



Resolving the impacts of mining



J FOX SCHOOL OF DANCE, J FOX SCHOOL OF DANCE, 153 HIGH STREET, WORLE, WESTON-SUPER-MARE, NORTH SOMERSET, BS22 6HQ

Thank you for placing your order with the Coal Authority Mining Reports team.

Please find enclosed the Coal Authority's Non-Residential CON29M and Groundsure Screening Report.

The icon below summarises whether the Coal Authority consider that the following conditions may affect the ground stability at the report location. A fuller explanation of the condition and its potential to result in ground movement are given in the Coal Authority section of this report.



Coal mining

No

If you need any further assistance, please do not hesitate to contact our experts on **0345 762 6848** quoting the Coal Authority reference number.

Coal Authority ref: 51003395755001

Your ref: MBRITTON

Date: 18 December 2023

For any coal mining related issues please contact the Coal Authority:

0345 762 6848 groundstability@coal.gov.uk

For all other issues and assistance please contact Groundsure:

0844 415 9000 info@groundsure.com



Issued by:

The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG Website: www.groundstability.com Phone: 0345 762 6848

MARCUS FOX Our reference: 51003395755001 38A FIR TREE LANE Your reference: **MBRITTON** ST GEORGE Date of your enquiry: **18 December 2023** BRISTOL Date we received your enquiry: **18 December 2023 BRISTOL** Date of issue: 18 December 2023 **BS5 8TZ**

This report is for the property described in the address below and the attached plan.

Non-Residential Enviro All-in-One - Off Coalfield

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This report is based on and limited to the records held by, the Coal Authority, at the time we answer the search.

Coal mining	No
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Information from the Coal Authority

The property lies outside any defined coalfield area.

Additional Remarks

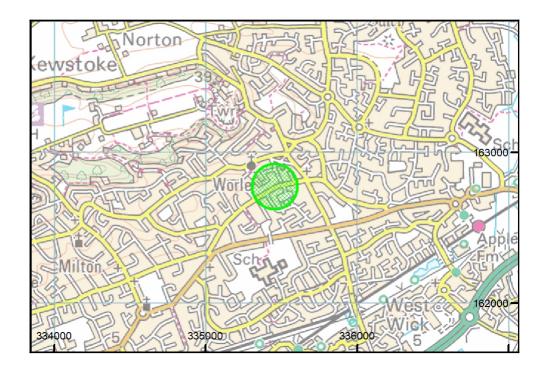
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Location map



Approximate position of property



Enquiry boundary

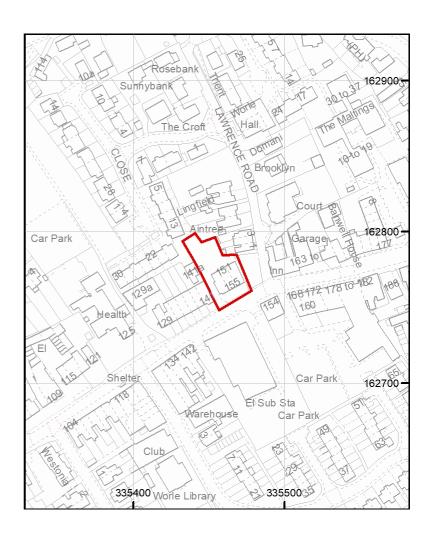
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Key

Approximate position of enquiry boundary shown









Screening

J FOX SCHOOL OF DANCE J FOX SCHOOL OF DANCE, 153 HIGH STREET, WORLE, WESTON-SUPER-MARE, NORTH SOMERSET, BS22 6HQ

Professional opinion



Contaminated Land

Low-Moderate: Acceptable Risk

page 12 >



Flooding

Moderate

page 26 >

Consultant's guidance and recommendations inside.



Ground Stability

Identified

page 34 >



Radon

Passed



Energy

Identified

page 37 >



Planning Constraints

Identified

page 48 >



Transportation Not identified

A full assessment of transportation is available in our Energy and Transportation report. Contact Groundsure or your search provider for further details.

○ClimateIndex™

Physical risks

ClimateIndex[™] projects changes in physical risks from **flooding, ground stability** and **coastal erosion**. Please see **page 7** > for details and guidance.

5 years



Significant risk

30 years



Significant risk

Transition risks

ClimateIndex[™] covers transition risks including energy efficiency. Please see page 9 > for details.

Contaminated land liability

Banking security

Is it likely that the property will represent acceptable banking security from a contaminated land perspective?

Yes

Statutory or 3rd party action

Is there a risk of statutory (e.g. Part 2A EPA 1990) or third party action being taken against the site?

Unlikely

Environmental liability

Is there a risk that the property value may be impacted due to contaminated land liability issues?

Unlikely





Ref: 51003395755001 Your ref: MBRITTON Grid ref: 335456 162774 Date: 18 December 2023





Screening

Site Plan



Useful contacts

North Somerset Council:
http://www.n-somerset.gov.uk/
customer.services@n-somerset.gov.uk
volume.services@n-somerset.gov.uk
volume.services@n-somerset.gov.uk
volume.services@n-somerset.gov.uk
volume.services@n-somerset.gov.uk
n-somerset.gov.uk
volume.services@n-somerset.gov.uk
n-somerset.gov.uk
<a href="mailto:volume.

Environment Agency National Customer Contact Centre (NCCC): enquiries@environment-agency.gov.uk 2007.000/ 2007.000/ 2007.000/</



Screening

Recent aerial photograph





Contact us with any questions at:

info@groundsure.com ↗

01273 257 755

Capture Date: 14/05/2020

Site Area: 0.11ha





Screening

Overview of findings and recommendations



Contaminated Land

Low-Moderate risk

Groundsure considers there to be an acceptable level of risk at the site from contaminated land liabilities.

If you require further advice with regards to this, please contact our customer services team on 01273 257 755 or e-mail at info@groundsure.com ↗

More information on page 12 >



Flooding

Moderate risk

- investigate the insurance on offer for the property to ensure any implications on premiums are fully understood before completion
- the assessment in this report is based on the highest flood risk found within the site boundary. The maps within the flood risk section clearly highlight which parts have a higher probability of flood risk, allowing you to visualise whether flood risk affects the buildings or the associated land. If required, we can provide an assessment that provides separate flood risk ratings for the main building and for the land/gardens around it. This assessment is carried out manually by one of our in house experts and can only be ordered by contacting our customer support team at info@groundsure.com
- if the property has recently been constructed, the flood risk assessment contained within this report will not take into account any measures put in place by the developer to deal with flooding. You should seek further information from the developer on flood risk mitigation for the site
- investigate the various forms of flood resistance and resilience measures that will help protect your property in the event of a flood

National Planning Policy Framework (NPPF)

A full flood risk assessment will be required at the site in the event that it will be developed/redeveloped. The NPPF states that the flood risk assessment should identify and assess the risks of all forms of flooding to and from the development and demonstrate how these flood risks will be managed so that the development remains safe throughout its lifetime, taking climate change into account. Those proposing developments should take advice from the emergency services when producing an evacuation plan for the development as part of the flood risk assessment.

More information on page 26 >





Screening



Identified

- if a survey has been undertaken at the property that considers ground instability and no issues were found, no further action is required
- however, based on the findings of this report, the purchaser should be encouraged to consider
 potential instability in any future development or alteration of the ground including planting and
 removing trees, and regardless of the survey outcome
- if no survey has yet been undertaken, we recommend one is carried out by a suitably qualified and experienced person
- if ground instability issues have been or are subsequently identified in a survey we recommend following any advice given in the survey findings

More information on page 34 >

Other considerations

These are next steps associated with non-environmental search returns on matters of energy facilities, transport infrastructure and planning constraints.



Energy

Identified

Wind

- use the details given in the report to find out more about the potential impacts on the property
- contact the operating company and the relevant Local Authority for further information
- visit the area in order to more accurately assess the impact this wind development would have on the property

Solar

- use the details given in the report to find out more about the potential impacts on the property by contacting the operating company and/or Local Authority
- visit the area in order to more accurately assess the impact this solar farm would have on the property

Projects



Contact us with any questions at:

info@groundsure.com

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O1273 257 755

Ref: 5100

Your ref:

Grid ref: 3

Ref: 51003395755001 Your ref: MBRITTON Grid ref: 335456 162774

5



Screening

 visit the National Infrastructure Planning website at <u>infrastructure.planninginspectorate.gov.uk/projects/</u>

, where further details on nationally significant infrastructure projects, including environmental impact assessments, can be found

More information on page 37 >



ClimateIndex™

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Screening

ClimateIndex™ physical and transition risks - Breakdown



Our ClimateIndex™ provides a climate score for your property, and projects changes in physical and transition risks from flooding, natural ground instability and coastal erosion. Climate change could have a significant medium to longer term impact on your property, which may be increasingly considered by your lender if you are arranging a mortgage. ClimateIndex™ provides ratings that indicate potential **physical risks** (loss and damage to property) and how these give rise to **transition risks** such as having a material impact on the ability to insure or mortgage the property in the medium to long term. In turn, this could affect the future resale value of the property.

You can see how these relate to the individual calculated risks in the breakdown below.



These ratings provide an overall illustration of the individual peril breakdowns below. For example, you may have three individual perils that have been flagged as presenting a moderate or high risk, and collectively they could generate a C rating due to the combined severity of risks present on the property site.

Surface water flooding	Low	Low
River flooding	Negligible	Negligible
Coastal flooding	High	High
Ground instability	Negligible	Negligible
Coastal erosion - defended	Negligible	Negligible
Coastal erosion - undefended	Negligible	Negligible
Coastal erosion - complex cliffs	Negligible	Negligible



Screening

In 30 years time your property has a ClimateIndex™ rating of E: There are physical risks that could affect the property either now or in the future. The availability of insurance or a mortgage in the coming years could be significantly affected. In turn, this may impact upon the property's resale value. Projections may show that the property could also become uninhabitable in a worse case scenario.

