

Envirocheck[®] Report: Mining and Ground Stability Datasheet

Order Details:

Order Number:

28756344_1_1

Customer Reference:

TT

National Grid Reference:

436090, 407140

Slice:

A

Site Area (Ha):

0.24

Search Buffer (m):

1000

Site Details:

66, Helston Crescent

Barnsley

S71 2BS

Client Details:

Mr T TELFORD

Landmark Staff WEB Logins

Landmark Property

The Smith Centre

Fairmile

Henley On Thames

Oxfordshire

RG9 6AB

Report Section and Details	Page Number
Summary	-
<p>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.</p> <p>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).</p>	
Mining and Natural Cavities Data	1
<p>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.</p> <p>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.</p>	
Historical Land Use Information (1:2,500)	7
<p>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.</p> <p>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.</p>	
Historical Land Use Information (1:10,000)	8
<p>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.</p> <p>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.</p>	
Ground Stability Data (1:50,000)	12
<p>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.</p>	
Motion Map Data (1:2,500)	14
<p>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.</p>	
Historical Map List	15
<p>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.</p>	
Data Currency	16
Data Suppliers	17
Useful Contacts	18

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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		2	1	9
Coal Mining Affected Areas	pg 3	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 3	Yes	n/a	n/a	n/a
Natural Cavities					
Shallow Mining Hazards	pg 6	Yes		n/a	n/a
Potential Mining Areas	pg 3	6	4	15	7
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 7	1		n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 7	2	1	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
Air Shafts					
Disturbed Ground					
General Quarrying	pg 8		3		11
Heap, unknown constituents	pg 8		1		5
Mineral Railway					
Mining & quarrying general	pg 8			1	
Mining of coal & lignite	pg 9			1	4
Quarrying of sand & clay, operation of sand & gravel pits	pg 9				1
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 9		3	2	12
Potentially Infilled Land (Water)	pg 10			3	24

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				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 12	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Salt Mining Related Features					
Subsidence Insurance Claims				n/a	n/a
Subsidence Investigations	pg 13		1	n/a	n/a
Motion Map Data (1:2,500)					
Motion Map (100m)	pg 14		1	n/a	n/a

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Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Shep Gate Location: Monk Bretton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37840 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	132	1	436246 407201
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Shep Cote Gate Location: Monk Bretton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37836 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A13NE (N)	181	1	436153 407334
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Old Shep Cote Gate Location: Smithies, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37837 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	495	1	435589 407300
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mottram Wood Colliery Location: Old Mill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37842 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12NE (W)	619	1	435443 407176
5	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Burton Bank Location: Smithies, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37835 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17SE (NW)	624	1	435539 407495
6	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Monk Bretton Location: Monk Bretton, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37841 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A18SW (N)	644	1	435923 407784

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
7	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Hoyle Mill Location: Hoyle Mill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 10188 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	696	1	436180 406425
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Barnsley Main Colliery Location: Hoyle Hill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 182 Type: Underground Status: Ceased Operator: British Coal - N Yorkshire Group Operator Location: Po Box 13, Allerton Bywater, Castleford, West Yorkshire, Wf10 2al Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	799	1	436405 406375
9	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Eaming Wood Location: Old Mill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37860 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A7NW (SW)	845	1	435298 406768
10	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Mount Osborne Colliery Location: Old Mill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37838 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m</p>	A12SW (W)	934	1	435157 406916
11	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Burton Bank Location: Smithies, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 16756 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Woolley Edge Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A17NW (NW)	971	1	435355 407820
12	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Oaks Location: Hoyle Mill, Barnsley, South Yorkshire Source: British Geological Survey, National Geoscience Information Service Reference: 37864 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Oaks Rock Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	991	1	436358 406160

