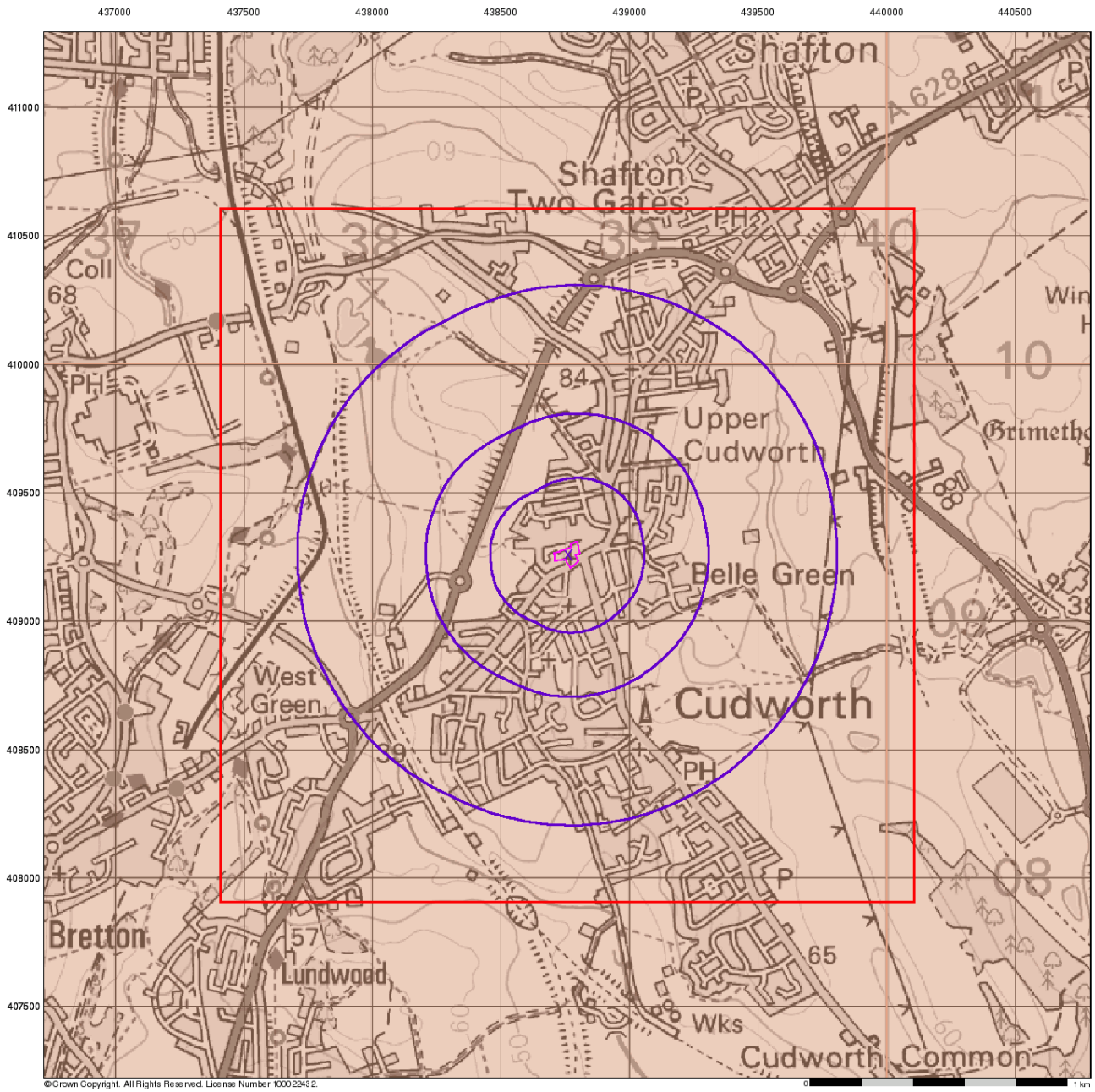


Bedrock Aquifer Designation

General

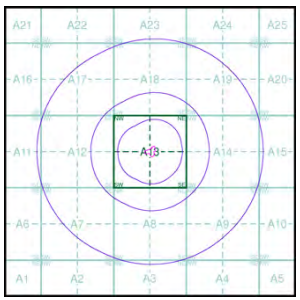
Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



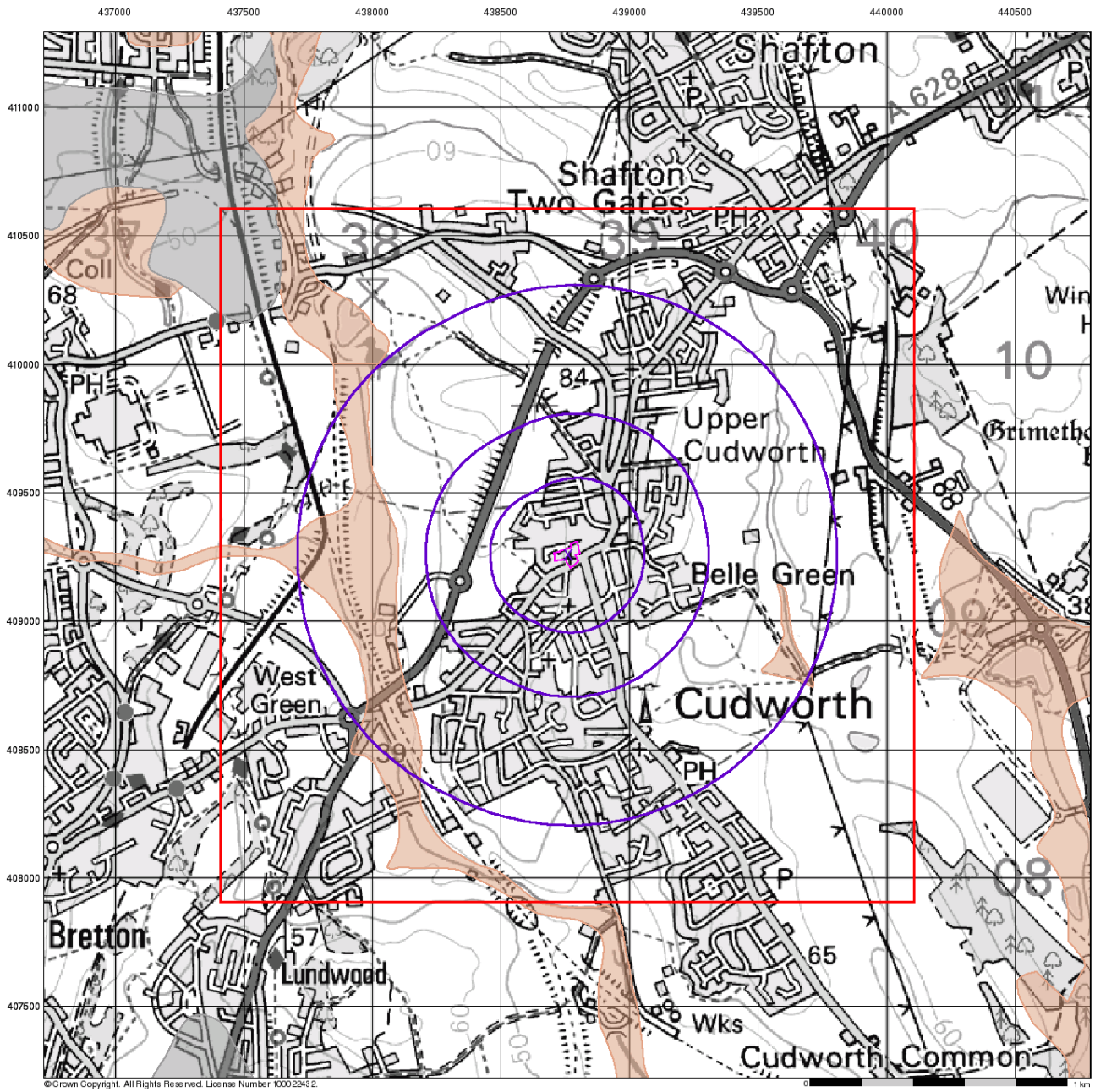
Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

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



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Superficial Aquifer Designation

General

Specified Site | Specified Buffer(s) | Bearing Reference Point

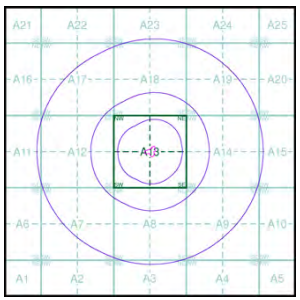
Slice | Map ID

Agency and Hydrological

Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown

Site Sensitivity Context Map - Slice A



Order Details

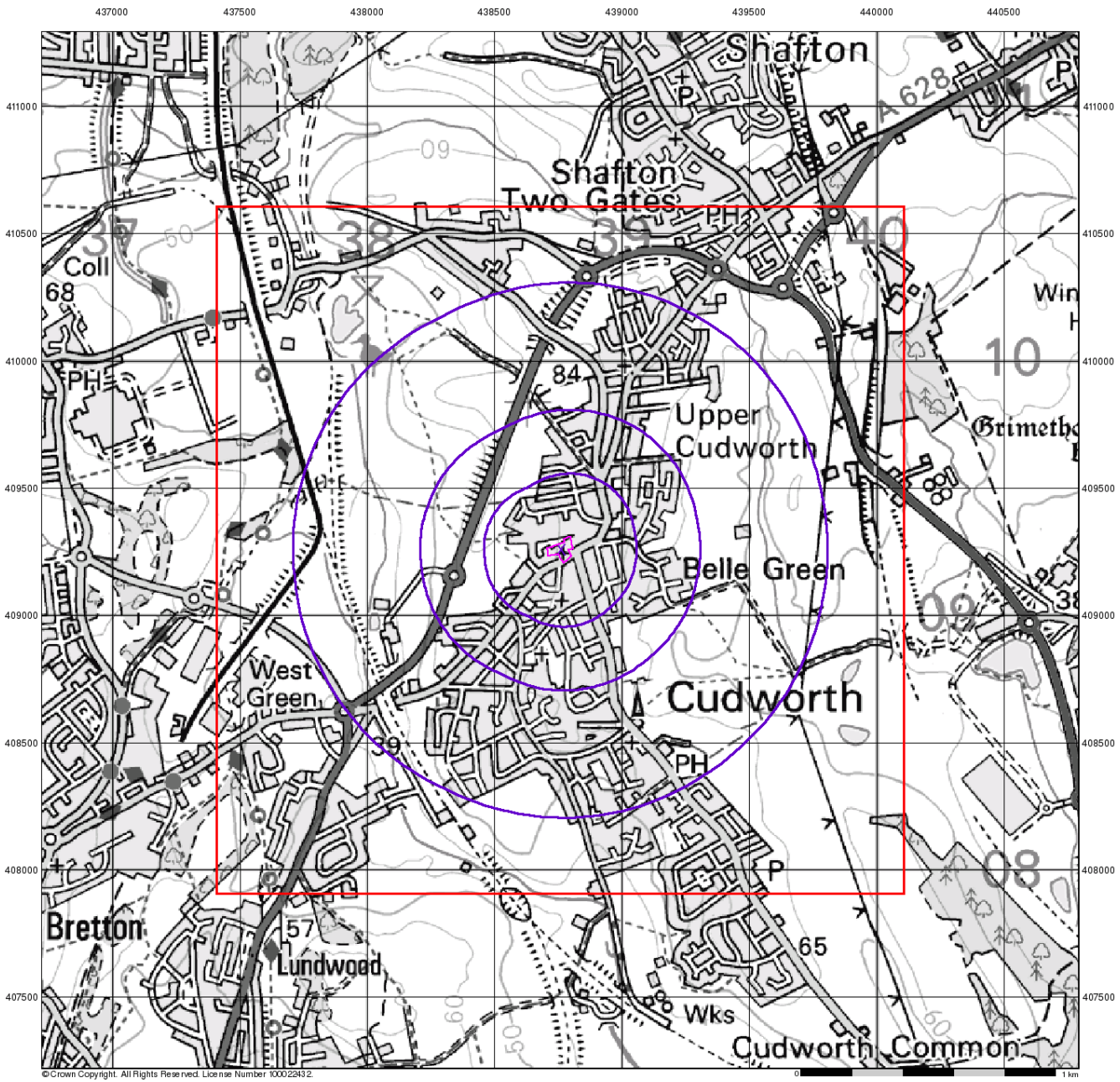
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Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
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Source Protection Zones

General

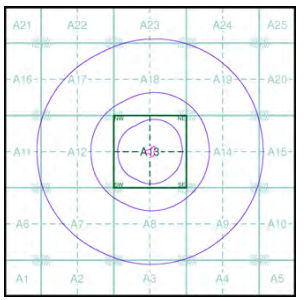
Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Agency and Hydrological

- Source Protection Zone I
- Source Protection Zone II
- Source Protection Zone III
- Zone of Special Interest
- Source Protection Zone Borehole

Site Sensitivity Context Map - Slice A



Order Details

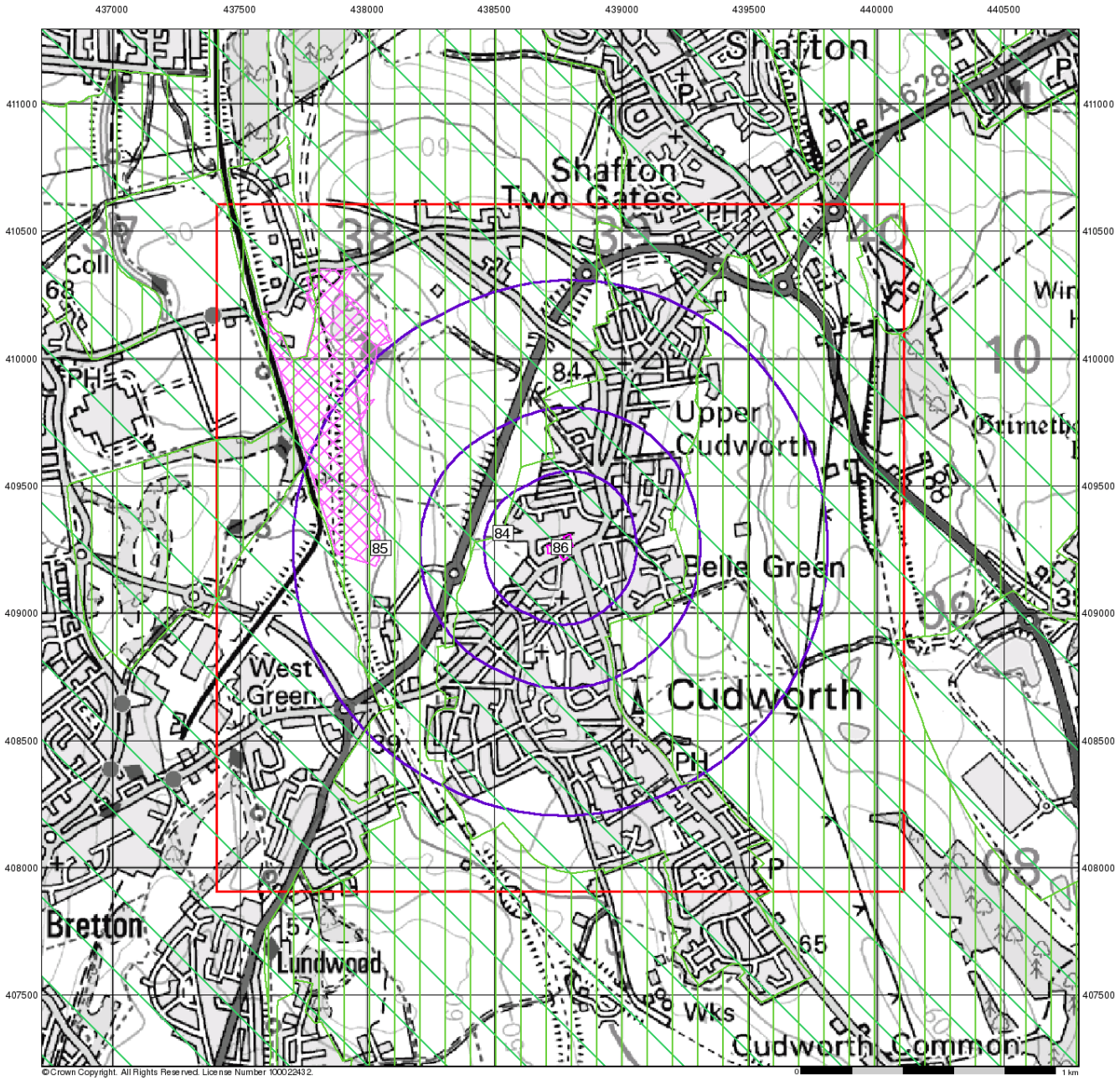
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National Grid Reference:	438760, 409260
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Sensitive Land Uses

