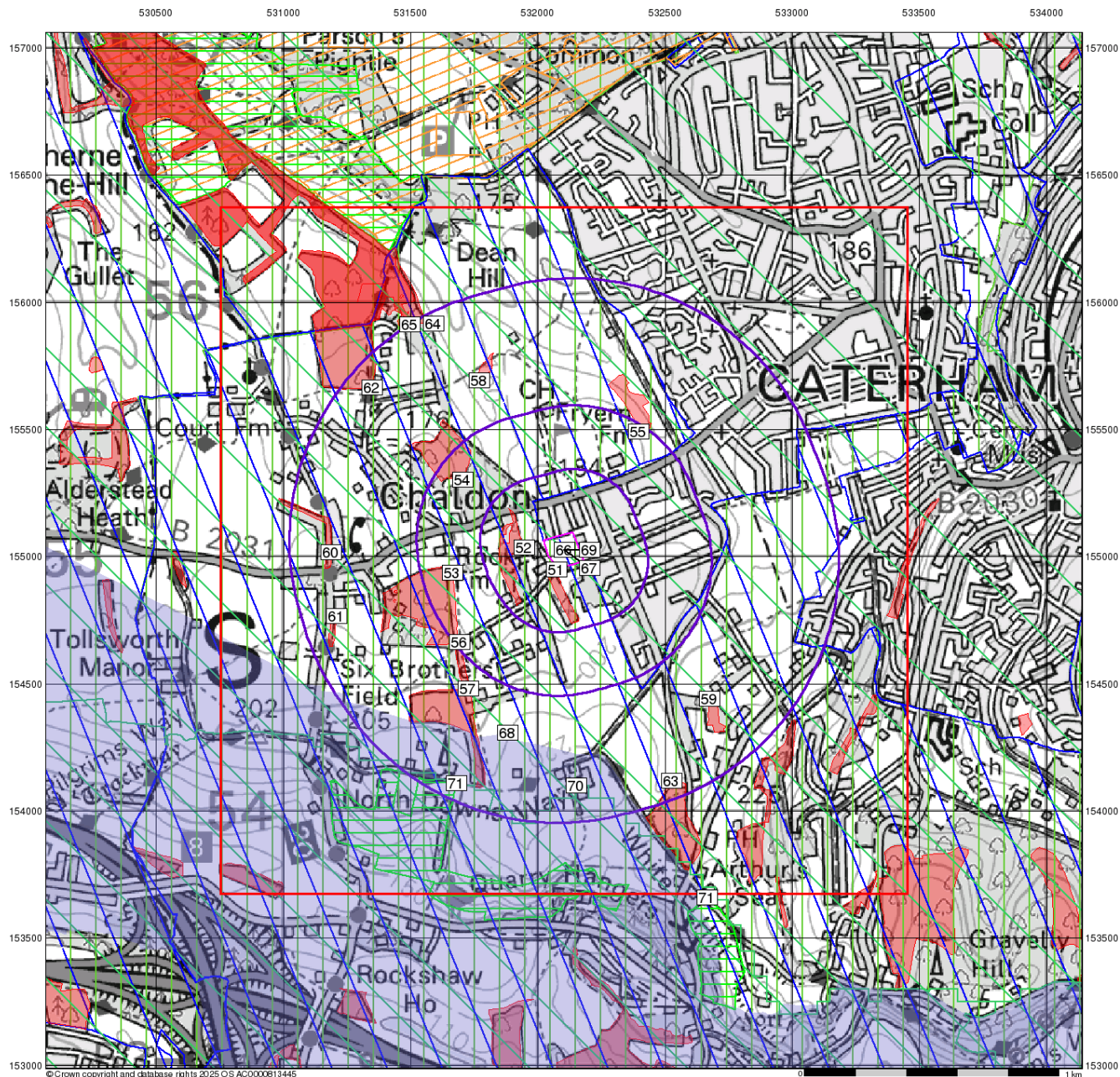




Sensitive Land Uses

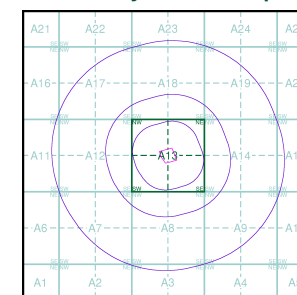
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Area of Outstanding Natural Beauty
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- N National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A

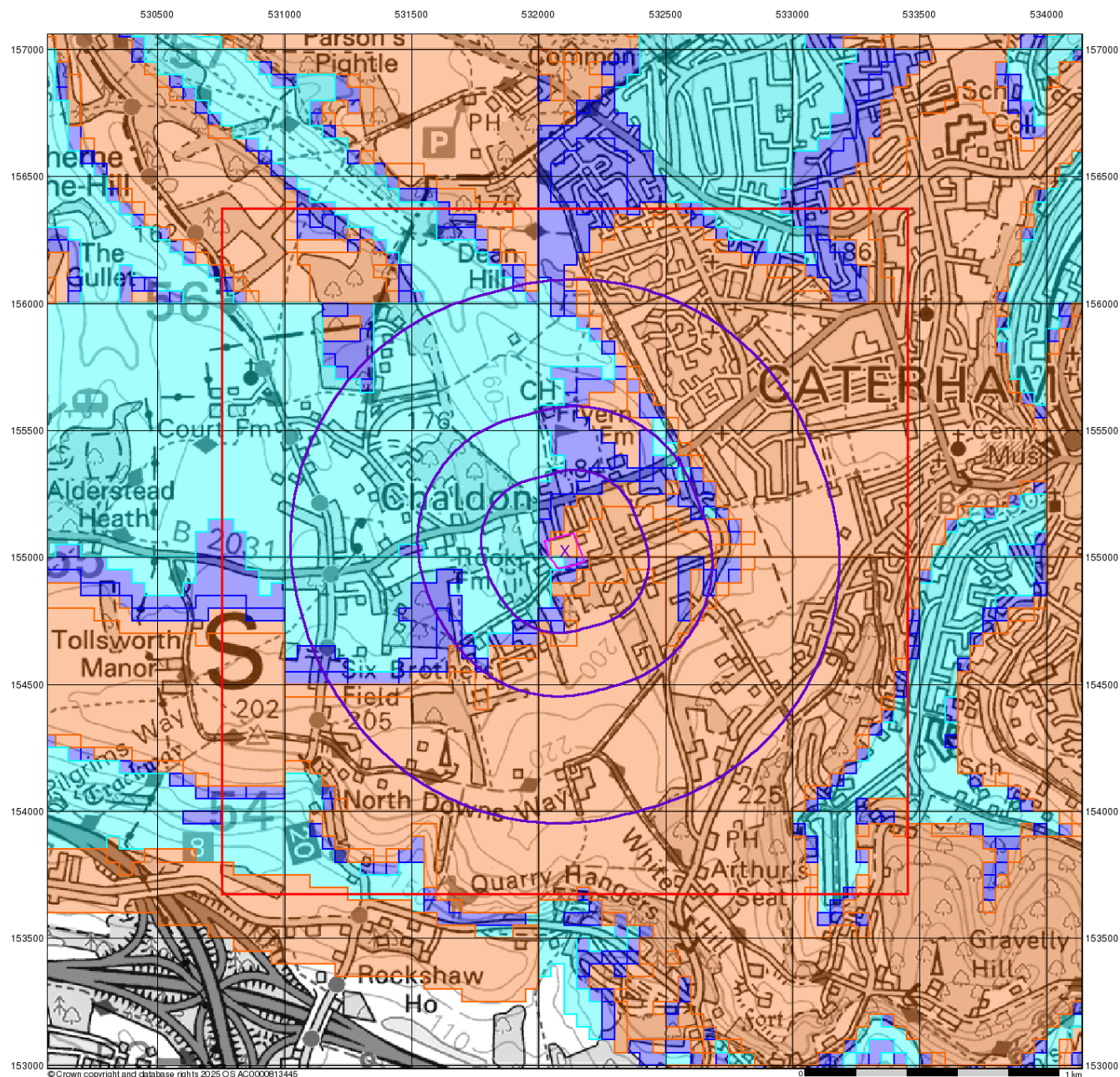


Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM



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BGS Flood GFS Data

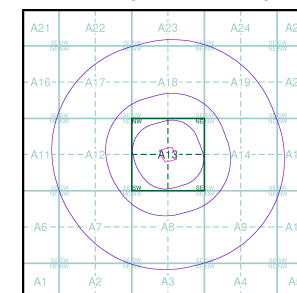
General

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

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM

Historical Land Use Information (1:2,500)

