

Appendix A3

Envirocheck Datasheets and Historic Maps

Envirocheck[®] Report: Datasheet

Order Details:

Order Number:

251320392_1_1

Customer Reference:

30004858

National Grid Reference:

495640, 104180

Slice:

B

Site Area (Ha):

132.1

Search Buffer (m):

500

Site Details:

Eastergate Westergate, South

Client Details:

Mr J Barritt

Pell Frischmann

Burrator House

Peninsula Park

Rydon Lane

Exeter

Devon

EX2 7NT

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	12
Hazardous Substances	-
Geological	14
Industrial Land Use	17
Sensitive Land Use	21
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Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination. For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client. In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Agency & Hydrological				
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes
Contaminated Land Register Entries and Notices				
Discharge Consents	pg 2			5
Prosecutions Relating to Controlled Waters			n/a	n/a
Enforcement and Prohibition Notices				
Integrated Pollution Controls				
Integrated Pollution Prevention And Control				
Local Authority Integrated Pollution Prevention And Control				
Local Authority Pollution Prevention and Controls				
Local Authority Pollution Prevention and Control Enforcements				
Nearest Surface Water Feature	pg 3	Yes		
Pollution Incidents to Controlled Waters	pg 4		1	6
Prosecutions Relating to Authorised Processes				
Registered Radioactive Substances				
River Quality				
River Quality Biology Sampling Points				
River Quality Chemistry Sampling Points				
Substantiated Pollution Incident Register	pg 5			1
Water Abstractions				
Water Industry Act Referrals				
Groundwater Vulnerability Map	pg 5	Yes	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 7	3	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a
Superficial Aquifer Designations	pg 8	Yes	n/a	n/a
Source Protection Zones				
Extreme Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a
Flooding from Rivers or Sea without Defences	pg 8		Yes	n/a
Areas Benefiting from Flood Defences				n/a
Flood Water Storage Areas				n/a
Flood Defences				n/a
OS Water Network Lines	pg 9	2	5	12

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Waste				
BGS Recorded Landfill Sites				
Historical Landfill Sites	pg 12		1	
Integrated Pollution Control Registered Waste Sites				
Licensed Waste Management Facilities (Landfill Boundaries)				
Licensed Waste Management Facilities (Locations)				
Local Authority Landfill Coverage	pg 12	2	n/a	n/a
Local Authority Recorded Landfill Sites				
Potentially Infilled Land (Non-Water)	pg 12			2
Potentially Infilled Land (Water)	pg 12		2	14
Registered Landfill Sites				
Registered Waste Transfer Sites				
Registered Waste Treatment or Disposal Sites				
Hazardous Substances				
Control of Major Accident Hazards Sites (COMAH)				
Explosive Sites				
Notification of Installations Handling Hazardous Substances (NIHHS)				
Planning Hazardous Substance Consents				
Planning Hazardous Substance Enforcements				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Geological				
BGS 1:625,000 Solid Geology	pg 14	Yes	n/a	n/a
BGS Estimated Soil Chemistry	pg 14	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 14			1
BGS Urban Soil Chemistry				
BGS Urban Soil Chemistry Averages				
CBSCB Compensation District			n/a	n/a
Coal Mining Affected Areas			n/a	n/a
Mining Instability			n/a	n/a
Man-Made Mining Cavities				
Natural Cavities				
Non Coal Mining Areas of Great Britain				n/a
Potential for Collapsible Ground Stability Hazards	pg 15	Yes	Yes	n/a
Potential for Compressible Ground Stability Hazards				n/a
Potential for Ground Dissolution Stability Hazards	pg 15		Yes	n/a
Potential for Landslide Ground Stability Hazards	pg 15	Yes		n/a
Potential for Running Sand Ground Stability Hazards	pg 15	Yes	Yes	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 15	Yes	Yes	n/a
Radon Potential - Radon Affected Areas	pg 15	Yes	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a
Industrial Land Use				
Contemporary Trade Directory Entries	pg 17		7	14
Fuel Station Entries				
Points of Interest - Commercial Services	pg 18		6	2
Points of Interest - Education and Health				
Points of Interest - Manufacturing and Production	pg 19		4	8
Points of Interest - Public Infrastructure	pg 20			2
Points of Interest - Recreational and Environmental	pg 20			3
Gas Pipelines				
Underground Electrical Cables				

Data Type	Page Number	On Site	0 to 250m	251 to 500m (*up to 1000m)
Sensitive Land Use				
Ancient Woodland				
Areas of Adopted Green Belt				
Areas of Unadopted Green Belt				
Areas of Outstanding Natural Beauty				
Environmentally Sensitive Areas				
Forest Parks				
Local Nature Reserves				
Marine Nature Reserves				
National Nature Reserves				
National Parks				
Nitrate Sensitive Areas				
Nitrate Vulnerable Zones	pg 21	1		
Ramsar Sites				
Sites of Special Scientific Interest				
Special Areas of Conservation				
Special Protection Areas				
World Heritage Sites				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NW)	0	1	495000 104450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (W)	0	1	495500 104177
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	495000 103800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	494550 103050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SW (SE)	0	1	495639 104177
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	0	1	495000 104177
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SW (SW)	0	1	495400 103900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	495250 103850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	494700 103300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	25	1	495000 103500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	30	1	495300 103600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	33	1	494900 103350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (SW)	33	1	495450 104050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (SW)	103	1	495500 104000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NW (S)	107	1	495639 103700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	110	1	495000 103400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	145	1	495000 103350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (E)	160	1	495700 104177
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	165	1	494900 103300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (SW)	168	1	495400 103650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9NE (S)	177	1	495700 103700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (S)	180	1	495400 103600

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	193	1	495000 103300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (S)	199	1	495550 103900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13NE (NE)	210	1	495800 104300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (S)	225	1	495450 103700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (E)	241	1	495850 104177
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (S)	252	1	495450 103650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B9NW (S)	266	1	495500 103700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SW (S)	268	1	495650 103900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (SE)	268	1	495750 104100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	286	1	495250 103300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B13SE (S)	310	1	495700 104000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (SE)	352	1	495800 104000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	413	1	495050 103100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B9SW (S)	455	1	495639 103550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B14NW (NE)	462	1	496050 104350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B13SE (SE)	480	1	495950 104000
1	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Marshall Close Cso - Barnham Marshall Close Cso, Marshall Close, Barnham, West Sussex, PO22 0DQ Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: A01121 Permit Version: 1 Effective Date: 8th March 2001 Issued Date: 8th March 2001 Revocation Date: Not Supplied Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Barnham Rife Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	B13NE (E)	332	2	495920 104280

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: D.J. Brookwell Esq. Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: Housing Estate At Elm Grove Sout, Barnham,, Bognor Regis, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Supplied Reference: S01048 Permit Version: 1 Effective Date: 13th July 1964 Issued Date: 13th July 1964 Revocation Date: 1st July 1991 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 10m	B17SW (NW)	413	2	495350 104750
3	Discharge Consents Operator: West Sussex County Council Property Type: CONSTRUCTION OF BUILDINGS Location: Res. Dev. At Dial House, Adj Amey Concrete Wks, Barnham, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S02010 Permit Version: 1 Effective Date: 10th June 1971 Issued Date: 10th June 1971 Revocation Date: 31st March 1997 Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	419	2	496000 104400
3	Discharge Consents Operator: Sussex Court (Barnham) Management Property Type: Undefined Or Other Location: Old Cattle Market Site, Barnham, Bognor Regis, West Sussex Authority: Environment Agency, Southern Region Catchment Area: Not Given Reference: S01879 Permit Version: 1 Effective Date: 11th December 1969 Issued Date: 11th December 1969 Revocation Date: Not Supplied Discharge Type: Discharge Of Other Matter-Surface Water Discharge: Freshwater Stream/River Environment: Receiving Water: Freshwater River Status: Pre National Rivers Authority Legislation where issue date < 01/09/1989 Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	434	2	496010 104430
4	Discharge Consents Operator: Southern Water Services Ltd (S) Property Type: STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Location: Cso Jct Elm Grove & Barnham Rd Storm Water Overflow, Elm Grove, Barnham, West Sussex, Po22 0h Authority: Environment Agency, Southern Region Catchment Area: Aldingbourne/Barnham Rife Reference: S01499 Permit Version: 1 Effective Date: 14th September 1966 Issued Date: 14th September 1966 Revocation Date: 8th July 2005 Discharge Type: Public Sewage: Storm Sewage Overflow Discharge: Freshwater Stream/River Environment: Receiving Water: Aldingbourne And Barnham Rife Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m	B17SW (N)	458	2	495580 104800
	Nearest Surface Water Feature	B13NW (NW)	0	-	495353 104337

