silt And Clay	Gravel, Sand, Silt And Clay
31	188m S	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand



ID	Location	LEX Code	Description	Rock description
32	296m SE	HEAD-XVSZC	Head - Gravel, Sand, Silt And Clay	Gravel, Sand, Silt And Clay
33	308m S	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel
34	320m N	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
35	321m SE	RTD5-XSV	River Terrace Deposits, 5 - Sand And Gravel	Sand And Gravel
36	334m N	BRK-XCZS	Brickearth - Clay, Silt And Sand	Clay, Silt And Sand
37	416m NW	RTD6-XSV	River Terrace Deposits, 6 - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

14.4 Landslip (10k)

Records within 500m

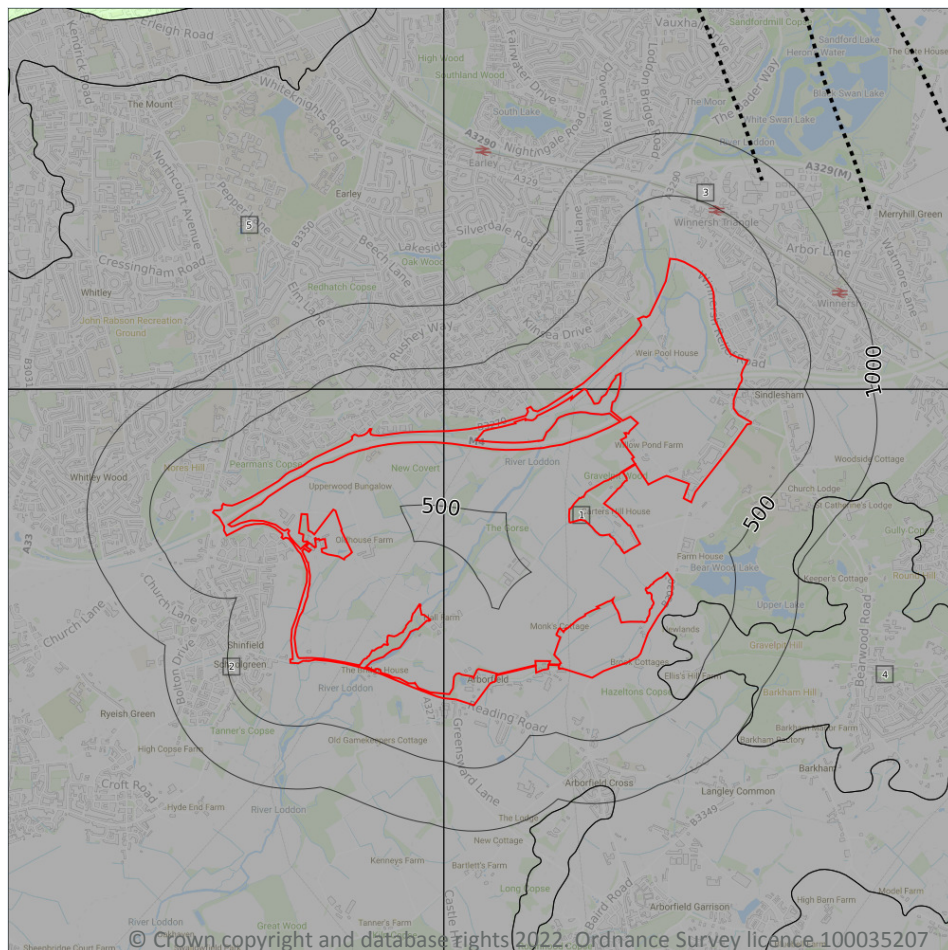
0

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

This data is sourced from the British Geological Survey.



Geology 1:10,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

.... Bedrock faults and other linear features (10k)

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

14.5 Bedrock geology (10k)

Records within 500m

5

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

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 209**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch
2	On site	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch
3	On site	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch
4	40m SE	BGS-SANDU	Bagshot Formation - Sand	Eocene Epoch



ID	Location	LEX Code	Description	Rock age
5	316m N	LC-CLSISA	London Clay Formation - Clay, Silt And Sand	Eocene Epoch

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m

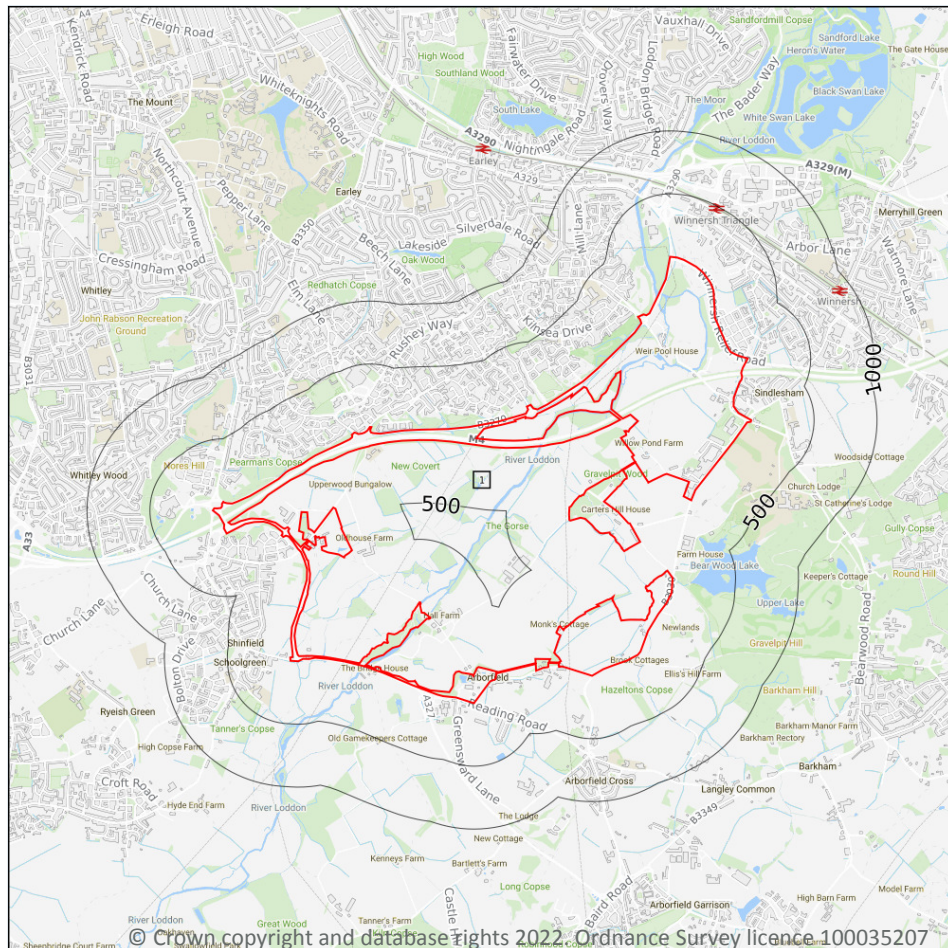
0

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

This data is sourced from the British Geological Survey.



