







Homecheck Mining & Subsidence

Ground Stability Hazards

	Former Mining	IDENTIFIED
	Brine Extraction and Salt Mining	NONE IDENTIFIED
	Landfill Sites and Infilled Ground	IDENTIFIED
	Natural Ground Stability Hazards	IDENTIFIED

Insurance

	Coal Mining Subsidence Damage Claims	NONE IDENTIFIED
	Insurance Claims from Subsidence	IDENTIFIED

This report is issued for the property described as:
Sample House, Sample Street
Anytown, UK

Report Reference:
120093347

National Grid Reference:
515420 208420

Customer Reference:
Sample Report

Report Date:
23 August 2017

CONTACT DETAILS

 If you require any assistance please contact our customer support team on:

0844 844 9966

 or by email at:
helpdesk@landmark.co.uk

Professional Opinion and Next Steps

Please see below our Professional Opinion and Next Steps with regards to the property. These may be copied into your Report on Title if you wish.



Former Mining

IDENTIFIED

Professional Opinion

Landmark Information have identified the following former mining features:

The property has been identified in an area that might have been used for mining other than coal in the past.

Ground cavities that have been created as a result of man-made activities have been identified in the area.

Next Steps

As the property has been identified in an area that may have been used for mining you may want to consult a local RICS accredited surveyor and/or review any available geotechnical surveys. Further information may be available from the Minerals and Waste Officer at the County Council and the Local Building Controls Officer.



Brine Extraction and Salt Mining

Professional Opinion

Landmark Information have not identified any areas of former brine pumping or salt mining at the property.

Next Steps

None Required.



Landfill Sites and Infilled Ground

IDENTIFIED

Professional Opinion

Landmark Information have identified the following areas of infilled ground:

A search of historical mapping indicates that there is some unknown infilled ground at the property.

Next Steps

As the property has been built on an area of infilled ground you should contact Building Control at the Local Authority in order to check whether the property was constructed to a standard that will minimize the risk of structural damage. Alternatively, you may want to contact a RICS accredited surveyor to find out if there are known to be problems in the area or to conduct an assessment of your house.



Natural Ground Stability Hazards

IDENTIFIED

Professional Opinion

Landmark Information have identified natural ground stability hazards at or close to the site.

Ground cavities that have been created as a result of the presence of natural processes have been identified in the area.

Professional Opinion and Next Steps

Next Steps

The property is in an area where natural ground instability hazards could occur. If any active ground instability appears to be affecting your property, inform your insurance company, mortgage lender, landlord or get specialist advice from a suitably qualified expert such as a structural surveyor, geotechnical engineer or chartered engineering geologist. If active ground instability does not appear to be affecting your property but the area has a potential for instability, this should be taken into account before undertaking any alterations to the existing property.



Coal Mining Subsidence Damage Claims

Professional Opinion

Landmark Information have not identified any damage claims on-site or within 50m of the property that have been handled by the Coal Authority.

Next Steps

None Required.



Insurance Claims from Subsidence

IDENTIFIED

Professional Opinion

Landmark Information have undertaken analysis and identified a very high ratio of valid subsidence claims in the postcode compared to the rest of Great Britain. This may indicate a risk of subsidence at the property.

