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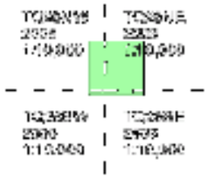
10k Raster Mapping

Published 2006

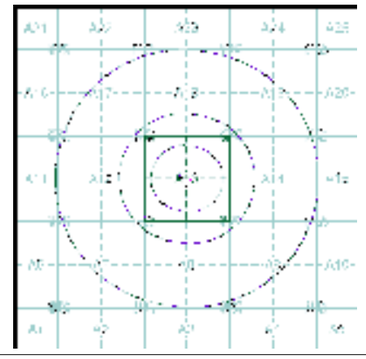
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

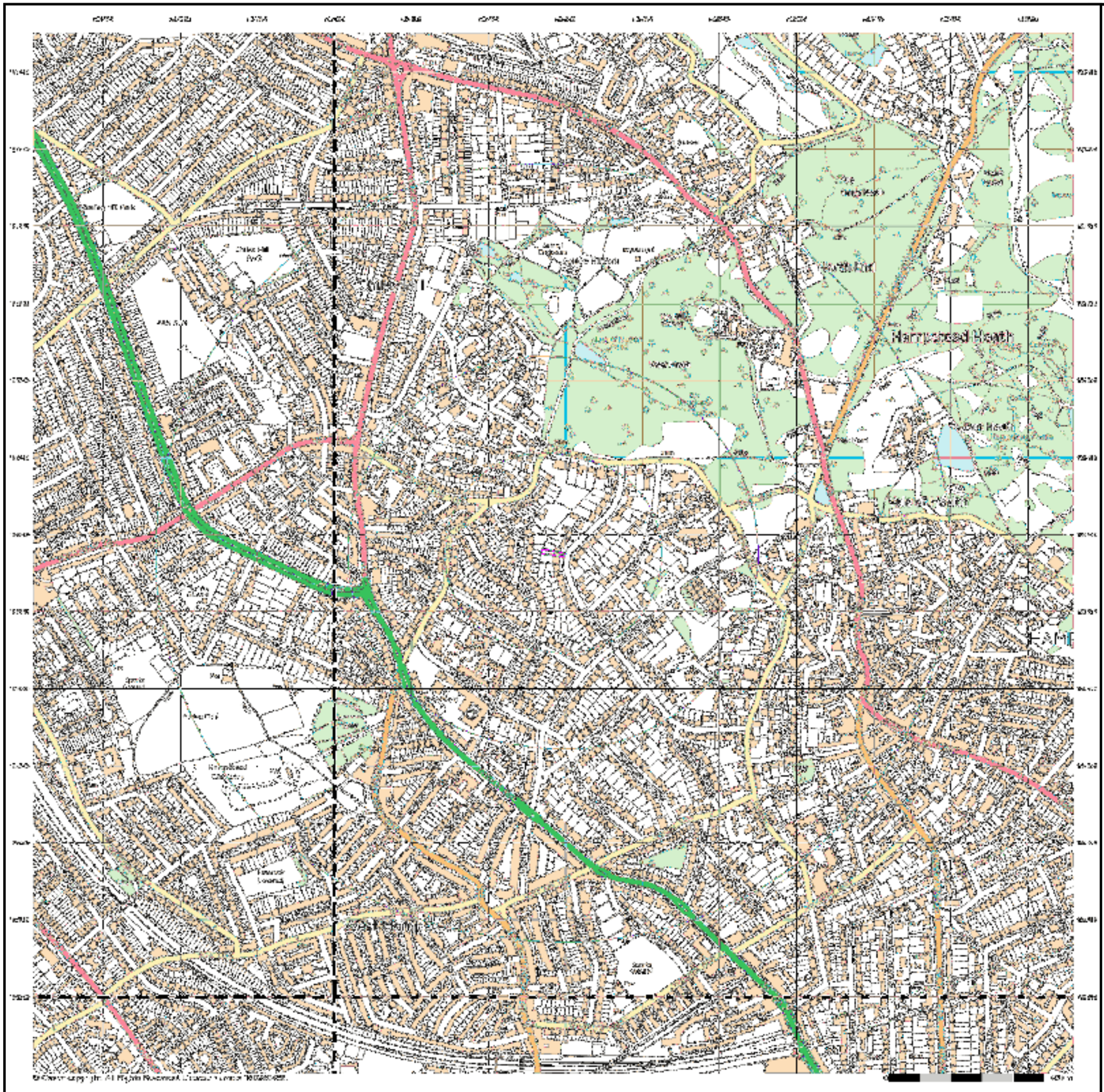
Order Number:	142036905_1_1
Customer Ref:	17.08.025/164
National Grid Reference:	525570, 186150
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	1000

Site Details

79, Redington Road, Hampstead, LONDON, NW3 7RR

Landmark INFORMATION GROUP

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



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VectorMap Local

Published 2017

Source map scale - 1:10,000

VectorMap Local (Raster) is Ordnance Survey's highest detailed 'backdrop' mapping product. These maps are produced from OS's VectorMap Local, a simple vector dataset at a nominal scale of 1:10,000, covering the whole of Great Britain, that has been designed for creating graphical mapping. OS VectorMap Local is derived from large-scale information surveyed at 1:1250 scale (covering major towns and cities),1:2500 scale (smaller towns, villages and developed rural areas), and 1:10 000 scale (mountain, moorland and river estuary areas).

