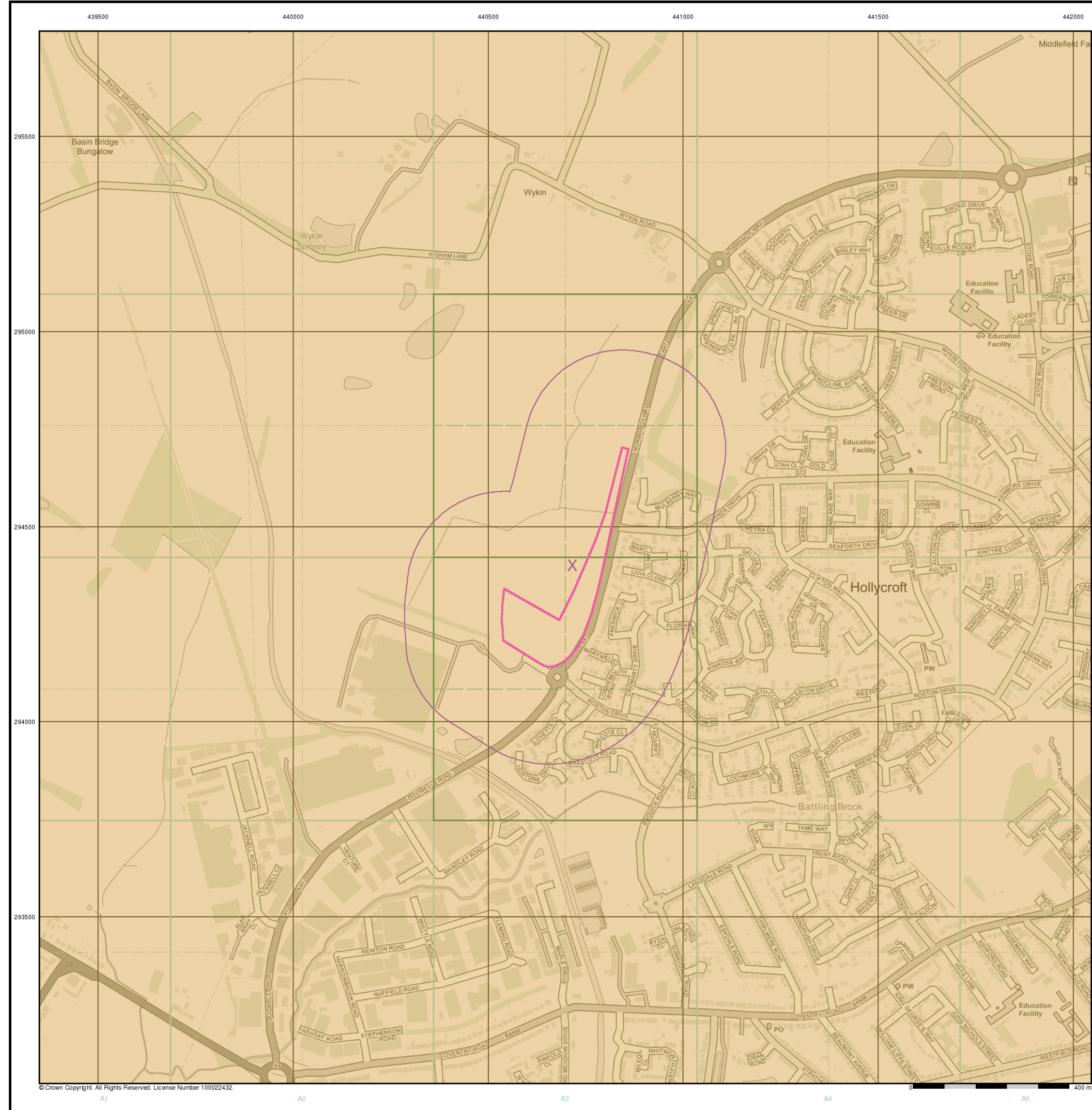


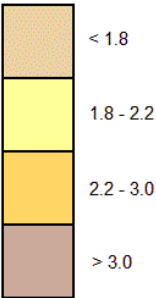


General

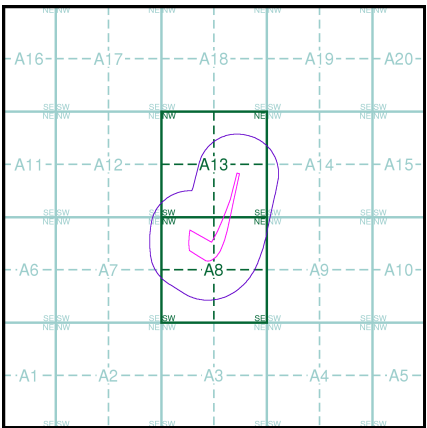
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details

Hinckley Phase 4



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Web: www.envirocheck.co.uk

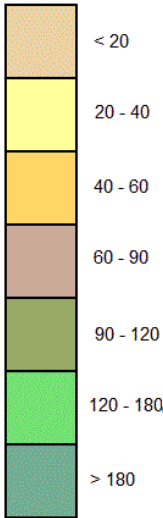


General

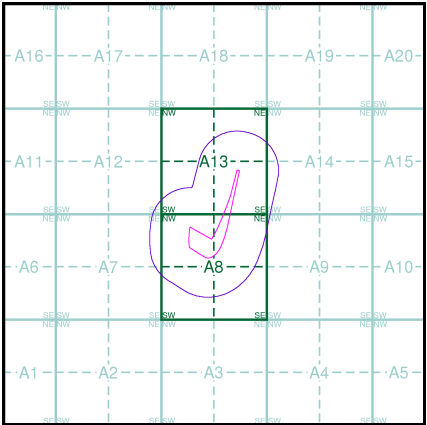
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

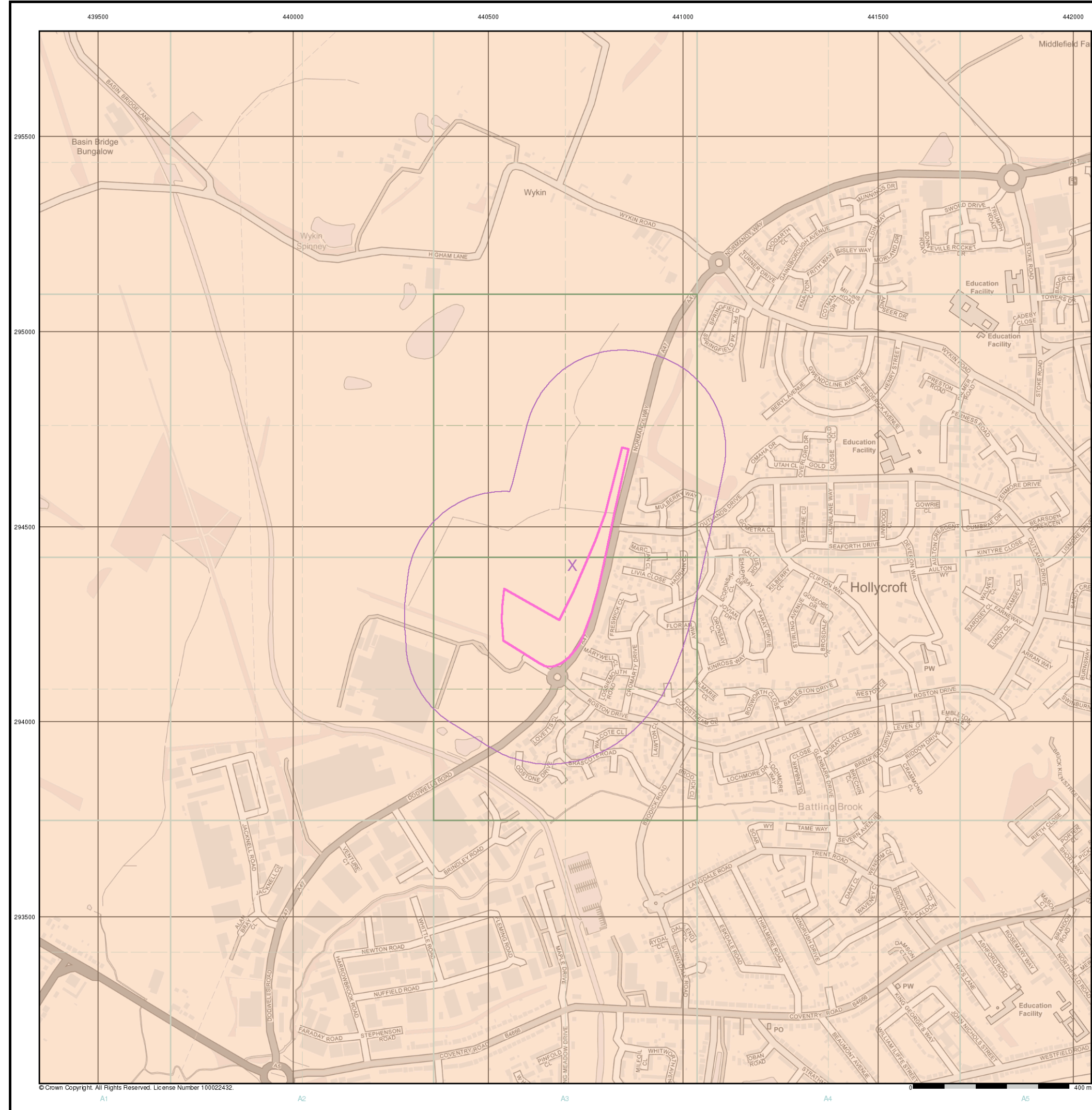
Order Details: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details