General

-  Specified Site

 Specified Buffer(s)

 Bearing Reference Point

 Map ID
-  Several of Type at Location

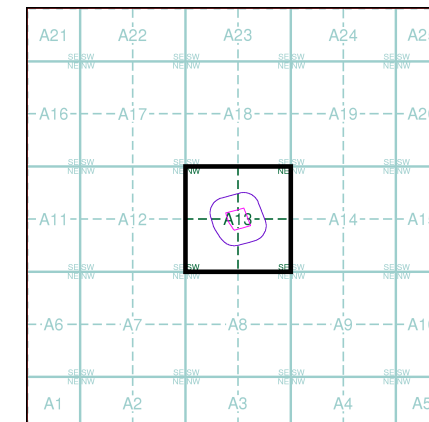
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Plot Buffer (m): 100

Site Details

Land at Mount Avenue, Chaldon, CATERHAM

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			

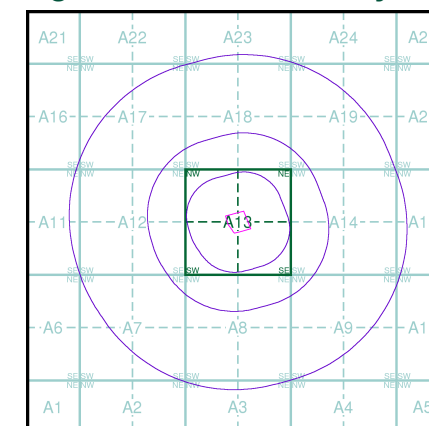
Historical Land Use

	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

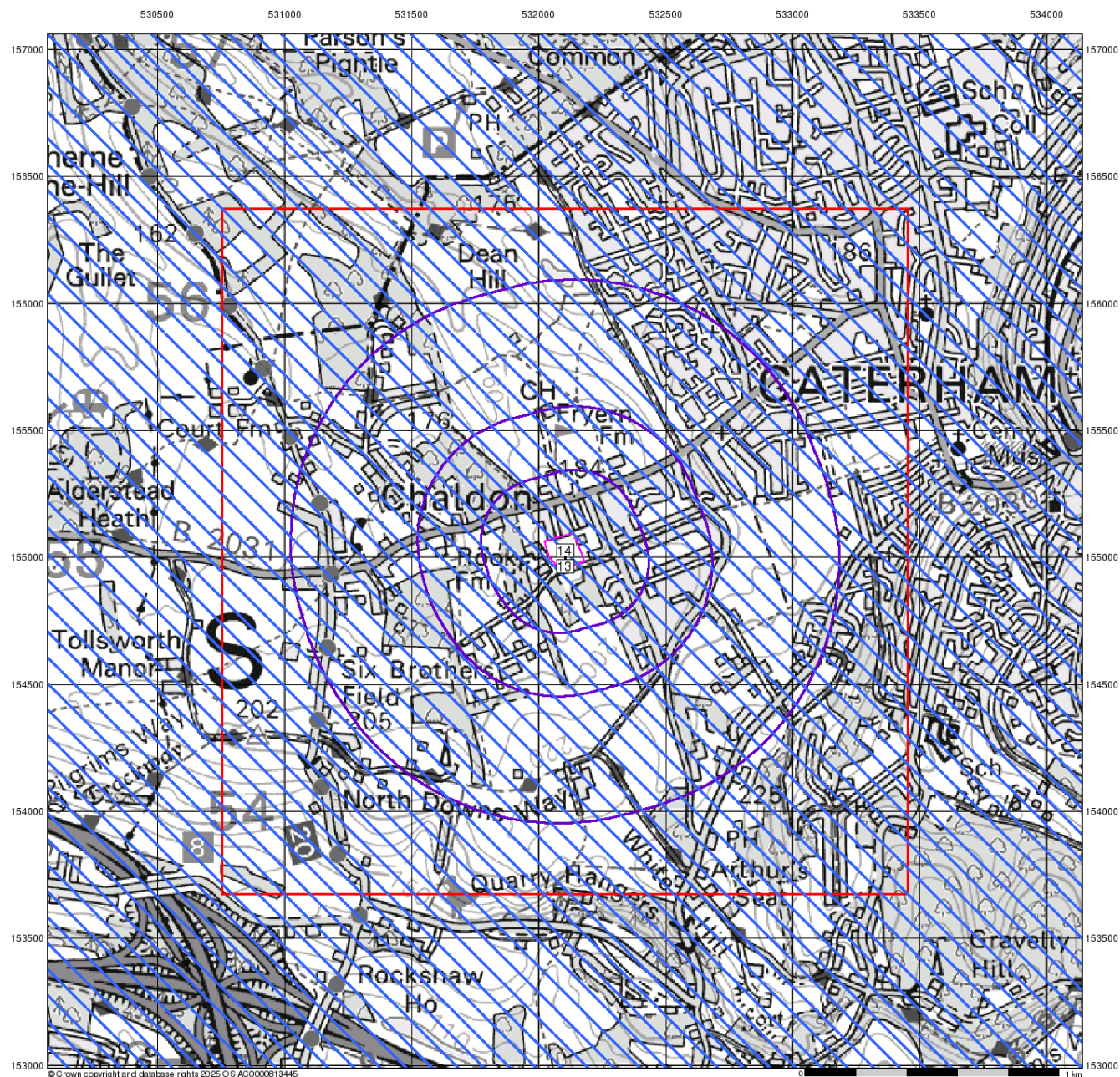


Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM



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

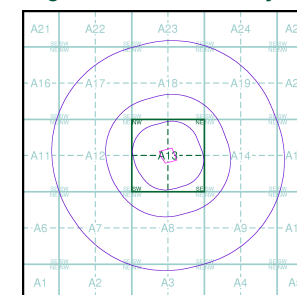
- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