Climate change is likely to increase the risk of flooding on this property over time. To best protect the property, and your investment, against this risk we recommend the following:

- Investigate the insurance on offer for the property to ensure any implications on premiums are fully understood before completion, and take into consideration that premiums could be impacted in the future if the risk increases due to climate change;
- Investigate the possibility of obtaining parametric insurance or business interruption insurance;
- Look into the various forms of flood <u>resistance</u>

 ¬ and <u>resilience</u>
 ¬ measures that will help protect your property in the event of a flood.

For further details on flood risk see <u>page 33</u> > and for further details on natural ground instability and coastal erosion see <u>page 36</u> >.



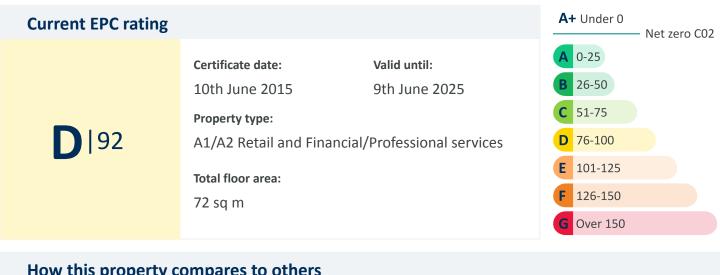
Screening

ClimateIndex™ transition risks

Energy Performance

Energy Performance Certificates (EPCs) rate the energy efficiency of buildings using grades from A+ to G, with 'A+' being the most efficient grade (this represents a 'Net Zero' non-domestic building) and 'G' the least efficient. They are designed to provide an estimate of energy costs associated with a building and an indication of how these can be reduced. When required, they should be made available to any prospective buyer or tenant. They are valid for exactly 10 years after the date lodged by the assessor. If your certificate is out of date it will need to be renewed when you wish to sell a property or let to a new tenant.

A valid EPC has been found relating to 153 High Street, Worle, BS22 6HQ



B | 29 D | 86 You can visit gov.uk's find an energy certificate service to search for the EPC for more detail.

EPC recommendations

The EPC assessor has provided the following recommendations to improve the energy efficiency of the property





Screening

	Recommendations
1	Consider installing building mounted wind turbine(s).
2	Consider installing solar water heating.
3	Add optimum start/stop to the heating system.
4	The default heat generator efficiency is chosen. It is recommended that the heat generator system be investigated to gain an understanding of its efficiency and possible improvements.
5	Consider installing PV.
6	The default chiller efficiency is chosen. It is recommended that the chiller system be investigated to gain an understanding of its efficiency and possible improvements.
7	Consider replacing T8 lamps with retrofit T5 conversion kit.
8	Introduce HF (high frequency) ballasts for fluorescent tubes: Reduced number of fittings required.
9	In some spaces, the solar gain limit in criterion 3 of ADL2A 2010 is exceeded, which might cause overheating. Consider solar control measures such as the application of reflective coating or shading devices to windows.

EPC calculations are partly based on observations made by the EPC assessor when visiting a property and partly on data and assumptions using the age and type of property. This means the EPC band may change irrespective of any improvement works undertaken, due to, for example, differing access or documentation being provided to the assessor during the visit. Additionally, the methodologies underpinning EPC calculations are updated periodically.

Letting and energy efficiency regulations

Currently, the Minimum Energy Efficiency Standard (MEES) Regulations require all privately rented non-domestic properties being let in England and Wales to have a minimum EPC rating of 'E'.

If the property has an EPC rating of F or G, the landlord should either improve the property to at least an EPC rating of E, or register an exemption, should one apply. Click here \nearrow for more detail on the types of exemptions available and how to register for them.

Given the general aspiration to move towards a net zero economy, tightening of the requirements imposed around energy efficiency should be anticipated and considered. Current government guidelines and proposals are summarised below:





Screening

1st April 2020 2027 2028 2030

All privately rented properties to be rated

Exemptions may apply

at least E

Proposed target for all non-domestic rented buildings to be rated at least C.

Exemptions may apply

Proposed target through the Energy Bill for non-domestic rental properties to achieve EPC B.

Exemptions may apply

Proposed MEES target that non-domestic rental properties must be rated at least EPC B.

Exemptions may apply



Screening



Contaminated land liability

Low-Moderate risk

Summary

The Contaminated Land Assessment was completed using a detailed risk assessment designed by qualified Environmental Consultants.

Past Land Use Low-Moderate
Waste and Landfill Low
Current and Recent Industrial Low-Moderate

Next steps

Groundsure considers there to be an acceptable level of risk at the site from contaminated land liabilities.

If you require further advice with regards to this, please contact our customer services team on 01273 257 755 or e-mail at info@groundsure.com ✓

Jump to

Consultant's Assessment >

Past land use >

Current and recent industrial >

Superficial hydrogeology >

Bedrock hydrogeology >

Skip to next section: Flooding >

You can find our methodology and list of limitations on page 54 >

Consultant's assessment

Environmental searches are designed to ensure that significant hazards and risks associated with this property are identified and considered alongside the investment in or purchase of a property. Please see page 4 > for further advice.

Current and proposed land use

Current land use

Groundsure has not been advised by the client (or their advisers) of the current use of the property. Groundsure has therefore assumed that the property is likely to be used for commercial purposes.

Proposed land use

Groundsure has assumed that the property will remain in its current use.



Screening

Historical land use

On-site

No potentially contaminative land uses have been identified at the study site.

Surrounding area

Potentially contaminative land uses of minor concern have been identified in proximity to the study site.

Site setting

Potentially vulnerable receptors have been identified including site users, residents of properties in proximity, the underlying aquifers.

Conclusion

Groundsure has not identified a potential contaminant-pathway-receptor relationship that may give rise to significant environmental liability. Please refer to the Contaminated Land assessment methodology contained within this report.



Screening

Contaminated land data summary



Past land use	On-Site	0-50m	50-250m
Former industrial land use (1:10,560 and 1:10,000 scale)	0	2	2
Former tanks	0	0	21
Former energy features	0	0	11
Former petrol stations	0	0	0
Former garages	0	6	3
Former military land	0	0	0
Waste and landfill	On-Site	0-50m	50-250m
Active or recent landfill	0	0	0
Former landfill (from Environment Agency Records)	0	0	0
Former landfill (from Local Authority and historical mapping records)	0	0	0
Waste site no longer in use	0	0	0
Active or recent licensed waste sites	0	0	0
Current and recent industrial	On-Site	0-50m	50-250m
Recent industrial land uses	0	0	14
Current or recent petrol stations	0	0	0
Historical licensed industrial activities	0	0	0
Current or recent licensed industrial activities	0	0	0
Local Authority licensed pollutant release	0	1	1
Pollutant release to surface waters	0	0	0
Pollutant release to public sewer	0	0	0
Dangerous industrial substances (D.S.I. List 1)	0	0	0
Dangerous industrial substances (D.S.I. List 2)	0	0	0
Dangerous or explosive sites	0	0	0
Hazardous substance storage/usage	0	0	0
Sites designated as Contaminated Land	0	0	0
ones designated as contaminated Land			



Screening

Contaminated land / Past land use





Former industrial land use (1:10,560 and 1:10,000 scale)

These historical land uses have been identified from 1:10,560 and 1:10,000 scale Ordnance Survey maps dated from the mid to late 1800s to recent times. They have the potential to have caused ground contamination. Please see the Environmental Summary to find out how these could impact the site.

Please see page 4 > for further advice.

Distance	Direction	Use	Date
34 m	Е	Laundry	1884
34 m	Е	Laundry	1884
129 m	Е	Boot Factory	1902
131 m	E	Laundry	1884

This data is sourced from Ordnance Survey/Groundsure.





Screening

Former tanks

These tanks have been identified from high detailed historical Ordnance Survey maps dating from the mid-late 1800s to recent times. Tanks like this can sometimes store harmful waste, chemicals or oil, as well as more benign substances. Liquids stored in these tanks can leak when the tanks rust or become damaged over time, which could have caused contamination at this site.

Please see <u>page 4</u> > for further advice.

Distance	Direction	Use	Date
86 m	NE	Unspecified Tank	1903
86 m	NE	Unspecified Tank	1931
87 m	NE	Unspecified Tank	1952
87 m	NE	Unspecified Tank	1952
88 m	NE	Unspecified Tank	1960
173 m	NE	Unspecified Tank	1960
173 m	NE	Unspecified Tank	1952
173 m	NE	Unspecified Tank	1952
178 m	Е	Unspecified Tank	1952
178 m	Е	Unspecified Tank	1960
178 m	Е	Unspecified Tank	1971
178 m	Е	Unspecified Tank	1982
179 m	Е	Unspecified Tank	1952
201 m	NE	Unspecified Tank	1952
201 m	NE	Unspecified Tank	1952
201 m	NE	Unspecified Tank	1960
213 m	Е	Unspecified Tank	1952
213 m	Е	Unspecified Tank	1952
224 m	NE	Unspecified Tank	1960
224 m	NE	Unspecified Tank	1952
224 m	NE	Unspecified Tank	1952

This data is sourced from Ordnance Survey/Groundsure.





Screening

Former energy features

Energy features such as substations, transformers or power stations have been identified from high detailed historical Ordnance Survey maps dating from the mid to late 1800s to recent times. Structures like this can sometimes cause soil or groundwater contamination.

Please see <u>page 4</u> > for further advice.

Distance	Direction	Use	Date
64 m	S	Electricity Substation	1971
65 m	S	Electricity Substation	1989
121 m	SW	Electricity Substation	1971
153 m	N	Electricity Substation	1971
157 m	N	Electricity Substation	1989
157 m	N	Electricity Substation	1952
162 m	SE	Electricity Substation	1971
162 m	SE	Electricity Substation	1982
234 m	Е	Electricity Substation	1988
235 m	Е	Electricity Substation	1971
235 m	Е	Electricity Substation	1982

This data is sourced from Ordnance Survey/Groundsure.

Former garages

These garages have been identified from high detailed historical Ordnance Survey maps dating from the mid to late 1800s to recent times. They have the potential to cause ground contamination. This can be because spills can occur when fuel, oil or solvents are used causing ongoing pollution. Older and obsolete garages are considered a greater risk than newer ones, as tanks can remain underground and deteriorate, sometimes causing significant leaks.

