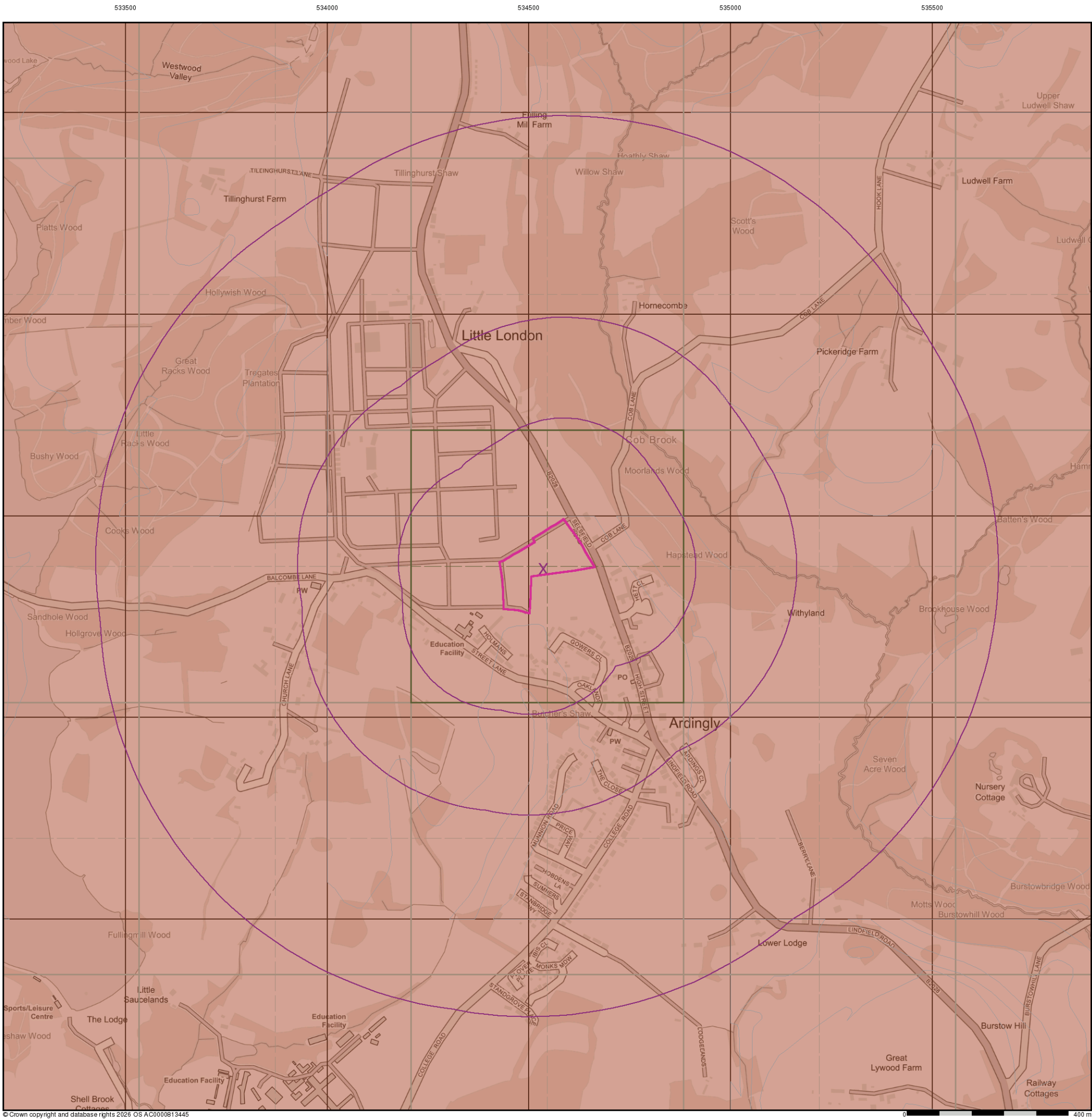


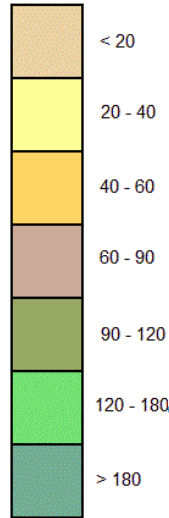


General

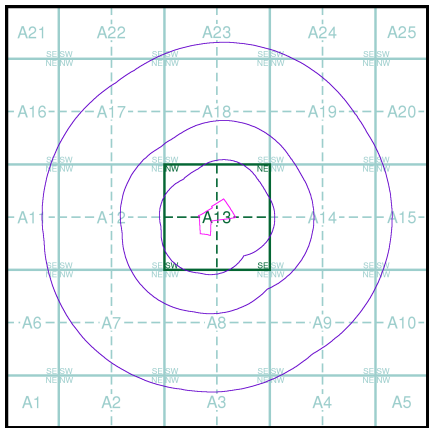
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 402679047_1_1
Customer Ref: 26-186.01
National Grid Reference: 534540, 129870
Slice: A
Site Area (Ha): 2.45
Search Buffer (m): 1000

Site Details

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL



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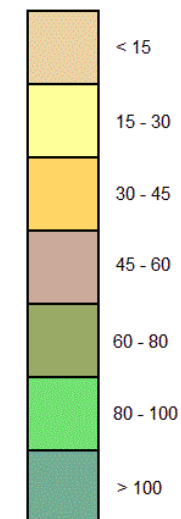


General

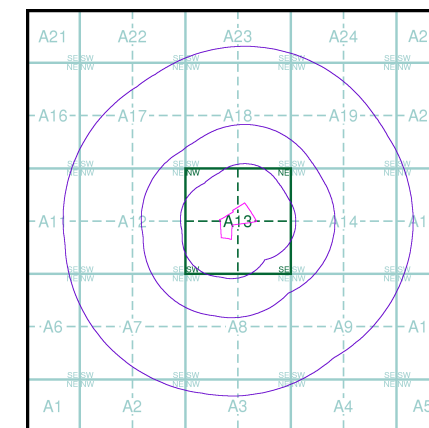
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