15 Geology 1:50,000 scale - Availability



— Site Outline
Search buffers in metres (m)

☐ Geological map tile

15.1 50k Availability

Records within 500m

1

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

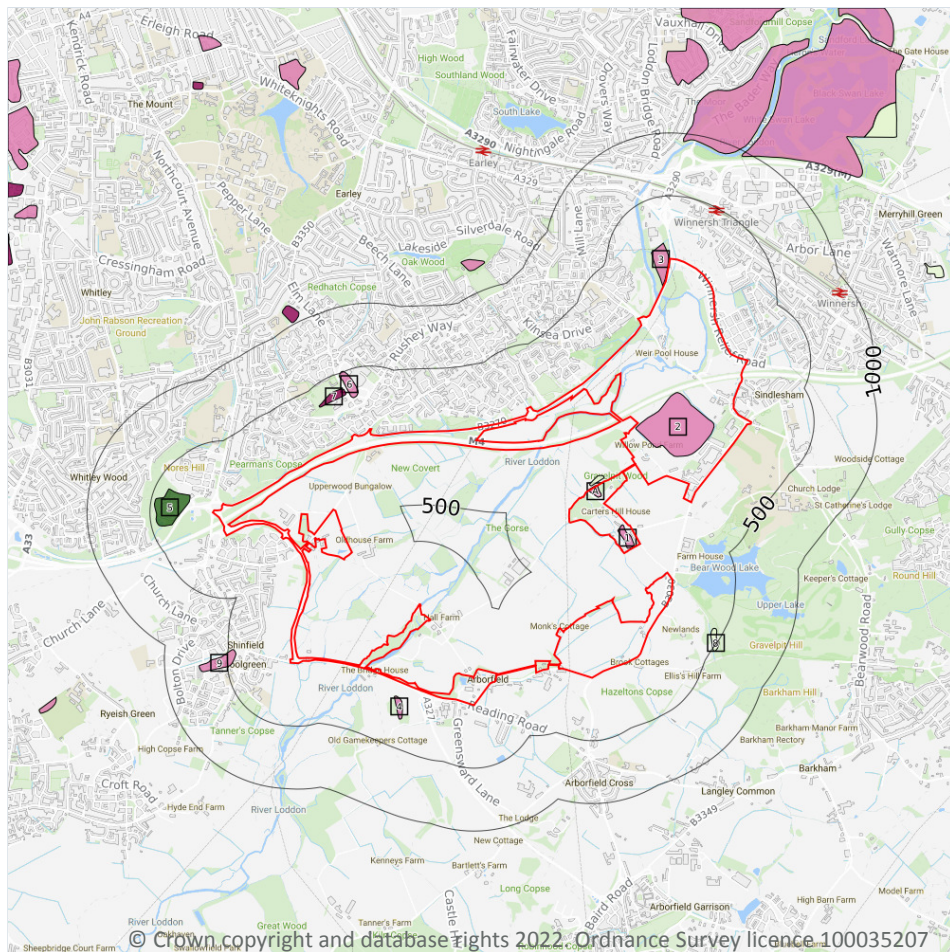
Features are displayed on the Geology 1:50,000 scale - Availability map on **page 211**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	No coverage	EW268_reading_v4

This data is sourced from the British Geological Survey.



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



- Site Outline
- Search buffers in metres (m)
- Made ground
 - Worked ground
 - Infilled ground
 - Disturbed ground
 - Landscaped ground

15.2 Artificial and made ground (50k)

Records within 500m

11

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

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 212**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
2	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
A	On site	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
3	7m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID



ID	Location	LEX Code	Description	Rock description
A	22m NW	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
4	115m SW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
5	206m NW	LSGR-ARTGR	LANDSCAPED GROUND (UNDIVIDED)	ARTIFICIALLY MODIFIED GROUND
6	280m NW	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID
7	315m NW	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
8	414m SE	WMGR-ARTDP	INFILLED GROUND	ARTIFICIAL DEPOSIT
9	433m W	WGR-VOID	WORKED GROUND (UNDIVIDED)	VOID

This data is sourced from the British Geological Survey.

15.3 Artificial ground permeability (50k)

Records within 50m

1

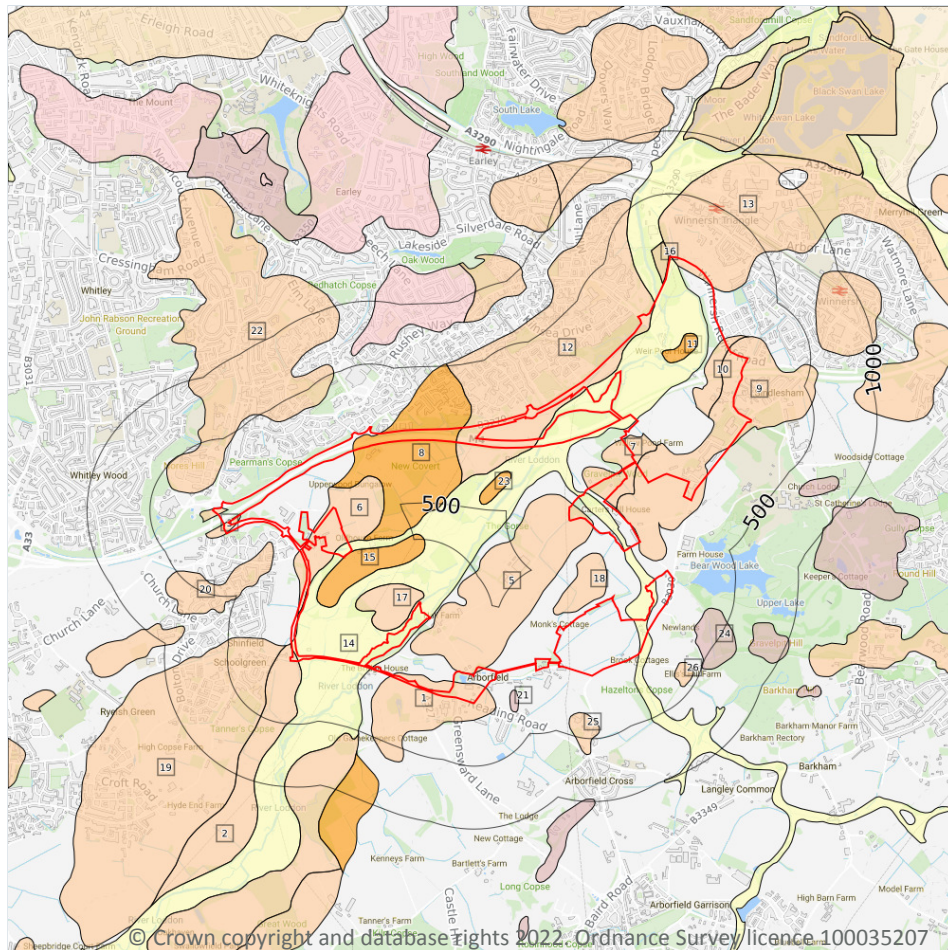
A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
22m S	Mixed	Very High	Low