Next Steps

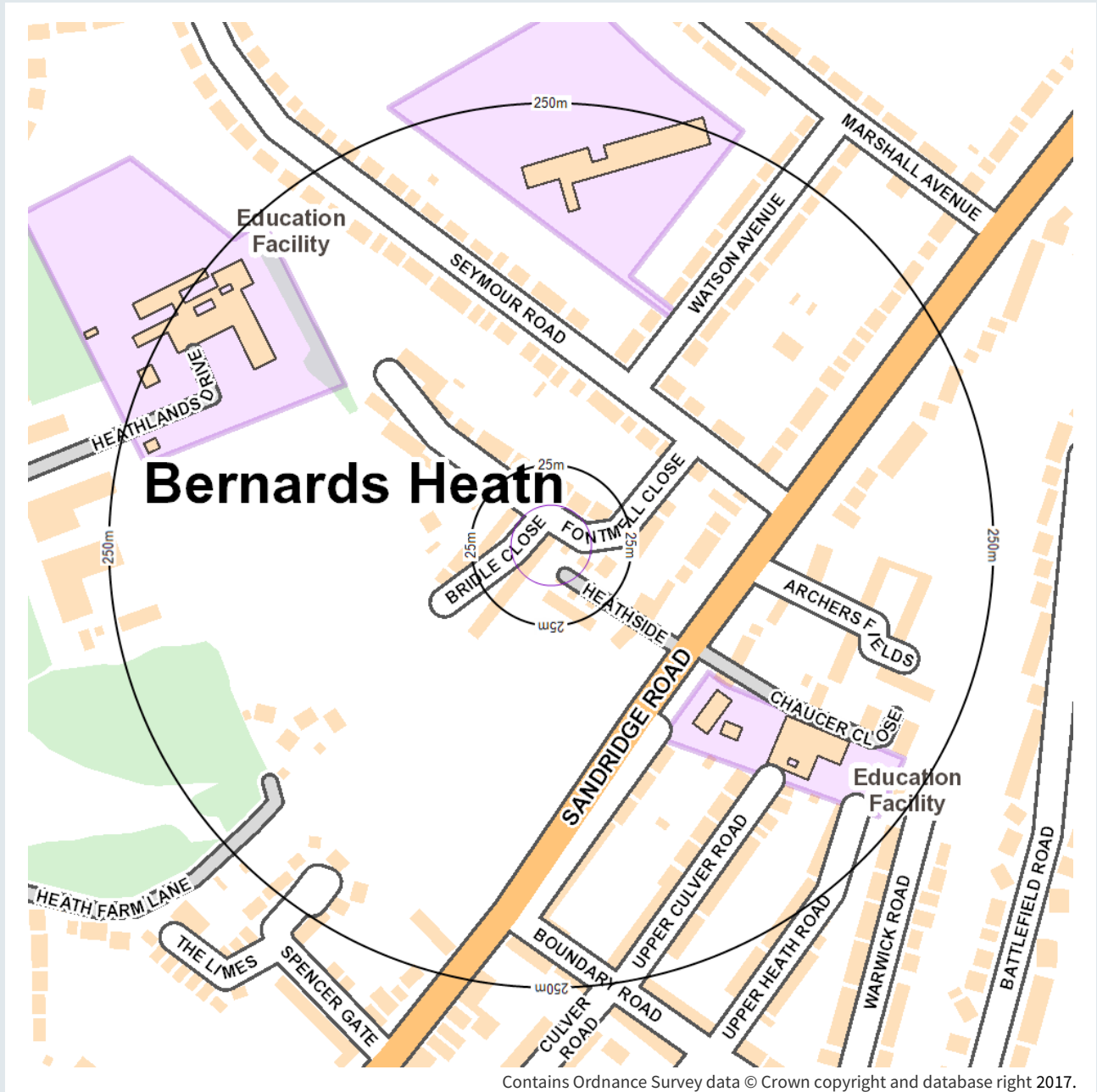
If you are concerned about the possibility of subsidence, inform your insurance company, mortgage lender, landlord or get specialist advice from a suitably qualified expert such as a structural surveyor, geotechnical engineer or chartered engineering geologist. The Royal Institute of Chartered Surveyors (RICS) provide a consumers guide to subsidence which you can see by clicking this link: www.rics.org/Global/RICS-Subsidence.pdf



Property Location



Location Plan

The map below shows the location of the property.



-  Site
-  Search Radii

Property Purchaser Guide



Understanding this report

The purpose of this report is to highlight any potential mining and subsidence hazards in your area. The presence of a hazard could mean that your property is at risk of structural damage from subsidence or heave.

We will state 'NONE IDENTIFIED' on the front page if no hazards have been identified. If we do identify a potential hazard we will state 'IDENTIFIED'. Further guidance about each hazard can be found in the Professional Opinion and Next Steps section as well as throughout the main body of the report.

Former Mining

We search a number of different sources of information to identify areas of past mining. Old mine shafts and tunnels can collapse and damage properties above them. Disturbed ground and spoil tips can also be prone to settlement which could cause structural damage to buildings.

Former Brine Extraction and Salt Mining

We identify areas of historical salt and brine extractions. This type of mining leaves large cavities in the ground which could collapse and cause problems for properties built in the area.

Landfill Sites and Infilled Ground

We identify areas formerly used for landfill and areas of other infilling indicated from historical mapping such as ponds, drains and small pits. Infilled land can be susceptible to settling so any houses that have been built on these areas could experience ground stability problems and subsidence resulting in damage to your property.