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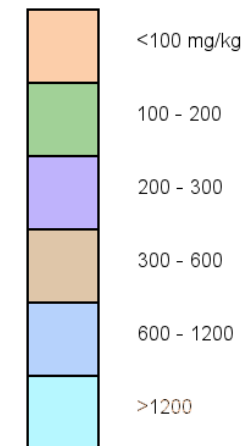


General

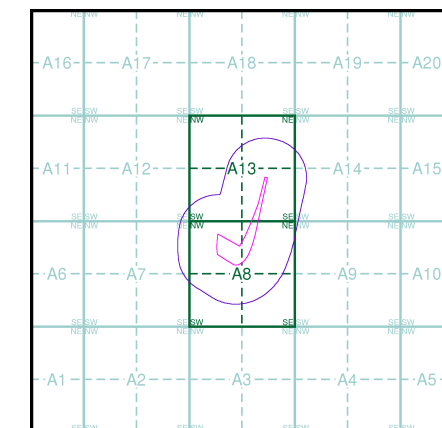
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details

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439500 440000 440500 441000 441500 442000

295500

295000

294500

294000

293500

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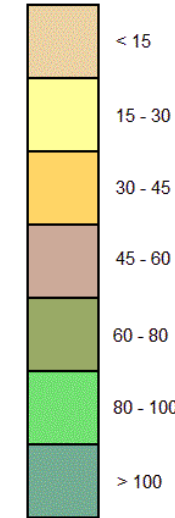


General

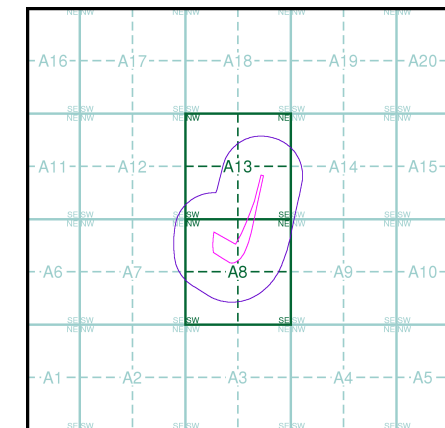
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A



Order Details

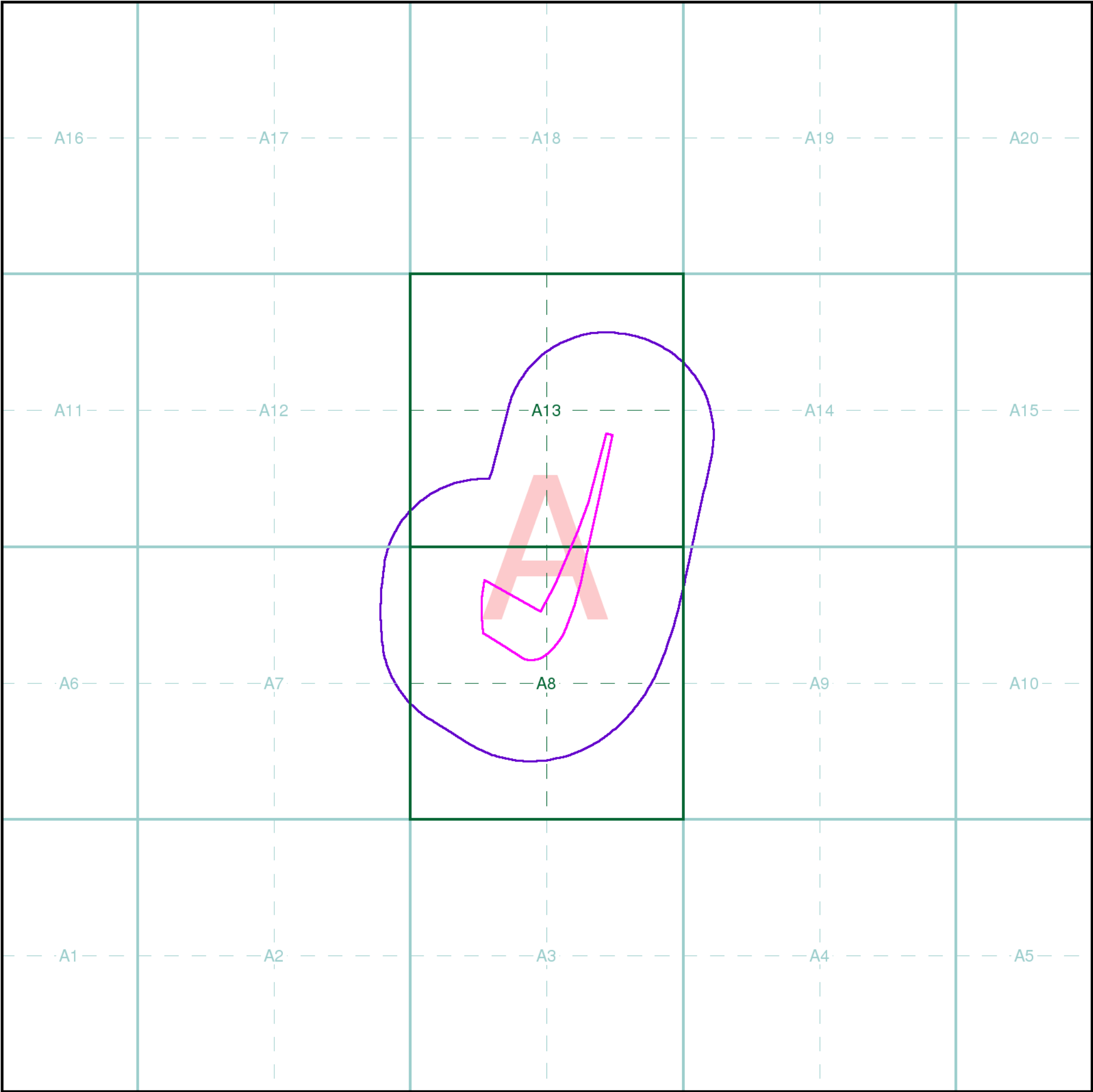
Order Details: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details

Hinckley Phase 4



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



Index Map

For ease of identification, your site and buffer have been split into Slices, Segments and Quadrants. These are illustrated on the Index Map opposite and explained further below.

