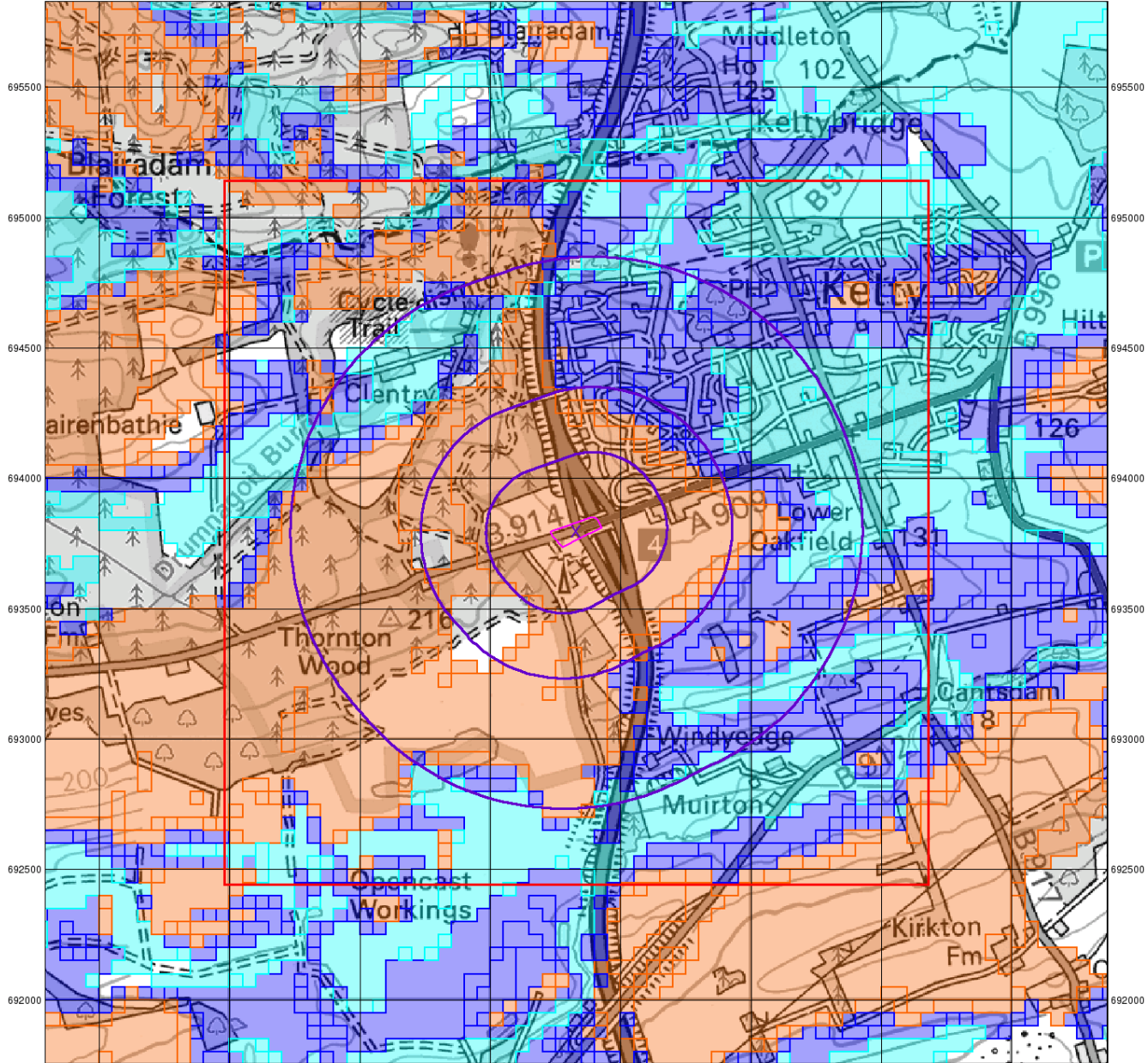


311500 312000 312500 313000 313500 314000 314500 315000



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0 1 km



BGS Flood GFS Data

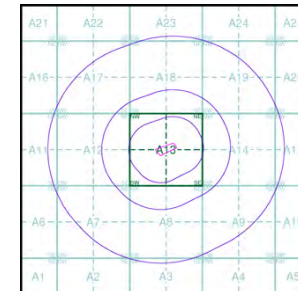
General

- 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: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details


Proposed Development Site, Kelty, KY4 0JR




Tel: 0844 844 9952
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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
	WMGR	Infilled Ground	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	PEAT	Peat	Peat	Not Supplied - Quaternary
	GFIC	Glaciofluvial Ice Contact Deposits	Gravel, Sand and Silt	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LSC	Limestone Coal Formation	Sedimentary Rock Cycles, Clackmannan Group Type	Not Supplied - Namurian
	ILS	INDEX LIMESTONE (SCOTLAND)	Limestone	Not Supplied - Namurian
	ULGS	Upper Limestone Formation	Sedimentary Rock Cycles, Clackmannan Group Type	Not Supplied - Namurian
	TOHO	Top Hosie Limestone	Limestone	Not Supplied - Visean
	LLGS	Lower Limestone Formation	Sedimentary Rock Cycles, Clackmannan Group Type	Not Supplied - Visean
	SHLS	Second Hosie Limestone	Limestone	Not Supplied - Visean
	HWKS	Hawkcraig Point Sill	Analcime-Microgabbro, Olivine	Not Supplied - Carboniferous
	LAFAS	Dinantian to Westphalian Sills of Lothians and Fife	Mafite	Not Supplied - EARLY MISSISSIPPIAN
		Rock Segments		
		Faults		



Geology 1:50,000 Maps

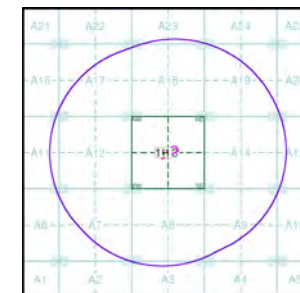
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	040
Map Name:	Dunfermline
Map Date:	1973
Bedrock Geology:	Not Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



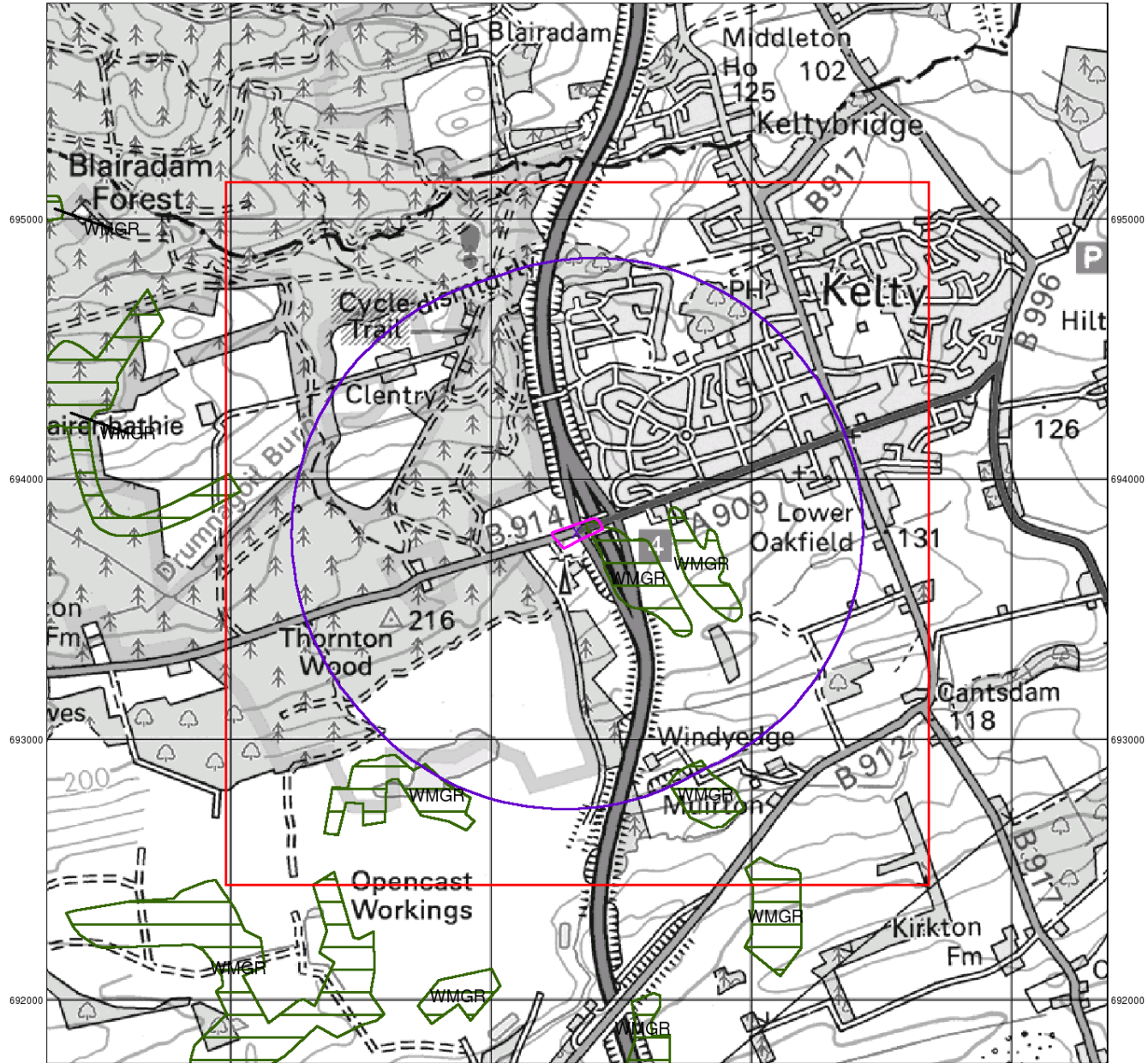
Order Details:

Order Number:	267464434_1_1
Customer Reference:	GA 14681
National Grid Reference:	313330, 693800
Slice:	A
Site Area (Ha):	1.11
Search Buffer (m):	1000

Site Details:

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312000 313000 314000 315000



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Artificial Ground and Landslip

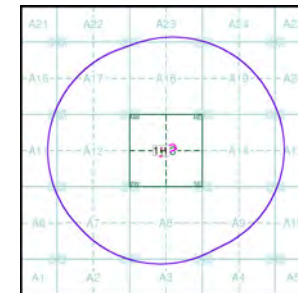
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

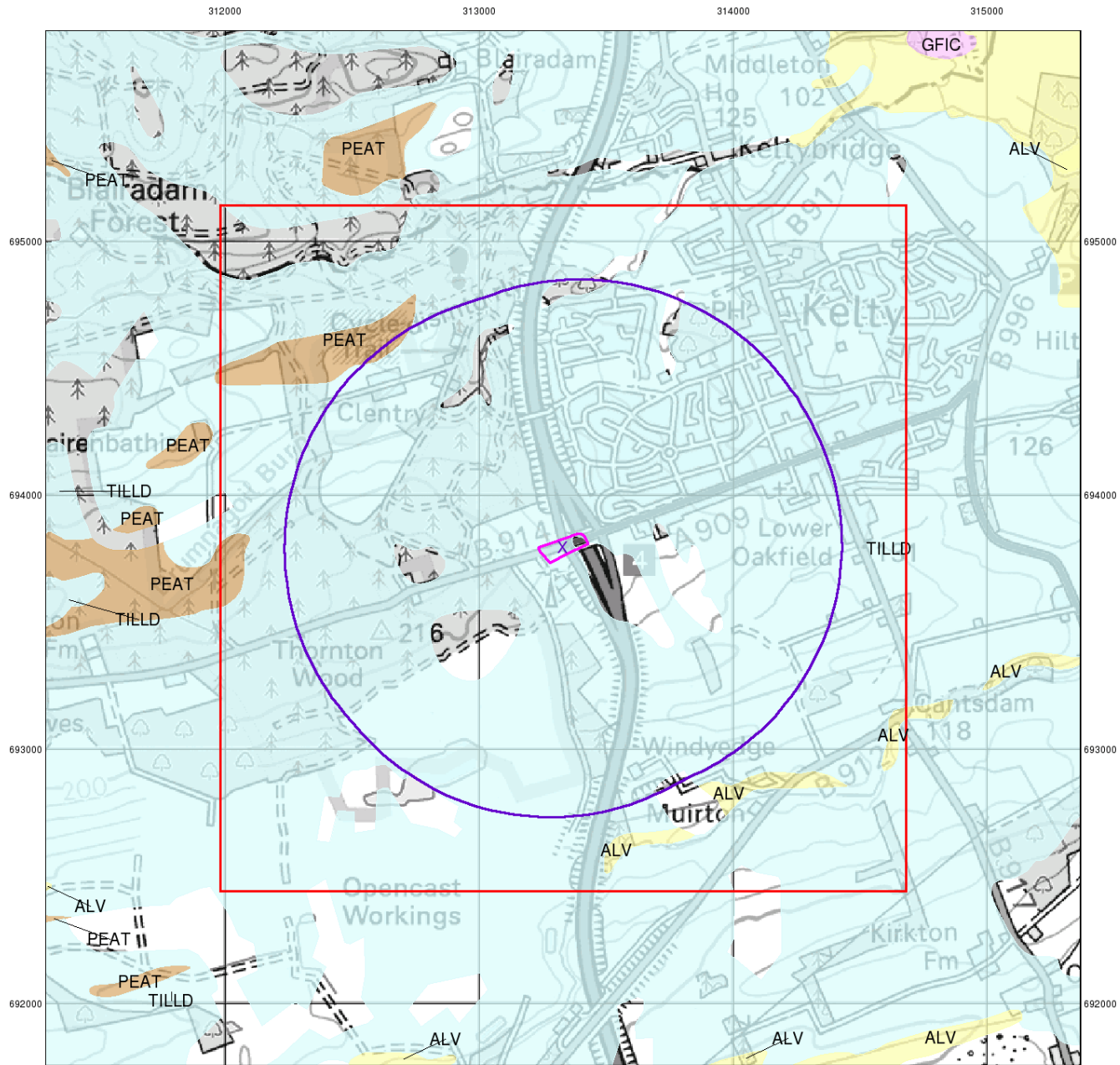
Order Number: 267464434_1_1
 Customer Reference: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details:

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Landmark
 INFORMATION GROUP

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 Web: www.envirocheck.co.uk



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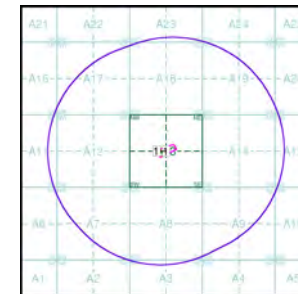
Superficial Geology

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:

