

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

294147081_1_1

Customer Reference:

Techemet

National Grid Reference:

421990, 300610

Slice:

A

Site Area (Ha):

0.78

Search Buffer (m):

1000

Site Details:

Techemet Ltd, 1

Vanguard

Wilnecote

TAMWORTH

B77 5DY

Client Details:

Mr D Grantham

Environmental Management Consultants Ltd

The Terrace

Lincoln

Lincolnshire

LN2 1BD

Prepared For:

Techemet Ltd

1 Vanguard, Ninian Way

Tamworth, Staffordshire

B77 5DY

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)	10
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)	12
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)	14
The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.	
Historical Map List	16
The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.	
Data Currency	17
Data Suppliers	18
Useful Contacts	19

Copyright Notice

© Landmark Information Group Limited 2022. The Copyright on the information and data and its format as contained in this Envirocheck® Report ("Report") is the property of Landmark Information Group Limited ("Landmark") and several other Data Providers, including (but not limited to) Ordnance Survey, British Geological Survey, and the Environment Agency/Natural Resources Wales, and must not be reproduced in whole or in part by photocopying or any other method. The Report is supplied under Landmark's Terms and Conditions accepted by the Customer. A copy of Landmark's Terms and Conditions can be found with the Index Map for this report. Additional copies of the Report may be obtained from Landmark, subject to Landmark's charges in force from time to time. The Copyright, design rights and any other intellectual rights shall remain the exclusive property of Landmark and /or other Data providers, whose Copyright material has been included in this Report.

© Copyright Stantec UK Limited. All rights reserved.

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

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

Report Version v53.0

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		4	4	19
Coal Mining Affected Areas	pg 5	Yes	n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 5	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 5	Yes	Yes	n/a	n/a
Potential Mining Areas	pg 5	5	2	10	11
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 10	1	3	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 10		2	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 10	1	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 10		5	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 12				3
Heap, unknown constituents	pg 12		2	1	
Mineral Railway	pg 12	1			2
Mining & quarrying general	pg 12				3
Mining of coal & lignite	pg 12		1	1	1
Quarrying of sand & clay, operation of sand & gravel pits	pg 12			2	
Former Marshes	pg 12				1
Potentially Infilled Land (Non-Water)	pg 12		2	2	6
Potentially Infilled Land (Water)	pg 13		1	3	3
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 14	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 14	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	BGS Recorded Mineral Sites Site Name: Tame Valley Colliery Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 182212 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (E)	99	1	422130 300563
1	BGS Recorded Mineral Sites Site Name: Tame Valley Colliery Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19972 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13SE (E)	123	1	422153 300557
2	BGS Recorded Mineral Sites Site Name: Valley Colliery Brick Pits Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19970 Type: Opencast Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	117	1	422075 300465
3	BGS Recorded Mineral Sites Site Name: Valley Colliery Brick Pits Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19969 Type: Opencast Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (S)	197	1	422050 300375
4	BGS Recorded Mineral Sites Site Name: Tame Valley Colliery Brick & Tile Works Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19971 Type: Opencast Status: Ceased Operator: Sgb (Dudley) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (E)	269	1	422300 300530
5	BGS Recorded Mineral Sites Site Name: Redbank Clay Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 4137 Type: Opencast Status: Ceased Operator: Redbank Manufacturing Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation (Etruria Marl) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A13SE (SE)	323	1	422215 300310

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	BGS Recorded Mineral Sites Site Name: Hockley Location: Tamworth, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 65811 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14SW (SE)	456	1	422381 300287
7	BGS Recorded Mineral Sites Site Name: Hockley Road Clay Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19968 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A14NW (NE)	480	1	422480 300840
8	BGS Recorded Mineral Sites Site Name: Saltwater Pit Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19989 Type: Opencast Status: Ceased Operator: Averill Brick Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NE (S)	521	1	422130 300060
9	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19990 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A8NW (S)	524	1	421925 300045
9	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19990 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	524	1	421925 300045
10	BGS Recorded Mineral Sites Site Name: Averill'S Brickworks Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19993 Type: Opencast Status: Ceased Operator: Averill Brick Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8NW (S)	620	1	421760 299975