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

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

15.4 Superficial geology (50k)

Records within 500m

26

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 214**

ID	Location	LEX Code	Description	Rock description
1	On site	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
2	On site	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
3	On site	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL
4	On site	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL



ID	Location	LEX Code	Description	Rock description
5	On site	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
6	On site	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
7	On site	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
8	On site	BRK-XCZS	BRICKEARTH	CLAY, SILT AND SAND
9	On site	RTD4-XSV	RIVER TERRACE DEPOSITS, 4	SAND AND GRAVEL
10	On site	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
11	On site	BRK-XCZS	BRICKEARTH	CLAY, SILT AND SAND
12	On site	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
13	On site	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
14	On site	ALV-XCZSV	ALLUVIUM	CLAY, SILT, SAND AND GRAVEL
15	On site	BRK-XCZS	BRICKEARTH	CLAY, SILT AND SAND
16	7m W	T1T2-XSV	RIVER TERRACE DEPOSITS, 1 TO 2	SAND AND GRAVEL
17	14m NW	RTD2-XSV	RIVER TERRACE DEPOSITS, 2	SAND AND GRAVEL
18	40m NW	RTD4-XSV	RIVER TERRACE DEPOSITS, 4	SAND AND GRAVEL
19	46m W	RTD3-XSV	RIVER TERRACE DEPOSITS, 3	SAND AND GRAVEL
20	99m SW	RTD4-XSV	RIVER TERRACE DEPOSITS, 4	SAND AND GRAVEL
21	161m S	HEAD-XVSZC	HEAD	GRAVEL, SAND, SILT AND CLAY
22	163m NW	RTD6-XSV	RIVER TERRACE DEPOSITS, 6	SAND AND GRAVEL
23	186m S	BRK-XCZS	BRICKEARTH	CLAY, SILT AND SAND
24	293m SE	HEAD-XVSZC	HEAD	GRAVEL, SAND, SILT AND CLAY
25	304m S	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL
26	317m SE	RTD5-XSV	RIVER TERRACE DEPOSITS, 5	SAND AND GRAVEL

This data is sourced from the British Geological Survey.



15.5 Superficial permeability (50k)

Records within 50m

27

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	Moderate	Very Low
On site	Mixed	Moderate	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	High	Very Low
On site	Intergranular	Very High	High
On site	Mixed	Moderate	Very Low
On site	Mixed	Moderate	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	High	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	High	Very Low
On site	Intergranular	Very High	High
On site	Intergranular	Very High	High
On site	Intergranular	High	Very Low
7m N	Intergranular	Very High	High
14m SW	Intergranular	Very High	High



Location	Flow type	Maximum permeability	Minimum permeability
37m SW	Intergranular	Very High	High
40m S	Intergranular	Very High	High
46m SW	Intergranular	Very High	High

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m

0

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

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m

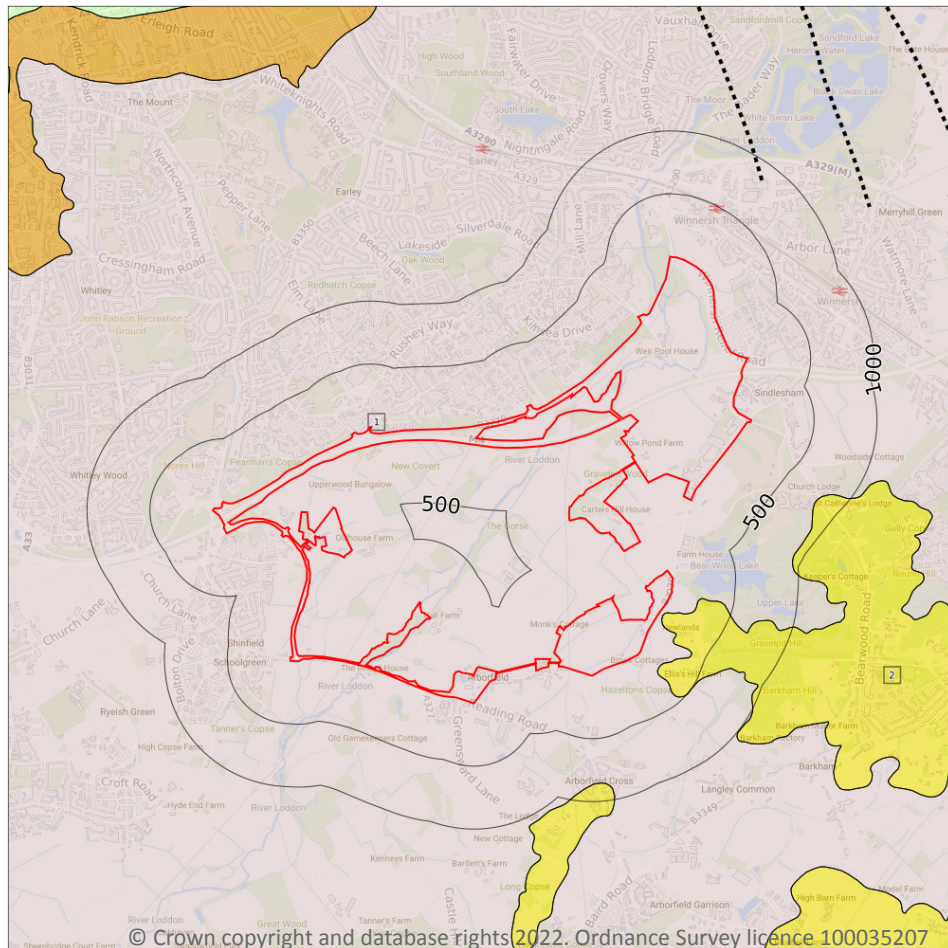
0

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

This data is sourced from the British Geological Survey.