Slice
Each slice represents a 1:10,000 plot area (2.7km x 2.7km) for your site and buffer. A large site and buffer may be made up of several slices (represented by a red outline), that are referenced by letters of the alphabet, starting from the bottom left corner of the slice "grid". This grid does not relate to National Grid lines but is designed to give best fit over the site and buffer.

Segment
A segment represents a 1:2,500 plot area. Segments that have plot files associated with them are shown in dark green, others in light blue. These are numbered from the bottom left hand corner within each slice.

Quadrant
A quadrant is a quarter of a segment. These are labelled as NW, NE, SW, SE and are referenced in the datasheet to allow features to be quickly located on plots. Therefore a feature that has a quadrant reference of A7NW will be in Slice A, Segment 7 and the NW Quadrant.

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details
Mr J Hollands, GeoDyne Ltd, Clarendon House, Clarendon Business Park, Clumber Avenue, Nottingham, NG5 1AH

Order Details
Order Number: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440690, 294310
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details
Hinckley Phase 4

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Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

302954152_1_1

Customer Reference:

D42153

National Grid Reference:

440720, 294400

Slice:

A

Site Area (Ha):

4.18

Search Buffer (m):

250

Site Details:

Hinckley Phase 4

Client Details:

Mr J Hollands
GeoDyne Ltd
Clarendon House
Clarendon Business Park
Clumber Avenue
Nottingham
NG5 1AH

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	-
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)	1
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)	-
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)	2
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	3
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	4
Data Suppliers	5
Useful Contacts	6

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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
Mining and Natural Cavities Data			
BGS Recorded Mineral Sites			
Coal Mining Affected Areas			n/a
Man Made Mining Cavities			
Mining Instability			n/a
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential Mining Areas			
Historical Land Use Information (1:2,500)			
Extractive Industries or Potential Excavations from 1855-1909 (100m)			
Extractive Industries or Potential Excavations from 1893-1915 (100m)			
Extractive Industries or Potential Excavations from 1906-1937 (100m)			
Extractive Industries or Potential Excavations from 1924-1949 (100m)			
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 1		2
Subterranean Features (100m)			
Historical Land Use Information (1:10,000)			
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining & quarrying general			
Mining of coal & lignite			
Quarrying of sand & clay, operation of sand & gravel pits			
Former Marshes			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Ground Stability Data (1:50,000)			
CBSCB Compensation District			n/a
Brine Pumping Related Features			
Brine Subsidence Solution Area			
Potential for Collapsible Ground Stability Hazards	pg 2	Yes	
Potential for Compressible Ground Stability Hazards	pg 2	Yes	Yes
Potential for Ground Dissolution Stability Hazards	pg 2	Yes	
Potential for Landslide Ground Stability Hazards	pg 2	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 2	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 2	Yes	Yes
Salt Mining Related Features			

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1963 Date: Last Map Published N/A Date:	A13SE (N)	46	-	440837 294748
2	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1963 Date: Last Map Published N/A Date:	A13SE (NE)	72	-	440902 294556

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.				
3	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	440705 294528
4	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
5	Potential for Compressible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	60	1	440954 294672
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	35	1	440889 294718
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
6	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
7	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	43	1	440917 294658
8	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	440705 294528
9	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	35	1	440954 294672
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
10	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (N)	0	1	440705 294528
11	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A8NE (NW)	0	1	440717 294402
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	35	1	440954 294672

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

1:2,500	Mapsheet	Published Date
Ordnance Survey Plan	SP4093	1963
Ordnance Survey Plan	SP4094	1963
Ordnance Survey Plan	SP4094	1963
Ordnance Survey Plan	SP4095	1963
Ordnance Survey Plan	SP4195	1963

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

1:10,560	Mapsheet	Published Date
Warwickshire	011_NE	1889
Warwickshire	011_NW	1891
Warwickshire	011_NW	1904
Leicestershire	042_NE	1904
Leicestershire	042_NW	1904
Leicestershire	042_NE	1925
Leicestershire	042_NW	1925
Warwickshire	011_NW	1938
Leicestershire	042_NE	1938
Leicestershire	042_NW	1938
Ordnance Survey Plan	SP39NE	1955
Ordnance Survey Plan	SP39SE	1955
Ordnance Survey Plan	SP49NW	1955
Ordnance Survey Plan	SP49SW	1955
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SP49NW	1980
Ordnance Survey Plan	SP49SW	1984
Ordnance Survey Plan	SP39NE	1989
Ordnance Survey Plan	SP39SE	1994

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2022	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	June 2022	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	
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	
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
-	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



GeoDyne

Historical Land Use Information (1:10,000)

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

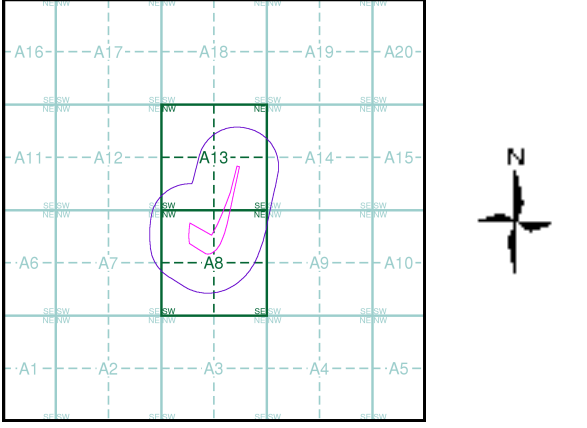
Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

	Point	Line	Polygon
Air Shafts			
Disturbed Ground			
General Quarrying			
Heap, unknown constituents			
Mineral Railway			
Mining and Quarrying General			
Mining of Coal & Lignite			
Quarrying of Sand and Clay, Operation of Sand and Gravel Pits			

