

# Ground Stability Residential

## <0.25Ha

### Ground Stability

FUTURE  
CLIMATE INFO

#### ▶ Report Details

**Address:**

Sample, Sample

**Requested by:**

Sample

**Grid Reference:**

E: 123456 | N: 123456

**Date:**

30/09/2021

**Report Reference:**

Sample

**Report ID:**

73178

#### ▶ Professional Opinion

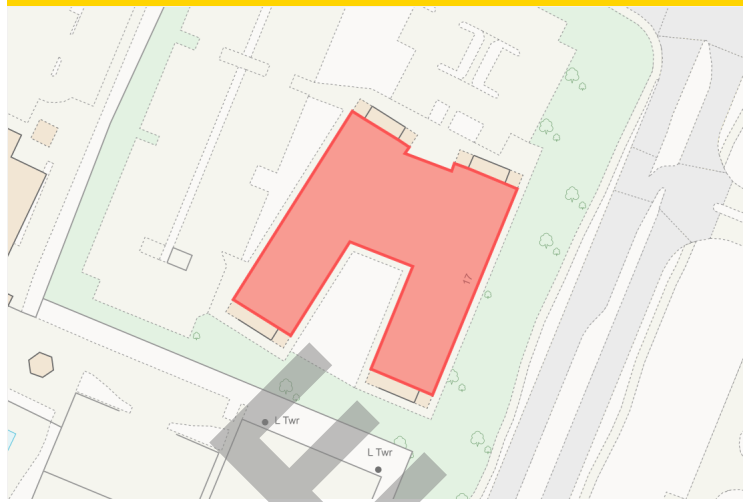
### 1. GROUND STABILITY

PASS

▶ **Consideration(s):**

1.05 Consult Surveyor

#### ▶ Subject Site



Air Quality Index: **Now available in FCI Premium searches**

This page should always be read in conjunction with the full report. The Professional Opinion indicates the potential risks and any other potential issues associated with the property. The results should be disclosed to client and/or lender and/or insurer as appropriate.

- A **'Pass'** is given if no potential property specific risk has been identified.
- A **'Pass with Considerations'** is given where there are potential hazards in the locality to bear in mind, or if there are features nearby which some clients might consider could affect them.
- A **'Further Action'** is given if there is a potential property specific risk and a further action is advised.

In the event of a request to review the Professional Opinion based on additional information, or if there are any technical queries, the professional advisor who ordered the report should contact us at [info@futureclimateinfo.com](mailto:info@futureclimateinfo.com), or call us on 01732 755 180.

SAMPLE

**Assessed by:**

*FCI Risk Team*

[www.futureclimateinfo.com/team](http://www.futureclimateinfo.com/team)



Regulated by RICS

If you require assistance, please contact your Search Provider or alternatively contact FCI directly with your Report ID.  
Tel: 01732 755 180 | Email: [info@futureclimateinfo.com](mailto:info@futureclimateinfo.com) | Web: [www.futureclimateinfo.com](http://www.futureclimateinfo.com)

### 1. GROUND STABILITY

#### 1.01 Professional Advice

For professional advice and guidance relating to the impact of any ground stability issues on your property please contact a Chartered Building Surveyor. For help on any specialist services that may be needed please go to [www.subsidenceupport.co.uk](http://www.subsidenceupport.co.uk)

#### 1.02 Property Subsidence Assessment - Clay Shrink-Swell

**PASS**

Shrink-swell refers to a change in soil volume as its moisture content changes. Clay-rich soils can absorb lots of water causing them to swell, the ground to rise and overlying structures to lift. This is known as heave. Heave can occur in wetter weather, or where excess water is introduced into the ground by damaged sewer or water pipes. In prolonged dryer weather, or where nearby trees and shrubs have high water demands, clay soils can become very dry. As a result, the ground shrinks, leading to subsidence. Shrink/swell-prone soils are found extensively across England and Wales, with soil shrinkage accounting for approximately 75% of all instances of subsidence.

The British Geological Survey (BGS) Property Subsidence Assessment dataset is a national assessment of Shrink-Swell susceptibility. As well as soil-type, it factors key environmental drivers such as the proximity of trees and the resilience of the property itself to cope with any movement (e.g. age, foundation depth). This provides a more property-specific assessment of susceptibility to shrink-swell related subsidence than considering geology alone.

The Property Subsidence Assessment data provided by the BGS indicates that the property is classified as having a **Non-Plastic** hazards score. This indicates the underlying geology is non-plastic and therefore cannot undergo any change in volume and therefore cannot have shrink-swell related subsidence.