Please see page 4 > for further advice.

Distance	Direction	Use	Date
27 m	SE	Garage	1960
34 m	Е	Garage	1952
34 m	Е	Garage	1960
34 m	Е	Garage	1971
34 m	Е	Garage	1982
35 m	E	Garage	1988



Screening

Distance	Direction	Use	Date
138 m	NE	Garage	1952
138 m	NE	Garage	1960
138 m	NE	Garage	1971

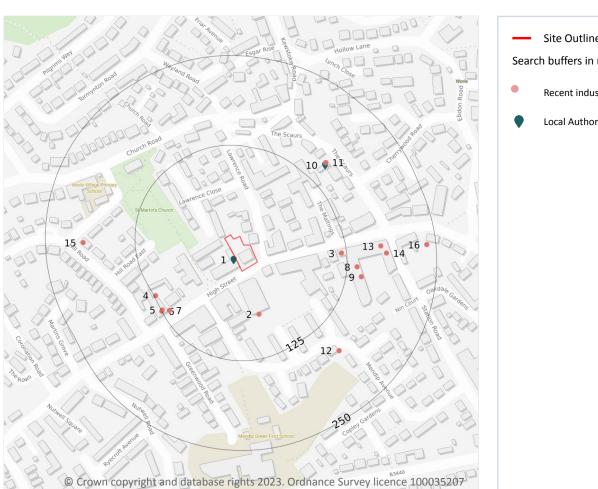
This data is sourced from Ordnance Survey/Groundsure.

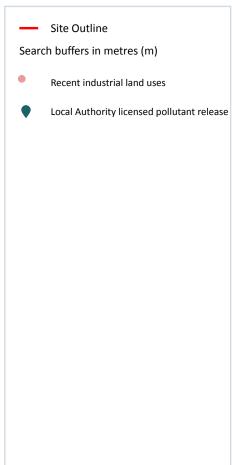


Screening

Contaminated land / Current and recent industrial







Recent industrial land uses

These records show details of businesses that have recently operated, or are currently operating in the area. Depending on the type of activities taking place, some of these businesses could present a risk of contamination.

Please see page 4 > for further advice.

ID	Distance	Direction	Company / Address Activity		Category
2	65 m	S	Electricity Sub Station - Somerset, BS22	ectricity Sub Station - Somerset, BS22 Electrical Features	
3	118 m	Е	Home Instead - 202, High Street, Worle, Weston-super-Mare, Somerset, BS22 6JE		
4	123 m	SW	Electricity Sub Station - Somerset, BS22	Electrical Features	Infrastructure and Facilities





Screening

ID	Distance	Direction	Company / Address	Activity	Category
5	124 m	SW	Horizon Computers - 109, High Street, Worle, Weston-super-Mare, Somerset, BS22 6HA	Electrical Equipment Repair and Servicing	Repair and Servicing
6	124 m	SW	Monkay Ltd - 109, High Street, Worle, Weston-super-Mare, Somerset, BS22 6HA		
7	124 m	SW	Swift - 109, High Street, Worle, Weston- super-Mare, Somerset, BS22 6HA	Beds and Bedding	Consumer Products
8	139 m	E	Auto Bitz - 222, High Street, Worle, Weston- super-Mare, Somerset, BS22 6JE	Vehicle Parts and Accessories	Motoring
9	146 m	E	Works - Somerset, BS22	Unspecified Works Or Factories	Industrial Features
11	153 m	NE	Scaurs Garage - 15, The Scaurs, Weston- super-Mare, Somerset, BS22 6QR	Vehicle Repair, Testing and Servicing	Repair and Servicing
12	168 m	SE	Electricity Sub Station - Somerset, BS22	Electrical Features	Infrastructure and Facilities
13	173 m	E	W M UK Mobility - 234, High Street, Worle, Weston-super-Mare, Somerset, BS22 6JE	Disability and Mobility Equipment	Consumer Products
14	180 m	E	N K Sports - Unit 7 Orchard House, Station Road, Worle, Weston-super-Mare, Somerset, BS22 6AU	Textiles, Fabrics, Silk and Machinery	Industrial Products
15	198 m	W	Solutions South West Ltd - 20, Hill Road, Worle, Weston-super-Mare, Somerset, BS22 9HD	Construction Construction Serv Completion Services	
16	237 m	Е	Electricity Sub Station - Somerset, BS22	Electrical Features	Infrastructure and Facilities

This data is sourced from Ordnance Survey.

Local Authority licensed pollutant release

Industrial facilities that release pollutants to the environment (air, land or water) may be regulated by the Local Authority and hold a Part A(2) or Part B process authorisation or licence. These processes could include the burning of waste oils, paint spraying and petrol vapour recovery. There could be a risk of ground contamination if harmful materials associated with these processes are not stored and handled correctly.

Please see <u>page 4</u> > for further advice.





Screening

ID	Distance	Direction	Address	Local Authority	Processes Undertaken	Permit Type	Details of Enforcement
1	4 m	SW	Avenue Dry Cleaners, 141 High Street, Worle, Weston-Super- Mare, BS22 6HQ	North Somerset District Council	Dry Cleaning	Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified
10	152 m	NE	Scaurs Garage, Worle, WSM, BS22 9HR	North Somerset District Council	Waste Oil Burner 0.4 MW	Part B	Enforcement: No Enforcements Notified Date of Enforcement: No Enforcements Notified Comment: No Enforcements Notified

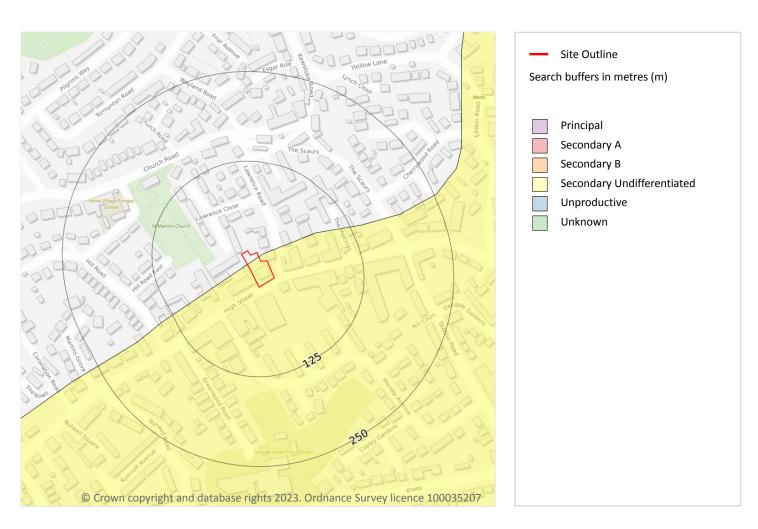
This data is sourced from Local Authorities.



Screening

Superficial hydrogeology





Aquifers within superficial geology

The Environment Agency/Natural Resources Wales and the British Geological Survey have assigned designations or types to the aquifers that exist within superficial geology. These designations reflect the importance of aquifers in terms of groundwater as a resource (eg drinking water supply) but also their role in supporting surface water flows and wetland ecosystems.

Principal - These are layers of rock or superficial deposits that usually provide a high level of water storage.

Secondary A - Permeable layers capable of supporting water supplies at a local rather than strategic scale.

Secondary B - Predominantly lower permeability layers which may store and yield limited amounts of groundwater.

Secondary Undifferentiated - Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.

Unproductive - These are rock layers with low permeability that have negligible significance for water supply.

Unknown - These are rock layers where it has not been possible to classify the water storage potential.



Ref: 51003395755001 Your ref: MBRITTON Grid ref: 335456 162774

(22)



Screening

Distance	Direction	Designation
0	on site	Secondary Undifferentiated

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

Superficial geology

Superficial deposits are the youngest natural geological deposits formed during the most recent period of geological time. They rest on older deposits or rocks referred to as bedrock. This information comes from the BGS 1:50,000 Digital Geological Map of Great Britain, where available.

Description	BGS LEX Code	Rock Type
TIDAL FLAT DEPOSITS	TFD-XCZS	CLAY, SILT AND SAND

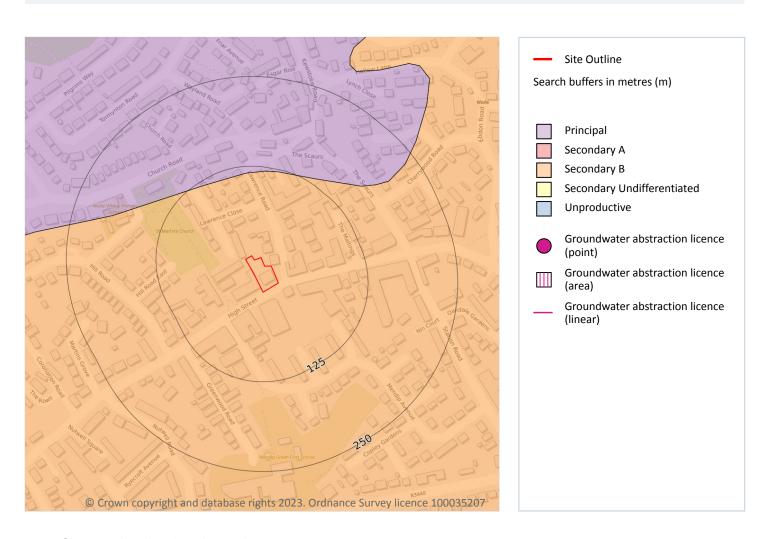
This data is sourced from British Geological Survey.



Screening

Bedrock hydrogeology





Aquifers within bedrock geology

The Environment Agency/Natural Resources Wales and the British Geological Survey have assigned designations or types to the aquifers that exist within bedrock geology. These designations reflect the importance of aquifers in terms of groundwater as a resource (eg drinking water supply) but also their role in supporting surface water flows and wetland ecosystems.

Principal - These are layers of rock or superficial deposits that usually provide a high level of water storage.