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
	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.	(SW)	0	2	425000 397000
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	(SE)	0	3	440000 404500
13	Potential Mining Areas Name: Mount Osborne and Gawber Ceased Operation: 1884 Commodity: Coal; Barnsley Reference: 1659 Alternate Name/Mine: Agnes Alternate Name/Mine: Nos. 2, 3 Alternate Name/Mine: Rosa Custodian: Not Supplied	A14NW (E)	0	4	436465 407142
14	Potential Mining Areas Name: Oaks Ceased Operation: 1866 Commodity: Coal; Barnsley Thick Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: C. Adams, Engineer's Office, L.M. and S. Railway Co., Derby.	A13NW (W)	0	4	436063 407137
15	Potential Mining Areas Name: Oaks and Oaks New Ceased Operation: 1909 Commodity: Coal; Barnsley Thick; Melton Field Reference: 5505 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (W)	0	4	436063 407137
16	Potential Mining Areas Name: Oaks Old Ceased Operation: 1886 Commodity: Coal; Abdy; Barnsley Reference: 1934; R2591 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (W)	0	4	436063 407137
17	Potential Mining Areas Name: Mottram Wood Ceased Operation: 1932 Commodity: Coal; Melton Field Reference: 10691 Alternate Name/Mine: No. 3 Custodian: Not Supplied	A13NW (W)	0	4	436063 407137
18	Potential Mining Areas Name: Mottram Wood Ceased Operation: 1934 Commodity: Coal; Two Foot or Summer Reference: 11263 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (W)	0	4	436063 407137
19	Potential Mining Areas Name: Barnsley Main Ceased Operation: 1909 Commodity: Coal; Abdy; Lidgett Reference: 5396 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SE (S)	84	4	436094 407029
20	Potential Mining Areas Name: Rylands Main Ceased Operation: 1898 Commodity: Coal; Abdy Reference: 3787 Alternate Name/Mine: Oaks Old Custodian: Not Supplied	A13SE (S)	84	4	436094 407029
21	Potential Mining Areas Name: Oaks Ceased Operation: 1882 Commodity: Coal; Barnsley Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Stella Coal Co. Ltd., Hedgefield, Blaydon, Durham.	A13SE (S)	84	4	436094 407029

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
22	Potential Mining Areas Name: Oakwell and Queens Ceased Operation: 1894 Commodity: Coal; Melton Field Reference: 4195 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SW (S)	84	4	436064 407029
23	Potential Mining Areas Name: Central Silkstone Ceased Operation: Not Supplied Commodity: Coal; Beamshaw; Winter Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: A. Clegg, Solicitor, Regent Street, Barnsley.	A13NW (N)	271	4	436089 407431
24	Potential Mining Areas Name: Barnsley East Ceased Operation: 1922 Commodity: Coal; Top Beamshaw; Winter Reference: 7396 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (N)	271	4	436089 407431
25	Potential Mining Areas Name: Winter Ceased Operation: 1898 Commodity: Coal; Winter; Two Foot Reference: 3743 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13NW (N)	273	4	436059 407431
26	Potential Mining Areas Name: Barnsley Main Ceased Operation: 1901 Commodity: Coal; Lidgett Reference: 4213 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A14SW (E)	354	4	436467 407034
27	Potential Mining Areas Name: Borough Ceased Operation: 1921 Commodity: Coal; Two Foot; Melton Field Reference: 7582 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SE (W)	417	4	435662 407023
28	Potential Mining Areas Name: Mottram Wood Ceased Operation: 1920 Commodity: Coal; Winter Reference: 7113 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SE (W)	417	4	435662 407023
29	Potential Mining Areas Name: Mottram Wood Ceased Operation: 1914 Commodity: Coal; Two Foot Reference: 7115 Alternate Name/Mine: No. 2 Custodian: Not Supplied	A12SE (W)	417	4	435662 407023
30	Potential Mining Areas Name: Boro Ceased Operation: 1935 Commodity: Coal; Two Foot or Summer Reference: 11513 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SE (W)	417	4	435662 407023
31	Potential Mining Areas Name: Ardsley Main Ceased Operation: 1854 Commodity: Coal; Barnsley Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Whittaker and Bradburn, King Edward Street, Macclesfield.	A8NE (S)	486	4	436099 406627