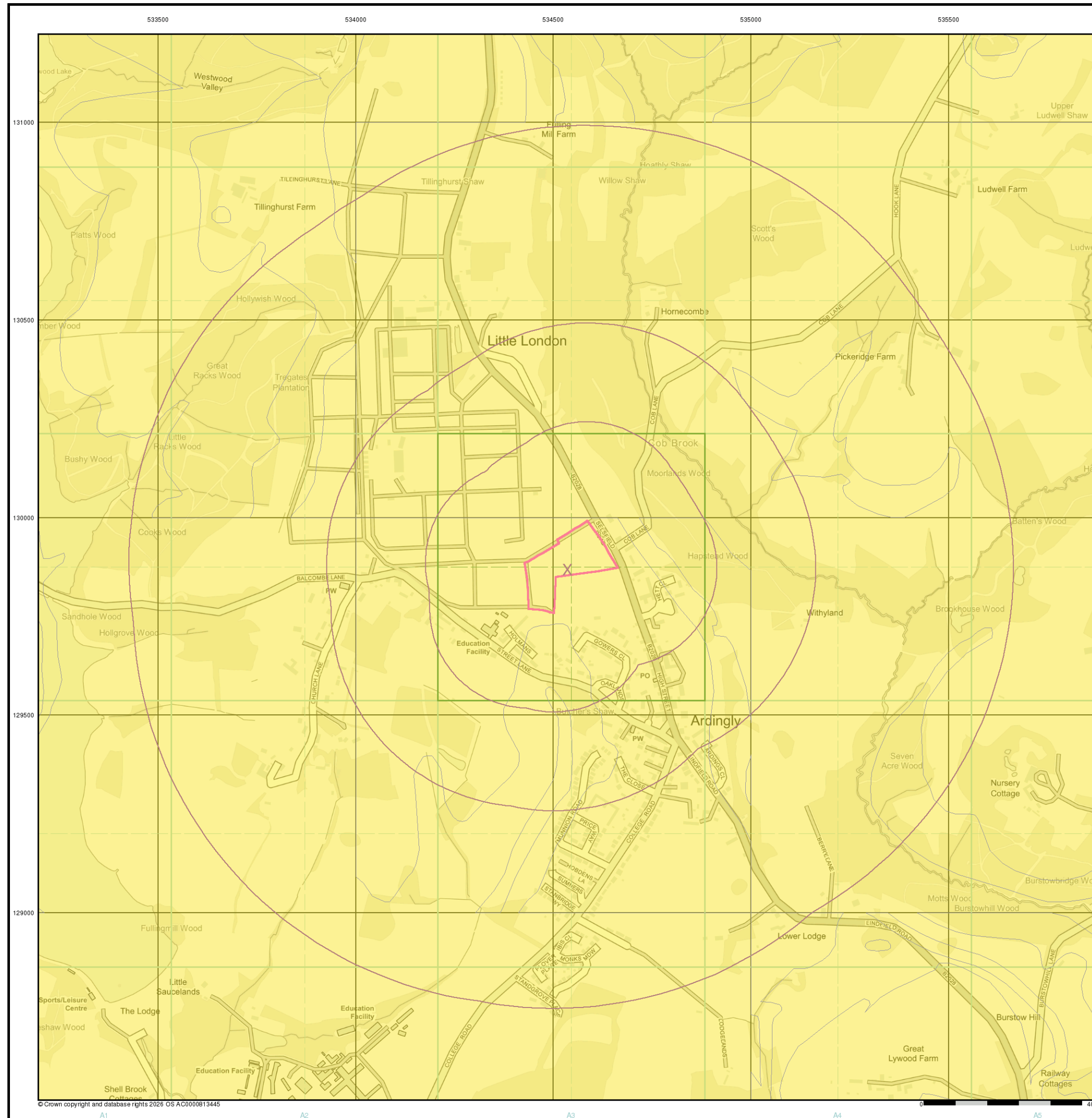
Order Details: 402679047_1_1
Customer Ref: 26-186.01
National Grid Reference: 534540, 129870
Slice: A
Site Area (Ha): 2.45
Search Buffer (m): 1000

Site Details

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL

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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	SLIP	Landslide Deposit	Clay	Not Supplied - Quaternary

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CKST	CUCKFIELD STONE BED	Sandstone, Calcareous	Not Supplied - Valanginian
	LGRC	Lower Grinstead Clay	Mudstone	Not Supplied - Valanginian
	ARS	ARDINGLY SANDSTONE MEMBER	Sandstone	Not Supplied - Valanginian
	LTW	LOWER TUNBRIDGE WELLS SAND	Sandstone, Siltstone and Mudstone	Not Supplied - Valanginian
	WDC	Wadhurst Clay Formation	Mudstone	Not Supplied - Valanginian
	UGRC	Upper Grinstead Clay	Mudstone	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Sandstone and Siltstone, Interbedded	Not Supplied - Valanginian
	UTW	UPPER TUNBRIDGE WELLS SAND	Mudstone	Not Supplied - Valanginian
	ASD	Ashdown Formation	Sandstone and Siltstone, Interbedded	Not Supplied - Berriasian
		Faults		



Geology 1:50,000 Maps

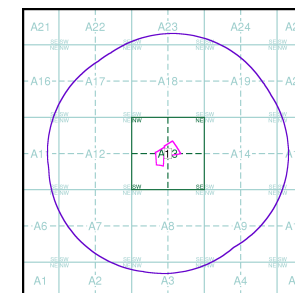
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1
Map Sheet No:	302
Map Name:	Horsham
Map Date:	1972
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A

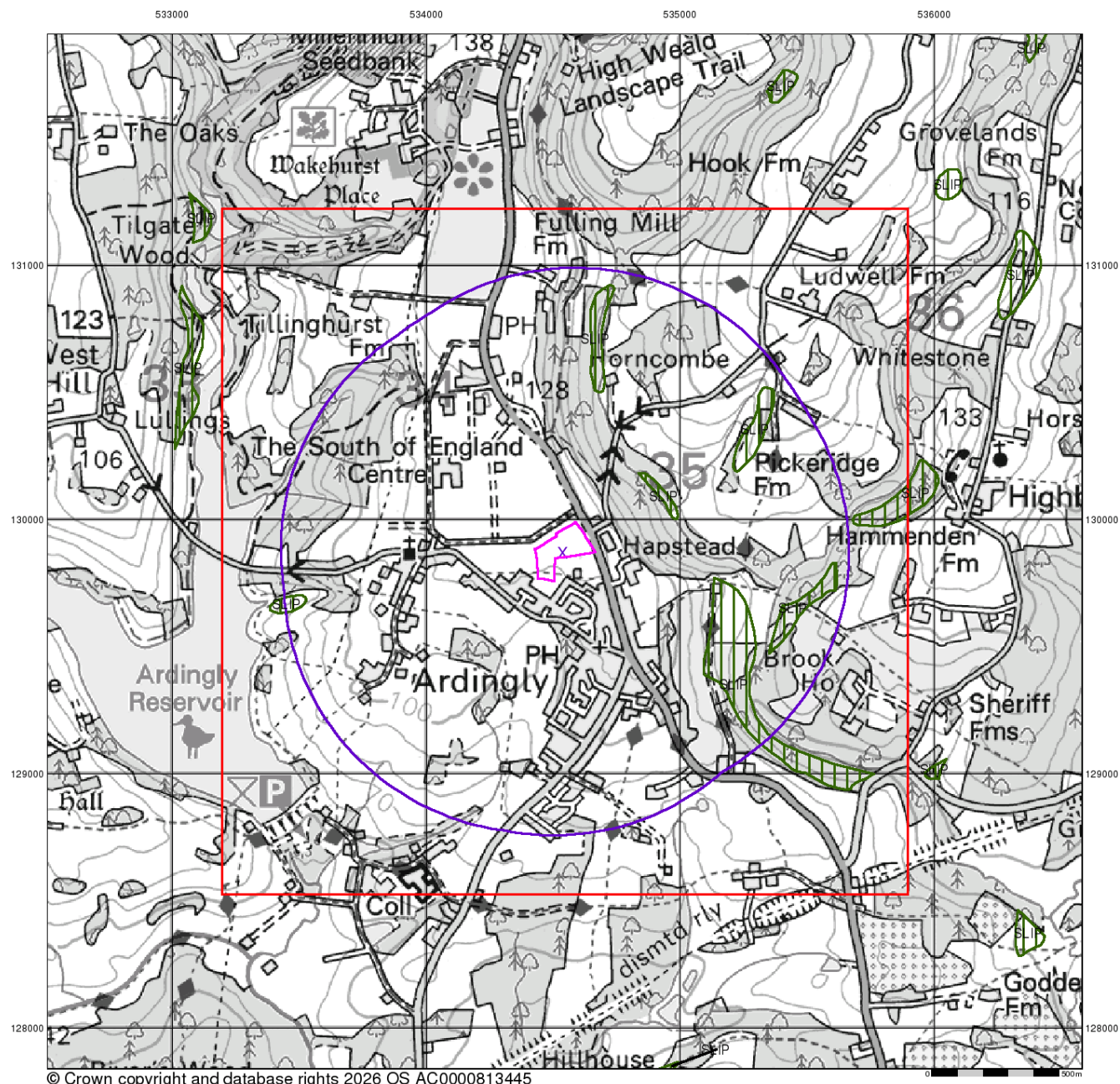


Order Details:

Order Number:	402679047_1_1
Customer Reference:	26-186.01
National Grid Reference:	534540, 129870
Slice:	A
Site Area (Ha):	2.45
Search Buffer (m):	1000

Site Details:

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL



Artificial Ground and Landslip

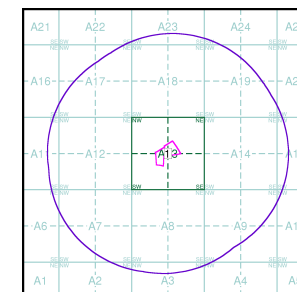
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes foundered strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

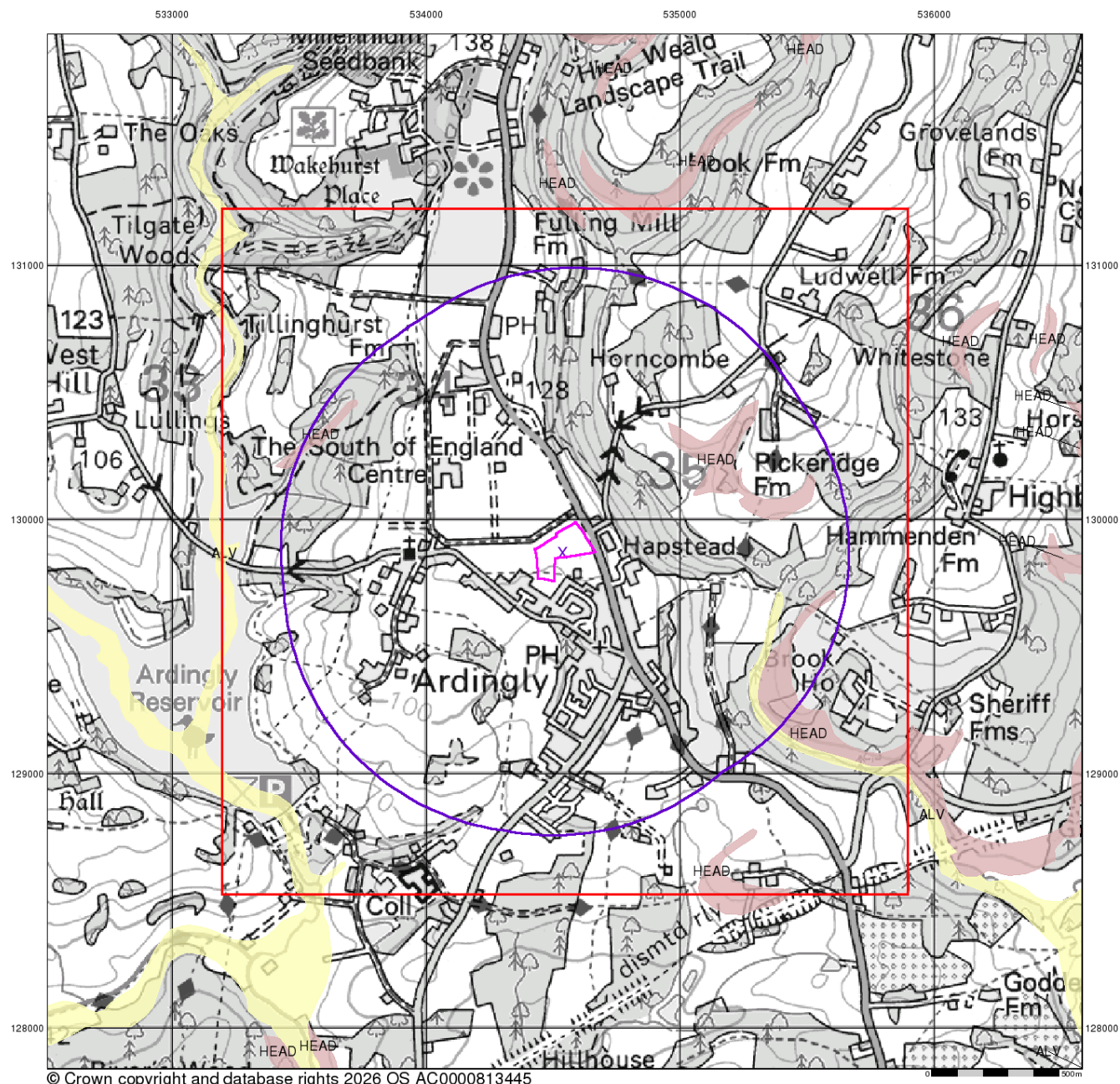
Order Number: 402679047_1_1
 Customer Reference: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details:

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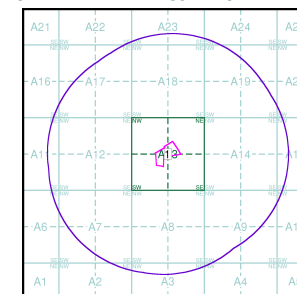
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 402679047_1_1
 Customer Reference: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details:

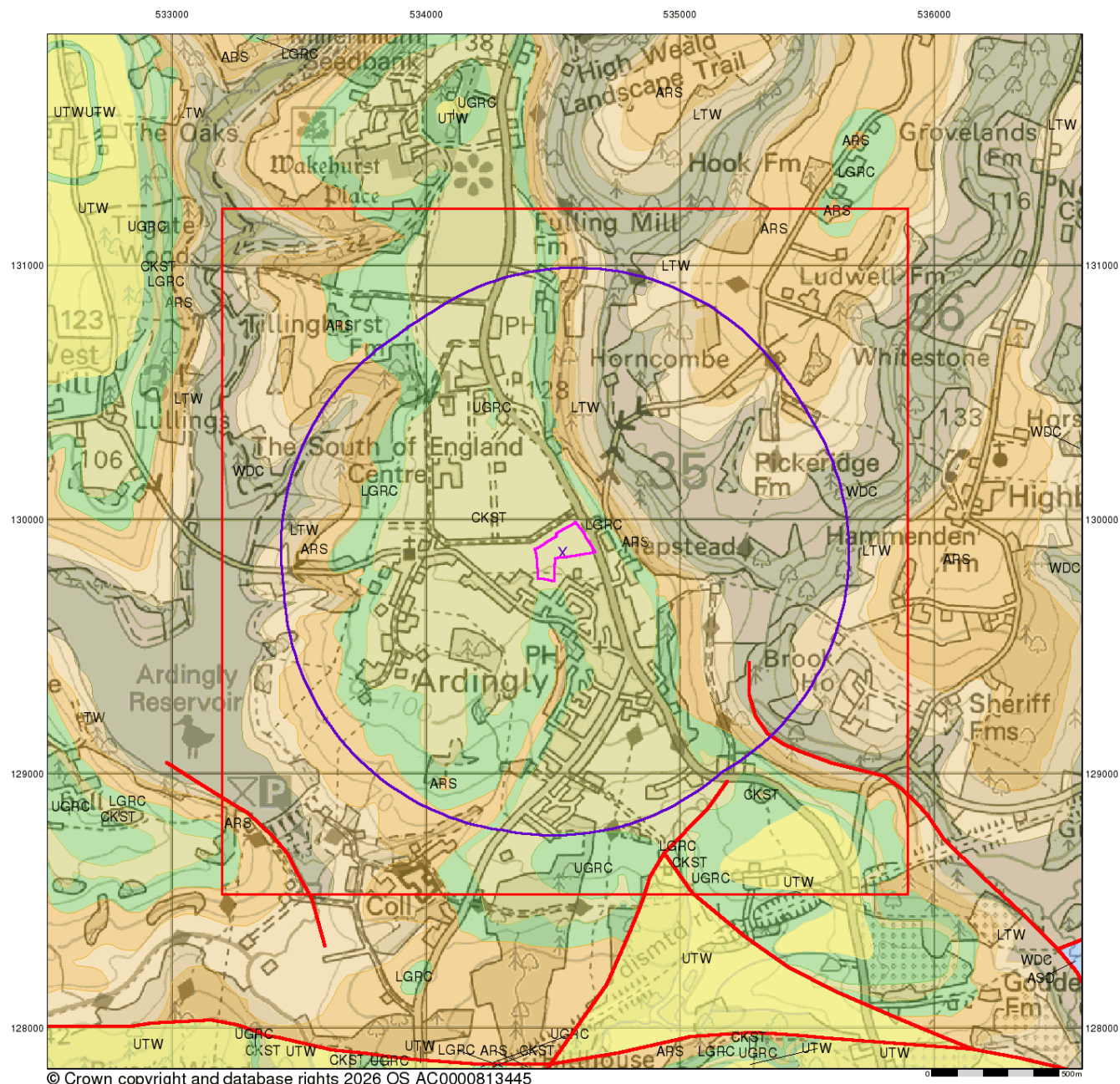
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 Web: www.envirocheck.co.uk