Geology 1:50,000 scale - Bedrock



— Site Outline

Search buffers in metres (m)

---- Bedrock faults and other linear features (50k)

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

15.8 Bedrock geology (50k)

Records within 500m

2

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

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 218**

ID	Location	LEX Code	Description	Rock age
1	On site	LC-XCZS	LONDON CLAY FORMATION - CLAY, SILT AND SAND	YPRESIAN
2	35m SE	BGS-S	BAGSHOT FORMATION - SAND	YPRESIAN

This data is sourced from the British Geological Survey.



15.9 Bedrock permeability (50k)

Records within 50m

4

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	Moderate	Very Low
On site	Mixed	Moderate	Very Low
On site	Mixed	Moderate	Very Low
35m SE	Intergranular	High	High

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m

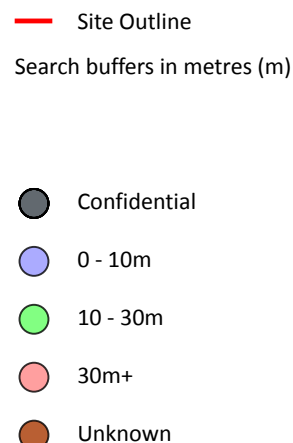
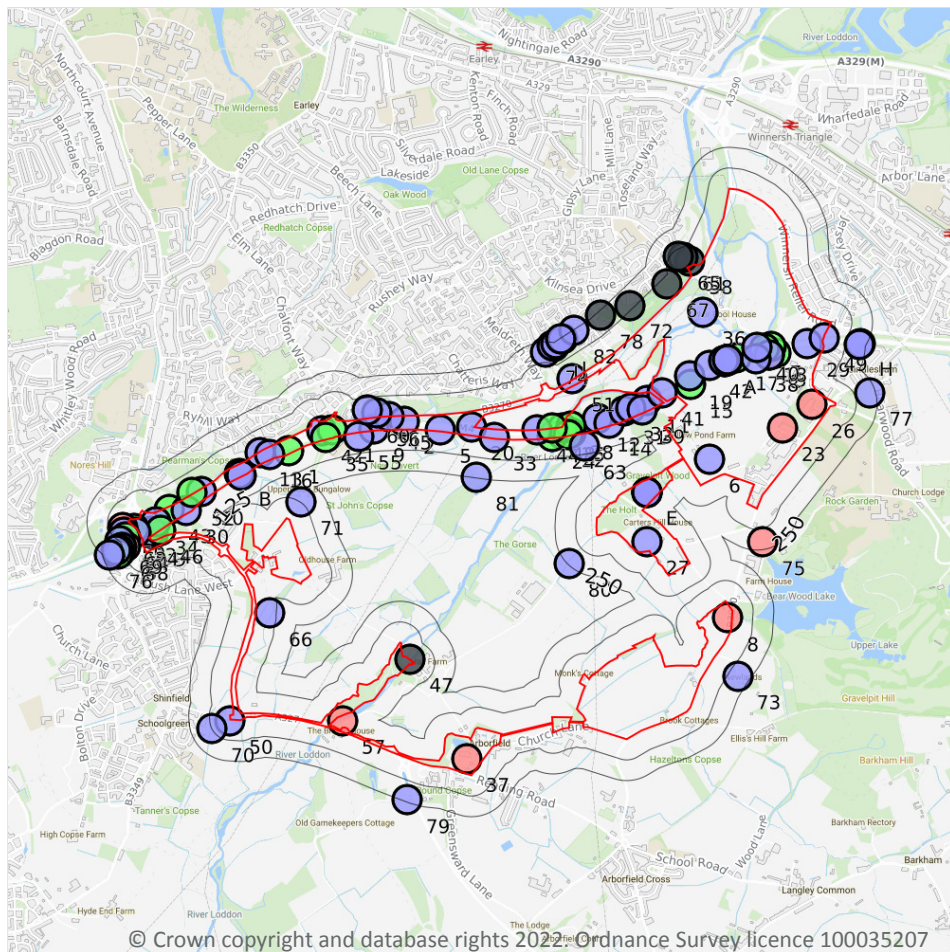
0

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

111

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 220**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	474137 169450	M4 WIDEN JCTS 8(9)-12RWS BH138	11.0	N	427188
2	On site	474833 169630	M4 WIDEN JCTS 8(9)-12RWS TP135	2.0	N	427202
3	On site	477080 170040	LONDON/SOUTH WALES M4 B4/23	21.64	N	427960



ID	Location	Grid reference	Name	Length	Confidential	Web link
4	On site	474334 169571	M4 WIDEN JCTS 8(9)-12RWS TP137	2.0	N	427204
5	On site	475053 169580	M4 WIDEN JCTS 8(9)-12RWS TP134	2.0	N	427008
6	On site	476680 169400	NEAR BETTY GROVE ARBORFIELD AND NEWLAND	2.9	N	426975
7	On site	477050 170080	LONDON/SOUTH WALES M4 B4/24	21.64	N	427961
8	On site	476790 168440	THE MOLE ARBORFIELD	59.43	N	426977
9	On site	474651 169584	M4 WIDEN JCTS 8(9)-12RWS TP136	2.0	N	427203
10	On site	473604 169204	M4 WIDEN JCTS 8(9)-12RWS TP142	2.0	N	427206
11	On site	476302 169756	M4 WIDEN JCTS 8(9)-12RWS BH125	5.0	N	426996
12	On site	476004 169644	M4 WIDEN JCTS 8(9)-12RWS TP129	2.0	N	427004
13	On site	473960 169438	M4 WIDEN JCTS 8(9)-12RWS TP139	2.0	N	427205
14	On site	476072 169619	M4 WIDEN JCTS 8(9)-12RWS BH128	10.0	N	426998
15	On site	476564 169851	M4 WIDEN JCTS 8(9)-12RWS BH123	18.0	N	426994
16	On site	474020 169430	LONDON/SOUTH WALES M4 R3/5	2.43	N	427121
17	On site	476840 170014	M4 WIDEN JCTS 8(9)-12RWS BH120	13.0	N	428063
18	On site	477010 170070	LONDON/SOUTH WALES M4 B4/22	21.64	N	427959
19	On site	476560 169903	M4 WIDEN JCTS 8(9)-12RWS TP122	2.0	N	427002
20	On site	475240 169596	M4 WIDEN JCTS 8(9)-12RWS TP133	2.0	N	427007
21	On site	474400 169580	LONDON/SOUTH WALES M4 B3/22	18.28	N	427123
22	On site	475790 169550	LONDON/SOUTH WALES M4 B4/13	30.48	N	426965
23	On site	477120 169590	NIRVANA SPA BH2	134.0	N	427107
24	On site	475730 169540	LONDON/SOUTH WALES M4 B4/11	21.33	N	426963
25	On site	475790 169590	LONDON/SOUTH WALES M4/14	21.79	N	426966
26	On site	477300 169730	NIRVANA SPA BH1	135.0	N	427106
27	On site	476300 168900	CARTERS HILL FARM NEWLAND BERKS	9.14	N	426956
28	On site	475840 169600	LONDON/SOUTH WALES M4 B4/16	21.33	N	426968
29	On site	477270 170100	LONDON/SOUTH WALES M4 R4/3	3.35	N	427962
30	On site	473514 169091	M4 WIDEN JCTS 8(9)-12RWS TP143	2.0	N	427207
31	On site	476161 169690	M4 WIDEN JCTS 8(9)-12RWS BH127	8.0	N	426997