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	BGS Recorded Mineral Sites Site Name: Hockleyhall Colliery No 1 Pit Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19979 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8NW (S)	637	1	421750 299960
11	BGS Recorded Mineral Sites Site Name: Wilnecote Quarry Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 4146 Type: Opencast Status: Active Operator: Forterra Building Products Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation (Etruria Marl) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 100m	A8SE (S)	693	1	422200 299900
12	BGS Recorded Mineral Sites Site Name: Hockleyhall Colliery No 4 Pit Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19980 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A8SW (S)	761	1	421880 299810
13	BGS Recorded Mineral Sites Site Name: Wilnecote Colliery, Chapel Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19962 Type: Underground Status: Ceased Operator: Doulton & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Seven Feet Coal (Warwickshire) Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A18NE (N)	799	1	422260 301410
13	BGS Recorded Mineral Sites Site Name: Wilnecote Colliery, Chapel Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19962 Type: Underground Status: Ceased Operator: Doulton & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Seven Feet Coal (Warwickshire) Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NE (N)	799	1	422260 301410
14	BGS Recorded Mineral Sites Site Name: Wilnecote Clay Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19965 Type: Opencast Status: Ceased Operator: Doulton & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	889	1	422510 301395

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
15	BGS Recorded Mineral Sites Site Name: Hillside Clay Pit Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19988 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Middle Coal Measures Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SW (S)	900	1	421705 299700
16	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19991 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A8SE (S)	900	1	422025 299670
16	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19991 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	900	1	422025 299670
17	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19992 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	1	422135 299655
17	BGS Recorded Mineral Sites Site Name: Hockley Location: Dosthill, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19992 Type: Opencast Status: Ceased Operator: Stoneware (1928) Ltd Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Etruria Formation Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A8SE (S)	922	1	422135 299655
18	BGS Recorded Mineral Sites Site Name: Peel Colliery Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 182196 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Fireclay Positional Accuracy: Located by supplier to within 10m	A18NW (N)	946	1	421884 301588

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	BGS Recorded Mineral Sites Site Name: Peel Colliery Pit Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 182196 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A18NW (N)	946	1	421884 301588
18	BGS Recorded Mineral Sites Site Name: Wilnecote Colliery, Peel Shaft No. 1 Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 19963 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A23SW (N)	993	1	421892 301636
19	BGS Recorded Mineral Sites Site Name: Peel Colliery Ironstone Shaft Location: Wilnecote, Tamworth, Staffordshire Source: British Geological Survey, National Geoscience Information Service Reference: 182208 Type: Underground Status: Ceased Operator: George Skey & Co., Ltd. Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pennine Coal Measures Group Commodity: Iron Ore - Ironstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	982	1	422257 301600
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13NW (N)	0	2	421986 300609
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NW (N)	0	3	421986 300609
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	38	1	422061 300558
20	Potential Mining Areas Name: Hockley Hall Ceased Operation: 1902 Commodity: Coal; Bench; Seven Feet Reference: 4660 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SW (S)	0	4	421986 300589
21	Potential Mining Areas Name: Tame Valley Ceased Operation: 1885 Commodity: Coal; Smithy; Ironstone; White Reference: 1724 Alternate Name/Mine: Not Supplied Custodian: Not Supplied	A13SW (S)	0	4	421986 300589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Potential Mining Areas Name: Tame Valley Ceased Operation: 1903 Commodity: Coal; Double Reference: 4383 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A13NW (N)	0	4	421986 300609
23	Potential Mining Areas Name: Tame Valley Ceased Operation: 1884 Commodity: Coal; Bench; Seven Feet; Four Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: C.A. Clarke, Tipton, Staffs.	A13NW (N)	0	4	421986 300609
24	Potential Mining Areas Name: Tame Valley Ceased Operation: 1928 Commodity: Coal; Four Feet; Seven Feet; Double; Fireclay; White Reference: 9697 Alternate: Corner Name/Mine: Custodian: Not Supplied	A13NW (N)	0	4	421986 300609
25	Potential Mining Areas Name: Peel Ceased Operation: 1879 Commodity: Coal; Seven Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Coke, Turner and Co., 26 Low Pavement, Nottingham.	A13NE (E)	137	4	422182 300611
26	Potential Mining Areas Name: Wilnecote Ceased Operation: 1885 Commodity: Coal; Seven Feet Reference: 1715 Alternate: Chapel Name/Mine: Alternate: No. 7 Name/Mine: Custodian: Not Supplied	A13NE (E)	137	4	422182 300611
27	Potential Mining Areas Name: Peel Ceased Operation: 1909 Commodity: Coal; Bench; Double; Fireclay; Shale Reference: 5443 Alternate: Chapel Name/Mine: Alternate: Corner Name/Mine: Alternate: No. 4 Name/Mine: Custodian: Not Supplied	A18SW (N)	346	4	421982 300991
28	Potential Mining Areas Name: Wilnecote Ceased Operation: 1887 Commodity: Coal; Bench Reference: 2220 Alternate: Nos. 1, 2, 3 Name/Mine: Custodian: Not Supplied	A18SW (N)	346	4	421982 300991
29	Potential Mining Areas Name: Wilnecote Ceased Operation: 1885 Commodity: Ironstone; Black Reference: 1714 Alternate: Chapel No. 7 Name/Mine: Alternate: Corner Name/Mine: Alternate: No. 1 Name/Mine: Alternate: No. 3 Name/Mine: Custodian: Not Supplied	A18SE (NE)	378	4	422178 300993

