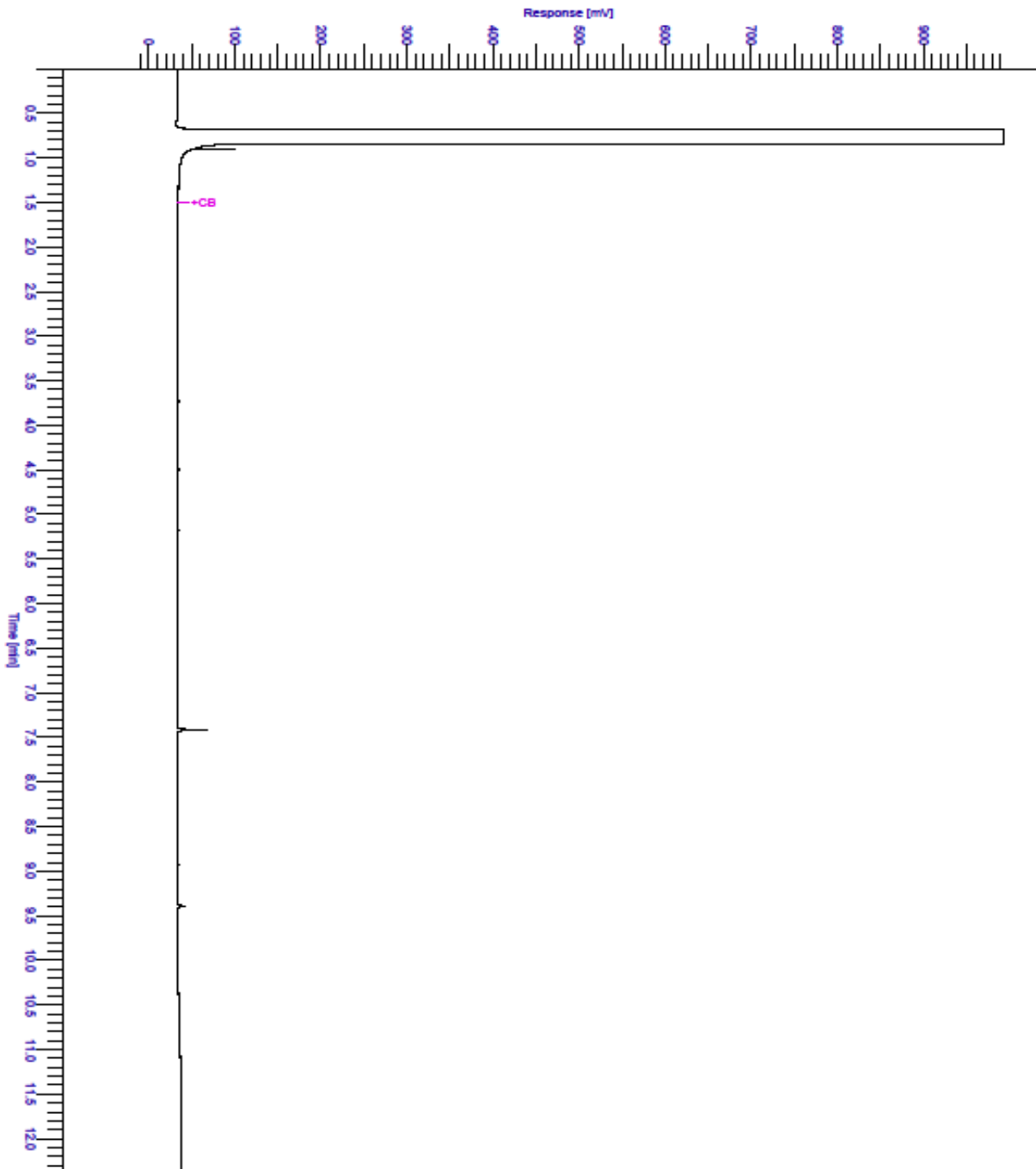


# TPH Chromatogram on Soil Sample: 1532481

## Chromatogram

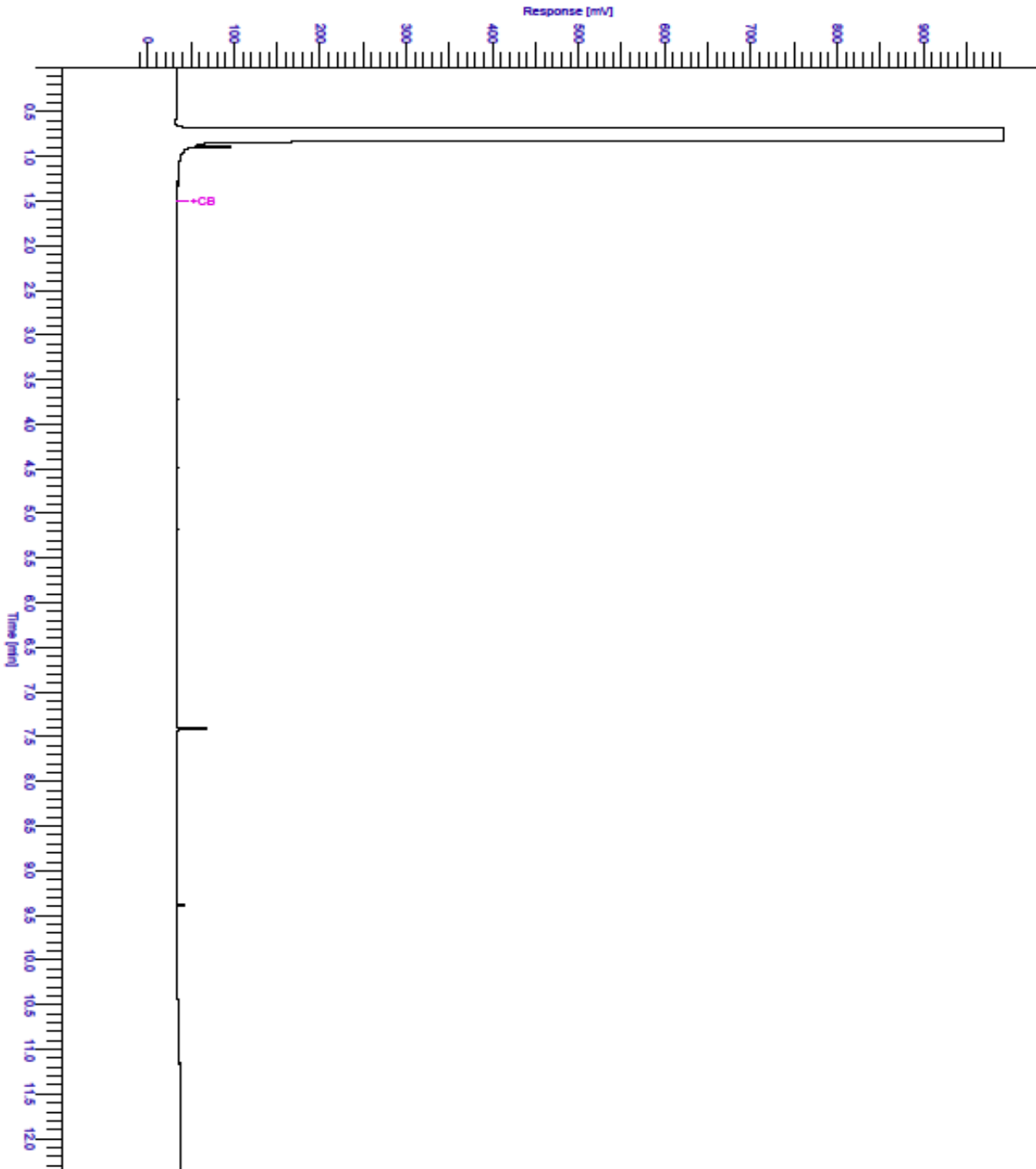
Sample Name : 1532481\_sx1-22-40980      Sample #: 050      Page 1 of 1  
FileName : U:\2022\GC34\10\Oct\27\10\_1\_TPH2A\2710\_1\_TPH2A\_A050.raw  
Date : 01/11/2022 12:48:01  
Method :      Time of Injection: 29/10/2022 05:07:29  
Start Time : 0.00 min      End Time : 12.36 min      Low Point : -18.16 mV      High Point : 993.88 mV  
Plot Offset: -18.16 mV      Plot Scale: 1012.0 mV