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

Mining and Ground Stability - Slice A

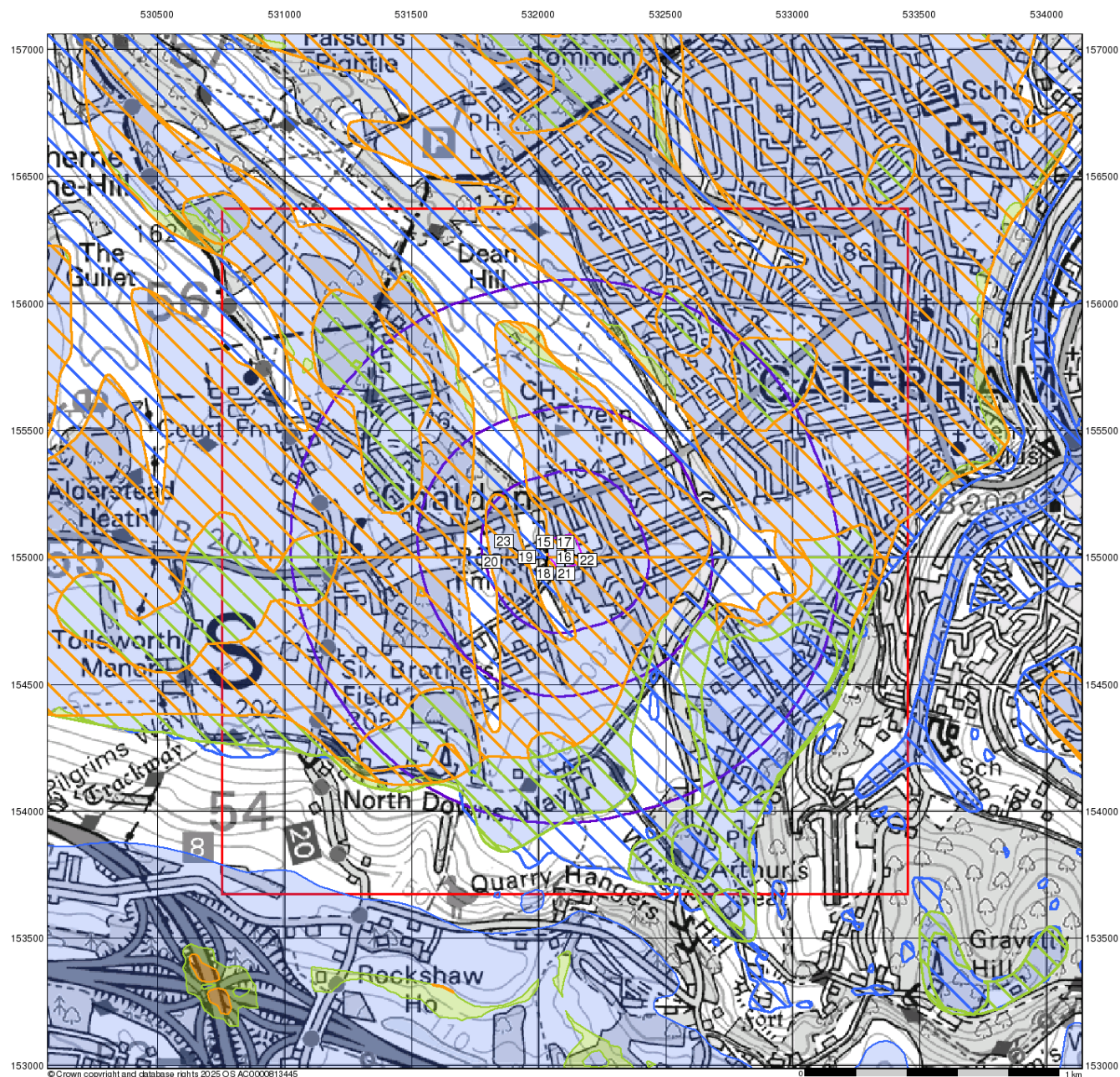


Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM



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Ground Stability Data (1:50,000)

General

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

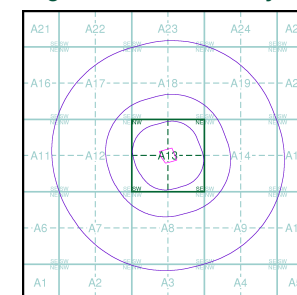
Potential for Landslide Ground Stability Hazards

- High ■ Low
- Moderate ■ Very Low

Potential for Ground Dissolution Stability Hazards

- ▨ High ▨ Low
- ▨ Moderate ▨ Very Low

Mining and Ground Stability - Slice A

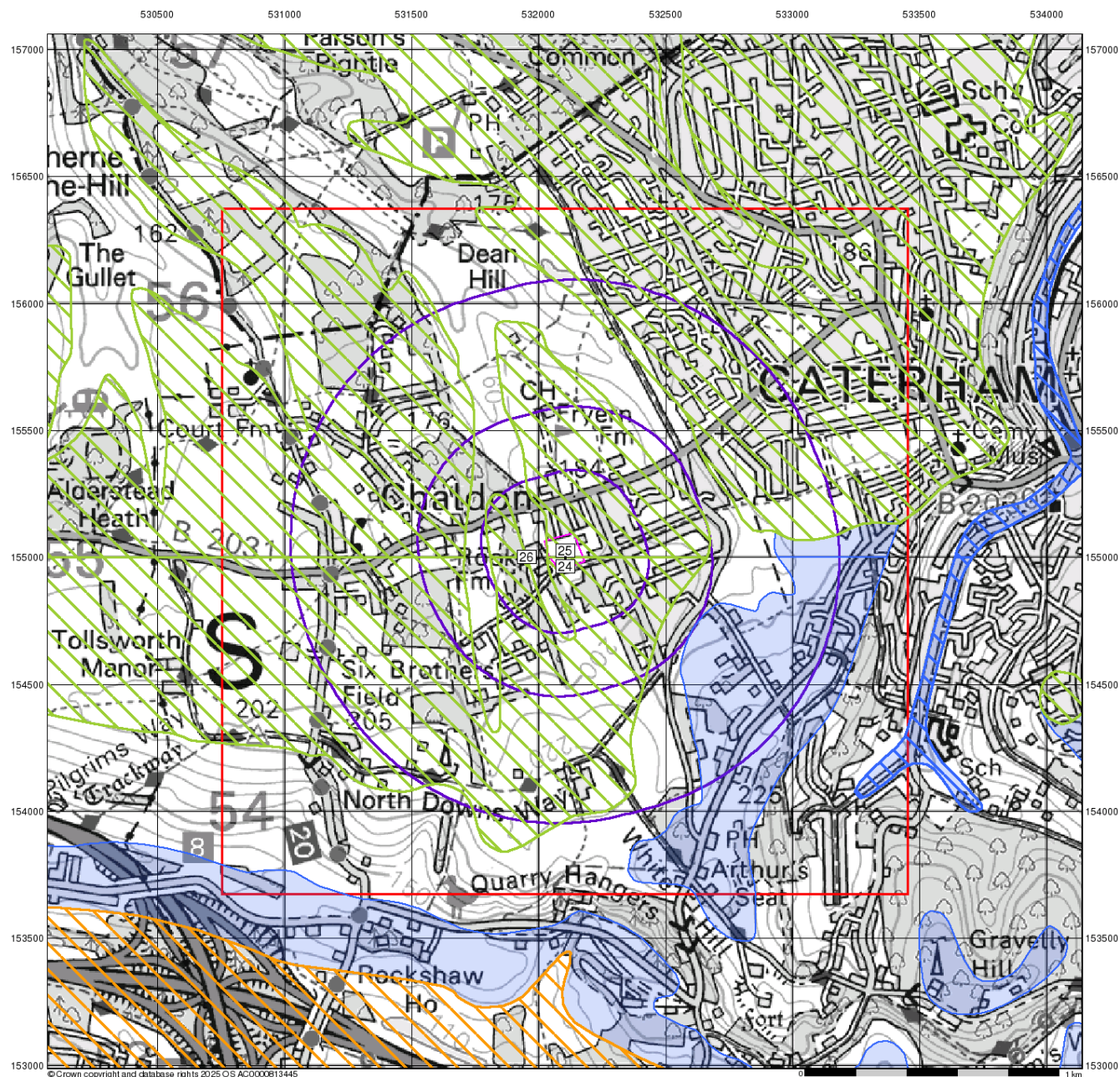


Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM



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Ground Stability Data (1:50,000)

General

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

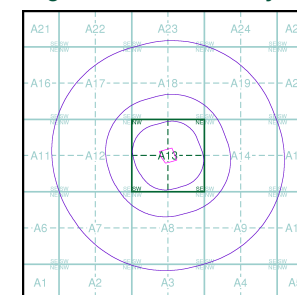
Potential for Running Sand Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 373176147_1_1
Customer Ref: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details

Land at Mount Avenue, Chaldon, CATERHAM

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

373176147_1_1

Customer Reference:

J15961 Caterham (CL)

National Grid Reference:

532100, 155020

Slice:

A

Site Area (Ha):

1.45

Search Buffer (m):

1000

Site Details:

Land at Mount Avenue

Chaldon

CATERHAM

Client Details:

MR D Spearman

Southern Testing

Keeble House

Stuart Way

East Grinstead

West Sussex

RH19 4QA

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)	4
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)	5
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)	6
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	8
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	9
Data Suppliers	10
Useful Contacts	11

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The brine subsidence data relating to the Droitwich 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.