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Potential Mining Areas Name: Wilnecote Ceased Operation: 1892 Commodity: Coal; Seven Feet Reference: 1102 Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Not Supplied	A18SE (NE)	378	4	422178 300993
31	Potential Mining Areas Name: Wilnecote Ceased Operation: Not Supplied Commodity: Coal; Seven Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Not Supplied Custodian: W. Fenn, Polesworth, Tamworth.	A18SE (NE)	378	4	422178 300993
32	Potential Mining Areas Name: Hockley Hall Ceased Operation: 1891 Commodity: Ironstone; White Reference: 2552 Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	383	4	421991 300187
33	Potential Mining Areas Name: Hockley Hall Ceased Operation: 1882 Commodity: Coal; Four Feet Reference: 1388 Alternate: Nos. 2, 3, 4 Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	383	4	421991 300187
34	Potential Mining Areas Name: Hockley Hall Ceased Operation: 1892 Commodity: Coal; Bench Reference: 2722 Alternate: No. 4 Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	383	4	421991 300187
35	Potential Mining Areas Name: Hockley Hall and Whateley Ceased Operation: Not Supplied Commodity: Coal; Four Feet Reference: Not Supplied Alternate: Not Supplied Name/Mine: Not Supplied Custodian: J. and P. Higson, Crown Buildings, 18 Booth Street, Manchester.	A8NE (S)	383	4	421991 300187
36	Potential Mining Areas Name: Whateley Ceased Operation: 1914 Commodity: Coal; Four Feet Reference: 6179 Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Not Supplied	A8NE (S)	383	4	421991 300187
37	Potential Mining Areas Name: Beauchamp Ceased Operation: 1928 Commodity: Coal; Four Feet (Ryder) Reference: 9696 Alternate: Not Supplied Name/Mine: Not Supplied Custodian: Not Supplied	A18NW (N)	748	4	421977 301393
38	Potential Mining Areas Name: Beauchamp Ceased Operation: 1934 Commodity: Coal; Double; Bench; Clay; White; Hard Reference: 11440 Alternate: Corner Name/Mine: Not Supplied Custodian: Not Supplied	A18NW (N)	748	4	421977 301393