Secondary A - Permeable layers capable of supporting water supplies at a local rather than strategic scale.

Secondary B - Predominantly lower permeability layers which may store and yield limited amounts of groundwater.

Secondary Undifferentiated - Has been assigned in cases where it has not been possible to attribute either category A or B to a rock type.

Unproductive - These are rock layers with low permeability that have negligible significance for water supply.





Screening

Distance	Direction	Designation
0	on site	Secondary B
113 m	N	Principal

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

Bedrock geology

Bedrock geology is a term used for the main mass of rocks forming the Earth and is present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water. This information comes from the BGS 1:50,000 Digital Geological Map of Great Britain, where available.

Description	BGS LEX Code	Rock Type
MERCIA MUDSTONE GROUP	MMG-MDST	MUDSTONE

This data is sourced from British Geological Survey.



Screening



Flooding

Moderate risk

Summary

The property and area within the site outline is at risk from one or more kinds of flooding. Property's overall risk assessment for past flooding and river, coastal, surface water and groundwater flooding is moderate.

Please see page 27 > for details of the identified issues.

River and Coastal Flooding Groundwater Flooding Surface Water Flooding FloodScore™ insurance rating **Past Flooding Flood Storage Areas NPPF Flood Risk Assessment** required if site redeveloped?

Low **Negligible Moderate-High** Moderate-High **Identified** Not identified Yes

Next steps

An elevated level of flood risk has been identified at the property.

- investigate the insurance on offer for the property to ensure any implications on premiums are fully understood before completion
- the assessment in this report is based on the highest flood risk found within the site boundary. The maps within the flood risk section clearly highlight which parts have a higher probability of flood risk, allowing you to visualise whether flood risk affects the buildings or the associated land. If required, we can provide an assessment that provides separate flood risk ratings for the main building and for the land/gardens around it. This assessment is carried out manually by one of our in house experts and can only be ordered by contacting our customer support team at info@groundsure.com \nearrow
- if the property has recently been constructed, the flood risk assessment contained within this report will not take into account any measures put in place by the developer to deal with flooding. You should seek further information from the developer on flood risk mitigation for the site
- investigate the various forms of flood resistance and resilience measures that will help protect your property in the event of a flood

National Planning Policy Framework (NPPF)

A full flood risk assessment will be required at the site in the event that it will be developed/redeveloped. The NPPF states that the flood risk assessment should identify and assess the risks of all forms of flooding to and from the development and demonstrate how these flood risks will be managed so that the development remains safe throughout its lifetime, taking climate change into account. Those proposing developments should take advice from the emergency services when producing an evacuation plan for the development as part of the flood risk assessment.

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Jump to

Risk of flooding from rivers and the sea >

Flood defences >



Contact us with any questions at: Ref: 51003395755001 info@groundsure.com ↗ Your ref: MBRITTON Grid ref: 335456 162774



Screening

Surface water flooding >

Ambiental FloodScore[™] insurance rating >

Flood map for planning >

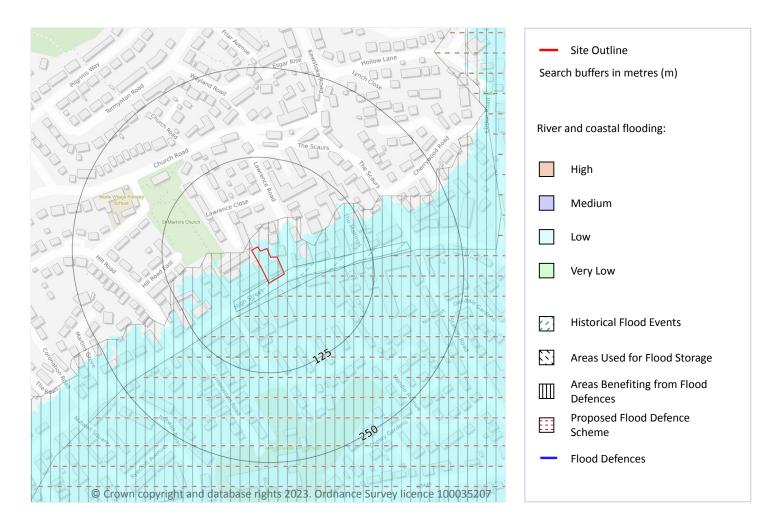
Flood risk (5 and 30 years) >

Skip to next section: Environmental >

You can find our methodology and list of limitations on page 54 >

Flooding / Risk of flooding from rivers and the sea





01273 257 755



Screening

Risk of flooding from rivers and the sea

The property has a Low chance of flooding in any given year, according to Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) data. This could cause problems with insuring the property against flood risk.

RoFRaS/FRAW assesses flood risk from rivers and the sea in England and Wales, using local data and expertise. It shows the chance of flooding from rivers or the sea, taking account of flood defences and the condition those defences are in. The model uses local water level and flood defence data to model flood risk. See page page 54 > for explanation of the levels of flood risk.

Please see page 4 > for further advice.

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

Historical flood areas

Large scale flooding has been recorded in the area where the property is located in the past.

A record of a flood in previous years does not mean that an area will flood again, especially as this information does not take account of flood management schemes and improved flood defences. Equally, absence of a historic flood event for an area does not mean that the area has never flooded, but only that it doesn't appear in Environment Agency national data. This information is collated from a database showing the individual footprint of every historic flood recorded by the Environment Agency. Please note this doesn't include records held by individual local offices.

As flood risks may or may not have changed, this requires further investigation.

Distance	Direction	Date of Flood	Flood Source	Flood Cause	Type of Flood
0	on site	2007-07-18 2007-07-18	Drainage	Local drainage/surface water	No data

Flooding / Flood defences



Areas benefiting from flood defences

The property is located in an area benefiting from flood defences. These areas would flood if the defence were not present, but may not do so as it is.

This means the area has major flood defences that may protect properties from flooding during a 1% river (fluvial) or 0.5% coastal flood event. We recommend discussing all flood defence in place as part of your discussions with insurance providers.

Details of flood defences and any areas benefiting from these defences can be seen on the Risk of Flooding from Rivers and the Sea Map.





Screening

Flooding / Surface water flood risk





Surface water flood risk

The property is likely to be prone to flooding following extreme rainfall, which may have an impact on insuring the property against flood risk.

The area in which the property is located has been assessed to be at a Moderate-High risk of surface water flooding. This area is considered to have a 1 in 100 probability of surface water flooding due to rainfall in a given year to a depth of between 0.3m and 1.0m. However, as is the case with probability statistics and predictions, this information should be used as a guideline only. The area may flood several years in a row, or not at all for many years. 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.

These risk calculations are based on Ambiental Risk Analytics maps.



Screening

Flooding / Ambiental FloodScore™ insurance rating





The property has been rated as having a Moderate to High level of flood hazard.

Ambiental's FloodScore™ insurance rating provides an indication of the likelihood of a property being flooded from river, coastal, groundwater and/or surface water flood. The FloodScore™ insurance rating information is based on a model and should not be relied upon as fact. It is only one of the many considerations reviewed as part of a commercial insurance policy.

Other underwriting considerations may include whether the building has been raised, are the contents raised off the floor, the construction type, business type, whereabouts the flooding impacts the property and the likelihood of business interruption such as access restrictions due to flood waters. As a property owner, understanding the risk to your property is valuable and adding flood resilience measures to the property, where known to be at risk, may help getting insurance or reducing the premium or excess charged by an insurer.



Screening

Flooding / Flood map for planning





The Environment Agency Flood Zone information is used within the planning system to help determine whether flood risk assessments are required for development. This guidance forms part of the National Planning Policy Framework (NPPF). The different Flood Zones are classified as follows (note that the risk values stated below do not take into account any flood defences -see the RoFRaS data for a rating that takes flood defences into account):

Zone 1 – little or no risk with an annual probability of flooding from rivers and the sea of less than 0.1%.

Zone 2 – low to medium risk with an annual probability of flooding of 0.1-1.0% from rivers and 0.1-0.5% from the sea.

Zone 3 (or Zone 3a) – high risk with an annual probability of flooding of 1.0% or greater from rivers, and 0.5% or greater from the sea.

Zone 3b – very high risk with the site being used as part of the functional flood plain or as a Flood Storage Area.

Owners of properties within Zone 2 and Zone 3 are advised to sign up to the Environment Agency's Flood Warning scheme. The Flood Zone(s) found at the property are shown in the table below.





Screening

Distance	Direction	Description
0	on site	Flood zone 2
0	on site	Flood zone 3

This data is sourced from the Environment Agency / Natural Resources Wales



Screening

Climate change / Flood risk (5 and 30 Years)

Ambiental's FloodScore™ Climate data provides flood risk information from river, tidal and surface water flooding for a range of future time periods and emissions scenarios (Low emissions - RCP 2.6, medium and most likely emissions - RCP 4.5, and high emission - RCP 8.5). The temperature increases shown for each scenario are predicted increases by 2081-2100. The models are based on the UK Climate Projections 2018 (UKCP18). It is plausible that climate change will increase the severity and frequency of flood events in the future. FloodScore™ Climate has been designed to provide banks, building societies and insurers with future flood risk information for their long-term assets. The data within this report is based on the highest risk found within a buffer zone around the buildings. The 'Year' in the table represents the median of the date range used for each modelled timeframe.

Temp increase range	Year	Combined flood risk	River flooding	Coastal flooding	Surface water flooding
RCP 2.6 0.9-2.3°C	2027	High	Negligible	High	Low
RCP 2.6 0.9-2.3°C	2055	High	Negligible	High	Low
Temp increase range	Year	Combined flood risk	River flooding	Coastal flooding	Surface water flooding
RCP 4.5 1.7-3.2°C	2027	High	Negligible	High	Low
RCP 4.5 1.7-3.2°C	2055	High	Negligible	High	Low
Temp increase range	Year	Combined flood risk	River flooding	Coastal flooding	Surface water flooding
RCP 8.5 3.2-5.4°C	2027	High	Negligible	High	Low
RCP 8.5 3.2-5.4°C	2055	High	Negligible	High	Low

This data is sourced from Ambiental Risk Analytics.