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Bedrock and Faults

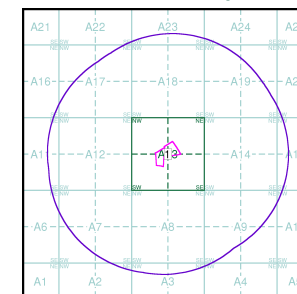
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 402679047_1_1
 Customer Reference: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details:

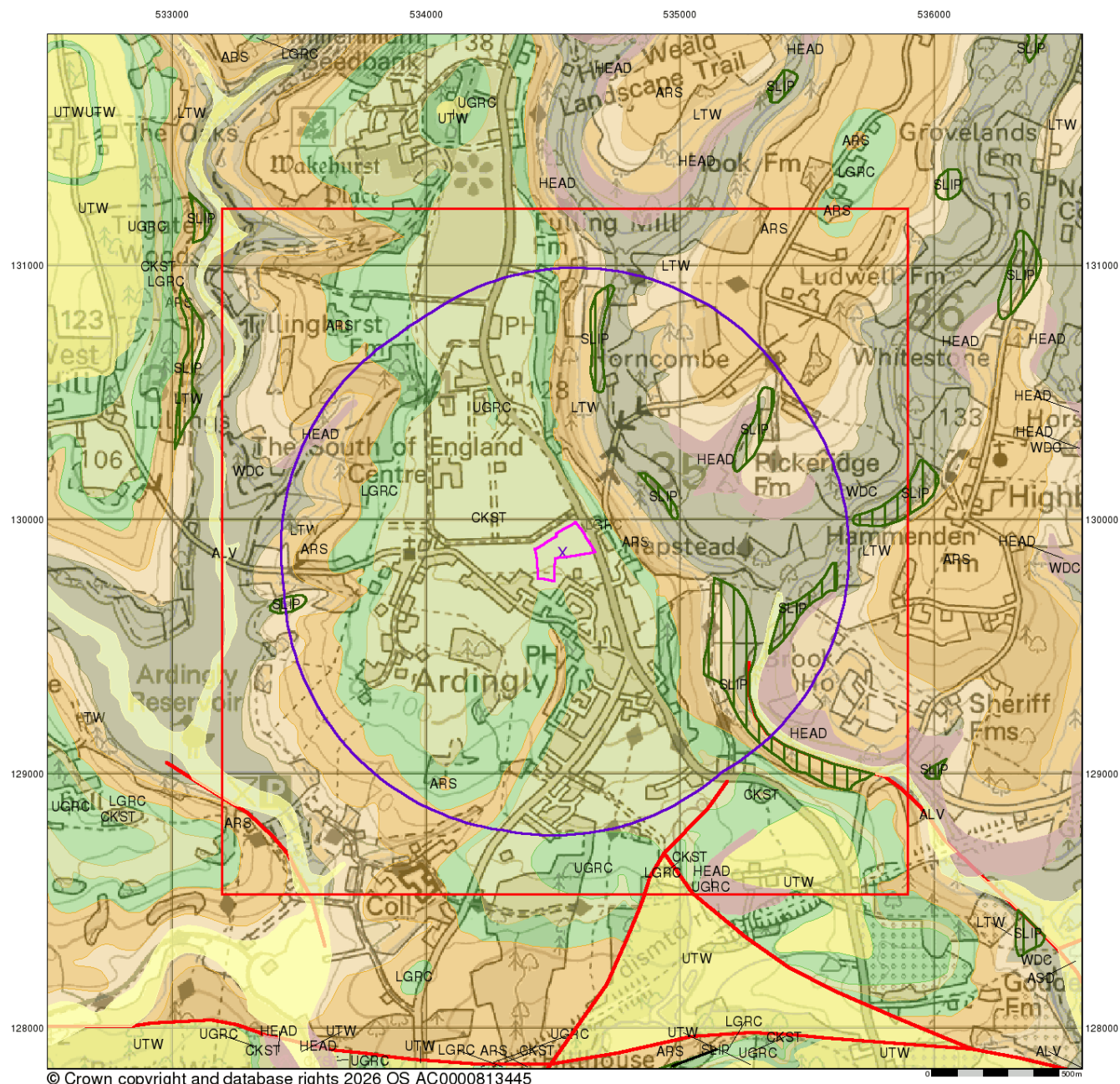
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

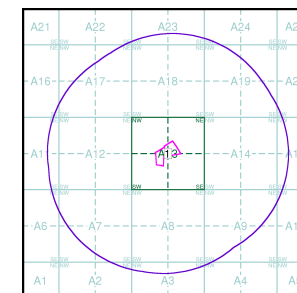
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

British Geological Survey
Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 402679047_1_1
Customer Reference: 26-186.01
National Grid Reference: 534540, 129870
Slice: A
Site Area (Ha): 2.45
Search Buffer (m): 1000

Site Details:

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Fax: 0844 844 9951
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Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

402679047_1_1

Customer Reference:

26-186.01

National Grid Reference:

534540, 129870

Slice:

A

Site Area (Ha):

2.45

Search Buffer (m):

1000

Site Details:

Land west of Selsfield Road

Ardingly

West Sussex

RH17 6UL

Client Details:

Mr J Burkitt

Aviron

Badgemore House

Badgemore Park

Greys Road

Henley on Thames

RG9 4NR



Report Section and Details	Page Number
Summary	-
The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected. For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).	
Mining and Natural Cavities Data	1
The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities. Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.	
Historical Land Use Information (1:2,500)	7
The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative. For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.	
Historical Land Use Information (1:10,000)	8
The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses. For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.	
Ground Stability Data (1:50,000)	9
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	11
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	12
Data Suppliers	13
Useful Contacts	14

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The brine subsidence data relating to the Driotwich area as provided in this report is derived from JPB studies and physical monitoring undertaken annually over more than 35 years. For more detailed interpretation contact enquiries@jpb.co.uk. JPB retain the copyright and intellectual rights to this data and accept no liability for any loss or damage, including in direct or consequential loss, arising from the use of this data.

The Mining Instability data was obtained on licence from Ove Arup & Partners Limited (for further information, contact mining.review@arup.com). No reproduction or further use of such Data is to be made without the prior written consent of Ove Arup & Partners Limited. The supplied Mining Instability data is derived from publicly available records and other third party sources and neither Ove Arup & Partners nor Landmark warrant the accuracy or completeness of such information or data.