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Report Version v53.0

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		1		8
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities	pg 2				5
Mining Instability			n/a	n/a	n/a
Natural Cavities	pg 3				3
Non Coal Mining Areas of Great Britain	pg 3	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 4		1	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying					
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits	pg 5				1
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 5				1
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 6	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 6	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Chaldon Common Brick Field Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165089 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	135	1	532189 154844
2	BGS Recorded Mineral Sites Site Name: Chaldon Common Gravel Pit Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165096 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Disturbed Blackheath Beds Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	580	1	532694 154710
3	BGS Recorded Mineral Sites Site Name: Caterham Brick Works Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165102 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Palaeogene - Pleistocene Geology: Clay-With-Flints Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19SE (NE)	747	1	532815 155412
4	BGS Recorded Mineral Sites Site Name: Green Lane Chalk Pit Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165088 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A18NE (N)	808	1	532256 155894
5	BGS Recorded Mineral Sites Site Name: Willey Farm Chalk Pits Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165095 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8SW (S)	819	1	531965 154143
6	BGS Recorded Mineral Sites Site Name: Willey Farm Chalk Pits Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165094 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A8SW (S)	861	1	531987 154098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	BGS Recorded Mineral Sites Site Name: Oakhyrst Gravel Pits Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165100 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Disturbed Blackheath Beds Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	932	1	532985 154508
8	BGS Recorded Mineral Sites Site Name: Pilgrams Way Chalk Pit Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165093 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: White Chalk Subgroup Commodity: Chalk Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	944	1	531574 154157
9	BGS Recorded Mineral Sites Site Name: Oakhyrst Gravel Pits Location: Caterham, Surrey Source: British Geological Survey, National Geoscience Information Service Reference: 165103 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Disturbed Blackheath Beds Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	996	1	533064 154519
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Man Made Mining Cavities Cavity Type: Gravel Pit - Potential Flint Mine Commodity: Flint Solid Geology Detail: Lewes Nodular Chalk Formation, Seaford Chalk Formation And Newhaven Chalk Formation Superficial Geology Detail: Disturbed Blackheath Beds	A14SW (SE)	559	2	532670 154710
	Man Made Mining Cavities Cavity Type: Old Chalk Pit - Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lewes Nodular Chalk Formation, Seaford Chalk Formation And Newhaven Chalk Formation Superficial Geology Detail: CLAY WITH FLINTS FORMATION	A18NE (N)	803	2	532250 155890
	Man Made Mining Cavities Cavity Type: Old Chalk Pit - Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Holywell Nodular And New Pit Chalk Formation Superficial Geology Detail: CLAY WITH FLINTS FORMATION	A8SW (S)	814	2	531950 154150
	Man Made Mining Cavities Cavity Type: Old Chalk Pit - Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Holywell Nodular And New Pit Chalk Formation Superficial Geology Detail: CLAY WITH FLINTS FORMATION	A8SW (S)	872	2	531960 154090
	Man Made Mining Cavities Cavity Type: Old Chalk Pit - Potential Chalk Mining Commodity: Chalk Solid Geology Detail: Lewes Nodular Chalk Formation, Seaford Chalk Formation And Newhaven Chalk Formation Superficial Geology Detail: CLAY WITH FLINTS FORMATION	A7SE (SW)	947	2	531580 154150

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Natural Cavities Cavity Type: Solution Pipe x 10 Solid Geology Detail: Chalk Group Superficial Geology: No Details Detail:	A14NW (E)	533	2	532650 155250
	Natural Cavities Cavity Type: Solution Pipe x 6 Solid Geology Detail: Chalk Group Superficial Geology: Clay with flints Detail:	A8SE (S)	863	2	532200 154100
	Natural Cavities Cavity Type: Solution Pipe x 3 Solid Geology Detail: Chalk Group, Harwich Formation, Lambeth Group Superficial Geology: No Details Detail:	A9NE (SE)	994	2	533100 154600
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Pit First Map Published 1958 Date: Last Map Published 1958 Date:	A13NE (NE)	61	3	532157 155152

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1914 - 1961	A9NE (SE)	892	3	532960 154546
12	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1975	A14NW (NE)	515	3	532630 155251

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.				
13	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
14	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
15	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	532032 155023
16	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
17	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
18	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	11	1	532033 155000
19	Potential for Ground Dissolution Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	87	1	531952 155000
20	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	224	1	531812 154982
21	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
22	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
23	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	87	1	531952 155000
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	532032 155023
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	11	1	532033 155000
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	224	1	531812 154982
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000
24	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	0	1	532104 155000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	532104 155025
26	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	87	1	531952 155000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	532032 155023
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	11	1	532033 155000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	224	1	531812 154982

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

1:2,500	Mapsheet	Published Date
Surrey	027_06	1870
Surrey	027_06	1896
Surrey	027_06	1912
Surrey	027_06	1935
Ordnance Survey Plan	TQ3255	1958
Ordnance Survey Plan	TQ3154	1965
Ordnance Survey Plan	TQ3155	1965
Ordnance Survey Plan	TQ3254	1967

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

1:10,560	Mapsheet	Published Date
Kent	027_00	1872
Surrey	027_00	1872
Surrey	027_NW	1914
Surrey	027_NW	1933
Ordnance Survey Plan	TQ35SW	1961
Ordnance Survey Plan	TQ35NW	1962
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ35NW	1975
Ordnance Survey Plan	TQ35SW	1977

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	March 2024	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2023	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2023	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	

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
2	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
3	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6619 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.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

Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	CWF	Clay-with-flints Formation	Clay, Silt, Sand and Gravel	Not Supplied - MIOCENE
	DBLB	Disturbed Blackheath Beds	Sand and Gravel	Not Supplied - Eocene

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LSNCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation and Newhaven Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Turonian
	HNCK	Holywell Nodular Chalk Formation and New Pit Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Cenomanian
	WZCK	West Melbury Marly Chalk Formation and Zig Zag Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Cenomanian
	UGS	Upper Greensand Formation	Siltstone and Sandstone	Not Supplied - Albian
	GLT	Gault Formation	Mudstone	Not Supplied - Albian

Geology 1:50,000 Maps

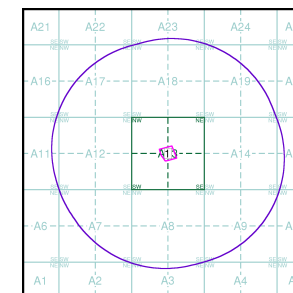
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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: 286
Map Name: Reigate
Map Date: 1967
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Available
Rock Segments: Not Supplied