Natural Ground Stability Hazards

We identify areas of land that could be prone to ground instability and subsidence as a result of the natural underlying geology. Examples include areas of the UK at a higher risk of landslides or where sink holes could occur.

Insurance Claims from Subsidence

We look at the ratio of valid insurance claims there are in your postcode compared with the rest of Great Britain. Based on this, we will indicate if there is a very high, high, moderate to high or moderate risk of subsidence in the area. We also report on Coal Mining Subsidence Damage Claims. These are claims that have been handled by the Coal Authority.

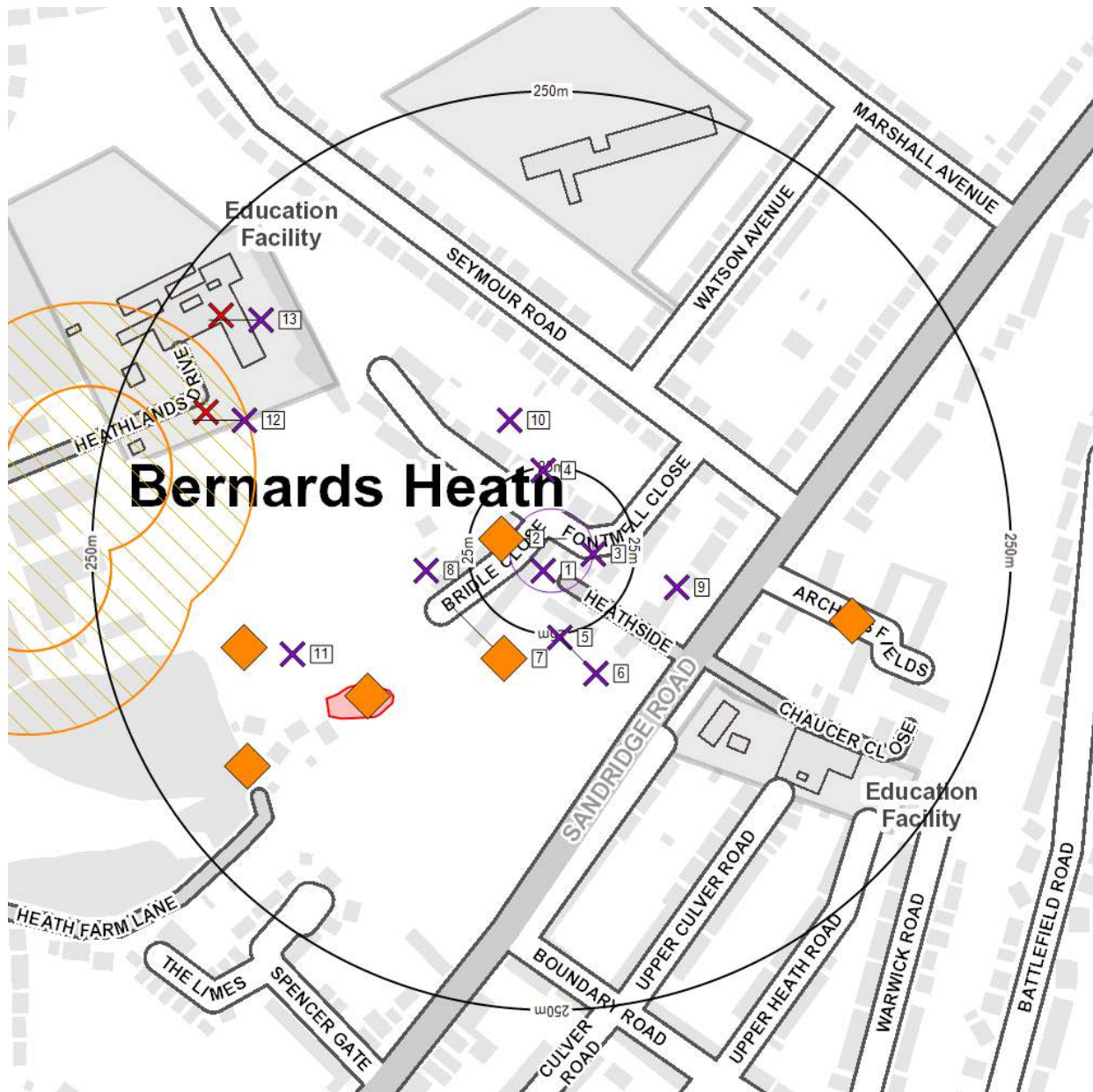
Note: If no features have been found in a section we will not display a map or data table for that section.