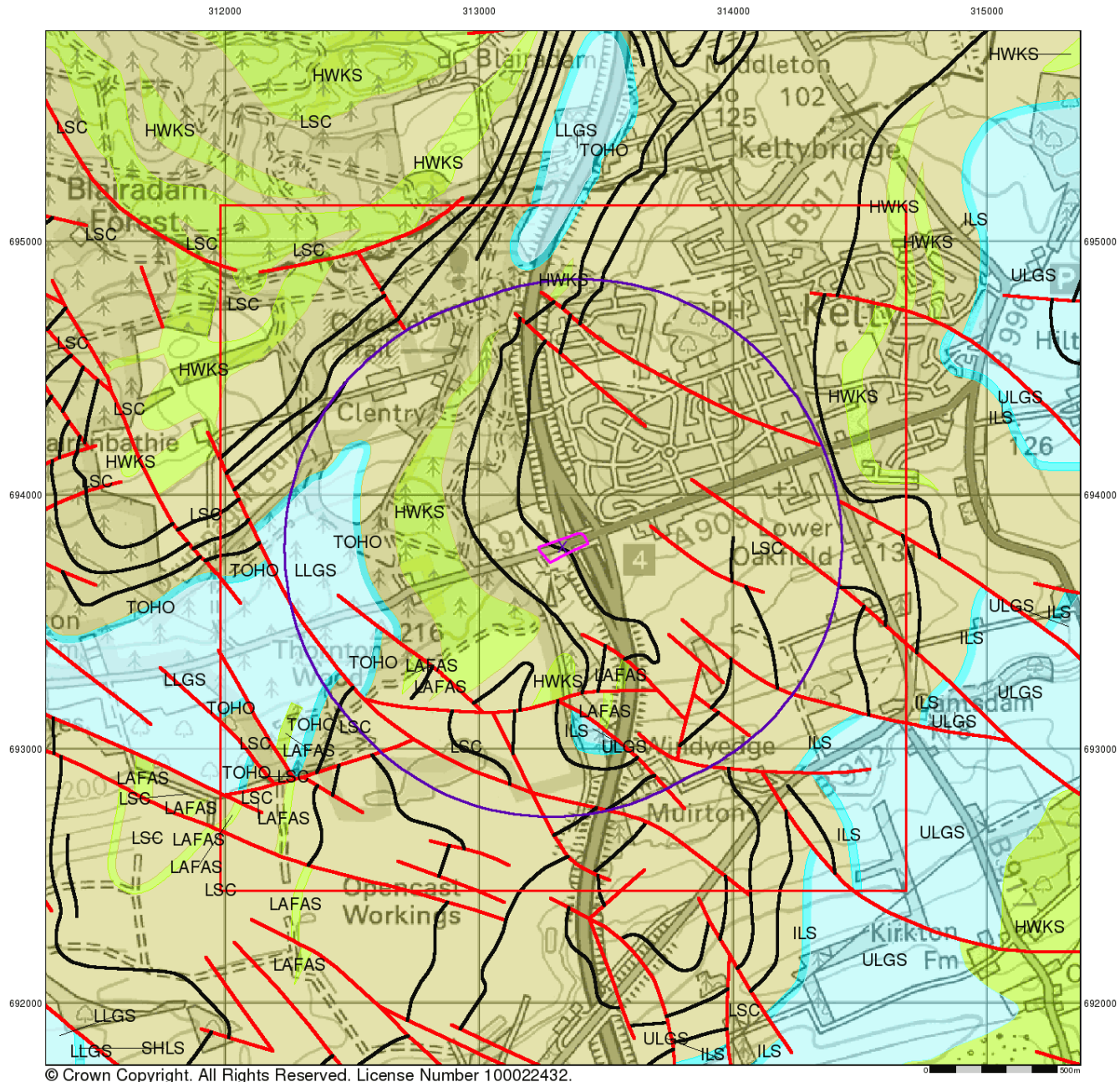
Order Number: 267464434_1_1
 Customer Reference: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

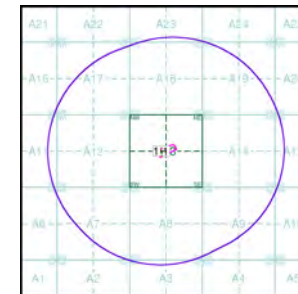
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

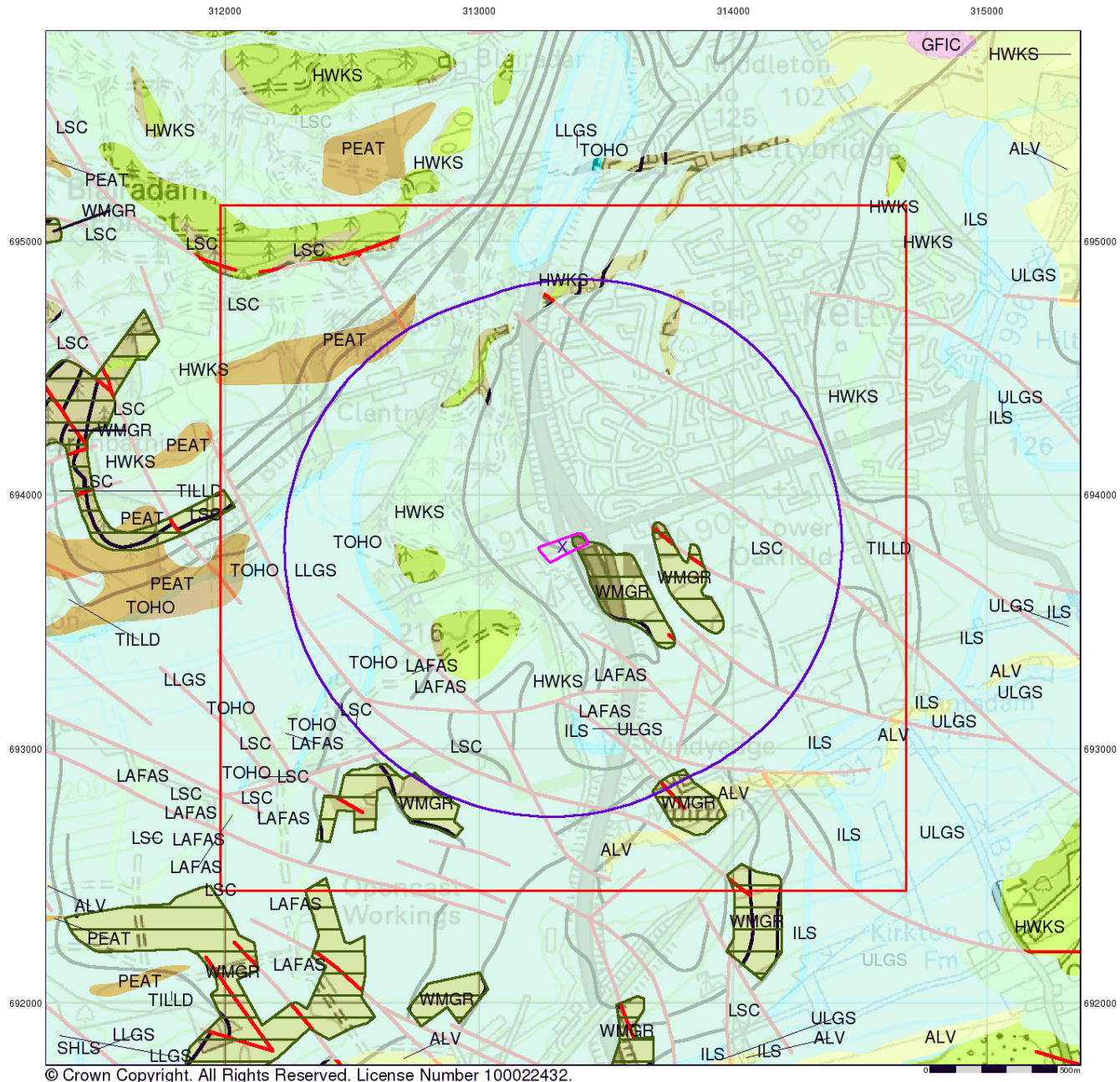
Order Number: 267464434_1_1
 Customer Reference: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
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Combined Surface Geology

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.

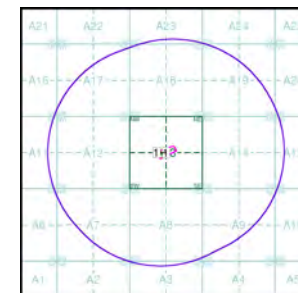
Additional Information

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:

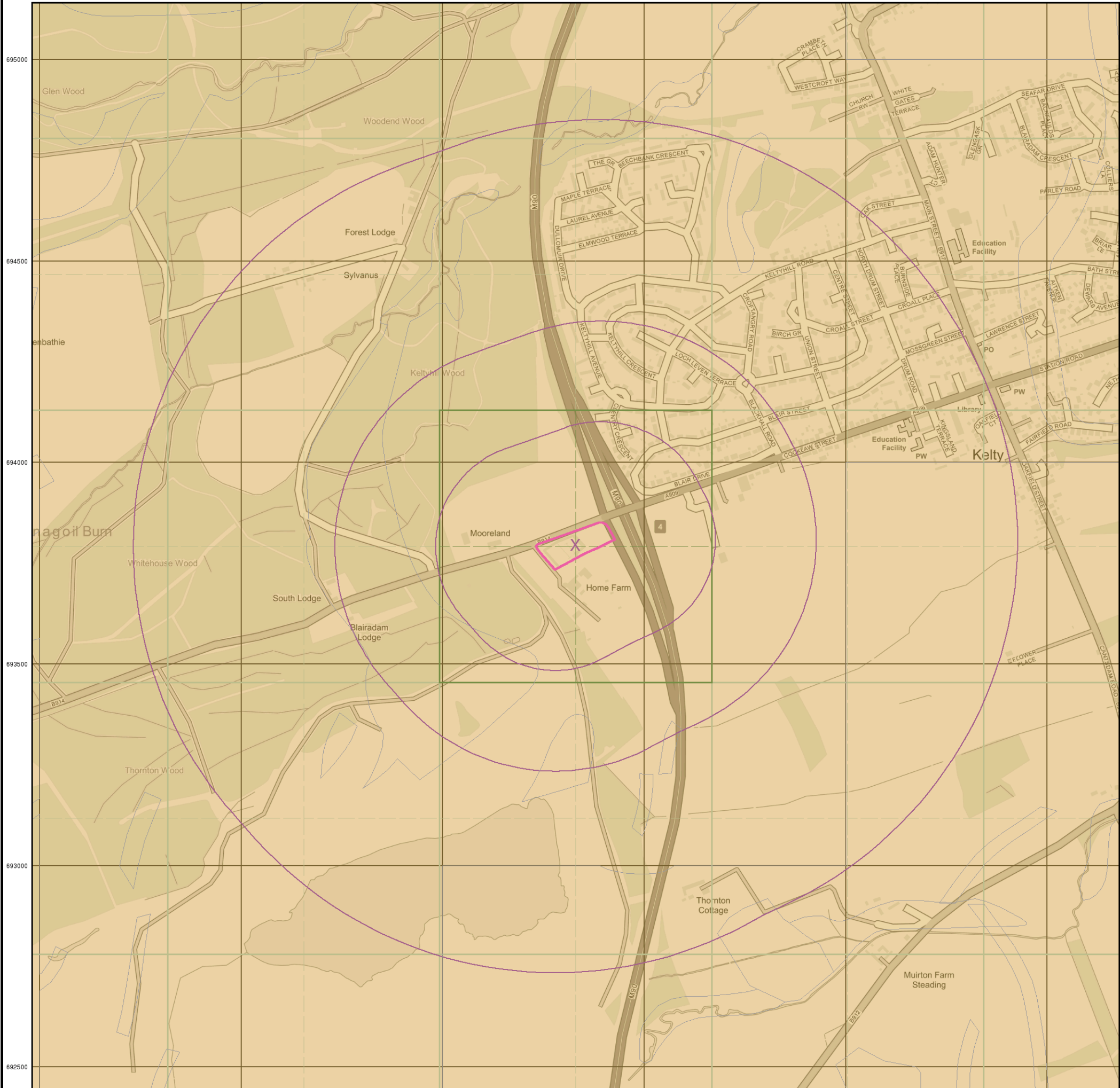
Order Number: 267464434_1_1
 Customer Reference: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

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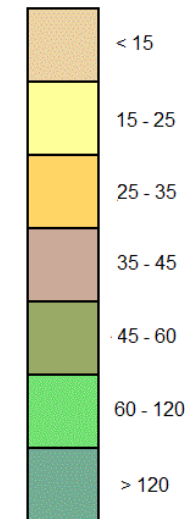


General

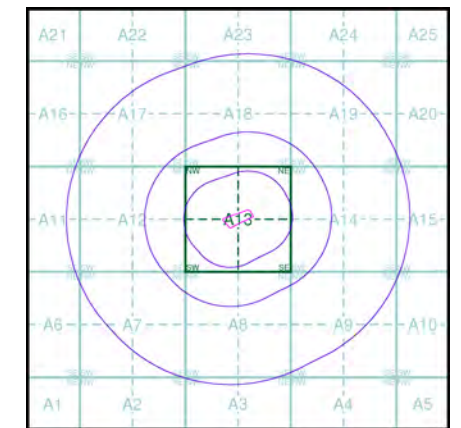
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A