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		3	6	22
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 6		Yes	n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 7		2	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying	pg 8			1	1
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 8		1	1	5
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 8		1	3	2
Potentially Infilled Land (Water)					
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 9	Yes	Yes	n/a	n/a
Salt Mining Related Features					



Report Version v53.0

Summary



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Gower'S Pit Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19532 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SW (S)	60	1	534490 129700
1	BGS Recorded Mineral Sites Site Name: Gower'S Pit Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19532 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A13SW (S)	60	1	534490 129700
2	BGS Recorded Mineral Sites Site Name: Ardingly Pit Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19533 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	243	1	534570 129525
3	BGS Recorded Mineral Sites Site Name: Ardingly Quarry Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19534 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	263	1	534885 129730
4	BGS Recorded Mineral Sites Site Name: Ardingly Brickworks Location: Station Road, Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19536 Type: Opencast Status: Ceased Operator: E. H. Munnion Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	380	1	534615 129395
4	BGS Recorded Mineral Sites Site Name: Ardingly Brickworks Location: Station Road, Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19536 Type: Opencast Status: Ceased Operator: E. H. Munnion Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Lower Grinstead Clay Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NE (S)	380	1	534615 129395



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	BGS Recorded Mineral Sites Site Name: Ardingly Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 8407 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	436	1	534395 129335
6	BGS Recorded Mineral Sites Site Name: Ardingly Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127163 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	446	1	534543 129314
6	BGS Recorded Mineral Sites Site Name: Ardingly Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127164 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	466	1	534520 129292
7	BGS Recorded Mineral Sites Site Name: Bolney Farm Pit Location: Little London, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127181 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Cuckfield Stone Bed, Grinstead Clay Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	521	1	534263 130403
8	BGS Recorded Mineral Sites Site Name: Moorlands Wood Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126594 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Head Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	553	1	535086 130242
9	BGS Recorded Mineral Sites Site Name: Ardingly Location: Ardings Close, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127178 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	556	1	534937 129388



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	BGS Recorded Mineral Sites Site Name: Bolney Farm Pit Location: Little London, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127182 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Cuckfield Stone Bed, Grinstead Clay Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18SW (NW)	627	1	534246 130518
11	BGS Recorded Mineral Sites Site Name: Little Racks Wood Sand Pit Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126599 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	681	1	533747 129926
11	BGS Recorded Mineral Sites Site Name: Little Racks Wood Sand Pit Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126599 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A12NW (W)	681	1	533747 129926
12	BGS Recorded Mineral Sites Site Name: Balcombe Lane Sand Pits Location: Balcombe Lane, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126874 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Lower Grinstead Clay, Grinstead Clay Member Commodity: Mineral Positional Accuracy: Located by supplier to within 10m	A12SW (W)	705	1	533726 129815
13	BGS Recorded Mineral Sites Site Name: Hollgrove Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127160 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	745	1	533704 129642
14	BGS Recorded Mineral Sites Site Name: Ardingly Pit Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19530 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	775	1	534135 129055



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	BGS Recorded Mineral Sites Site Name: Balcombe Lane Sand Pits Location: Balcombe Lane, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126873 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A12SW (W)	781	1	533653 129781
16	BGS Recorded Mineral Sites Site Name: Pickeridge Pit Location: Pickeridge, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127180 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Wadhurst Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	783	1	535228 130440
17	BGS Recorded Mineral Sites Site Name: Pole Platt Location: Fullingmill Farm, Little London, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127183 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	784	1	534465 130766
18	BGS Recorded Mineral Sites Site Name: Ardingly Location: Lindfield Road, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127179 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	800	1	535024 129151
19	BGS Recorded Mineral Sites Site Name: Townhouse Farm Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126601 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	837	1	533689 129395
19	BGS Recorded Mineral Sites Site Name: Townhouse Farm Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126601 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	837	1	533689 129395



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	BGS Recorded Mineral Sites Site Name: Townhouse Farm Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126602 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	886	1	533646 129372
20	BGS Recorded Mineral Sites Site Name: Balcombe Lane Sand Pits Location: Balcombe Lane, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126872 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A12SW (W)	842	1	533591 129784
20	BGS Recorded Mineral Sites Site Name: Balcombe Road Location: Balcombe Road, Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19535 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	877	1	533555 129795
20	BGS Recorded Mineral Sites Site Name: Balcombe Lane Sand Pits Location: Balcombe Lane, Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 126600 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A11SE (W)	913	1	533520 129786
21	BGS Recorded Mineral Sites Site Name: Ardingly Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127161 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	849	1	534048 129014
22	BGS Recorded Mineral Sites Site Name: Townhouse Farm Location: Ardingly, Haywards Heath, Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 127162 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NW (SW)	861	1	533755 129244



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	BGS Recorded Mineral Sites Site Name: Ardingly Pit Location: Ardingly, Haywards Heath, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 19531 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Ardingly Sandstone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	888	1	534070 128960
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	242	1	534830 130067



Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
24	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1956 Date: Last Map Published N/A Date:	A13SW (S)	4	-	534497 129755
25	Extractive Industries or Potential Excavations from 1950-1980 Use: Gower's Pit First Map Published 1956 Date: Last Map Published N/A Date:	A13SW (S)	22	-	534511 129735



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	General Quarrying Use: Not Supplied Date of Mapping: 1899	A14SW (E)	266	-	534901 129752
27	General Quarrying Use: Not Supplied Date of Mapping: 1899	A12SW (W)	844	-	533590 129782
28	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1899	A13SW (S)	21	-	534504 129737
29	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1879	A8NW (S)	390	-	534413 129378
30	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1879	A19SW (NE)	556	-	535093 130237
31	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1879	A12NW (W)	679	-	533749 129917
32	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1879	A12SW (W)	702	-	533729 129807
33	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1879	A7NW (SW)	787	-	533746 129393
34	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1899	A12SW (W)	882	-	533549 129806
35	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (S)	21	-	534504 129737
36	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14SW (E)	266	-	534901 129752
37	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NE (S)	340	-	534577 129427
38	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NW (S)	390	-	534413 129378
39	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1976	A19SW (NE)	556	-	535093 130237
40	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NW (W)	679	-	533749 129917



Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
41	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
42	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
43	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
44	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
45	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	70	1	534663 130016
46	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	104	1	534708 130000
47	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	139	1	534801 129894
48	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	242	1	534830 130067
49	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	177	1	534768 130046
50	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	186	1	534804 130000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	242	1	534830 130067
51	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	28	1	534525 129731
52	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	65	1	534687 129960



Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	67	1	534662 130000
54	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	242	1	534830 130067
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	534536 129869
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	8	1	534536 130000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	111	1	534729 129979
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	112	1	534717 130000



Historical Map List

The following mapping has been analysed for Historical Land Use Information (1:2,500):

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	TQ3429	1956
Ordnance Survey Plan	TQ3430	1957

The following mapping has been analysed for Historical Land Use Information (1:10,000):

1:10,560	Mapsheet	Published Date
Sussex	015_00	1879
Sussex	015_SE	1899
Sussex	015_SW	1899
Sussex	015_SE	1912
Sussex	015_SW	1912
Sussex	015_SE	1952
Ordnance Survey Plan	TQ32NE	1961
Ordnance Survey Plan	TQ33SE	1963
Ordnance Survey Plan	TQ33SW	1963
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ32NE	1976
Ordnance Survey Plan	TQ33SE	1976
Ordnance Survey Plan	TQ33SW	1980
Ordnance Survey Plan	TQ32NW	1993



Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	February 2026	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Man Made Mining Cavities Stantec UK Ltd	December 2025	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2025	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	July 2023	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	