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
32	Potential Mining Areas Name: Barnsley Main Ceased Operation: 1901 Commodity: Coal; Kents Thick Reference: 4203 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	486	4	436099 406627
33	Potential Mining Areas Name: Rylands Main Ceased Operation: 1894 Commodity: Coal; Melton Field Reference: 3202 Alternate Name/Mine: Nos. 1, 2 Custodian: Not Supplied	A8NE (S)	486	4	436099 406627
34	Potential Mining Areas Name: Barnsley Main Ceased Operation: 1933 Commodity: Coal; Two Feet Reference: 11031 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	486	4	436099 406627
35	Potential Mining Areas Name: Smithies Main or Wallsend Main Ceased Operation: 1895 Commodity: Coal; Winter; Top Feet Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Childe and Rowand, 59 Westgate, Wakefield.	A12NE (NW)	487	4	435657 407426
36	Potential Mining Areas Name: Monk Bretton Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12NE (NW)	487	4	435657 407426
37	Potential Mining Areas Name: Wallsend Main Ceased Operation: 1918 Commodity: Coal; Winter; Top Beamshaw; Two Foot Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: G.J. Kell and Sons, 1 and 3 Eastgate, Barnsley.	A12NE (NW)	487	4	435657 407426
38	Potential Mining Areas Name: Gawber East Ceased Operation: 1901 Commodity: Coal; Barnsley Reference: 180A Alternate Name/Mine: Wharnccliffe Carlton Custodian: Not Supplied	A18NW (N)	673	4	436084 407833
39	Potential Mining Areas Name: Gawber Ceased Operation: Not Supplied Commodity: Coal; Barnsley Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: A. Mellor, Regent Gardens, Barnsley.	A12SW (W)	804	4	435259 407126
40	Potential Mining Areas Name: Gawber Hall New Ceased Operation: 1877 Commodity: Coal; Seam unnamed Reference: 1019A Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SW (W)	804	4	435259 407126
41	Potential Mining Areas Name: Borough Ceased Operation: 1919 Commodity: Coal; Melton Field Reference: 7082 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A12SW (W)	814	4	435260 407018

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
42	Potential Mining Areas Name: Honeywell Ceased Operation: 1860 Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Whittaker and Bradburn, King Edward Street, Macclesfield.	A12SW (W)	814	4	435260 407018
43	Potential Mining Areas Name: Barnsley (District) Ceased Operation: 1841 Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: Whittaker and Bradburn, King Edward Street, Macclesfield.	A7NW (SW)	945	4	435265 406616
44	Potential Mining Areas Name: Barnsley Ceased Operation: 1886 Commodity: Coal; Two Feet or Half Yard Reference: 1940 Alternate Name/Mine: Mount Osborne Custodian: Not Supplied	A7NW (SW)	945	4	435265 406616
	Shallow Mining Hazards Risk: Low-Moderate Source: British Geological Survey, National Geoscience Information Service	A8NW (SW)	0	1	435911 406759

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
45	Extractive Industries or Potential Excavations from 1893-1915 Use: Welbeck Sewage Works (Monk Bretton U.D. Council) First Map Published 1906 Date: Last Map Published Not Applicable Date:	A13SE (S)	0	-	436094 407128
46	Extractive Industries or Potential Excavations from 1906-1937 Use: Filter Beds First Map Published 1931 Date: Last Map Published Not Applicable Date:	A13SE (S)	0	-	436096 407121
47	Extractive Industries or Potential Excavations from 1906-1937 Use: Welbeck Sewage Works (Barnsley Corporation) First Map Published 1931 Date: Last Map Published Not Applicable Date:	A13SE (S)	0	-	436094 407129
48	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1931 Date: Last Map Published Not Applicable Date:	A13NE (E)	44	-	436168 407149