Order Details

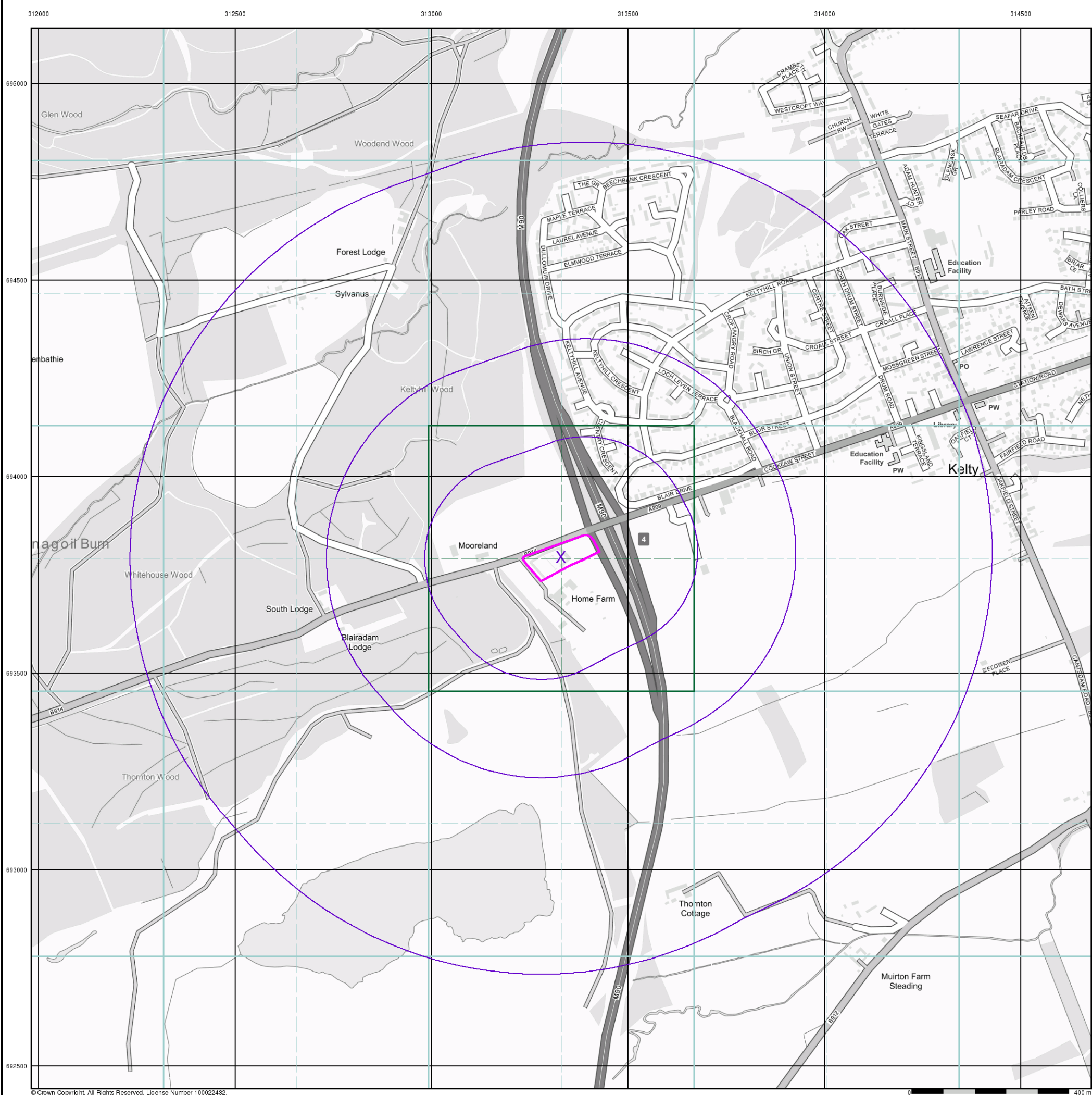
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 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR



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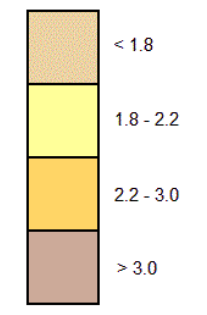


General

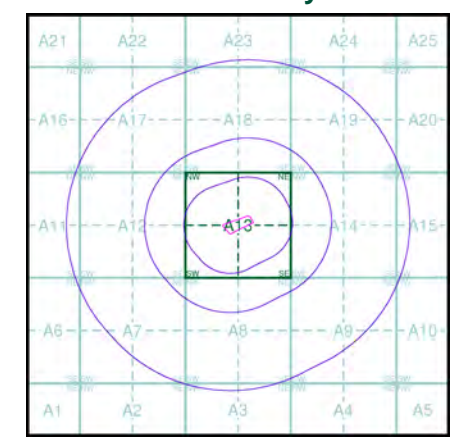
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR



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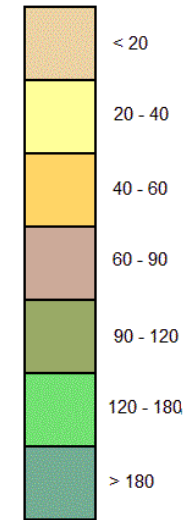


General

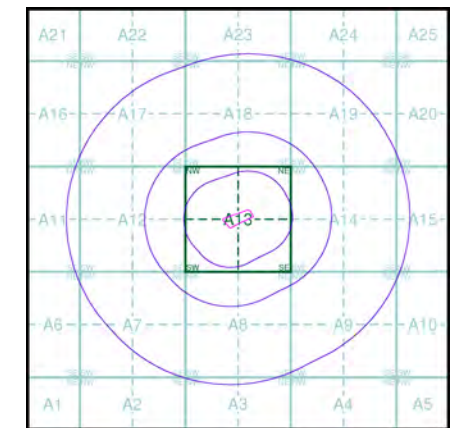
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A

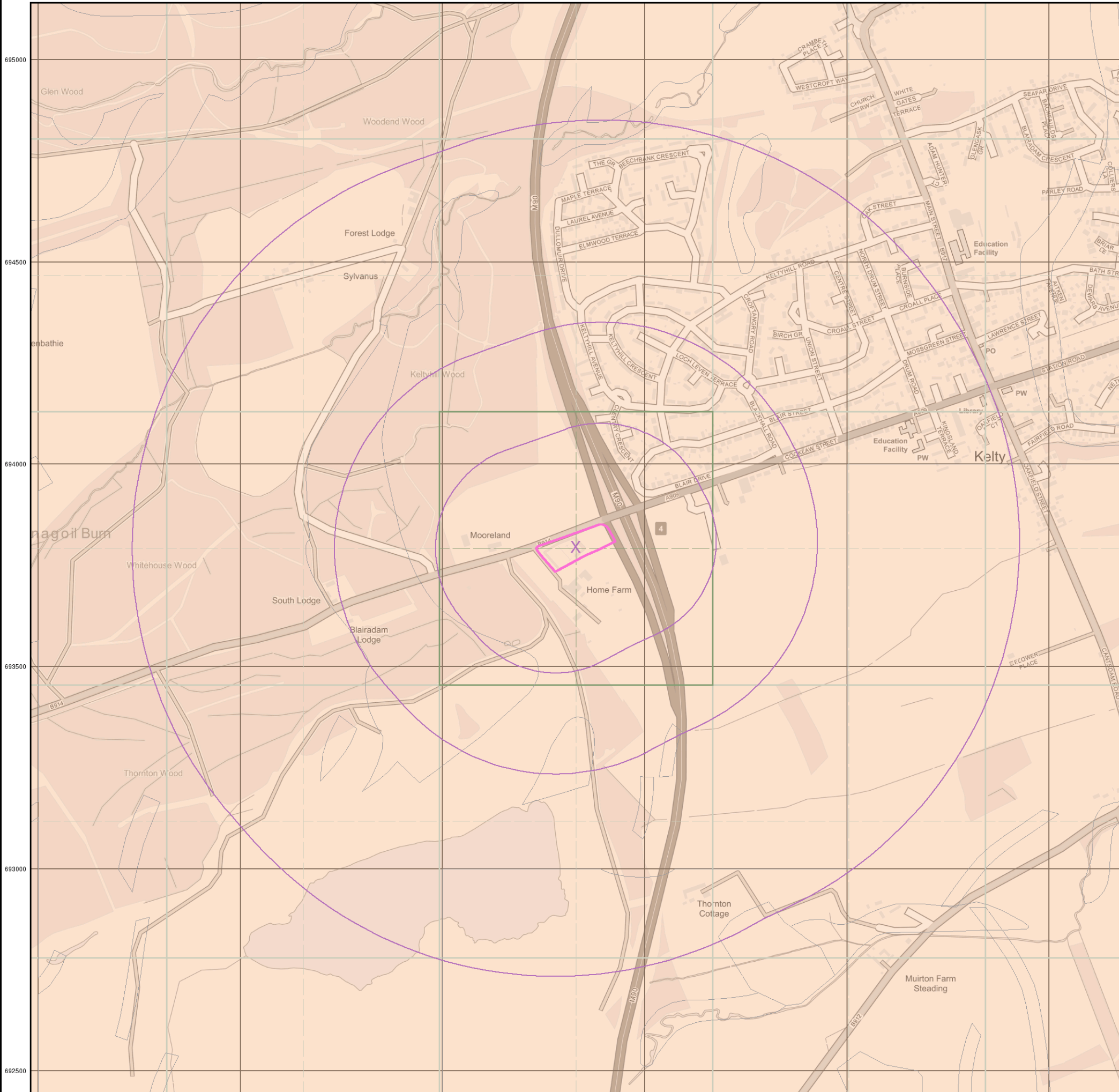


Order Details

Order Details: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR

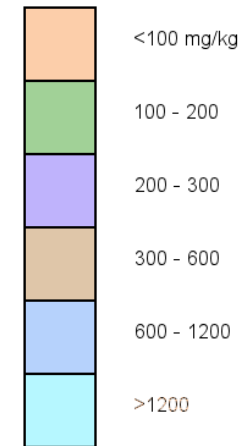


General

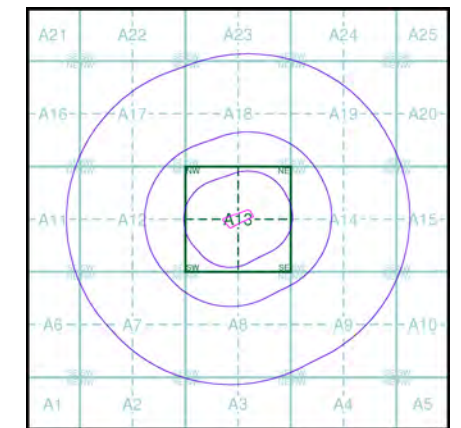
- Specified Site
- Specified Buffer(s)
- ✕ Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A

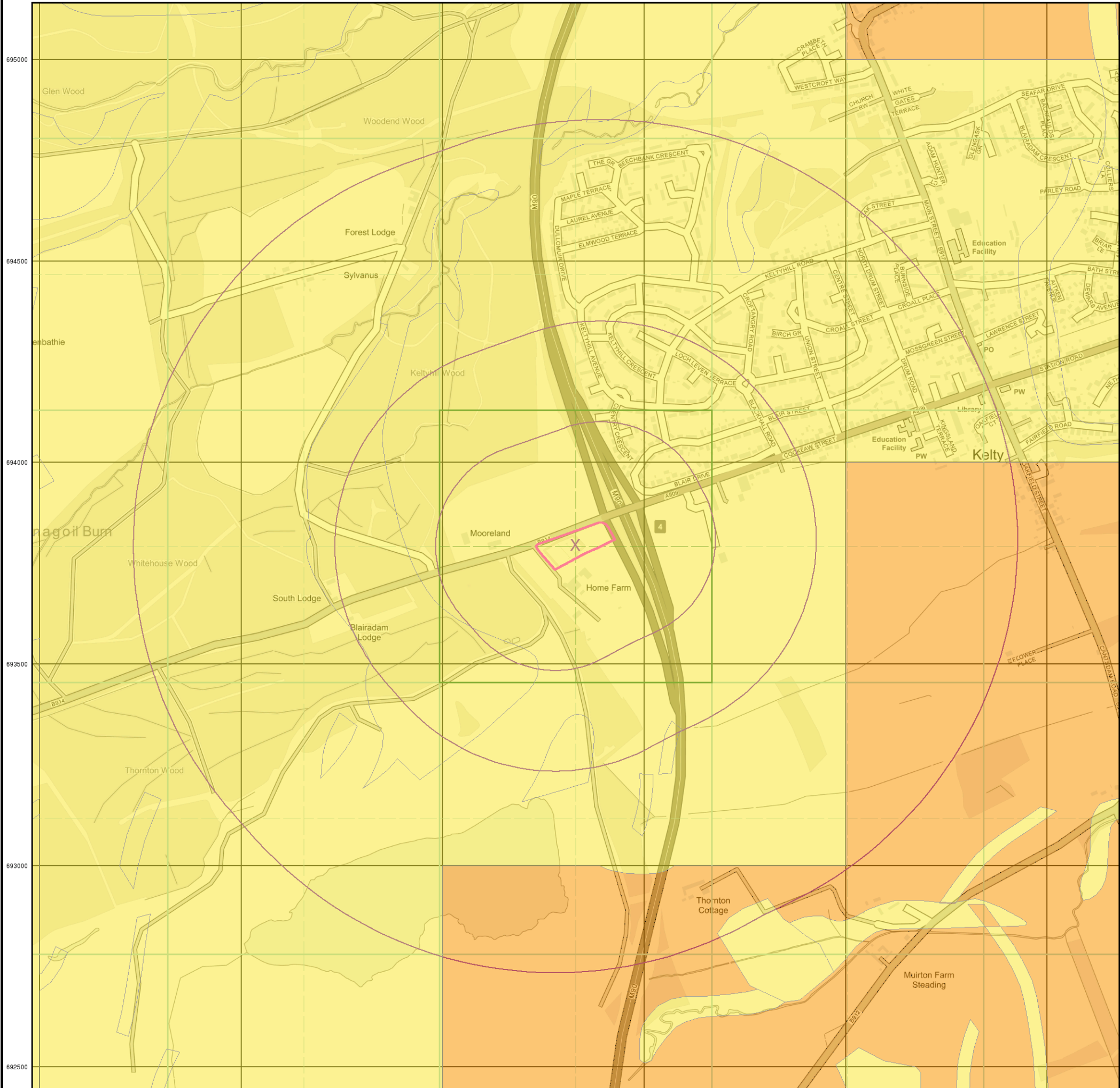


Order Details

Order Details: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR

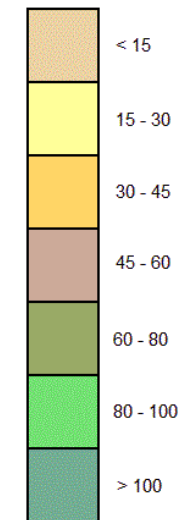


General

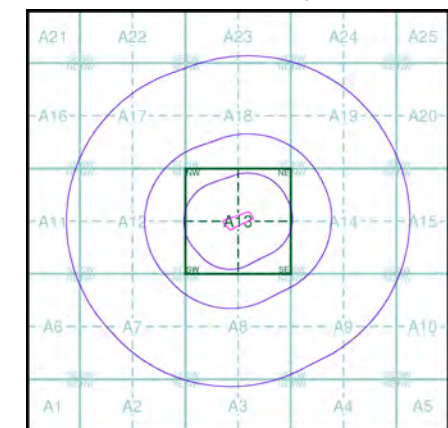
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

Order Details: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR



Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

267464434_1_1

Customer Reference:

GA 14681

National Grid Reference:

313330, 693800

Slice:

A

Site Area (Ha):

1.11

Search Buffer (m):

1000

Site Details:

Proposed Development Site

Kelty

KY4 0JR

Client Details:

Mr D Miller

Dam Geotechnical Services

Glenfield House

69 Glasgow Road

Dumbarton

G82 1RE



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)	-
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)	13
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)	15
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	16
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	17
Data Suppliers	18
Useful Contacts	19

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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.