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

Mining Data
Potential Mining Area
BGS Recorded Mineral Site

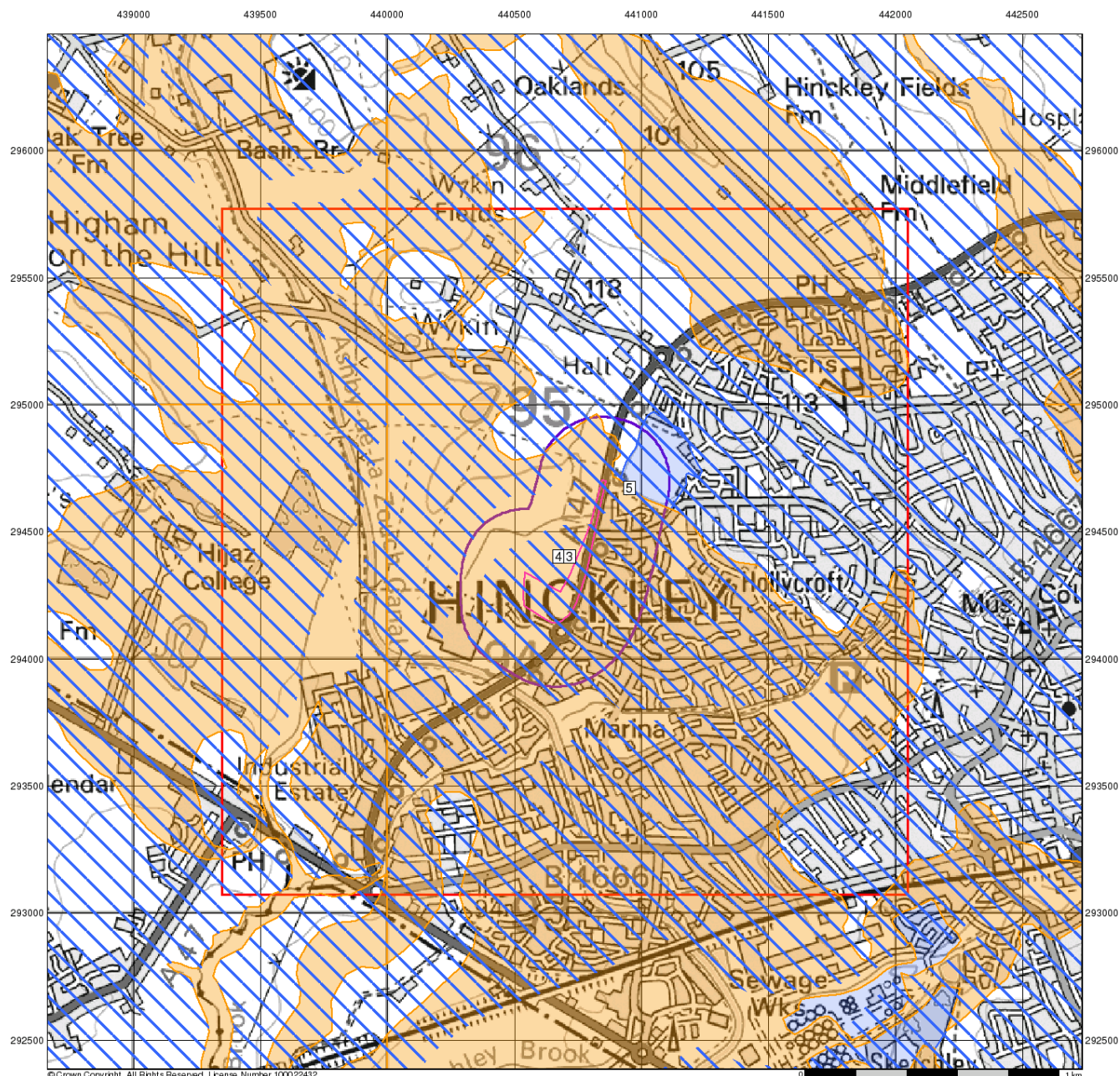
Mining and Ground Stability - Slice A



Order Details
Order Number: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Search Buffer (m): 250

Site Details
Hinckley Phase 4

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GeoDyne

Ground Stability Data (1:50,000)

General

- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- ID Map ID

Potential for Compressible Ground Stability Hazards

 High	 Low
 Moderate	 Very Low

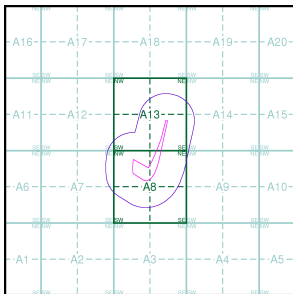
Potential for Collapsible Ground Stability Hazards

 High	 Low
 Moderate	 Very Low

Brine Pumping and Salt Mining

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

Mining and Ground Stability - Slice A





Order Details

Order Number:	302954152_1_1
Customer Ref:	D42153
National Grid Reference:	440720, 294400
Slice:	A
Site Area (Ha):	4.18
Search Buffer (m):	250

Site Details

Hinckley Phase 4

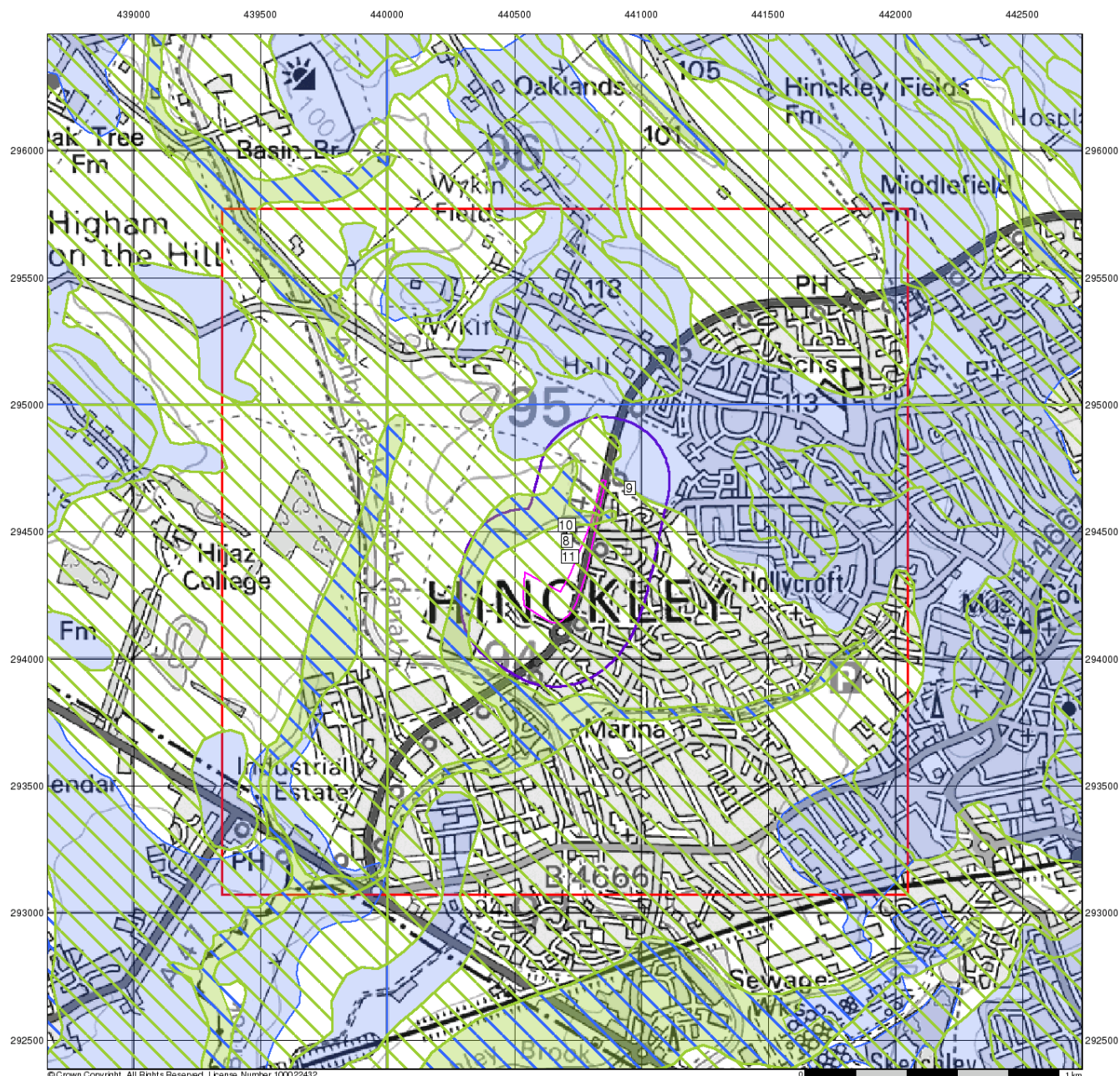


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Page 1 of 3



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GeoDyne

Ground Stability Data (1:50,000)

General

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

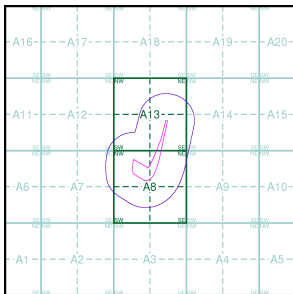
Potential for Running Sand Ground Stability Hazards

High	Low
Moderate	Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

High	Low
Moderate	Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number:	302954152_1_1
Customer Ref:	D42153
National Grid Reference:	440720, 294400
Slice:	A
Site Area (Ha):	4.18
Search Buffer (m):	250