Map Name(s) and Date(s)

Historical Map - Slice A

Order Details

Order Number:	142036905_1_1
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Tel:	0844 844 9952
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Envirocheck® Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:
142036905_1_1

Customer Reference:
17.08.025/164

National Grid Reference:
525570, 186150

Slice:
A

Site Area (Ha):
0.07

Search Buffer (m):
1000

Site Details:

79, Redington Road
Hampstead
LONDON
NW3 7RR

Client Details:

Mr D Lusardi
Listers Geotechnical Consultants Ltd
Slapton Hill Barn
Blakesley Road
Slapton
Towcester
Northants
NN12 8QD

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Contents

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Report Version v53.0

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Man Made Mining Cavities					
Mining Instability			n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
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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
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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
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CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 2	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 2	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 2	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 2	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 2	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 2	Yes	Yes	n/a	n/a
Salt Mining Related Features					
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Report Version v53.0

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Historical Land Use Information (1:10,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	**Potentially Infilled Land (Non-Water)** Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1996	A13SW (W)	243	-	525300 186096
2	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A8NE (S)	546	-	525731 185613
3	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A17SE (NW)	677	-	525015 186587
4	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1873	A18NW (N)	693	-	525492 186852
5	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A18NW (N)	823	-	525342 186960
6	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1896	A11SE (W)	988	-	524550 186100

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBSCB Compensation District The site does not fall within the brine compensation area.				
	Brine Subsidence Solution Area The site does not fall within the brine subsidence solution area.				
7	**Potential for Collapsible Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
8	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
9	**Potential for Landslide Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	153	1	525386 186171
10	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
11	**Potential for Running Sand Ground Stability Hazards** Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	34	1	525561 186113
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	234	1	525588 185909
12	**Potential for Shrinking or Swelling Clay Ground Stability Hazards** Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	34	1	525561 186113
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	525568 186151
	Subsidence Investigations Site Investigation Date: 24th May 2001 Root Survey: No CCTV Drain Survey: No Depth of Foundation: Not Supplied Footing: Soil Classification: Not Supplied			-	
	Subsidence Investigations Site Investigation Date: 7th December 2006 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: 0.94 Footing: Soil Classification: Clay of Extremely High Plasticity			-	
	Subsidence Investigations Site Investigation Date: 12th December 2014 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: 1.2 Footing: Soil Classification: Clay of High Plasticity			-	
	Subsidence Investigations Site Investigation Date: 14th January 2014 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: 1.15 Footing: Soil Classification: Clay of High Plasticity			-	

Ground Stability Data (1:50,000)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Subsidence Investigations Site Investigation Date: 27th February 2001 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: Not Supplied Footing: Soil Classification: Not Supplied			-	
	Subsidence Investigations Site Investigation Date: 16th December 2006 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: 0.02 Footing: Soil Classification: Clay of Intermediate Plasticity			-	
	Subsidence Investigations Site Investigation Date: 26th June 2007 Root Survey: No CCTV Drain Survey: No Depth of Foundation: 1.2 Footing: Soil Classification: Clay of High Plasticity			-	
	Subsidence Investigations Site Investigation Date: 16th January 2004 Root Survey: Yes CCTV Drain Survey: No Depth of Foundation: 0.55 Footing: Soil Classification: Clay of High Plasticity			-	
	Subsidence Investigations Site Investigation Date: 26th September 2006 Root Survey: Yes CCTV Drain Survey: Yes Depth of Foundation: 0.62 Footing: Soil Classification: Clay of High Plasticity			-	
	Subsidence Insurance Claims Case Date: 9th December 2014 Movement Trend Indication: Not Supplied Damage Classification: Not Supplied			-	
	Subsidence Insurance Claims Case Date: 27th September 2006 Movement Trend Indication: Active cyclical movement of up to 5mm Damage Classification: Category 2 - up to 5mm			-	