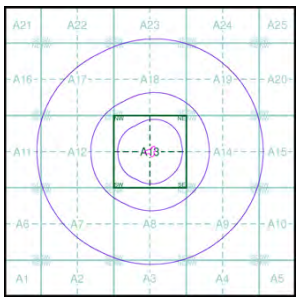
General

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

Sensitive Land Uses

- 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
- National Park
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

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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

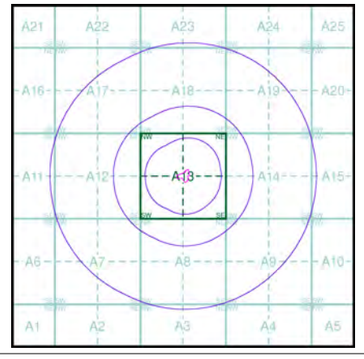
	Point	Line	Polygon
Potentially Infilled Land (Non-Water)	●		
Potentially Infilled Land (Water)	●		
Former Marsh	✠		

Mining Data

Potential Mining Area

BGS Recorded Mineral Site

Mining and Ground Stability - Slice A



Order Details

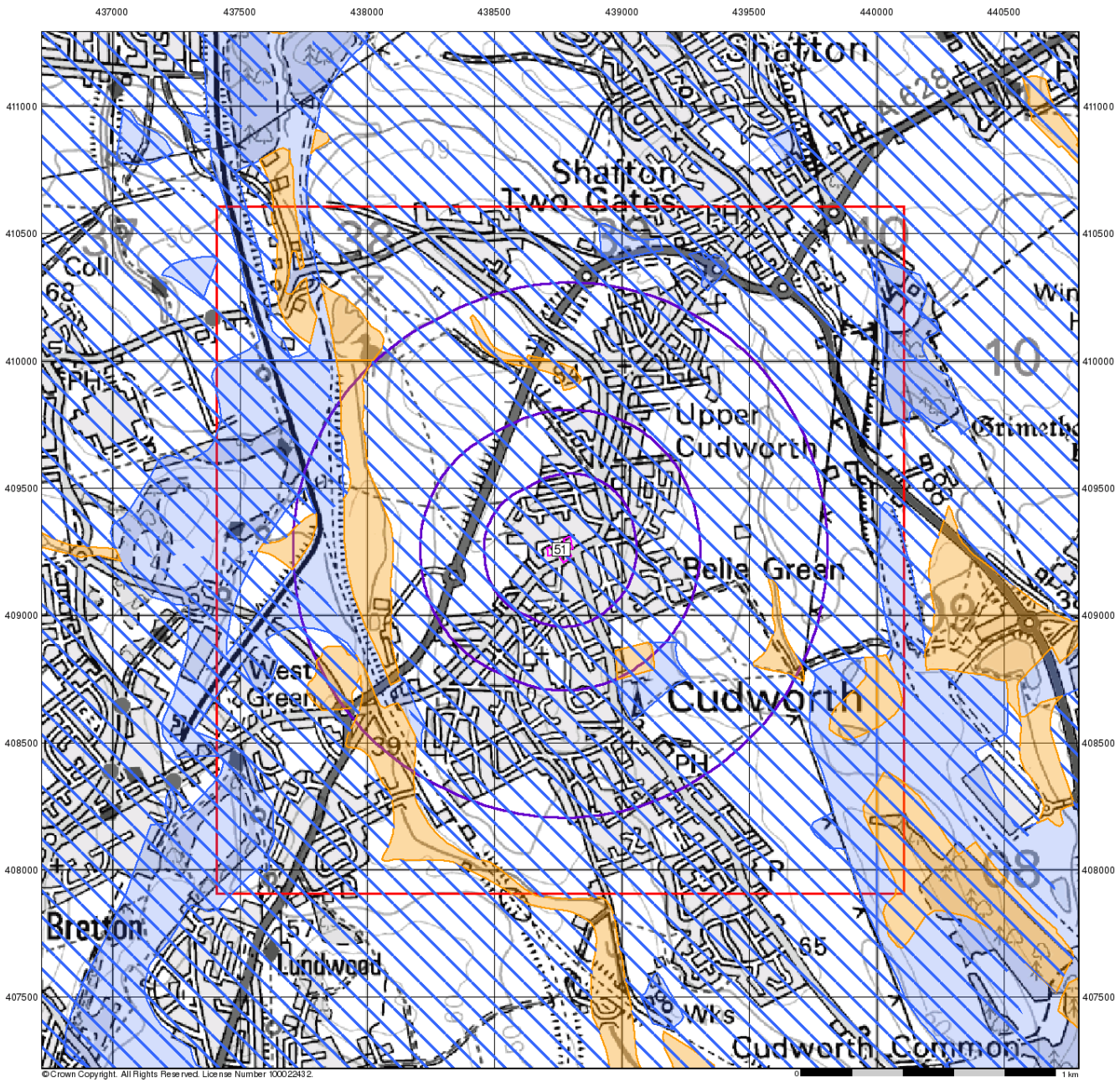
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Customer Ref:	12712
National Grid Reference:	438760, 409260
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Site Area (Ha):	0.51
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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

High | Low | Moderate | Very Low

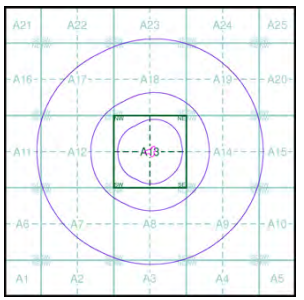
Potential for Collapsible Ground Stability Hazards

High | Low | Moderate | Very Low

Brine Pumping and Salt Mining

	Point	Polygon
Brine Pumping Related Feature	▲	▨
Salt Mining Related Feature	▲	▨

Mining and Ground Stability - Slice A



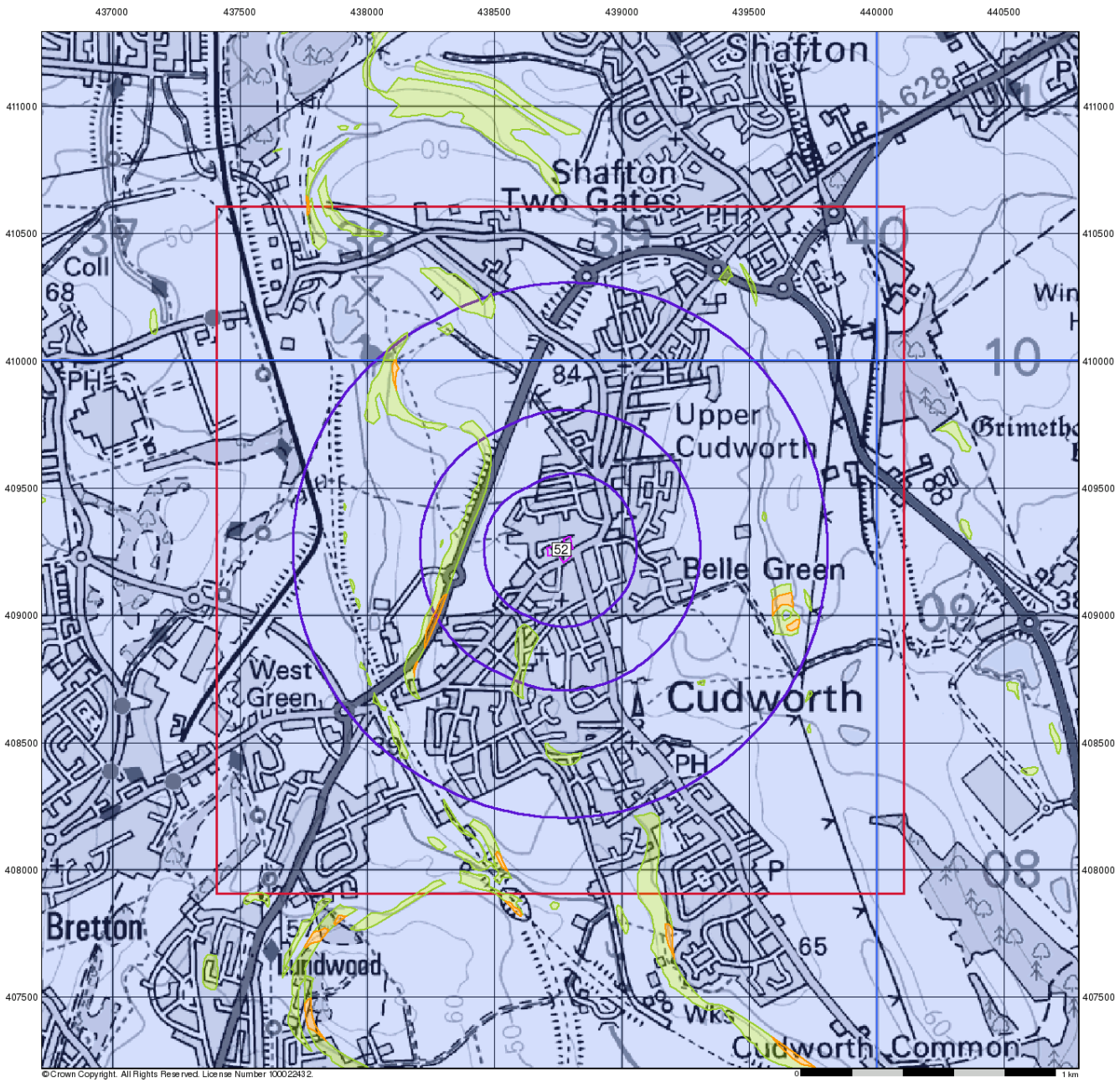
Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

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Ground Stability Data (1:50,000)

General

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

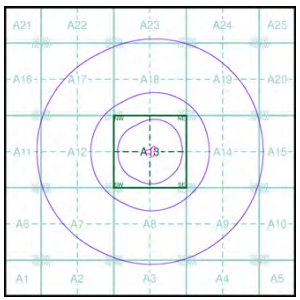
Potential for Landslide Ground Stability Hazards

High | Low
Moderate | Very Low

Potential for Ground Dissolution Stability Hazards

High | Low
Moderate | Very Low

Mining and Ground Stability - Slice A



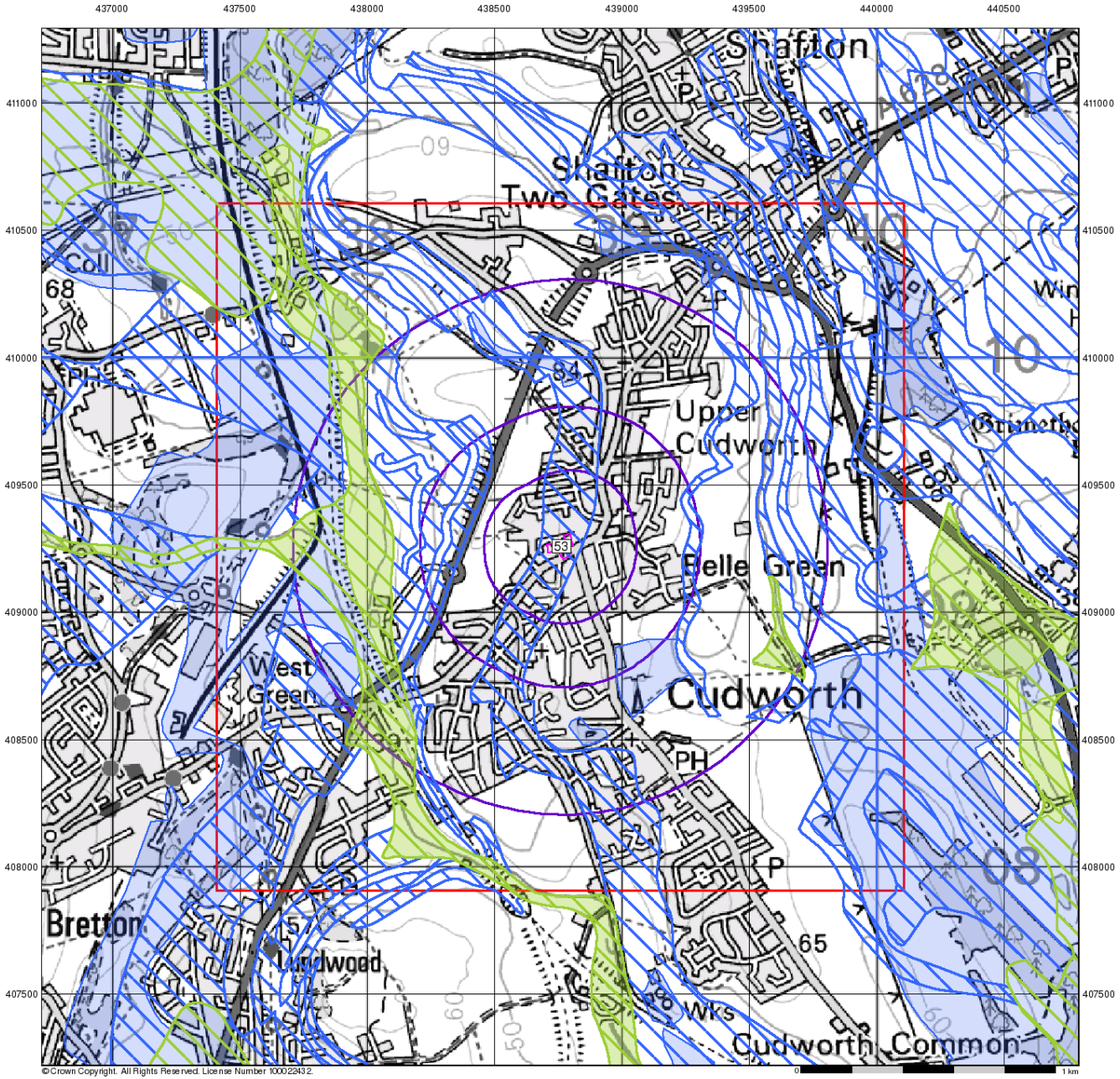
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Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

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Ground Stability Data (1:50,000)

General

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

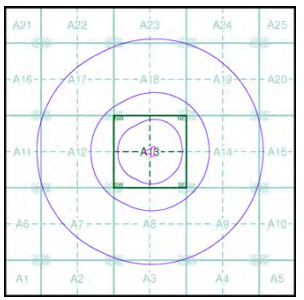
Potential for Running Sand Ground Stability Hazards

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



N

Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

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

Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
41547908_1_1

Customer Reference:
12712

National Grid Reference:
438760, 409260

Slice:
A

Site Area (Ha):
0.51

Search Buffer (m):
1000

Site Details:

Proposed Aldi Store
Barnsley Road
Cudworth
Barnsley
South Yorkshire

Client Details:

Mr J Brock
3e Consulting Engineers Ltd
1st Floor, Block C
Holland Park
Holland Drive
Newcastle upon Tyne
NE2 4LD

Contents

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)	7
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.	
Motion Map Data (1:2,500)	8
The Motion Map Data (1:2,500) section contains data which is plotted to indicate long-term stability trends from analysis of satellite radar data.	
Historical Map List	10
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	11
Data Suppliers	13
Useful Contacts	14

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

Report Version v47.0

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		1		8
Coal Mining Affected Areas	pg 2	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 2	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 2	Yes	Yes	n/a	n/a
Potential Mining Areas	pg 2		3	2	1
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 4		5	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 4		1	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 4		2	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		2	n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying	pg 5				5
Heap, unknown constituents	pg 5				1
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite	pg 5				3
Quarrying of sand & clay, operation of sand & gravel pits	pg 5				1
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 5				9
Potentially Infilled Land (Water)	pg 5		3	2	1

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Ground Stability Data (1:50,000)					
Brine Compensation Area			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 7	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Salt Mining Related Features					
Subsidence Insurance Claims				n/a	n/a
Subsidence Investigations				n/a	n/a
Motion Map Data (1:2,500)					
Motion Map (100m)	pg 8		34	n/a	n/a

Report Version v47.0

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: Market Street Location: Market Street, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37834 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	207	1	438945 409085
2	**BGS Recorded Mineral Sites** Site Name: Cudworth Quarry Location: , Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 109930 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	534	1	439319 409420
3	**BGS Recorded Mineral Sites** Site Name: Well Street Location: Well Street, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37833 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	560	1	438645 408661
4	**BGS Recorded Mineral Sites** Site Name: Lower Cudworth Location: , Lower Cudworth, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10190 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	695	1	438840 408515
5	**BGS Recorded Mineral Sites** Site Name: Knowles Location: , Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13329 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	702	1	438240 408715
6	**BGS Recorded Mineral Sites** Site Name: South Hiendleyupper Cudworth Location: , Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103072 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	736	1	439503 409516

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**BGS Recorded Mineral Sites** Site Name: Upper Cudworth Location: Three Nooks Lane, Upper Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103012 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18NE (N)	911	1	439046 410184
8	**BGS Recorded Mineral Sites** Site Name: Upper Cudworth Location: , Upper Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103011 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	950	1	439353 410078
9	**BGS Recorded Mineral Sites** Site Name: Ferry Moor Revised Occs Location: , Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 6718 Type: Opencast **Status: Ceased** Operator: Uk Coal Mining Ltd Operator Location: Uk Coal Mining Ltd, Harworth Park, Blyth Road, Harworth, Doncaster, Dn11 8db Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Surface Mined Positional Accuracy: Located by supplier to within 100m	A9NE (E)	958	1	439700 408900
	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.	A13NE (NE)	0	2	438762 409258
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NE)	0	3	438762 409258
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	39	1	438843 409243
10	**Potential Mining Areas** Name: Carlton Main Ceased Operation: 1909 Commodity: Coal; Barnsley; Haigh Moor Reference: 6153 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NE (N)	170	4	438759 409477
11	**Potential Mining Areas** Name: Sidcop Ceased Operation: 1922 Commodity: Coal; Cudworth Reference: 7552 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NE (N)	170	4	438759 409477

Mining and Natural Cavities Data

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	**Potential Mining Areas** Name: Sidcop Main Ceased Operation: 1906 Commodity: Coal; Cudworth Reference: 5745 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NE (N)	170	4	438759 409477
13	**Potential Mining Areas** Name: Shafton Ceased Operation: 1926 Commodity: Coal; Shafton Reference: 8457 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A14NW (NE)	486	4	439250 409483
14	**Potential Mining Areas** Name: Cudworth Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A14NW (NE)	486	4	439250 409483
15	**Potential Mining Areas** Name: Shafton Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A14NE (E)	874	4	439652 409488

Historical Land Use Information (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**Extractive Industries or Potential Excavations from 1855-1909** Use: W First Map Published Date: 1893 Last Map Published Date: Not Applicable	A13SE (E)	65	-	438866 409223
17	**Extractive Industries or Potential Excavations from 1855-1909** Use: W First Map Published Date: 1893 Last Map Published Date: Not Applicable	A13SW (S)	87	-	438746 409123
18	**Extractive Industries or Potential Excavations from 1855-1909** Use: Well First Map Published Date: 1893 Last Map Published Date: Not Applicable	A13NE (NE)	88	-	438843 409383
19	**Extractive Industries or Potential Excavations from 1855-1909** Use: W First Map Published Date: 1893 Last Map Published Date: Not Applicable	A13SW (SW)	96	-	438701 409139
20	**Extractive Industries or Potential Excavations from 1855-1909** Use: Saw Pit First Map Published Date: 1893 Last Map Published Date: Not Applicable	A13SW (SW)	99	-	438655 409153
21	**Extractive Industries or Potential Excavations from 1893-1915** Use: Well First Map Published Date: 1906 Last Map Published Date: Not Applicable	A13NE (NE)	89	-	438843 409384
22	**Extractive Industries or Potential Excavations from 1906-1937** Use: Well First Map Published Date: 1931 Last Map Published Date: Not Applicable	A13NE (NE)	86	-	438840 409382
23	**Extractive Industries or Potential Excavations from 1906-1937** Use: Paddling Pool First Map Published Date: 1931 Last Map Published Date: Not Applicable	A13SW (SW)	96	-	438625 409192
24	**Extractive Industries or Potential Excavations from 1950-1980** Use: Pond First Map Published Date: 1962 Last Map Published Date: N/A	A13NW (W)	90	-	438618 409265
25	**Extractive Industries or Potential Excavations from 1950-1980** Use: Paddling Pool First Map Published Date: 1962 Last Map Published Date: N/A	A13SW (SW)	93	-	438629 409190

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	**General Quarrying** Use: Not Supplied Date of Mapping: 1854	A14NW (E)	537	-	439320 409432
27	**General Quarrying** Use: Not Supplied Date of Mapping: 1854	A7NE (SW)	583	-	438239 408893
28	**General Quarrying** Use: Not Supplied Date of Mapping: 1854 - 1894	A8NE (S)	619	-	438832 408590
29	**General Quarrying** Use: Not Supplied Date of Mapping: 1854	A7NE (SW)	710	-	438243 408701
30	**General Quarrying** Use: Not Supplied Date of Mapping: 1938 - 1956	A18NE (N)	977	-	439049 410251
31	**Heap, unknown constituents** Use: Not Supplied Date of Mapping: 1938	A14NE (E)	641	-	439445 409322
32	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1854	A14SW (E)	517	-	439304 409112
33	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1854	A14NE (E)	747	-	439515 409515
34	**Mining of coal & lignite** Use: Not Supplied Date of Mapping: 1854	A14SE (E)	767	-	439570 409181
35	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1907	A18NE (N)	997	-	439091 410261
36	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14SW (E)	517	-	439304 409112
37	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NW (E)	537	-	439320 409432
38	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7NE (SW)	583	-	438239 408893
39	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NE (S)	619	-	438832 408590
40	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NE (E)	747	-	439515 409515
41	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14SE (E)	767	-	439570 409181
42	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7NW (SW)	845	-	437971 408828
43	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A19NW (NE)	931	-	439333 410069
44	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990	A18NE (N)	997	-	439091 410261
45	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SW (SW)	16	-	438697 409226
46	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NW (W)	68	-	438649 409299

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A13NE (E)	104	-	438910 409279
48	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (SE)	266	-	439034 409105
49	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1906	A12SE (SW)	338	-	438406 409089
50	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SE (S)	964	-	438932 408256

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Brine Compensation Area 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.				
51	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
	Potential for Ground Dissolution Stability Hazards No Hazard				
52	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
53	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	1	438762 409258
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	25	1	438827 409228
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	31	1	438678 409277

Motion Map Data (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	**Motion Map** Average Velocity Gradient (mmyear): 2.0	A13SW (S)	10	-	438748 409223
55	**Motion Map** Average Velocity Gradient (mmyear): 2.4	A13NW (N)	20	-	438753 409303
56	**Motion Map** Average Velocity Gradient (mmyear): 2.3	A13SE (SE)	20	-	438806 409210
57	**Motion Map** Average Velocity Gradient (mmyear): 2.1	A13NW (NW)	36	-	438714 409303
57	**Motion Map** Average Velocity Gradient (mmyear): 2.1	A13NW (NW)	39	-	438717 409307
58	**Motion Map** Average Velocity Gradient (mmyear): 2.7	A13NW (N)	37	-	438746 409324
58	**Motion Map** Average Velocity Gradient (mmyear): 2.4	A13NW (N)	42	-	438744 409329
59	**Motion Map** Average Velocity Gradient (mmyear): 2.2	A13NE (NE)	38	-	438822 409336
60	**Motion Map** Average Velocity Gradient (mmyear): -0.1	A13NE (E)	46	-	438848 409290
61	**Motion Map** Average Velocity Gradient (mmyear): 1.6	A13NE (E)	47	-	438850 409285
62	**Motion Map** Average Velocity Gradient (mmyear): 2.1	A13SE (S)	49	-	438760 409159
62	**Motion Map** Average Velocity Gradient (mmyear): 2.5	A13SW (S)	53	-	438752 409157
62	**Motion Map** Average Velocity Gradient (mmyear): 2.8	A13SW (S)	54	-	438749 409157
62	**Motion Map** Average Velocity Gradient (mmyear): 2.4	A13SW (S)	57	-	438750 409153
62	**Motion Map** Average Velocity Gradient (mmyear): 2.4	A13SW (S)	58	-	438745 409154
62	**Motion Map** Average Velocity Gradient (mmyear): 2.0	A13SW (S)	61	-	438750 409149
62	**Motion Map** Average Velocity Gradient (mmyear): 1.9	A13SW (S)	62	-	438747 409149
63	**Motion Map** Average Velocity Gradient (mmyear): 1.6	A13NE (E)	55	-	438860 409271
64	**Motion Map** Average Velocity Gradient (mmyear): 2.6	A13SE (SE)	59	-	438852 409203
65	**Motion Map** Average Velocity Gradient (mmyear): 1.5	A13SW (S)	65	-	438748 409145

Motion Map Data (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	**Motion Map** Average Velocity Gradient (mmyear): 1.5	A13SW (S)	65	-	438749 409145
66	**Motion Map** Average Velocity Gradient (mmyear): 2.2	A13NE (E)	69	-	438874 409276
67	**Motion Map** Average Velocity Gradient (mmyear): 1.0	A13NE (E)	71	-	438876 409276
68	**Motion Map** Average Velocity Gradient (mmyear): 1.8	A13SW (S)	73	-	438752 409136
68	**Motion Map** Average Velocity Gradient (mmyear): 1.9	A13SW (S)	73	-	438743 409138
69	**Motion Map** Average Velocity Gradient (mmyear): 2.3	A13SE (SE)	78	-	438862 409185
69	**Motion Map** Average Velocity Gradient (mmyear): 2.0	A13SE (SE)	86	-	438868 409180
70	**Motion Map** Average Velocity Gradient (mmyear): 3.0	A13SW (S)	78	-	438720 409148
71	**Motion Map** Average Velocity Gradient (mmyear): 1.4	A13NW (N)	79	-	438735 409368
71	**Motion Map** Average Velocity Gradient (mmyear): 1.4	A13NW (N)	83	-	438735 409372
72	**Motion Map** Average Velocity Gradient (mmyear): 1.9	A13NW (N)	83	-	438740 409375
73	**Motion Map** Average Velocity Gradient (mmyear): 2.7	A13SE (E)	92	-	438894 409227
74	**Motion Map** Average Velocity Gradient (mmyear): 1.3	A13NE (NE)	97	-	438829 409400
75	**Motion Map** Average Velocity Gradient (mmyear): 1.5	A13SW (S)	98	-	438732 409117

Historical Map List

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

1:2,500	Mapsheet	Published Date
Yorkshire	263_13	1893
Yorkshire	275_01	1893
Yorkshire	263_13	1906
Yorkshire	275_01	1906
Yorkshire	263_13	1917
Yorkshire	275_01	1931
Ordnance Survey Plan	SE3808	1962
Ordnance Survey Plan	SE3809	1962
Ordnance Survey Plan	SE3908	1962
Ordnance Survey Plan	SE3909	1962

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

1:10,560	Mapsheet	Published Date
Yorkshire	263_00	1854
Yorkshire	275_00	1854
Yorkshire	263_SW	1894
Yorkshire	275_NW	1894
Yorkshire	275_NW	1906
Yorkshire	263_SW	1907
Yorkshire	263_SW	1938
Yorkshire	275_NW	1938
Ordnance Survey Plan	SE30NE	1955
Ordnance Survey Plan	SE40NW	1955
Ordnance Survey Plan	SE31SE	1956
Ordnance Survey Plan	SE41SW	1956
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SE40NW	1989
Ordnance Survey Plan	SE41SW	1989
Ordnance Survey Plan	SE31SE	1990
Ordnance Survey Plan	SE30NE	1993

Data Currency

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2012	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2012	As notified
Man Made Mining Cavities Peter Brett Associates	March 2012	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	March 2012	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Historical Land Use Information (1:2,500)	**Version**	**Update Cycle**
Subterranean Features Landmark Information Group Limited	July 2012	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	February 2011	Annually
Subsidence Insurance Claims SP Property Services	May 2011	Quarterly
Subsidence Investigations CET Group	May 2011	Quarterly

Motion Map Data (1:2,500)	Version	Update Cycle
Motion Map		
Nigel Press Associates - Hampshire	February 2011	As notified
Nigel Press Associates - Cambridge	January 2011	As notified
Nigel Press Associates - Ipswich	January 2011	As notified
Nigel Press Associates - Norwich	January 2011	As notified
Nigel Press Associates - Peterborough	January 2011	As notified
Nigel Press Associates - Barnstaple	July 2010	As notified
Nigel Press Associates - Derbyshire	July 2010	As notified
Nigel Press Associates - Humberside	July 2010	As notified
Nigel Press Associates - Kent	July 2010	As notified
Nigel Press Associates - Lincolnshire	July 2010	As notified
Nigel Press Associates - Nottinghamshire	July 2010	As notified
Nigel Press Associates - Birmingham	May 2009	As notified
Nigel Press Associates - Bournemouth	May 2009	As notified
Nigel Press Associates - Brighton	May 2009	As notified
Nigel Press Associates - Bristol	May 2009	As notified
Nigel Press Associates - Cardiff	May 2009	As notified
Nigel Press Associates - Central London	May 2009	As notified
Nigel Press Associates - Cheltenahm	May 2009	As notified
Nigel Press Associates - Coventry	May 2009	As notified
Nigel Press Associates - Crawley	May 2009	As notified
Nigel Press Associates - Edinburgh	May 2009	As notified
Nigel Press Associates - Exeter	May 2009	As notified
Nigel Press Associates - Glasgow	May 2009	As notified
Nigel Press Associates - Isle of Wight	May 2009	As notified
Nigel Press Associates - Leeds	May 2009	As notified
Nigel Press Associates - Leicester	May 2009	As notified
Nigel Press Associates - Liverpool	May 2009	As notified
Nigel Press Associates - Manchester	May 2009	As notified
Nigel Press Associates - Milton Keynes	May 2009	As notified
Nigel Press Associates - Newcastle	May 2009	As notified
Nigel Press Associates - Northwich	May 2009	As notified
Nigel Press Associates - Nottingham	May 2009	As notified
Nigel Press Associates - Oxford	May 2009	As notified
Nigel Press Associates - Plymouth	May 2009	As notified
Nigel Press Associates - Portsmouth	May 2009	As notified
Nigel Press Associates - Preston	May 2009	As notified
Nigel Press Associates - Reading	May 2009	As notified
Nigel Press Associates - Sheffield	May 2009	As notified
Nigel Press Associates - Stoke	May 2009	As notified
Nigel Press Associates - Swindon	May 2009	As notified
Nigel Press Associates - Tonbridge	May 2009	As notified
Nigel Press Associates - North London	November 2008	As notified
Nigel Press Associates - Head Office	September 2008	As notified