ID	Location	Grid reference	Name	Length	Confidential	Web link
32	On site	476204 169712	M4 WIDEN JCTS 8(9)-12RWS BH221	6.0	N	427000
33	On site	475376 169534	M4 WIDEN JCTS 8(9)-12RWS TT132	2.0	N	427006
34	On site	473331 169024	M4 WIDEN JCTS 8(9)-12RWS TP145	2.0	N	427208
35	On site	474360 169530	LONDON/SOUTH WALES M4 B3/21	27.43	N	427122
36	On site	476640 170290	SINDLESHAM MILL WEST OF WINNERSH	4.6	N	428002
37	On site	475210 167590	ARBORFIELD NEAR READING	99.06	N	426980
38	On site	476960 170010	M4 WIDEN JCTS 8(9)-12RWS TP119	2.0	N	428072
39	On site	476271 169696	M4 WIDEN JCTS 8(9)-12RWS TP126	2.0	N	427003
40	On site	476964 170076	M4 WIDEN JCTS 8(9)-12RWS BH118	10.0	N	428062
41	On site	476392 169800	M4 WIDEN JCTS 8(9)-12RWS BH124	9.0	N	426995
42	On site	476682 169967	M4 WIDEN JCTS 8(9)-12RWS TP121	2.0	N	427001
43	On site	473412 169094	M4 WIDEN JCTS 8(9)-12RWS BH144	15.0	N	427191
A	On site	476769 169992	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ2	3.7	N	18951289
A	On site	476788 169995	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ4	5.0	N	18951291
A	On site	476784 170004	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ6	2.2	N	18951293
A	On site	476770 169988	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ1	1.5	N	18951287
A	On site	476766 169997	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ3	2.7	N	18951290
A	On site	476787 169999	M4 J10-15 CLASS 1 EARTHWORK DEFECTS WSQ5	5.0	N	18951292
B	On site	473838 169316	M4 WIDEN JCTS 8(9)-12RWS BH140	5.0	N	427189
B	On site	473848 169304	M4 WIDEN JCTS 8(9)-12RWS BH141	7.0	N	427190
C	On site	477040 170030	LONDON/SOUTH WALES M4 B4/21	30.78	N	427958
C	On site	477039 170029	M4 WIDEN JCTS 8(9)-12RWS BH117	10.0	N	428061
D	On site	473313 168948	M4 WIDEN JCTS 8(9)-12RWS BH146	15.0	N	427192
D	On site	473304 168966	M4 WIDEN JCTS 8(9)-12RWS BH207	7.0	N	427200
E	On site	476300 169200	SPRING COPSE CARTERS HILL	-2.0	N	427105
E	On site	476300 169200	SPRING COPSE CARTERS HILL	-2.0	N	427103
E	On site	476300 169200	SPRING COPSE CARTERS HILL	-2.0	N	427104
F	On site	475840 169560	LONDON/SOUTH WALES M4 B4/15	21.33	N	426967



ID	Location	Grid reference	Name	Length	Confidential	Web link
F	On site	475827 169550	M4 WIDEN JCTS 8(9)-12RWS BH130	20.0	N	426999
44	1m N	475635 169578	M4 WIDEN JCTS 8(9)-12RWS TP131	2.0	N	427005
45	1m N	474740 169660	CUTBUSH CLOSE LOWER EARLEY TP3	2.0	N	15043728
46	2m SE	473360 168970	LONDON/SOUTH WALES M4 R3/2	10.66	N	427119
47	3m NE	474870 168190	ARBORFIELD MILL ARBORFIELD	-	Y	N/A
48	3m N	475730 169590	LONDON/SOUTH WALES M4 B4/12	21.64	N	426964
49	5m E	477375 170135	M4 WIDEN JCTS 8(9)-12RWS TP116	2.0	N	428071
50	7m S	473780 167820	NEAR PARROT FARM SHINFIELD	3.0	N	427134
51	8m NW	475850 169890	MARSH FARM WOODLEY AND SANDFORD	5.0	N	426970
52	10m NW	473550 169200	LONDON/SOUTH WALES M4 R3/3	10.66	N	427120
53	12m SW	473198 168979	M4 WIDEN JCTS 8(9)-12RWS BH147	15.0	N	427193
54	15m SW	473211 168957	M4 WIDEN JCTS 8(9)-12RWS BH208	7.0	N	427201
55	22m S	474560 169540	NEAR UPPERWOOD FARM EARLEY	6.9	N	427140
56	26m N	474670 169680	CUTBUSH CLOSE LOWER EARLEY TP2	2.3	N	15043727
57	29m SE	474460 167820	ARBORFIELD BRIDGE	97.0	N	427164
58	31m NW	476560 170600	LOWER EARLY STAGE 1 7	-	Y	N/A
59	47m SW	473130 168990	THE GROVE SHINFIELD	56.08	N	427143
60	53m N	474610 169700	CUTBUSH CLOSE LOWER EARLEY TP1	2.3	N	15043726
61	65m NW	476520 170620	LOWER EARLY STAGE 1 TP 12	-	Y	N/A
62	66m SW	473139 168957	M4 WIDEN JCTS 8(9)-12RWS TP148	2.0	N	427209
63	76m S	475920 169480	NEAR CARTERS HILL ARBORFIELD AND NEWLND	3.5	N	426972
64	81m SW	473150 168930	LONDON/SOUTH WALES M4 B3/12	27.43	N	427118
65	85m NW	476490 170625	LOWER EARLY STAGE 1 6	-	Y	N/A
66	86m E	474020 168470	NEAR OLDHOUSE FARM SHINFIELD	5.3	N	427137
67	87m NW	476420 170460	LOWER EARLY STAGE 1 8	-	Y	N/A
68	103m W	473150 168870	LONDON/SOUTH WALES M4 B3/11	36.57	N	427117
69	120m SW	473115 168908	M4 WIDEN JCTS 8(9)-12RWS TP149	2.0	N	427210
70	125m SW	473670 167770	NEAR SCHOOLGREEN SHINFIELD	2.5	N	427133

