

Envirocheck[®] Report:

Mining and Ground Stability Datasheet

Order Details:

Order Number:

306920749_1_1

Customer Reference:

60684371

National Grid Reference:

517090, 134650

Slice:

A

Site Area (Ha):

2.69

Search Buffer (m):

1000

Site Details:

Biffa Waste Services Ltd
Brookhurst Wood GWC Site
Langhurstwood Road
HORSHAM
RH12 4QD

Client Details:

Dr I Campbell
Aecom Infrastructure & Environment UK Ltd
Royal Court
Basil Close
Chesterfield
Derbyshire
S41 7SL

Report Section and Details	Page Number
Summary	-
<p>The Summary section provides an overview of the data contained within the report, detailing the number of data set features or the existence of a data set in relation to the buffer selected.</p> <p>For ease of reference, the report is broken down into 4 sections of data; Mining and Natural Cavities Data, Historical Land Use Information (1:2,500), Historical Land Use Information (1:10,000) and Ground Stability Data (1:50,000).</p>	
Mining and Natural Cavities Data	1
<p>The Mining and Natural Cavities Data section features data sets related to the existence of mining areas and their potential hazards; and details of naturally formed cavities.</p> <p>Data sets within this section are not plotted, with the exception of BGS Recorded Mineral Sites and Potential Mining Areas which feature on the Historical Land Use Information (1:10,000) map.</p>	
Historical Land Use Information (1:2,500)	3
<p>The Historical Land Use Information (1:2,500) section contains data captured from analysis carried out by Landmark of 1:1,250 and 1:2,500 scale historical Ordnance Survey mapping, identifying areas where, historically, the land uses were potentially contaminative.</p> <p>For the purpose of this Envirocheck module, only historical data relating to mining and ground stability has been included and plotted on the corresponding Historical Land Use Information (1:2,500) map. This section also includes the Subterranean Features data set, which details various man-made and man-used underground spaces obtained from the Subterranea Britannica society.</p>	
Historical Land Use Information (1:10,000)	5
<p>The Historical Land Use (1:10,000) section covers data captured from the systematic analysis carried out by Landmark of 1:10, 560 and 1:10,000 scale historical Ordnance Survey mapping dating back to the mid-19th century, identifying potentially contaminative past industrial land uses.</p> <p>For the purpose of this Envirocheck module, only data relating to mining and ground stability has been included and plotted on the accompanying Historical Land Use Information (1:10,000) map.</p>	
Ground Stability Data (1:50,000)	6
<p>The Ground Stability (1:50,000) section includes the BGS Geosure data suite, reporting features to 250m and plotted onto 3 separate maps. Also reported is brine subsidence, brine mining and salt mining data sets, of which Brine Pumping and Salt Mining Related Features are plotted, and subsidence insurance claims and insurance investigations data, which is not plotted.</p>	
Historical Map List	8
<p>The Historical Map List section details the historical mapping that has been analysed for your site, in relation to the Historical Land Use Information sections.</p>	
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The brine subsidence data relating to the Driotwich 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.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m
Mining and Natural Cavities Data					
BGS Recorded Mineral Sites	pg 1		4	2	3
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities	pg 2				1
Mining Instability	pg 2	Yes	n/a	n/a	n/a
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 2	Yes	Yes	n/a	n/a
Potential Mining Areas					
Historical Land Use Information (1:2,500)					
Extractive Industries or Potential Excavations from 1855-1909 (100m)	pg 3		1	n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)	pg 3		1	n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)	pg 3	3	2	n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)	pg 3	1	3	n/a	n/a
Subterranean Features (100m)				n/a	n/a
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	pg 5	1			2
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 5			1	1
Potentially Infilled Land (Water)	pg 5				6
Ground Stability Data (1:50,000)					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 6	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 7	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Stock Brick Works Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 247351 Type: Opencast Status: Ceased Operator: Sussex & Dorking United Brick Co'S., Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	60	1	517220 134530
2	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Works Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 247352 Type: Opencast Status: Ceased Operator: Sussex & Dorking United Brick Co'S., Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	124	1	517290 134770
3	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Works Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 150477 Type: Opencast Status: Ceased Operator: Sussex & Dorking United Brick Co'S., Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13SE (S)	189	1	517125 134370
4	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Works Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 247350 Type: Opencast Status: Ceased Operator: Sussex & Dorking United Brick Co'S., Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13SE (SE)	220	1	517272 134365
5	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Works Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 247353 Type: Opencast Status: Ceased Operator: Sussex & Dorking United Brick Co'S., Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A13NE (NE)	254	1	517340 134910
6	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brickworks Location: Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 4612 Type: Opencast Status: Ceased Operator: Wienerberger Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A18SE (N)	407	1	517230 135125