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
49	General Quarrying Use: Not Supplied Date of Mapping: 1855	A13NE (NE)	106	-	436216 407203
49	General Quarrying Use: Not Supplied Date of Mapping: 1894	A13NE (NE)	148	-	436255 407221
50	General Quarrying Use: Not Supplied Date of Mapping: 1855	A13NE (N)	186	-	436156 407338
51	General Quarrying Use: Not Supplied Date of Mapping: 1855	A12NE (W)	514	-	435567 407292
52	General Quarrying Use: Not Supplied Date of Mapping: 1855	A17SE (NW)	618	-	435532 407474
53	General Quarrying Use: Not Supplied Date of Mapping: 1855 - 1894	A8NE (S)	647	-	436221 406483
54	General Quarrying Use: Not Supplied Date of Mapping: 1894	A18SW (N)	656	-	435936 407799
55	General Quarrying Use: Not Supplied Date of Mapping: 1855 - 1955	A17SE (NW)	773	-	435443 407618
56	General Quarrying Use: Not Supplied Date of Mapping: 1855 - 1894	A12SW (SW)	824	-	435306 406802
57	General Quarrying Use: Not Supplied Date of Mapping: 1894 - 1907	A8SE (S)	834	-	436420 406343
58	General Quarrying Use: Not Supplied Date of Mapping: 1855	A9NE (SE)	835	-	436814 406653
59	General Quarrying Use: Not Supplied Date of Mapping: 1855	A8SE (S)	949	-	436326 406195
60	General Quarrying Use: Not Supplied Date of Mapping: 1955	A8SW (S)	954	-	435828 406190
61	General Quarrying Use: Not Supplied Date of Mapping: 1855	A9SW (S)	998	-	436461 406184
62	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1938	A13NE (E)	83	-	436206 407155
63	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1955 - 1993	A12NE (W)	527	-	435535 407156
64	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1938	A8NW (S)	575	-	436001 406541
65	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1938 - 1955	A8NE (S)	670	-	436253 406465
66	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1938	A12SW (W)	746	-	435345 406933
67	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1894	A12SW (W)	895	-	435188 406956
68	Mining & quarrying general Use: Not Supplied Date of Mapping: 1907	A13SW (SW)	366	-	435786 406880

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
69	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1938	A12SE (W)	416	-	435667 407011
70	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1855 - 1993	A8NE (S)	622	-	436201 406505
71	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1894 - 1955	A14NE (E)	811	-	436894 407403
72	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1894 - 1955	A9SW (SE)	816	-	436533 406416
73	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1855	A12SW (W)	877	-	435200 406996
74	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1938	A18NW (N)	723	-	435941 407868
75	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NE (NE)	106	-	436216 407203
76	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NE (NE)	148	-	436255 407221
77	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13NE (N)	186	-	436156 407338
78	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A13SW (SW)	366	-	435786 406880
79	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SE (W)	416	-	435667 407011
80	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12NE (W)	514	-	435567 407292
81	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A17SE (NW)	618	-	435532 407474
82	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NE (S)	647	-	436221 406483
83	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18SW (N)	656	-	435936 407799
84	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SE (S)	679	-	436271 406459
85	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A18NW (N)	723	-	435941 407868
86	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A14NE (E)	811	-	436894 407403
87	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9SW (SE)	816	-	436533 406416
88	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SW (SW)	824	-	435306 406802
89	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A9NE (SE)	835	-	436814 406653

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
90	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A12SW (W)	877	-	435200 406996
91	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8SW (S)	954	-	435828 406190
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (N)	337	-	435962 407477
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (S)	386	-	436204 406745
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (NW)	392	-	435926 407523
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1907	A12SE (W)	537	-	435526 407119
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12NE (W)	563	-	435502 407208
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A8NE (S)	569	-	436101 406544
98	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	616	-	436527 407618
99	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A9NW (SE)	637	-	436474 406590
100	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12NE (W)	643	-	435427 407255
101	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A18SW (N)	654	-	435876 407781
102	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	734	-	436519 407771
103	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A9NW (SE)	736	-	436575 406541
104	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	752	-	436511 407797
105	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SW (W)	760	-	435320 406990
106	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A7SE (SW)	780	-	435754 406399
107	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A9NW (SE)	830	-	436720 406545
108	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	837	-	436648 407805
109	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A14SE (E)	846	-	436966 407049
110	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A7SE (SW)	857	-	435688 406345