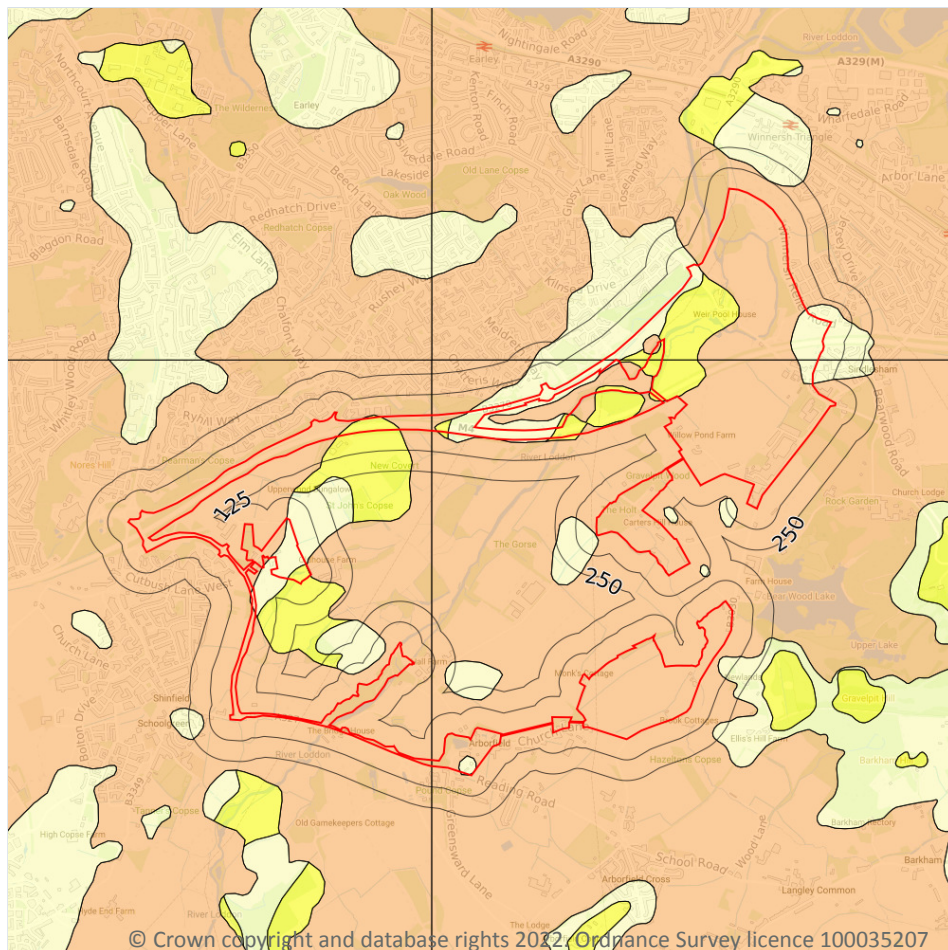


ID	Location	Grid reference	Name	Length	Confidential	Web link
71	127m NE	474210 169140	NEAR SHINFIELD GRANGE SHINFIELD	7.7	N	427136
G	128m W	473125 168867	M4 WIDEN JCTS 8(9)-12RWS TP150	2.0	N	427211
G	143m W	473115 168840	M4 WIDEN JCTS 8(9)-12RWS TP151	4.0	N	427212
G	146m W	473108 168856	M4 WIDEN JCTS 8(9)-12RWS BH152	15.0	N	427194
72	147m NW	476200 170330	LOWER EARLY STAGE 1 9	-	Y	N/A
G	161m W	473100 168828	M4 WIDEN JCTS 8(9)-12RWS BH154	13.0	N	427196
G	165m W	473091 168848	M4 WIDEN JCTS 8(9)-12RWS BH153	5.0	N	427195
73	180m SE	476850 168090	NEWLANDS ARBORFIELD	-2.0	N	427100
74	190m N	475690 170050	MARSH FARM - LOWER EARLEY TP 7	2.9	N	13469440
75	204m S	477000 168900	BEARWOOD PARK SINDLESHAM	135.0	N	20712686
76	208m W	473053 168820	M4 WIDEN JCTS 8(9)-12RWS TP155	4.0	N	427213
H	213m SE	477589 170101	M4 WIDEN JCTS 8(9)-12RWS BH114	8.0	N	428060
H	214m SE	477586 170093	M4 WIDEN JCTS 8(9)-12RWS TP115	1.0	N	428070
77	217m E	477650 169800	NEAR SINDLESHAM HOUSE WINNERSH	3.5	N	426973
78	226m NW	476020 170270	LOWER EARLY STAGE 1 10	-	Y	N/A
I	226m N	475740 170080	MARSH FARM - LOWER EARLEY TP 12	1.9	N	13469445
I	234m N	475730 170090	MARSH FARM - LOWER EARLEY TP 11	1.7	N	13469444
79	238m S	474850 167340	NEAR NEW FARM ARBORFIELD AND NEWLAND	3.8	N	427139
I	239m NW	475750 170100	MARSH FARM - LOWER EARLEY TP 13	1.7	N	13469446
80	242m SW	475830 168770	BARRETTS LANE ARBORFIELD AND NEWLAND	5.2	N	426971
J	242m NW	475790 170130	MARSH FARM - LOWER EARLEY TP 15	3.4	N	13469448
81	247m S	475270 169290	SOUTH OF LOWER EARLEY FARM EARLEY	2.6	N	426976
82	247m NW	475860 170180	MARSH FARM - LOWER EARLEY TP 5	3.6	N	13469438
J	248m NW	475780 170130	MARSH FARM - LOWER EARLEY TP 6	3.8	N	13469439

This data is sourced from the British Geological Survey.



17 Natural ground subsidence - Shrink swell clays



- Site Outline**
- Search buffers in metres (m)**
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.1 Shrink swell clays

Records within 50m

6

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 225**

Location	Hazard rating	Details
On site	Negligible	Ground conditions predominantly non-plastic.
On site	Very low	Ground conditions predominantly low plasticity.
On site	Low	Ground conditions predominantly medium plasticity.