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Yard Location: Warnham, Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 150602 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A8NW (S)	554	1	516877 134022
8	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Warnham Brick Works Location: Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 247354 Type: Opencast Status: Active Operator: Wienerberger Ltd. Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Weald Clay Formation Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m</p>	A19SE (NE)	911	1	517920 135245
9	<p>BGS Recorded Mineral Sites</p> <p>Site Name: Holbrook Plantation Pit Location: Horsham, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 150606 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Cretaceous Geology: Horsham Stone Member Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m</p>	A9NE (SE)	972	1	518079 134223
	<p>Coal Mining Affected Areas</p> <p>In an area which may not be affected by coal mining</p>				
	<p>Man Made Mining Cavities</p> <p>Cavity Type: Multiple Bell Pits/Iron Workings Commodity: Iron Solid Geology Detail: Weald Clay Formation Superficial Geology: No Details Detail:</p>	A8NE (SE)	605	2	517400 134000
	<p>Mining Instability</p> <p>Mining Evidence: Inconclusive Iron Ore Mining Source: Ove Arup & Partners Boundary Quality: As Supplied</p>	A13SW (S)	0	3	517092 134646
	<p>Non Coal Mining Areas of Great Britain</p> <p>Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service</p>	A13SW (S)	0	1	517092 134646
	<p>Non Coal Mining Areas of Great Britain</p> <p>Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service</p>	A18SW (N)	246	1	517092 135000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	Extractive Industries or Potential Excavations from 1855-1909 Use: Railway Embankment First Map Published 1875 Date: Last Map Published Not Applicable Date:	A13NW (W)	7	-	517011 134660
11	Extractive Industries or Potential Excavations from 1893-1915 Use: Railway Embankment First Map Published 1897 Date: Last Map Published Not Applicable Date:	A13NW (NW)	7	-	517018 134697
12	Extractive Industries or Potential Excavations from 1906-1937 Use: Brick Works First Map Published 1912 Date: Last Map Published Not Applicable Date:	A13SW (S)	0	-	517092 134646
13	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Deposited Material First Map Published 1912 Date: Last Map Published Not Applicable Date:	A13SW (SW)	0	-	517015 134566
14	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Cutting First Map Published 1912 Date: Last Map Published Not Applicable Date:	A13SW (W)	0	-	517023 134656
15	Extractive Industries or Potential Excavations from 1906-1937 Use: Railway Embankment First Map Published 1912 Date: Last Map Published Not Applicable Date:	A13NW (W)	4	-	517015 134666
16	Extractive Industries or Potential Excavations from 1906-1937 Use: Unspecified Pits First Map Published 1912 Date: Last Map Published Not Applicable Date:	A13SW (S)	72	-	517071 134488
17	Extractive Industries or Potential Excavations from 1950-1980 Use: Brick Works First Map Published 1974 Date: Last Map Published 1976 Date:	A13SW (S)	0	-	517092 134646
18	Extractive Industries or Potential Excavations from 1950-1980 Use: Clay Pit First Map Published 1976 Date: Last Map Published N/A Date:	A13SE (SE)	0	-	517135 134588
19	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Cutting First Map Published 1976 Date: Last Map Published Not Applicable Date:	A13SW (W)	3	-	517013 134649
20	Extractive Industries or Potential Excavations from 1950-1980 Use: Railway Embankment First Map Published 1974 Date: Last Map Published 1976 Date:	A13NW (NW)	4	-	517018 134678