Geology 1:50,000 Maps - Slice A

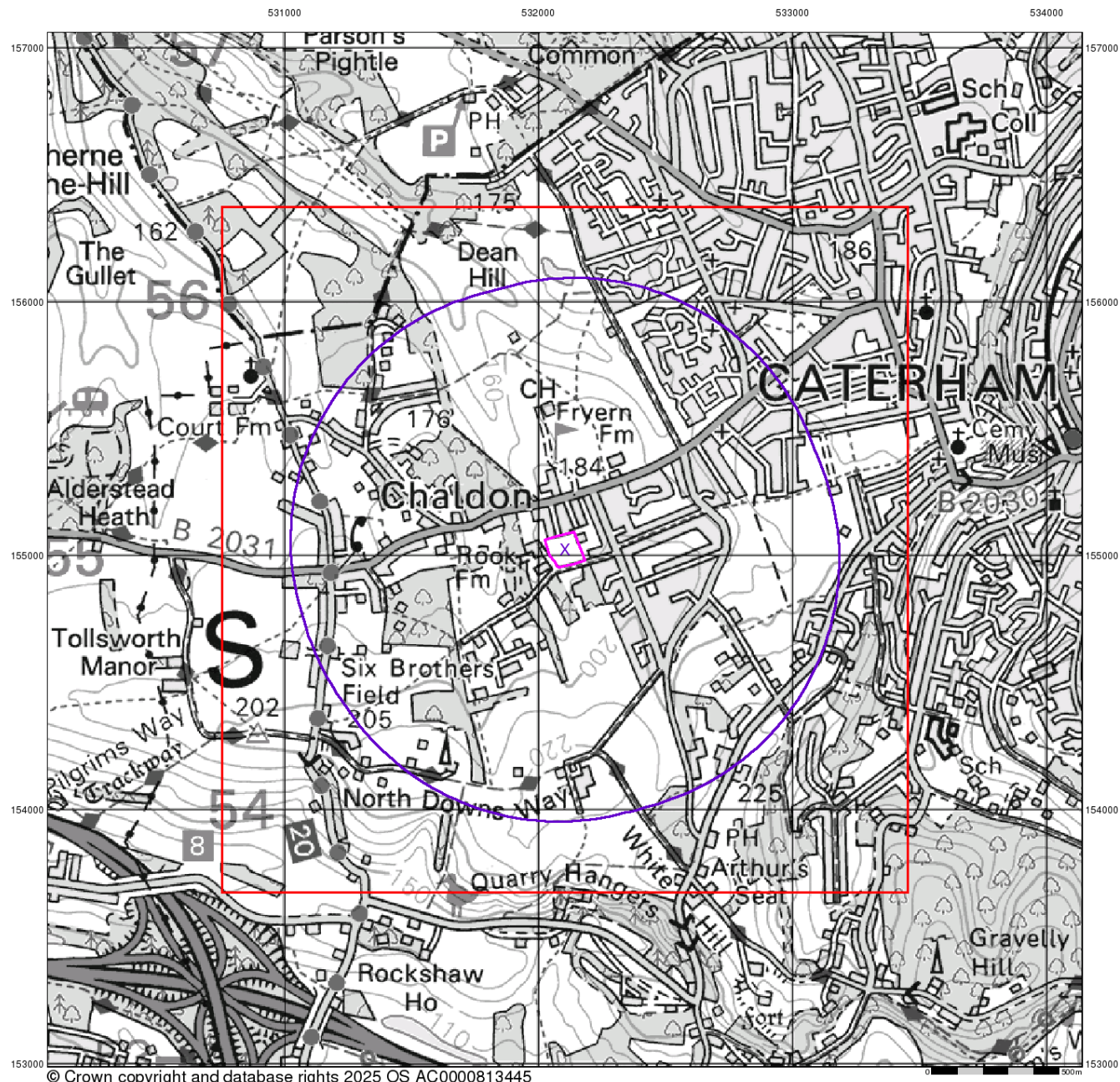


Order Details:

Order Number: 373176147_1_1
Customer Reference: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details:

Land at Mount Avenue, Chaldon, CATERHAM



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Artificial Ground and Landslip

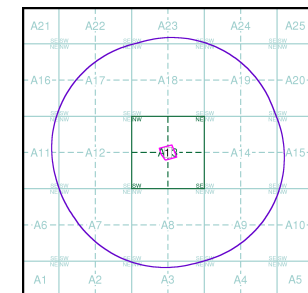
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

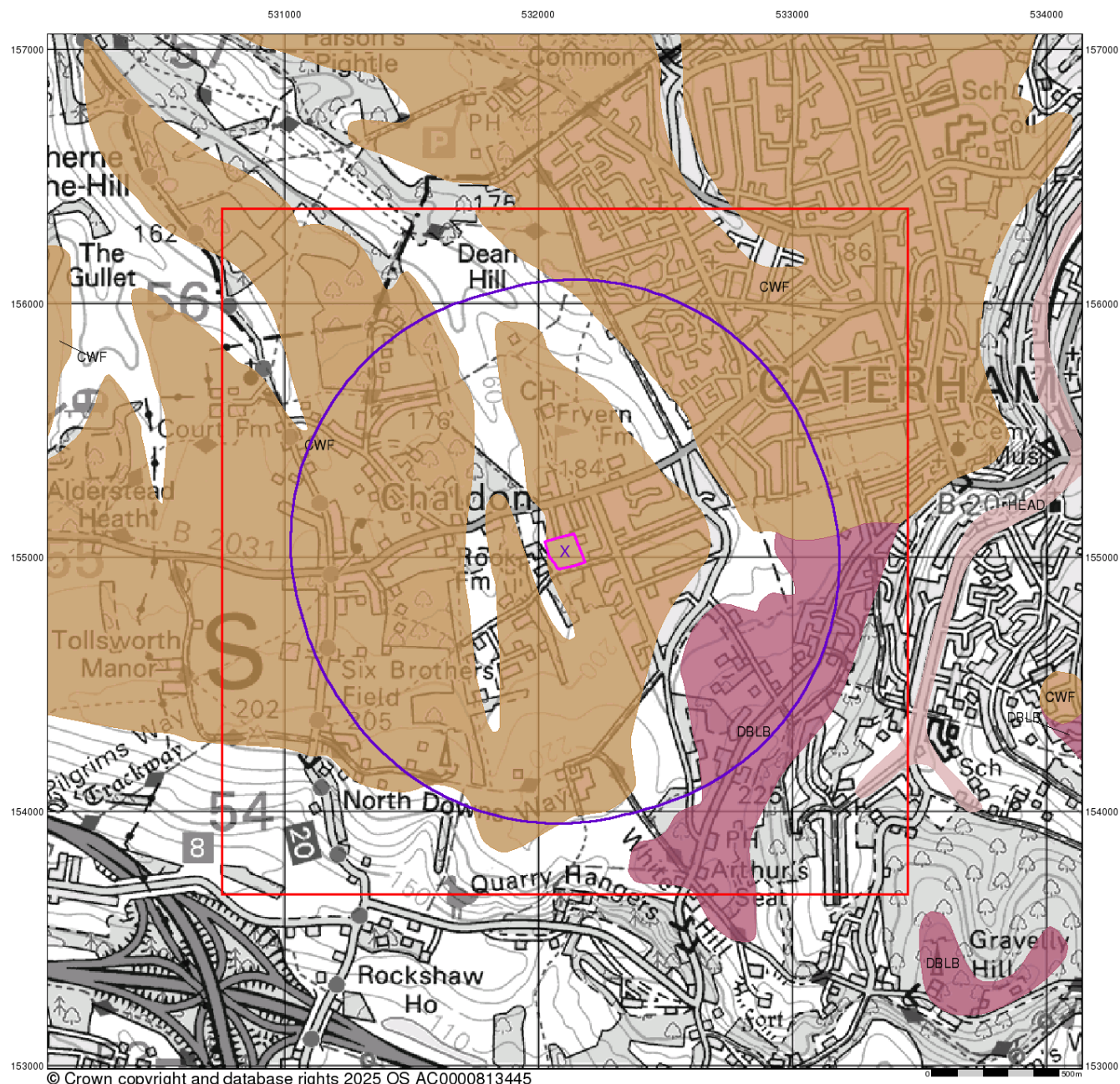


Order Details:

Order Number: 373176147_1_1
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Southern Testing
Environmental & Geotechnical

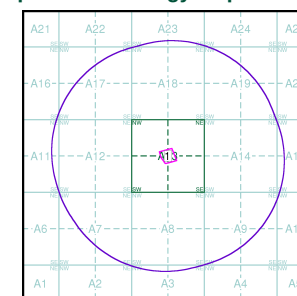
Superficial Geology

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:

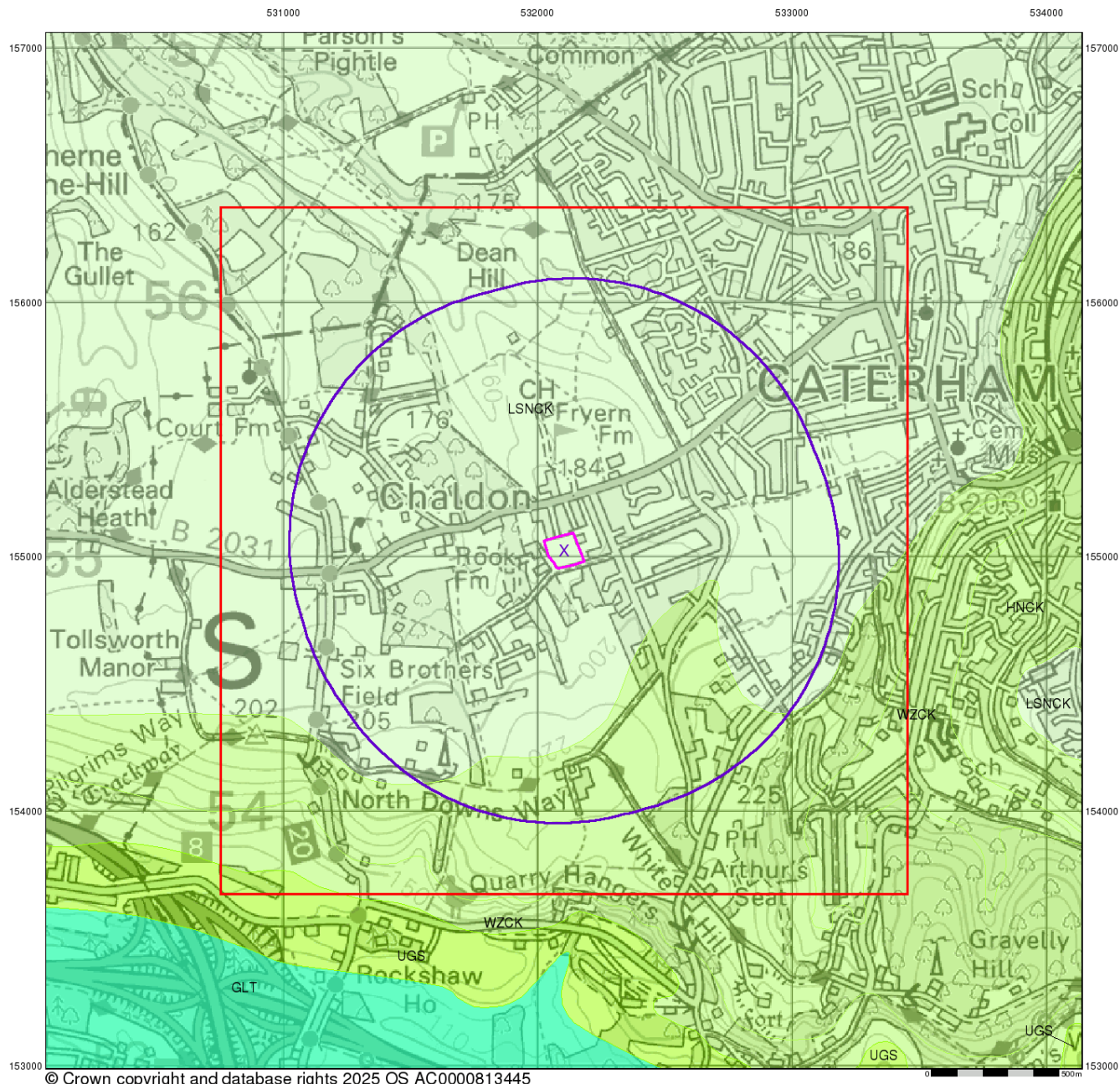
Order Number: 373176147_1_1
Customer Reference: J15961 Caterham (CL)
National Grid Reference: 532100, 155020
Slice: A
Site Area (Ha): 1.45
Search Buffer (m): 1000

Site Details:

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



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Bedrock and Faults

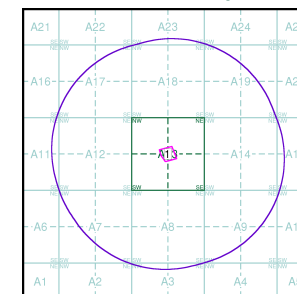
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

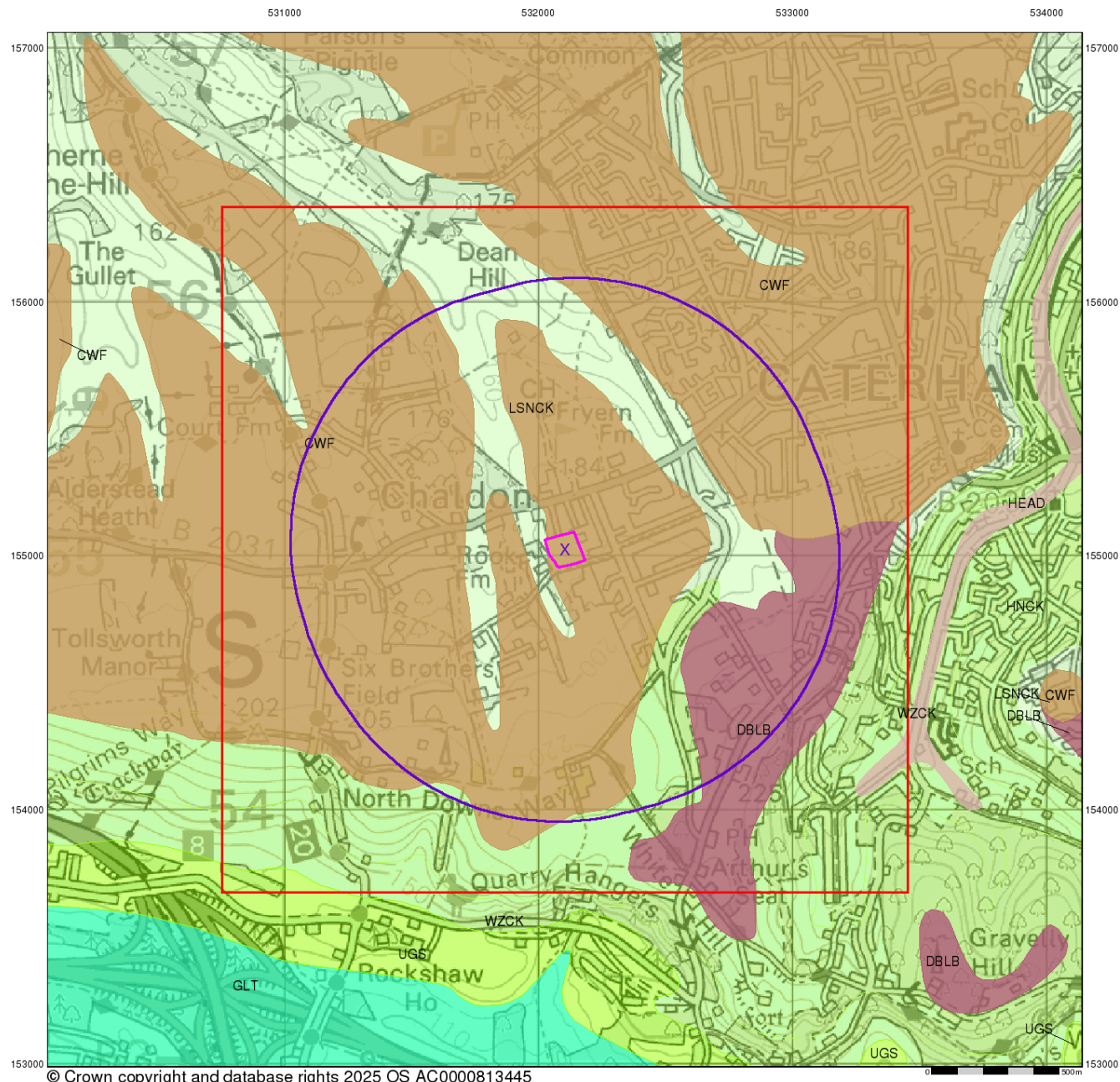


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Combined Surface Geology

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.