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	Pollution Incidents to Controlled Waters Property Type: Other General Premises Location: Rear Of Nat West/Lloyds Bank, BARNHAM Authority: Environment Agency, Southern Region Pollutant: Oils - Other Oil Note: Possible Oil Pollution Of S/W Drains Incident Date: 1st February 1993 Incident Reference: 568 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	241	2	495800 104450
6	Pollution Incidents to Controlled Waters Property Type: Water Company Sewage: Other Location: Barnham Rife, Tars Farm, Church Lane Authority: Environment Agency, Southern Region Pollutant: Crude Sewage Note: Surcharging Manhole; Water Company Sewage: Combined Sewer Overflow Incident Date: 30th January 1994 Incident Reference: 852 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Water Company STW Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13SE (E)	296	2	495820 104130
7	Pollution Incidents to Controlled Waters Property Type: WSC Sewage, Sewerage & Supply Location: Location Description Not Available, BARNHAM, West Sussex Authority: Environment Agency, Southern Region Pollutant: General Biodegradable : Crude Sewage & Sewerage Material Note: Not Supplied Incident Date: 5th December 1999 Incident Reference: 3954 Catchment Area: Arun Receiving Water: Potential River Cause of Incident: Drainage Failures : Foul Sewer Failure Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 10m	B13NE (NE)	412	2	496000 104350
8	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Rear Of 2 Dial Close, BARNHAM Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil In Stream; Petrol/Fuelling Stations Incident Date: 12th October 1994 Incident Reference: 1080 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	418	2	496000 104395
8	Pollution Incidents to Controlled Waters Property Type: Industrial: Other Location: Barnham Rife, Yapton Road Culvert Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil Pollution Incident Date: 14th January 1993 Incident Reference: 579 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Oils/Related Products Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	427	2	496000 104440
8	Pollution Incidents to Controlled Waters Property Type: Not Given Location: Barnham Rife, U/S Railway Line Authority: Environment Agency, Southern Region Pollutant: Oils - Diesel (Including Agricultural) Note: Oil On The Surface Of The Water Incident Date: 1st April 1993 Incident Reference: 626 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Organic Industrial Waste Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	429	2	496000 104450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
9	Pollution Incidents to Controlled Waters Property Type: Miscellaneous Premises: Other Location: Barnham Rife Authority: Environment Agency, Southern Region Pollutant: Chemicals - Unknown Note: Swimming Pool Emptied Into W/C - Smells Of Chlorine Incident Date: 29th March 1998 Incident Reference: 2480 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Miscellaneous/Other Pollution Type Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	B13NE (NE)	444	2	496000 104500
10	Substantiated Pollution Incident Register Authority: Environment Agency - Southern Region, Solent and South Downs Incident Date: 22nd January 2003 Incident Reference: 132765 Water Impact: Category 3 - Minor Incident Air Impact: Category 3 - Minor Incident Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils And Fuel: Mixed/Waste Oils	B13NE (NE)	414	2	495982 104459
	Groundwater Vulnerability Map Combined Classification: Secondary Bedrock Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(SW)	0	3	495000 103520
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(SW)	0	3	495000 103396
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial Patchiness: >90% Superficial Thickness: 3-10m Superficial Recharge: High	(SW)	0	3	495000 103497

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Productive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial Medium Recharge:	(SW)	0	3	495000 103000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	(W)	0	3	495000 104000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - Medium Vulnerability Combined Vulnerability: Medium Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial <3m Thickness: Superficial High Recharge:	B13SW (SW)	0	3	495374 104000
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial 3-10m Thickness: Superficial High Recharge:	(W)	0	3	495000 104177

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Classification: Secondary Superficial Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Unproductive Bedrock Aquifer, Productive Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	B13SW (SE)	0	3	495639 104177
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	(SW)	0	3	495000 103607
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: Superficial: <3m Thickness: Superficial: High Recharge:	B13SW (SW)	0	3	495411 104000
	Groundwater Vulnerability Map Combined Classification: Unproductive Aquifer (may have productive aquifer beneath) Combined Vulnerability: Unproductive Combined Aquifer: Unproductive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: High Bedrock Flow: Mixed Dilution: 300-550 mm/year Baseflow Index: >70% Superficial: >90% Patchiness: Superficial: 3-10m Thickness: Superficial: High Recharge:	B13SE (SE)	0	3	495701 104122
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	(SW)	0	3	495000 103000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	(W)	0	3	495000 104000
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Problems Unlikely	B13SW (S)	0	3	495639 104000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(SW)	0	3	495000 103520

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	(W)	0	3	495000 104177
	Bedrock Aquifer Designations Aquifer Designation: Unproductive Strata	B13SW (SE)	0	3	495639 104177
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	(SW)	0	3	495000 103396
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W)	0	3	495000 104177
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	B13SW (SE)	0	3	495639 104177
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B13SE (SE)	32	2	495750 104116
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B13SE (SE)	78	2	495778 104041
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial/Tidal Models Boundary Accuracy: As Supplied	B13SE (SE)	80	2	495778 104041
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	(SW)	195	2	495341 103664
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	202	2	495353 103669
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	208	2	495352 103657
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	213	2	495367 103671
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	215	2	495367 103665
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	220	2	495374 103665
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	221	2	495376 103669
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	223	2	495383 103669
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	223	2	495382 103675
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	228	2	495392 103673

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	231	2	495393 103677
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Tidal Models Boundary Accuracy: As Supplied	B9NW (SW)	232	2	495401 103677
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (SW)	232	2	495430 103691
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B13SW (S)	245	2	495670 103928
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	B9NW (S)	249	2	495412 103585
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (SW)	0	4	495397 104063
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 266.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (W)	0	4	495383 104089
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 214.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (SW)	24	4	495436 104021
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 166.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (SW)	38	4	495401 104043
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 475.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (SW)	61	4	495426 103671

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (SE)	148	4	495647 104174
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SW (SW)	189	4	495489 103902
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (SW)	262	4	495426 103671
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 111.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (S)	262	4	495532 103693
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 120.8 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (S)	275	4	495533 103813
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 439.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SE (E)	313	4	495831 104110
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 282.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13SE (S)	331	4	495703 103966
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (S)	339	4	495611 103742
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13NE (NE)	349	4	495939 104320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13NE (NE)	349	4	495939 104320
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 94.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13NE (NE)	357	4	495947 104325
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B9NW (S)	379	4	495614 103744
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B13NE (NE)	410	4	495992 104397
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 218.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: West Streams Primacy: 1	B5NW (S)	474	4	495359 103189

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Historical Landfill Sites Licence Holder: Not Supplied Location: Barnham, Sussex Name: Disused Canal at Barnham Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD20083 First Input Date: 31st December 1970 Last Input Date: 31st December 1970 Specified Waste: Deposited Waste included Inert Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 3800/8225 BGS Ref: Not Supplied Other Ref: WD27/023	B9SW (S)	95	2	495365 103458
	Local Authority Landfill Coverage Name: Arun District Council - Has no landfill data to supply		0	5	495639 104177
	Local Authority Landfill Coverage Name: West Sussex County Council - Has supplied landfill data		0	6	495639 104177
31	Potentially Infilled Land (Non-Water) Bearing Ref: N Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	B17SW (N)	358	-	495443 104699
32	Potentially Infilled Land (Non-Water) Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1992	B9NW (S)	364	-	495570 103694
33	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B13NE (NE)	231	-	495769 104481
34	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B13NE (N)	234	-	495731 104524
35	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	B13NE (NE)	290	-	495853 104453
36	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B13NE (NE)	291	-	495859 104509
37	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	304	-	495518 104645
38	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	333	-	495522 104690
39	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	B13NE (NE)	333	-	495904 104530
40	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	B9NW (S)	341	-	495497 103634
41	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	347	-	495638 104685
42	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	352	-	495633 104691
43	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B13NE (NE)	385	-	495970 104369
44	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SE (N)	424	-	495805 104704

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	431	-	495593 104773
46	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SW (N)	458	-	495585 104800
47	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1899	B17SE (NE)	463	-	495924 104657
48	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1880	B17SE (NE)	465	-	495948 104643

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Thames Group	B13SW (SE)	0	1	495639 104177
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	B9SE (S)	0	1	495826 103549
	BGS 1:625,000 Solid Geology Description: Lambeth Group	B9NE (S)	0	1	495758 103876
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	B13NW (N)	0	1	495639 104500
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B13SW (SE)	0	1	495639 104177
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9NW (S)	34	1	495588 103785
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	B9NE (S)	475	1	495804 103776
49	BGS Recorded Mineral Sites Site Name: West Barnham Brick Field Location: Barnham, Bognor Regis, West Sussex Source: British Geological Survey, National Geoscience Information Service Reference: 157619 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: River Terrace Deposits (Undifferentiated) Commodity: Common Clay and Shale Positional Accuracy: Located by supplier to within 10m	B17SW (NW)	424	1	495396 104763
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495659 104148
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SE (SE)	161	1	495974 104012
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B9NW (S)	118	1	495563 103713
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495659 104148
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SE (SE)	161	1	495974 104012
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	B9NW (S)	11	1	495588 103785
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B9NW (S)	118	1	495563 103713
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B13SW (SW)	0	1	495401 103897
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B13SW (W)	0	1	495426 104147
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B13SW (SW)	0	1	495401 103897
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B13SW (W)	0	1	495426 104147

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	B13SW (SE)	0	1	495639 104177

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50	Contemporary Trade Directory Entries Name: Headway Engineering Location: 2, Railway View, Gospond Road, Barnham, Bognor Regis, West Sussex, PO22 0EX Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B13NW (N)	48	-	495571 104390
51	Contemporary Trade Directory Entries Name: Flint Garage Location: Rear of 45, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ER Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	B13NE (N)	170	-	495724 104440
51	Contemporary Trade Directory Entries Name: Alan Pearse Location: Rear of 45, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ER Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	B13NE (N)	191	-	495738 104458
51	Contemporary Trade Directory Entries Name: Corralls Location: 31, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ER Classification: Coal & Smokeless Fuel Merchants & Distributors Status: Inactive Positional Accuracy: Automatically positioned to the address	B13NE (NE)	195	-	495761 104427
51	Contemporary Trade Directory Entries Name: Barnham Garage Location: 39, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ER Classification: Garage Services Status: Inactive Positional Accuracy: Manually positioned to an adjacent address or location	B13NE (NE)	207	-	495759 104455
51	Contemporary Trade Directory Entries Name: Barnham Car Centre Location: 1, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ER Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	B13NE (NE)	221	-	495791 104420
52	Contemporary Trade Directory Entries Name: D A U Components Location: 70, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ES Classification: Electronic Component Manufacturers & Distributors Status: Active Positional Accuracy: Automatically positioned to the address	B13NE (N)	237	-	495768 104494
53	Contemporary Trade Directory Entries Name: Barnham Hardware Location: 30 Barnham Rd, Barnham, Bognor Regis, West Sussex, PO22 0ES Classification: Hardware Status: Inactive Positional Accuracy: Manually positioned within the geographical locality	B13NE (NE)	289	-	495855 104444
54	Contemporary Trade Directory Entries Name: Penfold Metalising Co Ltd Location: 4, Barnham Road, Barnham, Bognor Regis, PO22 0ES Classification: Blast Cleaning Status: Active Positional Accuracy: Automatically positioned to the address	B13NE (NE)	382	-	495953 104444
54	Contemporary Trade Directory Entries Name: Blue Riband Pools Location: 2, Barnham Road, Barnham, Bognor Regis, West Sussex, PO22 0ES Classification: Swimming Pool Contractors, Repairers & Service Status: Inactive Positional Accuracy: Manually positioned to the address or location	B13NE (NE)	410	-	495977 104461
55	Contemporary Trade Directory Entries Name: Elm Lodge Beauty Studio Location: 1, Elm Grove South, Barnham, Bognor Regis, West Sussex, PO22 0EJ Classification: Electrolysis Status: Inactive Positional Accuracy: Automatically positioned to the address	B17SW (N)	419	-	495564 104761