Ground Hazards



Former Mining

The map below shows the locations of any areas of potential former mining. We detail the information we believe requires further attention in the tables on the following page and also in the Professional Opinion and Next Steps section.



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- | | | |
|---------------------------|-------------------------------|-------------------|
| 4 Map ID | Coalfield Consultation Area * | ✕ Mining Cavities |
| Multiple Features Present | ✕ Mining from Historical Maps | Other Mining |
| | Other Mining | |

* Data will not be shown on the map unless it intersects the site boundary.

Ground Hazards



Former Mining

The tables below present the findings of all the data that has been searched as part of this section of the assessment.

Question	Response
Is the property within an area where a full coal mining report should be obtained?	No

Question	Response
Is the property within an area where historical mapping indicates that mining activities have taken place?	No

Question	Response
Are there any mineral extraction sites as recorded by the British Geological Survey?	Yes

Map ID	Details	Distance	Contact
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BGS Recorded Mineral Sites

2	Name: Bernard Heath Brick Field Type: Opencast Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Location: , Bernard'S Heath, St Albans, Hertfordshire Status: Ceased Reference: 169539 Positional Accuracy: Located by supplier to within 10m	On Site	1
7	Name: Bernard Heath Brick Field Type: Opencast Periodic Type: Palaeocene Geology: Lambeth Group Commodity: Common Clay and Shale Location: , Bernard'S Heath, St Albans, Hertfordshire Status: Ceased Reference: 169552 Positional Accuracy: Located by supplier to within 10m	45m	1

Question	Response
Is the property within an area where there has been recorded mining activity?	No

Question	Response
Are there any Man-Made Cavities identified within 250m of the property?	Yes

Map ID	Details	Distance	Contact
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Man-Made Mining Cavities

1	Site Name: Not Supplied Cavity Type: Clay Pit Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel	On Site	2
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Ground Hazards

Map ID	Details	Distance	Contact
	Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m		
3	Site Name: Not Supplied Cavity Type: Bell Pit Collapse Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	1m	2
4	Site Name: Not Supplied Cavity Type: Clay Pit Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	24m	2
5	Site Name: Not Supplied Cavity Type: Brick Kiln Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	28m	2
6	Site Name: Not Supplied Cavity Type: Lime Kiln Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	28m	2
8	Site Name: Not Supplied Cavity Type: Old Brick Works, Possible Chalk Mining Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	51m	2
9	Site Name: Not Supplied Cavity Type: Historical Lime Kiln-Potential Chalk Mining Commodity Mined: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Glacial Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	54m	2
10	Site Name: Not Supplied Cavity Type: Historical Brick Field/Extensive Clay Pits-Potential Chalk Mining Commodity Mined: Chalk Solid Geology Detail: Lambeth Group, Upper Chalk Formation Superficial Geology Detail: Glacial Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	57m	2
11	Site Name: Not Supplied Cavity Type: Clay Pit Commodity Mined: Chalk	142m	2

Ground Hazards

Map ID	Details	Distance	Contact
	Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m		
12	Site Name: Not Supplied Cavity Type: Clay Pit Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	204m	2
13	Site Name: Not Supplied Cavity Type: Clay Pit Commodity Mined: Chalk Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: Kesgrave Catchment Subgroup - Sand & Gravel Location: St Albans, Hertfordshire Location Accuracy: Located by supplier to within 100m	223m	2

Question	Response
Is the property identified in an area where there is the potential for mining to have happened in the past?	No
Question	Response
Is the property within an area where there has been mining activities other than coal mining?	No

What are the potential impacts on my property?