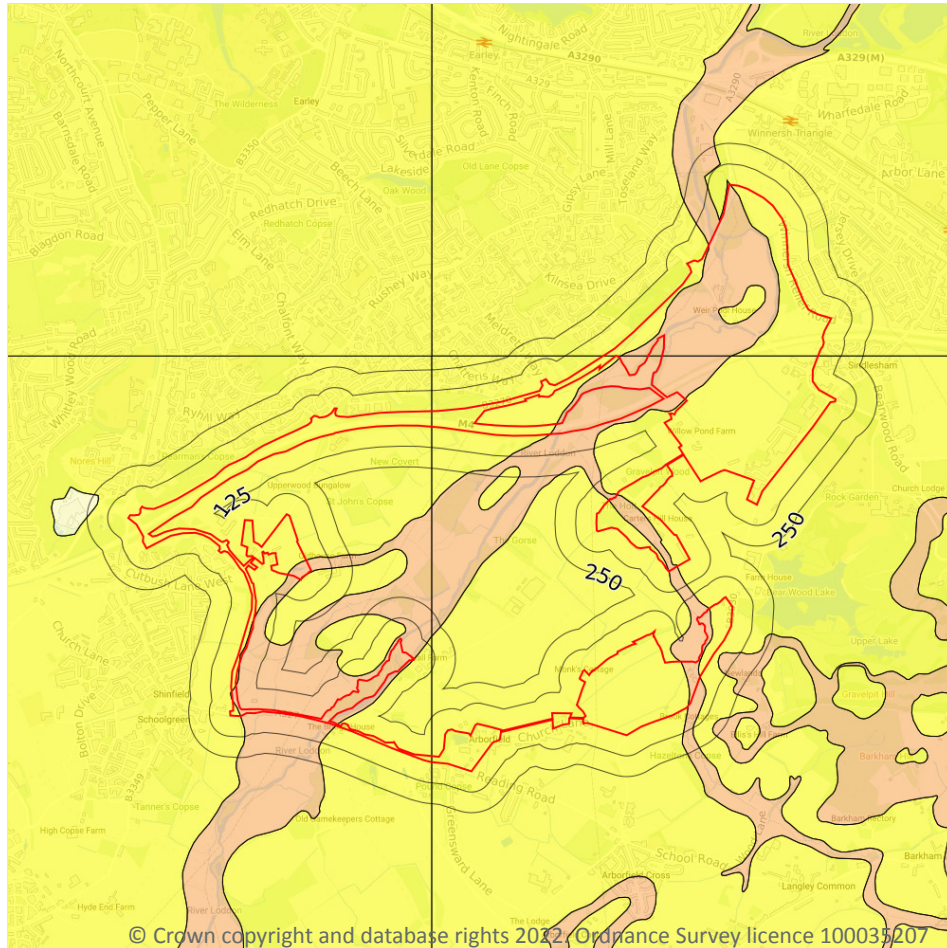


Location	Hazard rating	Details
8m SW	Negligible	Ground conditions predominantly non-plastic.
35m SE	Negligible	Ground conditions predominantly non-plastic.
44m NW	Negligible	Ground conditions predominantly non-plastic.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Running sands



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.2 Running sands

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Running sands map on **page 227**

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

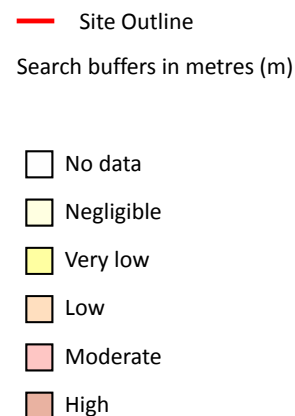
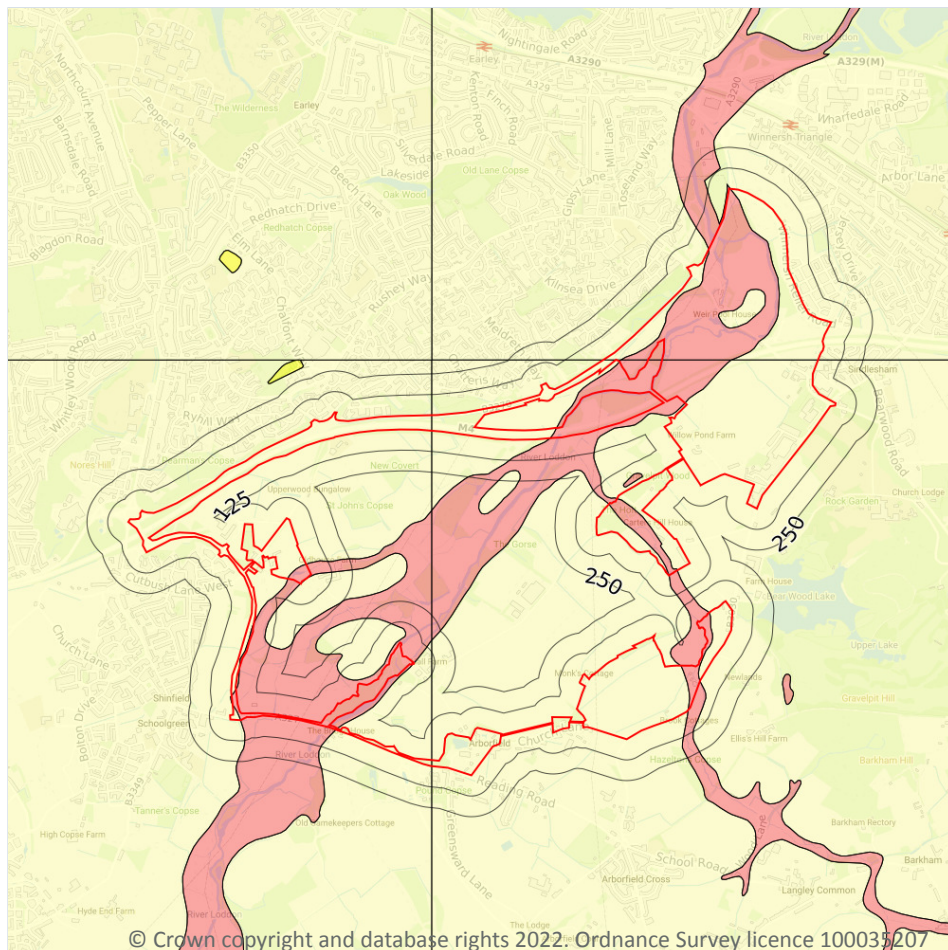


Location	Hazard rating	Details
On site	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.
14m NW	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.
35m SE	Low	Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Compressible deposits