Report Version v53.0



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		5	8	31
Coal Mining Affected Areas	pg 8	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 8	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 8	Yes		n/a	n/a
Potential Mining Areas	pg 8	2	5	3	20
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)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts	pg 13				3
Disturbed Ground					
General Quarrying	pg 13			1	4
Heap, unknown constituents					
Mineral Railway	pg 13				2
Mining & quarrying general	pg 13		1	1	2
Mining of coal & lignite	pg 13			1	7
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 14		1	3	12
Potentially Infilled Land (Water)	pg 14			1	
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 15	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 15	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Salt Mining Related Features					



Summary

Report Version v53.0



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Opencast Workings Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182272 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Dunfermline Splint Coal (Fife) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	107	1	313206 693657
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Surface Mine No. 2 Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182265 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Dunfermline Splint Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SE (S)	176	1	313342 693570
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Surface Mine No. 1 Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182264 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Dunfermline Splint Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13SW (S)	194	1	313306 693542
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Croftangry Wood Coal Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108899 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	185	1	313356 694032
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Opencast Workings Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182273 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Cowdenbeath Five Foot Coal (Fife) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	240	1	313562 693610
5	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Opencast Workings Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182274 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Mynheer Coal (Fife) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	338	1	313740 693683



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Thornton Wood Surface Mine Location: Lassodie, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 120649 Type: Opencast Status: Ceased Operator: Grant Construction Services Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Hawkcraig Point Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A8NW (SW)	416	1	313025 693405
7	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Whitehouse Wood Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108890 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Hawkcraig Point Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	420	1	312813 693774
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108924 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	439	1	313844 693674
9	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108900 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NW (E)	440	1	313850 693926
10	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108923 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14SW (E)	462	1	313885 693748
11	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108901 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NW (NE)	486	1	313845 694056



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108920 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NW (E)	493	1	313898 693954
13	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Opencast Workings Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182275 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Glassee Coal (Fife) Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A14SW (SE)	524	1	313879 693544
14	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mooreland Occs Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 1947 Type: Opencast Status: Ceased Operator: Expromin Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	532	1	312950 694245
15	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Whitehouse Wood Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 23343 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Hawkcraig Point Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A12SE (W)	544	1	312694 693721
16	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blairenbathie Quarry Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108889 Type: Underground Status: Ceased Operator: Carlingnose Granite Co. Operator Location: Not Supplied Periodic Type: Carboniferous, Permian Geology: Hawkcraig Point Sill Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	593	1	312684 694016
17	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blackhall Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108905 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	594	1	313871 694214



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<p>BGS Recorded Mineral Sites</p> <p>Site Name: North Lassodie No. 1 Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 1926 Type: Underground Status: Ceased Operator: J. Fenton & Sons (Contractors) Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	598	1	313884 693424
18	<p>BGS Recorded Mineral Sites</p> <p>Site Name: North Lassodie Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182269 Type: Underground Status: Ceased Operator: J. Fenton & Sons (Contractors) Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	620	1	313884 693390
18	<p>BGS Recorded Mineral Sites</p> <p>Site Name: North Lassodie No. 2 Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 29602 Type: Underground Status: Ceased Operator: J. Fenton & Sons (Contractors) Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	622	1	313918 693428
19	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blairadam Colliery No. 2 Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108907 Type: Underground Status: Ceased Operator: Fife Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Dunfermline Splint Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	631	1	313556 694461
20	<p>BGS Recorded Mineral Sites</p> <p>Site Name: North Lassodie Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182270 Type: Underground Status: Ceased Operator: J. Fenton & Sons (Contractors) Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	634	1	313880 693366
21	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Lassodie Mill Colliery Pit No 3 Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108963 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14NE (E)	655	1	314081 693837



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108902 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	664	1	313988 694167
23	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blackhall Coal Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108903 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A19SW (NE)	691	1	313815 694403
24	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Keltyhill Wood Coal Pit Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108913 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	691	1	313208 694517
25	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Keltyhill Wood Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 176081 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	706	1	313050 694479
26	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oakfield Coal Pit Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108921 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A14SE (E)	715	1	314075 693508
27	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Lassodie Mill Colliery No 2 Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182266 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kelty Main Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NW (SE)	748	1	313864 693202



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
27	BGS Recorded Mineral Sites Site Name: Lassodie Mill Colliery No 2 Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182267 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kelty Main Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	780	1	313859 693159
28	BGS Recorded Mineral Sites Site Name: Blackhall Coal Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108912 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	758	1	313820 694481
29	BGS Recorded Mineral Sites Site Name: Keltyhill Wood Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 23345 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NW (N)	794	1	313034 694567
30	BGS Recorded Mineral Sites Site Name: Kelty Colliery Pit Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108909 Type: Underground Status: Ceased Operator: Fife Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	801	1	313739 694574
31	BGS Recorded Mineral Sites Site Name: Lassodie Mill Colliery No 2 Mine Location: Lower Oakfield, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108925 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	802	1	313934 693188
32	BGS Recorded Mineral Sites Site Name: Thornton Wood Occs (Old) Location: Lassodie, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 29576 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	805	1	312950 693000



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
33	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Lassodie Mill Colliery Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182271 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9SW (SE)	825	1	313711 693030
34	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blairadam Opencast Site Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 255390 Type: Opencast Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Glassee Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	851	1	313700 694645
34	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Blairadam Blaes Quarry Location: Keltyhill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 255389 Type: Opencast Status: Ceased Operator: Fife Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m</p>	A19NW (NE)	860	1	313725 694645
35	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Keltyhill Coal Works Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 108911 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A18NW (N)	861	1	313159 694680
36	<p>BGS Recorded Mineral Sites</p> <p>Site Name: St Ninians- Thornton Wood- Surface Coal Mine Location: Lassodie, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 27178 Type: Opencast Status: Ceased Operator: Hargreaves Surface Mining Occw (House Of Water) Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Opencast Positional Accuracy: Located by supplier to within 10m</p>	A7SE (SW)	864	1	312825 693000
37	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Lassodie Mill Colliery, No. 3 Mine Location: Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 182268 Type: Underground Status: Ceased Operator: Rosewell Gas Coal Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kelty Main Coal (Fife) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	881	1	314196 693380



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	BGS Recorded Mineral Sites Site Name: Windyedge Colliery, No. 1 Mine Location: Lassodie Mill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 250357 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	891	1	313718 692959
39	BGS Recorded Mineral Sites Site Name: Windyedge Colliery, No. 2 Mine Location: Lassodie Mill, Kelty, Fife Source: British Geological Survey, National Geoscience Information Service Reference: 250358 Type: Underground Status: Ceased Operator: Individual'S Name Withheld Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A9SW (S)	952	1	313671 692867
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (S)	0	2	313330 693797
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (S)	0	3	313330 693797
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
40	Potential Mining Areas Name: Beath Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13NW (S)	0	4	313330 693797
41	Potential Mining Areas Name: Blairadam Ceased Operation: 1910 Commodity: Coal; Five Feet; Dunfermline Splint Reference: 5603 Alternate: Nos. 1, 2 Name/Mine: Custodian: Not Supplied	A13NW (S)	0	4	313330 693797
42	Potential Mining Areas Name: Blairadam Ceased Operation: 1924 Commodity: Coal; Glassee; Mynheer Reference: 8413 Alternate: Kinnaird Name/Mine: Alternate: No. 1 Name/Mine: Custodian: Not Supplied	A13NE (E)	153	4	313579 693793
43	Potential Mining Areas Name: Baliradam (Estate) Ceased Operation: 1888 Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: John C. Brodie and Sons, 5 Thistle Street, Edinburgh.	A13NE (E)	153	4	313579 693793



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	Potential Mining Areas Name: Kelty Ceased Operation: 1864 Commodity: Coal; Five Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A13NE (E)	153	4	313579 693793
45	Potential Mining Areas Name: Kelty Ceased Operation: 1838 Commodity: Coal; Main or Gin Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: John C. Brodie and Sons, 5 Thistle Street, Edinburgh.	A13NE (E)	153	4	313579 693793
46	Potential Mining Areas Name: Blairadam Ceased Operation: 1924 Commodity: Coal; Dunfermline Splint Reference: 8712 Alternate: No. 1 Name/Mine: Custodian: Not Supplied	A13NE (N)	223	4	313334 694074
47	Potential Mining Areas Name: Kelty Ceased Operation: 1838 Commodity: Coal; Lochy Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: John C. Brodie and Sons, 5 Thistle Street, Edinburgh.	A13NE (NE)	286	4	313583 694070
48	Potential Mining Areas Name: Lassodie Ceased Operation: 1931 Commodity: Coal; Two Feet; Five Feet; Eight Feet; Mynheer; Dunfermline Splint; Cairncubie; Swallowdrum; Six Feet; Upper Eight Feet Reference: 11159 Alternate: (including old workings in the Lochgelly Splint; Swallowdrum and Top Name/Mine: Cairncubie seams at Lochgelly No. 1) Alternate: Nos. 1, 2, 3, 4, 6, 7, 9, 10, 11 Name/Mine: Custodian: Not Supplied	A8NW (S)	464	4	313322 693269
49	Potential Mining Areas Name: Lassodie Ceased Operation: 1926 Commodity: Coal; Glassee; Lochgelly Splint Reference: 9974 Alternate: Nos. 4, 10, 11 Name/Mine: Custodian: Not Supplied	A8NW (S)	476	4	313169 693271
50	Potential Mining Areas Name: Blairenbathie Ceased Operation: Not Supplied Commodity: Coal; Five Feet; Glassee Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A12NE (NW)	539	4	312779 694081
51	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1912 Commodity: Coal; Rough; Duddie Davie Reference: Not Supplied Alternate: Nos. 1, 2 Name/Mine: Alternate: Waddell Name/Mine: Custodian: John and G.H. Geddes, 21 Young Street, Edinburgh.	A8NE (SE)	551	4	313572 693266



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1892 Commodity: Coal; Main Reference: Not Supplied Alternate: No. 2 Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A8NE (SE)	551	4	313572 693266
53	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1910 Commodity: Coal; Main Diamond; Swallowdrum Reference: 5546 Alternate: No. 3 Name/Mine: Custodian: Not Supplied	A8NE (SE)	551	4	313572 693266
54	Potential Mining Areas Name: Windyedge Ceased Operation: Not Supplied Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A8NE (SE)	551	4	313572 693266
55	Potential Mining Areas Name: Lindsay Ceased Operation: 1935 Commodity: Coal; Glassee; Jewel; Five Feet Reference: 9426 Alternate: Nos. 4, 5 Name/Mine: Custodian: Not Supplied	A14SW (E)	555	4	313981 693787
56	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1928 Commodity: Coal; Dunfermline Splint; Glassee; Mynheer; Five Feet; Diamond; Lochgelly Splint; Swallowdrum Reference: 7899 Alternate: No. 1 Name/Mine: Alternate: Waddell Name/Mine: Custodian: Not Supplied	A14SW (E)	555	4	313981 693787
57	Potential Mining Areas Name: Kelty Ceased Operation: 1872 Commodity: Coal; Kinglassie Splint; Two Feet; Main Reference: Not Supplied Alternate: Beath Engine Name/Mine: Alternate: Engine Name/Mine: Alternate: Nos. 2, 3 Name/Mine: Custodian: Williamson, Miller and Currie, 12 St. Andrew Square, Edinburgh.	A14SW (E)	555	4	313981 693787
58	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1898 Commodity: Coal; Main; Glasee; Swallowdrum Reference: Not Supplied Alternate: No. 3 Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A14SW (E)	572	4	313979 693662
59	Potential Mining Areas Name: Lassodie Mill Ceased Operation: 1927 Commodity: Coal; Top and Lower Jersey or Diamond; Kinglassie Splint; Main Reference: 8655 Alternate: Waddell Name/Mine: Custodian: Not Supplied	A14SW (E)	572	4	313979 693662



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
60	Potential Mining Areas Name: Kelly Ceased Operation: 1876 Commodity: Coal; Three Feet; Five Feet Reference: Not Supplied Alternate: Bridge Name/Mine: Alternate: Nos. 1, 2 Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A14NW (E)	615	4	313985 694064
61	Potential Mining Areas Name: Blairenbathie Ceased Operation: 1925 Commodity: Coal; Five Feet; Lochgelly No.1; Lochgelly No.2; Lochgelly No.3; Lochgelly No.4; Diamond; Swallowdrum; Main; Dunfermline Splint Reference: 8415 Alternate: Nos. 1, 2 Name/Mine: Custodian: Not Supplied	A17NE (NW)	823	4	312784 694484
62	Potential Mining Areas Name: Blairenbathie (District) Ceased Operation: Not Supplied Commodity: Coal; Five Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Fife Coal Co. Ltd., Cowdenbeath.	A17NE (NW)	823	4	312784 694484
63	Potential Mining Areas Name: Aitken Ceased Operation: 1933 Commodity: Coal; Dunfermline Splint; Mynheer; Wee Reference: 11929 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A19SW (NE)	853	4	313991 694467
64	Potential Mining Areas Name: Kelly Ceased Operation: 1895 Commodity: Coal; Kinglassie Splint; Main; Upper Jersey; Lower Jersey; Fireclay; At Twenty-three Fathoms Reference: 7898 Alternate: Nos. 2, 3 Name/Mine: Custodian: Not Supplied	A19SW (NE)	853	4	313991 694467
65	Potential Mining Areas Name: Blairadam Lands Ceased Operation: 1876 Commodity: Coal; Splint; Seam unnamed; at seventeen fathoms Reference: 592 Alternate: Blairenbathie Name/Mine: Alternate: Northertown Bridge Name/Mine: Custodian: Not Supplied	A12NW (W)	906	4	312376 694087
66	Potential Mining Areas Name: Kelly Ceased Operation: 1876 Commodity: Coal; Five Feet Reference: 589 Alternate: Blairenbathie or Blairadam No. 2 Name/Mine: Custodian: Not Supplied	A12NW (W)	906	4	312376 694087
67	Potential Mining Areas Name: Lindsay Ceased Operation: 1934 Commodity: Coal; Main Reference: 11761 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A15SW (E)	957	4	314383 693782



Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
68	Potential Mining Areas Name: Lindsay Ceased Operation: 1921 Commodity: Coal; Main; Two Feet; Upper Jersey; Lower Splint; Lower Jersey Reference: 7897 Alternate Name/Mine: Aitken Alternate Name/Mine: Nos. 4, 5 Custodian: Not Supplied	A15SW (E)	957	4	314383 693782
69	Potential Mining Areas Name: Lindsay Ceased Operation: 1930 Commodity: Coal; Little Splint Reference: 11346 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A15NW (E)	993	4	314387 694059