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	Contemporary Trade Directory Entries Name: Total Power Systems Ltd Location: 12, Oriel Close, Barnham, Bognor Regis, West Sussex, PO22 0HN Classification: Generators - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	B17SE (N)	437	-	495717 104759
57	Contemporary Trade Directory Entries Name: Naiad Tools Location: The Work Shop, Church La, Barnham, Bognor Regis, West Sussex, PO22 0BP Classification: Mould Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	B9NE (S)	457	-	495689 103718
57	Contemporary Trade Directory Entries Name: Aztech Precision Ltd Location: Church La, Barnham, Bognor Regis, West Sussex, PO22 0BP Classification: Plastics - Injection Moulding Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location	B9NE (S)	458	-	495687 103713
58	Contemporary Trade Directory Entries Name: Susie Holmes Consulting Ltd Location: Bankside, Church Lane, Barnham, Bognor Regis, West Sussex, PO22 0DG Classification: Horticultural Equipment Maintenance & Repair Status: Active Positional Accuracy: Automatically positioned to the address	B14SW (E)	481	-	496051 104179
59	Contemporary Trade Directory Entries Name: Robinsons Haulage Location: Lake Lane, Barnham, Bognor Regis, PO22 0JA Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address	B14NW (NE)	484	-	496070 104376
59	Contemporary Trade Directory Entries Name: Robinsons Location: Lake Lane, Barnham, Bognor Regis, West Sussex, PO22 0JA Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	B14NW (NE)	484	-	496070 104376
59	Contemporary Trade Directory Entries Name: I E Transport Ltd Location: Lake Lane, Barnham, Bognor Regis, West Sussex, PO22 0JA Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	B14NW (NE)	484	-	496070 104376
59	Contemporary Trade Directory Entries Name: Robinsons Garden Machinery Location: Lake Lane, Barnham, Bognor Regis, West Sussex, PO22 0JA Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	B14NW (NE)	484	-	496070 104376
59	Contemporary Trade Directory Entries Name: Robinsons Garden Machinery Location: Lake Lane, Barnham, Bognor Regis, West Sussex, PO22 0JA Classification: Lawnmowers & Garden Machinery - Sales & Service Status: Inactive Positional Accuracy: Automatically positioned to the address	B14NW (NE)	484	-	496070 104376
60	Contemporary Trade Directory Entries Name: Brian Barbary Location: 30, Elm Grove South, Barnham, Bognor Regis, West Sussex, PO22 0EL Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	B17SW (N)	494	-	495397 104833
61	Points of Interest - Commercial Services Name: Headway Engineering Location: 2 Railway View, Gospond Road, Barnham, Bognor Regis, PO22 0EX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NW (N)	48	7	495571 104390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	Points of Interest - Commercial Services Name: Headway Engineering Location: 2 Railway View, Gospond Road, Barnham, Bognor Regis, PO22 0EX Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NW (N)	48	7	495571 104390
62	Points of Interest - Commercial Services Name: Alan Pearce Location: 45 Barnham Road, Barnham, Bognor Regis, PO22 0ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NE (N)	149	7	495698 104439
62	Points of Interest - Commercial Services Name: Flint Garage Location: Rear of 45, Barnham Road, Barnham, Bognor Regis, PO22 0ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NE (N)	170	7	495724 104440
62	Points of Interest - Commercial Services Name: Barnham Garage Location: 45 Barnham Road, Barnham, Bognor Regis, PO22 0ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NE (N)	194	7	495741 104459
62	Points of Interest - Commercial Services Name: Alan Pearce Location: 45 Barnham Road, Barnham, Bognor Regis, PO22 0ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NE (N)	194	7	495741 104459
63	Points of Interest - Commercial Services Name: Flint Garage Location: 7-9 Barnham Road, Barnham, Bognor Regis, PO22 0ER Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	B13NE (NE)	290	7	495871 104395
64	Points of Interest - Commercial Services Name: Robinsons Haulage Location: Lake Lane, Barnham, Bognor Regis, PO22 0JA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	B14NW (NE)	484	7	496070 104376
65	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NW (N)	99	7	495676 104381
65	Points of Interest - Manufacturing and Production Name: Works Location: PO22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (N)	105	7	495682 104382
65	Points of Interest - Manufacturing and Production Name: Works Location: PO22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (N)	160	7	495699 104455
65	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (N)	161	7	495700 104455
66	Points of Interest - Manufacturing and Production Name: The Cottage Piggeries Location: PO22 Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	B13SE (E)	331	7	495866 104135

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
67	Points of Interest - Manufacturing and Production Name: Works Location: PO22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	B13NE (NE)	367	7	495940 104434
67	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (NE)	370	7	495943 104435
67	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (NE)	398	7	495974 104426
67	Points of Interest - Manufacturing and Production Name: Tank Location: PO22 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	B13NE (NE)	399	7	495972 104440
67	Points of Interest - Manufacturing and Production Name: Works Location: PO22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to address or location	B13NE (NE)	403	7	495979 104428
67	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	B13NE (NE)	421	7	495990 104455
68	Points of Interest - Manufacturing and Production Name: Computer Power Protection Location: 12 Oriel Close, Barnham, Bognor Regis, PO22 0HN Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to address or location	B17SE (N)	437	7	495717 104759
69	Points of Interest - Public Infrastructure Name: Barnham Rail Station Location: Barnham Road, PO22 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	B13NE (NE)	274	7	495862 104343
69	Points of Interest - Public Infrastructure Name: Barnham Station Location: Barnham Road, PO22 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	B13NE (NE)	274	7	495862 104343
70	Points of Interest - Recreational and Environmental Name: Playground Location: Saxby Close, PO22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	B13NE (NE)	302	7	495861 104465
71	Points of Interest - Recreational and Environmental Name: Playground Location: The Cedars, PO22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	B17SE (N)	342	7	495711 104660
72	Points of Interest - Recreational and Environmental Name: Play Area Location: PO22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	B13NE (E)	345	7	495931 104264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
73	Nitrate Vulnerable Zones Name: Aldingbourne Rife Nvz Description: Surface Water Source: Environment Agency, Head Office	B13SW (SE)	0	3	495639 104177

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Arun District Council - Environmental Health Department Environment Agency - Head Office	December 2019 June 2020	Annual Rolling Update Annually
Discharge Consents Environment Agency - Southern Region	April 2020	Quarterly
Enforcement and Prohibition Notices Environment Agency - Southern Region	March 2013	Annual Rolling Update
Integrated Pollution Controls Environment Agency - Southern Region	October 2008	Variable
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region	April 2020 April 2020	Quarterly Quarterly
Local Authority Integrated Pollution Prevention And Control Arun District Council - Environmental Health Department	December 2014	Variable
Local Authority Pollution Prevention and Controls Arun District Council - Environmental Health Department	December 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements Arun District Council - Environmental Health Department	December 2014	Variable
Nearest Surface Water Feature Ordnance Survey	May 2020	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region	December 1999	Not Applicable
Prosecutions Relating to Authorised Processes Environment Agency - Southern Region	March 2013	Annual Rolling Update
Prosecutions Relating to Controlled Waters Environment Agency - Southern Region	March 2013	Annual Rolling Update
Registered Radioactive Substances Environment Agency - Southern Region	June 2016	
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	July 2012	Annually
River Quality Chemistry Sampling Points Environment Agency - Head Office	July 2012	Annually
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2020 April 2020 April 2020	Quarterly Quarterly Quarterly
Water Abstractions Environment Agency - Southern Region	April 2020	Quarterly
Water Industry Act Referrals Environment Agency - Southern Region	October 2017	Quarterly
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually

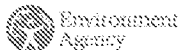
Agency & Hydrological	Version	Update Cycle
Source Protection Zones Environment Agency - Head Office	October 2019	Quarterly
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	June 2020	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	June 2020	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	June 2020	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	June 2020	Quarterly
Flood Defences Environment Agency - Head Office	June 2020	Quarterly
OS Water Network Lines Ordnance Survey	March 2020	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	October 2013	Annually
Surface Water Suitability Environment Agency - Head Office	October 2013	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Historical Landfill Sites Environment Agency - Head Office	October 2019	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - Southern Region	October 2008	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2020 April 2020 April 2020	Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	April 2020 April 2020 April 2020	Quarterly Quarterly Quarterly
Local Authority Landfill Coverage Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development	May 2000 May 2000	Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development	May 2000 May 2000	Not Applicable Not Applicable
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	Not Applicable
Registered Landfill Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Registered Waste Treatment or Disposal Sites Environment Agency - Southern Region - Solent and South Downs Environment Agency - Southern Region - Sussex Area	March 2003 March 2003	Not Applicable Not Applicable
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development	February 2016 October 2006	Variable Annual Rolling Update
Planning Hazardous Substance Consents Arun District Council - Technical Support Unit West Sussex County Council - Environment & Development	February 2016 October 2006	Variable Annual Rolling Update

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	October 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	June 2020	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	Annual Rolling Update
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	April 2020	Quarterly
Fuel Station Entries Catalist Ltd - Experian	June 2020	Quarterly
Gas Pipelines National Grid	July 2014	
Points of Interest - Commercial Services PointX	June 2020	Quarterly
Points of Interest - Education and Health PointX	June 2020	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2020	Quarterly
Points of Interest - Public Infrastructure PointX	June 2020	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2020	Quarterly
Underground Electrical Cables National Grid	October 2019	