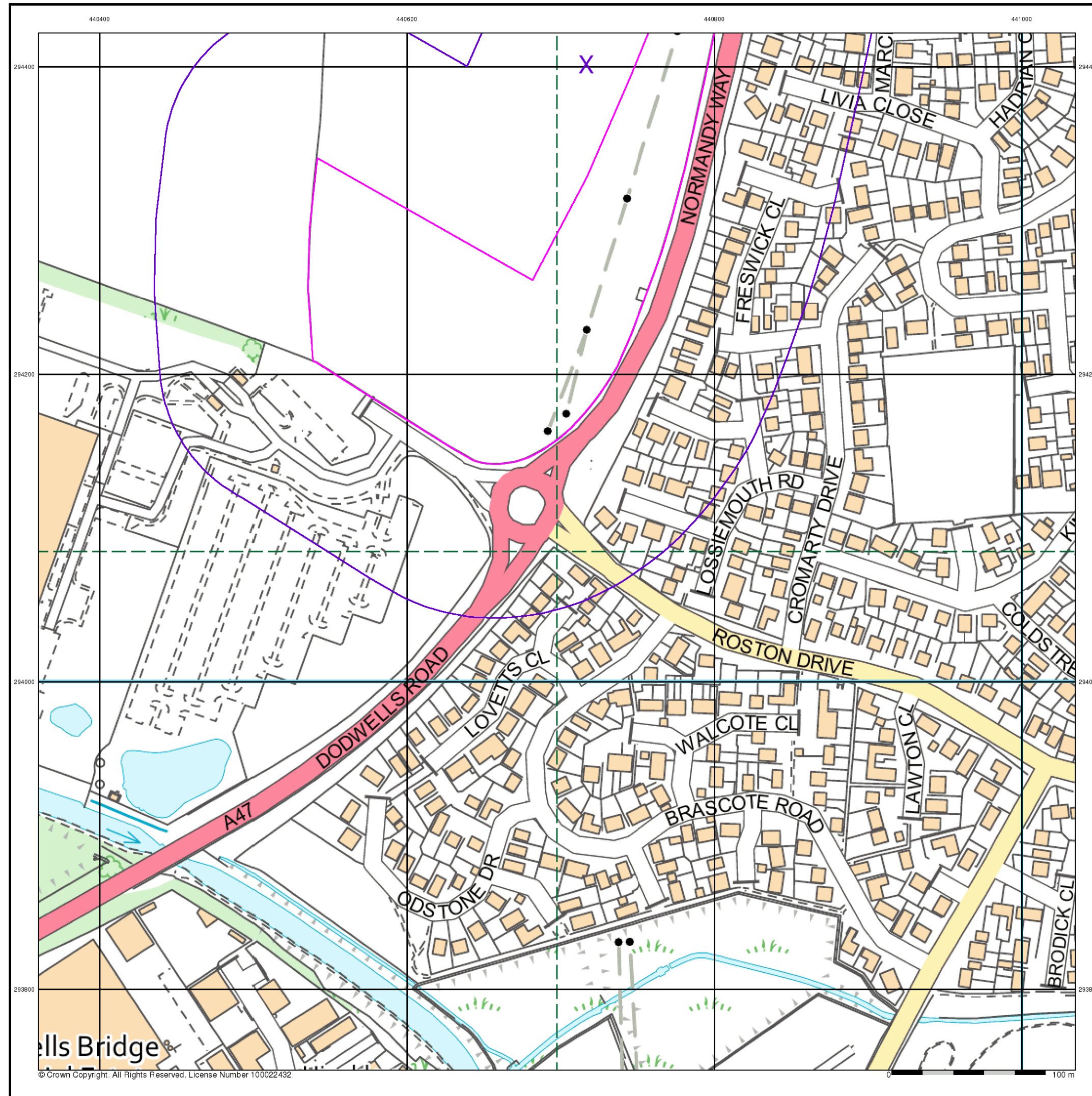
Site Details
Hinckley Phase 4



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GeoDyne

Historical Land Use Information (1:2,500)

General

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

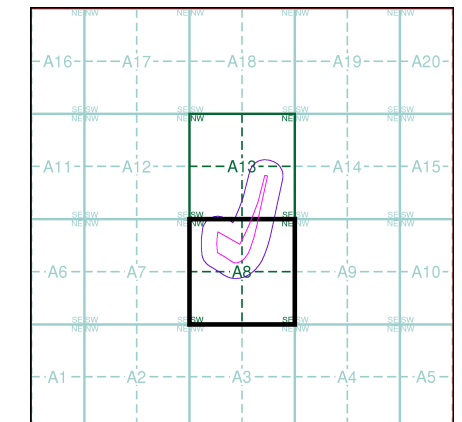
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	Point	Line	Polygon
Extractive Industries Activity from 1855 - 1909	▲	—	■
Extractive Industries Activity from 1893 - 1915	▲	—	■
Extractive Industries Activity from 1906 - 1937	▲	—	■
Extractive Industries Activity from 1924 - 1949	▲	—	■
Extractive Industries Activity from 1950 - 1980	▲	—	■

Subterranean Features

	Point	Line	Polygon
Subterranean Features	▼	---	■

Mining and Ground Stability - Segment A8



Order Details

Order Number: 302954152_1_1
Customer Ref: D42153
National Grid Reference: 440720, 294400
Slice: A
Site Area (Ha): 4.18
Plot Buffer (m): 100

Site Details

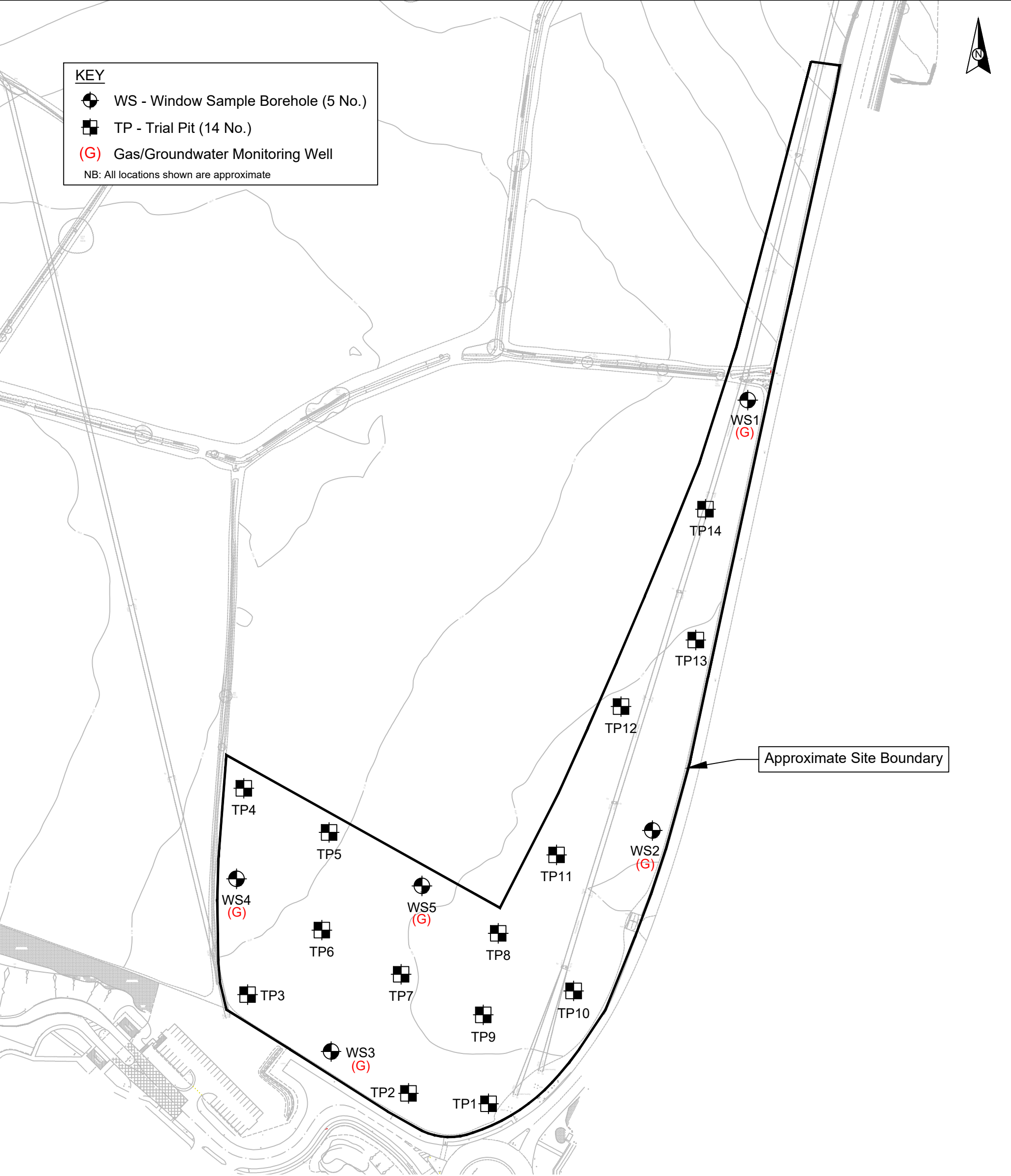
Hinckley Phase 4

Landmark
INFORMATION GROUP

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Web: www.envirocheck.co.uk

APPENDIX VII

**Exploratory Hole Location Plan
(Figure No. D42153/04)**



Drawing based on Topographical Survey by Greenhatch Group Drawing No.19969 OGL Rev A Dated: March 2014. Used, edited and reproduced with permission of the Client.