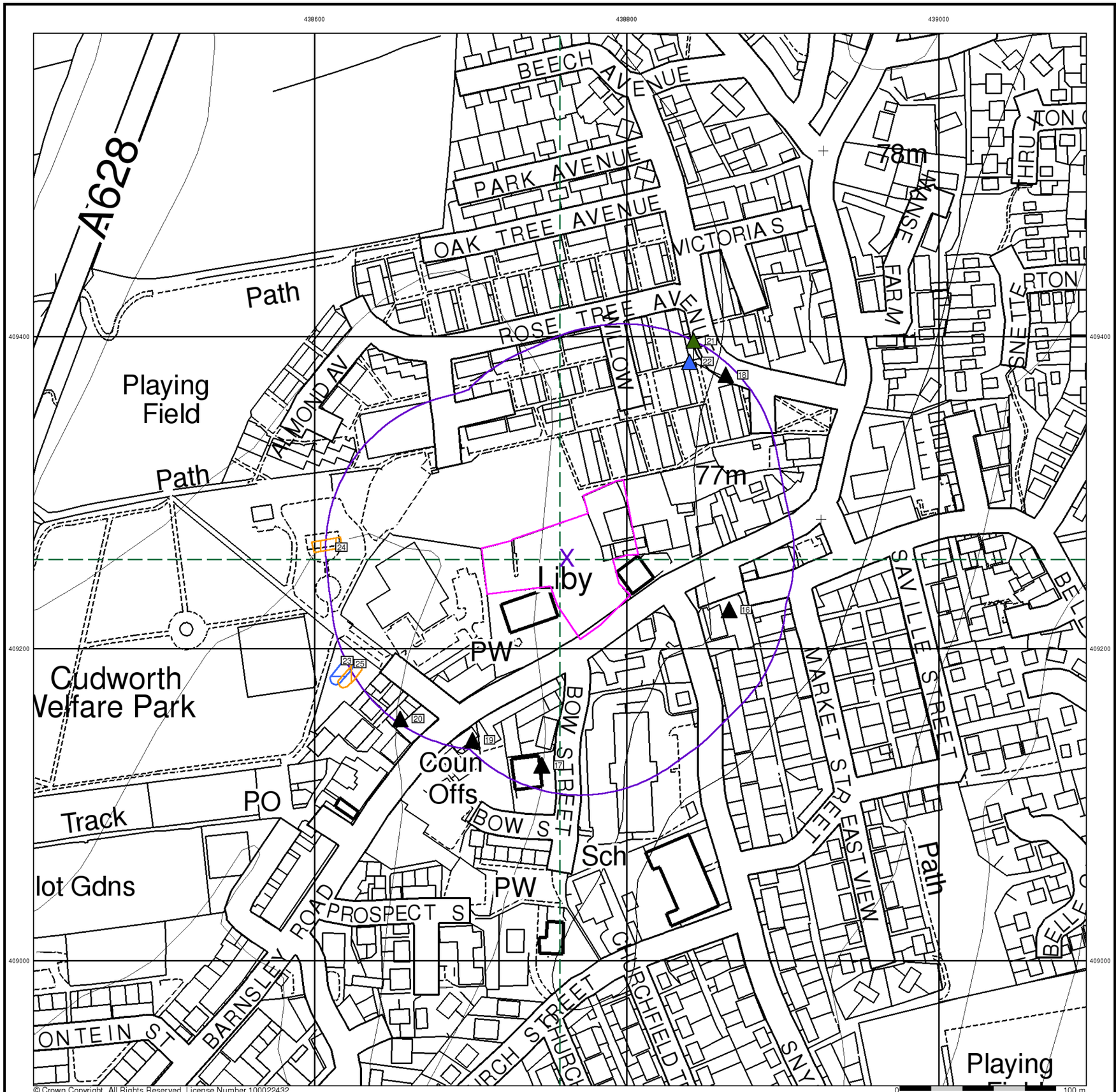
Data Suppliers

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	
Peter Brett Associates	
Wardell Armstrong	
Johnson Poole & Bloomer	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham 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 - Mining Report Service** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
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** The Smith Centre, Henley on Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9960 Fax: 0844 844 9951 Email: customerservice@promap.co.uk Website: www.landmarkinfo.co.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk



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Historical Land Use Information (1:2,500)

General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

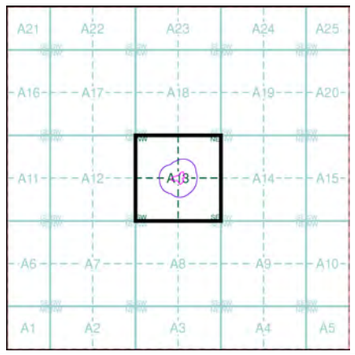
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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

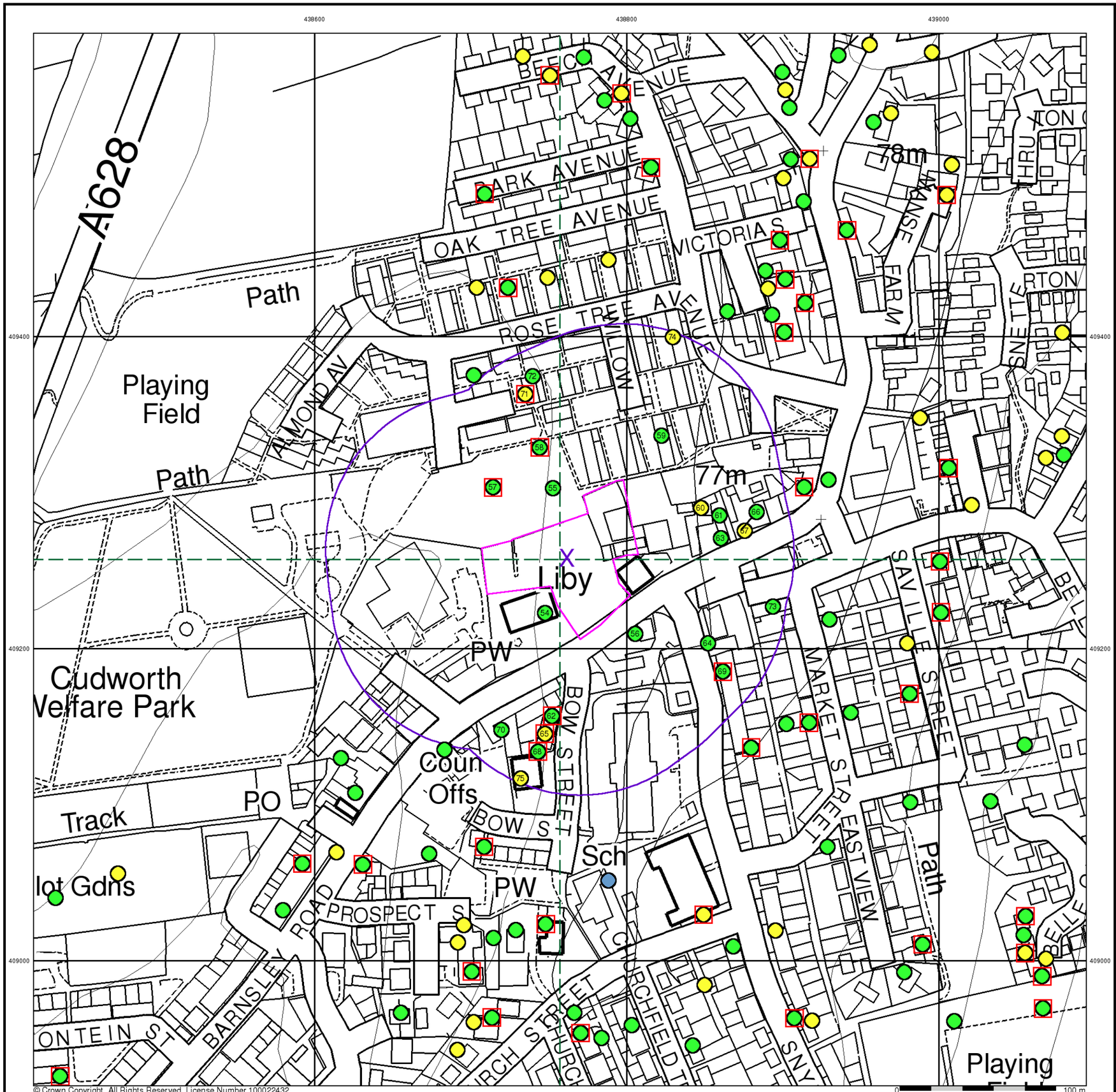
Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Plot Buffer (m):	100

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

Landmark Information Group

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



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Motion Map Data (1:2,500)

General

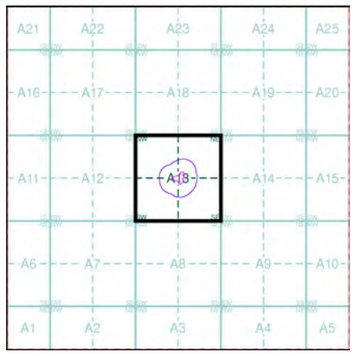
Specified Site | Specified Buffer(s) | Bearing Reference Point | Map ID

Several of Type at Location

Average Velocity Gradient

- Upward Movement > 3.5mm per year
- Upward Movement 1.5mm to 3.5mm per year
- Stable 1.5mm to -1.5mm per year
- Downward Movement -1.5mm to -3.5mm per year
- Downward Movement > -3.5mm per year

Mining and Ground Stability - Segment A13



Order Details

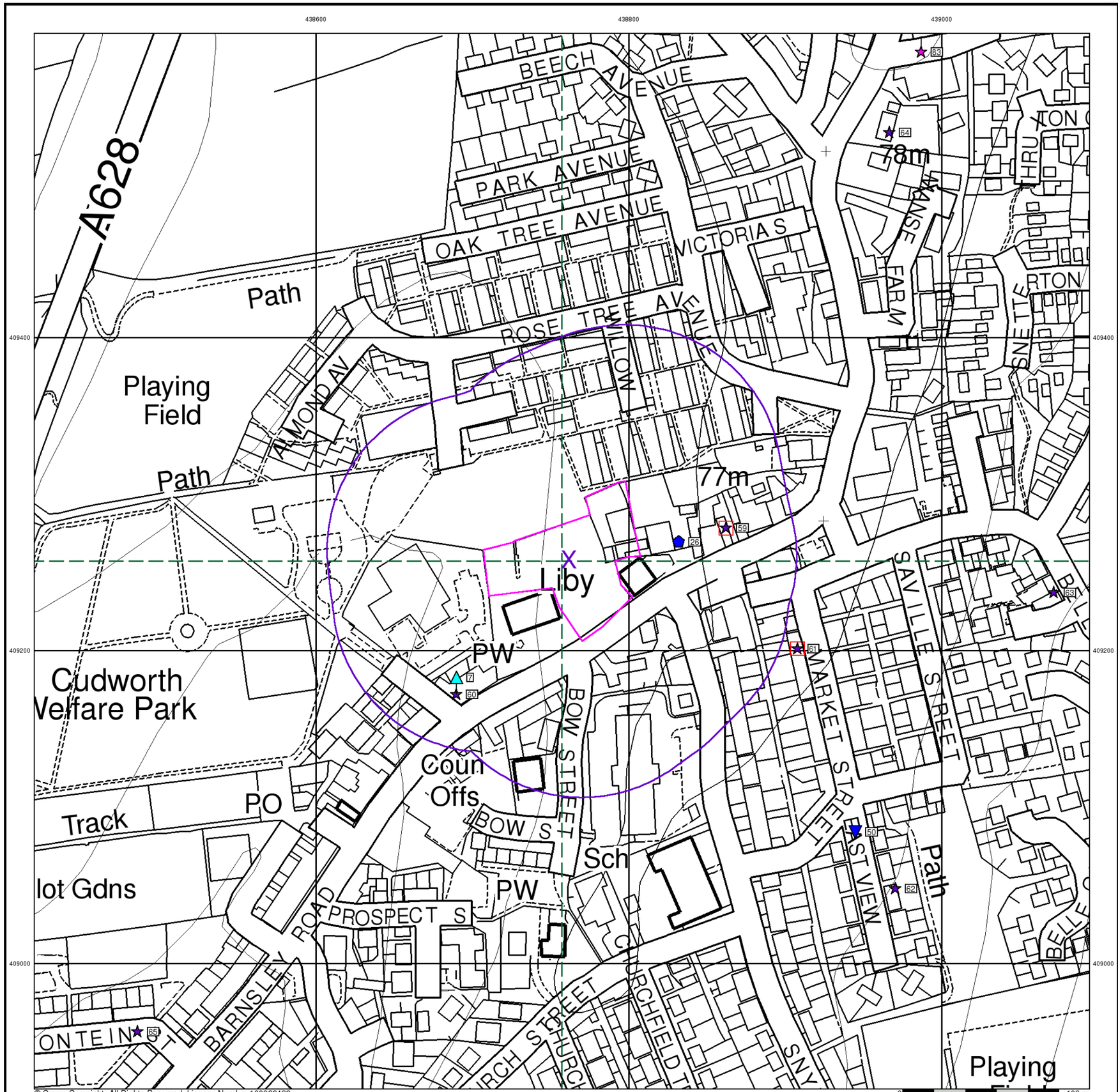
Order Number:	41547908_1_1
Customer Ref:	12712
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Slice:	A
Site Area (Ha):	0.51
Plot Buffer (m):	100

Site Details

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Landmark Information Group

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



General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

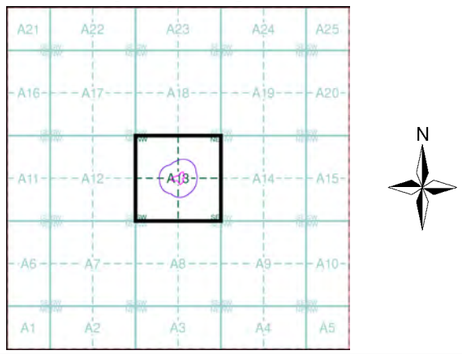
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Segment A13