Screening



Environmental

Identified



Ground stability

The property is assessed to have potential for natural or non-natural ground subsidence.

Please see page 35 > for details of the identified issues.

Natural Ground Stability
Non-Natural Ground Stability

Moderate-High

Not identified



Radon

Local levels of radon are considered normal. However, if an underground room makes up part of the accommodation, the property should be tested regardless of radon Affected Area status. Not in a radon affected area

Next steps

Ground stability

The property is indicated to lie within an area that could be affected by natural ground subsidence. You should consider the following:

- if a survey has been undertaken at the property that considers ground instability and no issues were found, no further action is required
- however, based on the findings of this report, the purchaser should be encouraged to consider
 potential instability in any future development or alteration of the ground including planting and
 removing trees, and regardless of the survey outcome
- if no survey has yet been undertaken, we recommend one is carried out by a suitably qualified and experienced person
- if ground instability issues have been or are subsequently identified in a survey we recommend following any advice given in the survey findings

Jump to

Natural ground subsidence >

Natural ground instability (5 and 30 Years) >

Skip to next section: Energy >

You can find our methodology and list of limitations on page 54 >

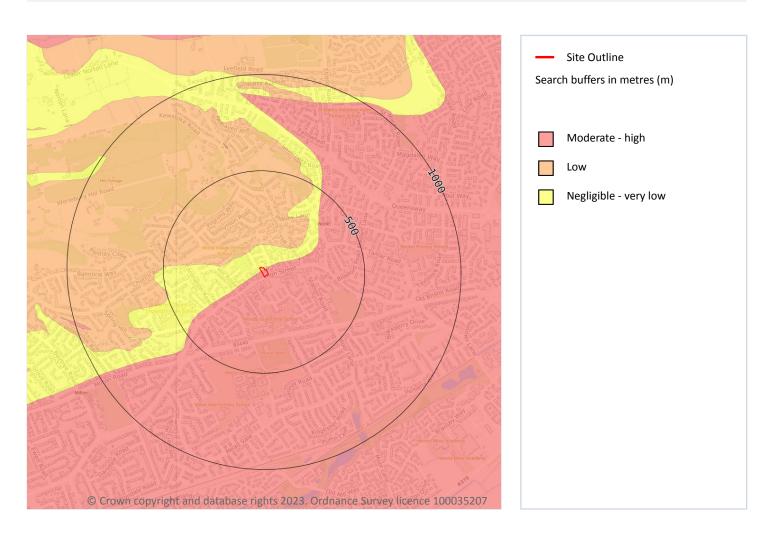
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Screening

Ground stability / Natural ground subsidence





Natural ground subsidence

The property, or an area within 50m of the property, has a moderate to high potential for natural ground subsidence. This rating is derived from the British Geological Survey's GeoSure database, and is based upon the natural qualities of the geology at the site rather than any historical subsidence claims or events. Additionally, this data does not take into account whether buildings on site have been designed to withstand any degree of subsidence hazard.

Please see <u>page 4</u> > for further advice.

Surveyors are normally aware of local problem areas in relation to subsidence, however, this data provided by the British Geological Survey (BGS) can highlight areas where a significant potential for natural ground subsidence exists and whether it may need particular consideration. The term "Subsidence" refers to ground movement that could cause damage to foundations in domestic or other properties.

Contact us with any questions at:

info@groundsure.com ↗

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Screening

Climate change / Natural ground instability (5 and 30 Years)

This data shows the increase in shrink swell subsidence hazards as a result of climate change. When certain soils take in water they can swell, causing heave. Conversely, when these soils dry out they can shrink and cause subsidence. Climate change will result in higher temperature and therefore likely cause periods of drought and an increase in shrink swell subsidence. This data has been produced using the Met Office local projections to accurately model predicted rainfall, it is only available for RCP8.5 (the 'worst case' climate scenario).

Temp increase range	Year	Wet scenario	Average rainfail	Dry scenario
RCP 8.5 3.2-5.4°C	2030s	Highly unlikely	Highly unlikely	Highly unlikely
RCP 8.5 3.2-5.4°C	2050s	Highly unlikely	Highly unlikely	Highly unlikely

This data is sourced from the British Geological Survey.



Screening



Energy

Identified



Oil and gas

No historical, active or planned wells or extraction areas have been identified near the property.

Oil and gas areas
Oil and gas wells

Not identified
Not identified



Wind and Solar

Our search of existing and planned renewable wind and solar infrastructure has identified results.

Please see <u>page 4</u> > for further advice. Additionally, see page 39 > for details of the identified issues.

Planned Multiple Wind Identified

Turbines
Planned Single Wind Turbines Identified
Existing Wind Turbines Not identified
Proposed Solar Farms Identified
Existing Solar Farms Identified



Energy

Our search of major energy transmission or generation infrastructure and nationally significant infrastructure projects has identified results.

Please see <u>page 4</u> > for further advice. Additionally, see <u>page 45</u> > for details of the identified issues.

Power stations Energy Infrastructure Projects Not identified Not identified Identified

Next steps

Wind

Existing or proposed wind installations have been identified within 5km.

- use the details given in the report to find out more about the potential impacts on the property
- contact the operating company and the relevant Local Authority for further information
- visit the area in order to more accurately assess the impact this wind development would have on the property

Solar

Existing or proposed solar installations have been identified within 5km of the property.



Screening

- use the details given in the report to find out more about the potential impacts on the property by contacting the operating company and/or Local Authority
- visit the area in order to more accurately assess the impact this solar farm would have on the property

Projects

One or more nationally significant energy infrastructure projects has been identified within 5km of the property.

 visit the National Infrastructure Planning website at <u>infrastructure.planninginspectorate.gov.uk/projects/</u>

 ¬, where further details on nationally significant infrastructure projects, including environmental impact assessments, can be found

Jump to

Wind and solar >

Energy Infrastructure >

Skip to next section: Transport >

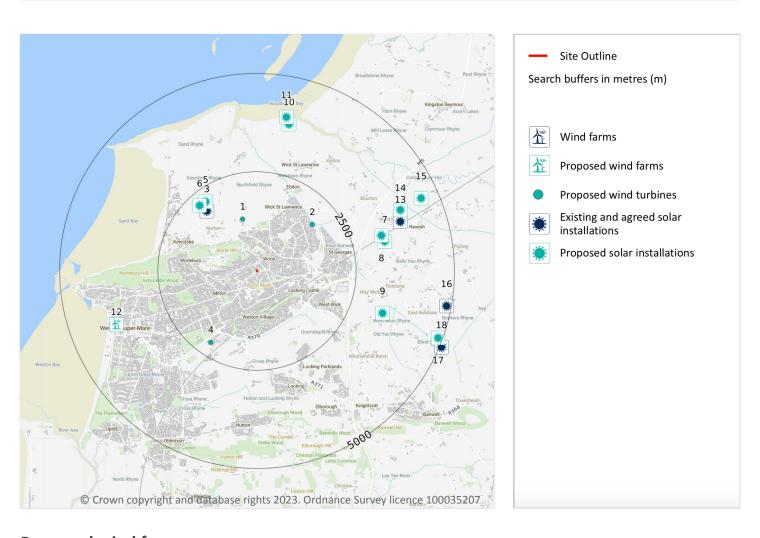
You can find our methodology and list of limitations on page 54 >



Screening

Energy / Wind and solar





Proposed wind farms

A wind farm or group of turbines or individual wind turbine has been proposed within 5,000m of the property. See below for details of the operating company, number of turbines, project and turbine capacity.

Please note some planning applications identified as having been refused, may have subsequently been granted on appeal without appearing as such within this report. Additionally, please be aware that as the identified records are taken from a planning record archive, the proposals identified may have already been undertaken.



Screening

ID	Distance	Direction	Details	
12	3-4 km	W	Site Name: Marks & Spencer 47 High Street, Weston-Super-Mare, BS23 1HD Planning Application Reference: 11/P/0177/F Type of Project: 3 Wind Turbines	Application Date: 2010-12-23 Planning Stage: Plans Approved Detail Plans Granted Project Details: Scheme comprises installation of 3 small scale vertical axis wind turbines to the roof (Regent Street elevation) of Marks and Spencer. Approximate Grid Reference: 331878, 161413

This information is derived from planning data supplied by Glenigan, in some cases with further accuracy applied by Groundsure's experts. This search includes planning applications for wind farms with multiple turbines within 5,000m of the property. This data is updated on a quarterly basis.

If the existence of a planning application, passed or refused may have a material impact with regard to the

If the existence of a planning application, passed or refused may have a material impact with regard to the decision to purchase the property, Groundsure recommends independent, thorough enquiries are made with the Local Authority. If any applications have been identified within this report, Groundsure have included the planning reference to enable further enquiries to be made.

Proposed wind turbines

Planning applications for individual wind turbines have been proposed within 5,000m of the property. See below for details of the operating company, number of turbines, project and turbine capacity.

Please note some planning applications identified as having been refused may have subsequently been granted on appeal without appearing as such within this report. Additionally, please be aware that as the identified records are taken from a planning record archive, the proposals identified may have already been undertaken.

ID	Distance	Direction	Details	
1	1-2 km	N	Site Name: Land At Manor Farm, Collum Lane, Kewstoke, Weston-Super-Mare, North Somerset, Avon, BS22 9JL Planning Application Reference: 14/P/0287/F Type of Project: Wind Turbine	Application Date: 2014-01-30 Planning Stage: Early Planning Detail Plans Refused Project Details: Scheme comprises installation of single wind turbine (hub height 50 metres, maximum 79 metres to tip) together with the installation of an electrical cabinet and provision of improved access junction Approximate Grid Reference: 335094, 164092
2	1-2 km	NE	Site Name: 3 Spinners End, Worle, Weston- Super-Mare, North Somerset, Avon, BS22 7HJ Planning Application Reference: 07/P/0055/F Type of Project: Wind Turbine	Application Date: 2007-01-08 Planning Stage: Plans Approved Detail Plans Granted Project Details: Scheme comprises installation of a wind turbine on the gable of the house. Approximate Grid Reference: 336863, 163955





Screening

ID	Distance	Direction	Details	
4	2-3 km	SW	Site Name: 1 & 2 Vernon Court Aisecome Way, Great Western Centre, Weston-Super-Mare, BS22 8NG Planning Application Reference: 10/P/0377/F Type of Project: Wind Turbine	Application Date: 2010-03-02 Planning Stage: Plans Approved Detail Plans Granted Project Details: Scheme comprises installation of a 15 metre high wind turbine. Approximate Grid Reference: 334283, 160958

This information is derived from planning data supplied by Glenigan, in some cases with further accuracy applied by Groundsure's experts. This search includes planning applications for single wind turbines only, within 5,000m of the property. This data is updated on a quarterly basis.