Motion Map Data (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	**Motion Map** Average Velocity Gradient (mmyear): -0.2	A13SE (SE)	0	-	525578 186146
14	**Motion Map** Average Velocity Gradient (mmyear): -0.5	A13NE (NE)	11	-	525593 186163
15	**Motion Map** Average Velocity Gradient (mmyear): 0.1	A13SE (SE)	15	-	525580 186129
16	**Motion Map** Average Velocity Gradient (mmyear): -0.5	A13NW (W)	26	-	525517 186170
16	**Motion Map** Average Velocity Gradient (mmyear): 0.0	A13NW (W)	26	-	525514 186166
16	**Motion Map** Average Velocity Gradient (mmyear): -0.1	A13NW (W)	30	-	525513 186171
17	**Motion Map** Average Velocity Gradient (mmyear): 0.3	A13NW (NW)	40	-	525511 186187
17	**Motion Map** Average Velocity Gradient (mmyear): -0.2	A13NW (NW)	42	-	525512 186191
18	**Motion Map** Average Velocity Gradient (mmyear): 0.0	A13SW (SW)	52	-	525509 186107
18	**Motion Map** Average Velocity Gradient (mmyear): -0.4	A13SW (SW)	53	-	525507 186107
18	**Motion Map** Average Velocity Gradient (mmyear): -0.6	A13SW (SW)	57	-	525504 186104
18	**Motion Map** Average Velocity Gradient (mmyear): -0.5	A13SW (SW)	59	-	525500 186104
18	**Motion Map** Average Velocity Gradient (mmyear): -0.6	A13SW (SW)	62	-	525500 186100
19	**Motion Map** Average Velocity Gradient (mmyear): -0.2	A13NW (NW)	60	-	525501 186206
20	**Motion Map** Average Velocity Gradient (mmyear): -0.4	A13NE (NE)	72	-	525639 186211
20	**Motion Map** Average Velocity Gradient (mmyear): -0.3	A13NE (NE)	76	-	525640 186215
21	**Motion Map** Average Velocity Gradient (mmyear): -0.7	A13NW (W)	78	-	525459 186153
22	**Motion Map** Average Velocity Gradient (mmyear): 0.2	A13SE (S)	90	-	525600 186053
22	**Motion Map** Average Velocity Gradient (mmyear): -0.1	A13SE (S)	93	-	525596 186049
22	**Motion Map** Average Velocity Gradient (mmyear): 0.0	A13SE (S)	94	-	525599 186049

Motion Map Data (1:2,500)

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
23	**Motion Map** Average Velocity Gradient (mmyear): 0.3	A13SW (W)	93	-	525452 186110
24	**Motion Map** Average Velocity Gradient (mmyear): -0.4	A13NE (NE)	99	-	525625 186246

Historical Map List

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

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

1:10,560	Mapsheet	Published Date
Middlesex	011_00	1873
Middlesex	016_00	1874
London	002_SE	1896
London	006_NE	1896
Middlesex	011_SE	1896
Middlesex	016_NE	1896
London	001_00	1920
London	004_00	1920
London	004_00	1938
Middlesex	011_SE	1938
Ordnance Survey Plan	TQ28NE	1951
Ordnance Survey Plan	TQ28NW	1951
Ordnance Survey Plan	TQ28SE	1951
Ordnance Survey Plan	TQ28SW	1951
1:10,000	**Mapsheet**	**Published Date**
Ordnance Survey Plan	TQ28SE	1991
Ordnance Survey Plan	TQ28NW	1993
Ordnance Survey Plan	TQ28NE	1996
Ordnance Survey Plan	TQ28SW	1996

Data Currency

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2017	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Man Made Mining Cavities Peter Brett Associates	April 2017	Bi-Annually
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Natural Cavities Peter Brett Associates	March 2017	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	August 2017	Bi-Annually
Ground Stability Data (1:50,000)	**Version**	**Update Cycle**
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	Annually
Subsidence Insurance Claims SP Property Services	August 2017	Quarterly
Subsidence Investigations CET Structures Ltd	August 2017	Quarterly
Brine Subsidence Solution Area Johnson Poole & Bloomer	January 2015	As notified