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	April 2020	Bi-Annually
Areas of Adopted Green Belt Arun District Council - Technical Support Unit South Downs National Park	June 2020 June 2020	As notified As notified
Areas of Unadopted Green Belt Arun District Council - Technical Support Unit South Downs National Park	June 2020 June 2020	As notified As notified
Areas of Outstanding Natural Beauty Natural England	June 2019	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	April 2020	Bi-Annually
Marine Nature Reserves Natural England	July 2019	Bi-Annually
National Nature Reserves Natural England	July 2019	Bi-Annually
National Parks Natural England	April 2017	Bi-Annually
Nitrate Sensitive Areas Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones Environment Agency - Head Office Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	December 2017 October 2015	Bi-Annually
Ramsar Sites Natural England	April 2019	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2020	Bi-Annually
Special Areas of Conservation Natural England	June 2019	Bi-Annually
Special Protection Areas Natural England	April 2019	Bi-Annually

A selection of organisations who provide data within this report

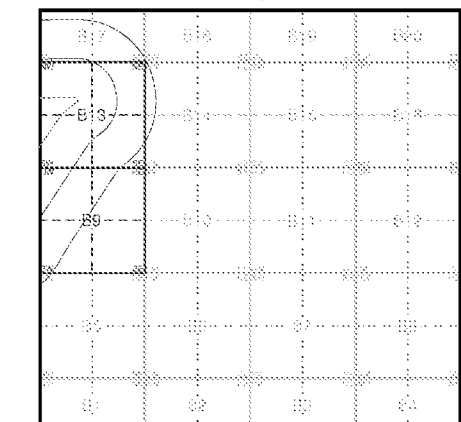
Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 British Geological Survey NATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	 Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	
3	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	
5	Arun District Council - Technical Support Unit Civic Centre, Maltravers Road, Littlehampton, Sussex, BN17 5LF	
6	West Sussex County Council - Environment & Development County Hall, Tower hall, Chichester, West Sussex, PO19 1RH	
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	
-	Landmark Information Group Limited Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.

General		
△ Specified Site	○ Specified Buffer(s)	X Bearing Reference Point
□ Several of Type at Location		8 Map ID
Agency and Hydrological		Waste
● Contaminated Land Register Entry or Notice (Location)	▽ BGS Recorded Landfill Site (Location)	▽ BGS Recorded Landfill Site
□ Contaminated Land Register Entry or Notice	● EA Historic Landfill (Buffered Point)	● EA Historic Landfill (Polygon)
◆ Discharge Consent	▲ Integrated Pollution Control Registered Waste Site	▲ Integrated Pollution Control Registered Waste Site (Landfill Boundary)
▲ Enforcement or Prohibition Notice	● Licensed Waste Management Facility (Location)	● Licensed Waste Management Facility (Location)
▲ Integrated Pollution Control	● Local Authority Recorded Landfill Site (Location)	● Local Authority Recorded Landfill Site
■ Integrated Pollution Prevention Control	● Local Authority Pollution Prevention and Control Enforcement	● Local Authority Pollution Prevention and Control Enforcement
■ Local Authority Integrated Pollution Prevention and Control	● Pollution Incident to Controlled Waters	● Potentially Infilled Land (Non-water)
▲ Local Authority Pollution Prevention and Control	▽ Prosecution Relating to Authorised Processes	▽ Potentially Infilled Land (Non-water)
▽ Local Authority Pollution Prevention and Control Enforcement	◇ Prosecution Relating to Controlled Waters	◇ Potentially Infilled Land (Non-water)
● Pollution Incident to Controlled Waters	▲ Registered Radioactive Substance	▲ Potentially Infilled Land (Water)
▽ Prosecution Relating to Authorised Processes	— River Network or Water Feature	— Potentially Infilled Land (Water)
◇ Prosecution Relating to Controlled Waters	✱ River Quality Sampling Point	✱ Potentially Infilled Land (Water)
▲ Registered Radioactive Substance	● Substantiated Pollution Incident Register	● Registered Landfill Site
— River Network or Water Feature	◇ Water Abstraction	◇ Registered Landfill Site (Location)
✱ River Quality Sampling Point	◇ Water Industry Act Referral	◇ Registered Landfill Site (Point Buffered to 100m)
● Substantiated Pollution Incident Register	Hazardous Substances	◇ Registered Landfill Site (Point Buffered to 250m)
◇ Water Abstraction	✱ COMAH Site	◇ Registered Waste Transfer Site (Location)
◇ Water Industry Act Referral	✱ Explosive Site	◇ Registered Waste Transfer Site
Hazardous Substances	✱ NIHS Site	◇ Registered Waste Treatment or Disposal Site (Location)
✱ COMAH Site	✱ Planning Hazardous Substance Consent	◇ Registered Waste Treatment or Disposal Site
✱ Explosive Site	✱ Planning Hazardous Substance Enforcement	
✱ NIHS Site	Geological	
✱ Planning Hazardous Substance Consent	▽ BGS Recorded Mineral Site	
✱ Planning Hazardous Substance Enforcement		

Site Sensitivity Map - Slice B



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South



Industrial Land Use Map

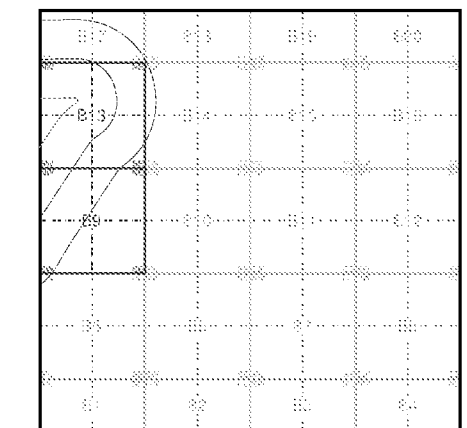
General

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

Industrial Land Use

- ★ Contemporary Trade Directory Entry
- ★ Fuel Station Entry
- Gas Pipeline
- ★ Points of Interest - Commercial Services
- ★ Points of Interest - Education and Health
- ★ Points of Interest - Manufacturing and Production
- ★ Points of Interest - Public Infrastructure
- ★ Points of Interest - Recreational and Environmental
- Underground Electrical Cables

Industrial Land Use Map - Slice B



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South



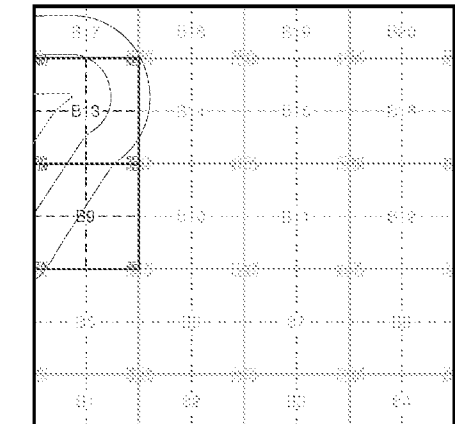
General

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

Agency and Hydrological (Flood)

- Extreme Flooding from Rivers or Sea without Defences (Zone 2)
- Flooding from Rivers or Sea without Defences (Zone 3)
- ▨ Area Benefiting from Flood Defence
- ▨ Flood Water Storage Areas
- Flood Defence

Flood Map - Slice B



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South

Landmark
 INFORMATION GROUP

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



General

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

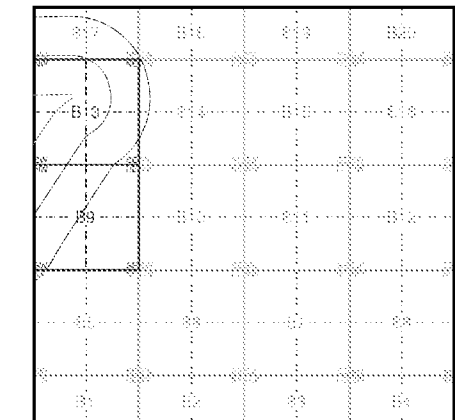
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice B



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South



General

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

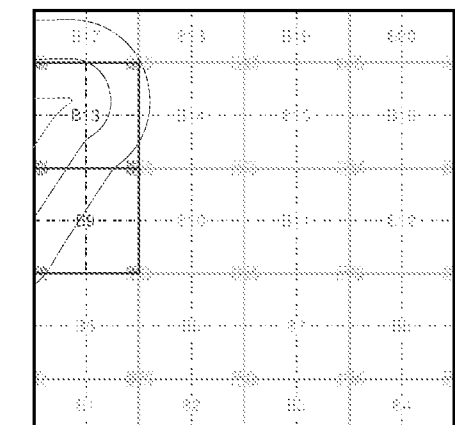
OS Water Network Data

- | | |
|--------------|-------------------------|
| Canal | Drain |
| Reservoir | Other |
| Foreshore | Lake |
| Marsh | Transfer |
| Tidal River | Lock Or Flight Of Locks |
| Inland River | Sea |

Contours (height in meters)

- | | |
|------------------|-----------------|
| Standard Contour | Mean Low Water |
| Master Contour | Mean High Water |
| Spot Height | |