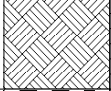
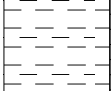
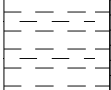
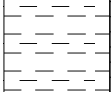
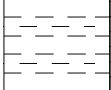
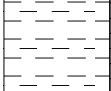
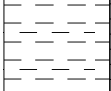
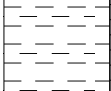
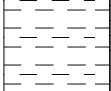
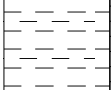
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Client	Bloor Homes East Midlands	Checked By	SS
		Approved By	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	29/11/2022
Title	Exploratory Hole Location Plan	Revision	
		Figure No.	D42153/04



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APPENDIX VIII

Eploratory Hole Logs (TP1 to TP14 & WS1 to WS5)

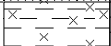
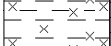
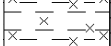
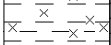
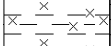
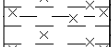
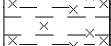
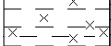
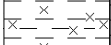
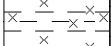
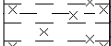
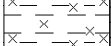
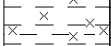
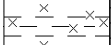
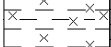
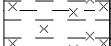
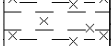
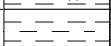
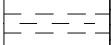
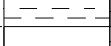
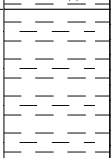
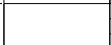
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J1	J			
Stiff grey-brown CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
		0.50	J2	J			
		0.70	B1	B	In-Situ SV	77	
		0.75				79	
						81	
...silty between 1.55m and 2.20m		1.80			Ex-Situ SV	83	
						84	
						88	
...with large pockets of firm brown clayey silt below 2.70m		2.65			Ex-Situ SV	87	
						91	
						92	
End of Trial Pit at 3.25m		3.25					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP1
Date: 16/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20	J3	J			
Stiff brown silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
		0.45	J4	J			
...locally slightly sandy between 0.60m and 0.75m							
		0.75			In-Situ SV	79 80 84	
							
		1.00	B2	B			
							
							
							
		1.70			Ex-Situ SV	77 88 90	
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
							
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		2.80			Ex-Situ SV	140+ 140+ 140+	
		3.00					
							
End of Trial Pit at 3.30m		3.30					

Remarks:

- Sides generally stable.
- No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Date:

16/11/2022

Approved:

PK

Client:

Bloor Homes East Midlands

Plant:

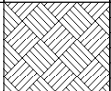
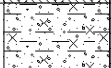
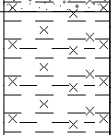
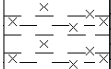
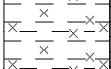
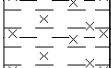
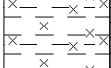
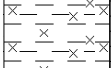
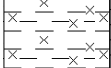
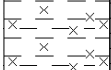
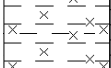
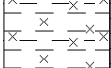
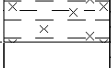
JCB 130 LC+

Scale:

1:25

Drawing No.

TP2

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.05	J5	J			
Firm grey-brown silty sandy slightly gravelly CLAY. Gravel is fine to coarse and predominantly rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey-brown slightly silty CLAY with pockets of medium dense brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.55					
		0.80			In-Situ SV	89 93 95	
...sand pockets becoming smaller and less prevalent with increasing depth		1.00	J6	J			
		1.30	B3	B			
		1.85			Ex-Situ SV	99 102 106	
							
							
							
							
...becoming very stiff and dark grey below 2.70m		2.80			Ex-Situ SV	140+ 140+ 140+	
							
End of Trial Pit at 3.10m		3.10					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Date:

16/11/2022

Approved:

PK

Client:

Bloor Homes East Midlands

Plant:

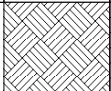
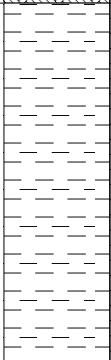
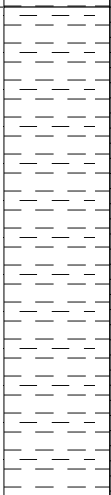
JCB 130 LC+

Scale:

1:25

Drawing No.

TP3

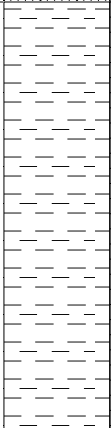
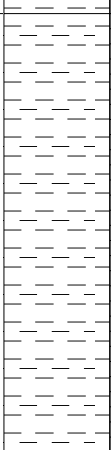
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J7	J			
Stiff grey-brown CLAY with small pockets of brown fine to medium grained sand and rare fine to coarse rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
		0.55	J8	J			
...sand pockets becoming less prevalent with increasing depth		0.85			In-Situ SV	77 80 92	
Very stiff grey locally grey-brown CLAY (MERCIA MUDSTONE GROUP)		1.50					
		1.55	B4	B	Ex-Situ SV	140+	
		1.60				140+	
...with some mudstone lithorelicts below 2.55m		2.55			Ex-Situ SV	140+	
						140+	
						140+	
End of Trial Pit at 3.15m		3.15					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP4
Date: 16/11/2022	Approved: PK		Scale: 1:25	

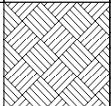
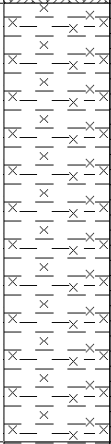
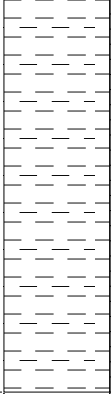
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J9	J			
Stiff grey-brown CLAY with small pockets of brown fine to medium grained sand and rare fine to coarse rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
		0.90			In-Situ SV	96 98 100	
Very stiff grey locally grey-brown CLAY (MERCIA MUDSTONE GROUP)		1.70 1.75 1.90 2.00	B5 J10	B J	Ex-Situ SV	140+ 140+ 140+	
...with occasional mudstone lithorelicts below 2.75m							
End of Trial Pit at 3.20m		3.10 3.20			Ex-Situ SV	140+ 140+ 140+	

Remarks:

- Sides generally stable.
- Steady water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP5
Date: 16/11/2022	Approved: PK		Scale: 1:25	

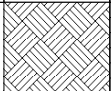
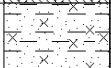
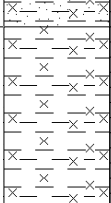
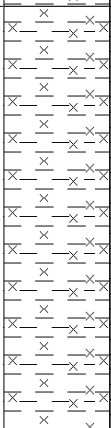
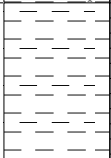
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20	J11	J			
Stiff grey-brown silty CLAY with occasional large pockets of medium dense fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.35 0.40 0.70	J12	J			
...sand pockets becoming smaller with increasing depth					In-Situ SV	78 81 84	
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.55 1.80			Ex-Situ SV	110 114 125	
...becoming locally purple-grey and with occasional mudstone lithorelicts below 2.40m		2.20 2.60	B6	B			
End of Trial Pit at 3.10m		3.10			Ex-Situ SV	140+ 140+ 140+	

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP6
Date: 16/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.25 0.30	J13	J			
Stiff grey-brown silty sandy CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.55 0.60	J14	J			
Stiff grey silty CLAY with small pockets of brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.75 1.20			In-Situ SV	89 97 103	
Stiff grey-brown very silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		1.40 2.50 2.60			In-Situ SV	103 105 112	
...becoming less silty below 2.00m							
Very stiff grey locally brown and purple-grey CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.90 3.15	B7	B	In-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.15m							

Remarks:

- Sides generally stable.
- No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Client:

Bloor Homes East Midlands

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Plant:

JCB 130 LC+

Drawing No.