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	Extractive Industries or Potential Excavations from 1950-1980 Use: Pond First Map Published 1976 Date: Last Map Published N/A Date:	A13SE (SE)	77	-	517239 134531

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
22	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1961 - 1991	A13SE (SE)	0	-	517130 134610
23	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1898	A7NE (SW)	536	-	516743 134094
24	Quarrying of sand & clay, operation of sand & gravel pits Use: Not Supplied Date of Mapping: 1880	A8SE (S)	735	-	517177 133823
25	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A8NW (S)	380	-	516984 134181
26	Potentially Infilled Land (Non-Water) Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1993	A7NE (SW)	536	-	516743 134094
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A14NW (E)	524	-	517704 134714
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A14NE (E)	616	-	517796 134730
29	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A18NE (N)	782	-	517271 135503
30	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A19NW (N)	861	-	517434 135537
31	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A7SE (SW)	925	-	516535 133765
32	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A7SE (SW)	940	-	516552 133738

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	CBCSB 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.				
33	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
34	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517092 135000
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	45	1	516966 134688
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	248	1	517005 135000
35	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	45	1	516966 134688
36	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	248	1	517005 135000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517092 135000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517092 135000
37	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
38	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	17	1	517199 134667
39	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	91	1	517256 134542
40	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	110	1	517118 134848
41	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	113	1	517151 134840
42	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	117	1	517043 134871
43	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	147	1	517261 134835
44	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	159	1	517212 134872
45	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	164	1	517184 134885

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	178	1	517160 134907
47	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	184	1	517363 134642
48	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	186	1	517369 134702
49	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	210	1	517370 134803
50	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	225	1	517115 134967
51	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517067 135000
52	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517092 135000
53	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	45	1	516966 134688
54	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	248	1	517005 135000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	112	1	516915 134751
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	246	1	517092 135000
55	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	517092 134646
56	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A18SE (N)	246	1	517100 135000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	16	1	517180 134735
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A18SW (N)	248	1	517092 135000

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








1:2,500	Mapsheet	Published Date
Sussex	002_16	1875
Sussex	002_16	1897
Sussex	002_16	1912
Ordnance Survey Plan	TQ1634	1976
Ordnance Survey Plan	TQ1734	1976

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

1:10,560	Mapsheet	Published Date
Sussex	002_00	1879
Sussex	013_00	1880
Surrey	047_00	1880
Sussex	013_NE	1898
Surrey	047_NE	1898
Sussex	002_SE	1899
Sussex	013_NE	1913
Sussex	002_SE	1914
Surrey	047_NE	1919
Sussex	013_NE	1938
Ordnance Survey Plan	TQ13SE	1961
Ordnance Survey Plan	TQ13NE	1962
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	TQ13NE	1991
Ordnance Survey Plan	TQ13SE	1993

Mining and Cavities Data	Version	Update Cycle
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	November 2022	Bi-Annually
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	Annual Rolling Update
Man Made Mining Cavities Stantec UK Ltd	December 2022	Bi-Annually
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Natural Cavities Stantec UK Ltd	December 2022	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 <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
The Coal Authority	 The Coal Authority
Ove Arup	
Stantec UK Ltd	
Wardell Armstrong	 wardell armstrong <i>your earth our world</i>
Johnson Poole & Bloomer	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
3	Ove Arup & Partners Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
-	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

Historical Land Use Information (1:10,000)

General

- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- 8 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	◆	—	□