# TPH Chromatogram on Soil Sample: 1532482

## Chromatogram

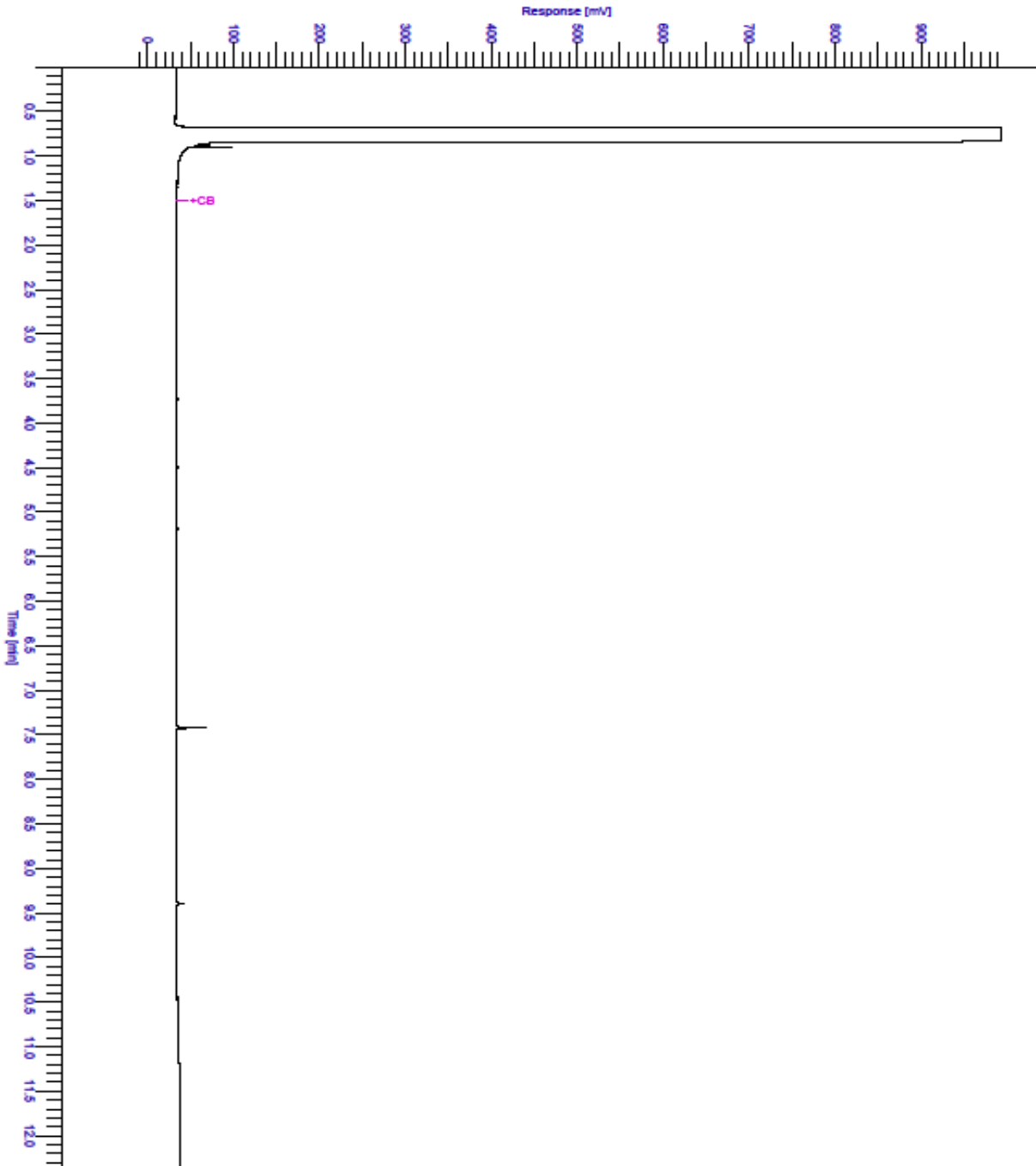
Sample Name : 1532482\_sx1-22-40980      Sample #: 051      Page 1 of 1  
FileName : U:\2022\GC34\10\Oct\27\10\_1\_TPH2A\2710\_1\_TPH2A\_A051.raw  
Date : 01/11/2022 12:48:23  
Method :      Time of Injection: 29/10/2022 05:26:05  
Start Time : 0.00 min      End Time : 12.36 min      Low Point : -18.13 mV      High Point : 993.88 mV  
Plot Offset: -18.13 mV      Plot Scale: 1012.0 mV



# TPH Chromatogram on Soil Sample: 1532483

## Chromatogram

Sample Name : 1532483\_sx1-22-40980      Sample #: 052      Page 1 of 1  
FileName : U:\2022\GC34\10\Oct\27\10\_1\_TPH2A\2710\_1\_TPH2A\_A052.raw  
Date : 01/11/2022 12:48:41  
Method :      Time of Injection: 29/10/2022 05:44:44  
Start Time : 0.00 min      End Time : 12.36 min      Low Point : -18.13 mV      High Point : 993.88 mV  
Plot Offset: -18.13 mV      Plot Scale: 1012.0 mV



## Test Methods

SOP	Title	Parameters included	Method summary
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1460	Mercury low-level in Waters by AFS	Mercury	Atomic Fluorescence Spectrometry, with collimated UV source, wavelength 253.7 nm.
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazine.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge
650	Characterisation of Waste (Leaching WAC)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

## **Report Information**

### **Key**

---

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

---

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

---

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)

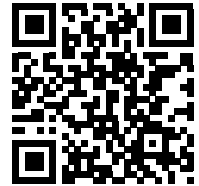


## **APPENDIX D WASTE CLASSIFICATION**

# Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

- understand the origin of the waste
- select the correct List of Waste code(s)
- confirm that the list of determinands, results and sampling plan are fit for purpose
- select and justify the chosen metal species (Appendix B)
- correctly apply moisture correction and other available corrections
- add the meta data for their user-defined substances (Appendix A)
- check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)



WJW41-4AYW2-SKKD6

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

## Job name

22.09.023 Lamphey

## Description/Comments

## Project

22.09.023

## Site

Cleggars Park, Lamphey, Pembrokeshire, SA71 5JY

## Classified by

Name:	Company:
<b>Lee Chippington</b>	<b>Listers Geotechnical Consultants</b>
Date:	<b>Slapton Hill Barn</b>
<b>15 Dec 2022 18:30 GMT</b>	<b>Blakesley Road</b>
Telephone:	<b>Towcester</b>
<b>01327 860060</b>	<b>NN12 8QD</b>

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

**HazWasteOnline™ Certification:**

-

**Course**

Hazardous Waste Classification

**Date**

-

## Purpose of classification

2 - Material Characterisation

## Address of the waste

Cleggars Park, Lamphey, Pembrokeshire

**Post Code** SA71 5JY

## SIC for the process giving rise to the waste

## Description of industry/producer giving rise to the waste

Construction

## Description of the specific process, sub-process and/or activity that created the waste

Groundworks

## Description of the waste

Soil

**Job summary**

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP02	0.2	Non Hazardous		3
2	TP03	0.2	Non Hazardous		5
3	TP04	0.8	Non Hazardous		7
4	TP07	0.8	Non Hazardous		9
5	TP09	0.8	Non Hazardous		11

**Related documents**

#	Name	Description
1	ListersGeo Reduced Suite WM3 v1.2GB	waste stream template used to create this Job

**Report**

Created by: Lee Chippington

Created date: 15 Dec 2022 18:30 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	13
Appendix B: Rationale for selection of metal species	14
Appendix C: Version	14





# Final Report

---

**Report No.:** 22-40982-1  
**Initial Date of Issue:** 02-Nov-2022  
**Client:** Listers Geotechnical Consultants  
**Client Address:** Slapton Hill Barn, Blakesley Road  
Slapton  
Towcester  
Northamptonshire  
NN12 8QD  
**Contact(s):** Lee Chippington  
**Project:** 22.09.023 Lamphey  
**Quotation No.:** **Date Received:** 26-Oct-2022  
**Order No.:** 22.09.023/727 **Date Instructed:** 26-Oct-2022  
**No. of Samples:** 1  
**Turnaround (Wkdays):** 5 **Results Due:** 01-Nov-2022  
**Date Approved:** 02-Nov-2022

**Approved By:**

**Details:** Stuart Henderson, Technical  
Manager

---

## Results - Single Stage WAC

Project: 22.09.023 Lamphey

Chemtest Job No: 22-40982				<b>Landfill Waste Acceptance Criteria Limits</b>			
Chemtest Sample ID: 1532485							
Sample Ref:							
Sample ID:							
Sample Location: TP04/07/09							
Top Depth(m): 0.8				<b>Inert Waste Landfill</b>	<b>Stable, Non-reactive hazardous waste in non-hazardous Landfill</b>	<b>Hazardous Waste Landfill</b>	
Bottom Depth(m):							
Sampling Date: 18-Oct-2022							
Determinand	SOP	Accred.	Units				
Total Organic Carbon	2625	M	%	0.27	3	5	6
Loss On Ignition	2610	M	%	9.0	--	--	10
Total BTEX	2760	M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815	M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	M	mg/kg	< 10	500	--	--
Total (Of 17) PAH's	2700	N	mg/kg	< 2.0	100	--	--
pH	2010	M		7.4	--	>6	--
Acid Neutralisation Capacity	2015	N	mol/kg	< 0.0020	--	To evaluate	To evaluate
Eluate Analysis			10:1 Eluate mg/l	10:1 Eluate mg/kg	Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg		
Arsenic	1455	U	0.0002	0.0024	0.5	2	25
Barium	1455	U	< 0.005	< 0.050	20	100	300
Cadmium	1455	U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455	U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455	U	< 0.0005	< 0.0050	2	50	100
Mercury	1455	U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455	U	0.0017	0.018	0.5	10	30
Nickel	1455	U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455	U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455	U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455	U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455	U	< 0.003	< 0.025	4	50	200
Chloride	1220	U	< 1.0	< 10	800	15000	25000
Fluoride	1220	U	0.093	< 1.0	10	150	500
Sulphate	1220	U	6.2	62	1000	20000	50000
Total Dissolved Solids	1020	N	25	250	4000	60000	100000
Phenol Index	1920	U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610	U	4.9	< 50	500	800	1000

### Solid Information

Dry mass of test portion/kg	0.090
Moisture (%)	11

### Waste Acceptance Criteria

Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes. This analysis is only applicable for hazardous waste landfill acceptance and does not give any indication as to whether a waste may be hazardous or non-hazardous.