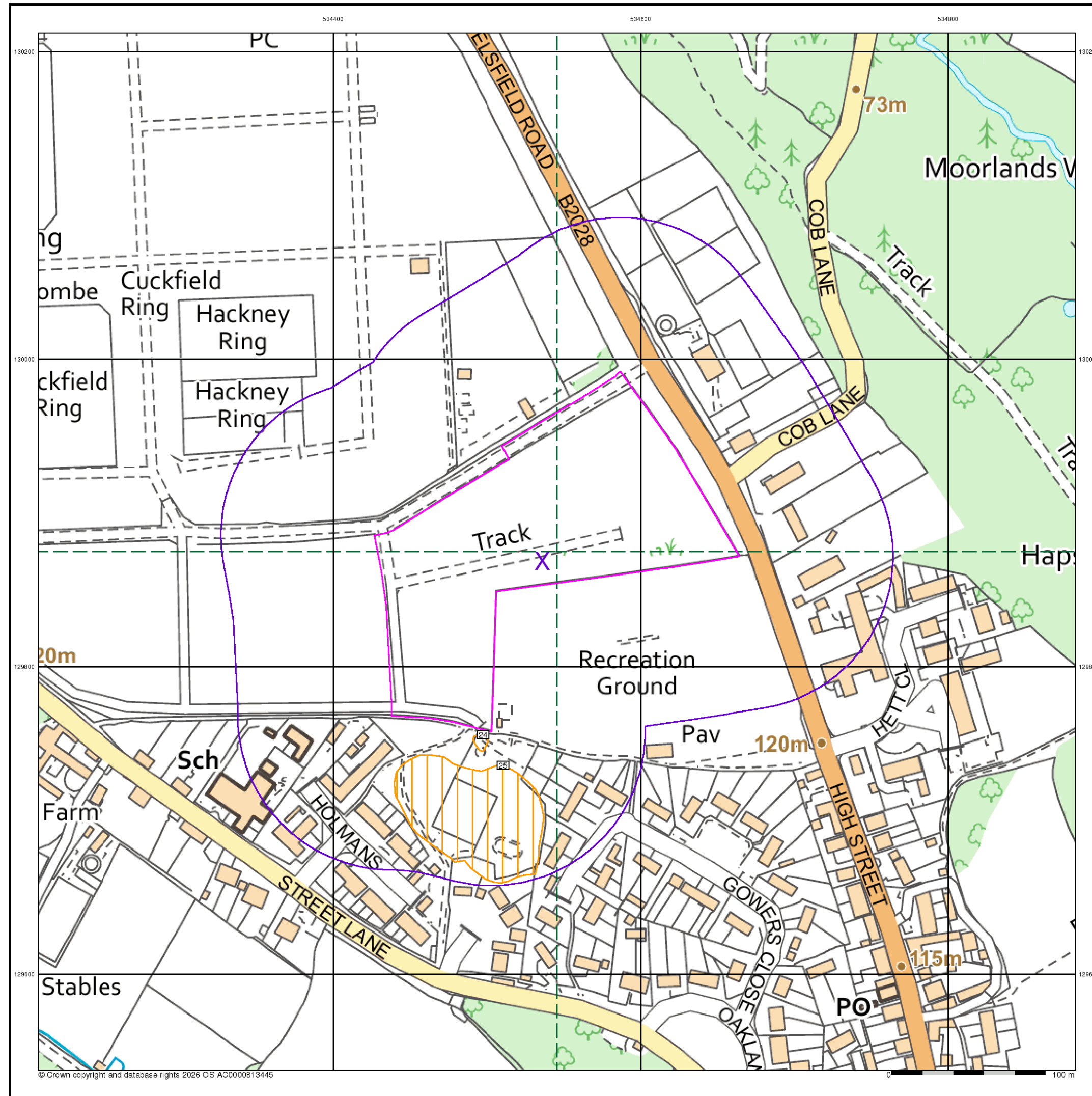
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
The Coal Authority	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
Johnson Poole & Bloomer	



Useful Contacts

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk



Historical Land Use Information (1:2,500)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

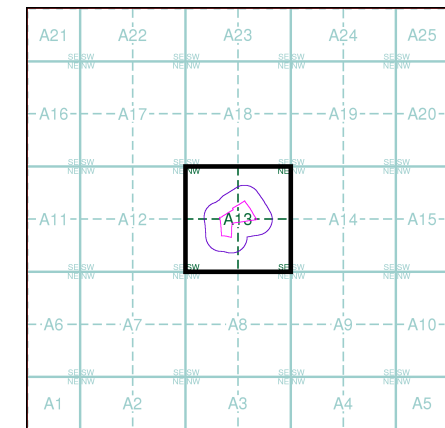
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A13



Order Details

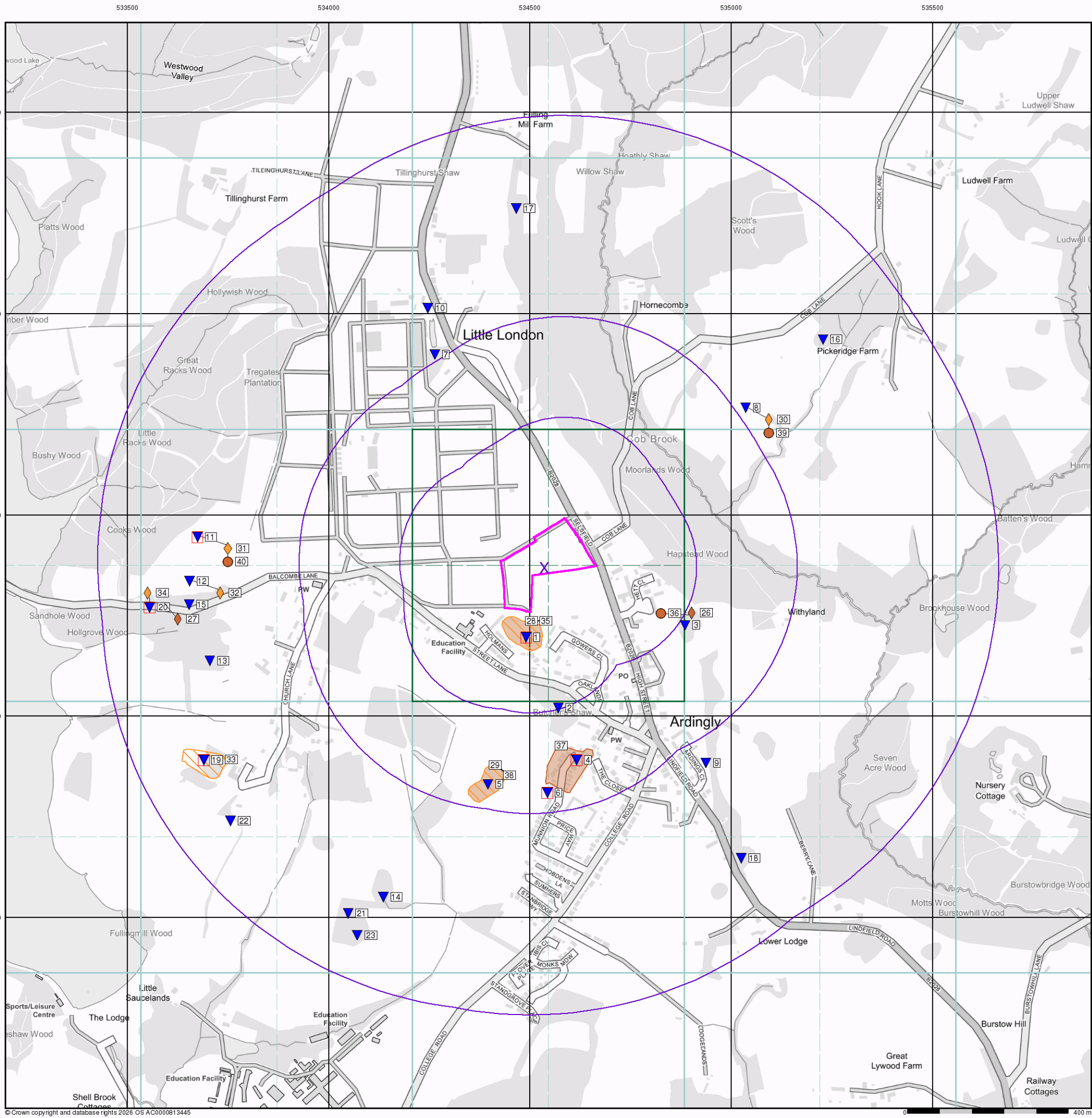
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Customer Ref: 26-186.01
National Grid Reference: 534540, 129870
Slice: A
Site Area (Ha): 2.45
Plot Buffer (m): 100