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	Air Shafts Use: Not Supplied Date of Mapping: 1920	A18SE (N)	611	-	313501 694452
71	Air Shafts Use: Not Supplied Date of Mapping: 1896 - 1959	A19SW (NE)	669	-	313991 694172
72	Air Shafts Use: Not Supplied Date of Mapping: 1896 - 1920	A19SW (NE)	697	-	313831 694398
73	General Quarrying Use: Not Supplied Date of Mapping: 1896	A12SE (W)	423	-	312811 693774
74	General Quarrying Use: Not Supplied Date of Mapping: 1856	A12SE (W)	544	-	312695 693708
75	General Quarrying Use: Not Supplied Date of Mapping: 1896 - 1959	A12NE (W)	598	-	312679 694016
76	General Quarrying Use: Not Supplied Date of Mapping: 1952	A19SW (NE)	686	-	313726 694452
77	General Quarrying Use: Not Supplied Date of Mapping: 1856	A18NW (N)	807	-	313033 694580
78	Mineral Railway Use: Not Supplied Date of Mapping: 1896	A18SE (N)	637	-	313578 694460
79	Mineral Railway Use: Not Supplied Date of Mapping: 1896 - 1959	A9SW (SE)	976	-	313723 692862
80	Mining & quarrying general Use: Not Supplied Date of Mapping: 1896	A13NE (N)	186	-	313360 694034
81	Mining & quarrying general Use: Not Supplied Date of Mapping: 1920	A14SW (E)	445	-	313850 693672
82	Mining & quarrying general Use: Not Supplied Date of Mapping: 1952	A18SE (N)	611	-	313501 694452
83	Mining & quarrying general Use: Not Supplied Date of Mapping: 1989	A9SW (SE)	825	-	313711 693030
84	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1856	A14NW (E)	493	-	313900 693946
85	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1856	A14NW (NE)	519	-	313886 694050
86	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1896 - 1920	A18SE (N)	619	-	313547 694450
87	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1856	A19SW (NE)	668	-	313997 694160
88	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1856	A19SW (NE)	691	-	313825 694395
89	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1896 - 1959	A14SE (E)	726	-	314089 693512
90	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1856	A14SE (E)	727	-	314088 693505



Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
91	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1952 - 1959	A9SW (SE)	880	-	313741 692983
92	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A13NE (N)	186	-	313360 694034
93	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12SE (W)	423	-	312811 693774
94	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SW (E)	445	-	313850 693672
95	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14NW (E)	493	-	313900 693946
96	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14NW (NE)	519	-	313886 694050
97	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12SE (W)	544	-	312695 693708
98	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A12NE (W)	598	-	312679 694016
99	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	611	-	313501 694452
100	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A18SE (N)	619	-	313547 694450
101	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	668	-	313997 694160
102	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	669	-	313991 694172
103	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	686	-	313726 694452
104	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A19SW (NE)	691	-	313825 694395
105	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SE (E)	726	-	314089 693512
106	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A14SE (E)	727	-	314088 693505
107	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989	A9SW (SE)	880	-	313741 692983
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1920	A19SW (NE)	448	-	313736 694148



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.				
109	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
110	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	313369 693810
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
111	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
112	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	313394 693839
113	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	230	1	313398 693535
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	244	1	313142 693533
114	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	244	1	313142 693533
115	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (S)	0	1	313330 693797
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	313369 693810
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	244	1	313142 693533



Historical Map List

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

1:2,500	Mapsheets	Published Date
Fifeshire	034_02	1896
Fifeshire	034_06	1896
Fifeshire	034_02	1915
Fifeshire	034_06	1915
Fifeshire	034_02	1943
Fifeshire	034_06	1943
Ordnance Survey Plan	NT1293	1962
Ordnance Survey Plan	NT1294	1962
Ordnance Survey Plan	NT1393	1962
Ordnance Survey Plan	NT1394	1962

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

1:10,560	Mapsheets	Published Date
Fifeshire	030_00	1856
Fifeshire	034_NE	1896
Fifeshire	034_NW	1896
Fifeshire	034_SE	1896
Fifeshire	034_SW	1896
Fifeshire	034_NE	1920
Fifeshire	034_NW	1920
Fifeshire	034_SE	1920
Fifeshire	034_SW	1920
Fifeshire	034_NE	1938
Fifeshire	034_SE	1938
Fifeshire	034_NW	1952
Ordnance Survey Plan	NT19NW	1959
Ordnance Survey Plan	NT19SW	1959
1:10,000	Mapsheets	Published Date
Ordnance Survey Plan	NT19NW	1978
Ordnance Survey Plan	NT19SW	1989










Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2020	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	October 2020	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Stantec UK Ltd	October 2020	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	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Brine Subsidence Solution Area Johnson Poole & Bloomer	January 2015	Annual Rolling Update



Data Suppliers

A selection of organisations who provide data within this report

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



Useful Contacts

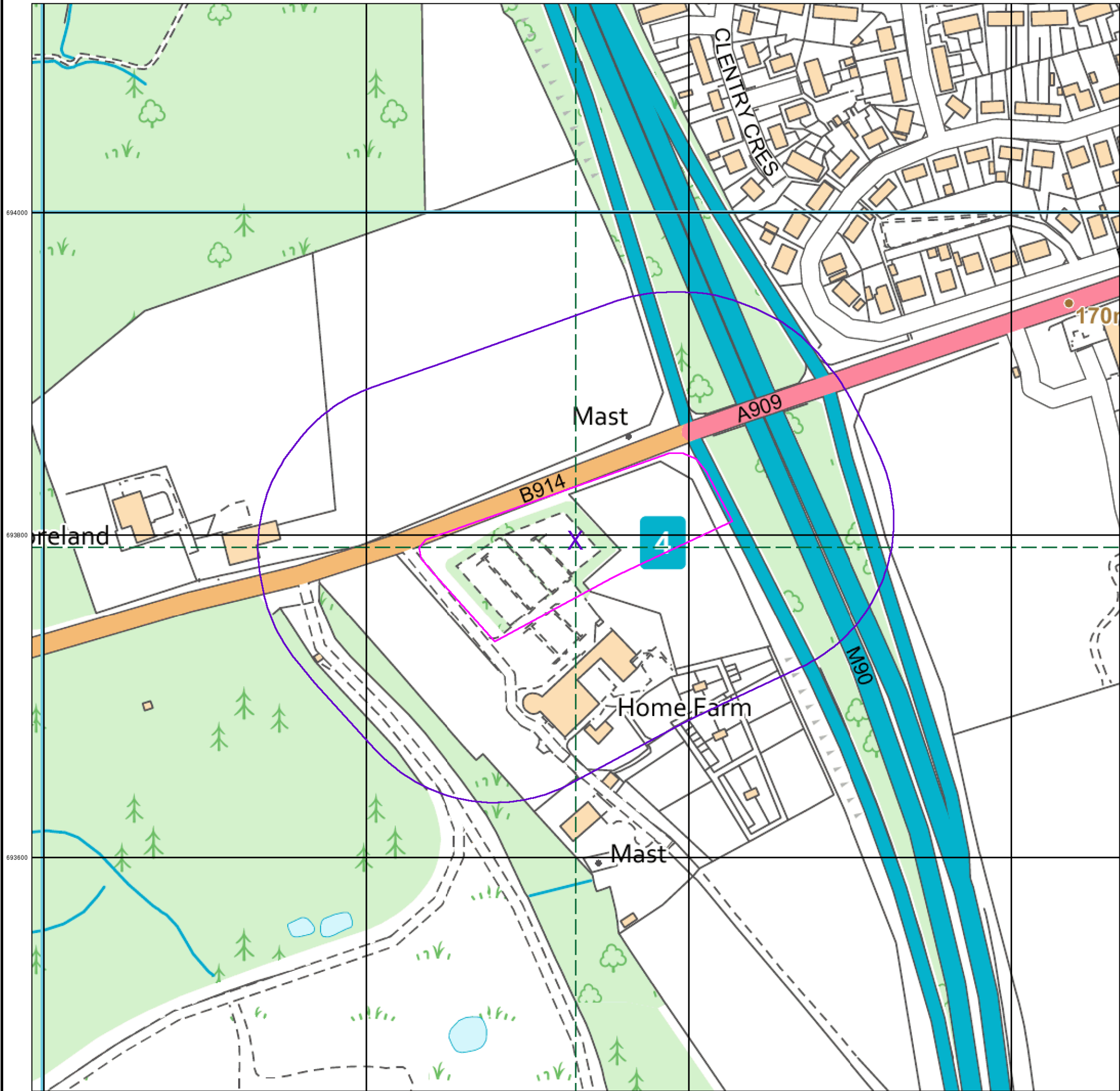
Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
4	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

313000

313200

313400

313600



Historical Land Use Information (1:2,500)

General

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

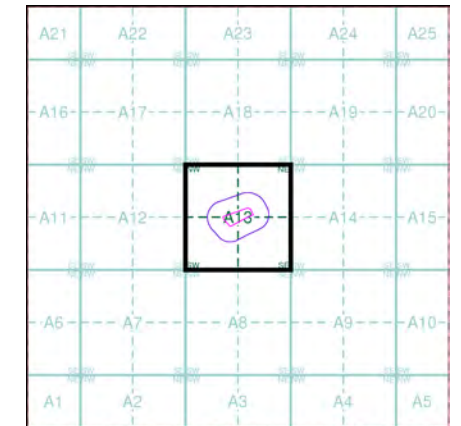
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

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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

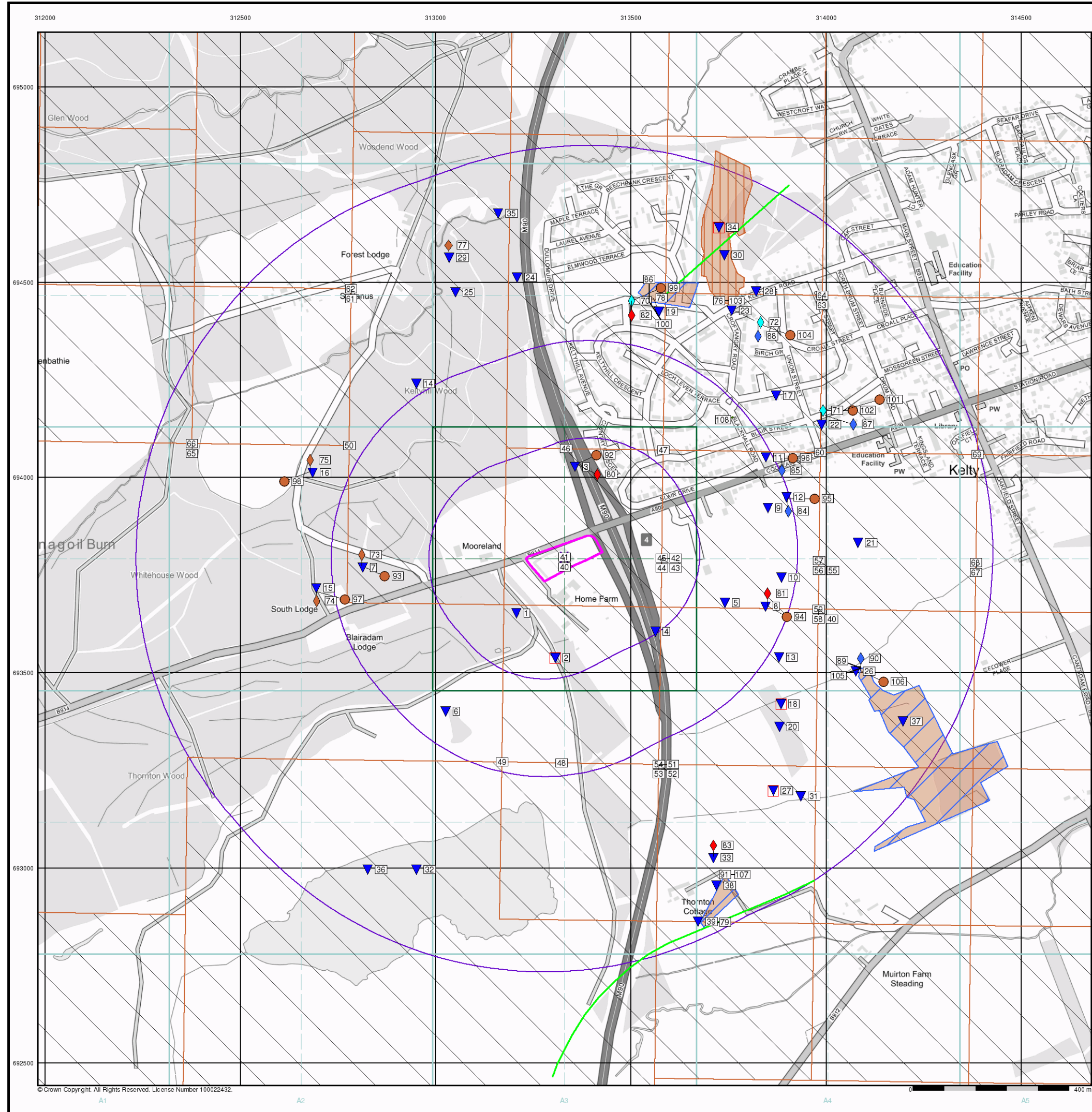
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 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Plot Buffer (m): 100

Site Details

Proposed Development Site, Kelty, KY4 0JR



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)

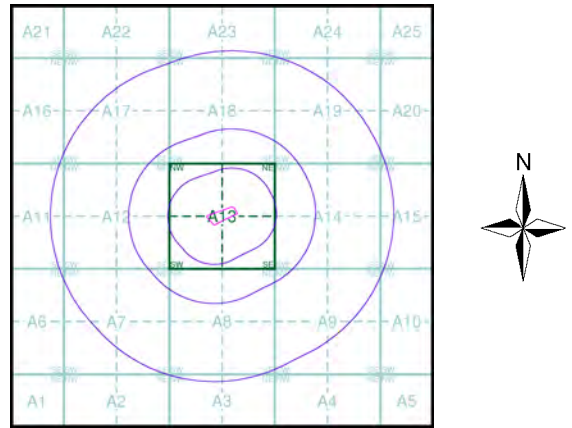
	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