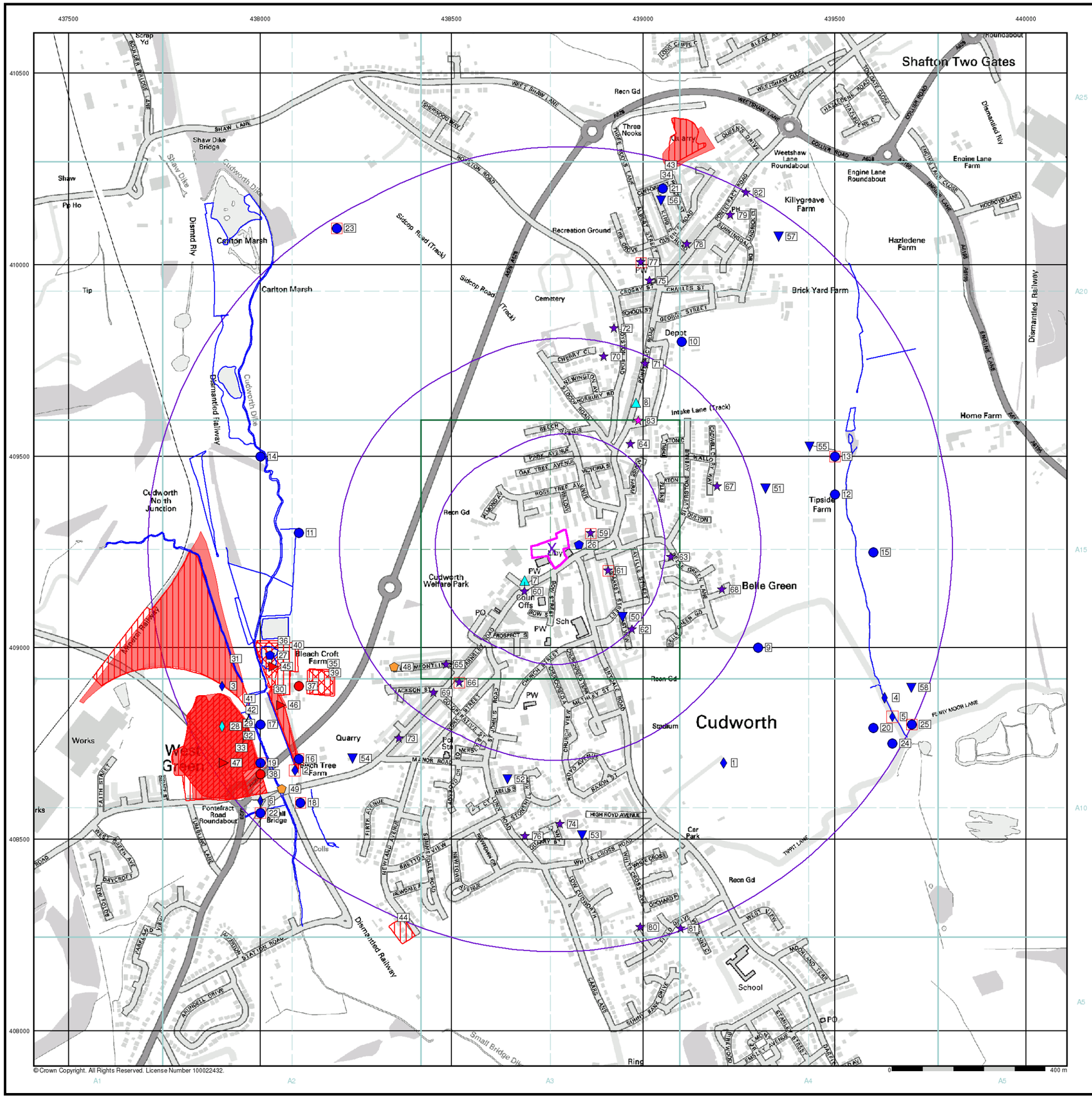
Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51

Site Details

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



General

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

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- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Geological

- BGS Recorded Mineral Site

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

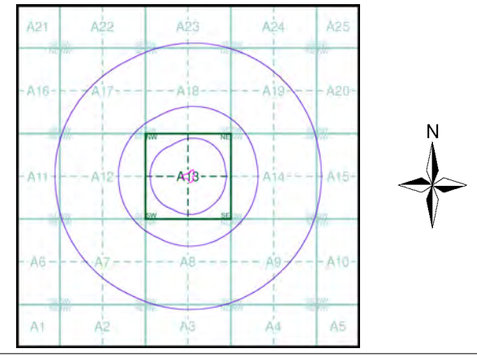
Waste

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- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Site Sensitivity Map - Slice A



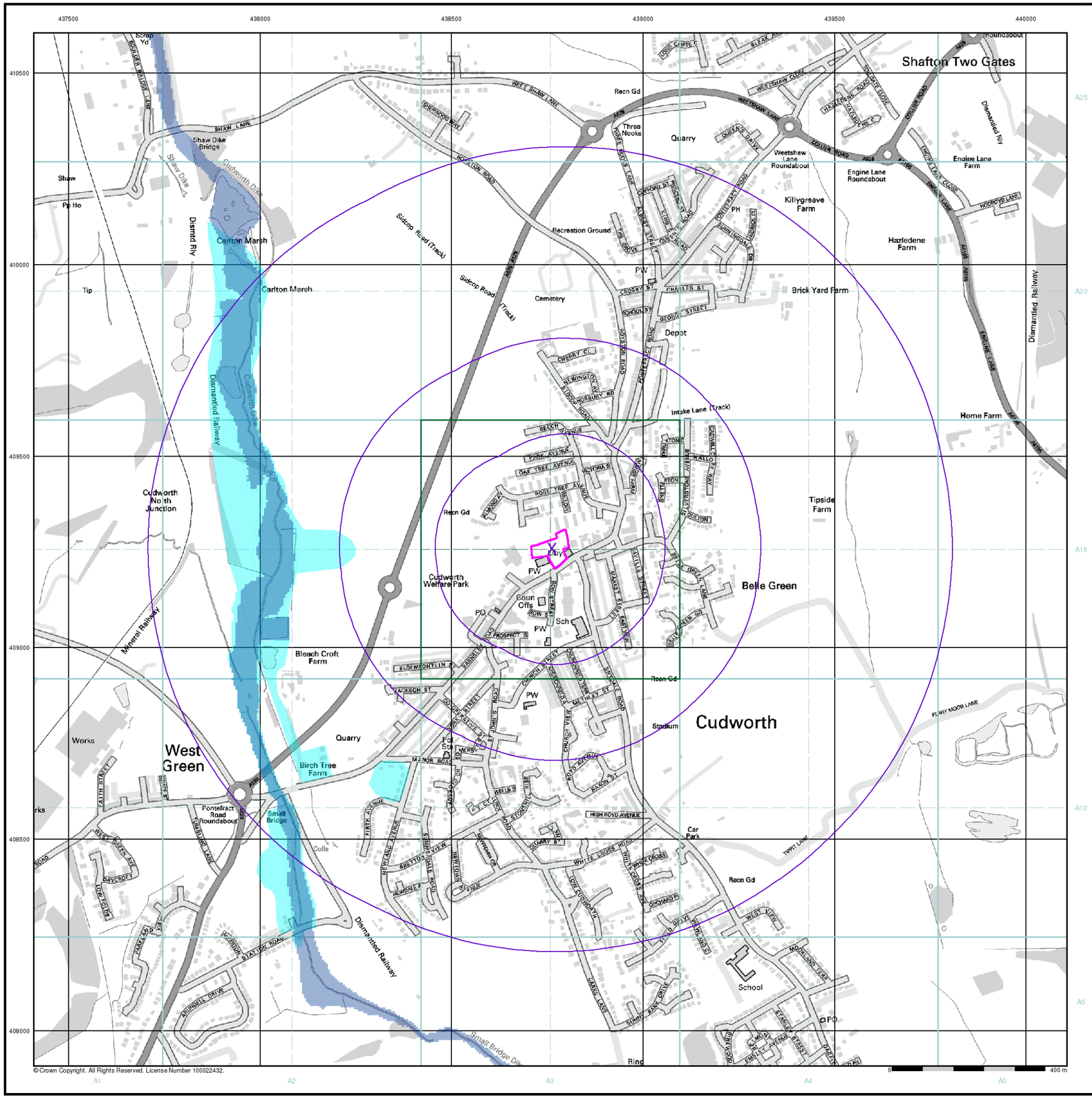
Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

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



consulting engineers

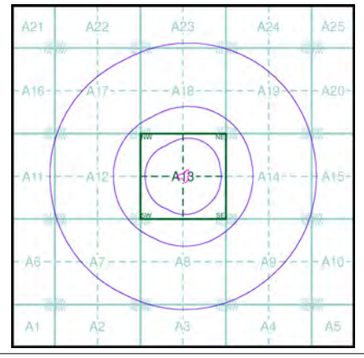
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- Area Benefiting from Flood Defence
- Flood Water Storage Areas
- Flood Defence

Flood Map - Slice A



Order Details

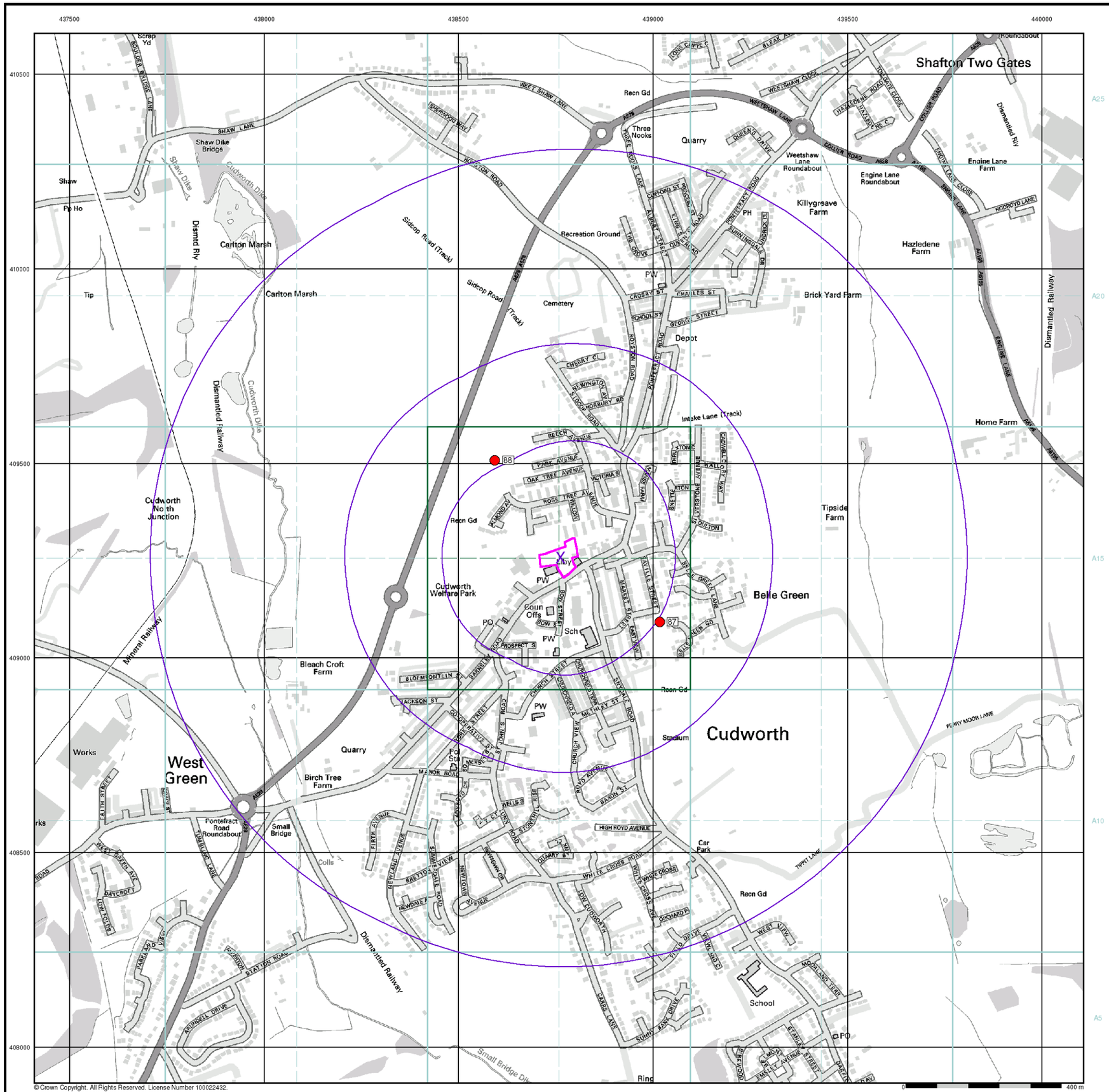
Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

Landmark Information Group

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



consulting engineers

General

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

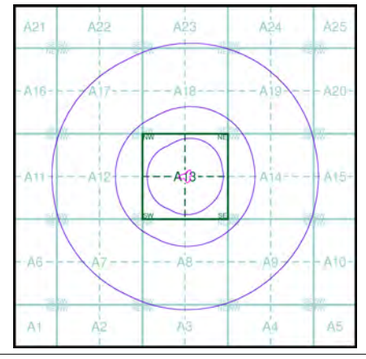
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number:	41547908_1_1
Customer Ref:	12712
National Grid Reference:	438760, 409260
Slice:	A
Site Area (Ha):	0.51
Search Buffer (m):	1000

Site Details

Proposed Aldi Store, Barnsley Road, Cudworth, Barnsley, South Yorkshire

Landmark Information Group

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

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
41547908_1_1

Customer Reference:
12712

National Grid Reference:
438760, 409260

Slice:
A

Site Area (Ha):
0.51

Search Buffer (m):
1000

Site Details:

Proposed Aldi Store
Barnsley Road
Cudworth
Barnsley
South Yorkshire

Client Details:

Mr J Brock
3e Consulting Engineers Ltd
1st Floor, Block C
Holland Park
Holland Drive
Newcastle upon Tyne
NE2 4LD

Contents

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	11
Hazardous Substances	-
Geological	16
Industrial Land Use	32
Sensitive Land Use	35
Data Currency	36
Data Suppliers	40
Useful Contacts	41

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v47.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				9
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 3		1	1	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 3				Yes
Pollution Incidents to Controlled Waters	pg 3				28
Prosecutions Relating to Authorised Processes					
Prosecutions Relating to Controlled Waters					
Registered Radioactive Substances					
River Quality	pg 8				2
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register	pg 8		1		1
Water Abstractions	pg 9				2 (*4)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 10	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
Waste					
BGS Recorded Landfill Sites	pg 11				1
Historical Landfill Sites	pg 11				5
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 12				2
Licensed Waste Management Facilities (Locations)	pg 12				2
Local Authority Recorded Landfill Sites	pg 13				6
Registered Landfill Sites	pg 14				3
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 15			1	1

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 28		1		8
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
Brine Compensation Area			n/a	n/a	n/a
Coal Mining Affected Areas	pg 30	Yes	n/a	n/a	n/a
Mining Instability	pg 30	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 30	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 30	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 30	Yes		n/a	n/a
Radon Potential - Radon Affected Areas	pg 31	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 32		7	11	13
Fuel Station Entries	pg 34			1	

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Areas of Adopted Green Belt	pg 35		1		
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 35				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 35	1			
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Pumping Station Location: Snydale Road Ps , South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Reference: WADC389 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: Not Supplied Revocation Date: Not Supplied Discharge Type: Storm sewage overflow discharge Discharge Environment: Freshwater Stream/River Receiving Water: Ferrymoor Dyke **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	670	1	439210 408700
2	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Klondyke (Remote Eo) Sps Station Road, Cudworth, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wa6008 Permit Version: 1 Effective Date: 18th April 1990 Issued Date: 18th April 1990 Revocation Date: 26th February 2003 Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Small Bridge Dyke **Status: Transferred from Water Act 1989** Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	812	1	438100 408700
2	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Playing Fields Sps Barnsley Road, Cudworth, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7592 Permit Version: 1 Effective Date: 18th May 2000 Issued Date: 18th May 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Small Bridge Dyke **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	833	1	438090 408680
2	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Playing Fields Sps Barnsley Road, Cudworth, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7592 Permit Version: 1 Effective Date: 18th May 2000 Issued Date: 18th May 2000 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Trib Of Small Bridge Dyke **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	833	1	438090 408680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	**Discharge Consents** Operator: Burnett & Hallamshire Fule Ltd Property Type: Trade (Unknown/Other) Location: B&H Fuels Ltd- Cudworth Tip Site (C, Losed) Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: 3462 Permit Version: 1 Effective Date: 5th September 1983 Issued Date: 5th September 1983 Revocation Date: 19th November 1990 Discharge Type: Trade Effluent Discharge Environment: Not Supplied Receiving Water: Not Supplied **Status: Authorisation revokedRevoked** Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	877	1	437900 408900
4	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Snydale Road Sewage Pumping Stn Snydale Road, Grimethorpe, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7803 Permit Version: 1 Effective Date: 26th February 2002 Issued Date: 26th February 2002 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Pumping Station - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Ferrymoor Dyke **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	905	1	439630 408870
5	**Discharge Consents** Operator: Uk Coal Mining Limited Property Type: Coal Extraction, Surface Location: Ferry Moor Reclamation Scheme Engine Lane, Grimethorpe, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7578 Permit Version: 1 Effective Date: 2nd August 2001 Issued Date: 2nd August 2001 Revocation Date: 1st February 2003 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Freshwater Stream/River Receiving Water: Ferrymr Dyke & Grimethrpe Beck **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	944	1	439650 408820
5	**Discharge Consents** Operator: Uk Coal Mining Limited Property Type: Coal Extraction, Surface Location: Ferry Moor Reclamation Scheme Engine Lane, Grimethorpe, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wra7578 Permit Version: 2 Effective Date: 2nd February 2003 Issued Date: 2nd August 2001 Revocation Date: 1st November 2003 Discharge Type: Trade Discharges - Site Drainage (Contaminated Surface Water, Not Waste Sites) Discharge Environment: Freshwater Stream/River Receiving Water: Ferrymr Dyke & Grimethrpe Beck **Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995)** Positional Accuracy: Located by supplier to within 10m	A9NE (SE)	944	1	439650 408820