Date:

16/11/2022

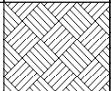
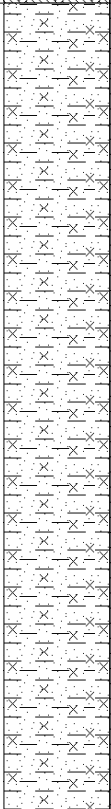
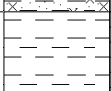
Approved:

PK

Scale:

1:25

TP7

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J15	J			
Stiff grey-brown silty locally slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
		0.45	J16	J			
...becoming more silty below 1.20m		0.90			In-Situ SV	75 81 89	
...with pockets of very soft to soft wet clayey silt between 1.70m and 2.60m		1.65			Ex-Situ SV	90 96 98	
		2.85					
		3.00	B8	B			
Very stiff grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		3.20			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.30m		3.30					

Remarks:

1. Collapsing of trial pit walls from silt pockets between 1.70m and 2.60m.
2. No water encountered.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Date:

16/11/2022

Approved:

PK

Client:

Bloor Homes East Midlands

Plant:

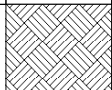
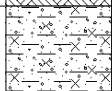
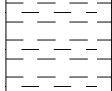
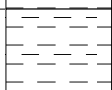
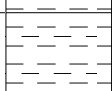
JCB 130 LC+

Scale:

1:25

Drawing No.

TP8

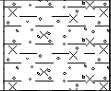
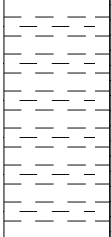
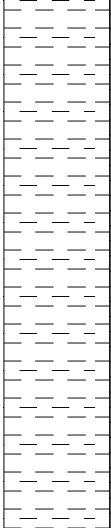
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J17	J	In-Situ SV	80 81 88	
Firm grey-brown silty sandy slightly gravelly CLAY. Gravel is fine to coarse and predominantly rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30	J18	J			
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.45					
		0.60					
		0.70					
		0.85	B9	B			
Stiff grey silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		1.50			Ex-Situ SV	103 108 112	
		1.70					
Very stiff grey CLAY with some mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.55			Ex-Situ SV	140+ 140+ 140+	
		2.70					
End of Trial Pit at 3.15m		3.15					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP9
Date: 17/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.05	J19	J			
Stiff grey-brown silty slightly gravelly CLAY. Gravel is fine to medium and rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
		0.40	J20	J			
		0.55					
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.75			In-Situ SV	102 110 114	
		1.15	B10	B			
		1.40					
Stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.75			Ex-Situ SV	109 112 117	
...becoming very stiff and with occasional mudstone lithorelicts below 2.20m		2.75			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.20m		3.20					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Client:

Bloor Homes East Midlands

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Plant:

JCB 130 LC+

Drawing No.

TP10

Date:

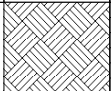
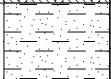
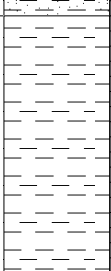
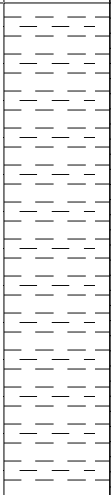
17/11/2022

Approved:

PK

Scale:

1:25

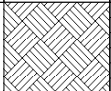
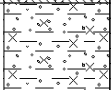
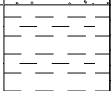
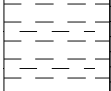
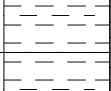
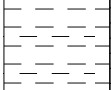
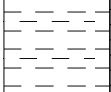
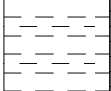
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J21	J			
Stiff grey-brown slightly sandy CLAY with rare coarse rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60	J22	J			
		0.80			In-Situ SV	79 89 100	
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		1.45	B11	B			
		1.80			In-Situ SV	140+ 140+ 140+	
...becoming locally purple-grey and with some mudstone lithorelicts below 2.30m		2.80			In-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.10m		3.10					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands	
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP11
Date: 17/11/2022	Approved: PK		Scale: 1:25	

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.20	J23	J			
Stiff grey-brown silty slightly gravelly CLAY. Gravel is fine to medium and rounded (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey CLAY with large pockets of medium dense brown slightly silty fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60					
		0.85			In-Situ SV	77 78 79	
		1.50	J24	J	Ex-Situ SV	98 112 119	
		1.65					
Very stiff grey CLAY (MERCIA MUDSTONE GROUP)		2.05	B13	B			
		2.50			Ex-Situ SV	140+ 140+ 140+	
							
							
							
							
							
							
End of Trial Pit at 3.30m		3.30					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Client:

Bloor Homes East Midlands

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Plant:

JCB 130 LC+

Drawing No.

TP12

Date:

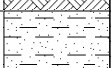
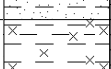
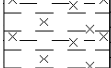
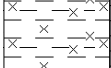
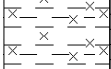
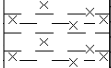
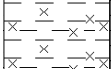
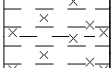
17/11/2022

Approved:

PK

Scale:

1:25

Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.10	J25	J			
Firm grey-brown slightly sandy CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.25					
Stiff grey slightly silty CLAY with occasional small pockets of brown fine to coarse grained sand (UNDIFFERENTIATED DRIFT DEPOSITS)		0.50	J26	J			
...sand pockets becoming less prevalent with increasing depth		0.90			In-Situ SV	90 93 96	
		1.90			Ex-Situ SV	102 105 109	
		2.05	B13	B			
		2.35					
Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.90			Ex-Situ SV	140+ 140+ 140+	
End of Trial Pit at 3.25m		3.25					

Remarks:

- Sides generally stable.
- Slight water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project:

Hinckley Phase 4

Client:

Bloor Homes East Midlands

Logged:

SS

Checked:

SS

Field Book Ref:

SS/18

Plant:

JCB 130 LC+

Drawing No.

TP13

Date:

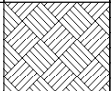
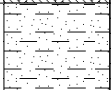
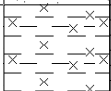
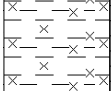
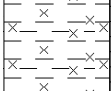
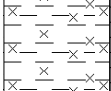
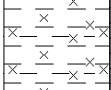
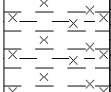
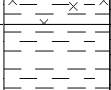
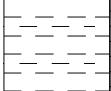
17/11/2022

Approved:

PK

Scale:

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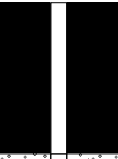
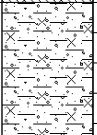
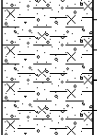
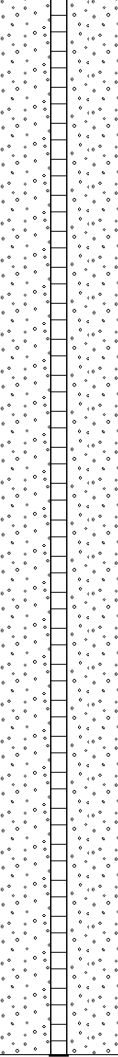
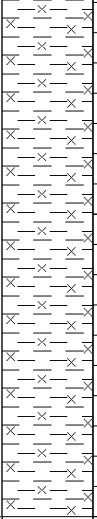
Description of Strata	Legend	Depth (m)	Sample Ref	Sample Type	Field Test Type	Field Test Result	Ground-water
Grey very clayey TOPSOIL (TOPSOIL)		0.15	J27	J			
Stiff grey-brown locally slightly sandy CLAY with rare fine to coarse predominantly rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30					
Stiff grey locally grey-brown silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.60					
...with occasional small pockets of brown fine to coarse grained sand between 0.95m and 1.35m		0.95			In-Situ SV	90 91 99	
		1.40			In-Situ SV	99 102 104	
		2.35	B14	B			
		2.45	J28	J	In-Situ SV	140+	
Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.50				140+	
		2.55				140+	
End of Trial Pit at 3.40m		3.40					

Remarks:

- Sides generally stable.
- Steady water seepages from waterlogged ground at surface.