OS Water Network Map - Slice B

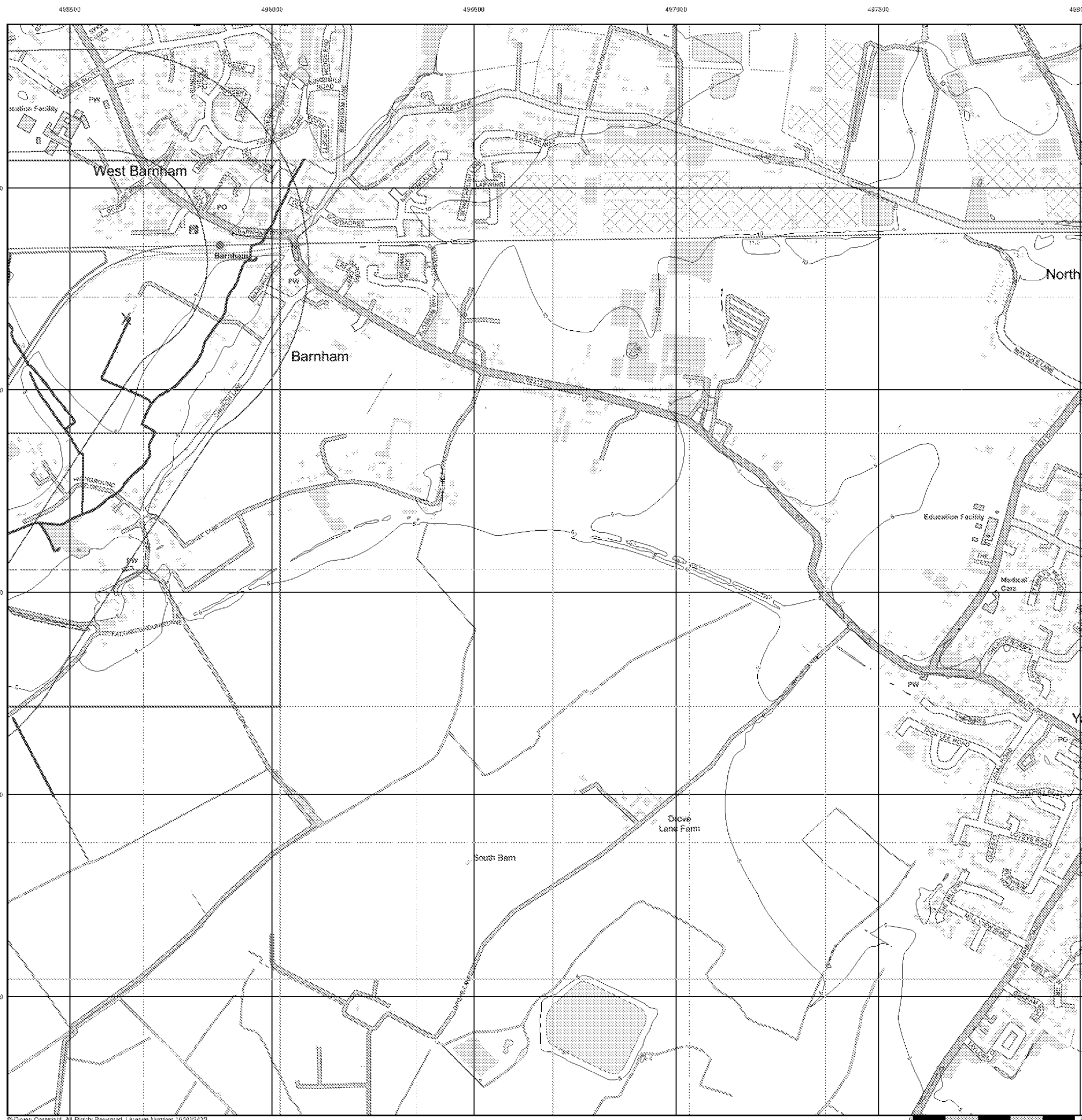


Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South



General

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

Risk of Flooding from Surface Water

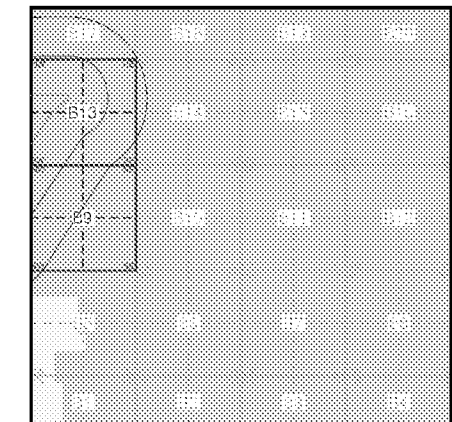
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

- National to county
- County to town
- Town to street
- Street to parcels of land
- Property

EA/NRW Suitability Map - Slice B



Order Details

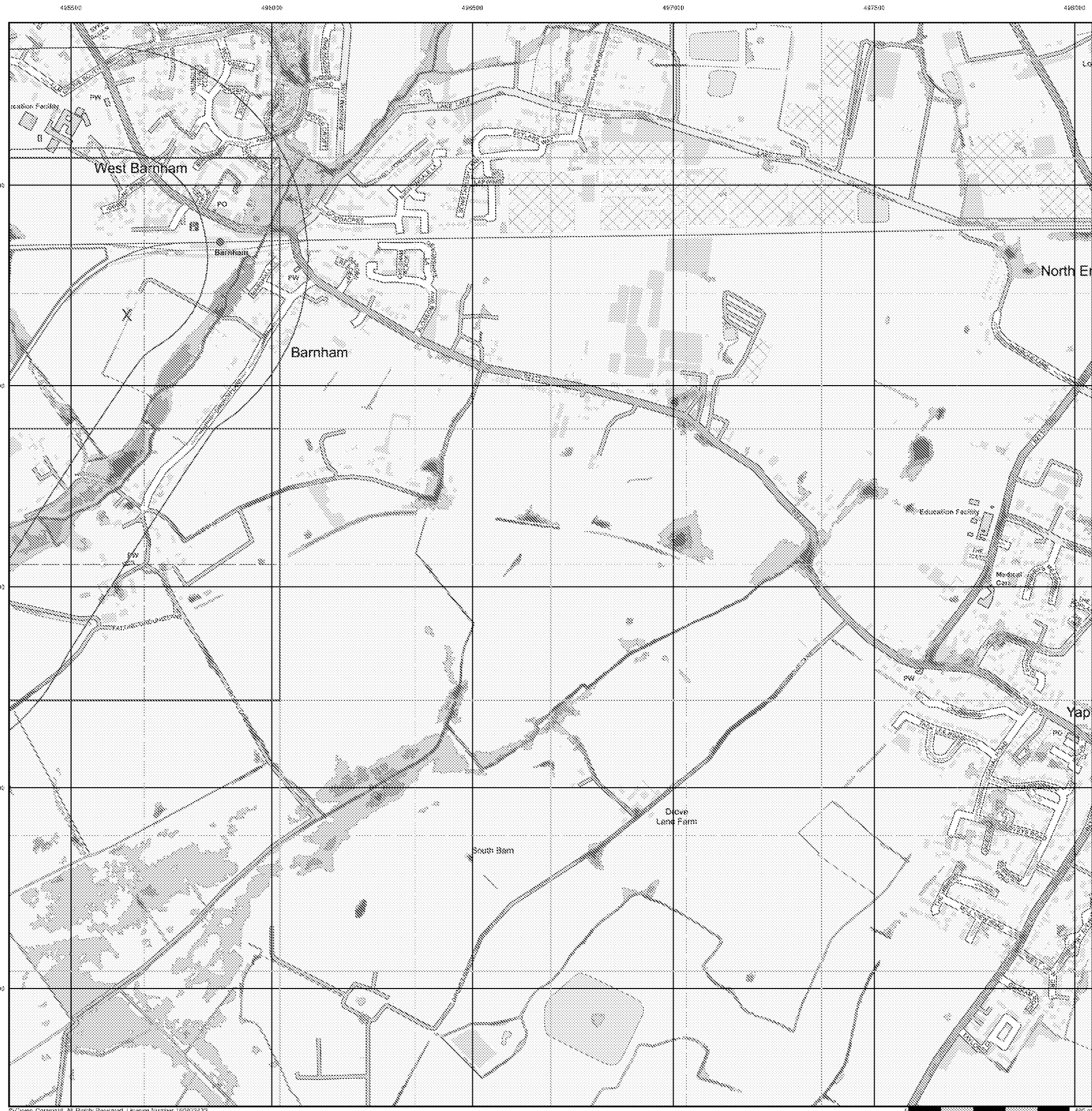
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 Customer Ref: 30004858
 National Grid Reference: 495640, 104180
 Slice: B
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

Eastergate Westergate, South

Landmark
 INFORMATION GROUP

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



Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	RBD1	Raised Beach Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	RTDU	River Terrace Deposits (Undifferentiated)	Sand, Silt and Clay	Not Supplied - Quaternary
	RMD	Raised Marine Deposits	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	ALF	Alluvial Fan Deposits	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LC	London Clay Formation	Clay, Silt and Sand	Not Supplied - Ypresian
	LMBE	Lambeth Group	Clay, Silt and Sand	Not Supplied - Thanetian
	LPCK	Lewes Nodular Chalk Formation, Seaford Chalk Formation, Newhaven Chalk Formation, Culver Chalk Formation and Portsdown Chalk Formation (Undifferentiated)	Chalk	Not Supplied - Turonian

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Geology 1:50,000 Maps

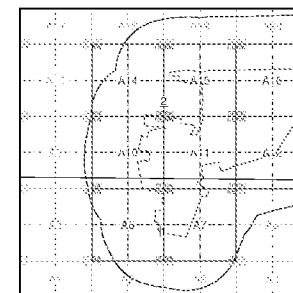
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.