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

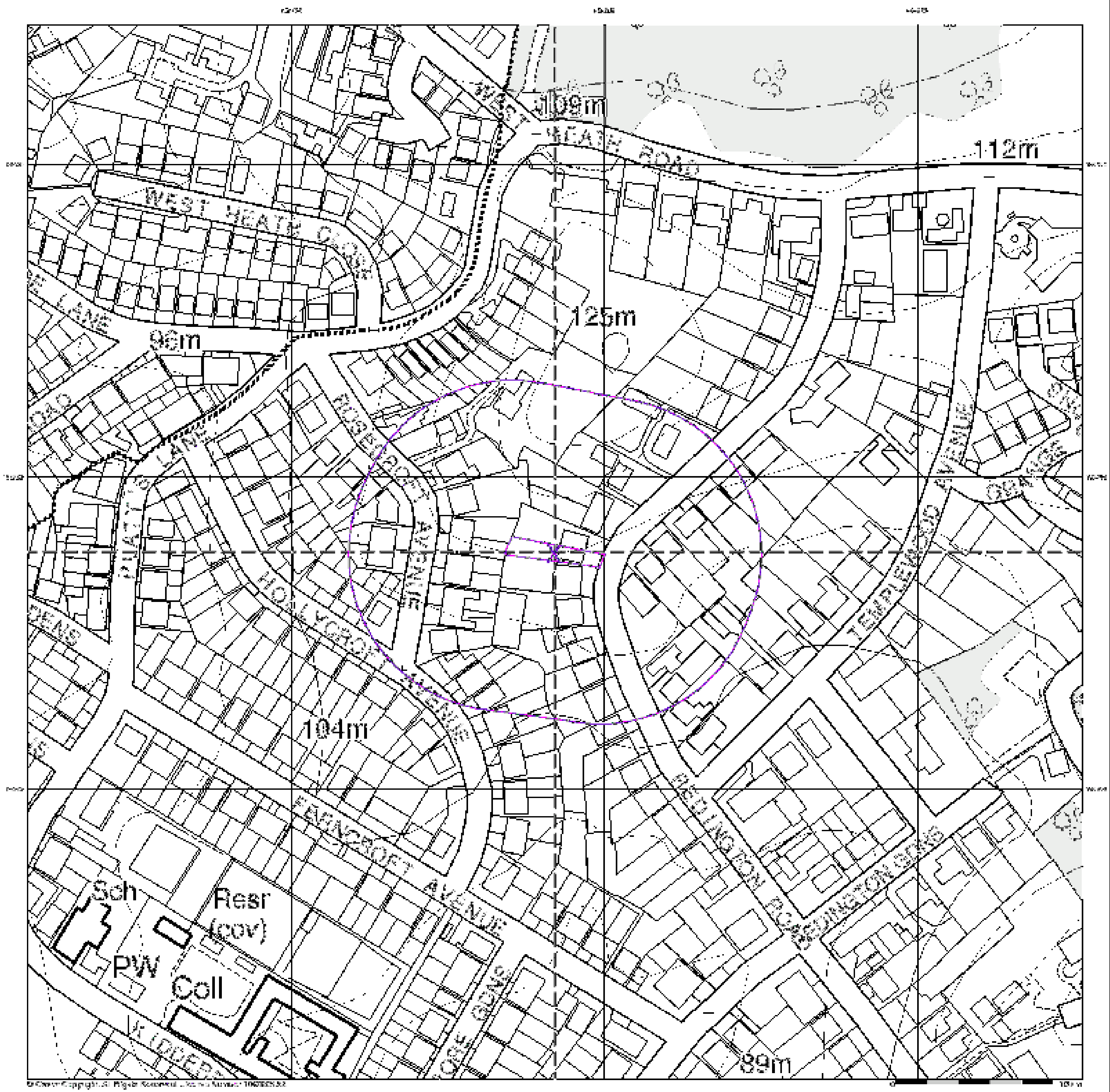
Data Suppliers

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
British Geological Survey	
The Coal Authority	
Ove Arup	
Peter Brett Associates	
Wardell Armstrong	
Johnson Poole & Bloomer	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
-	**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



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Historical Land Use Information (1:2,500)

General

Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			

Subterranean Features

	Point	Line	Polygon
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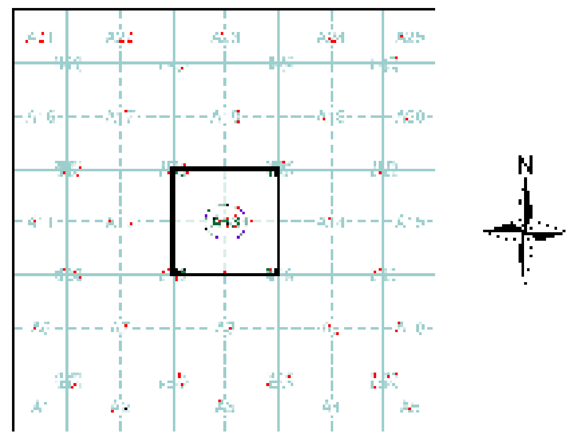
Mining and Ground Stability - Segment A13