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
111	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A7SE (SW)	873	-	435704 406319
112	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9NW (SE)	880	-	436762 406517
113	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (N)	894	-	435861 408026
114	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A18NW (N)	905	-	435910 408047
115	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A7SE (S)	921	-	435744 406251
116	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A11NE (W)	987	-	435075 407191
117	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1855	A7SE (SW)	989	-	435594 406245
118	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A9SE (SE)	995	-	436851 406444

Map ID	Details	Quadrant Reference (Compass)	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.				
	Potential for Collapsible Ground Stability Hazards No Hazard				
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	436093 406775
	Potential for Ground Dissolution Stability Hazards No Hazard				
119	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	436093 407125
120	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	436093 407125
121	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	35	1	436025 407125
122	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	46	1	436125 407200
123	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	64	1	436100 407225
124	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	70	1	436175 407200
125	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	76	1	436200 407137
126	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	100	1	436150 407250
127	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	101	1	436225 407137
128	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	160	1	436250 407025
129	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	211	1	436275 406975
130	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	247	1	436300 406950
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NW (S)	0	1	436093 406775
131	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	0	1	436025 407125
132	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	70	1	436175 407200
133	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	76	1	436200 407137
134	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	100	1	436150 407250

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
135	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	193	1	436025 406925
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	35	1	436150 407175
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	42	1	436025 407125
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	58	1	436025 407200
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	114	1	436000 407250
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	169	1	435975 407300
	Subsidence Investigations Site Investigation 18th March 2008 Date: Root Survey: No CCTV Drain Survey: No Depth of Foundation Not Supplied Footing: Soil Classification: Not Supplied Data Provider: CET Group			-	

Map ID	Details	Quadrant Reference (Compass)	Estimated Distance From Site	Contact	NGR
136	Motion Map Average Velocity 11.4 Gradient (mmyear):	A13NW (NW)	77	-	435994 407192

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







1:2,500	Mapsheet	Published Date
Yorkshire	274_08	1892
Yorkshire	274_08	1906
Yorkshire	274_08	1931
Ordnance Survey Plan	SE3507	1962

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

1:10,560	Mapsheet	Published Date
Yorkshire	275_00	1854
Yorkshire	274_00	1855
Yorkshire	274_NE	1894
Yorkshire	274_SE	1894
Yorkshire	275_NW	1894
Yorkshire	275_SW	1894
Yorkshire	275_NW	1906
Yorkshire	274_NE	1907
Yorkshire	274_SE	1907
Yorkshire	275_SW	1907
Yorkshire	274_NE	1938
Yorkshire	274_SE	1938
Yorkshire	275_NW	1938
Yorkshire	275_SW	1938
Ordnance Survey Plan	SE30NE	1955
Ordnance Survey Plan	SE30NW	1956
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SE30NE	1993
Ordnance Survey Plan	SE30NW	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2009	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Man Made Mining Cavities Peter Brett Associates	April 2009	Variable
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	April 2009	Variable
Shallow Mining Hazards British Geological Survey - National Geoscience Information Service	August 2002	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	August 2009	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2009	Annually
Subsidence Insurance Claims SP Property Services	August 2009	Quarterly
Subsidence Investigations CET Group	August 2009	Quarterly
Brine Subsidence Solution Area Johnson Poole and Bloomer Ltd (JPB)	October 2008	As notified
Motion Map Data (1:2,500)	Version	Update Cycle
Motion Map Nigel Press Associates - Sheffield	May 2009	As notified

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	 British Geological Survey <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
The Coal Authority	THE COAL AUTHORITY
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	 Wardell Armstrong <small>Engineering & Environmental Solutions</small>
JPB Brine	

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