The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	1	Map ID:	2
Map Sheet No:	332	Map Sheet No:	317
Map Name:	Chichester and I	Map Name:	Chichester and I
Map Date:	1996	Map Date:	1996
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number: 251320392_1_1
 Customer Reference: 30004858
 National Grid Reference: 494310, 103650
 Slice: A
 Site Area (Ha): 132.1
 Search Buffer (m): 500

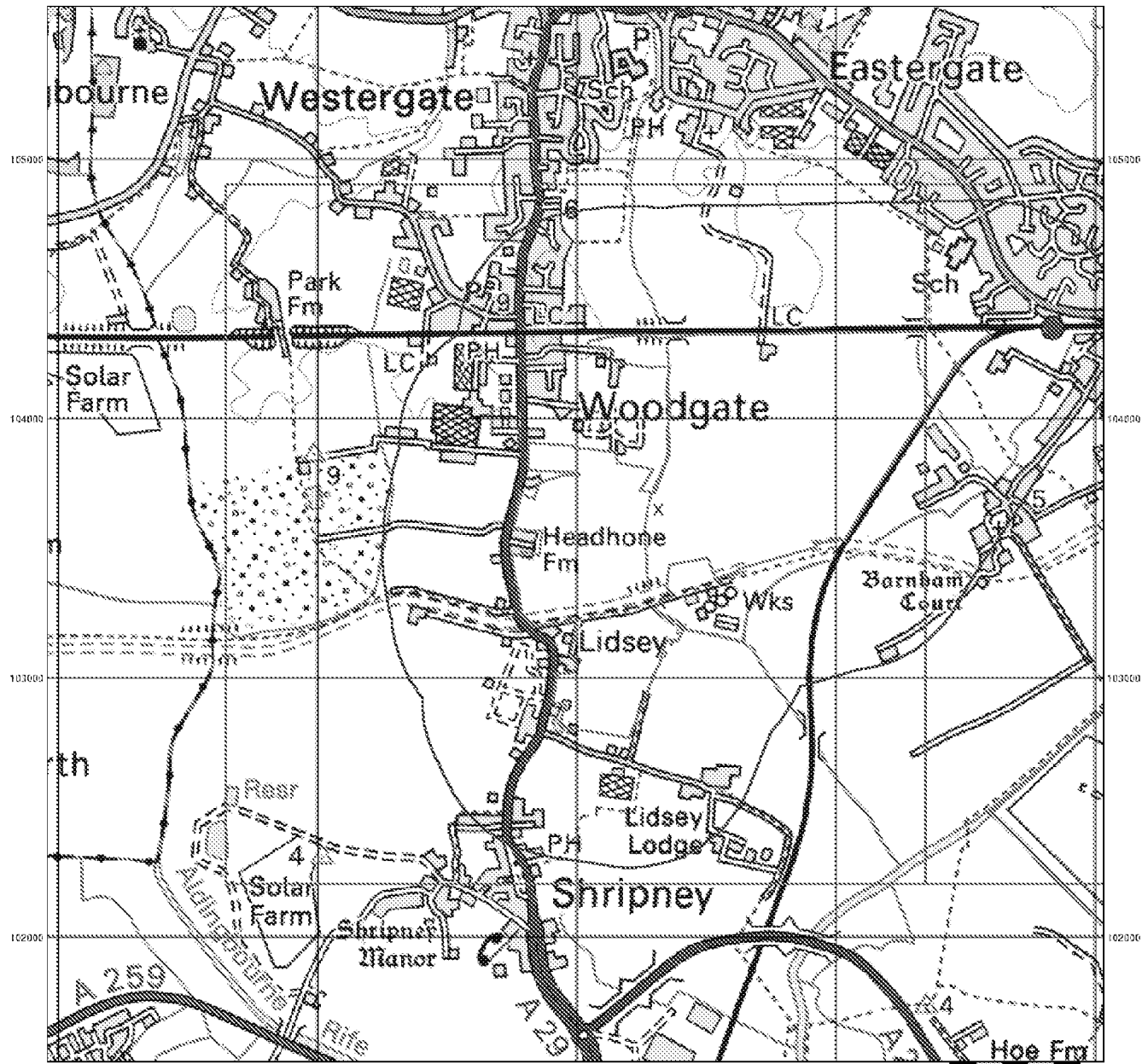
Site Details:

Eastergate Westergate, South

Landmark
 INFORMATION GROUP

Tel: 0844 544 0050
 Fax: 0844 544 5551
 Web: www.environmental.co.uk

492000 493000 494000 495000 496000



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Artificial Ground and Landslip

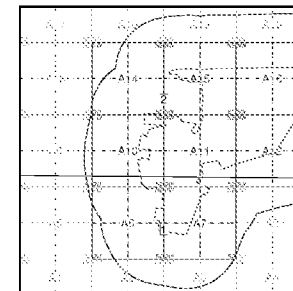
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions and unstable ground.

Artificial ground includes:

- Made ground - man-made deposits such as embankments and spoil heaps on the natural ground surface.
- Worked ground - areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground - areas where the ground has been cut away then wholly or partially backfilled.
- Landscaped ground - areas where the surface has been reshaped.
- Disturbed ground - areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately.

Mass movement (landslip) deposits on BGS geological maps are primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground. The dataset also includes founded strata, where the ground has collapsed due to subsidence.

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 251320392_1_1
Customer Reference: 30004858
National Grid Reference: 494310, 103650
Slice: A
Site Area (Ha): 132.1
Search Buffer (m): 500

Site Details:

Eastergate Westergate, South

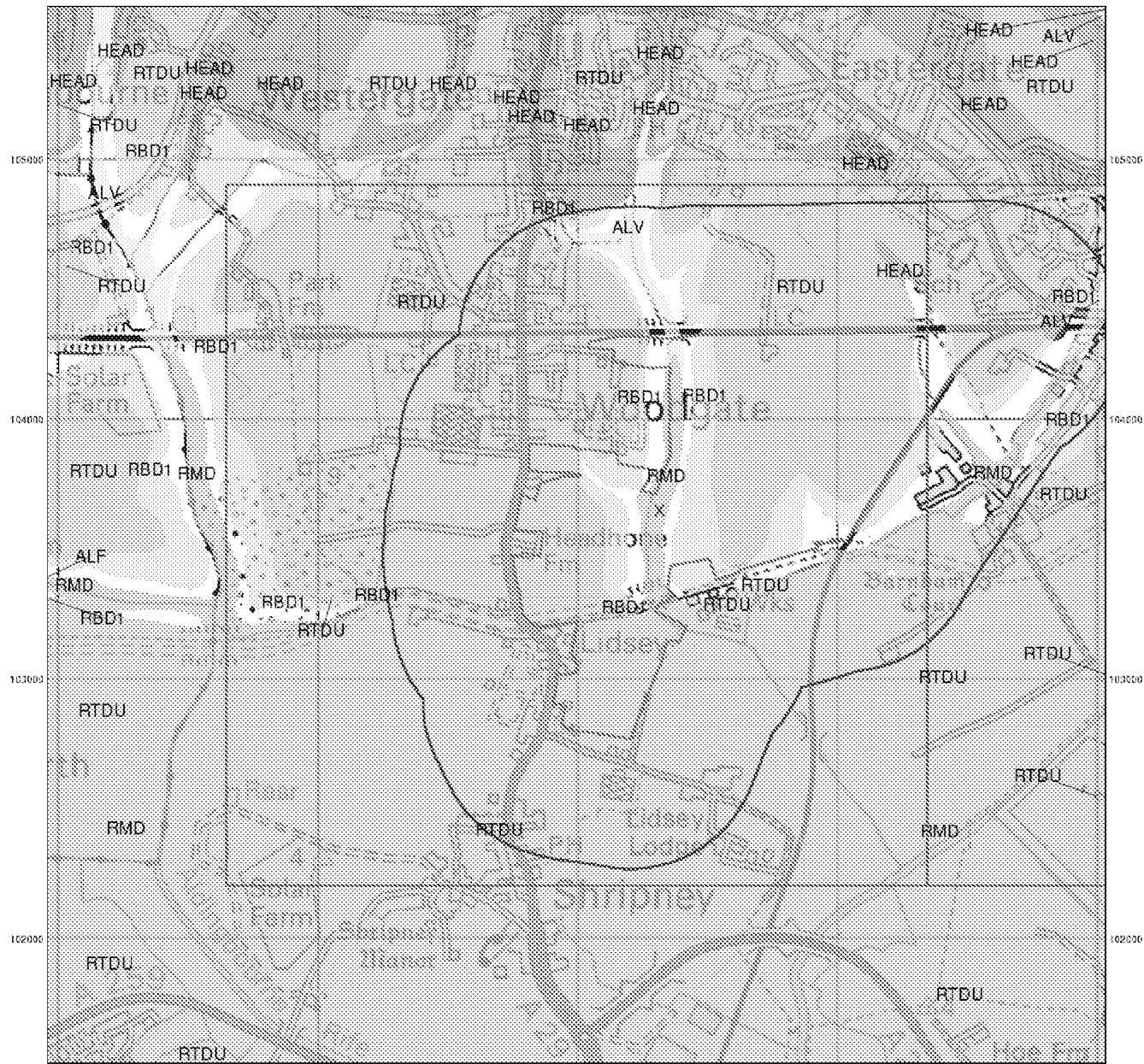
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482000 483000 484000 485000 486000



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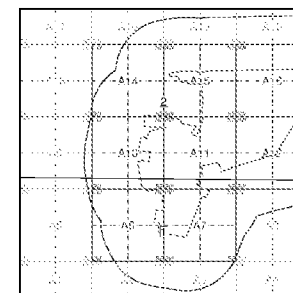
Superficial Geology

Superficial Deposits are the youngest geological deposits formed during the most recent period of geological time, the Quaternary, which extends back about 1.8 million years from the present.

They rest on older deposits or rocks referred to as Bedrock. This dataset contains Superficial deposits that are of natural origin and 'in place'. Other superficial strata may be held in the Mass Movement dataset where they have been moved, or in the Artificial Ground dataset where they are of man-made origin.

Most of these Superficial deposits are unconsolidated sediments such as gravel, sand, silt and clay, and onshore they form relatively thin, often discontinuous patches or larger spreads.