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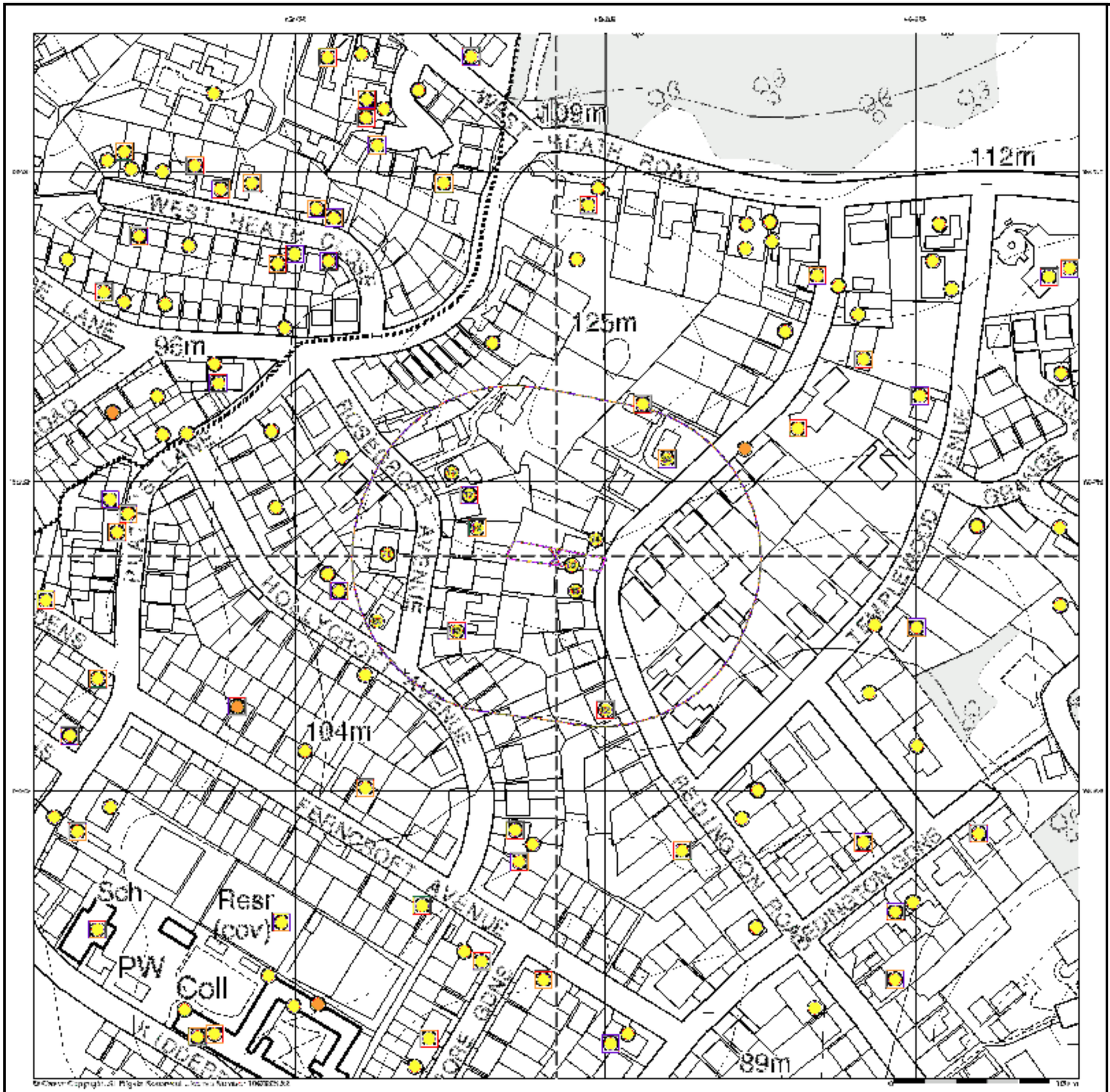

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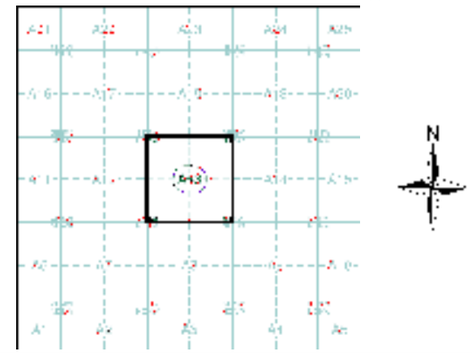
Motion Map Data (1:2,500)

General

Average Velocity Gradient

Mining and Ground Stability - Segment A13



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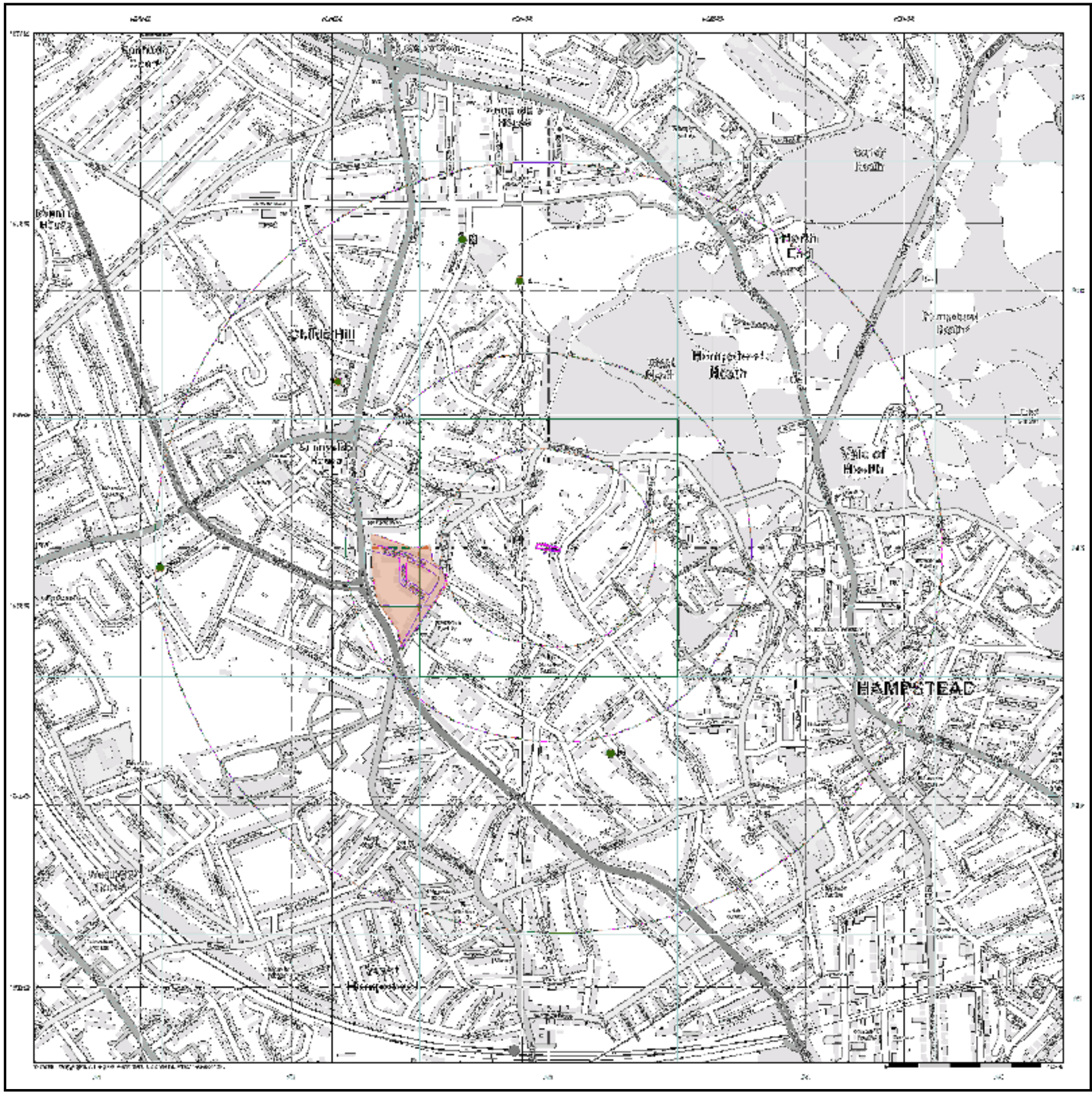