Key: B = Bulk Sample D = Disturbed Sample W = Water Sample SV = Shear Vane (kN/m²) P = Penetrometer (kN/m²)
J = Jar Sample V = Vial Sample  = Water Strike (m)  = Steady Water Level (m)

Project: Hinckley Phase 4			Client: Bloor Homes East Midlands		
Logged: SS	Checked: SS	Field Book Ref: SS/18	Plant: JCB 130 LC+	Drawing No. TP14	
Date: 17/11/2022	Approved: PK		Scale: 1:25		

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.15	J	J29		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.60	J	J30		Firm to stiff grey-brown silty slightly sandy slightly gravelly CLAY. Gravel is fine to coarse and rounded (UNDIFFERENTIATED DRIFT DEPOSITS) ...sand and gravel absent below 0.65m		0.30			
1.00 - 1.45	C		7	...with a pocket of fine to coarse grained sand at 1.60m		(1.95)			
2.00 - 2.45	C		8			2.25			
3.00 - 3.45	C		9	Stiff grey silty CLAY (UNDIFFERENTIATED DRIFT DEPOSITS) ...with a small pocket of wet silty fine to medium grained sand at 3.40m		(1.75)			
4.00 - 4.45	C		11	End of Borehole at 4.00m		4.00	4.00		

Remarks

1.Borehole cased to 4.00m.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 77kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample
S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

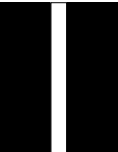
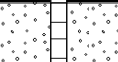
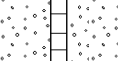
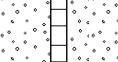
Plant: Competitor Rig

Drawing Ref: WS1

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.20	J	J31		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.45	J	J32		Stiff grey-brown CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30			
				...gravel absent below 0.70m					
				...medium dense brown fine to coarse grained sand pocket between 0.90m and 1.30m					
				...silty below 2.00m		(2.10)			
				Very stiff grey CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.40			
				...becoming locally grey-brown with increasing depth		(1.60)			
				End of Borehole at 4.00m		4.00			

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
▽ = Water Strike (m)
▼ = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

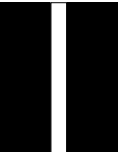
Plant: Competitor Rig

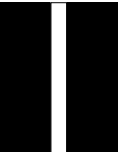
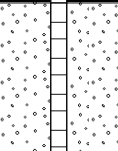
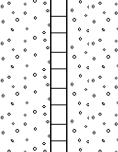
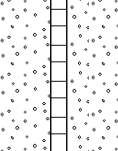
Drawing Ref: WS2

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.10	J	J33		Grey very clayey TOPSOIL (TOPSOIL)		(0.30)			
0.50	J	J34		Stiff grey-brown silty slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)		0.30			
				...sand absent below 0.80m					
						(2.50)			
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									
									

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.20	J	J35		Grey very clayey TOPSOIL (TOPSOIL)		0.25			
0.55	J	J36		Stiff grey-brown silty locally slightly sandy CLAY (UNDIFFERENTIATED DRIFT DEPOSITS)					
				...becoming less sandy with increasing depth		(2.20)			
				...very silty between 2.30m and 2.35m		2.00			
				Very stiff grey locally grey-brown CLAY with occasional mudstone lithorelicts (MERCIA MUDSTONE GROUP)		2.45			
				...lithorelicts becoming more prevalent with increasing depth		(1.55)			
				End of Borehole at 4.00m		4.00			

Remarks

1. Borehole cased to 2.00m as a precautionary measure.
2. No water encountered.
3. Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4. Bung, valve and lockable cover installed.
5. In-situ shear vane value of 93kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref: SS/18

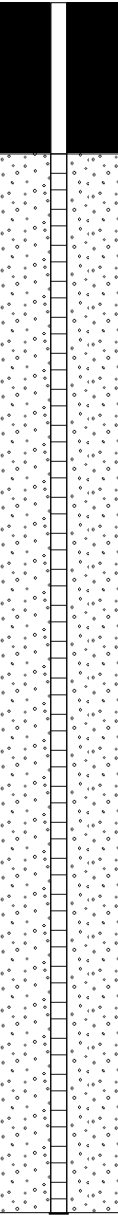
Plant: Competitor Rig

Drawing Ref: WS4

Date: 18/11/2022

Approved: PK

Scale: 1:25

Samples and Tests				Description of Strata	Legend	Depth & (Thickness) (m)	Casing (m)	Ground-water	Installation
Depth (m)	Type	Sample Ref	SPT "N" Value						
0.05	J	J37		Grey very clayey TOPSOIL (TOPSOIL)		0.25			
0.45	J	J38		Stiff grey-brown silty CLAY with rare fine to medium rounded gravel (UNDIFFERENTIATED DRIFT DEPOSITS)		(1.30)			
				...with small pockets of brown fine to coarse grained sand between 1.00m and 1.50m		1.55			
				Stiff grey CLAY (MERCIA MUDSTONE GROUP)		(2.45)	2.00		
				...becoming very stiff and with occasional mudstone lithorelicts below 2.60m		4.00			
				End of Borehole at 4.00m					

Remarks

1.Borehole cased to 2.00m as a precautionary measure.
2.No water encountered.
3.Plain pipe installed from ground level to 0.50m in a bentonite surround. Slotted pipe installed from 0.50m to 4.00m in a gravel surround.
4.Bung, valve and lockable cover installed.
5.In-situ shear vane value of 79kN/m² obtained at 1.00m.

Key

D = Disturbed Sample
U = Undisturbed Sample
B = Bulk Sample
J = Jar Sample
V = Vial Sample
W = Water Sample

S = Standard Penetration Test (Split Spoon)
C = Standard Penetration Test (Cone)
 = Water Strike (m)
 = Steady Water Level (m)

Project: Hinckley Phase 4

Client: Bloor Homes East Midlands

Logged: SS

Checked: SS

Field Book Ref:

Plant: Competitor Rig

Drawing Ref:

Date: 18/11/2022

Approved: PK

SS/18

Scale: 1:25

WS5

APPENDIX IX

Plates



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP1 - completed excavation	Plate No.	1





Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP2 - completed excavation	Plate No. 2	





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP3 - completed excavation	Plate No.	3	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP4 - completed excavation	Plate No.	4	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP5 - completed excavation	Plate No.	5	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP6 - completed excavation	Plate No. 6	





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP7 - completed excavation	Plate No.	7	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP8 - completed excavation	Plate No.	8	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP9 - completed excavation	Plate No. 9	





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP10 - completed excavation	Plate No.	10	



Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP11 - completed excavation	Plate No.	11	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP12 - completed excavation	Plate No. 12	





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	TP13 - completed excavation	Plate No.	13	



Project No.	D42153	Drawn	SJ
Client	Bloor Homes East Midlands	Checked	SS
		Approved	PK
Project	Hinckley Phase 4	Scale	NTS
		Date Drawn	30/11/2022
		Rev.	
Title	TP14 - completed excavation	Plate No. 14	





Project No.	D42153	Drawn	SJ	
Client	Bloor Homes East Midlands	Checked	SS	
		Approved	PK	
Project	Hinckley Phase 4	Scale	NTS	
		Date Drawn	30/11/2022	
		Rev.		
Title	WS1 - Recovered cores	Plate No.	15	