Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
31644367_1_1

Customer Reference:
16367

National Grid Reference:
404180, 394360

Slice:
A

Site Area (Ha):
0.58

Search Buffer (m):
1000

Site Details:

York Street
GLOSSOP
Derbyshire
SK13 8QW

Client Details:

MR I Wilson
RSK STATS Geoconsult Ltd
Spring Lodge
172 Chester Road
Helsby
Cheshire
WA6 0AR

Contents

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	2	4
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Shallow Mining Hazards				n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
Historical Land Use Information (1:10,000)					
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Mining & quarrying general					
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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				n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	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)				n/a	n/a

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**BGS Recorded Mineral Sites** Site Name: Glossop Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23155 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A13NE (NE)	226	1	404336 394594
2	**BGS Recorded Mineral Sites** Site Name: Glossop Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23151 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A12SE (SW)	391	1	403775 394186
3	**BGS Recorded Mineral Sites** Site Name: Glossop Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23152 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Millstone Grit Group Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	467	1	403876 393925
4	**BGS Recorded Mineral Sites** Site Name: Glossop Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23154 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	625	1	403914 393725
5	**BGS Recorded Mineral Sites** Site Name: Glossop Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23153 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A7NE (SW)	675	1	403648 393851
6	**BGS Recorded Mineral Sites** Site Name: Meadow Mills Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23156 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19NW (NE)	839	1	404629 395132

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**BGS Recorded Mineral Sites** Site Name: Meadow Mills Location: Glossop, Glossop, Derbyshire Source: British Geological Survey, National Geoscience Information Service Reference: 23157 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Kinderscout Grit Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A18NE (N)	840	1	404312 395241
	Coal Mining Affected Areas In an area which may not be affected by coal mining				
	Shallow Mining Hazards No Hazard				

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	**Air Shafts** Use: Not Supplied Date of Mapping: 1982	A19SW (NE)	700	-	404559 395012
9	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A13NE (NE)	227	-	404338 394594
10	**General Quarrying** Use: Not Supplied Date of Mapping: 1894 - 1899	A12SE (SW)	332	-	403831 394206
11	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A8NW (SW)	474	-	403878 393914
12	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A18SW (N)	486	-	404154 394899
13	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A8NW (SW)	627	-	403903 393727
14	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A7NE (SW)	637	-	403681 393871
15	**General Quarrying** Use: Not Supplied Date of Mapping: 1894 - 1954	A18NE (N)	768	-	404325 395165
16	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A19NW (NE)	770	-	404578 395081
17	**General Quarrying** Use: Not Supplied Date of Mapping: 1894	A8SW (S)	965	-	403918 393367
18	**Heap, unknown constituents** Use: Not Supplied Date of Mapping: 1924	A13SW (S)	261	-	404106 394047
19	**Quarrying of sand & clay, operation of sand & gravel pits** Use: Not Supplied Date of Mapping: 1938	A12SE (W)	433	-	403720 394237
20	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A13NE (NE)	227	-	404338 394594
21	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A12SE (SW)	332	-	403831 394206
22	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A12SE (W)	433	-	403720 394237
23	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NW (SW)	474	-	403878 393914
24	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A18SW (N)	486	-	404154 394899
25	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8NW (SW)	627	-	403903 393727
26	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A7NE (SW)	637	-	403681 393871
27	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1991	A8SW (S)	965	-	403918 393367
28	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A13NE (E)	147	-	404369 394425

Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (W)	211	-	403952 394409
30	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SE (S)	215	-	404270 394100
31	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A13SW (W)	218	-	403933 394335
32	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (NW)	228	-	403971 394531
33	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (NW)	285	-	403896 394502
34	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A13NW (NW)	291	-	403963 394621
35	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1894	A12SE (W)	392	-	403760 394355
36	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A18SE (NE)	454	-	404384 394822
37	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A14SW (E)	498	-	404688 394197
38	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A12SE (W)	568	-	403580 394285
39	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A19SW (NE)	649	-	404601 394925
40	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	A7NE (SW)	653	-	403592 393963
41	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A19SW (NE)	661	-	404678 394878
42	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A7NE (SW)	674	-	403779 393740
43	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A17SE (NW)	750	-	403627 394934
44	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1954	A12NW (W)	838	-	403346 394579

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.				
	Potential for Collapsible Ground Stability Hazards No Hazard				
45	**Potential for Compressible Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	98	1	404050 394356
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	404050 394356
	Potential for Ground Dissolution Stability Hazards No Hazard				
46	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	404050 394356
47	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	104	1	404050 394356
48	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	149	1	404250 394550
49	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	168	1	404000 394225
50	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	197	1	404025 394550
51	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	232	1	404000 394575
52	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	246	1	403925 394200
53	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	0	1	404050 394356
54	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	98	1	404050 394356
55	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	147	1	404000 394356
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	149	1	404250 394550
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	181	1	403975 394250
56	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	403975 394250
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	181	1	403975 394250

Historical Map List

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

1:2,500	Mapsheet	Published Date
Derbyshire	002_12	1881
Derbyshire	002_12	1898
Derbyshire	002_12	1921
Ordnance Survey Plan	SK0394	1968
Ordnance Survey Plan	SK0494	1968

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

1:10,560	Mapsheet	Published Date
Derbyshire	002_NE	1882
Derbyshire	003_NW	1882
Derbyshire	003_SW	1882
Derbyshire	002_SE	1894
Derbyshire	002_NE	1899
Derbyshire	002_SE	1899
Derbyshire	003_NW	1899
Derbyshire	003_SW	1899
Derbyshire	003_NW	1923
Derbyshire	003_SW	1923
Derbyshire	002_NE	1924
Derbyshire	002_SE	1924
Derbyshire	002_NE	1938
Derbyshire	002_SE	1938
Derbyshire	003_NW	1948
Ordnance Survey Plan	SK09NE	1954
Ordnance Survey Plan	SK09NW	1954
Ordnance Survey Plan	SK09SW	1954
Ordnance Survey Plan	SK09SE	1956
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	SK09NE	1980
Ordnance Survey Plan	SK09SE	1980
Ordnance Survey Plan	SK09NW	1982
Ordnance Survey Plan	SK09SW	1991

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2010	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Mining Report Service	January 2006	As notified
Man Made Mining Cavities Peter Brett Associates	November 2009	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	November 2009	Bi-Annually
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	April 2010	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
Brine Compensation Area Cheshire Brine Subsidence Compensation Board	November 2002	Not Applicable
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	May 2010	Quarterly
Subsidence Investigations CET Group	May 2010	Quarterly

Motion Map Data (1:2,500)	Version	Update Cycle
Motion Map		
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
-	**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