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Historical Land Use Information (1:10,000)

General

Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			
[illegible]			

Historical Land Use

	Point	Line	Polygon
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[illegible]			
[illegible]			

Mining Data

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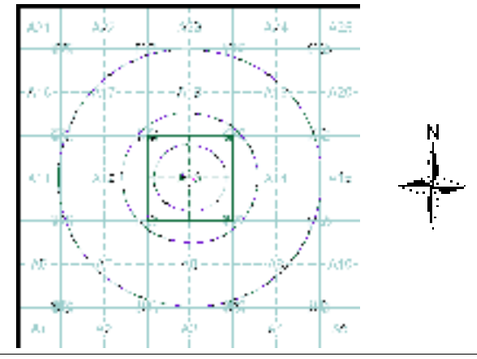
Mining and Ground Stability - Slice A



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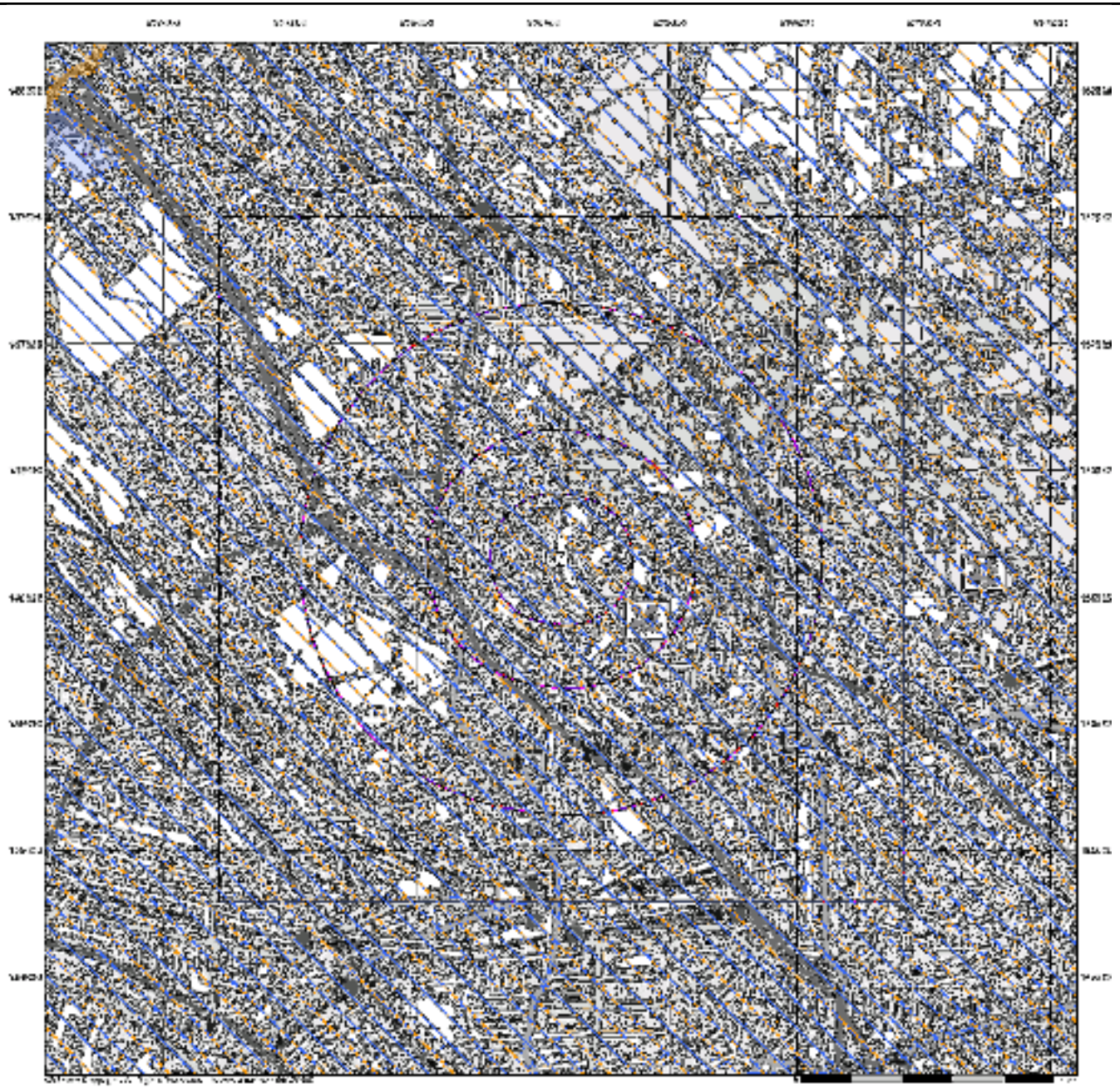