#### 1.03 Geohazards | Collapsible Deposits

**PASS**

The British Geological Survey indicates that the property is not within 50 metres of an area where there are likely to be natural deposits with the potential to collapse and cause subsidence damage when saturated and loaded by a building or structure.

#### 1.04 Geohazards | Compressible Ground

**PASS**

The British Geological Survey indicates that the property is not within 50 metres of an area where there may be problems due to compressible ground.

#### 1.05 Geohazards | Running Sand

**PASS (WITH CONSIDERATIONS)**

The British Geological Survey indicates that the property is within 50 metres of an area where there is the possibility for sand to be fluidised by water and 'run', with the potential to remove support from overlying buildings and cause subsidence damage.

**CONSIDERATIONS:** Normal maintenance to avoid leakage of water-bearing services or water bodies (ponds, swimming pools) should prevent any problems related to running sands.

Certain constraints may apply to land uses involving excavation or the addition or removal of water.

#### 1.06 Mapped Landslides

**PASS**

The British Geological Survey indicates that the property is not located within 25 metres of an area which has observed landslide features. Please note that these features have not been routinely recorded on geological maps, and so their absence does not indicate that landslides have not occurred or may not occur in the future.

#### 1.07 Landslips/slides | Slope Instability

**PASS**

The British Geological Survey indicates that the property is located on or within 50 metres of an area where slope instability problems are not likely to occur.

### 1.08 Mining | Cheshire Brine Compensation Area

PASS

The Coal Authority indicates that the property is not located within 25 metres of a Cheshire Brine Compensation District.

### 1.09 Mining | Coal Mining

PASS

The Coal Authority indicates that the property is not within 25 metres of an area that may be affected by Coal Mining.

### 1.10 Mining | Mining Cavities (Non-Coal)

PASS

Peter Brett Associates indicates that the property is not located within 25 metres of an area that may be affected by non-coal mining cavities.

### 1.11 Mining | Hazards (Non-Coal)

PASS

The British Geological Survey indicates that the property is located within 50 metres of an area where sporadic underground mining of restricted extent may have occurred. potential for difficult ground conditions are unlikely and localised and are at a level where they need not be considered.

The Presence of past underground mining is not known to have occurred. Areas are categorized on the basis that the rock type present are known to have been worked in other areas. Areas therefore have the potential for underground mining but there is little or not evidence of mining activity. It should be noted, however, that there is always the possibility of the existence of other sub-surface excavations, such as wells, cess pits, follies, air raid shelters/bunkers and other military structures etc. that could affect surface ground stability but which are outside the scope of this dataset.

### 1.12 Modified Ground | Artificial Deposits

PASS

The British Geological Survey indicates that the property is not located within 25 metres of an area where the surface has been observed to have been significantly modified by human activity, such as spoil heaps or railway cuttings. Please note that these features have not been routinely recorded on geological maps, and so their absence does not indicate that this type of modified ground is not present.

### 1.13 Modified Ground | Historical Analysis

PASS

Analysis of historical maps indicates the property is not located on or within of an area where there may be modified ground.

### 1.14 Natural Cavities & Soluble Rocks

PASS

Data from the British Geological Survey and Peter Brett indicates that the property is not within 50 metres of an area where there is localised subsidence or the risk of natural cavities or sink holes occurring naturally.

### 1.15 Checked Datasets

The dataset categories analysed in this section are listed below. For more information, please visit our website.

Property Subsidence Assessment - Clay Shrink-Swell

Geohazards | Compressible Ground

Mapped Landslides

Mining | Cheshire Brine Compensation Area

Mining | Mining Cavities (Non-Coal)

Modified Ground | Artificial Deposits

Natural Cavities & Soluble Rocks

Geohazards | Collapsible Deposits

Geohazards | Running Sand

Landslips/slides | Slope Instability

Mining | Coal Mining

Mining | Hazards (Non-Coal)

Modified Ground | Historical Analysis

## 2. NOTES & GUIDANCE

### 2.01 Report Notes

### METHODOLOGY

This report is a desk study risk assessment, and no site or ground inspection or physical investigation has been carried out. The impacts of the risks addressed in this report are normally measured in terms of quiet enjoyment, saleability, mortgageability, and the value of the property; the risk assessment in this report is provided by FCI who are regulated by RICS.

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### 2.02 Standard

### T&Cs, QUERIES & COMPLAINTS

This report is supplied by Future Climate Info Limited subject to Terms and Conditions of Business, available at <https://futureclimateinfo.com/wp-content/uploads/2021/09/FCI-terms-and-conditions-v050821a.pdf>. In the event of product and content queries please contact [admin@futureclimateinfo.com](mailto:admin@futureclimateinfo.com). Our formal complaints procedure can be found at <http://www.futureclimateinfo.com/complaints>.