## Test Methods

SOP	Title	Parameters included	Method summary
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Conductivity Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2015	Acid Neutralisation Capacity	Acid Reserve	Titration
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenz[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge

## **Report Information**

### **Key**

---

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
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<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

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All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

---

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

---

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

[customerservices@chemtest.com](mailto:customerservices@chemtest.com)



## **APPENDIX E**

### **DESK STUDY INFORMATION**

Your Ref: 22.09.023/727

Our Ref: 332582010//CBH/SC/HG/AW

25 November 2022

Listers Geotechnics Limited  
 Slapton Hill Barn,  
 Blakesley Road,  
 Slapton,  
 Towcester,  
 Northamptonshire  
 NN12 8QD

**Attention of: Lee Chippington**

Dear Lee,

**RE: STANTEC FACTUAL CAVITIES DATABASE SEARCH FOR THE SITE OFF CLEGGARS PARK, LAMPHEY, PEMBROKESHIRE.**

We refer to your email dated 21<sup>st</sup> November 2022, regarding the above. We thank you for your instruction to carry out a factual search of the Stantec Natural and Non-Coal Mining Cavities Database for the above-named site.

The Cavities Database search has been carried out via the Site Boundary Plan provided by the Client and centred at approximate National Grid Reference SN 01547 00005.

**NATURAL CAVITY RECORDS**

A search of the Stantec Natural Cavities Database indicated that there are 2 natural cavity records within 1km of the site centre, as shown in Table 1 below.

*Table 1: Stantec Natural Cavities Database records*

Approximate NGR	Approximate distance from site centre (m)	Recorded Location	Geology	Natural Cavity Details	Source
SS 0150 9995	On-site	East of Freshwater East Road, Lamphey	<b>Solid:</b> Lower Carboniferous Limestone	1 x Swallow Hole	British Geological Survey
SS 0235 9950	780 (SE)	West of Hodgston	<b>Solid:</b> Carboniferous and Lower Carboniferous Limestone	1 x Swallow Hole	British Geological Survey

Caversham Bridge House  
 Waterman Place  
 Reading  
 Berkshire RG1 8DN

Telephone: +44 (0)118 950 0761  
 email: PBA.Reading@stantec.com

Registered Office:  
 Stantec UK Ltd  
 Buckingham Court  
 Kingsmead Business Park  
 Frederick Place, London Road  
 High Wycombe HP11 1JU  
 Registered in England No. 1188070

## **MINING CAVITY RECORDS**

A search of the Stantec Mining Cavities Database indicated that there is no man-made mining cavity record within 1km of the Site centre. The closest recorded man-made mining cavity is situated approximately 4.1km to the east of the site near Jameston, noted to pertain to historic underground Magnetite, Marcasite, Siderite, and Ironstone mining.

Subject to the following note, according to Stantec Cavities Databases, one natural cavity record is present within the site footprint, and no records pertaining to mining cavities are recorded. We draw your attention to the fact that the absence of, or the presence of, existing records for the site should not be considered conclusive – the information provided is indicative only. For any decision on investment, construction or any other actions relating to the project, further investigations will be required to confirm ground conditions.

We trust that the information presented will assist you, but if you have any queries then please do not hesitate to contact the writer. We will invoice for this work at the end of the month and our payment terms are strictly 28 days.

Yours sincerely,



**Stuart Chandler**  
**Associate**

on behalf of Stantec UK Ltd

This report has been prepared by Stantec UK Limited ('Stantec') on behalf of its client to whom this report is addressed ('Client') in connection with the project described in this report and takes into account the Client's particular instructions and requirements. This report was prepared in accordance with the professional services appointment under which Stantec was appointed by its Client. This report is not intended for and should not be relied on by any third party (i.e. parties other than the Client). Stantec accepts no duty or responsibility (including in negligence) to any party other than the Client and disclaims all liability of any nature whatsoever to any such party in respect of this report.

The work undertaken by Stantec was carried out on a fixed fee basis and in accordance with our Standard Terms and Conditions, a copy of which is attached to this report.

IN NO EVENT SHALL STANTEC BE LIABLE FOR ANY LOSS OR DAMAGE INCLUDING, WITHOUT LIMITATION, INDIRECT OR CONSEQUENTIAL LOSS OR DAMAGE ARISING FROM THE USE OF THE DATA FROM THE STANTEC CAVITIES DATABASES.

The Natural Cavities & Mining Cavities Databases have been compiled by Stantec (Stantec Cavities Databases). They contain information collected since the 1980s from multiple sources including: academic publications, public/business organisations, online resources and commercial project experience. The databases are managed and updated with new records at regular intervals. The Stantec Cavities Databases provide information to aid further assessment and should not be used alone to make final decisions on investment or construction on a site as further investigation may be necessary. Given the challenges of source data diversity, quality and age the Stantec Cavities Databases cannot guarantee to contain a complete set of information relevant to a site, sometimes records may have been inaccurately positioned, incorrectly interpreted or missed. The data is not intended to be used in place of obtaining professional advice for a specific project. The Stantec Cavities Databases are copyrighted and shall be treated as confidential information and must not, without the prior written consent of Stantec, be disclosed to a third party.

## Envirocheck<sup>®</sup> Report:

### Datasheet

#### Order Details:

**Order Number:**

302445936\_1\_1

**Customer Reference:**

22.09.023

**National Grid Reference:**

201530, 199930

**Slice:**

A

**Site Area (Ha):**

5.43

**Search Buffer (m):**

1000

#### Site Details:

Fernbrook, Freshwater East Road

Lamphey

PEMBROKE

SA71 5JY

#### Client Details:

Mr L Chippington

Listers Geotechnical Consultants Ltd

Slapton Hill Barn

Blakesley Road

Slapton

Towcester

Northants

NN12 8QD



Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	18
Hazardous Substances	-
Geological	20
Industrial Land Use	24
Sensitive Land Use	27
Data Currency	28
Data Suppliers	33
Useful Contacts	34

## 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	501 to 1000m (*up to 2000m)
<b>Agency &amp; Hydrological</b>					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				10
Prosecutions Relating to Controlled Waters			n/a	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	pg 3		1		
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 4	Yes			
Pollution Incidents to Controlled Waters	pg 4	2	1		
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 4				(*20)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 9	Yes	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 10	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 10	2	16		48

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Waste</b>					
BGS Recorded Landfill Sites					
Historical Landfill Sites	pg 18				2
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)	pg 18				1
Local Authority Landfill Coverage	pg 18	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 18				2
Potentially Infilled Land (Non-Water)	pg 18				1
Potentially Infilled Land (Water)	pg 19				1
Registered Landfill Sites	pg 19		1	1	1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
<b>Hazardous Substances</b>					
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	501 to 1000m (*up to 2000m)
<b>Geological</b>					
BGS 1:625,000 Solid Geology	pg 20	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 20	Yes			
BGS Recorded Mineral Sites	pg 20			1	6
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 21	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities	pg 21	1			1
Non Coal Mining Areas of Great Britain	pg 21	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 22	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 23	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 23	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 23	Yes	n/a	n/a	n/a
<b>Industrial Land Use</b>					
Contemporary Trade Directory Entries	pg 24		1		1
Fuel Station Entries	pg 24		1		
Points of Interest - Commercial Services	pg 24		2		
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 24			2	8
Points of Interest - Public Infrastructure	pg 25		4	4	4
Points of Interest - Recreational and Environmental	pg 26			1	
Gas Pipelines					
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
<b>Sensitive Land Use</b>					
Ancient Woodland	pg 27		1	1	10
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	pg 27	1			
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
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
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	0	1	201400 199850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	0	1	201500 199850
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (NE)	0	1	201532 199930
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	0	1	201600 199930
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	201532 200050
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	0	1	201532 200000
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	143	1	201250 199800
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	172	1	201650 199650
	<b>BGS Groundwater Flooding Susceptibility</b> Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	332	1	202000 199930
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Lamphey Wwtw Lamphey Near Pembroke Settled Storm, The Ridgeway, Lamphey, Pembroke, Sa71 5nu Authority: Natural Resources Wales Catchment Area: PEMBROKE - HEADWATERS TO TIDAL LIMIT Reference: Bp0339101 Permit Version: 3 Effective Date: 27th May 2020 Issued Date: 27th May 2020 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire Authority: Natural Resources Wales Catchment Area: PEMBROKE - HEADWATERS TO TIDAL LIMIT Reference: Bg0022401 Permit Version: 4 Effective Date: 29th September 2015 Issued Date: 29th September 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire Authority: Natural Resources Wales Catchment Area: PEMBROKE - HEADWATERS TO TIDAL LIMIT Reference: Bp0339101 Permit Version: 2 Effective Date: 29th September 2015 Issued Date: 29th September 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire Authority: Natural Resources Wales Catchment Area: PEMBROKE - HEADWATERS TO TIDAL LIMIT Reference: Bg0022401 Permit Version: 4 Effective Date: 29th September 2015 Issued Date: 29th September 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire Authority: Natural Resources Wales Catchment Area: PEMBROKE - HEADWATERS TO TIDAL LIMIT Reference: Bp0339101 Permit Version: 2 Effective Date: 29th September 2015 Issued Date: 29th September 2015 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Effective</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900
1	<b>Discharge Consents</b> Operator: Dwr Cymru Cyfyngedig Property Type: Sewage Disposal Works - Water Company Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire Authority: Natural Resources Wales Catchment Area: Pembroke River Reference: Bg0022401 Permit Version: 3 Effective Date: 1st January 2010 Issued Date: 26th June 2009 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company Discharge: Freshwater Stream/River Environment: Receiving Water: Pembroke River <b>Status: Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)</b> Positional Accuracy: Located by supplier to within 10m	A18NE (N)	859	2	201758 200900