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Ground Stability Data (1:50,000)

General

Potential for Compressible Ground Stability Hazards

High

Low

Potential for Collapsible Ground Stability Hazards

High

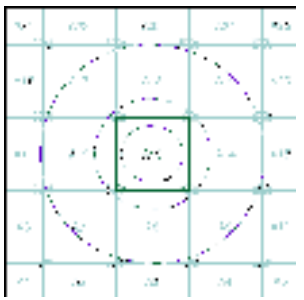
Low

Brine Pumping and Salt Mining

Point

Polygon

Mining and Ground Stability - Slice A



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LANDMARK INFORMATION GROUP

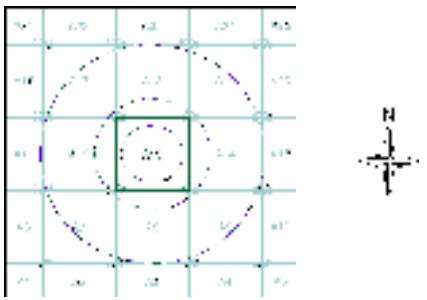
Ground Stability Data (1:50,000)

General

Potential for
Landslide Ground Stability Hazards

Potential for
Ground Dissolution Stability Hazards

Mining and Ground Stability - Slice A



Order Details

Order Number:	142036905_1_1
Customer Ref:	17.08.025/164
National Grid Reference:	525570, 186150
Slice:	A
Site Area (Ha):	0.07
Search Buffer (m):	1000

Site Details

79, Redington Road, Hampstead, LONDON, NW3 7RR

Landmark

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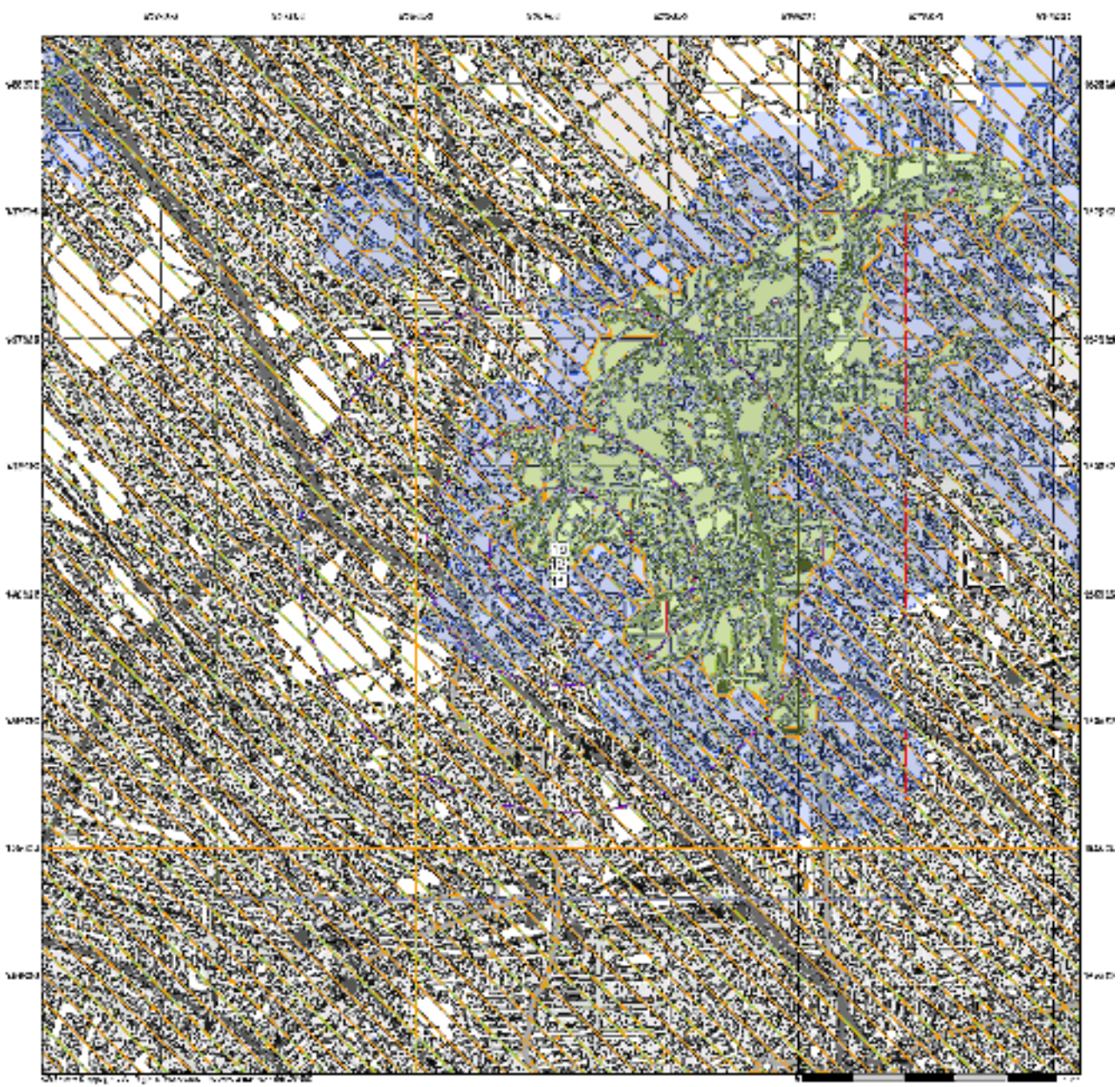