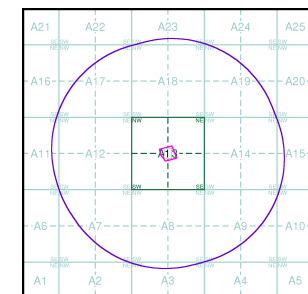
Additional Information

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: 373176147_1_1
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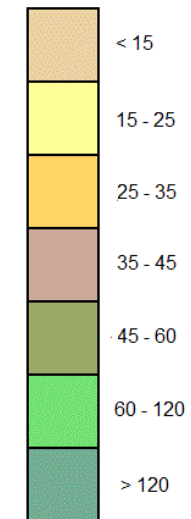
Land at Mount Avenue, Chaldon, CATERHAM

General

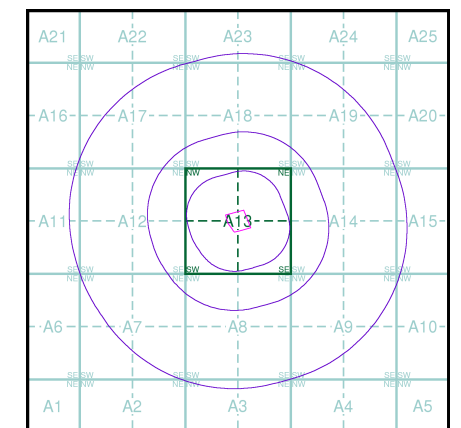
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

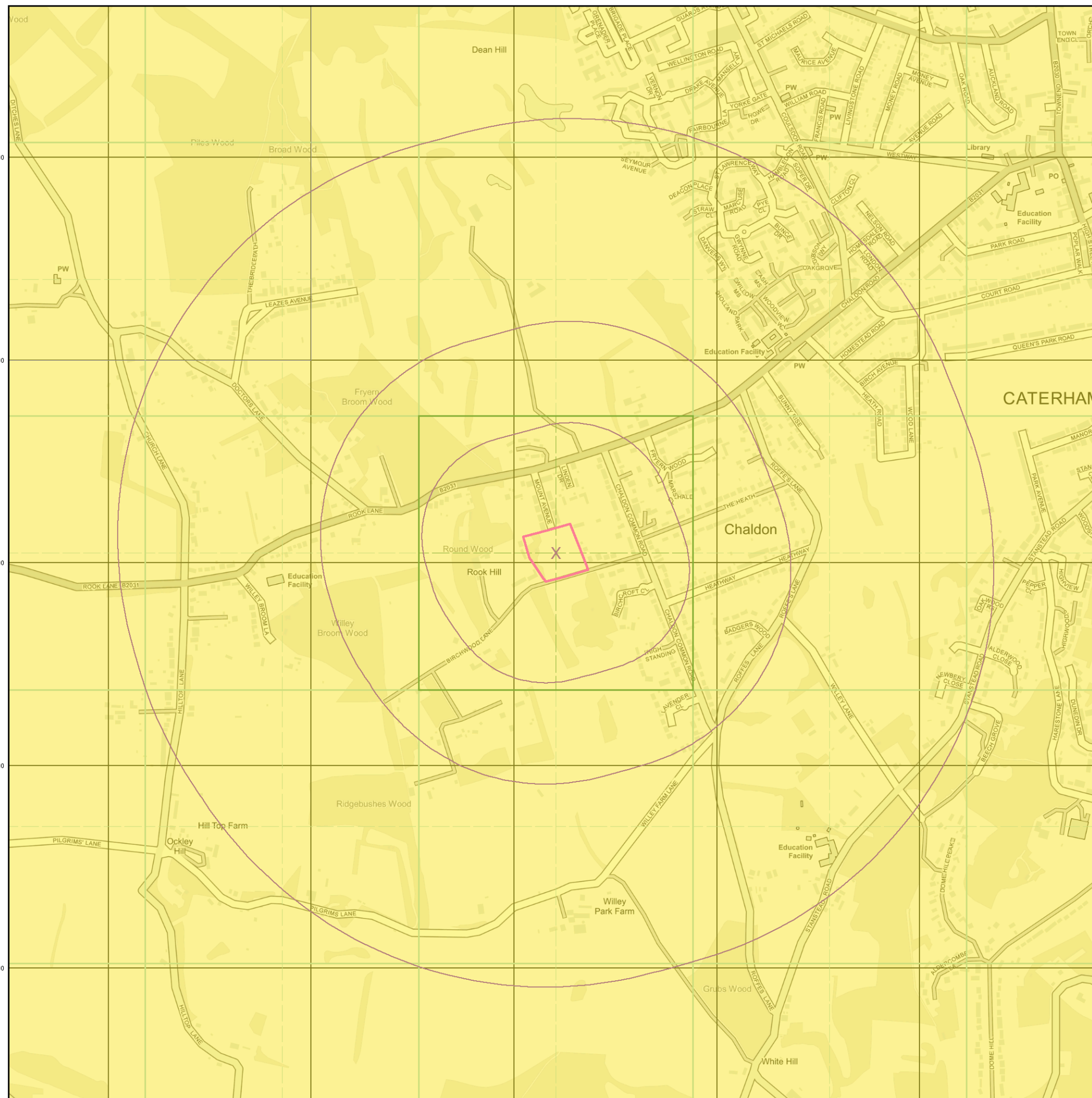


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Site Details

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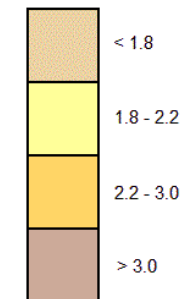


General

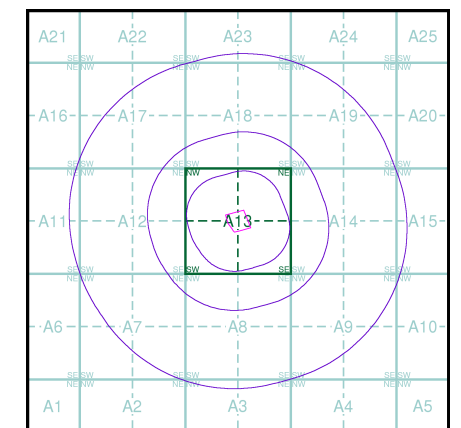
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A