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Potential Mining Areas Name: Peel Ceased Operation: 1882 Commodity: Ironstone; Black Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Coke, Turner and Co., 26 Low Pavement, Nottingham.	A18NW (N)	748	4	421977 301393
40	Potential Mining Areas Name: Peel Ceased Operation: 1865 Commodity: Coal; Deep Reference: Not Supplied Alternate: No. 2 Name/Mine: Custodian: Engineer's Office, L.M. and S. Railway Company, Derby.	A18NW (N)	748	4	421977 301393
41	Potential Mining Areas Name: Kettlebrook Ceased Operation: 1867 Commodity: Coal; Seam unnamed Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: C. Adams, Engineer's Office, L.M. and S. Railway Co., Derby.	A18NE (N)	764	4	422173 301395
42	Potential Mining Areas Name: Wilnecote and Castle Liberty Ceased Operation: Not Supplied Commodity: Coal Reference: Not Supplied Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A18NE (N)	764	4	422173 301395
43	Potential Mining Areas Name: Wilnecote (District) Ceased Operation: 1842 Commodity: Coal; Seam unnamed Reference: R332D Alternate: Baker's Name/Mine: Alternate: Jones Name/Mine: Alternate: New Name/Mine: Alternate: Wheatcroft's Name/Mine: Custodian: Not Supplied	A18NE (N)	764	4	422173 301395
44	Potential Mining Areas Name: Dost Hill Ceased Operation: 1888 Commodity: Coal; Ryder or Four Feet Reference: 2196 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A8SE (S)	785	4	421995 299784
45	Potential Mining Areas Name: Dost Hill Ceased Operation: 1885 Commodity: Ironstone Reference: 1771 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A8SE (S)	785	4	421995 299784
46	Potential Mining Areas Name: Dost Hill Ceased Operation: 1886 Commodity: Coal; Seven Feet Reference: 1914 Alternate: Not Supplied Name/Mine: Custodian: Not Supplied	A8SE (S)	785	4	421995 299784

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	Potential Mining Areas Name: Watling Street Ceased Operation: Not Supplied Commodity: Coal; Probably Four Feet Reference: Not Supplied Alternate Name/Mine: Not Supplied Custodian: D.E. Parry, Croxdene, Bloxwich.	A19NW (NE)	929	4	422576 301400

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	Extractive Industries or Potential Excavations from 1855-1909 Use: Valley Colliery First Map Published 1884 Date: Last Map Published 1884 Date:	A13SE (E)	0	-	422016 300598
49	Extractive Industries or Potential Excavations from 1855-1909 Use: Unspecified Deposited Material First Map Published 1884 Date: Last Map Published 1884 Date:	A13NE (E)	21	-	422064 300607
50	Extractive Industries or Potential Excavations from 1855-1909 Use: Air Shaft First Map Published 1884 Date: Last Map Published Not Applicable Date:	A13SE (SE)	44	-	422044 300530
51	Extractive Industries or Potential Excavations from 1855-1909 Use: Railway Embankment First Map Published 1884 Date: Last Map Published 1884 Date:	A13SW (W)	62	-	421874 300605
52	Extractive Industries or Potential Excavations from 1893-1915 Use: Valley Colliery First Map Published 1902 Date: Last Map Published 1903 Date:	A13SE (E)	0	-	422011 300600
53	Extractive Industries or Potential Excavations from 1893-1915 Use: Unspecified Deposited Material First Map Published 1902 Date: Last Map Published 1903 Date:	A13NE (E)	27	-	422072 300615
54	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1902 Date: Last Map Published 1903 Date:	A13SW (W)	61	-	421876 300601
55	Extractive Industries or Potential Excavations from 1906-1937 Use: Tame Valley Colliery First Map Published 1923 Date: Last Map Published 1923 Date:	A13SE (S)	0	-	421996 300583
56	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1923 Date: Last Map Published 1923 Date:	A13NE (E)	23	-	422067 300609
57	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1923 Date: Last Map Published 1923 Date:	A13SW (W)	59	-	421876 300601
58	Extractive Industries or Potential Excavations from 1950-1980 Use: Sludge Bed First Map Published 1957 Date: Last Map Published N/A Date:	A13SE (E)	23	-	422058 300589

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
59	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1957 Date: Last Map Published N/A Date:	A13NE (E)	23	-	422067 300610
60	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Embankment First Map Published 1956 Date: Last Map Published N/A Date:	A13SW (W)	59	-	421876 300601
61	Extractive Industries or Potential Excavations from 1950-1980 Use: Unspecified Deposited Material First Map Published 1957 Date: Last Map Published N/A Date:	A13SE (SE)	62	-	422074 300534
62	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1957 Date: Last Map Published N/A Date:	A13SE (SE)	93	-	422060 300484