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LANDMARK INFORMATION GROUP

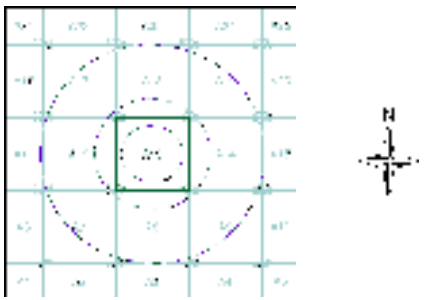
Ground Stability Data (1:50,000)

General

Potential for
Running Sand Ground Stability Hazards

Potential for
Shrinking or Swelling Clay
Ground Stability Hazards

Mining and Ground Stability - Slice A



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MACC International Ltd, Camilla Court, Nacton, Ipswich, Suffolk, IP10 0EU, UK

Mr Sandy David
Geotechnical Engineer
Associate
Listers Geotechnical Consultants Ltd
Email 1st Instance: sandy@listersgeotechnics.co.uk

Your Reference:

Our Reference: JM/4913/04

Date: 8th September 2017

Unexploded Ordnance Preliminary Risk Review
79 Redington Road, Hampstead, London NW3 7RR

MACC International Ltd (MACC) has conducted a preliminary risk review for the site footprint. The review has drawn on open source and in-house information, references have been provided where available (See Annex A).

The review has been conducted to provide Listers Geotechnical Engineers with a review of the risk which may be posed by UXO while conducting soil investigations on the site.

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Although the area suffered significant bombing during WWII, no records were found to confirm a bomb strike within the site footprint. Whilst considering the history of the site and the level of post-war development, the following conclusions have been reached:

- It is considered that there is not a credible likelihood of encountering UXO on the site. Consequently, the UXO risk is considered to be LOW within the site boundary.
- Nevertheless, it is recommended that:
    - All site personnel are provided with a UXO Safety Awareness Talk before intrusive works are commenced.

I trust this document has provided you with sufficient information to meet your immediate needs. Should you require anything further, please do not hesitate to contact me.

Yours Sincerely

John Morrison
Operations Manager

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Annex 'A' to
Document JM/4913/04
Dated 08/09/2017

Unexploded Ordnance Preliminary Risk Review

Site location	Site Address: 79 Redington Road, Hampstead, London NW3 7RR Grid Reference: 525579, 186148 
Scope of Intended works	Preliminary review of the risk that may be posed by UXO to geotechnical investigations.
History	HAA gun sites were located to the north, east and west of the site to defend against air attack and combat engagements with enemy aircraft did take place.
Wartime History	No records were found to confirm a bomb strike within the site footprint and LCC Bomb Damage Map 27 indicates that property within the site footprint did not suffer damage from enemy bombing. The nearest recorded bomb fell c.a.300m east of the site at Grange Gardens. Consequently, this source of UXO contamination is considered unlikely, but cannot be ruled out entirely.
Unexploded Ordnance (UXO) Finds	No reports were found to indicate that items of UXO have been found within or recovered from the site footprint.
Post War Development	The majority of the site has undergone a limited level of post-war development.