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire  Authority: Natural Resources Wales  Catchment Area: Pembroke River  Reference: Bg0022401  Permit Version: 2  Effective Date: 31st March 2005  Issued Date: 23rd March 2005  Revocation Date: 31st December 2009  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pembroke River  <b>Status:</b> Varied by Application - (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	859	2	201758 200900
1	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Lamphey Wwtw Lamphey Near Pembroke, Lamphey, Pembrokeshire  Authority: Natural Resources Wales  Catchment Area: Not Supplied  Reference: Bp0339101  Permit Version: 1  Effective Date: 31st March 2005  Issued Date: 23rd March 2005  Revocation Date: Not Supplied  Discharge Type: Sewage Discharges - Stw Storm Overflow/Storm Tank - Water Company  Discharge: Freshwater Stream/River  Environment:  Receiving Water: Pembroke River  <b>Status:</b> New Consent (Water Resources Act 1991, Section 88 &amp; Schedule 10 as amended by Environment Act 1995)  Positional Accuracy: Located by supplier to within 10m</p>	A18NE (N)	859	2	201758 200900
1	<p><b>Discharge Consents</b></p> <p>Operator: Dwr Cymru Cyfyngedig  Property Type: Sewage Disposal Works - Water Company  Location: Lamphey Stw  Authority: Natural Resources Wales  Catchment Area: Pembroke River  Reference: BG0022401  Permit Version: 1  Effective Date: 12th February 1982  Issued Date: 12th February 1982  Revocation Date: 22nd March 2005  Discharge Type: Sewage Discharges - Final/Treated Effluent - Water Company  Discharge: Not Supplied  Environment:  Receiving Water: Pembroke River  <b>Status:</b> New Consent, by Application (Water Resources Act 1991, Section 88)  Positional Accuracy: Located by supplier to within 100m</p>	A18NE (N)	862	2	201780 200900
2	<p><b>Discharge Consents</b></p> <p>Operator: Hart Alexander  Property Type: Domestic Property (Single)  Location: Pembroke Lower Lamphey Road Bridale, Lower Lamphey Road Bridale Dyfed  Authority: Natural Resources Wales  Catchment Area: Pembroke River  Reference: Bp0036801  Permit Version: 1  Effective Date: 20th February 1987  Issued Date: 20th February 1987  Revocation Date: 16th September 1994  Discharge Type: Unspecified  Discharge: Not Supplied  Environment:  Receiving Water: To Land  <b>Status:</b> Consent expired  Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	859	2	200700 200500
3	<p><b>Local Authority Pollution Prevention and Controls</b></p> <p>Name: Lamphey Service Station  Location: Lamphey, PEMBROKE, SA71 5NW  Authority: Pembrokeshire County Council, Environmental Health Department  Permit Reference: EP/10/1.2  Dated: 15th March 2006  Process Type: Local Authority Pollution Prevention and Control  Description: PG1/14 Petrol filling station  <b>Status:</b> Permitted  Positional Accuracy: Manually positioned to the address or location</p>	A13NW (N)	187	3	201521 200244



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Nearest Surface Water Feature</b>	A13SE (E)	0	-	201633 199929
4	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Algae Note: Natural Causes Incident Date: 8th September 1996 Incident Reference: 29844 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	0	4	201400 199900
4	<b>Pollution Incidents to Controlled Waters</b> Property Type: Not Given Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Farm Effluent/Slurry Note: Natural Causes Incident Date: 8th September 1996 Incident Reference: 29844 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13SW (W)	0	4	201400 199895
5	<b>Pollution Incidents to Controlled Waters</b> Property Type: Cattle Grazing Land Location: Location Description Not Available Authority: Environment Agency, Welsh Region Pollutant: Sewage - Treated Effluent Note: Natural Causes Incident Date: 27th July 1995 Incident Reference: 25109 Catchment Area: Not Given Receiving Water: Not Given Cause of Incident: Direct Discharge Incident Severity: Category 3 - Minor Incident Positional Accuracy: Located by supplier to within 100m	A13NW (NW)	30	4	201401 200001
	<b>Water Abstractions</b> Operator: Mr R Phillips Licence Number: 22/61/6/0041 Permit Version: 100 Location: Reservoir At Windsor Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Reservoir At Windsor Farm Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 15th July 1993 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A23SW (N)	1123	2	201260 201170
	<b>Water Abstractions</b> Operator: Robert Gordon, Andrew Robert James, David Edward & Ruth Phillips Licence Number: 22/61/6/0041 Permit Version: Not Supplied Location: Land At Windsor Farm, Windsor Farm, Lamphey, Pembroke, Pembrokeshire, Sa71 5nt Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A23SW (N)	1123	2	201260 201170

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Mr J Thomas  Licence Number: 22/61/6/0072  Permit Version: 100  Location: Reservoir 'B' Fed By Unnamed Stream  Authority: Environment Agency, Welsh Region  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Reservoir 'B' Fed By Unnamed Stream  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 31st March 2005  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 100m</p>	A11NE (W)	1136	4	200260 199990
	<p><b>Water Abstractions</b></p> <p>Operator: Mr J Thomas  Licence Number: 22/61/6/0072  Permit Version: 101  Location: Reservoir 'C' Fed By Unnamed Stream  Authority: Natural Resources Wales  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from a single point  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 November  Authorised End: 31 March  Permit Start Date: 1st April 2007  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	1138	2	200270 200100
	<p><b>Water Abstractions</b></p> <p>Operator: J J Thomas  Licence Number: 22/61/6/0072  Permit Version: Not Supplied  Location: Land At Alleston Farm  Authority: Natural Resources Wales  Abstraction: General Agriculture: Spray Irrigation - Storage  Abstraction Type: Water may be abstracted from any point within an area  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: Not Supplied  Authorised End: Not Supplied  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	1138	2	200270 200100
	<p><b>Water Abstractions</b></p> <p>Operator: J J Thomas  Licence Number: 22/61/6/0142  Permit Version: Not Supplied  Location: Not Supplied  Authority: Natural Resources Wales  Abstraction: Impounding  Abstraction Type: Not Supplied  Source: Surface  Daily Rate (m3): Not Supplied  Yearly Rate (m3): Not Supplied  Details: Not Supplied  Authorised Start: 01 January  Authorised End: 31 December  Permit Start Date: Not Supplied  Permit End Date: Not Supplied  Positional Accuracy: Located by supplier to within 10m</p>	A11NE (W)	1138	2	200270 200100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mr J Thomas Licence Number: 22/61/6/0072 Permit Version: 100 Location: Reservoir 'C' Fed By Unnamed Stream Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Reservoir 'C' Fed By Unnamed Stream Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1158	4	200250 200100
	<b>Water Abstractions</b> Operator: Mr J Thomas Licence Number: 22/61/6/0072 Permit Version: 100 Location: Reservoir 'A' Fed By Unnamed Stream (Existing Pond) Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Reservoir 'A' Fed By Unnamed Stream (Existing Pond) Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A11NE (W)	1163	4	200230 199950
	<b>Water Abstractions</b> Operator: Mr J Thomas Licence Number: 22/61/6/0072 Permit Version: 101 Location: Reservoir 'B' Fed By Unnamed Stream Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11NE (W)	1176	2	200220 199990
	<b>Water Abstractions</b> Operator: Mr J Thomas Licence Number: 22/61/6/0072 Permit Version: 101 Location: Reservoir 'A' Fed By Unnamed Stream (Existing Pond) Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 1st April 2007 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	A11SE (W)	1182	2	200210 199940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p><b>Water Abstractions</b></p> <p>Operator: Mr M R Morris Licence Number: 22/61/6/0026 Permit Version: 101 Location: North Reservoir For Use On Kingston Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 13th June 2008 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1494	2	199900 199700
	<p><b>Water Abstractions</b></p> <p>Operator: Mr R Morris Licence Number: 22/61/6/0026 Permit Version: 100 Location: North Reservoir For Use On Kingston Farm Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: North Reservoir For Use On Kingston Farm Authorised Start: 01 November Authorised End: 31 March Permit Start Date: 31st March 2005 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1494	4	199900 199700
	<p><b>Water Abstractions</b></p> <p>Operator: Michael Richard Morris Licence Number: 22/61/6/0026 Permit Version: Not Supplied Location: Land At Kingston Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A11SW (W)	1494	2	199900 199700
	<p><b>Water Abstractions</b></p> <p>Operator: Mr &amp; Mrs D John Licence Number: 22/61/6/0079 Permit Version: 100 Location: Pond Filled By Springs In Field No. Os0038 Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Pond Filled By Springs In Field No. Os 0038 Authorised Start: 01 April Authorised End: 31 October Permit Start Date: 14th August 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	(W)	1664	2	199800 199340