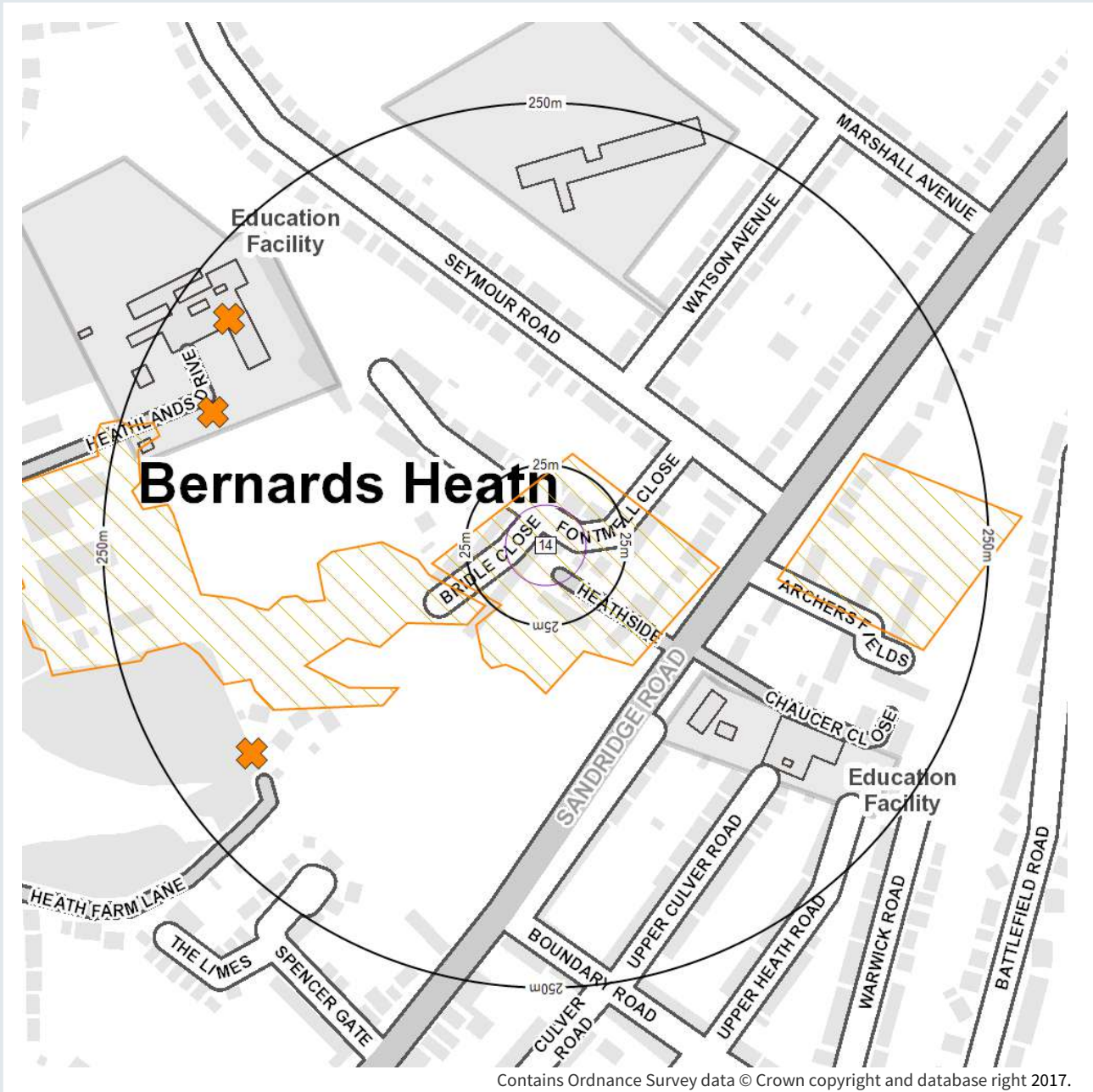
Former mining operations, depending on the method of mining used, have the potential to cause ground instability issues from the collapse of old mine shafts and tunnels. Areas of mining spoil or infilling may also be prone to settling which could result in subsidence.

Ground Hazards



Landfill Sites and Infilled Ground

The map below shows the locations of areas of potential landfill and other infilled and made ground. We detail the information we believe requires further attention in the tables on the following page and also in the Professional Opinion and Next Steps section.



4

Map ID



Multiple Features Present



Landfills



Infilled Land

Ground Hazards



Landfill Sites and Infilled Ground

The tables below present the findings of all the data that has been searched as part of this section of the assessment.

Question	Response
Are any landfill sites identified in the locality of the property?	No

Question	Response
Have any other areas of infilled land been identified in the locality of the property?	Yes

Map ID	Details	Distance	Contact
Potentially Infilled Land (Non-Water)			
14	Details: Unknown Filled Ground (Pit, quarry etc) Map Published Date: 1985	On Site	3

What are the potential impacts on my property?