If the existence of a planning application, passed or refused, may have a material impact with regard to the decision to purchase the property, Groundsure recommends independent, thorough enquiries are made with the Local Authority. If any applications have been identified within this report, Groundsure have included the planning reference to enable further enquiries to be made.

Existing and agreed solar installations

There is an operational or planned solar photovoltaic farm or smaller installation located near the property. Please note this will not include small domestic solar installations. See below for details on installed capacity, operating company and the status of the project on a given date.

ID	Distance	Direction	Address	Details	
3	1-2 km	NW	Elmsley Lane, Kewstoke - Solar Farm, Elmsley Lane Kewstoke, BS22 9YT	Contractor: Solar Southwest LPA Name: North Somerset Council Capacity (MW): 24.5	Application Date: 14/02/2023 Pre Consent Status: Planning Application Submitted Post Consent Status: Application Submitted Date Commenced: -
13	3-4 km	E	The Grange, The Grange, Wick Lane, West Hewish, Banwell, BS24 6RR	Contractor: Elgin Energy EsCo LPA Name: North Somerset Council Capacity (MW): 8	Application Date: 08/09/2014 Pre Consent Status: Operational Post Consent Status: Operational Date Commenced: 30/03/2016
16	4-5 km	Е	Bowerhouse Farm (extension), Photovoltaic Installation At B, Riverside, Banwell, Somerset, BS24 6UA	Contractor: Ethical Power LPA Name: North Somerset Council Capacity (MW): 19.8	Application Date: 31/03/2020 Pre Consent Status: Under Construction Post Consent Status: Under Construction Date Commenced: -
18	4-5 km	Е	Bowerhouse Farm, Land at Bowerhouse East of Riverside Banwell, BS29 6EL	Contractor: KWTN Solar LPA Name: North Somerset Council Capacity (MW): 8.3	Application Date: 31/07/2014 Pre Consent Status: Operational Post Consent Status: Operational Date Commenced: 29/03/2015





Screening

The solar installation data is supplied by the Department for Business, Energy & Industrial Strategy and is updated on a monthly basis.

Proposed solar installations

There is a planning permission application relating to a solar farm or smaller installation near to the property.

Please note this will not include small domestic solar installations and that one site may have multiple applications for different aspects of their design and operation. Also note that the presence of an application for planning permission is not an indication of permission having been granted. Please be aware that as the identified records are taken from a planning record archive, the proposals identified may have already been undertaken. See below for details of the proposals.

ID	Distance	Direction	Address	Details	
5	2-3 km	NW	Land Off Elmsley Lane, Kewstoke	Applicant name: Solar Southwest Application Status: Full Application Application Date: 14/02/2023 Application Number: 22/P/3036/FUL	Installation of groundmount Photovoltaic Units (Solar Panels) together with Transformers, Sub-station and ancillary equipment to create a solar farm producing carbon- free electricity.
6	2-3 km	NW	Land At Holme Farm And Norton Farm, Off Lower Norton Lane Kewstoke, BS22 9YT	Applicant name: Mead Realisations Ltd Application Status: Registered Application Date: 17/02/2021 Application Number: 21/P/0502/EA1	Request for a formal screening opinion as to whether an Environmental Impact Assessment is required to be submitted with an application for the installation of upto 65,000 photovoltaic (PV) panels with associated transformers and equipment.
7	3-4 km	E	The Grange, Wick Lane, West Hewish, Banwell, BS24 6RR	Applicant name: Not Available Application Status: Non Material amendment Application Date: 08/07/2015 Application Number: 15/P/1599/NMA	Non material amendment to planning permission 14/P/1938/F (Construction of a solar farm with associated equipment and buildings, fencing, cable routing and substation) to repositioning of substations, addition of pole mounted security cameras, solar panel
8	3-4 km	E	The Grange, Wick Lane, West Hewish, Banwell BS24 6RR	Applicant name: Elgin Energy EsCo Ltd Application Status: Full Planning Permission Application Date: 08/09/2014 Application Number: 14/P/1938/F	Construction of a solar farm with associated equipment and buildings, fencing, cable routing and substation



Screening

ID	Distance	Direction	Address	Details	
9	3-4 km	E	Land to West of Silver Moor Lane, Banwell, BS29 6LQ	Applicant name: Green Switch Solutions Ltd Application Status: Request for formal screening opinion Application Date: 23/07/2013 Application Number: 13/P/1318/EIA1	Screening opinion as to whether an Environmental Impact Assessment is required to be submitted with a planning application for a solar farm. THIS NOT A PLANNING APPLICATION.
10	3-4 km	N	Sewage Treatment Works, Warth Lane, Wick, St Lawrence, BS22 7YP	Applicant name: Wessex Water Application Status: Request for formal screening opinion Application Date: 16/03/2023 Application Number: 23/P/0576/EA1	Request for a formal screening opinion as to whether an Environmental Impact Assessment is required to be submitted with an application for a proposal to install ground mounted Solar Photovoltaic (PV) panels (Solar Park) and associated works. THIS IS NOT A PLANNING APPLICATION
11	3-4 km	N	Sewage Works, Warth Lane, Wick, St Lawrence, North Somerset	Applicant name: Mr Paul Lewis Application Status: s192 Lawful use/development-proposed Application Date: 02/10/2023 Application Number: 23/P/2126/LDP	Certification of Lawful Development for the Installation of a ground mounted Solar PV array, erection of a Kiosk building alongside perimeter fencing, gates, CCTV and access tracks.
14	3-4 km	NE	Photovoltaic Installation,Wick Lane, West Hewish, Puxton BS24 6RR	Applicant name: Lightsource Property Investment Management (Ipim) Llp Application Status: Registered Application Date: 05/11/2019 Application Number: 19/P/2738/FUL	Application to vary condition 19 attached to planning permission 14/P/1938/F (Construction of a solar farm with associated equipment and buildings, fencing, cable routing and substation) to extend the temporary planning permission term from 25 years to 40 years.
15	4-5 km	NE	Land At Manor Farm, Wick Lane, Hewish, Puxton	Applicant name: Green Switch Capital Application Status: Request for formal screening opinion Application Date: 29/06/2023 Application Number: 23/P/1390/EA1	Screening Opinion request to determine as to whether proposed development is EIA development. Works proposed; development comprising of a 49.9MW Peak (MWp) solar farm and 24MW battery energy storage system (BESS). THIS IS NOT A PLANNING APPLICATION



Screening

ID	Distance	Direction	Address	Details	
17	4-5 km	E	Land at Bowerhouse East of Riverside and west of Puxton Lane/Drove Way Banwell BS24 6UH	Applicant name: KWTN Solar Ltd Application Status: Full Planning Permission Application Date: 31/07/2014 Application Number: 14/P/1666/F	Installation of a solar farm with associated works

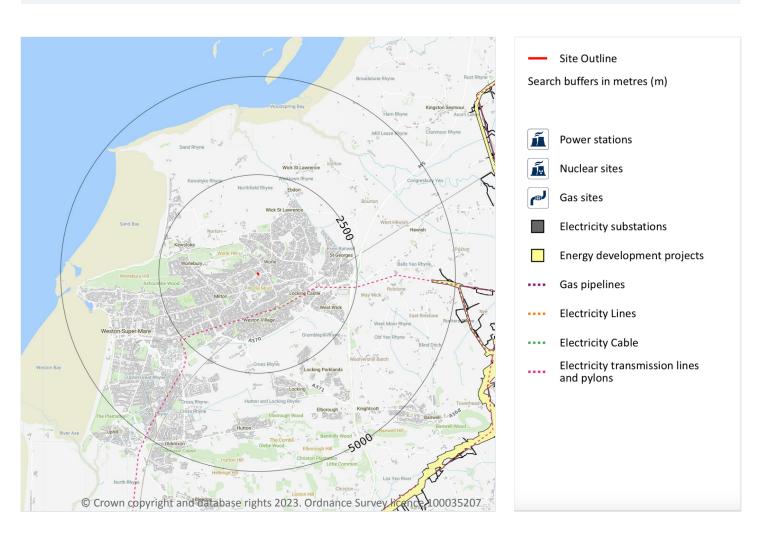
The data is sourced from public registers of planning information and is updated every two weeks.



Screening

Energy / Energy infrastructure





Large Energy Projects

Large scale energy generation or transmission infrastructure has been proposed on or near to the property. Plans have been submitted to the Planning Inspectorate (formerly known as the Infrastructure Planning Commission). See below for details of what is proposed.

Distance	Direction	Details	Summary
4-5 km	E	Operator: National Grid Site Name: Hinkley Point C Connection Stage: Granted	National Grid Overhead Lines connector





Screening

The information for this search is taken from a range of publicly available datasets. If the existence of a large scale infrastructure project may have a material impact with regard to the decision to purchase the property, Groundsure recommends making independent, thorough enquiries, starting with the National Infrastructure Planning website - <u>infrastructure.planninginspectorate.gov.uk/projects/</u> 7.



Screening



Transport

The property has not been identified to lie within the specified distance of one or more of the transportation features detailed below.

If required, full details on these transportation features including a detailed location plan relative to the property are available when you purchase a Groundsure Energy and Transportation Report via your preferred searches provider.



HS2

No results for Phase 1 or Phase 2 of the HS2 project (including the 2016 amendments) have been identified within 5km of the property. However, HS2 routes are still under consultation and exact alignments may change in the future.