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mr & Mrs D.R & K.E John Licence Number: 22/61/6/0079 Permit Version: Not Supplied Location: Land At Lammaston Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(W)	1664	2	199800 199340
	<b>Water Abstractions</b> Operator: J R Phillips Farms Licence Number: 22/61/6/0028 Permit Version: 101 Location: Inland Water, Unnamed Stream To Beach, Freshwater East Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 August Permit Start Date: 15th September 2004 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1852	2	200850 198060
	<b>Water Abstractions</b> Operator: J R Phillips Farms Licence Number: 22/61/6/0028 Permit Version: Not Supplied Location: Abstraction From Freshwater East Stream Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(S)	1852	2	200850 198060
	<b>Water Abstractions</b> Operator: Mr J Phillips Licence Number: 22/61/6/0028 Permit Version: 100 Location: Freshwater East Stream Authority: Environment Agency, Welsh Region Abstraction: General Agriculture: Spray Irrigation - Storage Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Freshwater East Stream Authorised Start: 01 April Authorised End: 31 August Permit Start Date: 15th September 1972 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(S)	1884	4	200990 197990

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Water Abstractions</b> Operator: Mr & Mrs D John Licence Number: 22/61/6/0079 Permit Version: 100 Location: Unnamed Stream At Lammaston Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from a single point Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Unnamed Stream At Lammaston Authorised Start: 01 April Authorised End: 30 June Permit Start Date: 14th August 1987 Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SW)	1885	2	200480 198180
	<b>Water Abstractions</b> Operator: Mr & Mrs D.R & K.E John Licence Number: 22/61/6/0079 Permit Version: Not Supplied Location: Land At Lammaston Farm Authority: Natural Resources Wales Abstraction: General Agriculture: Spray Irrigation - Direct Abstraction Type: Water may be abstracted from any point within an area Source: Surface Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 10m	(SW)	1885	2	200480 198180
	<b>Groundwater Vulnerability Map</b> Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13NE (N)	0	2	201532 200000
	<b>Groundwater Vulnerability Map</b> Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SE (NE)	0	2	201532 199930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Groundwater Vulnerability Map</b> Combined Classification: Secondary Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: >550 mm/year Baseflow Index: >70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (SW)	0	2	201407 199840
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13SE (NE)	0	2	201532 199930
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Secondary Aquifer - A	A13SW (SW)	0	2	201407 199840
	<b>Bedrock Aquifer Designations</b> Aquifer Designation: Principal Aquifer	A13NE (N)	0	2	201532 200000
	<b>Superficial Aquifer Designations</b> No Data Available				
	<b>Extreme Flooding from Rivers or Sea without Defences</b> None				
	<b>Flooding from Rivers or Sea without Defences</b> None				
	<b>Areas Benefiting from Flood Defences</b> None				
	<b>Flood Water Storage Areas</b> None				
	<b>Flood Defences</b> None				
6	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 74.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SE (E)	0	5	201629 199921
7	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 251.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13NE (N)	0	5	201534 199966
8	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13NE (E)	2	5	201636 199961
9	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13NE (E)	6	5	201641 199961

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 71.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	12	5	201379 199885
11	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 54.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13NW (W)	12	5	201387 199949
12	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	14	5	201379 199885
13	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 19.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	14	5	201379 199904
14	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	14	5	201380 199921
15	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 39.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	15	5	201378 199882
16	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	15	5	201379 199884
17	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	15	5	201378 199909
18	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (W)	15	5	201379 199917



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 803.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SW (SW)	23	5	201373 199815
20	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 580.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13NW (W)	35	5	201386 199974
21	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 59.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SE (S)	138	5	201624 199685
22	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SE (S)	195	5	201636 199628
23	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 96.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A13SE (S)	200	5	201636 199623
24	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SE (NW)	512	5	201033 200374
25	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 70.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SE (NW)	516	5	201028 200374
26	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 30.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A12NE (W)	521	5	200877 199985
27	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 154.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A14SW (SE)	542	5	202182 199646

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SE (NW)	577	5	200959 200382
29	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SE (NW)	581	5	200954 200382
30	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 382.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SE (NW)	585	5	200950 200382
31	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 693.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A14NE (E)	662	5	202286 200195
32	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 76.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SW (S)	683	5	201421 199147
33	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 13.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SW (S)	683	5	201421 199147
34	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 7.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SW (S)	693	5	201429 199137
35	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 450.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SW (S)	697	5	201435 199132
36	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 43.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SW (S)	715	5	201489 199112

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
37	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 83.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A8SE (S)	721	5	201528 199105
38	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 376.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (NE)	774	5	202090 200679
39	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 41.2 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19SE (NE)	788	5	202251 200547
40	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 32.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A14NE (E)	795	5	202463 199942
41	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 222.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 2	A19NW (N)	804	5	201880 200816
42	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 267.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19SE (NE)	808	5	202243 200588
43	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (NE)	809	5	201951 200796
44	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 280.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A14SE (E)	816	5	202483 199920
45	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 110.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (NE)	831	5	201964 200814

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
46	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 96.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (N)	831	5	201903 200840
47	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 529.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A7NW (SW)	836	5	200665 199415
48	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 129.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	837	5	201851 200859
49	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 193.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (N)	838	5	201876 200853
50	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 129.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	841	5	201856 200863
51	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 122.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (NE)	849	5	202068 200783
52	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 2.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	858	5	201765 200898
53	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 64.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	859	5	201763 200899
54	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 67.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	894	5	201713 200940

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
55	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 241.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A18NE (N)	894	5	201713 200940
56	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 23.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A7SW (SW)	899	5	200731 199220
57	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 288.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A7SW (SW)	907	5	200710 199230
58	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 174.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19NW (NE)	920	5	202191 200786
59	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SW (NW)	927	5	200570 200387
60	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A17SW (NW)	931	5	200565 200387
61	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 51.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A23SE (N)	940	5	201759 200982
62	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 985.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A15SW (E)	950	5	202611 199629
63	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 211.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A15SW (E)	969	5	202627 199680

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
64	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19SE (NE)	980	5	202499 200521
65	<b>OS Water Network Lines</b> Watercourse Form: Lake Watercourse Length: 23.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A24SW (NE)	981	5	201991 200966
66	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 27.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A19SE (NE)	983	5	202504 200518
67	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A23SE (N)	986	5	201785 201024
68	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 8.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A16SE (NW)	990	5	200503 200388
69	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 193.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A23SW (N)	997	5	201509 201057
70	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 148.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A23SW (N)	997	5	201509 201057
71	<b>OS Water Network Lines</b> Watercourse Form: Inland river Watercourse Length: 263.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Milford Haven South and South Pembok Primacy: 1	A16SE (NW)	998	5	200495 200390