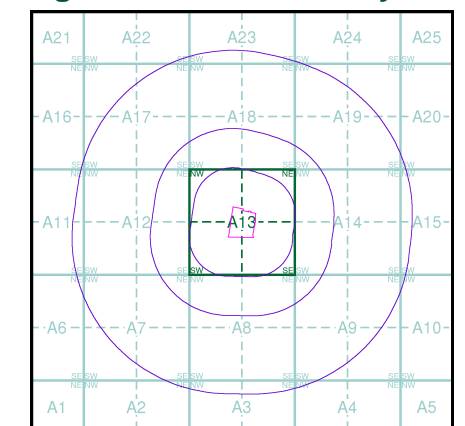
Historical Land Use

	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

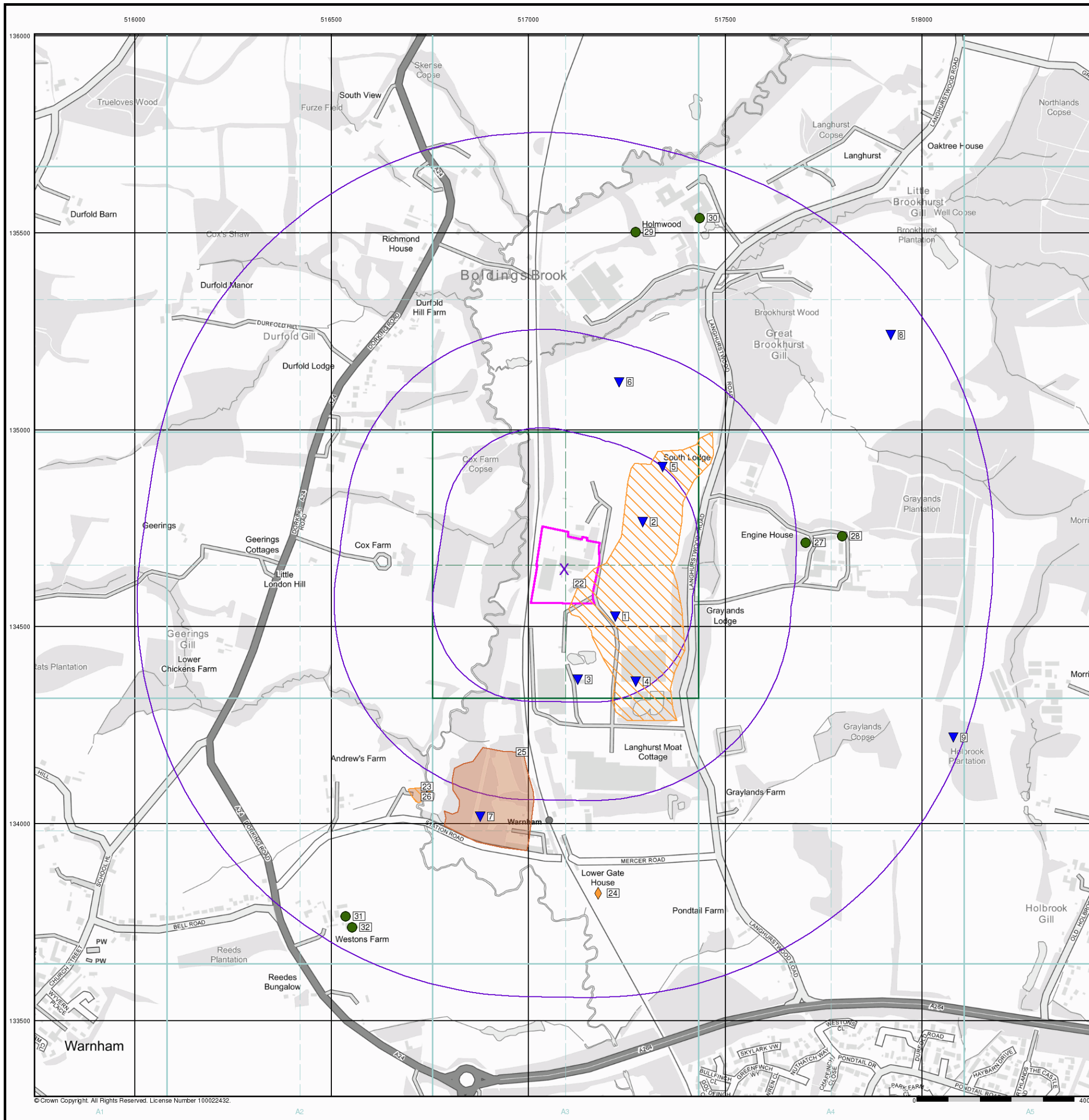


Order Details