Visual assessments are only provided by Groundsure if the property is within 2km of Phase 1 and 2a. Other assessments may be available from HS2.

HS2 Route	Not identified
HS2 Safeguarding	Not identified
HS2 Stations	Not identified
HS2 Depots	Not identified
HS2 Noise	Not assessed
HS2 Visual impact	Not assessed



Crossrail

The property is not within 250 metres of either the Crossrail 1 or Crossrail 2 project.

Crossrail 1 Route	Not identified
Crossrail 1 Stations	Not identified
Crossrail 2 Route	Not identified
Crossrail 2 Stations	Not identified
Crossrail 2 Worksites	Not identified
Crossrail 2 Safeguarding	Not identified
Crossrail 2 Headhouse	Not identified



Other Railways

The property is not within 250 metres of any active or former railways, subway lines, DLR lines, subway stations or railway stations.

Active Railways and Tunnels	Not identified
Historical Railways and	Not identified
Tunnels	
Railway and Tube Stations	Not identified
Underground	Not identified



Screening



Planning

Identified

Summary

Protected areas have been identified within 250 metres of the property.

Please see <u>page 49</u> > for details of the identified issues.

Environmental Protected Areas Not identified
Visual and Cultural Protected Identified
Areas

Jump to

Planning constraints >

You can find our methodology and list of limitations on page 54 >

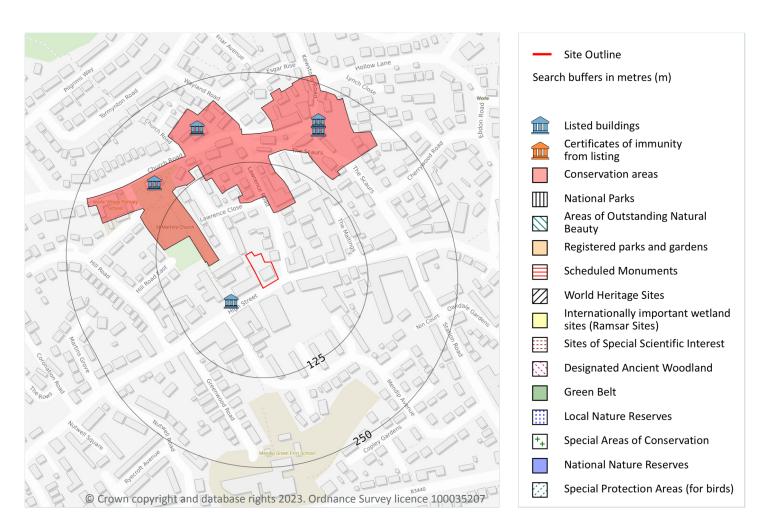
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Screening

Planning constraints





Conservation Areas

Conservation Areas exist to protect special architecture and historic interest in an area. It may mean that the property is located in or close to a beautiful or architecturally interesting place to live. There may be extra planning controls restricting some development. This particularly applies to developing the outside of the building and any trees at the property.

Distance	Direction	Name	District
37 m	W	Worle Village	North Somerset

This data is sourced from Historic England and Local Authorities. For more information please see historicengland.org.uk/listing/what-is-designation/local/conservation-areas/ 1.





Screening

Listed Buildings

The presence of listed buildings means there will be extra control over what changes can be made to that building's interior and exterior. If the property itself is a listed building, owners will need to apply for Listed Building Consent for most types of work that affect the 'special architectural or historic interest' of the property and the work approved may increase costs.

Distance	Direction	Name	Grade	Listed building reference number	Listed date
48 m	SW	Worle War Memorial	II	1446117	06/06/2017
163 m	NW	Church Of Saint Martin	*	1137549	19/05/1983
189 m	NW	119 And 121, Church Road	II	1129721	19/05/1983
191 m	N	Mendip Cottage	II	1129736	16/06/1981
202 m	N	The Bell House	II*	1129726	16/06/1981

This data is sourced from Historic England. For more information please see https://historicengland.org.uk/listing/the-list/ https://historicengland.org.uk/listing/the-list/



Screening

Datasets searched

This is a full list of the data searched in this report. If we have found results of note we will state "Identified". If no results of note are found, we will state "Not identified". Our intelligent filtering will hide "Not identified" sections to speed up your workflow.

Contaminated Land		Contaminated Land	
Former industrial land use (1:10,560 and 1:10,000 scale)	Identified	Dangerous industrial substances (D.S.I. List 1)	Not identified
Former tanks	Identified	Dangerous industrial substances (D.S.I.	Not identified
Former energy features	Identified	List 2)	
Former petrol stations	Not identified	Pollution incidents	Not identified
Former garages	Identified	Superficial hydrogeology	
Former military land	Not identified	Aquifers within superficial geology	Identified
Former landfill (from Local Authority and historical mapping records)	Not identified	Superficial geology	Identified
Waste site no longer in use	Not identified	Bedrock hydrogeology	
Active or recent landfill	Not identified	Aquifers within bedrock geology	Identified
Former landfill (from Environment Agency Records)	Not identified	Groundwater abstraction licences	Not identified
Active or recent licensed waste sites	Not identified	Bedrock geology	Identified
Recent industrial land uses	Identified	Source Protection Zones and drinking	water
Current or recent petrol stations	Not identified	abstractions	
Dangerous or explosive sites	Not identified	Source Protection Zones	Not identified
Hazardous substance storage/usage	Not identified	Source Protection Zones in confined aquifer	Not identified
Sites designated as Contaminated Land	Not identified	Drinking water abstraction licences	Not identified
Historical licensed industrial activities	Not identified		
Current or recent licensed industrial	Not identified	Hydrology	
activities		Water courses from Ordnance Survey	Not identified
Local Authority licensed pollutant release	Identified	Surface water abstractions	Not identified
Pollutant release to surface waters	Not identified	Flooding	
Pollutant release to public sewer	Not identified	Risk of flooding from rivers and the sea	Identified

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Flooding		Oil an
Flood storage areas: part of floodplain	Not identified	Oil or g
Historical flood areas	Identified	Propos
Areas benefiting from flood defences	Identified	License
Flood defences	Not identified	Potent
Proposed flood defences	Not identified	Wind
Surface water flood risk	Identified	
Groundwater flooding	Not identified	Wind f
Climate change		Propos
Flood risk (5 and 30 Years)	Identified	Existin
Natural ground instability (5 and 30 Years)	Identified	Propos
Natural ground subsidence		Energy
-	Identified	Electric
Natural ground subsidence		Nation
Natural geological cavities	Not identified	Power
Non-natural ground subsidence		Nuclea
Coal mining	Not identified	Large E
Non-coal mining	Not identified	Planni
Mining cavities	Not identified	
Infilled land	Not identified	Sites o
Radon		Interna (Ramsa
	Not identified	Special
Radon	Not identified	Special
Coastal Erosion		Nation
Complex cliffs	Not identified	Local N
Projections with intervention measures in	Not identified	Design
Projections with no active intervention	Not identified	Green
Projections with no active intervention	Not identified	Morld

Oil and gas	
Oil or gas drilling well	Not identified
Proposed oil or gas drilling well	Not identified
Licensed blocks	Not identified
Potential future exploration areas	Not identified
Wind and solar	
Wind farms	Not identified
Proposed wind farms	Identified
Proposed wind turbines	Identified
Existing and agreed solar installations	Identified
Proposed solar installations	Identified
Energy	
Electricity transmission lines and pylons	Not identified
National Grid energy infrastructure	Not identified
Power stations	Not identified
Nuclear installations	Not identified
Large Energy Projects	Identified
Planning constraints	
Sites of Special Scientific Interest	Not identified
Internationally important wetland sites (Ramsar Sites)	Not identified
Special Areas of Conservation	Not identified
Special Protection Areas (for birds)	Not identified
National Nature Reserves	Not identified
Local Nature Reserves	Not identified
Designated Ancient Woodland	Not identified
Green Belt	Not identified
World Heritage Sites	Not identified





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Planning constraints	
Areas of Outstanding Natural Beauty	Not identified
National Parks	Not identified
Conservation Areas	Identified
Listed Buildings	Identified
Listed Buildings Certificates of Immunity from Listing	Identified Not identified



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Contaminated Land Assessment Methodology and Limitations

Our risk assessment methodology and limitations can be found at Risk Assessment methodology and Limitations - Groundsure A

Flood information

The Flood Risk Assessment section is based on datasets covering a variety of different flooding types. No inspection of the property or of the surrounding area has been undertaken by Groundsure or the data providers. The modelling of flood hazards is extremely complex and in creating a national dataset certain assumptions have been made and all such datasets will have limitations. These datasets should be used to give an indication of relative flood risk rather than a definitive answer. Local actions and minor variations, such as blocked drains or streams etc. can greatly alter the effect of flooding. A low or negligible modelled flood risk does not guarantee that flooding will not occur. Nor will a high risk mean that flooding definitely will occur. Groundsure's overall flood risk assessment takes account of the cumulative risk of river and coastal data, historic flood events and areas benefiting from flood defences provided by the Environment Agency/Natural Resources Wales (in England and Wales) and surface water (pluvial) and groundwater flooding provided by Ambiental Risk Analytics. In Scotland the river and coastal flood models are also provided by Ambiental Risk Analytics.

Risk of flooding from rivers and the sea

This is an assessment of flood risk for England and Wales produced using local data and expertise, provided by the Environment Agency (RoFRaS model) and Natural Resources Wales (FRAW model). It shows the chance of flooding from rivers or the sea presented in categories taking account of flood defences and the condition those defences are in. The model uses local water level and flood defence data to model flood risk.

The categories associated with the Environment Agency and Natural Resources Wales models are as follows:

RoFRaS (rivers and sea) and FRAW (rivers):

Very Low - The chance of flooding from rivers or the sea is considered to be less than 1 in 1000 (0.1%) in any given year.

Low - The chance of flooding from rivers or the sea is considered to be less than 1 in 100 (1%) but greater than or equal to 1 in 1000 (0.1%) in any given year.