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
72	<b>Historical Landfill Sites</b> Licence Holder: J Thomas Location: Alleston Farm, Lower Lamphey Road, Pembroke, Pembrokeshire Name: Alleston Farm Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14833 First Input Date: 31st October 1993 Last Input Date: 31st December 1996 Specified Waste: Deposited Waste included Inert, Industrial and Household Waste Type: EA Waste Ref: 34171 Regis Ref: WV1/L/THO002 WRC Ref: 6845/0001 BGS Ref: Not Supplied Other Ref: 930001	A17SW (NW)	854	2	200670 200434
73	<b>Historical Landfill Sites</b> Licence Holder: Not Supplied Location: Lamphey, Pembrokeshire Name: Lamphey Bridge Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD14388 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Deposited Waste included Inert, Industrial, Commercial, Household and Type: Special Waste EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 6845/0043 BGS Ref: Not Supplied Other Ref: Not Supplied	A19NE (NE)	950	2	202392 200631
74	<b>Licensed Waste Management Facilities (Locations)</b> Licence Number: 34171 Location: Alleston Farm, Lower Lamphey Road, Pembroke, Pembrokeshire, SA71 5NJ Operator Name: Thomas J Operator Location: Not Supplied Authority: Natural Resources Wales Site Category: Landfills Taking Non-biodegradable Wastes (Not Construction) <b>Licence Status: Surrendered</b> Issued: 24th March 1993 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 9th January 2001 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	859	2	200700 200500
	<b>Local Authority Landfill Coverage</b> Name: Pembrokeshire County Council - Has supplied landfill data		0	3	201532 199930
75	<b>Local Authority Recorded Landfill Sites</b> Location: Alleston Farm, Lower Lamphey Road, Pembroke Reference: Not Supplied Authority: Pembrokeshire County Council, Environmental Health Department <b>Last Reported Status: Closed</b> Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Located by supplier to within 10m Boundary Quality: Not Applicable	A17SW (NW)	883	3	200651 200461
76	<b>Local Authority Recorded Landfill Sites</b> Location: Lamphey Bridge Landfill, Lamphey, Pembroke Reference: Not Supplied Authority: Pembrokeshire County Council, Environmental Health Department <b>Last Reported Status: Unknown</b> Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A19NE (NE)	948	3	202389 200630
77	<b>Potentially Infilled Land (Non-Water)</b> Bearing Ref: NW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A17SW (NW)	891	-	200629 200435

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
78	<p><b>Potentially Infilled Land (Water)</b></p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964</p>	A23SW (N)	966	-	201434 201028
79	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: W E L &amp; F Griffiths Licence Reference: WDL/1a/90 Site Location: Herberts Moor, Lamphey, Pembroke, Pembrokeshire Licence Easting: 201000 Licence Northing: 200200 Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st June 1990 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Approximate location provided by supplier Boundary Accuracy: Not Applicable Authorised Waste: Construction And Demolition Wastes Excavated Waste</p>	A13NW (NW)	209	4	201223 200087
80	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: Welsh Water Authority W.Wales Div Licence Reference: WDL/3/84 Site Location: Old Quarry, Sewage Pumping Station, Lamphey, Pembroke, Pembrokeshire Licence Easting: 201300 Licence Northing: 200400 Operator Location: Hawthorn Rise, Haverfordwest, Pembrokeshire Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Undefined Waste Source: No known restriction on source of waste Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st March 1984 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Soil,Subsoil Stone,Brick,Hardcore Prohibited Waste: Hazardous Wastes Liquid Wastes Metal Paper Plastics Toxic/Poisonous Wastes Wood</p>	A18SW (NW)	266	4	201344 200310
81	<p><b>Registered Landfill Sites</b></p> <p>Licence Holder: J Thomas Licence Reference: 930001 Site Location: Alleston Farm, Lower Lamphey Road, Lamphey, Pembroke, Pembrokeshire Licence Easting: 200650 Licence Northing: 200450 Operator Location: As Site Address Authority: Environment Agency Wales, South West Area Site Category: Landfill Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Licence has completion certificateSurrendered Dated: 24th March 1993 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Accuracy: Not Applicable Authorised Waste: Inert Hardcore, Stone, Etc Inert Topsoil, Subsoil</p>	A17SW (NW)	879	4	200650 200450



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>BGS 1:625,000 Solid Geology</b> Description: Dinantian Rocks (Undifferentiated)	A13SE (NE)	0	1	201532 199930
	<b>BGS Estimated Soil Chemistry</b> 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	A13SE (NE)	0	1	201532 199930
82	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246216 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	458	1	201006 200214
83	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246217 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	520	1	202178 200030
84	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246218 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	557	1	202191 200132
85	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246219 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	684	1	202164 200489

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
86	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246221 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	685	1	202353 199794
87	<b>BGS Recorded Mineral Sites</b> Site Name: Alleston Quarry Location: Pembroke, Pembroke Dock, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 90757 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	870	1	200655 200439
88	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Bridge Location: Lamphey, Pembroke Dock, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 90744 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Subgroup And Gully Oolite Formation (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	947	1	202391 200627
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> In an area that might not be affected by coal mining				
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (NE)	0	-	201532 199930
	<b>Natural Cavities</b> Easting: 201500 Northing: 199950 Distance: 0 Quadrant Reference: A13 Quadrant Reference: NW Bearing Ref: NW Cavity Type: Swallow Hole Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone Superficial Geology: No Details Detail:	A13NW (NW)	0	6	201500 199950
	<b>Natural Cavities</b> Easting: 202350 Northing: 199500 Distance: 753 Quadrant Reference: A9 Quadrant Reference: NE Bearing Ref: SE Cavity Type: Swallow Hole Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology: No Details Detail:	A9NE (SE)	753	6	202350 199500
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	141	1	201356 199694
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	201407 199840
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201539 199934
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	69	1	201462 199727
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	141	1	201356 199694
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	201407 199840
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (more than 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200002
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a Higher probability radon area (more than 30% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200002
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: Full radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	<b>Contemporary Trade Directory Entries</b> Name: Flemish Stoves Location: Hafod, Freshwater East Road, Lamphey, Pembroke, Dyfed, SA71 5JX Classification: Woodburning Stoves Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A13NW (N)	82	-	201462 200142
90	<b>Contemporary Trade Directory Entries</b> Name: Phil Jenkins Caravan Repairs & Service Location: Cleggars Farm, Lamphey, Pembroke, Dyfed, SA71 5JT Classification: Caravans - Servicing & Repairs Status: <b>Inactive</b> Positional Accuracy: Automatically positioned to the address	A14SE (E)	559	-	202227 199874
91	<b>Fuel Station Entries</b> Name: Lamphey Service Station Location: Pembroke Road, Lamphey, Pembroke, Pembrokeshire, SA71 5NW Brand: MURCO Premises Type: Petrol Station Status: <b>Open</b> Positional Accuracy: Manually positioned to the address or location	A13NW (N)	187	-	201521 200244
92	<b>Points of Interest - Commercial Services</b> Name: Lamphey Service Station Location: Lamphey, Pembroke, SA71 5NW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (N)	187	7	201521 200244
92	<b>Points of Interest - Commercial Services</b> Name: Car Wash Location: Lamphey, Pembroke, SA71 5NW Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NW (N)	187	7	201521 200244
93	<b>Points of Interest - Manufacturing and Production</b> Name: Tank Location: SA71 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	362	7	201390 199469
93	<b>Points of Interest - Manufacturing and Production</b> Name: D J A H & P G Collins Location: Freshwater East Road, Lamphey, Pembroke, SA71 5JY Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A8NW (SW)	377	7	201321 199461
94	<b>Points of Interest - Manufacturing and Production</b> Name: R G Phillips Location: Westfields, Lamphey, Pembroke, SA71 5NS Category: Farming Class Code: Livestock Farming Positional Accuracy: Positioned to address or location	A18SW (N)	518	7	201358 200573
95	<b>Points of Interest - Manufacturing and Production</b> Name: Lime Kiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to address or location	A14NW (E)	559	7	202201 200096
95	<b>Points of Interest - Manufacturing and Production</b> Name: Limekiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A14NE (E)	580	7	202224 200094
96	<b>Points of Interest - Manufacturing and Production</b> Name: Lime Kiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to address or location	A14SE (E)	684	7	202351 199784
97	<b>Points of Interest - Manufacturing and Production</b> Name: Lime Kiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to address or location	A19SW (NE)	699	7	202186 200487

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
97	<b>Points of Interest - Manufacturing and Production</b> Name: Limekiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A19SE (NE)	727	7	202217 200493
98	<b>Points of Interest - Manufacturing and Production</b> Name: Limekiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to an adjacent address or location	A19NE (NE)	872	7	202234 200688
98	<b>Points of Interest - Manufacturing and Production</b> Name: Lime Kiln (Disused) Location: SA71 Category: Industrial Features Class Code: Lime Kilns Positional Accuracy: Positioned to address or location	A19NE (NE)	880	7	202235 200698
99	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Pumping Station Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A13SE (E)	130	7	201798 199928
100	<b>Points of Interest - Public Infrastructure</b> Name: Lamphey Service Station Location: Lamphey, Pembroke, SA71 5NW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (N)	186	7	201522 200242
100	<b>Points of Interest - Public Infrastructure</b> Name: Lamphey Service Station Location: Lamphey, Pembroke, SA71 5NW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (N)	187	7	201521 200244
100	<b>Points of Interest - Public Infrastructure</b> Name: Lamphey Service Station Location: Lamphey, Pembroke, SA71 5NW Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A13NW (N)	187	7	201521 200244
101	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	321	7	201415 199509
102	<b>Points of Interest - Public Infrastructure</b> Name: Lamphey Rail Station Location: SA71 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SW (N)	329	7	201463 200390
102	<b>Points of Interest - Public Infrastructure</b> Name: Lamphey Halt Location: Nr Lower Lamphey Road, SA71 Category: Public Transport, Stations and Infrastructure Class Code: Railway Stations, Junctions and Halts Positional Accuracy: Positioned to address or location	A18SW (N)	329	7	201463 200390
103	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A8NW (S)	464	7	201479 199364
104	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Works Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	764	7	201922 200759