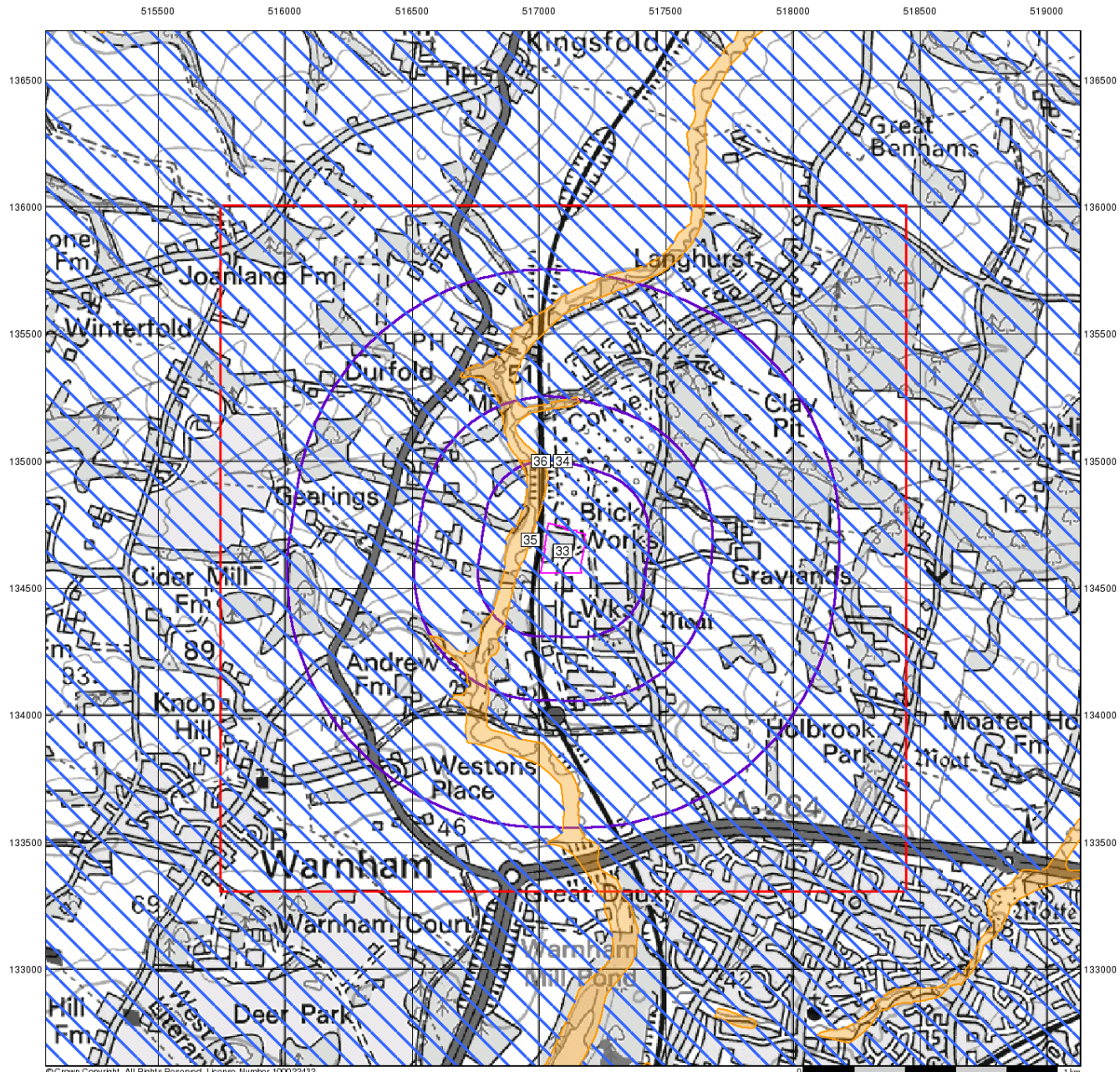
Order Number: 306920749_1_1
 Customer Ref: 60684371
 National Grid Reference: 517090, 134650
 Slice: A
 Site Area (Ha): 2.69
 Search Buffer (m): 1000