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Yorkshire Water Services Ltd Property Type: Sewerage Network - Pumping Station - Water Company Location: Klondyke Sps Tumbling Lane, Cudworth, Barnsley, South Yorkshire Authority: Environment Agency, North East Region Catchment Area: Don Tributaries Reference: Wa6126 Permit Version: 1 Effective Date: 7th August 1990 Issued Date: 7th August 1990 Revocation Date: 26th February 2003 Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge Environment: Freshwater Stream/River Receiving Water: Cudworth Dyke **Status: Transferred from Water Act 1989** Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	953	1	438000 408600
7	**Local Authority Pollution Prevention and Controls** Name: How Clean Dry Cleaners Location: 258 Barnsley Road, Cudworth, Barnsley, S72 8su Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: ppc/b/85 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning **Status: Permitted** Positional Accuracy: Manually positioned to the address or location	A13SW (SW)	67	2	438690 409172
8	**Local Authority Pollution Prevention and Controls** Name: Star Service Station Location: Pontefract Road, Cudworth, BARNSLEY, South Yorkshire Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards Permit Reference: Epa/Petrol17 Dated: 24th August 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station **Status: Site Closed** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	376	2	438981 409636
	Nearest Surface Water Feature	A12NE (W)	615	-	438094 409306
9	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 4th November 1991 Incident Reference: 127837 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	551	1	439300 409000
10	**Pollution Incidents to Controlled Waters** Property Type: Domestic/Residential Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 21st August 1994 Incident Reference: 153419 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	578	1	439100 409800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 16th August 1991 Incident Reference: 125457 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NE (W)	609	1	438100 409300
12	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 15th January 1994 Incident Reference: 149690 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	707	1	439500 409400
13	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: 5 Lanes End, CUDWORTH Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 29th September 1995 Incident Reference: SH950016 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	727	1	439500 409495
13	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: CUDWORTH Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 11th July 1997 Incident Reference: SH970331 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	728	1	439500 409500
13	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 5th April 1992 Incident Reference: 131969 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A14NE (E)	732	1	439505 409495
14	**Pollution Incidents to Controlled Waters** Property Type: Miscellaneous Premises: Unknown Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 21st August 1991 Incident Reference: 126167 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A12NW (W)	746	1	438000 409500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: Ferrymoor Dyke, CUDWORTH Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Shafton Beck; Fish Killed: No Information Incident Date: Not Supplied Incident Reference: SH980281 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A14SE (E)	793	1	439600 409250
16	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 17th November 1992 Incident Reference: 138925 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	808	1	438105 408700
16	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 16th October 1991 Incident Reference: 127499 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	812	1	438105 408695
16	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 30th April 1990 Incident Reference: 109966 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	812	1	438100 408700
16	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: Not Supplied Incident Date: 26th March 1992 Incident Reference: 131644 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	815	1	438100 408695
17	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Note: Not Supplied Incident Date: 3rd September 1992 Incident Reference: 136704 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	833	1	438000 408800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 7th June 1993 Incident Reference: 144947 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	881	1	438100 408600
18	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 4th June 1990 Incident Reference: 111221 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	881	1	438105 408595
18	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Lund Lane Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 6th January 1989 Incident Reference: 6729 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	885	1	438100 408595
19	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Sewage Treatment Works Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 24th July 1990 Incident Reference: 112941 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	890	1	438000 408700
19	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 21st October 1991 Incident Reference: 127796 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	893	1	438000 408695
20	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Cudworth, BARNSLEY Authority: Environment Agency, North East Region Pollutant: Sewage - Storm Overflow Note: No Fish Killed Incident Date: 28th April 1997 Incident Reference: SH970189 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	909	1	439600 408800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	**Pollution Incidents to Controlled Waters** Property Type: Other General Premises Location: 4 Kings Road, CUDWORTH Authority: Environment Agency, North East Region Pollutant: Oils - Waste Oil Note: No Fish Killed Incident Date: 9th May 1997 Incident Reference: SH970247 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A18NE (N)	927	1	439050 410200
22	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: Edderthorpe Lane/Rail Viadct Dearne 11 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 12th September 1991 Incident Reference: 126316 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	953	1	438000 408600
22	**Pollution Incidents to Controlled Waters** Property Type: Surface Water Sewers Location: Footbridge/ Road Bridge B6428 Dearne 19 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 10th January 1990 Incident Reference: 106742 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 1 - Major Incident Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	957	1	438000 408595
23	**Pollution Incidents to Controlled Waters** Property Type: Scrapyards Location: Carlton Marsh Nature Reserve Authority: Environment Agency, North East Region Pollutant: Oils - Diesel (Including Agricultural) Note: Pollution Found; No Fish Killed Incident Date: 6th November 1996 Incident Reference: SH960476 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	974	1	438200 410095
23	**Pollution Incidents to Controlled Waters** Property Type: Scrapyards Location: Cudworth Dyke At, Carlton Marsh Reserve Authority: Environment Agency, North East Region Pollutant: Oils - Black Fuel Oil Note: Pollution Found; No Fish Killed Incident Date: 29th September 1996 Incident Reference: SH960468 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Unknown Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A17NE (NW)	978	1	438200 410100
24	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Storm Overflow Location: Five Lane End, Cudworth, BARNSLEY Authority: Environment Agency, North East Region Pollutant: Surcharged Sewage Note: Cudworth Dyke; No Fish Killed Incident Date: 22nd May 1998 Incident Reference: SH980232 Catchment Area: Dearne Tributaries Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	977	1	439650 408750

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Crude Sewage Note: Not Supplied Incident Date: 25th June 1993 Incident Reference: 145520 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	998	1	439700 408800
25	**Pollution Incidents to Controlled Waters** Property Type: Water Company Sewage: Foul Sewer Location: Little Houghton/Edderthrp Ln Dearne 10 Authority: Environment Agency, North East Region Pollutant: Unknown Sewage Note: Not Supplied Incident Date: 20th September 1993 Incident Reference: 147840 Catchment Area: Not Given Receiving Water: Freshwater Stream/River Cause of Incident: Not Given Incident Severity: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 100m	A9NE (SE)	1000	1	439700 408795
	River Quality Name: Cudworth_Dyke GQA Grade: River Quality E Reach: Barnsley_Canal_(Disu_River_Dearn Estimated Distance (km): 2.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A12SW (W)	675	1	438038 409178
	River Quality Name: Shafton_Beck GQA Grade: River Quality E Reach: Grimethorpe_Sewage_W_Grimethorpe_Dik Estimated Distance (km): 1.6 Flow Rate: Flow less than 0.31 cumecs Flow Type: River Year: 2000	A14NE (E)	760	1	439554 409399
26	**Substantiated Pollution Incident Register** Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 3rd November 2004 Incident Reference: 277056 Water Impact: Category 4 - No Impact Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Specific Waste Materials: Vehicles And Vehicle Parts	A13NE (E)	26	1	438832 409269
27	**Substantiated Pollution Incident Register** Authority: Environment Agency - North East Region, Yorkshire Area Incident Date: 27th August 2003 Incident Reference: 185386 Water Impact: Category 2 - Significant Incident Air Impact: Category 4 - No Impact Land Impact: Category 4 - No Impact Positional Accuracy: Located by supplier to within 10m Pollutant: General Biodegradable Materials and WastesAlgae	A12SW (W)	731	1	438026 408980

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	**Water Abstractions** Operator: Northern Strip Mining Limited Licence Number: 2/27/08/094 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 114 Yearly Rate (m3): 32000 Details: Licence Lapsed Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	920	1	437900 408800
28	**Water Abstractions** Operator: Northern Strip Mining Limited Licence Number: 2/27/08/096 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 114 Yearly Rate (m3): 32000 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	923	1	437900 408795
	Water Abstractions Operator: Redfearn Brothers Ltd Licence Number: 2/27/08/043 Permit Version: Not Supplied Location: Monk Bretton Glass Works, Monk Bretton, BARNSLEY Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Borehole; Status : Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1678	1	437205 408495
	Water Abstractions Operator: Redfearn Brothers Limited Licence Number: 2/27/08/045 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Groundwater Daily Rate (m3): 9 Yearly Rate (m3): 3319 Details: Sherwood Sandstone Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1680	1	437200 408500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Redfearn Brothers Limited Licence Number: 2/27/08/044 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: Cooling Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 3928 Yearly Rate (m3): 1433627 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A6SW (SW)	1682	1	437200 408495
	Water Abstractions Operator: Burnett & Hallamshire Fuel Limited Licence Number: 2/27/08/100 Permit Version: Not Supplied Location: Location Description Not Available Authority: Environment Agency, North East Region Abstraction: General Industrial Abstraction Type: Not Supplied Source: Surface Daily Rate (m3): 140 Yearly Rate (m3): 35280 Details: Licence Revoked Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A21NE (NW)	1898	1	437680 410860
	Groundwater Vulnerability Soil Classification: Soils of High Leaching Potential (U) - Soil information for restored mineral workings and urban areas is based on fewer observations than elsewhere. A worst case vulnerability classification (H) assumed, until proved otherwise Map Sheet: Sheet 11 South Pennines Scale: 1:100,000	A13NE (NE)	0	1	438762 409258
	Drift Deposits None				
	Bedrock Aquifer Designations Aquifer Desination: Secondary Aquifer - A	A13NE (NE)	0	3	438762 409258
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**BGS Recorded Landfill Sites** Site Name: Klondyke Tip Location: Burton Road, BARNSLEY, South Yorkshire Authority: British Geological Survey, National Geoscience Information Service Ground Water: Information not available Surface Water: Information not available Geology: N/A Positional Accuracy: Positioned by the supplier Boundary Accuracy: Moderate	A7NW (SW)	862	3	437965 408802
30	**Historical Landfill Sites** Licence Holder: R Armstrong Location: Cudworth, Barnsley Name: Bleach Croft Farm Operator Location: Bleach Croft Farm, Cudworth, Barnsley Boundary Accuracy: As Supplied Provider Reference: EAHLD04380 First Input Date: 30th November 1987 Last Input Date: 31st December 1994 Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0446 BGS Ref: Not Supplied Other Ref: WD20 B330, WD20 B815, 4400/B330, 20B815, 20B330(43)	A7NW (SW)	744	1	438051 408892
31	**Historical Landfill Sites** Licence Holder: Neepsend / North Strip Mining / B and H Fuel Limited Location: Off Burton Road, Monk Bretton, Barnsley Name: Cudworth Tip Site Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD34624 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste Type: Not Supplied EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0456 BGS Ref: Not Supplied Other Ref: Not Supplied	A12SW (W)	818	1	437937 408972
32	**Historical Landfill Sites** Licence Holder: Redland Purle (Cleanaway) Limited Location: Burton Road, Monk Bretton, Barnsley Name: Cudworth Landfill Site Operator Location: Claydons Lane, Rayleigh, Essex Boundary Accuracy: As Supplied Provider Reference: EAHLD04379 First Input Date: 31st December 1973 Last Input Date: 31st December 1977 Specified Waste Type: Deposited Waste included Inert, Industrial, Commercial, Household and Special Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0421 BGS Ref: Not Supplied Other Ref: WD20 B3, 4400/B3, 20B3(18)	A7NW (SW)	859	1	437964 408809
33	**Historical Landfill Sites** Licence Holder: Not Supplied Location: Burton Road, Barnsley, South Yorkshire Name: Klondyke Tip Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD31671 First Input Date: 4th April 1972 Last Input Date: Not Supplied Specified Waste Type: Deposited Waste included Inert, Industrial and Commercial Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: 1893 Other Ref: Not Supplied	A7NW (SW)	862	1	437965 408802

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**Historical Landfill Sites** Licence Holder: Scorah-Stothard and Company Limited Location: Cudworth, Barnsley Name: Quarry off Weetshaw Lane Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD04280 First Input Date: 31st December 1947 Last Input Date: 19th November 1984 Specified Waste Type: Deposited Waste included Inert and Commercial Waste EA Waste Ref: Not Supplied Regis Ref: Not Supplied WRC Ref: 4400/0476 BGS Ref: Not Supplied Other Ref: 4400/B241, WD20 B241	A18NE (N)	985	1	439060 410257
35	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: R. Armstrong Licence Number: 60593 Location: Bleachcroft Farm, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UX Licence Holder: Armstrong Mr R Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status: Issued** Issued 15th April 1991 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12SE (SW)	597	1	438191 408942
36	**Licensed Waste Management Facilities (Landfill Boundaries)** Name: R. Armstrong Licence Number: 60593 Location: Bleachcroft Farm, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UX Licence Holder: Armstrong Mr R Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) Max Input Rate: Not Supplied **Licence Status: Issued** Issued 15th April 1991 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied	A12SW (W)	685	1	438061 409018
37	**Licensed Waste Management Facilities (Locations)** Licence Number: 60593 Location: Bleachcroft Farm, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UX Operator Name: Armstrong Mr R Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Landfills Taking Non-biodegradeable Wastes (Not Construction) **Licence Status: Issued** Issued: 15th April 1991 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NE (SW)	697	1	438100 408900
38	**Licensed Waste Management Facilities (Locations)** Licence Number: 60546 Location: The Brickyard, Burton Road, West Green, Barnsley, South Yorkshire, S71 4RP Operator Name: E J Lidster Construction Ltd Operator Location: Not Supplied Authority: Environment Agency - North East Region, Yorkshire Area Site Category: Transfer Stations Taking Non-biodegradable Wastes **Licence Status: Issued** Issued: 31st January 1994 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A7NW (SW)	890	1	438000 408700
	Local Authority Landfill Coverage Name: Barnsley Metropolitan Borough Council - Has supplied landfill data		0	2	438762 409258