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
104	<b>Points of Interest - Public Infrastructure</b> Name: Sewage Farm Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to address or location	A19NW (N)	786	7	201880 200798
105	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Pond Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	876	7	200539 200116
105	<b>Points of Interest - Public Infrastructure</b> Name: Slurry Bed Location: SA71 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12NW (W)	879	7	200536 200117
106	<b>Points of Interest - Recreational and Environmental</b> Name: Playground Location: St Faith'S, SA71 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A18SE (N)	401	7	201656 200450

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
107	<b>Ancient Woodland</b> Name: Not Supplied Reference: 139 Area(m <sup>2</sup> ): 3484.59 Type: Ancient and Semi-Natural Woodland	A13SW (SW)	236	2	201322 199606
108	<b>Ancient Woodland</b> Name: Not Supplied Reference: 137 Area(m <sup>2</sup> ): 2890.67 Type: Ancient and Semi-Natural Woodland	A8NW (S)	389	2	201345 199442
109	<b>Ancient Woodland</b> Name: Not Supplied Reference: 155 Area(m <sup>2</sup> ): 7608.48 Type: Restored Ancient Woodland Site	A14NW (E)	502	2	202146 200082
110	<b>Ancient Woodland</b> Name: Not Supplied Reference: 140 Area(m <sup>2</sup> ): 3489.59 Type: Ancient and Semi-Natural Woodland	A14NE (E)	594	2	202235 200106
111	<b>Ancient Woodland</b> Name: Not Supplied Reference: 141 Area(m <sup>2</sup> ): 17189.88 Type: Ancient and Semi-Natural Woodland	A14NE (E)	671	2	202321 200084
112	<b>Ancient Woodland</b> Name: Not Supplied Reference: 136 Area(m <sup>2</sup> ): 9399.59 Type: Ancient and Semi-Natural Woodland	A8SW (S)	822	2	201381 199010
113	<b>Ancient Woodland</b> Name: Not Supplied Reference: 156 Area(m <sup>2</sup> ): 2786.89 Type: Restored Ancient Woodland Site	A19NW (N)	834	2	201903 200840
114	<b>Ancient Woodland</b> Name: Not Supplied Reference: 160 Area(m <sup>2</sup> ): 26584.91 Type: Restored Ancient Woodland Site	A18NE (N)	864	2	201748 200906
115	<b>Ancient Woodland</b> Name: Not Supplied Reference: 5898 Area(m <sup>2</sup> ): 2609.86 Type: Ancient and Semi-Natural Woodland	A7SW (SW)	900	2	200724 199226
116	<b>Ancient Woodland</b> Name: Not Supplied Reference: 159 Area(m <sup>2</sup> ): 20184.04 Type: Restored Ancient Woodland Site	A19NW (NE)	942	2	201979 200928
117	<b>Ancient Woodland</b> Name: Not Supplied Reference: 50378 Area(m <sup>2</sup> ): 12708.97 Type: Ancient Woodland Site of Unknown Category	A11NE (W)	980	2	200433 200117
118	<b>Ancient Woodland</b> Name: Not Supplied Reference: 129 Area(m <sup>2</sup> ): 5140.25 Type: Ancient and Semi-Natural Woodland	A9SE (SE)	996	2	202426 199174
119	<b>National Parks</b> Name: Pembrokeshire Coast Multiple Area: Y Area (m <sup>2</sup> ): 116527029.52 Source: Natural Resources Wales Status: <b>Fully Designated - designated as a National Park</b> Designation Date: 31st December 1951	A13SE (NE)	0	2	201532 199930



Agency & Hydrological	Version	Update Cycle
<b>Contaminated Land Register Entries and Notices</b> Natural Resources Wales Pembrokeshire County Council - Public Protection Division	June 2020 September 2017	Annually Annual Rolling Update
<b>Discharge Consents</b> Environment Agency - Welsh Region Natural Resources Wales	August 2014 July 2022	Quarterly Quarterly
<b>Enforcement and Prohibition Notices</b> Environment Agency - Welsh Region	March 2013	
<b>Integrated Pollution Controls</b> Environment Agency - Welsh Region	January 2009	
<b>Integrated Pollution Prevention And Control</b> Environment Agency - Welsh Region Natural Resources Wales	January 2021 July 2022	Quarterly Quarterly
<b>Local Authority Integrated Pollution Prevention And Control</b> Pembrokeshire County Council - Environmental Health Department	November 2015	Variable
<b>Local Authority Pollution Prevention and Controls</b> Pembrokeshire County Council - Environmental Health Department	November 2015	Annual Rolling Update
<b>Local Authority Pollution Prevention and Control Enforcements</b> Pembrokeshire County Council - Environmental Health Department	November 2015	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	August 2022	
<b>Pollution Incidents to Controlled Waters</b> Environment Agency - Welsh Region	December 1998	
<b>Prosecutions Relating to Authorised Processes</b> Environment Agency - Welsh Region Natural Resources Wales	July 2015 July 2015	
<b>Prosecutions Relating to Controlled Waters</b> Environment Agency - Welsh Region Natural Resources Wales	March 2013 March 2013	
<b>Registered Radioactive Substances</b> Natural Resources Wales Environment Agency - Welsh Region	January 2015 June 2016	As notified
<b>Substantiated Pollution Incident Register</b> Natural Resources Wales Environment Agency Wales - South West Area	August 2022 January 2021	Quarterly Quarterly
<b>Water Abstractions</b> Environment Agency - Welsh Region Natural Resources Wales	July 2022 July 2022	Quarterly Quarterly
<b>Water Industry Act Referrals</b> Natural Resources Wales Environment Agency - Welsh Region	July 2022 October 2017	Quarterly
<b>Groundwater Vulnerability Map</b> Natural Resources Wales	June 2018	As notified
<b>Bedrock Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Superficial Aquifer Designations</b> Natural Resources Wales	January 2018	Annually
<b>Source Protection Zones</b> Natural Resources Wales	July 2022	Annual Rolling Update
<b>Extreme Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	








Agency & Hydrological	Version	Update Cycle
<b>Flooding from Rivers or Sea without Defences</b> Natural Resources Wales	September 2020	
<b>Areas Benefiting from Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>Flood Water Storage Areas</b> Natural Resources Wales	August 2019	Quarterly
<b>Flood Defences</b> Natural Resources Wales	November 2019	Quarterly
<b>OS Water Network Lines</b> Ordnance Survey	July 2022	Quarterly
<b>Surface Water 1 in 30 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water 1 in 100 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water 1 in 1000 year Flood Extent</b> Natural Resources Wales	May 2018	Annually
<b>Surface Water Suitability</b> Natural Resources Wales	February 2016	Annually
<b>BGS Groundwater Flooding Susceptibility</b> British Geological Survey - National Geoscience Information Service	May 2013	As notified
Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	November 2002	As notified
<b>Historical Landfill Sites</b> Natural Resources Wales	July 2019	Quarterly
<b>Integrated Pollution Control Registered Waste Sites</b> Environment Agency - Welsh Region	January 2009	Not Applicable
<b>Licensed Waste Management Facilities (Landfill Boundaries)</b> Environment Agency Wales - South West Area Natural Resources Wales	July 2022 October 2021	Quarterly Quarterly
<b>Licensed Waste Management Facilities (Locations)</b> Environment Agency Wales - South West Area Natural Resources Wales	July 2021 July 2022	Quarterly Quarterly
<b>Local Authority Landfill Coverage</b> Pembrokeshire County Council - Environmental Health Department	February 2003	Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Pembrokeshire County Council - Environmental Health Department	October 2018	
<b>Potentially Infilled Land (Non-Water)</b> Landmark Information Group Limited	December 1999	Not Applicable
<b>Potentially Infilled Land (Water)</b> Landmark Information Group Limited	December 1999	
<b>Registered Landfill Sites</b> Environment Agency Wales - South West Area	March 2006	Not Applicable
<b>Registered Waste Transfer Sites</b> Environment Agency Wales - South West Area	April 2018	
<b>Registered Waste Treatment or Disposal Sites</b> Environment Agency Wales - South West Area	June 2015	

Hazardous Substances	Version	Update Cycle
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	January 2022	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	March 2017	Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	August 2001	
<b>Planning Hazardous Substance Enforcements</b> Pembrokeshire Coast National Park Authority - Development Control Pembrokeshire County Council - Planning Department	February 2016 October 2015	Variable Variable
<b>Planning Hazardous Substance Consents</b> Pembrokeshire Coast National Park Authority - Development Control Pembrokeshire County Council - Planning Department	February 2016 October 2015	Variable Variable
Geological	Version	Update Cycle
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	January 2009	As notified
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	December 2015	As notified
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	Annually