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
63	General Quarrying Use: Not Supplied Date of Mapping: 1955	A18NE (N)	823	-	422018 301469
64	General Quarrying Use: Not Supplied Date of Mapping: 1955	A8SE (S)	873	-	422111 299701
65	General Quarrying Use: Not Supplied Date of Mapping: 1955	A8SW (S)	957	-	421664 299652
66	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1996	A13NE (E)	132	-	422170 300679
67	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1996	A13SE (S)	233	-	422081 300344
68	Heap, unknown constituents Use: Not Supplied Date of Mapping: 1996	A8NW (S)	449	-	421969 300121
69	Mineral Railway Use: Not Supplied Date of Mapping: 1889 - 1955	A13NW (NE)	0	-	421987 300611
70	Mineral Railway Use: Not Supplied Date of Mapping: 1901	A18NE (N)	788	-	422261 301398
71	Mineral Railway Use: Not Supplied Date of Mapping: 1903	A23SE (N)	995	-	422080 301639
72	Mining & quarrying general Use: Not Supplied Date of Mapping: 1924 - 1938	A18NE (N)	806	-	422267 301415
73	Mining & quarrying general Use: Not Supplied Date of Mapping: 1924	A19NW (NE)	862	-	422396 301426
74	Mining & quarrying general Use: Not Supplied Date of Mapping: 1889	A18NE (N)	978	-	422243 301599
75	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1889 - 1938	A13SE (SE)	15	-	422047 300582
76	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1889 - 1955	A8NW (S)	431	-	421939 300138
77	Mining of coal & lignite Use: Not Supplied Date of Mapping: 1889	A7SE (SW)	794	-	421648 299830
78	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1991	A8NE (S)	435	-	422029 300135
79	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1889	A14NW (E)	441	-	422454 300802
80	Former Marshes Use: Former Marsh Date of Mapping: 1955	A8NE (S)	527	-	422009 300043
81	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SE (E)	27	-	422059 300579
82	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SE (SE)	32	-	422028 300538
83	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NW (S)	431	-	421939 300138

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
84	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A14NW (E)	441	-	422454 300802
85	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A18NE (N)	768	-	422215 301390
86	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A7SE (SW)	794	-	421648 299830
87	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A18NE (N)	801	-	422043 301447
88	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A19NW (NE)	954	-	422518 301466
89	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8SW (S)	957	-	421664 299652
90	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A18NE (N)	978	-	422243 301599
91	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13NE (E)	199	-	422240 300676
92	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A13SW (S)	275	-	421861 300305
93	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A8NE (S)	332	-	422059 300240
94	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A12SE (W)	423	-	421534 300441
95	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	570	-	422453 301034
96	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1991	A8SW (S)	687	-	421819 299892
97	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1955	A19SW (NE)	734	-	422515 301200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
98	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	230	1	422052 300341
99	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	25	1	422053 300573
100	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	59	1	421877 300579
101	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	94	1	421842 300601
102	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	209	1	421925 300853
103	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	212	1	421794 300413
104	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	213	1	422230 300484
105	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	230	1	421705 300621
106	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	230	1	422052 300341
107	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	243	1	421716 300470
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	89	1	422073 300496
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
108	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
109	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	73	1	422023 300497
110	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	89	1	422073 300496
111	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	25	1	422053 300573
112	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	59	1	421877 300579

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
113	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	94	1	421842 300601
114	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	209	1	421925 300853
115	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	212	1	421794 300413
116	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	230	1	421705 300621
117	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	230	1	422052 300341
118	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	243	1	421716 300470
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	89	1	422073 300496
119	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	0	1	421986 300609
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	38	1	422061 300558
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	175	1	422132 300790

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

1:2,500	Mapsheet	Published Date
Warwickshire	005_07	1884
Staffordshire	065_03	1884
Warwickshire	005_07	1902
Staffordshire	065_03	1903
Staffordshire	065_03	1923
Staffordshire	065_07	1923
Staffordshire	065_03	1937
Ordnance Survey Plan	SK2100	1956
Ordnance Survey Plan	SK2200	1957

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

1:10,560	Mapsheet	Published Date
Warwickshire	005_NE	1889
Warwickshire	005_NE	1903
Staffordshire	065_NE	1903
Staffordshire	065_NE	1924
Warwickshire	005_NE	1938
Staffordshire	065_NE	1938
Ordnance Survey Plan	SK20SW	1955
Ordnance Survey Plan	SP29NW	1955
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SP29NW	1991
Ordnance Survey Plan	SK20SW	1996

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2021	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2021	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2021	Bi-Annually
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
Subterranean Features Landmark Information Group Limited	February 2020	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Brine Subsidence Solution Area Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

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

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