Medium - The chance of flooding from rivers or the sea is considered to be less than 1 in 30 (3.3%) but greater than 1 in 100 (1%) in any given year.

High - The chance of flooding from rivers or the sea is considered to be greater than or equal to 1 in 30 (3.3%) in any given year. FRAW (sea):

Very Low - The chance of flooding from the sea is considered to be less than 1 in 1000 (0.1%) in any given year.

Low - The chance of flooding from the sea is considered to be less than 1 in 200 (0.5%) but greater than or equal to 1 in 1000 (0.1%) in any given year.

Medium - The chance of flooding from the sea is considered to be less than 1 in 30 (3.3%) but greater than 1 in 200 (0.5%) in any given year.

High - The chance of flooding from the sea is considered to be greater than or equal to 1 in 30 (3.3%) in any given year.

Historic flood events

Over 86,000 events are recorded within this database. This data is used to understand where flooding has occurred in the past and provides details as available. Absence of a historic flood event for an area does not mean that the area has never flooded, but only that Environment Agency/Natural Resources Wales do not currently have records of flooding within the area. Equally, a record of a flood footprint in previous years does not mean that an area will flood again, and this information does not take account of flood management schemes and improved flood defences.

Surface water flooding

Ambiental Risk Analytics surface water flood map identifies areas likely to flood following extreme rainfall events, i.e. land naturally



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vulnerable to surface water or "pluvial" flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1000 year rainfall events. The flood risks for these rainfall events are reported where the depth would be greater than the threshold for a standard property to modern building standards. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though older ones may even flood in a 1 in 5 year rainstorm event.

Proposed flood defences

The data includes all Environment Agency/Natural Resources Wales's projects over £100K that will change or sustain the standards of flood defence in England and Wales over the next 5 years. It also includes the equivalent schemes for all Local Authority and Internal Drainage Boards.

Flood storage areas

Flood Storage Areas may also act as flood defences. A flood storage area may also be referred to as a balancing reservoir, storage basin or balancing pond. Its purpose is to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel. It may also delay the timing of a flood peak so that its volume is discharged over a longer time interval. These areas are also referred to as Zone 3b or 'the functional floodplain' and has a 5% or greater chance of flooding in any given year, or is designed to flood in the event of an extreme (0.1%) flood or another probability which may be agreed between the Local Planning Authority and Environment Agency/Natural Resources Wales, including water conveyance routes. Development within Flood Storage Areas is severely restricted.

Groundwater flooding

Groundwater flooding is flooding caused by unusually high groundwater levels. It occurs as excess water emerging at the ground surface or within underground structures such as basements. Groundwater flooding tends to be more persistent than surface water flooding, in some cases lasting for weeks or months, and it can result in significant damage to property. This risk assessment is based on a 5m Digital Terrain Model (DTM) and 1 in 100 year and 1 in 250 year return periods.

Conservation Area data limitations

Please note the Conservation Area data is provided by Historic England and individual Local Authorities. Due to different methodologies used by different Local Authorities the data may be incomplete. We recommend reviewing your local search for confirmation.

Subsidence data limitations

The natural ground subsidence assessment is based on the British Geological Survey's GeoSure data. GeoSure is a natural ground stability hazard susceptibility dataset, based on the characteristics of the underlying geology, rather than an assessment of risk. A hazard is defined as a potentially damaging event or phenomenon, where as a risk is defined as the likelihood of the hazard impacting people, property or capital. The GeoSure dataset consists of six data layers for each type of natural ground subsidence hazard. These are shrink-swell clay, landslide, compressible ground, collapsible ground, dissolution of soluble rock and running sand. Each hazard is then provided with a rating on is potential to cause natural ground subsidence. This rating goes from A-E, with A being the lowest hazard, E being the highest. Groundsure represent full GeoSure data as either Negligible (ratings of A), Very Low (ratings of B), Low (C), Moderate (D) or High (E). Where GeoSure Basic is instead used, ratings are displayed as Negligible-Very Low (A or B ratings), Low (C) or Moderate-High (D or E). The GeoSure data only takes into account the geological characteristics at a site. It does not take into account any additional factors such as the characteristics of buildings, local vegetation including trees or seasonal changes in the soil moisture content which can be related to local factors such as rainfall and local drainage. These factors should be considered as part of a structural survey of the property carried out by a competent structural surveyor. For more information on the "typical safe distance" trees should be from a property please see this guide:

www.abi.org.uk/globalassets/sitecore/files/documents/publications/public/migrated/home/protecting-your-home-from-subsidence-damage.pdf https://documents/publications/public/migrated/home/protecting-your-home-from-subsidence-damage.pdf





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ClimateIndex™ data and limitations

Groundsure's ClimateIndex™ is an assessment of the physical risk to the property from hazards which may be exacerbated by climate change. It considers the following hazards only:

- River flooding
- Flooding from the sea and tidal waters
- Surface water flooding
- Shrink swell subsidence
- Coastal erosion

These hazards are assessed using a weighted sum model, which allows for the consistent comparison of hazards between different time periods, emissions scenarios and the relative severity of predicted impacts. All flood and subsidence impacts have been produced using the latest UKCP18 climate prediction models. Assessments are provided for the short term (c.5 years) and medium term (c.30 years) only. A range of Representative Concentration Pathways (RCPs)

have been used depending on the source dataset and its derivation. For example, flood data has been provided for RCP2.6, 4.5 and 8.5, whereas subsidence data has been derived using local projections only available for RCP8.5. Each RCP variance has been assigned an appropriate weighting in the calculator to reflect the relative likelihood of that scenario and where a full range of RCP scenarios is not available Groundsure have extrapolated to give equivalent values.

The banding applied to a property reflects its current and future risk from the hazards identified above. If a property's banding does not change from the present day to the medium term, the property's risk profile is not considered likely to be affected by climate change, though risks may still be present. Any increase in the banding of a property indicates that the property has the potential to be affected by climate change.

Band	Description	Short term (c.5 year)	Medium term (c.30 year)
Α	No risks of concern predicted	76%	75%
В	Minor risks e.g. low level surface water flooding	15%	15%
С	Minor to moderate risks e.g. river flood event above property threshold	4%	4%
D	Moderate risks e.g. above threshold flood events and significant increase in subsidence potential	2%	2%
Е	Significant risks e.g. multiple flood risks above property threshold	2%	2%
F	Severe risks to property e.g. coastal erosion risk	1%	2%

Approximate percentage of properties falling into each band. The figures have been calculated based on an assessment of residential properties only.





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Energy Performance

To provide details of a property-specific Energy Performance Certificate (EPC), when they are present and required, we use the address and site boundary provided with the order to assign to one or more Unique Property Reference Numbers (UPRNs). These are unique identifiers curated and managed by Ordnance Survey / local councils. We will use the address provided to attempt to match to a single UPRN or the site boundary to match to all the UPRNs that fall within the site boundary. The UPRNs are then used to match EPCs to a property. Although Groundsure has invested significant resources to develop an accurate UPRN matching solution, it is possible in some cases that a UPRN could be matched incorrectly. It is encouraged that you verify the EPC used in this report against the online register on gov.uk's Find an energy certificate service to check 1) the address is correct, and 2) the most recent EPC certificate has been reviewed. If a more recent EPC exists for the property, then this latest certificate must be relied upon rather than the information summarised in this report.

Where more than one UPRN and associated EPC have been found relating to the property we will summarise the key information relating to each of the EPCs in tables (one table for non-domestic EPCs and another for domestic EPCs). We have capped the number of EPCs that we summarise in each of the tables at 50. Beyond this number we will provide a total count of domestic and/or non-domestic EPCs that matched to the site. If you require more detail regarding all the EPCs found in these cases we can provide this on request as an addendum to the report.



Screening

Conveyancing Information Executive and our terms & conditions

IMPORTANT CONSUMER PROTECTION INFORMATION

This search has been produced by Groundsure Ltd, Nile House, Nile Street, Brighton, BN1 1HW. Tel: 01273 257 755. Email: info@groundsure.com ↗. Groundsure adheres to the Conveyancing Information Executive Standards.

The Standards

- Conveyancing Information Executive Members shall act in a professional and honest manner at all times in line with the Conveyancing Information Executive Standards and carry out the delivery of the Search with integrity and due care and skill.
- Compliance with the Conveyancing Information Executive Standards will be a condition within the Conveyancing Information Executive Member's Terms and Conditions.
- Conveyancing Information Executive Members will promote the benefits of and deliver the Search to the agreed standards and in the best interests of the customer and associated parties.

Complaints Advice

If you have a query or complaint about your search, you should raise it directly with the search firm, and if appropriate ask for any complaint to be considered under their formal internal complaints procedure.

If you remain dissatisfied with the firm's final response, after your complaint has been formally considered, or if the firm has exceeded the response timescales, you may refer your complaint for consideration under The Property Ombudsman scheme (TPOs). The Ombudsman can award up to £5,000 to you if the Ombudsman finds that you have suffered actual financial loss and/or aggravation, distress or inconvenience as a result of your search provider failing to keep to the Standards.

Please note that all queries or complaints regarding your search should be directed to your search provider in the first instance, not to TPOs.

COMPLAINTS PROCEDURE: If you want to make a complaint, we will:

- acknowledge it within 5 working days of receipt
- normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- liaise, at your request, with anyone acting formally on your behalf

Complaints should be sent to:

Operations Director, Groundsure Ltd, Nile House, Nile Street, Brighton, BN1 1HW. Tel: 01273 257 755. Email: info@groundsure.com ✓ If you are not satisfied with our final response, or if we exceed the response timescales, you may refer the complaint to The Property Ombudsman scheme (TPOs): Tel: 01722 333306, E-mail: admin@tpos.co.uk ↗ We will co-operate fully with the Ombudsman during an investigation and comply with their final decision.

Groundsure's Terms and Conditions can be viewed online at this link: www.groundsure.com/terms-and-conditions-april-2023/

Important consumer protection information

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Data providers

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

Contact us with any questions at:

info@groundsure.com ↗

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