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

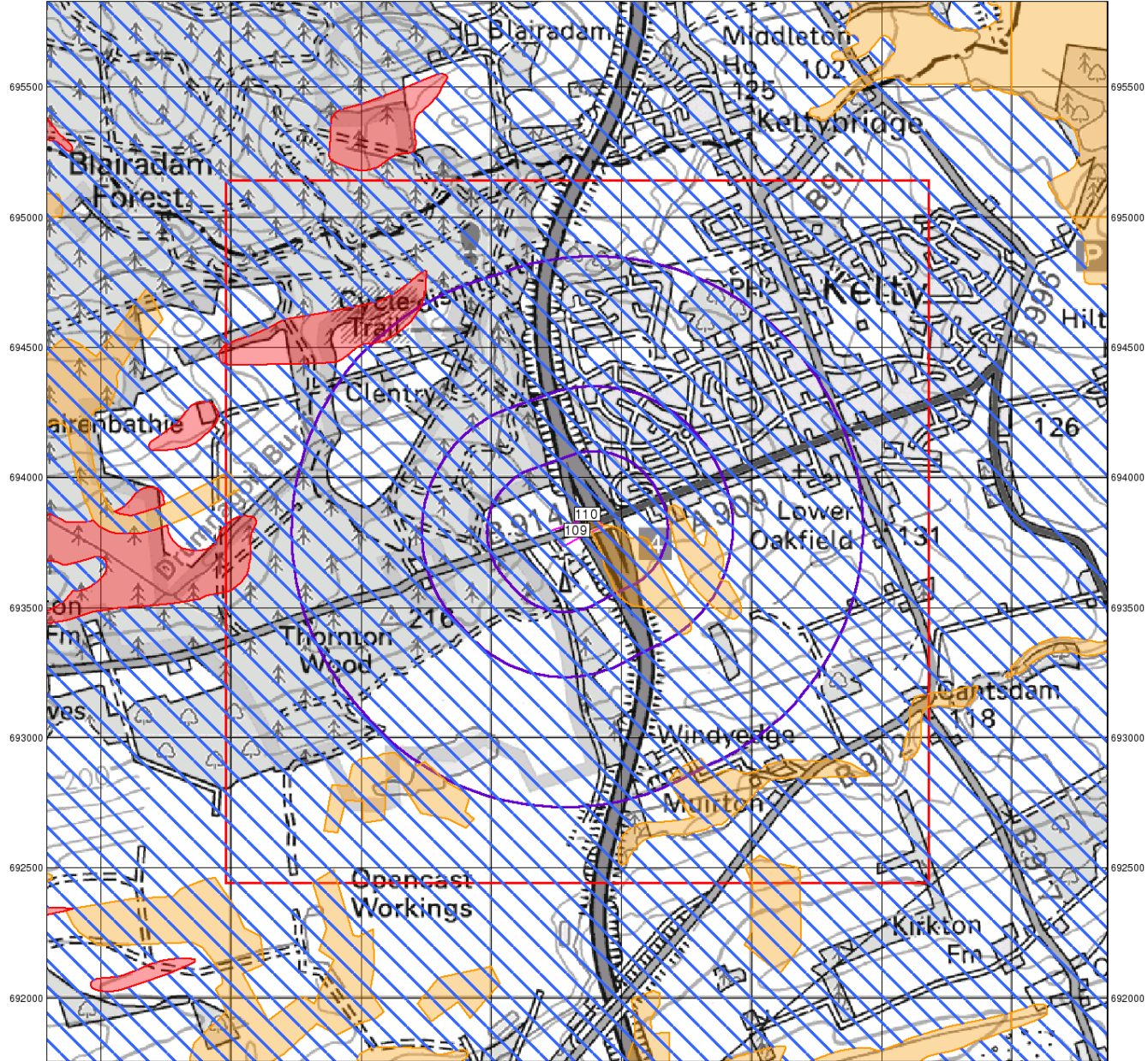
Mining and Ground Stability - Slice A



Order Details
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 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details
 Proposed Development Site, Kelty, KY4 0JR

311500 312000 312500 313000 313500 314000 314500 315000



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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

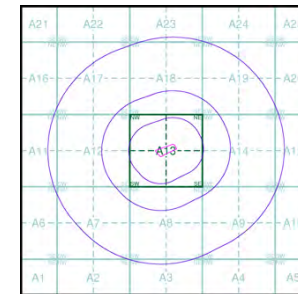
- High
- Low
- Moderate
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

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

Mining and Ground Stability - Slice A



Order Details

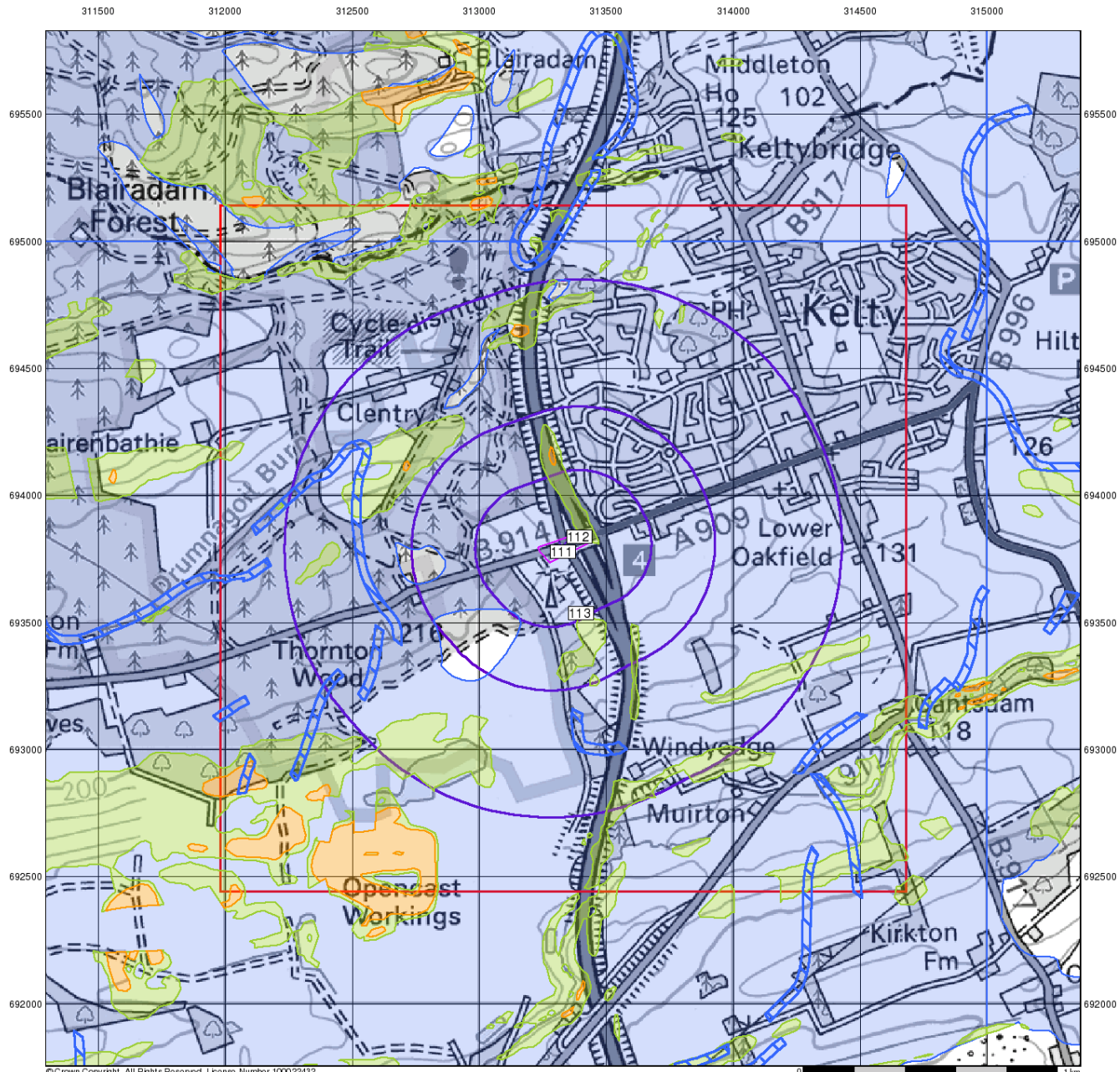
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 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

Proposed Development Site, Kelty, KY4 0JR

Landmark
 INFORMATION GROUP

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 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
- B Map ID

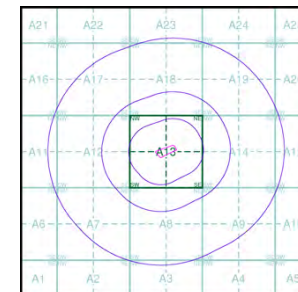
Potential for Landslide Ground Stability Hazards

- 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: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

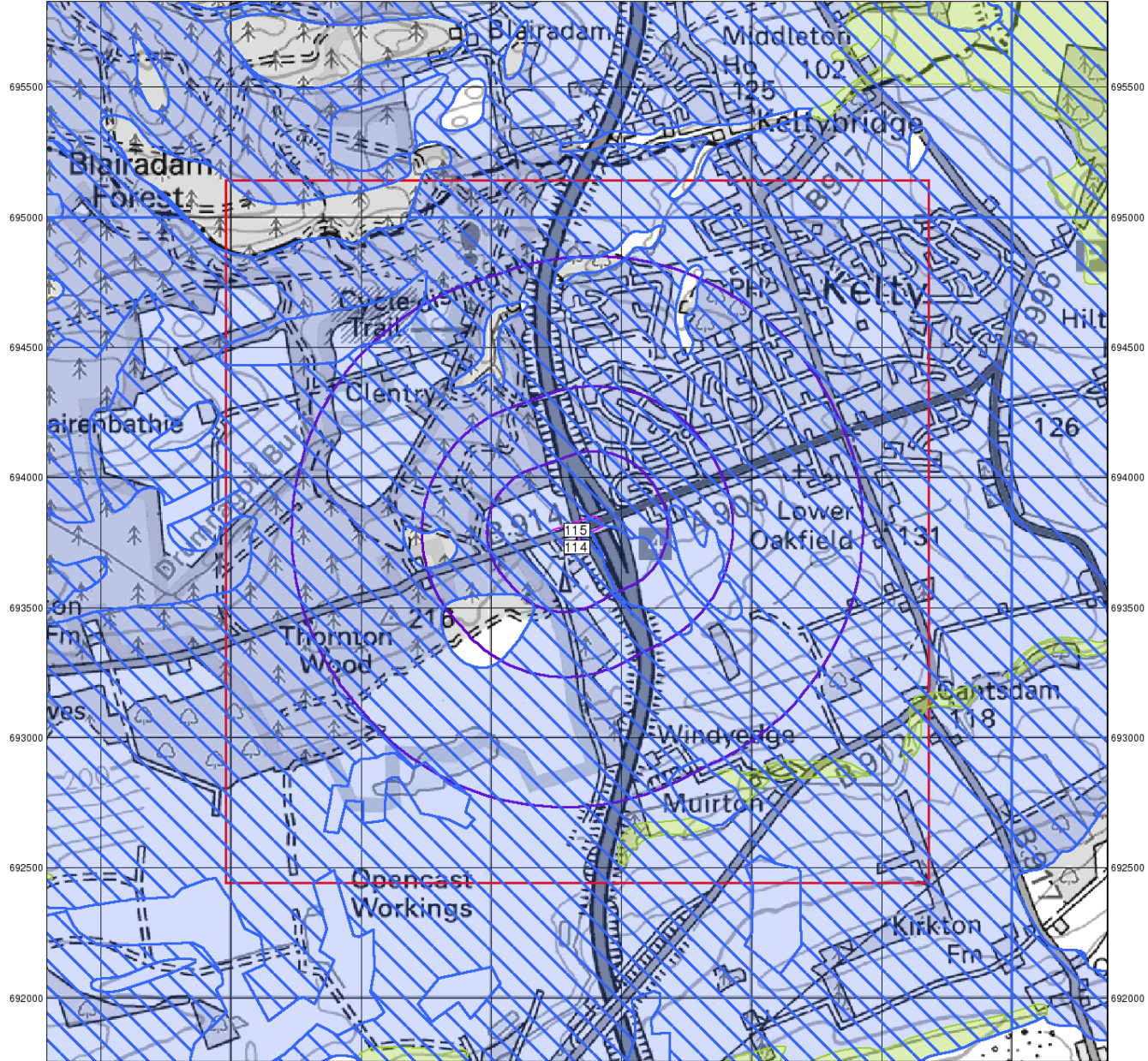
Site Details

Proposed Development Site, Kelty, KY4 0JR

Landmark
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311500 312000 312500 313000 313500 314000 314500 315000



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Ground Stability Data (1:50,000)

General

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

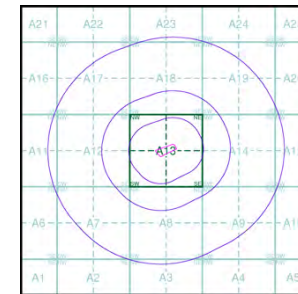
Potential for Running Sand Ground Stability Hazards

- 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: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 1000

Site Details

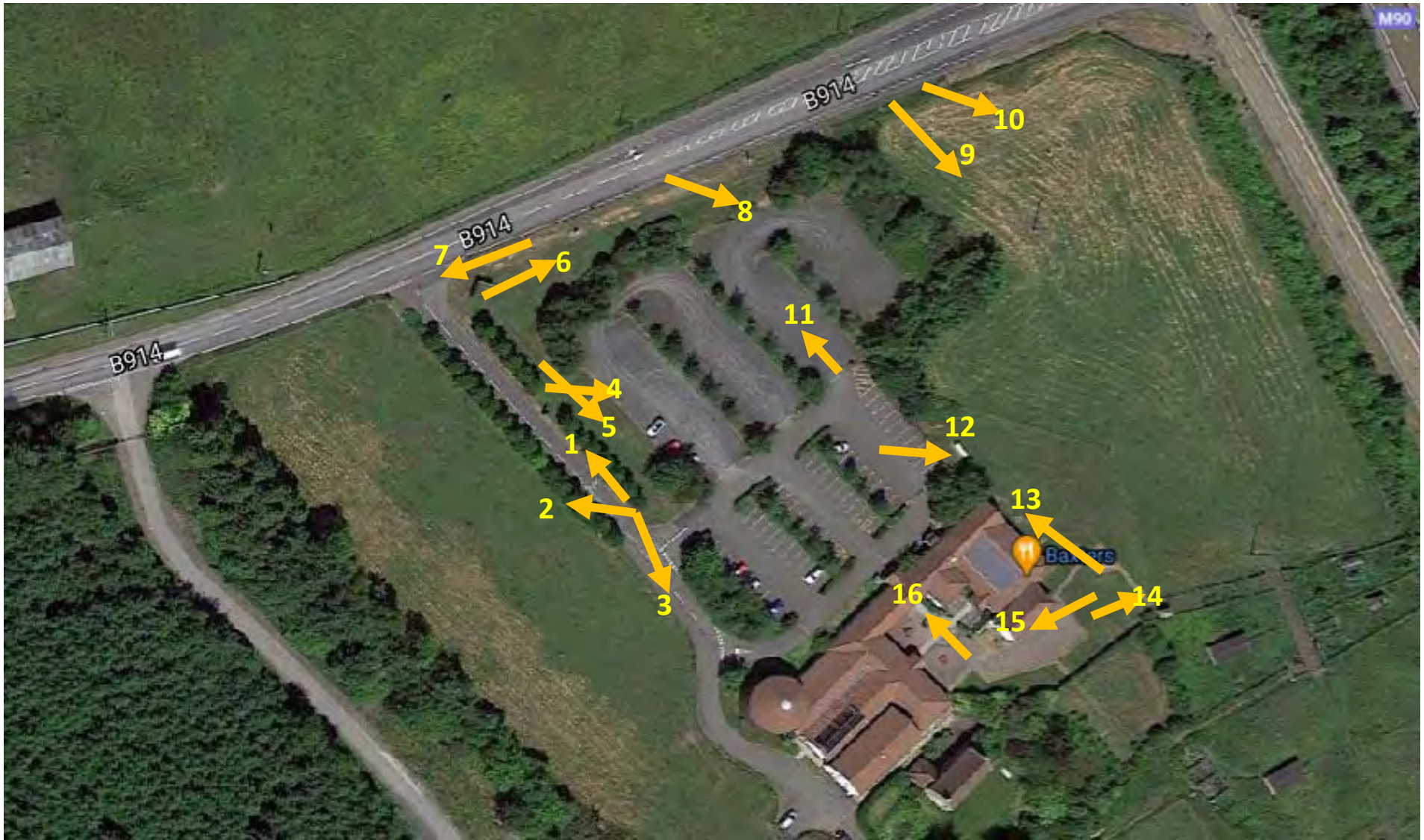
Proposed Development Site, Kelty, KY4 0JR