Superficial Geology Map - Slice A



Order Details:

Order Number: 251320392_1_1
Customer Reference: 30004858
National Grid Reference: 494310, 103650
Slice: A
Site Area (Ha): 132.1
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Site Details:

Eastergate Westergate, South

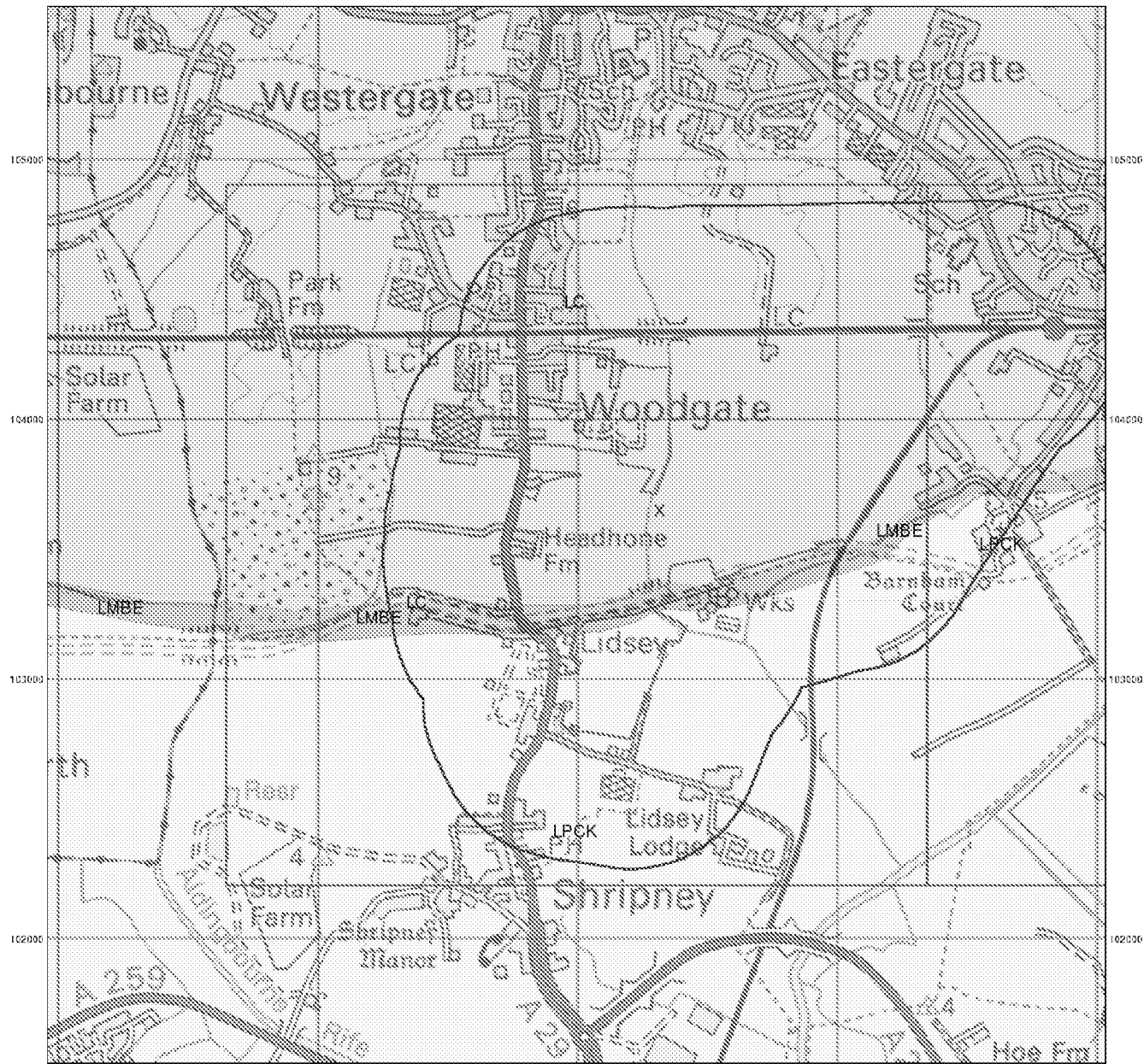
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Bedrock and Faults

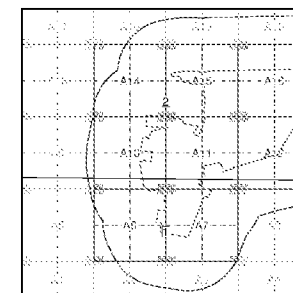
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

The bedrock has formed over vast lengths of geological time ranging from ancient and highly altered rocks of the Proterozoic, some 2500 million years ago, or older, up to the relatively young Pliocene, 1.8 million years ago.

The bedrock geology includes many lithologies, often classified into three types based on origin: igneous, metamorphic and sedimentary.

The BGS Faults and Rock Segments dataset includes geological faults (e.g. normal, thrust), and thin beds mapped as lines (e.g. coal seam, gypsum bed). Some of these are linked to other particular 1:50,000 Geology datasets, for example, coal seams are part of the bedrock sequence, most faults and mineral veins primarily affect the bedrock but cut across the strata and post date its deposition.

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 251320392_1_1
Customer Reference: 30004858
National Grid Reference: 494310, 103650
Slice: A
Site Area (Ha): 132.1
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Site Details:

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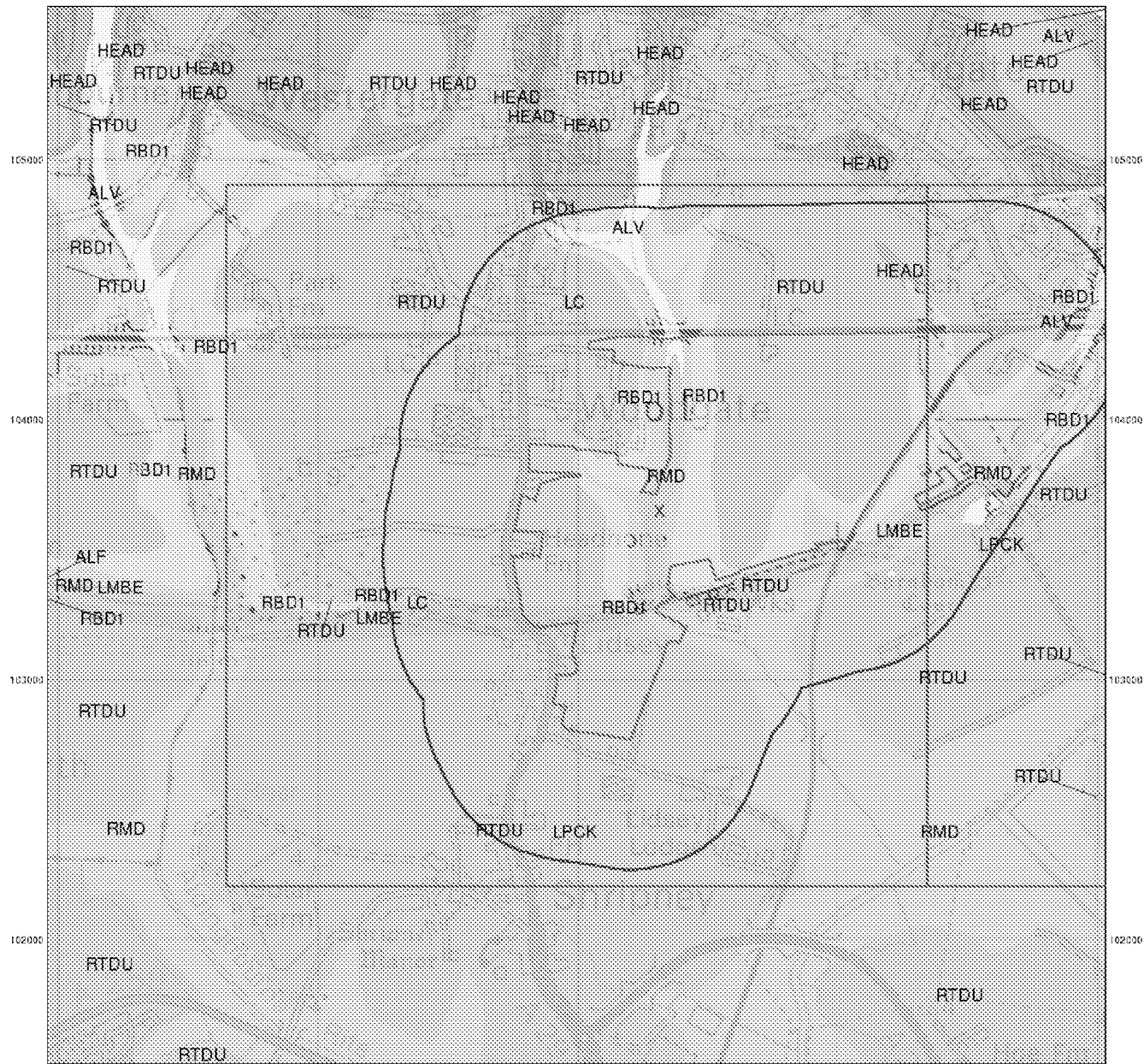
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Combined Surface Geology

The Combined Surface Geology map combines all the previous maps into one combined geological overview of your site.

Please consult the legends to the previous maps to interpret the Combined "Surface Geology" map.

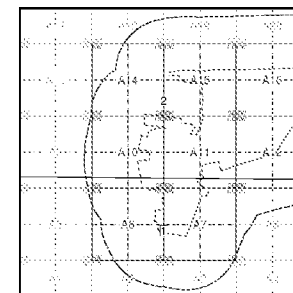
Additional Information

More information on 1:50,000 Geological mapping and explanations of rock classifications can be found on the BGS website. Using the LEX Codes in this report, further descriptions of rock types can be obtained by interrogating the 'BGS Lexicon of Named Rock Units'. This database can be accessed by following the 'Information and Data' link on the BGS website.