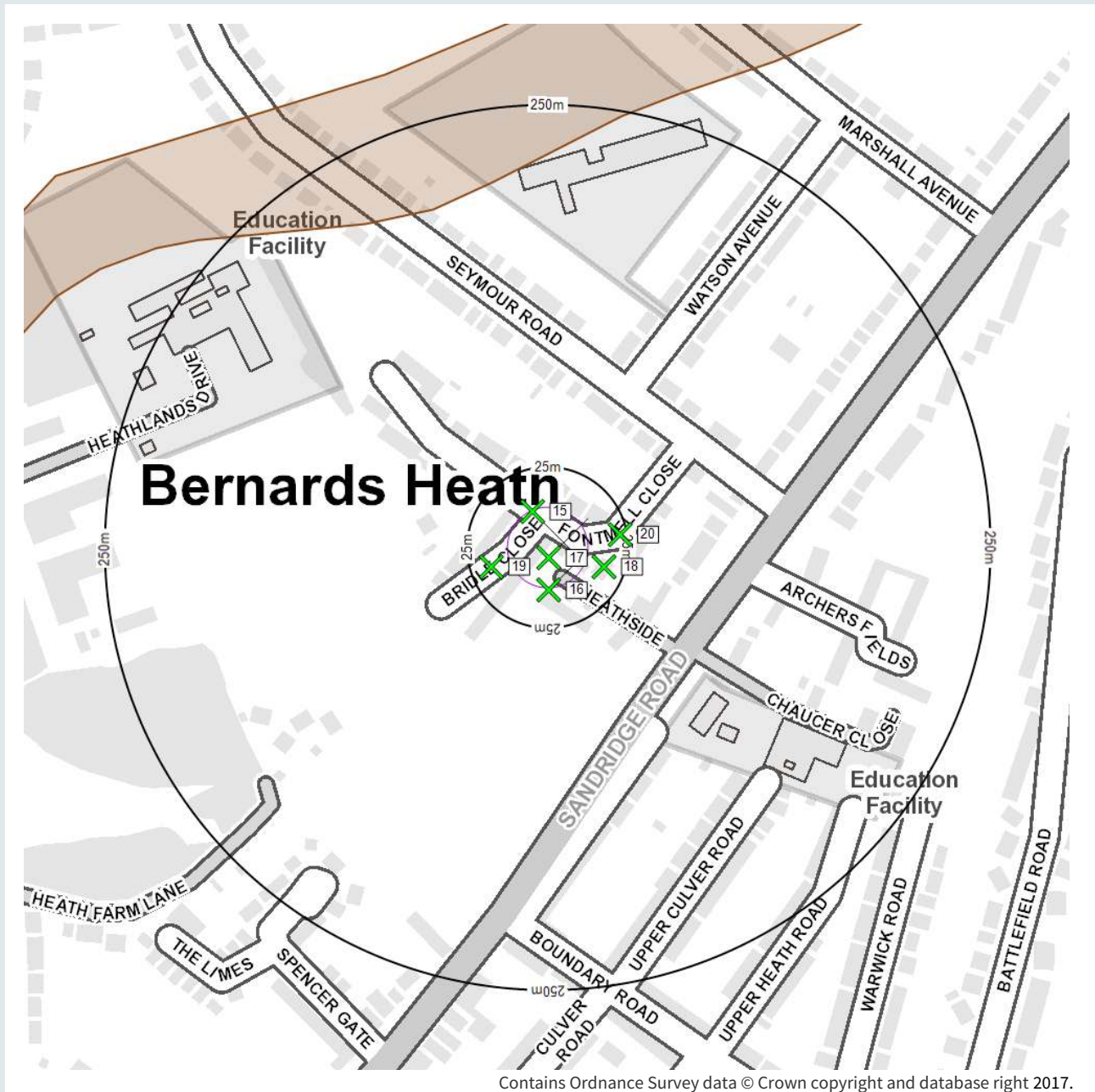
Infilled land or made ground can settle and move if appropriate structural works were not carried out prior to properties being built. Ground compaction or settling could cause subsidence resulting in damage to your property.

Ground Hazards



Natural Ground Stability Hazards

The map below shows the areas where there is the potential for natural ground stability hazards. We detail the information we believe requires further attention in the tables on the following page and also in the Professional Opinion and Next Steps section.