Site Details

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL



Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Historical Land Use Information (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

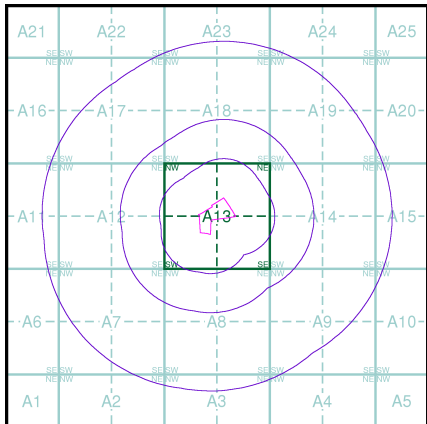
Historical Land Use

	Point	Line	Polygon
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Former Marsh			

Mining Data

- Potential Mining Area
- BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

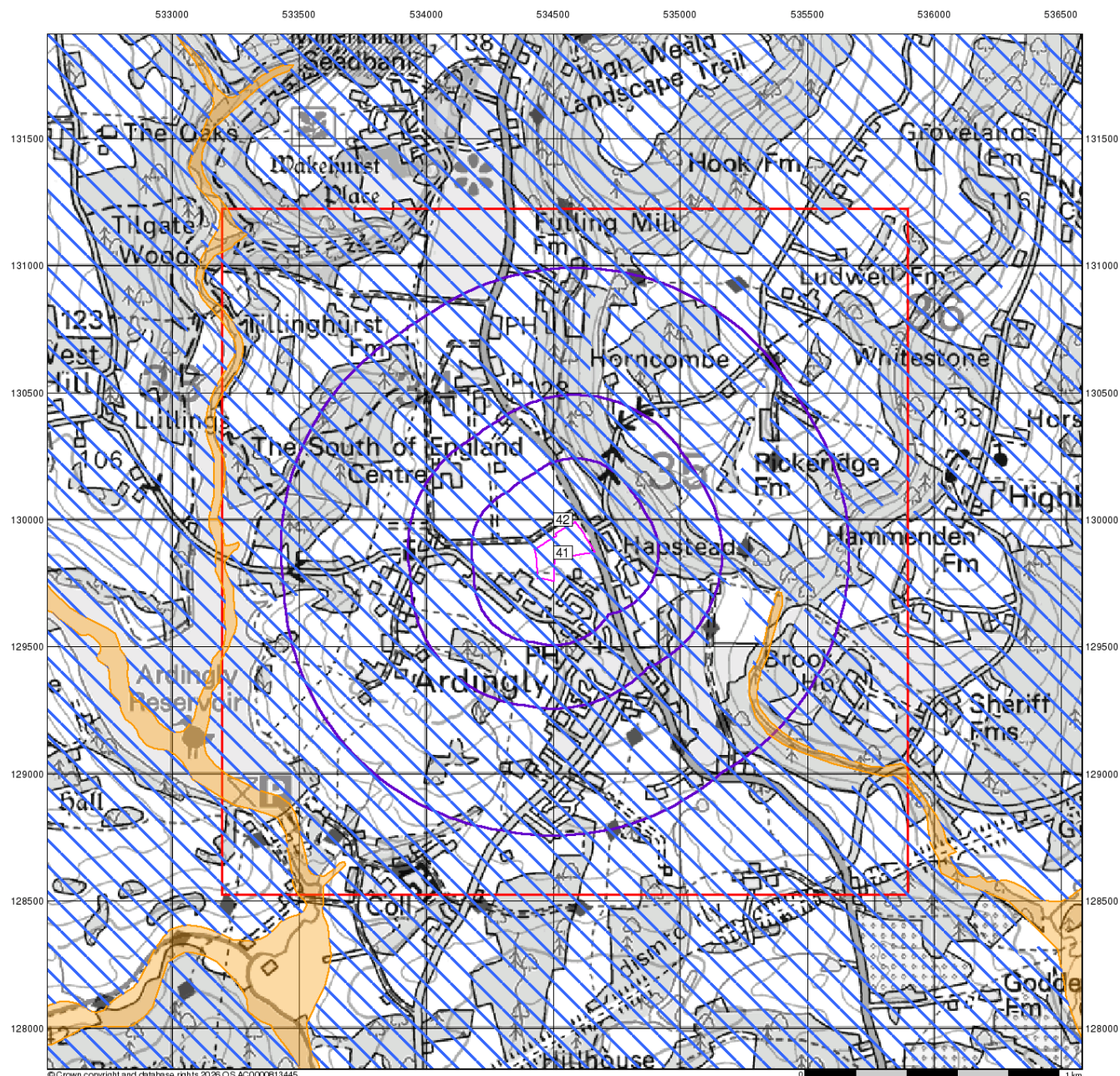
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Customer Ref: 26-186.01
National Grid Reference: 534540, 129870
Slice: A
Site Area (Ha): 2.45
Search Buffer (m): 1000

Site Details

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Ground Stability Data (1:50,000)

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

Potential for Compressible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Collapsible Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