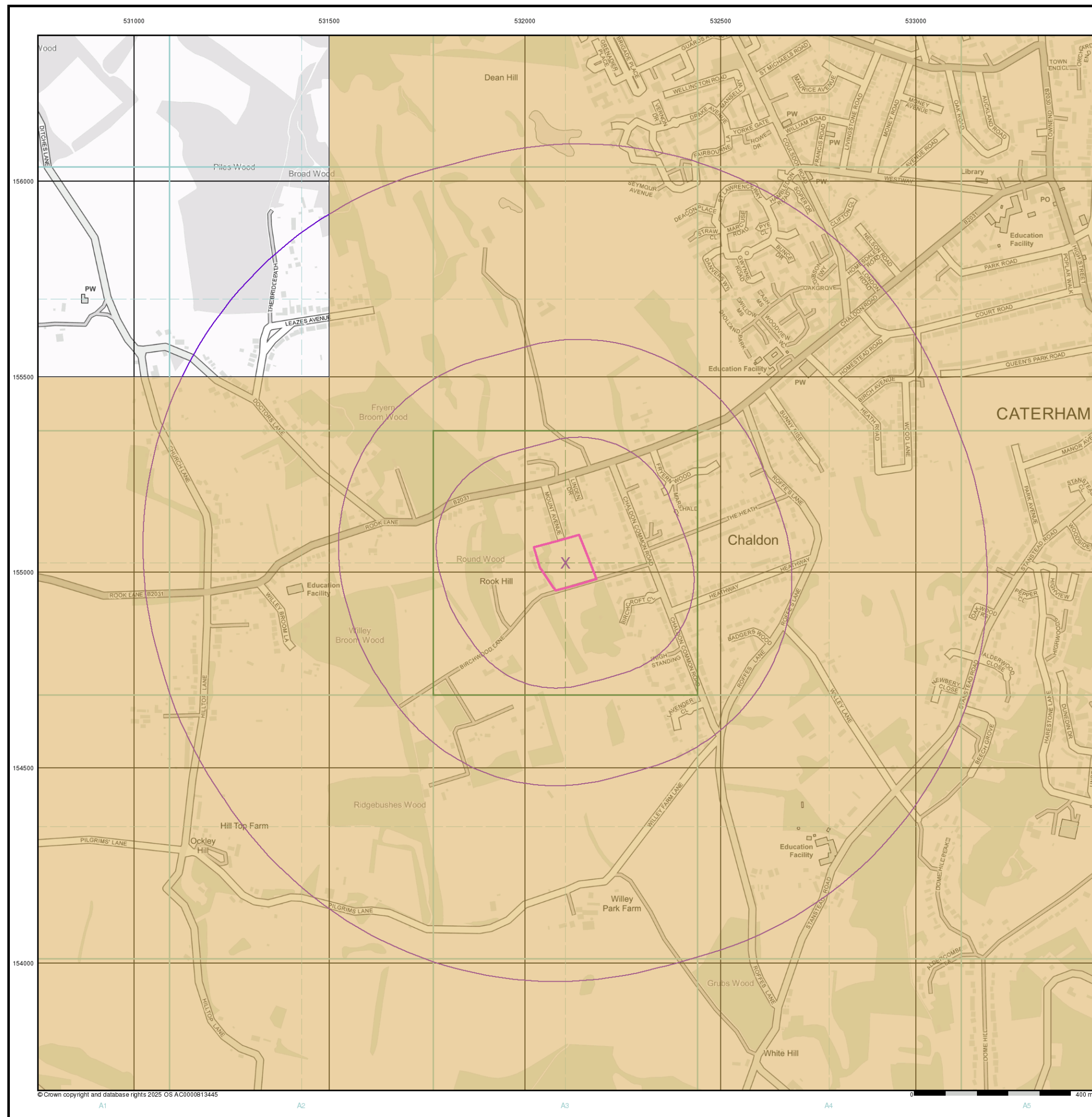


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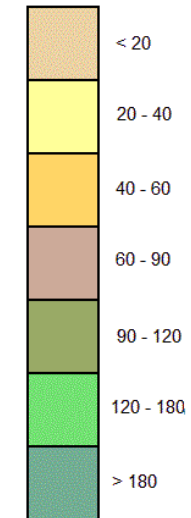


General

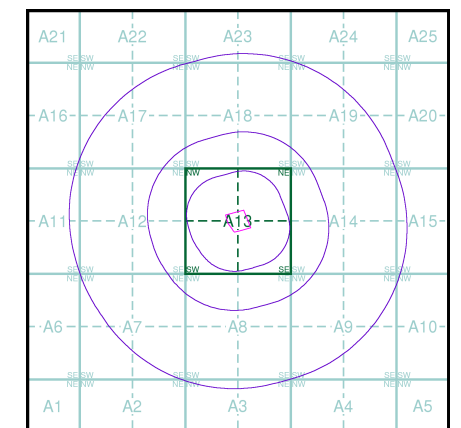
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

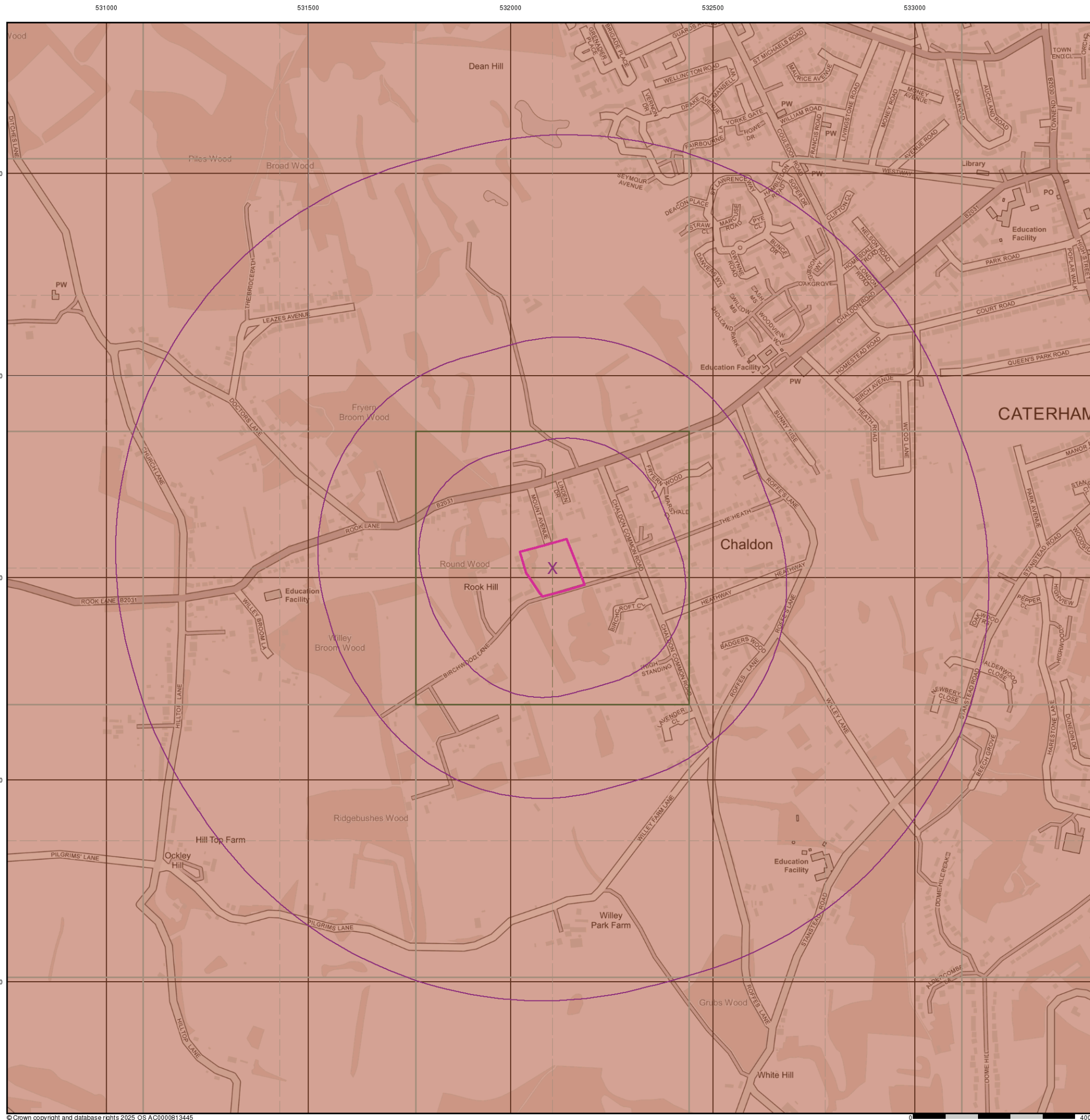


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Site Details

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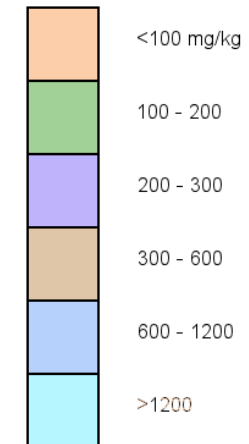


General

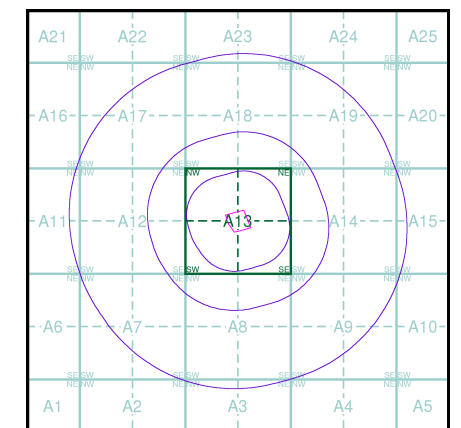
 Specified Site  Specified Buffer(s)  Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

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