### 2.03 Search Code

### CONSUMER INFORMATION

#### IMPORTANT CONSUMER PROTECTION INFORMATION

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The Search Code:

- Provides protection for homebuyers, sellers, estate agents, conveyancers and mortgage lenders who rely on the information included in property search reports undertaken by subscribers on residential and commercial property within the United Kingdom.
- Sets out minimum standards which firms compiling and selling search reports have to meet.
- Promotes the best practice and quality standards within the industry for the benefit of consumers and property professionals.
- Enables consumers and property professionals to have confidence in firms which subscribe to the code, their products and services.

By giving you this information, the search firm is confirming that they keep to the principles of the Code. This provides important protection for you.

#### The Code's core principles

Firms which subscribe to the Search Code will:

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- act with integrity and carry out work with due skill, care and diligence
- at all times maintain adequate and appropriate insurance to protect consumers
- conduct business in an honest, fair and professional manner
- handle complaints speedily and fairly

- ensure that products and services comply with industry registration rules and standards and relevant laws
- monitor their compliance with the Code

### Complaints

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 compensation of 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 Code.

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

### TPOs Contact Details:

The Property Ombudsman scheme, Milford House, 43-55 Milford Street, Salisbury, Wiltshire SP1 2BP  
Tel: 01722 333306, Fax: 01722 332296, Email: [admin@tpos.co.uk](mailto:admin@tpos.co.uk), Web: <https://www.tpos.co.uk/>  
You can get more information about the PCCB from [www.propertycodes.org.uk](http://www.propertycodes.org.uk)

PLEASE ASK YOUR SEARCH PROVIDER IF YOU WOULD LIKE A COPY OF THE SEARCH CODE

## 2.04 Report Licensing

## METHODOLOGY

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## 3. USEFUL CONTACTS

Local Authority : Tonbridge and Malling Borough Council  
Tel: 01732 844 522  
Visit: <http://www.tmbc.gov.uk/>

Environment Agency | | North Lutra House, Dodd Way, Off Seedlee Road, Bamber Bridge, Preston. PR5 8BX  
Tel: 08708 506 506  
Visit: [www.environment-agency.gov.uk](http://www.environment-agency.gov.uk)  
Email: [enquiries@environment-agency.gov.uk](mailto:enquiries@environment-agency.gov.uk)

Natural Resources Wales  
Tel: 0300 065 3000  
Visit: <http://naturalresources.wales/>  
Email: [enquiries@naturalresourceswales.gov.uk](mailto:enquiries@naturalresourceswales.gov.uk)

JBA Risk Management Ltd | 1 Broughton Park, Old Lane North, Broughton, Skipton, North Yorkshire. BD23 3FD  
Tel: 01756 799919

Public Health England | Wellington House, 133-155 Waterloo Road, London. SE1 8UG  
Tel: 020 7654 8000  
Visit: <https://www.gov.uk/government/organisations/public-health-england>  
Email: [enquiries@phe.gov.uk](mailto:enquiries@phe.gov.uk)

Public Health Wales | 2 Capital Quarter, Tyndall Street, Cardiff, CF10 4BZ  
Tel: 029 2022 7744  
Visit: <http://phw.nhs.wales/>

The Coal Authority Property Search Services | 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire. NG18 4RG  
Tel: 0845 762 6848

Visit: [www.groundstability.com](http://www.groundstability.com)  
Email: [groundstability@coal.gov.uk](mailto:groundstability@coal.gov.uk)

The British Geological Survey | Environmental Research Centre, Keyworth, Nottingham, NG12 5GG  
Tel: 0115 936 3143  
Visit: <http://www.bgs.ac.uk/>  
Email: [enquiries@bgs.ac.uk](mailto:enquiries@bgs.ac.uk)

Ordnance Survey | Customer Services Ordnance Survey Adanac Drive Southampton SO16 0AS  
Tel: 08456 05 05 05  
Visit: [www.ordnancesurvey.co.uk/](http://www.ordnancesurvey.co.uk/)

Department for Business, Energy & Industrial Strategy | 1 Victoria Street London SW1H 0ET  
Tel: 020 7215 5000  
Email: [enquiries@beis.gov.uk](mailto:enquiries@beis.gov.uk)

HomeProtect | HomeProtect, PO Box 1124, Kingston upon Thames, KT1 1XT  
Tel: 0330 660 3600  
Visit: [www.homeprotect.co.uk/floodcover](http://www.homeprotect.co.uk/floodcover)  
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