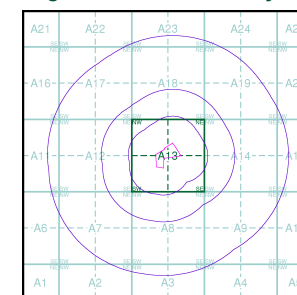
Brine Pumping and Salt Mining

Brine Pumping Related Feature

Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| | |
| | |

Mining and Ground Stability - Slice A



Order Details

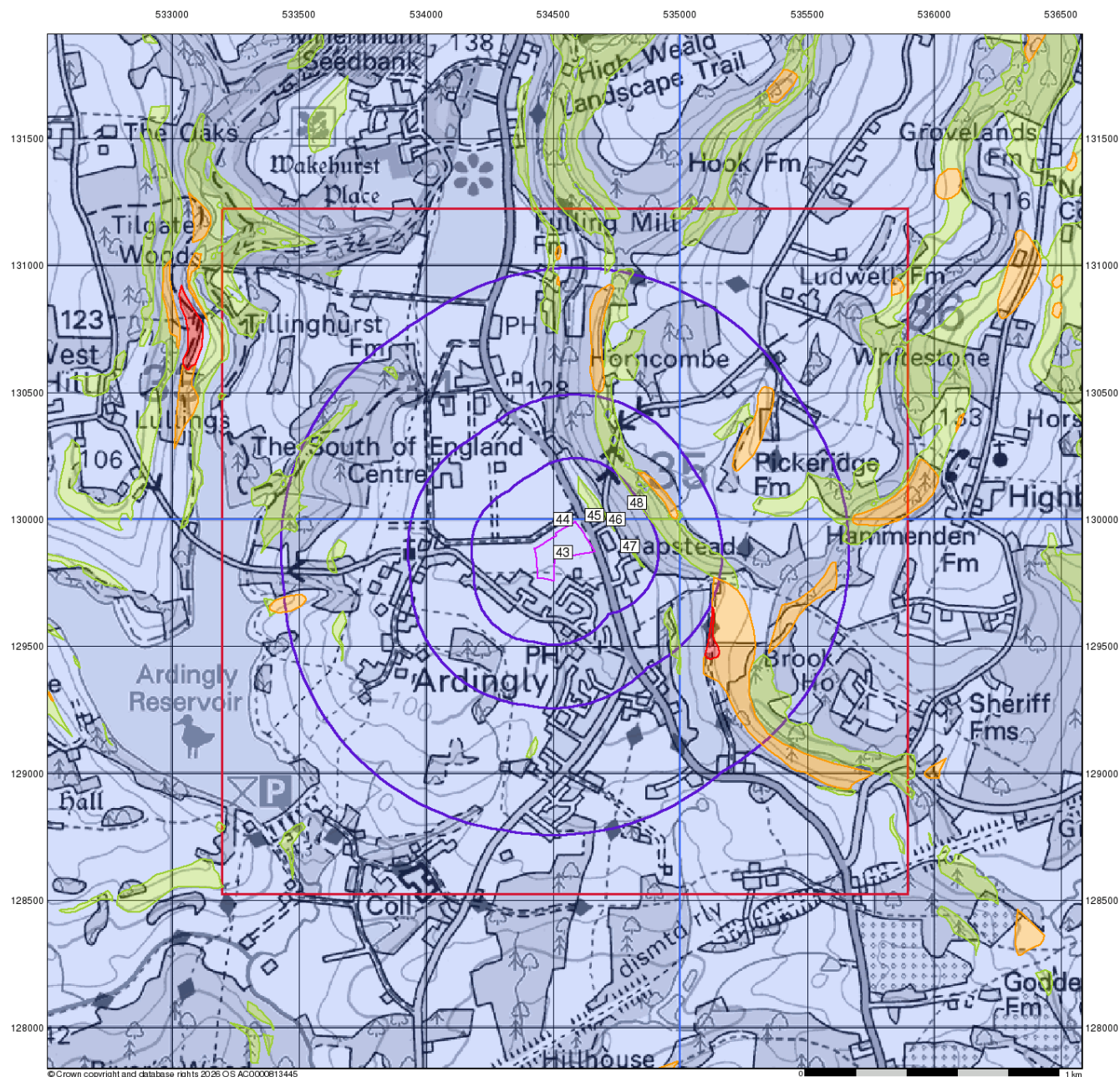
Order Number: 402679047_1_1
 Customer Ref: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details

Land west of Selsfield Road, Ardingly, West Sussex, RH17 6UL

Landmark
 INFORMATION GROUP

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 Fax: 0844 844 9951
 Web: www.envirocheck.co.uk



Ground Stability Data (1:50,000)

General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

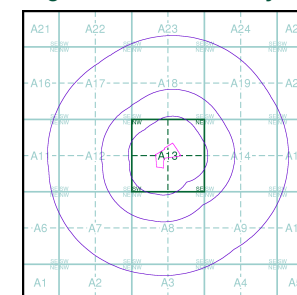
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High
- ▨ Moderate
- ▨ Low
- ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

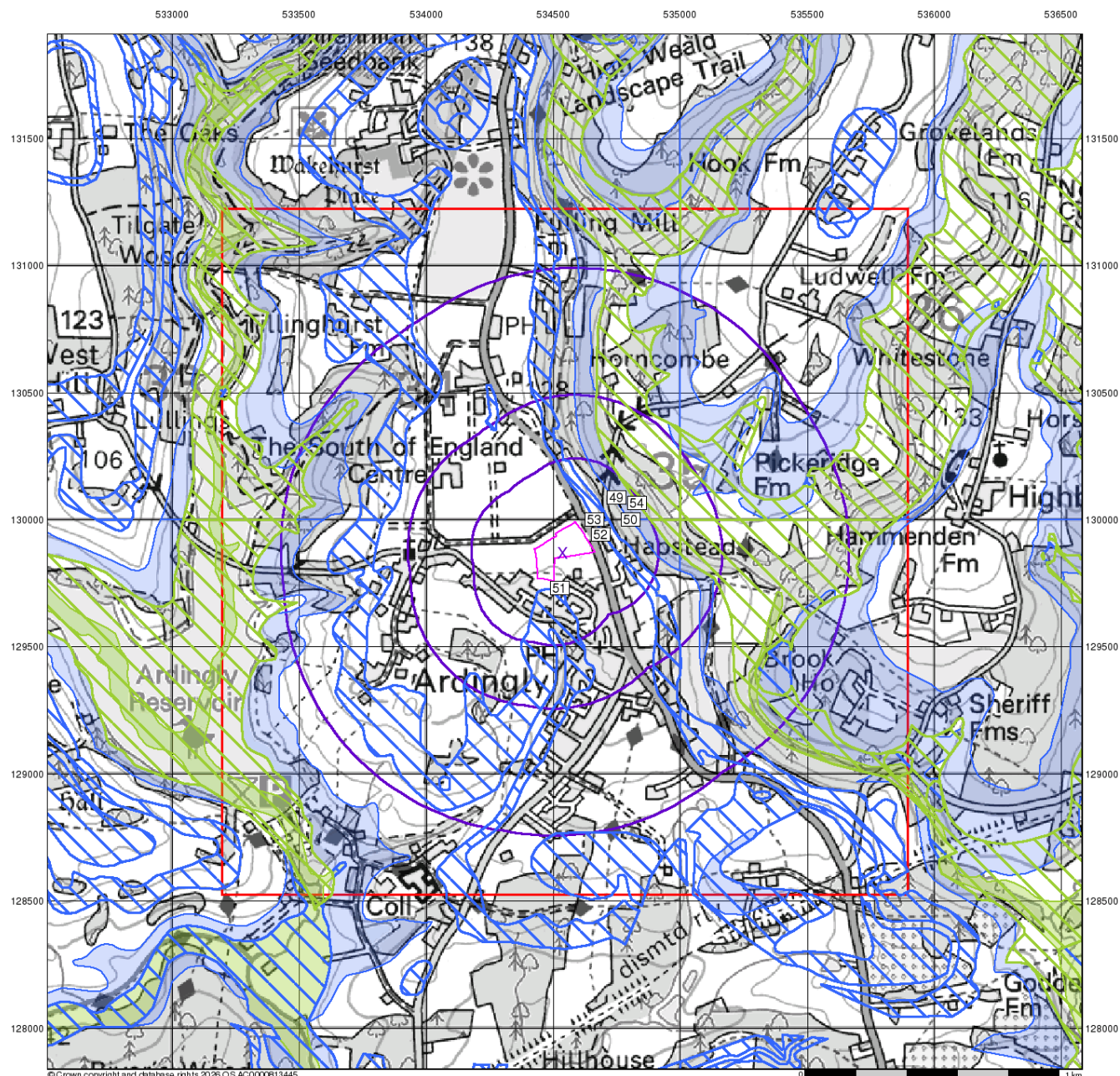
Order Number: 402679047_1_1
 Customer Ref: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details

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Landmark
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Ground Stability Data (1:50,000)

General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- 8 Map ID

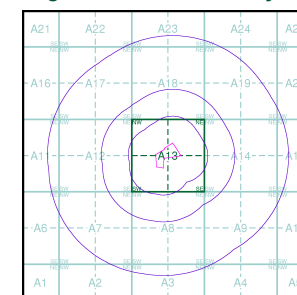
Potential for Running Sand Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- ▨ High
- ▨ Moderate
- ▨ Low
- ▨ Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 402679047_1_1
 Customer Ref: 26-186.01
 National Grid Reference: 534540, 129870
 Slice: A
 Site Area (Ha): 2.45
 Search Buffer (m): 1000

Site Details

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