Landmark
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APPENDIX 4

Site Reconnaissance Photo Survey





1. West of site looking north to entrance via B914



2. West of site looking offsite to the northwest



3. West of site looking south along access road



4. NW of site looking southeast across gravel car park



5. NW of site looking south



6. NW corner of site looking east along B914



7. NW corner of site looking west along B914



8. North of site looking southeast across gravel car park



9. NE of the site looking south across field in the east of the site



10. NE of the site looking southeast across field in the east of the site



11. Centre of site looking north across gravel car park



12. Centre of site looking east at propane tank



13. SE (offsite) of site looking northwest



14. SE (offsite) of site looking east into eastern field



15. SE (offsite) of site looking west



16. South (offsite) of site looking north within courtyard

APPENDIX 5

Historical Map Extracts

Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

Quarry **Gravel Pit** **Sand Pit**
Clay Pit **Shingle** **Refuse Heap**
Sloping Masonry **Flat Rock**
Marsh **Reeds** **Osiers**
Rough Pasture **Furze** **Wood**
Mixed Wood **Brushwood** **Orchard**
Fir **Ford** **Stepping Stones**
Ferry **Waterfall** **Lock**
Trig. Station **Altitude at Trig. Station**
B.M. 325.9 **Bench Mark** **Surface Level**
Arrow denotes flow of water **Antiquities (site of)**
Cutting **Embankment**
Railway crossing Road **Level Crossing** **Road crossing Railway**
Railway crossing River or Canal **Road over single stream** **Road over River or Canal**
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
County Borough Boundary (England)
County Burgh Boundary (Scotland)
Co. Boro. Bdy.
Co. Burgh Bdy.
BP BS Boundary Post or Stone **P.C.B** Police Call Box
B.R. Bridle Road **P** Pump
E.P Electricity Pylon **S.P** Signal Post
F.B. Foot Bridge **SL** Sluice
F.P. Foot Path **Sp.** Spring
G.P Guide Post or Board **T.C.B** Telephone Call Box
M.S Mile Stone **Tr.** Trough
M.P M.R Mooring Post or Ring **W** Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

Inactive Quarry, Chalk Pit or Clay Pit **Active Quarry, Chalk Pit or Clay Pit**
Rock **Boulders**
Cliff **Slopes** **Top**
Roofed Building **Glazed Roof Building**
Sloping Masonry **Archway**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Bench Mark** **Antiquity (site of)**
Cave Entrance **Triangulation Station** **Electricity Pylon**
Electricity Transmission Line
County Boundary (Geographical)
County & Civil Parish Boundary
Civil Parish Boundary
Admin. County or County Bor. Boundary
London Borough Boundary
Symbol marking point where boundary mereing changes
BH Beer House **P** Pillar, Pole or Post
BP, BS Boundary Post or Stone **PO** Post Office
Cn, C Capstan, Crane **PC** Public Convenience
Chy Chimney **PH** Public House
D Fn Drinking Fountain **Pp** Pump
EI P Electricity Pillar or Post **SB, S Br** Signal Box or Bridge
FAP Fire Alarm Pillar **SP, SL** Signal Post or Light
FB Foot Bridge **Spr** Spring
GP Guide Post **Tk** Tank or Track
H Hydrant or Hydraulic **TCB** Telephone Call Box
LC Level Crossing **TCP** Telephone Call Post
MH Manhole **Tr** Trough
MP Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap
MS Mile Stone **W** Well
NTL Normal Tidal Limit **Wd Pp** Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250

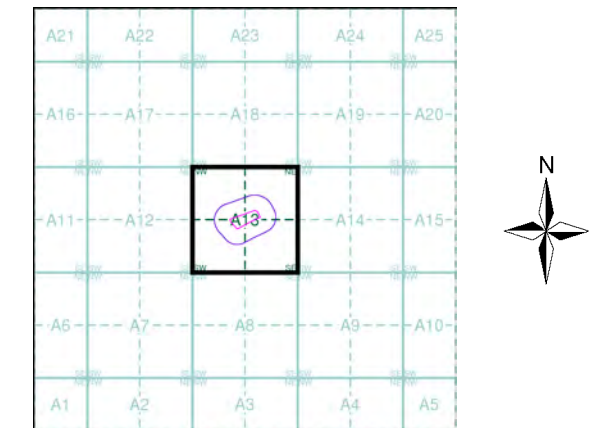
Cliff **Slopes** **Top**
Rock **Rock (scattered)**
Boulders **Boulders (scattered)**
Positioned Boulder **Scree**
Non-Coniferous Tree (surveyed) **Coniferous Tree (surveyed)**
Non-Coniferous Trees (not surveyed) **Coniferous Trees (not surveyed)**
Orchard Tree **Scrub** **Bracken**
Coppice, Osier **Reeds** **Marsh, Saltings**
Rough Grassland **Heath** **Culvert**
Direction of water flow **Triangulation Station** **Antiquity (site of)**
Electricity Transmission Line **Electricity Pylon**
B.M. 231.60m Bench Mark **Buildings with Building Seed**
Roofed Building **Glazed Roof Building**
Civil parish/community boundary
District boundary
County boundary
Boundary post/stone
Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)
Bks Barracks **P** Pillar, Pole or Post
Bty Battery **PO** Post Office
Cemy Cemetery **PC** Public Convenience
Chy Chimney **Pp** Pump
Cis Cistern **Ppg Sta** Pumping Station
Dismtd Rly Dismantled Railway **PW** Place of Worship
EI Gen Sta Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station
EI P Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge
EI Sub Sta Electricity Sub Station **SP, SL** Signal Post or Light
FB Filter Bed **Spr** Spring
Fn / D Fn Fountain / Drinking Ftn. **Tk** Tank or Track
Gas Gov Gas Valve Compound **Tr** Trough
GVC Gas Governor **Wd Pp** Wind Pump
GP Guide Post **Wr Pt, Wr T** Water Point, Water Tap
MH Manhole **Wks** Works (building or area)
MP, MS Mile Post or Mile Stone **W** Well



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Fifeshire	1:2,500	1896	2
Fifeshire	1:2,500	1915	3
Fifeshire	1:2,500	1943	4
Ordnance Survey Plan	1:2,500	1962	5
Ordnance Survey Plan	1:2,500	1971	6
Supply of Unpublished Survey Information	1:2,500	1976	7
Additional SIMs	1:2,500	1985	8
Large-Scale National Grid Data	1:2,500	1993	9
Historical Aerial Photography	1:2,500	2001	10

Historical Map - Segment A13



Order Details

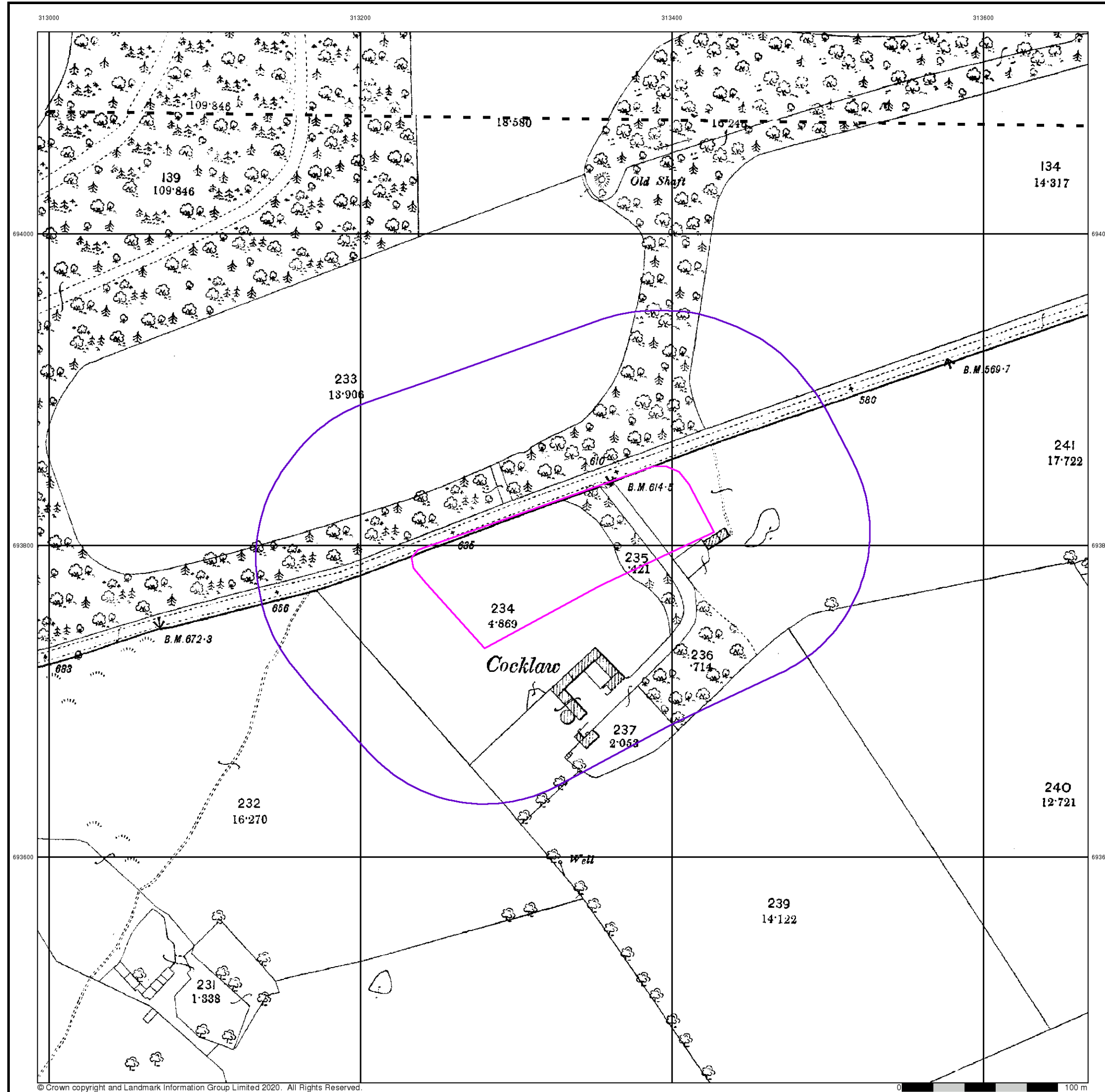
Order Number: 267464434_1_1
 Customer Ref: GA 14681
 National Grid Reference: 313330, 693800
 Slice: A
 Site Area (Ha): 1.11
 Search Buffer (m): 100

Site Details

Proposed Development Site, Kelty, KY4 0JR



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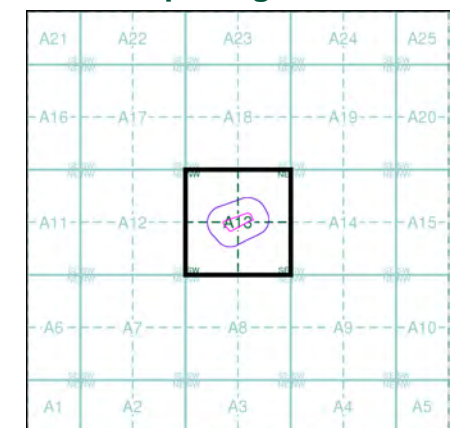
Fifeshire
Published 1896
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

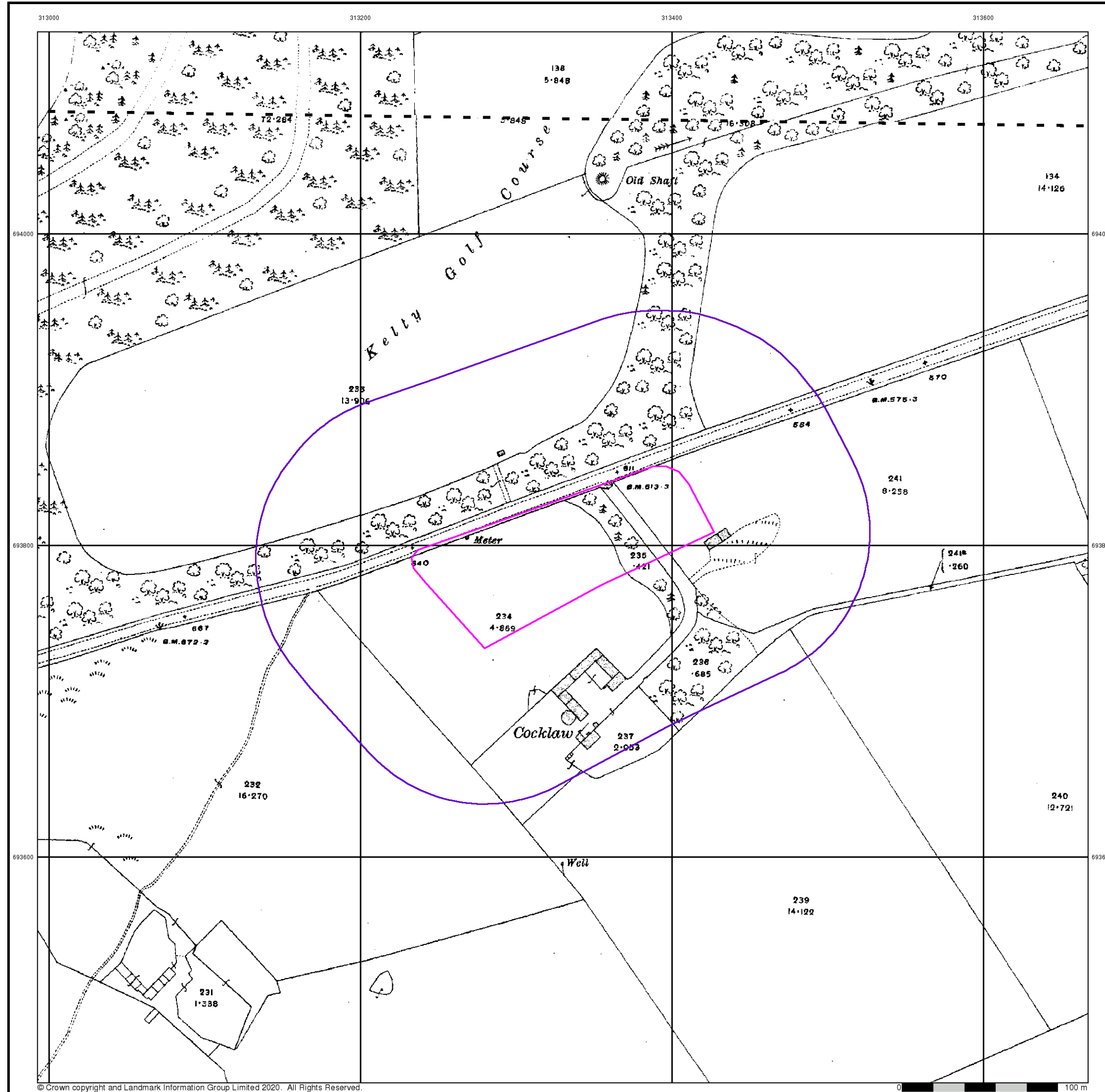
034_02	1896	1:2,500
034_06	1896	1:2,500

Historical Map - Segment A13



Order Details
 Order Number: 267464434_1_1
 Customer Ref: GA 14681
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Site Details
 Proposed Development Site, Kelty, KY4 0JR