Site Details

Biffa Waste Services Ltd, Brookhurst Wood GWC Site,
 Langhurstwood Road, HORSHAM, RH12 4QD



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Ground Stability Data (1:50,000)




General

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

Potential for Compressible Ground Stability Hazards

-  High
-  Low
-  Moderate
-  Very Low

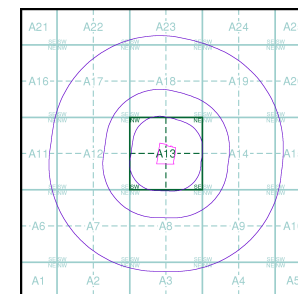
Potential for Collapsible Ground Stability Hazards

-  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: 306920749_1_1
 Customer Ref: 60684371
 National Grid Reference: 517090, 134650
 Slice: A
 Site Area (Ha): 2.69
 Search Buffer (m): 1000

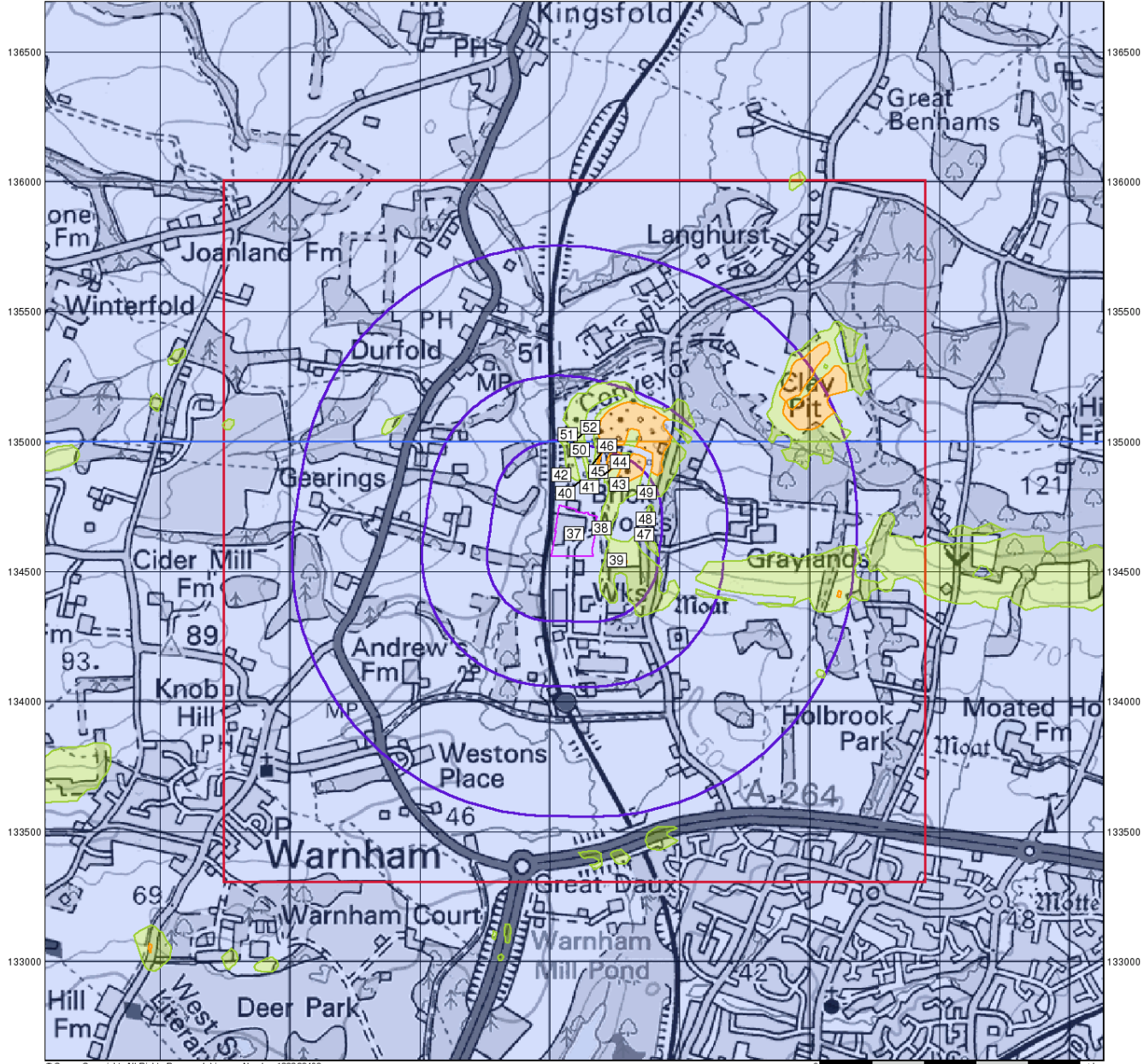
Site Details

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Ground Stability Data (1:50,000)

General

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

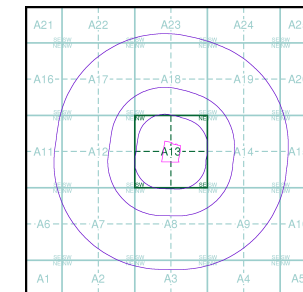
Potential for Landslide Ground Stability Hazards

- High
- Low
- Moderate
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Low
- Moderate
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 306920749_1_1
 Customer Ref: 60684371
 National Grid Reference: 517090, 134650
 Slice: A
 Site Area (Ha): 2.69
 Search Buffer (m): 1000