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 43 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SE (SW)	597	2	438195 408934
40	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 43 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A12SE (W)	654	2	438098 409007
41	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 54 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7NW (SW)	825	2	437972 408868
42	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 18 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7NW (SW)	862	2	437963 408807
43	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 74 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A18NE (N)	991	2	439072 410260
44	**Local Authority Recorded Landfill Sites** Location: Not Supplied Reference: 157 Authority: Barnsley Metropolitan Borough Council, Environmental Health and Trading Standards **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A7SE (S)	994	2	438374 408295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	**Registered Landfill Sites** Licence Holder: R Armstrong Licence Reference: WD20 B 815 MOD 2 Site Location: Bleachcroft Farm, Cudworth, BARNSLEY, South Yorkshire, S72 8UX Licence Easting: 438030 Licence Northing: 408970 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Site closed (licence partially revoked)Site Closed Dated: 15th April 1991 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Non-Haz. Casting Sand Inert Solid Non-Haz. Excavation W. Inert Solid Non-Haz. Soil & Subsoil Inert, Non-Haz. Solid Constr'N/Demol. Max.Waste Permitted By Licence-Stated Prohibited Waste: Alll Forms Of Asbestos Liquid/Slurry In Drum/Cont'R > 4 L Cap Paper/Cardboard Waste Plasterboard Plastic Wood	A12SW (W)	731	1	438030 408970
46	**Registered Landfill Sites** Licence Holder: R Armstrong Licence Reference: WD20 B 330 Site Location: Bleach Croft Farm, Cudworth, Barnsley, South Yorkshire Licence Easting: 438050 Licence Northing: 408850 Operator Location: As Site Address Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st November 1981 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavated Natural Materials $ Prohibited Waste: Liquids In Containers Over 4l Cap. Slurry In Containers Over 4l Cap.	A7NW (SW)	765	1	438050 408850
47	**Registered Landfill Sites** Licence Holder: Cleanaway Ltd Licence Reference: WD20 B 3 MOD 1 Site Location: Cudworth Landfill, Burton Road, Monk Bretton, Barnsley, South Yorkshire Licence Easting: 437900 Licence Northing: 408700 Operator Location: The Drive, Warley, BRENTWOOD, Essex, CM13 3BE Authority: Environment Agency - North East Region, Ridings Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st January 1991 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Clay, Sub/Topsoil	A7NW (SW)	972	1	437900 408700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	**Registered Waste Treatment or Disposal Sites** Licence Holder: C Rawlinson Licence Reference: WD20 B 685 Site Location: Car Dismantling Yard, Bloemfontein Street, Cudworth, Barnsley, South Yorkshire Operator Location: 9 Thruxton Close, Cudworth, BARNSLEY, South Yorkshire, S72 8NB Authority: Environment Agency - North East Region, Ridings Area Site Category: Scrapyard Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st October 1989 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Max.Storage Permitted By Licence Scrap Vehicles Prohibited Waste: Liquid Wastes	A12SE (SW)	460	1	438350 408950
49	**Registered Waste Treatment or Disposal Sites** Licence Holder: E J Lidster Construction Ltd Licence Reference: WD20 B1030 MOD 2 Site Location: Burton Road / Pontefract Road, West Green, Barnsley, South Yorkshire Operator Location: Arunden House, Lund Lane, Burton Green, BARNSLEY, South Yorkshire, S71 5PA Authority: Environment Agency - North East Region, Ridings Area Site Category: Transfer - with treatment Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Site not yet started Dated: 31st January 1994 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Building And Demolition Wastes Excavation Materials Max.Storage For Processing Max.Waste Permitted By Licence Prohibited Waste: Asbestos Liquid/Sludge Wastes Putrescible Waste	A7NW (SW)	953	1	438000 408600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Upper Westphalian (including Pennant Measures)	A13NE (NE)	0	3	438762 409258
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	0	4	438762 409258
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (E)	39	4	438843 409243
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	72	4	438647 409305
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (E)	193	4	439000 409258
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (S)	207	4	438762 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A13SW (S)	209	4	438736 409000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (W)	287	4	438445 409381
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SE (SE)	306	4	439000 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (SW)	312	4	438506 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	388	4	439192 409219
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	431	4	439164 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (E)	470	4	439274 409205

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SE (SW)	492	4	438278 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	543	4	439292 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	570	4	438783 408637
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8NE (S)	571	4	438764 408636
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (NW)	581	4	438481 409801
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	604	4	438338 409742

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	605	4	438663 409898
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	614	4	439000 408637
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SE (W)	618	4	438126 409036
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SE (SW)	619	4	438139 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	621	4	439000 408629
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	621	4	439016 408636

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	621	4	439016 408636
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	624	4	438083 409275
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	632	4	438079 409198
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NW (S)	640	4	438500 408626
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	680	4	438073 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	692	4	438762 410000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	693	4	438824 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	702	4	438914 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	703	4	438838 410009
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	708	4	438000 409258
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A8SE (S)	719	4	438946 408509
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	721	4	439000 410000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	725	4	439524 409370
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NW (N)	729	4	438566 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	729	4	438000 409440
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	749	4	438000 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A7NE (SW)	772	4	438247 408618
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SE (S)	775	4	439000 408467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	786	4	437952 409479
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	796	4	437961 409539
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	798	4	439582 409067
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	800	4	438001 409639
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	801	4	438000 409639
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	802	4	438000 409641

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	803	4	438957 410095
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	808	4	439606 409380
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NE (SW)	817	4	438184 408611
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	823	4	439591 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	828	4	437965 409630
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	830	4	438087 409815

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SE (NW)	832	4	438106 409839
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8SW (S)	835	4	438617 408386
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	837	4	438000 409711
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	839	4	437989 409698
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NE (N)	846	4	439000 410129
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17SW (NW)	847	4	437962 409666

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 90 - 120 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A12SW (W)	853	4	437899 408972
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	854	4	439009 410135
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12SW (W)	856	4	437888 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18NE (N)	862	4	439000 410145
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14NE (E)	862	4	439661 409380
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	870	4	438244 410000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NW (W)	890	4	437868 409558
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	891	4	439671 409037
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A19NW (NE)	892	4	439360 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	910	4	439681 409000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	940	4	438372 410148
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NE (NW)	946	4	438113 410000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NE (NE)	958	4	439460 410000
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7SW (SW)	966	4	438000 408581
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 30 - 45 mg/kg	A18NE (N)	979	4	439000 410265
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A17NW (NW)	982	4	438000 409946
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <150 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SE (E)	989	4	439763 409000
50	**BGS Recorded Mineral Sites** Site Name: Market Street Location: Market Street, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37834 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	207	3	438945 409085

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
51	**BGS Recorded Mineral Sites** Site Name: Cudworth Quarry Location: , Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 109930 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	534	3	439319 409420
52	**BGS Recorded Mineral Sites** Site Name: Well Street Location: Well Street, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37833 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	560	3	438645 408661
53	**BGS Recorded Mineral Sites** Site Name: Lower Cudworth Location: , Lower Cudworth, Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10190 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8SE (S)	695	3	438840 408515
54	**BGS Recorded Mineral Sites** Site Name: Knowles Location: , Cudworth, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 13329 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	702	3	438240 408715
55	**BGS Recorded Mineral Sites** Site Name: South Hiendleyupper Cudworth Location: , Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103072 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NE (E)	736	3	439503 409516
56	**BGS Recorded Mineral Sites** Site Name: Upper Cudworth Location: Three Nooks Lane, Upper Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103012 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Sand Positional Accuracy: Located by supplier to within 10m	A18NE (N)	911	3	439046 410184

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	**BGS Recorded Mineral Sites** Site Name: Upper Cudworth Location: , Upper Cudworth, Barnsley, Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 103011 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Mexborough Rock Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	950	3	439353 410078
58	**BGS Recorded Mineral Sites** Site Name: Ferry Moor Revised Occs Location: , Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 6718 Type: Opencast **Status: Ceased** Operator: Uk Coal Mining Ltd Operator Location: Uk Coal Mining Ltd, Harworth Park, Blyth Road, Harworth, Doncaster, Dn11 8db Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Surface Mined Positional Accuracy: Located by supplier to within 100m	A9NE (E)	958	3	439700 408900
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	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.	A13NE (NE)	0	5	438762 409258
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NE)	0	-	438762 409258
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	39	3	438843 409243
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Potential for Ground Dissolution Stability Hazards No Hazard				
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	25	3	438827 409228
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	31	3	438678 409277

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	3	438775 409258
	Radon Potential - Radon Affected Areas Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	0	3	438762 409258
	Radon Potential - Radon Affected Areas Affected Area: The property is in a radon affected area, as between 1 and 3% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	3	438775 409258

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	**Contemporary Trade Directory Entries** Name: Homestyle Interiors Location: 288, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8SY Classification: Fireplaces & Mantelpieces **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	58	-	438862 409278
59	**Contemporary Trade Directory Entries** Name: Victoria Garage Location: Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8SY Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	71	-	438875 409281
59	**Contemporary Trade Directory Entries** Name: G.L. Refinishing Location: Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8SY Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (E)	71	-	438875 409281
60	**Contemporary Trade Directory Entries** Name: How Clean Location: 258, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8SU Classification: Dry Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SW (SW)	67	-	438690 409172
61	**Contemporary Trade Directory Entries** Name: Demmex Marketing Ltd Location: 19, School Hill, Cudworth, Barnsley, South Yorkshire, S72 8LJ Classification: Clothing & Fabrics - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	76	-	438874 409212
61	**Contemporary Trade Directory Entries** Name: Nu-Look Location: 12, Snydale Road, Cudworth, Barnsley, South Yorkshire, S72 8JR Classification: Carpet, Curtain & Upholstery Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	89	-	438868 409176
61	**Contemporary Trade Directory Entries** Name: Ironing For You Location: 9, Market Street, Cudworth, Barnsley, South Yorkshire, S72 8LN Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (E)	111	-	438908 409201
62	**Contemporary Trade Directory Entries** Name: Bad Bats Location: 20, East View, Cudworth, Barnsley, South Yorkshire, S72 8LR Classification: Bus & Coach Operators & Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13SE (SE)	251	-	438971 409048
63	**Contemporary Trade Directory Entries** Name: Dw Cleaning Location: 30, Belle Green Lane, Cudworth, Barnsley, South Yorkshire, S72 8LU Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A13SE (E)	266	-	439072 409237
64	**Contemporary Trade Directory Entries** Name: Cudworth Fencing Centre Location: 1, Pontefract Road, Cudworth, Barnsley, South Yorkshire, S72 8AJ Classification: Fencing Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	280	-	438967 409531
65	**Contemporary Trade Directory Entries** Name: Chr Location: Bloemfontein St, Cudworth, Barnsley, South Yorkshire, S72 8UN Classification: Classic Car Specialists **Status: Active** Positional Accuracy: Manually positioned to the road within the address or location	A13SW (SW)	358	-	438486 408956
66	**Contemporary Trade Directory Entries** Name: Auto Shine Location: 171, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UL Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	378	-	438519 408909

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	**Contemporary Trade Directory Entries** Name: Wilson Motors Location: 161, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UL Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	415	-	438495 408880
67	**Contemporary Trade Directory Entries** Name: Selby G Location: 21, Mallory Way, Cudworth, Barnsley, South Yorkshire, S72 8BT Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	411	-	439192 409421
68	**Contemporary Trade Directory Entries** Name: Arctic Purification Location: Paddock Gr, Cudworth, Barnsley, South Yorkshire, S72 8GF Classification: Filter Manufacturers & Suppliers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A14SW (E)	412	-	439205 409152
69	**Contemporary Trade Directory Entries** Name: Go Mobility Ltd Location: 166, Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UT Classification: Disability Equipment - Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (SW)	438	-	438452 408882
70	**Contemporary Trade Directory Entries** Name: A1 Mobile Tyres Location: 24, Cherry Close, Cudworth, Barnsley, South Yorkshire, S72 8TW Classification: Tyre Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	462	-	438896 409759
71	**Contemporary Trade Directory Entries** Name: Star Service Stations Location: Pontefract Rd, Cudworth, Barnsley, South Yorkshire, S72 8AY Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A18SE (NE)	480	-	439005 409741
72	**Contemporary Trade Directory Entries** Name: J Hazeldine & Son Location: Prospect Villa, Royston Road, Cudworth, Barnsley, South Yorkshire, S72 8AA Classification: Engine Rebuilding & Reconditioning **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A18SE (N)	540	-	438923 409833
73	**Contemporary Trade Directory Entries** Name: Dootson Motors Ltd Location: Barnsley Road, Cudworth, Barnsley, South Yorkshire, S72 8UU Classification: Garage Services **Status: Active** Positional Accuracy: Automatically positioned in the proximity of the address	A7NE (SW)	587	-	438362 408763
74	**Contemporary Trade Directory Entries** Name: Adinsons Location: 32, Quarry Bank Close, Cudworth, Barnsley, South Yorkshire, S72 8BJ Classification: Electrical Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	677	-	438783 408530
75	**Contemporary Trade Directory Entries** Name: Pennine Rentals Location: Albert Street, Cudworth, Barnsley, South Yorkshire, S72 8AP Classification: Washing Machines - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	686	-	439016 409958
76	**Contemporary Trade Directory Entries** Name: Oreass Location: 64, Lunn Road, Cudworth, Barnsley, South Yorkshire, S72 8DS Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SW (S)	704	-	438692 408507
77	**Contemporary Trade Directory Entries** Name: D M Automotive Location: 6a Albert St, Cudworth, Barnsley, South Yorkshire, S72 8AP Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	725	-	438994 410006

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
77	**Contemporary Trade Directory Entries** Name: Prompt Auto Service Location: 6a, Albert Street, Cudworth, Barnsley, South Yorkshire, S72 8AP Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NE (N)	726	-	438994 410006
77	**Contemporary Trade Directory Entries** Name: Vauxworld Location: 6, Albert Street, Cudworth, Barnsley, South Yorkshire, S72 8AP Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	753	-	439019 410027
78	**Contemporary Trade Directory Entries** Name: Kings D I Y Location: 218, Pontefract Road, Cudworth, Barnsley, South Yorkshire, S72 8AG Classification: Pet Foods & Animal Feeds **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	810	-	439114 410053
79	**Contemporary Trade Directory Entries** Name: M J M Mobile Hgv & Repairers Location: Pontefract Road, Cudworth, Barnsley, South Yorkshire, S72 8AG Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	928	-	439227 410130
80	**Contemporary Trade Directory Entries** Name: Auto-Mate Location: 12, Abbey Farm View, Cudworth, Barnsley, South Yorkshire, S72 8SJ Classification: Automation Systems & Equipment **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8SE (S)	962	-	438992 408270
81	**Contemporary Trade Directory Entries** Name: Neil Bassinder Location: 17, Field Drive, Cudworth, Barnsley, South Yorkshire, S72 8RH Classification: Boilers - Servicing, Replacements & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A9SW (S)	995	-	439098 408267
82	**Contemporary Trade Directory Entries** Name: Sandras Location: 261, Pontefract Road, Cudworth, Barnsley, South Yorkshire, S72 8AQ Classification: Cleaning Services - Domestic **Status: Active** Positional Accuracy: Automatically positioned to the address	A19NW (NE)	998	-	439268 410188
83	**Fuel Station Entries** Name: Star Service Station Location: Pontefract Road, Cudworth, BARNSLEY, South Yorkshire, S72 8AL Brand: Murco Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A13NE (NE)	342	-	438987 409592

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	**Areas of Adopted Green Belt** Authority: Barnsley Metropolitan Borough Council, Planning Department Plan Name: Barnsley Unitary Development Plan **Status: Adopted** Plan Date: 31st December 2000	A13NW (W)	181	6	438534 409315
85	**Local Nature Reserves** Name: Carlton Marsh Multiple Area: N Area (m2): 279913.3 Source: Natural England Designation Date: 13th June 1980	A12SW (W)	655	7	438053 409254
86	**Nitrate Vulnerable Zones** Name: Not Supplied Description: NVZ Area Source: Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	A13NE (NE)	0	8	438762 409258