Map ID



Multiple Features Present



BGS Geosure High



BGS Geosure Moderate



Natural Cavities

Ground Hazards



Natural Ground Stability Hazards

The tables below present the findings of all the data that has been searched as part of this section of the assessment.

Question	Response
What is the potential for collapsible ground instability at or close to the property?	Very Low
Question	Response
What is the potential for compressible ground instability at or close to the property?	None
Question	Response
What is the potential for ground dissolution instability at or close to the property?	Low
Question	Response
What is the potential for landslide instability at or close to the property?	Very Low
Question	Response
What is the potential for running sand ground instability at or close to the property?	None
Question	Response
What is the potential for shrinking or swelling clay ground instability at or close to the property?	None
Question	Response
Are there any natural cavities identified within 250m of the property?	Yes

Map ID	Details	Distance	Contact
Natural Cavities			
15	Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	On Site	2
16	Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	1m	2
17	Cavity Type: Solution Widened Joint or Fissure x 1 Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	6m	2
18	Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	13m	2
19	Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	13m	2

Ground Hazards

Map ID	Details	Distance	Contact
20	Cavity Type: Solution Pipe Solid Geology Detail: Chalk Group, Lambeth Group Superficial Geology Detail: No Details Location: St Albans, Hertfordshire	21m	2

Insurance Claims



Insurance Claims from Subsidence

There is no map associated with this section. The tables below present the findings of all the data that has been searched as part of this section of the assessment.

Question	Response
What is the subsidence risk rating based on the ratio of valid subsidence claims history of your postcode compared with the rest of Great Britain?	Very High

What do the risk ratings mean?

The risk ranking represents the ratio of valid subsidence claims located in a postcode expressed as a percentage of the total number of properties found within that postcode as compared to the rest of Great Britain.

Where a notified subsidence claim has been repudiated it is not considered as a valid subsidence claim so is not included in the risk ranking calculation. The analysis is sourced from Crawford and Company Ltd.

Very High: The risk rank of this postcode is within the top 25% of all postcodes that have a recorded history of valid subsidence claims.

High: The risk rank of this postcode falls between 50% and 75% of all postcodes that have a recorded history of valid subsidence claims.

Moderate to High: The risk rank of this postcode falls between 25% and 50% of all postcodes that have a recorded history of valid subsidence claims.

Moderate: The risk rank of this postcode is within the lowest 25% of all postcodes that have a recorded history of valid subsidence claims.

No Claims: No valid subsidence claims have been recorded against this postcode.

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Landmark Information Group

Imperium
Imperial Way
Reading
RG2 0TD

If you require assistance please contact our customer services team on:

0844 844 9966

Or by email at:

helpdesk@landmark.co.uk

Contact	Name	Address	Contact Details
1	British Geological Survey, Enquiry Service	British Geological Survey Kingsley Dunham Centre Keyworth Nottinghamshire NG12 5GG	T: 0115 936 3143 E: enquiries@bgs.ac.uk W: www.bgs.ac.uk
2	Peter Brett Associates	Caversham Bridge House Waterman Place Berkshire RG1 8DN	T: 0118 950 0761 E: reading@pba.co.uk W: www.pba.co.uk
3	Landmark Information Group Limited	Imperium Imperial Way Berkshire RG2 0TD	T: 0844 844 9966 E: helpdesk@landmark.co.uk W: www.landmark.co.uk

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The Property Ombudsman scheme
Milford House
43-55 Milford Street
Salisbury
Wiltshire SP1 2BP
Tel: 01722 333306
Fax: 01722 332296
Web site www.tpos.co.uk
Email: admin@tpos.co.uk

You can get more information about the PCCB from www.propertycodes.org.uk

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

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- Normally deal with it fully and provide a final response, in writing, within 20 working days of receipt
- Keep you informed by letter, telephone or e-mail, as you prefer, if we need more time
- Provide a final response, in writing, at the latest within 40 working days of receipt
- Liaise, at your request, with anyone acting formally on your behalf

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Landmark Information Group Ltd
Landmark UK Property
Imperium
Imperial Way
Reading
RG2 0TD

Tel: 0844 844 9966

Email: helpdesk@landmark.co.uk

Fax: 0844 844 9980

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,

Email: admin@tpos.co.uk

We will co-operate fully with the Ombudsman during an investigation and comply with his final decision.