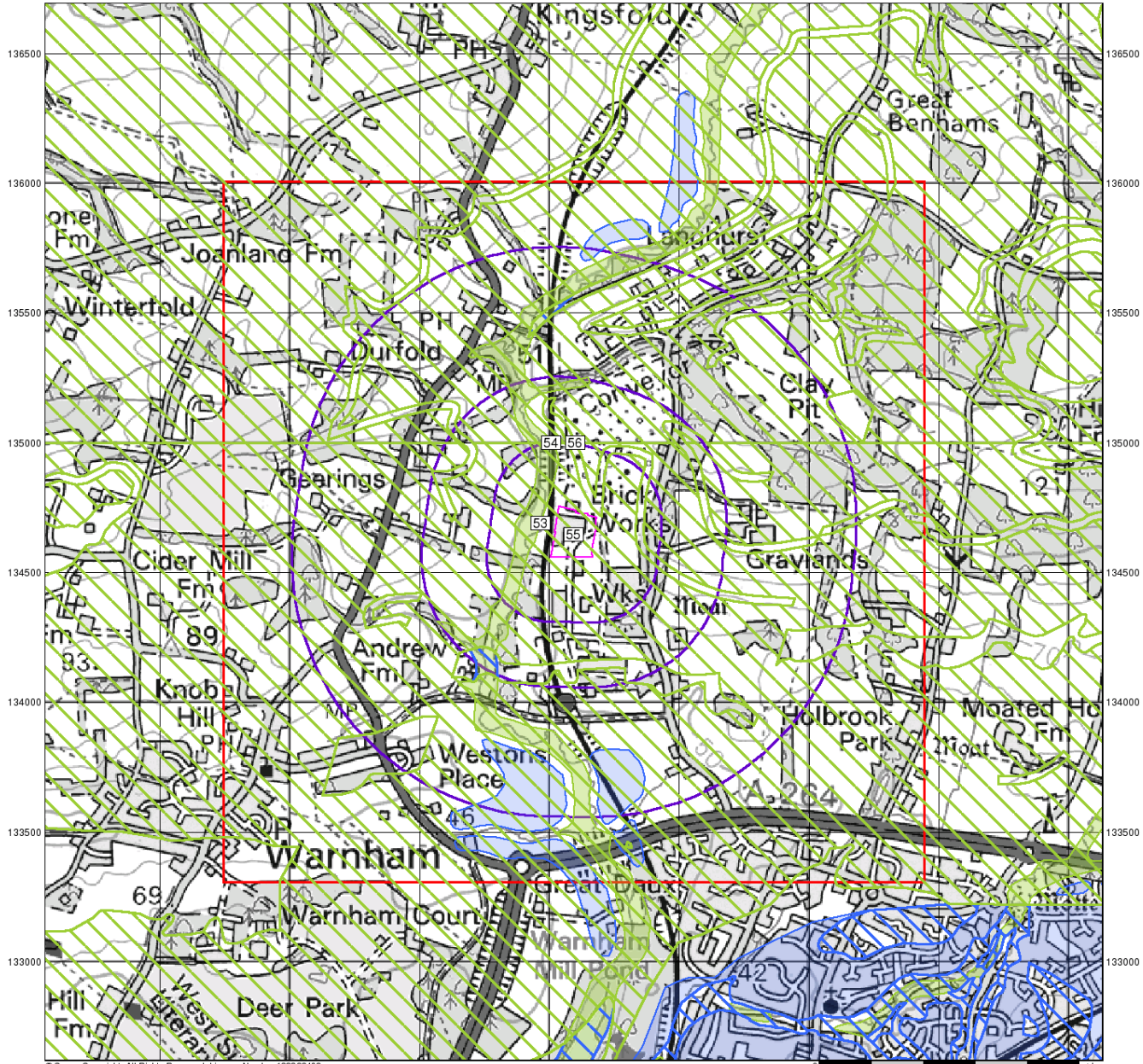
Site Details

Biffa Waste Services Ltd, Brookhurst Wood GWC Site, Langhurstwood Road, HORSHAM, RH12 4QD

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Ground Stability Data (1:50,000)

General

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

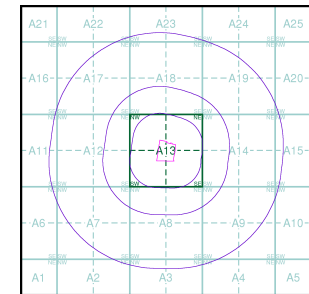
Potential for Running Sand Ground Stability Hazards

- ▭ 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: 306920749_1_1
 Customer Ref: 60684371
 National Grid Reference: 517090, 134650
 Slice: A
 Site Area (Ha): 2.69
 Search Buffer (m): 1000

Site Details

Biffa Waste Services Ltd, Brookhurst Wood GWC Site, Langhurstwood Road, HORSHAM, RH12 4QD

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Historical Land Use Information (1:2,500)

General

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

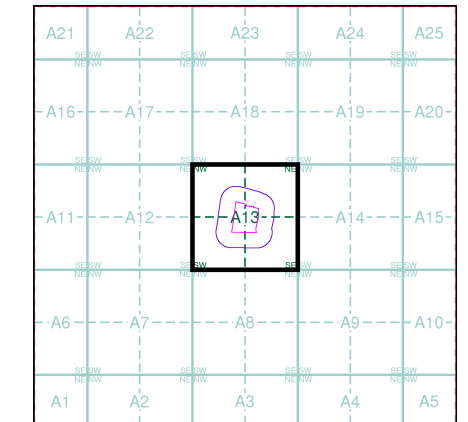
Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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 A13



Order Details

Order Number: 306920749_1_1
 Customer Ref: 60684371
 National Grid Reference: 517090, 134650
 Slice: A
 Site Area (Ha): 2.69
 Plot Buffer (m): 100

Site Details

Biffa Waste Services Ltd, Brookhurst Wood GWC Site,
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