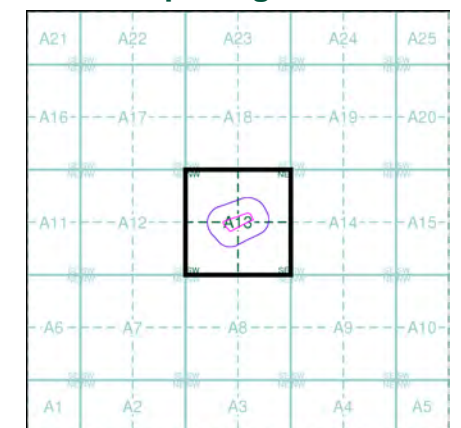
Fifeshire
Published 1915
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

034_02	1915	1:2,500
034_06	1915	1:2,500

Historical Map - Segment A13



Order Details

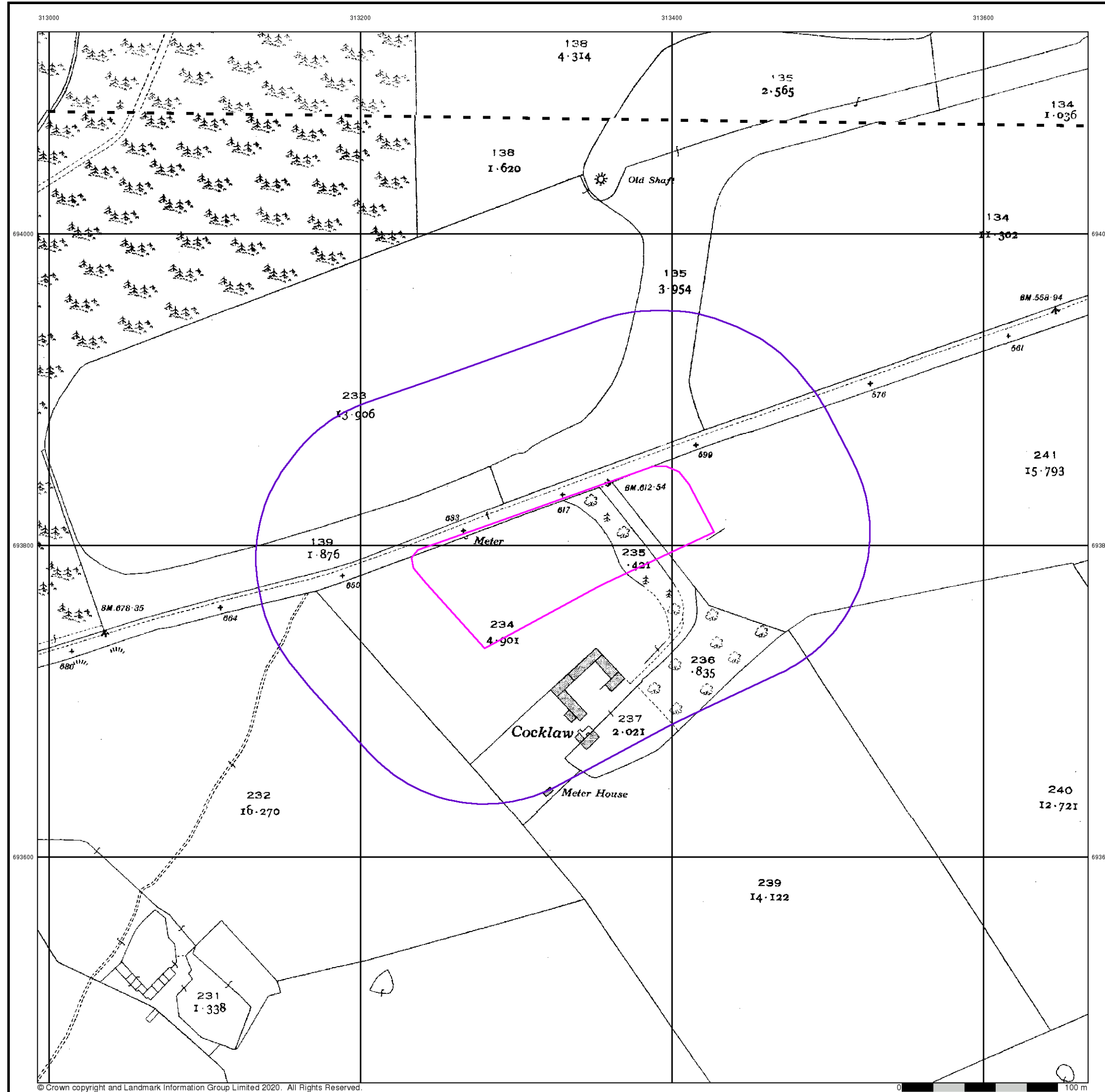
Order Number: 267464434_1_1
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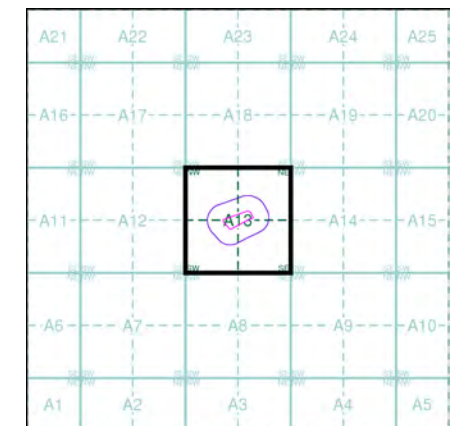
Fifeshire
Published 1943
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

034_02	1943	1:2,500
034_06	1943	1:2,500

Historical Map - Segment A13



Order Details

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313000

313200

313400

313600



Ordnance Survey Plan

Published 1971

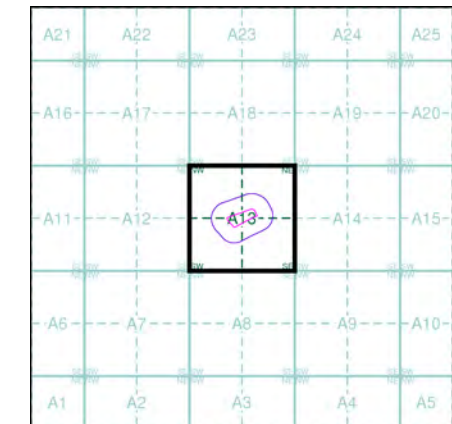
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NT1294 1971 1:2,500	NT1394 1971 1:2,500
NT1293 1971 1:2,500	NT1393 1971 1:2,500

Historical Map - Segment A13



Order Details

Order Number: 267464434_1_1
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313000

313200

313400

313600



Supply of Unpublished Survey Information

Published 1976

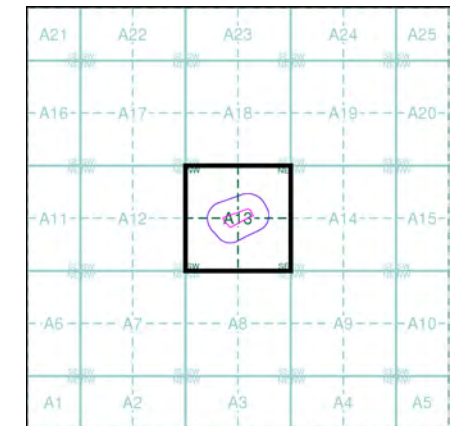
Source map scale - 1:2,500

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

NT1294 1976 1:2,500	NT1394 1976 1:2,500
NT1293 1976 1:2,500	NT1393 1976 1:2,500

Historical Map - Segment A13



Order Details

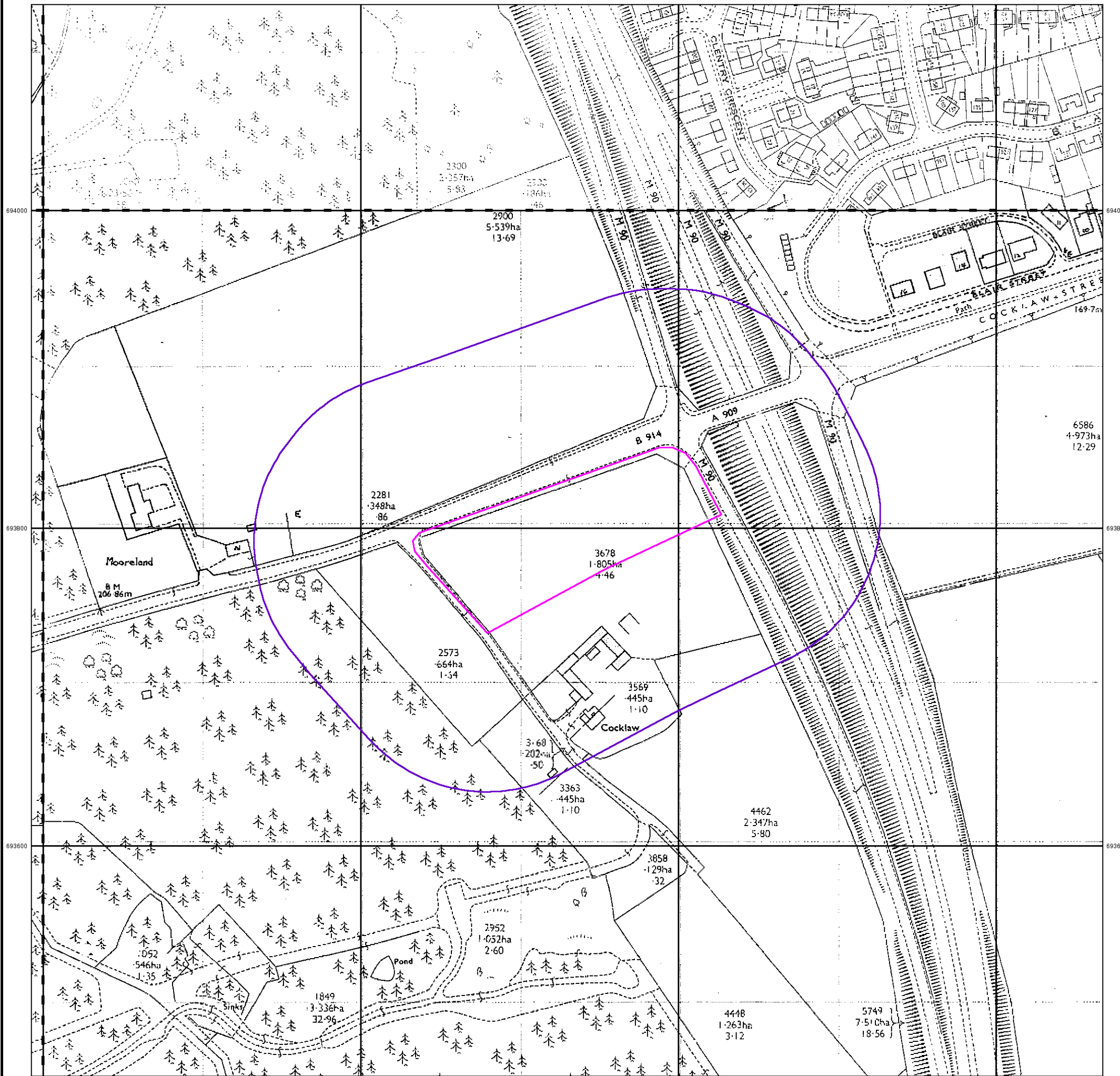
Order Number: 267464434_1_1
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 National Grid Reference: 313330, 693800
 Slice: A
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Additional SIMs

Published 1985

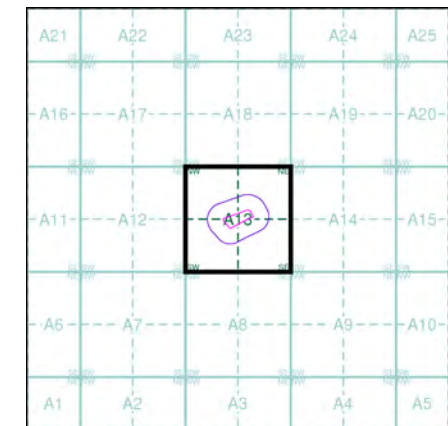
Source map scale - 1:2,500

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

NT1294 1985 1:2,500	NT1394 1985 1:2,500
NT1393 1985 1:2,500	

Historical Map - Segment A13



Order Details

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Large-Scale National Grid Data

Published 1993

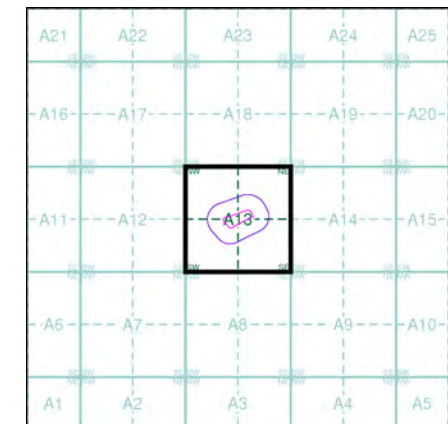
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)

NT1294 1993 1:2,500	NT1394 1993 1:2,500
NT1293 1993 1:2,500	NT1393 1993 1:2,500

Historical Map - Segment A13



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