17.3 Compressible deposits

Records within 50m

4

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

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 229**

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

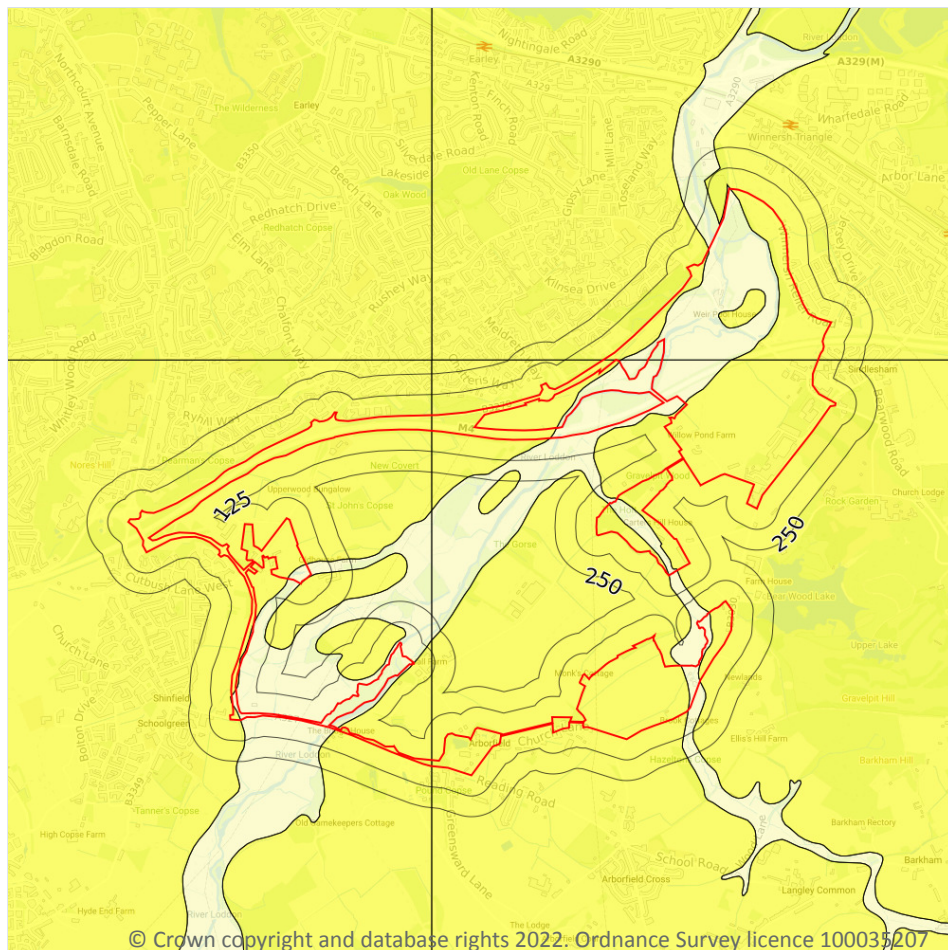


Location	Hazard rating	Details
14m NW	Negligible	Compressible strata are not thought to occur.
22m NW	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.



Natural ground subsidence - Collapsible deposits



- Site Outline
- Search buffers in metres (m)
- ☐ No data
 - ☐ Negligible
 - ☐ Very low
 - ☐ Low
 - ☐ Moderate
 - ☐ High

17.4 Collapsible deposits

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 231**

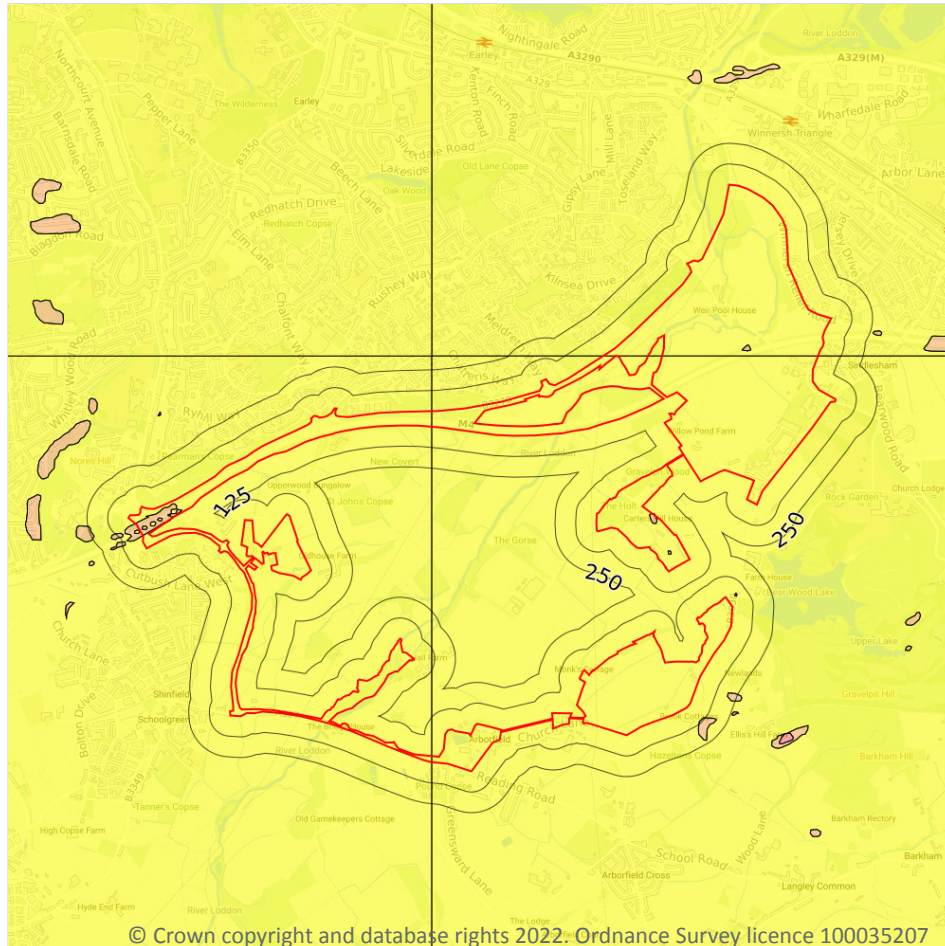
Location	Hazard rating	Details
On site	Negligible	Deposits with potential to collapse when loaded and saturated are believed not to be present.
On site	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.
14m NW	Very low	Deposits with potential to collapse when loaded and saturated are unlikely to be present.



This data is sourced from the British Geological Survey.



Natural ground subsidence - Landslides



— Site Outline
Search buffers in metres (m)

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

17.5 Landslides

Records within 50m

3

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

Features are displayed on the Natural ground subsidence - Landslides map on **page 233**

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