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	July 2012	Annual Rolling Update
Doncaster Metropolitan Borough Council - Environmental Services	September 2011	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	September 2011	Annual Rolling Update
Discharge Consents		
Environment Agency - North East Region	July 2012	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - North East Region	September 2012	Quarterly
Integrated Pollution Controls		
Environment Agency - North East Region	October 2008	Not Applicable
Integrated Pollution Prevention And Control		
Environment Agency - North East Region	July 2012	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	December 2011	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	October 2011	Annual Rolling Update
Doncaster Metropolitan Borough Council - Environmental Services	September 2011	Annual Rolling Update
Local Authority Pollution Prevention and Controls		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	December 2011	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	October 2011	Annual Rolling Update
Doncaster Metropolitan Borough Council - Environmental Services	September 2011	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	December 2011	Annual Rolling Update
Wakefield City Metropolitan District Council - Environmental Health	October 2011	Annual Rolling Update
Doncaster Metropolitan Borough Council - Environmental Services	September 2011	Annual Rolling Update
Nearest Surface Water Feature		
Ordnance Survey	July 2012	Quarterly
Pollution Incidents to Controlled Waters		
Environment Agency - North East Region	December 1998	Not Applicable
Prosecutions Relating to Authorised Processes		
Environment Agency - North East Region	September 2012	Monthly
Prosecutions Relating to Controlled Waters		
Environment Agency - North East Region	September 2012	Monthly
Registered Radioactive Substances		
Environment Agency - North East Region	July 2012	Quarterly
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - North East Region - Ridings Area	July 2012	Quarterly
Environment Agency - North East Region - Yorkshire Area	July 2012	Quarterly
Water Abstractions		
Environment Agency - North East Region	July 2012	Quarterly
Water Industry Act Referrals		
Environment Agency - North East Region	July 2012	Quarterly
Groundwater Vulnerability		
Environment Agency - Head Office	January 2011	Not Applicable
Drift Deposits		
Environment Agency - Head Office	January 1999	Not Applicable

Agency & Hydrological	Version	Update Cycle
Bedrock Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Superficial Aquifer Designations		
British Geological Survey - National Geoscience Information Service	September 2011	Annually
Source Protection Zones		
Environment Agency - Head Office	July 2012	Quarterly
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	July 2012	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	July 2012	Quarterly
Flood Defences		
Environment Agency - Head Office	July 2012	Quarterly
Waste	**Version**	**Update Cycle**
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites		
Environment Agency - North East Region - Ridings Area	July 2012	Quarterly
Environment Agency - North East Region - Yorkshire Area	July 2012	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - North East Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - North East Region - Ridings Area	July 2012	Quarterly
Environment Agency - North East Region - Yorkshire Area	July 2012	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - North East Region - Ridings Area	July 2012	Quarterly
Environment Agency - North East Region - Yorkshire Area	July 2012	Quarterly
Local Authority Landfill Coverage		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	May 2000	Not Applicable
Doncaster Metropolitan Borough Council - Environmental Services	May 2000	Not Applicable
Wakefield City Metropolitan District Council - Environmental Health	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards	May 2000	Not Applicable
Doncaster Metropolitan Borough Council - Environmental Services	May 2000	Not Applicable
Wakefield City Metropolitan District Council - Environmental Health	May 2000	Not Applicable
Registered Landfill Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable
Registered Waste Treatment or Disposal Sites		
Environment Agency - North East Region - Ridings Area	March 2003	Not Applicable

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	May 2012	Bi-Annually
Explosive Sites		
Health and Safety Executive	June 2012	Bi-Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
Wakefield City Metropolitan District Council	February 2012	Annual Rolling Update
Doncaster Metropolitan Borough Council	May 2012	Annual Rolling Update
Barnsley Metropolitan Borough Council - Planning Department	October 2011	Annual Rolling Update
Planning Hazardous Substance Consents		
Wakefield City Metropolitan District Council	February 2012	Annual Rolling Update
Doncaster Metropolitan Borough Council	May 2012	Annual Rolling Update
Barnsley Metropolitan Borough Council - Planning Department	October 2011	Annual Rolling Update
Geological	**Version**	**Update Cycle**
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	January 2010	Variable
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	April 2012	Bi-Annually
Brine Compensation Area		
Cheshire Brine Subsidence Compensation Board	August 2011	Not Applicable
Coal Mining Affected Areas		
The Coal Authority - Mining Report Service	January 2012	As notified
Mining Instability		
Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain		
British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	February 2011	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	As notified

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	May 2012	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	May 2012	Quarterly
Sensitive Land Use	**Version**	**Update Cycle**
Areas of Adopted Green Belt		
Barnsley Metropolitan Borough Council - Planning Department	August 2012	As notified
Doncaster Metropolitan Borough Council	August 2012	As notified
Wakefield City Metropolitan District Council	August 2012	As notified
Areas of Unadopted Green Belt		
Barnsley Metropolitan Borough Council - Planning Department	August 2012	As notified
Doncaster Metropolitan Borough Council	August 2012	As notified
Wakefield City Metropolitan District Council	August 2012	As notified
Areas of Outstanding Natural Beauty		
Natural England	July 2012	Bi-Annually
Environmentally Sensitive Areas		
Natural England	February 2012	Annually
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2012	Bi-Annually
Marine Nature Reserves		
Natural England	August 2012	Bi-Annually
National Nature Reserves		
Natural England	February 2012	Bi-Annually
National Parks		
Natural England	August 2012	Bi-Annually
Nitrate Sensitive Areas		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	February 2012	Annually
Ramsar Sites		
Natural England	August 2012	Bi-Annually
Sites of Special Scientific Interest		
Natural England	August 2012	Bi-Annually
Special Areas of Conservation		
Natural England	August 2012	Bi-Annually
Special Protection Areas		
Natural England	August 2012	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**Environment Agency - National Customer Contact Centre (NCCC)** PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 08708 506 506 Email: enquiries@environment-agency.gov.uk
2	**Barnsley Metropolitan Borough Council - Environmental Health and Trading Standards** Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
3	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
4	**Landmark Information Group Limited** 5 - 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Telephone: 01392 441761 Fax: 01392 441709 Email: cssupport@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
5	**The Coal Authority - Mining Report Service** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: thecoalauthority@coal.gov.uk
6	**Barnsley Metropolitan Borough Council - Planning Department** Central Offices, Kendray Street, Barnsley, South Yorkshire, S70 2TN	Telephone: 01226 770770 Fax: 01226 772599 Website: www.barnsley.gov.uk
7	**Natural England** Northminster House, Northminster Road, Peterborough, Cambridgeshire, PE1 1UA	Telephone: 0845 600 3078 Fax: 01733 455103 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
8	**Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)** Government Buildings, Otley Road, Lawnswood, Leeds, West Yorkshire, LS16 5QT	Telephone: 0113 2613333 Fax: 0113 230 0879
-	**Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@hpa.org.uk Website: www.hpa.org.uk
-	**Landmark Information Group Limited** The Smith Centre, Henley On Thames, Oxfordshire, RG9 6AB	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / SEPA have a charging policy in place for enquiries.

Appendix D

Coal Authority Report

The COAL AUTHORITY

Issued by:
The Coal Authority, Property Search Services, 200 Lichfield Lane, Berry Hill, Mansfield, Nottinghamshire, NG18 4RG
Website: www.groundstability.com Phone: 0845 762 6848 DX 716176 MANSFIELD 5

LANDMARK INFORMATION GROUP LIMITED
SOWTON INDUSTRIAL ESTATE
ABBEY COURT
UNIT 5/7 EAGLE WAY
EXETER
DEVON
EX2 7HY

Our reference:	**51000148940001**
Your reference:	**41547908**
Date of your enquiry:	**24 September 2012**
Date we received your enquiry:	**24 September 2012**
Date of issue:	**24 September 2012**

This report is for the property described in the address below and the attached plan.

Non-Residential Coal Authority Mining Report

SITE AT: PROPOSED ALDI STORE, BARNSLEY ROAD, CUDWORTH, BARNSLEY, SOUTH YORKSHIRE,

This report is based on and limited to the records held by, the Coal Authority, and the Cheshire Brine Subsidence Compensation Board's records, at the time we answer the search.

Coal mining	See comments below
Brine Compensation District	No

Information from the Coal Authority

Underground coal mining

Past

The property is in the likely zone of influence from workings in 7 seams of coal at 280m to 730m depth, and last worked in 1968.

Any ground movement from these coal workings should have stopped by now.

In addition the property is in an area where the Coal Authority believe there is coal at or close to the surface. This coal may have been worked at some time in the past.

Present

The property is not in the likely zone of influence of any present underground coal workings.

Future

The property is not in an area for which the Coal Authority is determining whether to grant a licence to remove coal using underground methods.

The property is not in an area for which a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area that is likely to be affected at the surface from any planned future workings.

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However, reserves of coal exist in the local area which could be worked at some time in the future.

No notice of the risk of the land being affected by subsidence has been given under section 46 of the Coal Mining Subsidence Act 1991.

Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

Records may be incomplete. Consequently, there may exist in the local area mine entries of which the Coal Authority has no knowledge.

Coal mining geology

The Authority is not aware of any evidence of damage arising due to geological faults or other lines of weakness that have been affected by coal mining.

Opencast coal mining

Past

The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

Present

The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

Future

The property is not within 800 metres of the boundary of an opencast site for which the Coal Authority is determining whether to grant a licence to remove coal by opencast methods.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

Coal mining subsidence

A damage notice or claim for alleged subsidence damage was made in November 1994 for CUDWORTH METHODIST CHURCH BARNSLEY ROAD CUDWORTH BARNSLEY SOUTH YORKSHIRE. However, the claim was rejected.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

There are a further 2 claim(s) within 50 metres of the property boundary that do not match the property address. These are shown on the attached plan.

The Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

If further subsidence damage claims information is required in addition to that provided in this report, the Authority need to manually search their records. For further advice on how to order this additional information visit www.groundstability.com or telephone 0845 7626 848.

Mine gas

There is no record of a mine gas emission requiring action by the Coal Authority within the boundary of the property.

Hazards related to coal mining

The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

Withdrawal of support

The property is in an area for which a notice of entitlement to withdraw support was published in 1952.

The property is not in an area for which a notice has been given under section 41 of the Coal Industry Act 1994, revoking the entitlement to withdraw support.

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Working facilities orders

The property is not in an area for which an Order has been made under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

Payments to owners of former copyhold land

The property is not in an area for which a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Comments on Coal Authority information

In view of the mining circumstances a prudent developer would seek appropriate technical advice before any works are undertaken.

Therefore if development proposals are being considered, technical advice relating to both the investigation of coal and former coal mines and their treatment should be obtained before beginning work on site. All proposals should apply good engineering practice developed for mining areas. No development should be undertaken that intersects, disturbs or interferes with any coal or mines of coal without the permission of the Coal Authority. Developers should be aware that the investigation of coal seams/former mines of coal may have the potential to generate and/or displace underground gases and these risks both under and adjacent to the development should be fully considered in developing any proposals. The need for effective measures to prevent gases entering into public properties either during investigation or after development also needs to be assessed and properly addressed. This is necessary due to the public safety implications of any development in these circumstances.

Information from the Cheshire Brine Subsidence Compensation Board

The property lies outside the Cheshire Brine Compensation District.

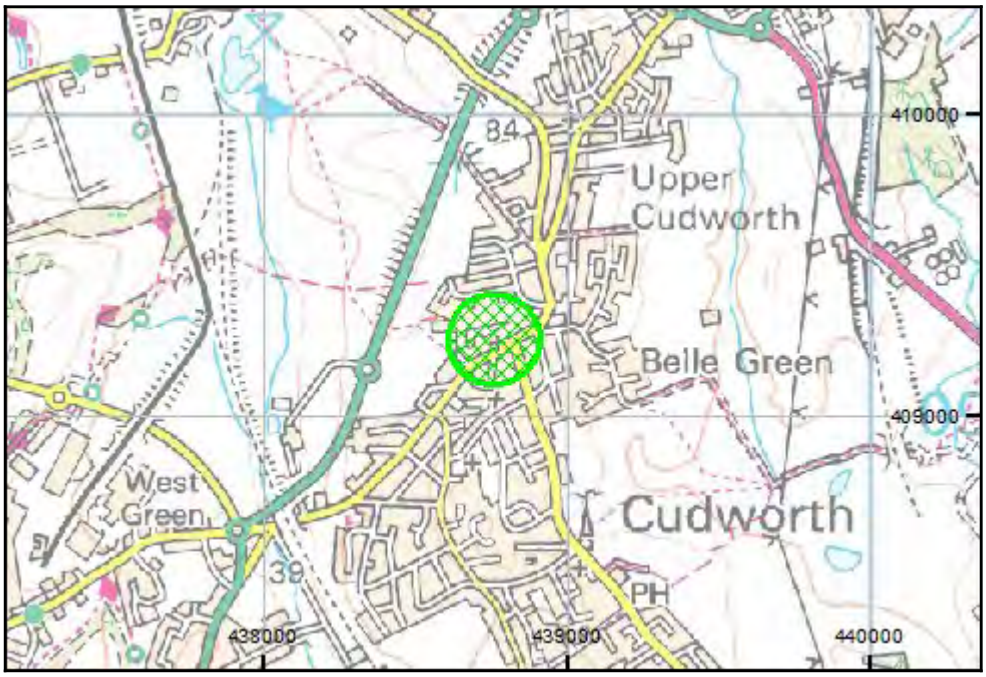
Additional Remarks

This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority and Cheshire Brine Board's Terms and Conditions 2006.

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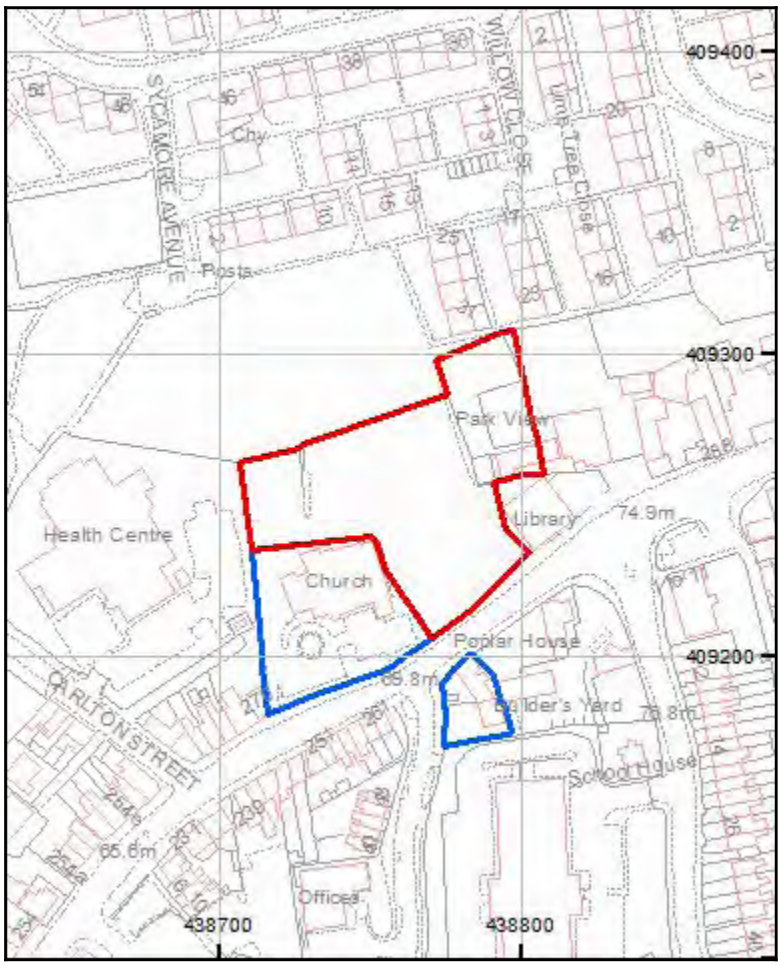
Location map

Approximate position of property



Enquiry boundary

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Key

Approximate position of enquiry boundary shown

Coal Claims

Mapping sourced from Ordnance Survey