Contact

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Kingsley Dunham Centre
Keyworth
Nottingham
NG12 5GG
Telephone: 0115 936 3143
Fax: 0115 936 3276
email: enquiries@bgs.ac.uk
website: www.bgs.ac.uk

Combined Geology Map - Slice A



Order Details:

Order Number: 251320392_1_1
Customer Reference: 30004858
National Grid Reference: 494310, 103650
Slice: A
Site Area (Ha): 132.1
Search Buffer (m): 500

Site Details:

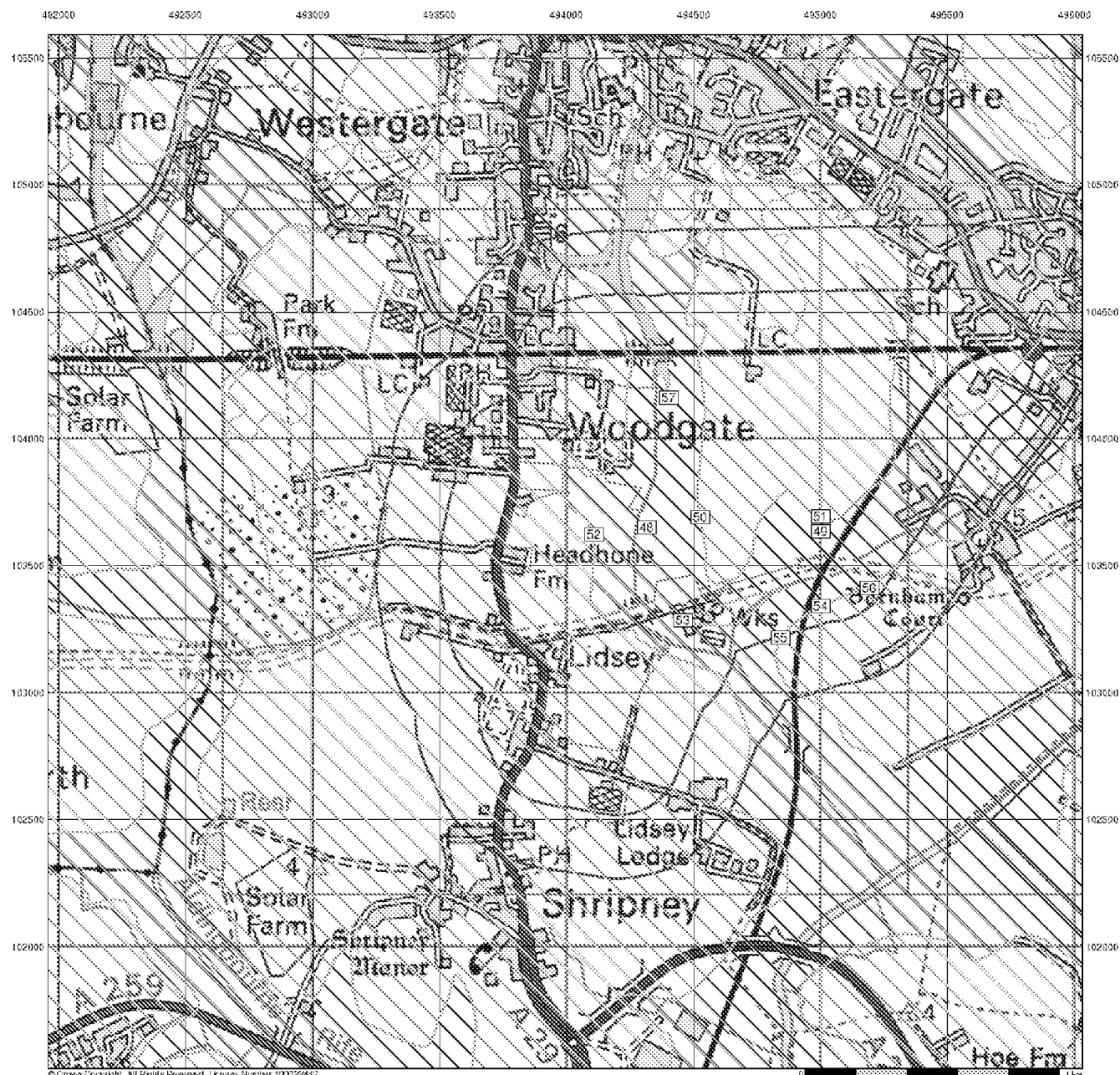
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Ground Stability Data (1:50,000)

General

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

Potential for Compressible Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Collapsible Ground Stability Hazards

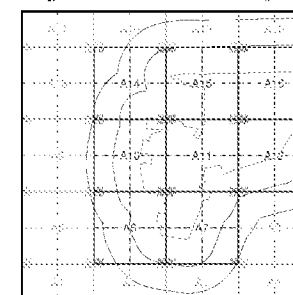
- High
- Moderate
- Low
- Very Low

Brine Pumping and Salt Mining

- Brine Pumping Related Feature
- Salt Mining Related Feature

- | Point | Polygon |
|-------|---------|
| ▲ | □ |
| ▲ | □ |

Mining and Ground Stability - Slice A



Order Details

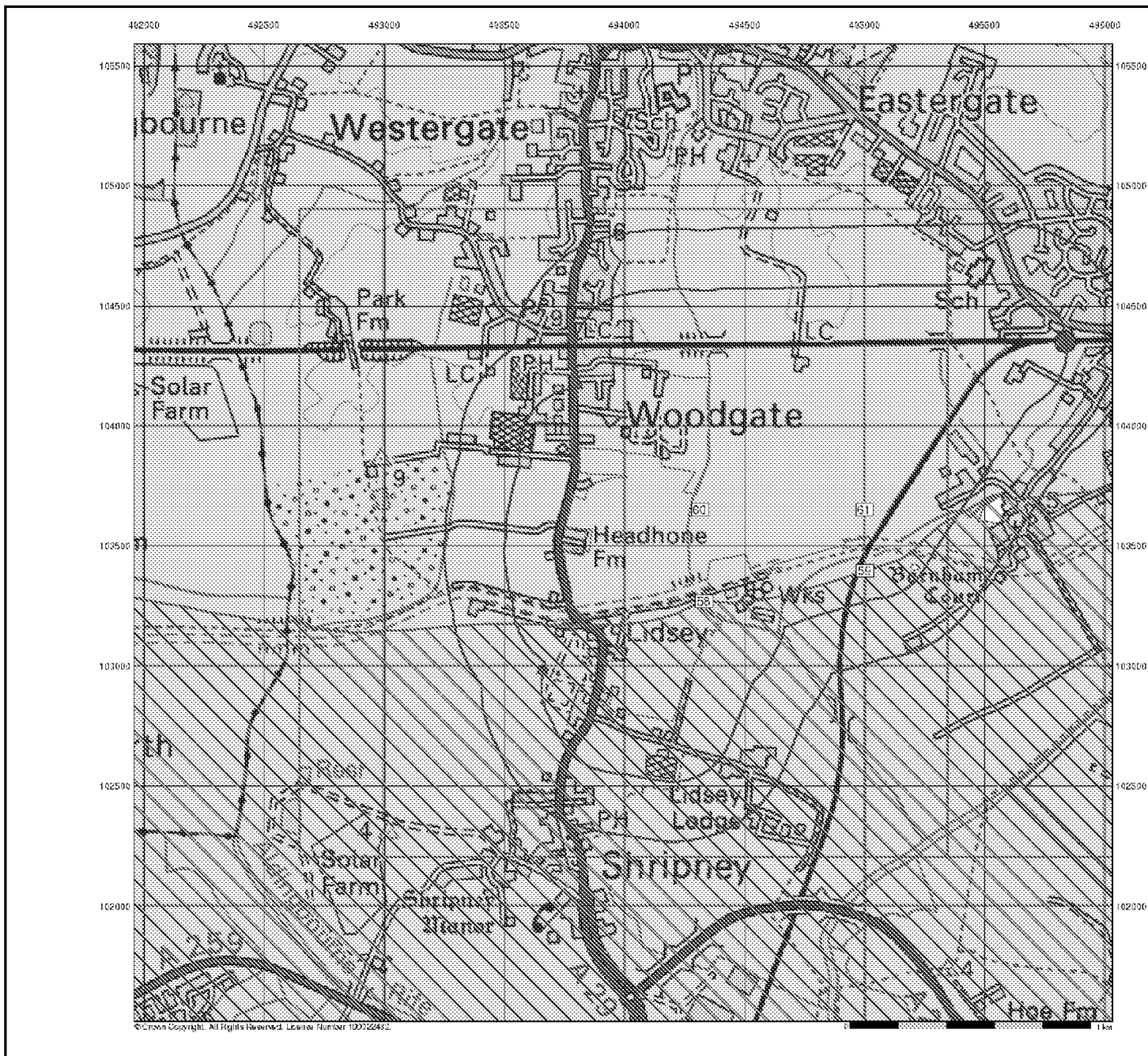
- Order Number: 251320392_1_1
- Customer Ref: 30004858
- National Grid Reference: 494310, 103650
- Slice: A
- Site Area (Ha): 132.1
- Search Buffer (m): 500

Site Details

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Ground Stability Data (1:50,000)

General

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

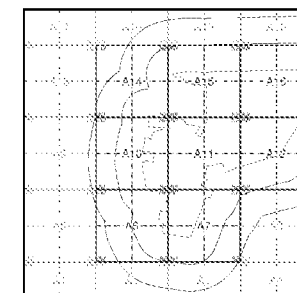
Potential for Landslide Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Ground Dissolution Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 494310, 103650
 Slice: A
 Site Area (Ha): 132.1
 Search Buffer (m): 500

Site Details

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Ground Stability Data (1:50,000)

General

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

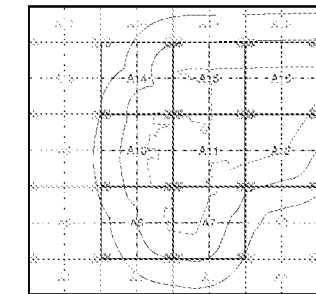
Potential for Running Sand Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Potential for Shrinking or Swelling Clay Ground Stability Hazards

- High
- Moderate
- Low
- Very Low

Mining and Ground Stability - Slice A



Order Details

Order Number: 251320392_1_1
 Customer Ref: 30004858
 National Grid Reference: 494310, 103650
 Slice: A
 Site Area (Ha): 132.1
 Search Buffer (m): 500

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