Industrial Land Use	Version	Update Cycle
<b>Contemporary Trade Directory Entries</b> Thomson Directories	July 2022	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	August 2022	Quarterly
<b>Gas Pipelines</b> National Grid	October 2021	Bi-Annually
<b>Points of Interest - Commercial Services</b> PointX	September 2022	Quarterly
<b>Points of Interest - Education and Health</b> PointX	September 2022	Quarterly
<b>Points of Interest - Manufacturing and Production</b> PointX	September 2022	Quarterly
<b>Points of Interest - Public Infrastructure</b> PointX	September 2022	Quarterly
<b>Points of Interest - Recreational and Environmental</b> PointX	September 2022	Quarterly
<b>Underground Electrical Cables</b> National Grid	May 2021	Bi-Annually

Sensitive Land Use	Version	Update Cycle
<b>Ancient Woodland</b> Natural Resources Wales	September 2018	Bi-Annually
<b>Areas of Adopted Green Belt</b> Pembrokeshire Coast National Park Authority - Development Control Pembrokeshire County Council	July 2022 July 2022	Quarterly Quarterly
<b>Areas of Unadopted Green Belt</b> Pembrokeshire Coast National Park Authority - Development Control Pembrokeshire County Council	July 2022 July 2022	Quarterly Quarterly
<b>Areas of Outstanding Natural Beauty</b> Natural Resources Wales	August 2022	Bi-Annually
<b>Environmentally Sensitive Areas</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside)	January 2017	
<b>Forest Parks</b> Forestry Commission	April 1997	Not Applicable
<b>Local Nature Reserves</b> Pembrokeshire County Council	August 2018	Bi-Annually
<b>Marine Nature Reserves</b> Natural Resources Wales	August 2018	Bi-Annually
<b>National Nature Reserves</b> Natural Resources Wales	February 2022	Bi-Annually
<b>National Parks</b> Natural Resources Wales	February 2018	Annually
<b>Nitrate Vulnerable Zones</b> The National Assembly for Wales - GI Services (Department of Planning & Countryside) Natural Resources Wales	April 2016 July 2019	Bi-Annually
<b>Ramsar Sites</b> Natural Resources Wales	July 2019	Bi-Annually
<b>Sites of Special Scientific Interest</b> Natural Resources Wales	March 2020	Bi-Annually
<b>Special Areas of Conservation</b> Natural Resources Wales Natural England	August 2020 July 2020	Bi-Annually Bi-Annually
<b>Special Protection Areas</b> Natural Resources Wales	August 2018	Bi-Annually

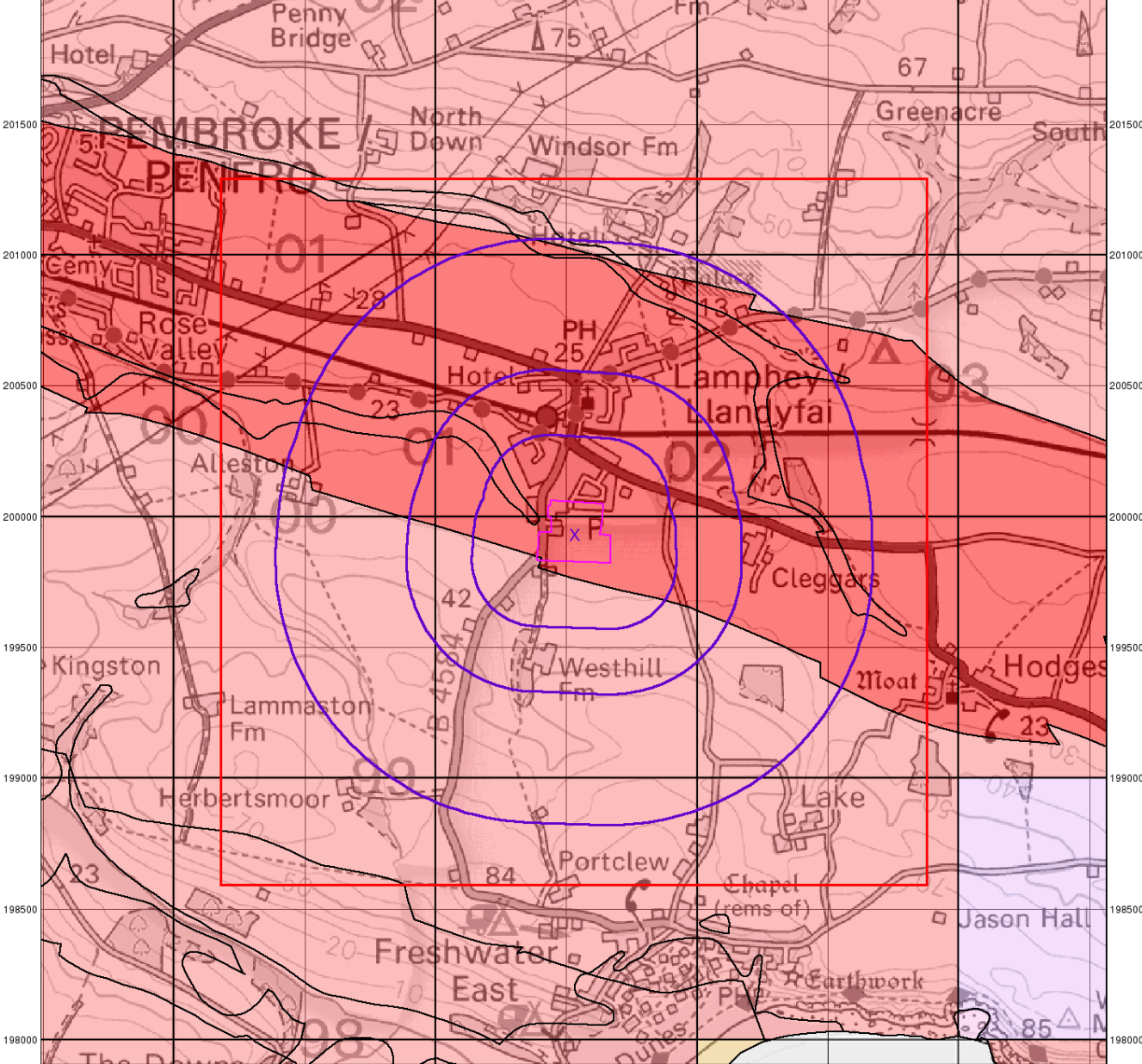
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	 <b>British Geological Survey</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Centre for Ecology and Hydrology	 <b>Centre for Ecology &amp; Hydrology</b> <small>NATURAL ENVIRONMENT RESEARCH COUNCIL</small>
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Stantec UK Ltd	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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	<b>Natural Resources Wales</b> Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.uk
3	<b>Pembrokeshire County Council - Environmental Health Department</b> Public Protection Division, Pembrokeshire County Council, County Hall, Haverfordwest, Pembrokeshire, SA61 1TP	Telephone: 01437 764551 Fax: 01437 775838 Website: www.pembrokeshire.gov.uk
4	<b>Environment Agency - National Customer Contact Centre (NCCC)</b> PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
5	<b>Ordnance Survey</b> Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	<b>Stantec UK Ltd</b> Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
7	<b>PointX</b> 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	<b>Pembrokeshire County Council</b> PO Box 27, Cambrian House, Haverfordwest, Pembrokeshire, SA61 1TP	Telephone: 01437 764551 Fax: 01437 760703 Website: www.pembrokeshire.gov.uk
9	<b>Natural England</b> County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	<b>Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	<b>Landmark Information Group Limited</b> 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

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

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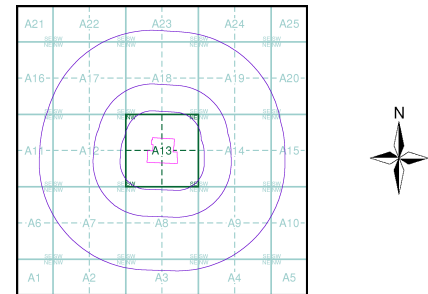


### Groundwater Vulnerability

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

- Agency and Hydrological**
- | Bedrock Aquifers                        |   | Superficial Aquifers                    |   |
|---|---|---|---|
| High Vulnerability, Principal Aquifer   | High Vulnerability, Principal Aquifer   | High Vulnerability, Secondary Aquifer   | High Vulnerability, Secondary Aquifer   |
| High Vulnerability, Secondary Aquifer   | Medium Vulnerability, Principal Aquifer | High Vulnerability, Secondary Aquifer   | Medium Vulnerability, Principal Aquifer |
| Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Principal Aquifer | Medium Vulnerability, Secondary Aquifer |
| Medium Vulnerability, Secondary Aquifer | Low Vulnerability, Principal Aquifer    | Medium Vulnerability, Secondary Aquifer | Medium Vulnerability, Secondary Aquifer |
| Low Vulnerability, Principal Aquifer    | Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Principal Aquifer    | Low Vulnerability, Principal Aquifer    |
| Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Secondary Aquifer    | Low Vulnerability, Secondary Aquifer    |
- Unproductive Aquifer  
 Soluble Rock

### Site Sensitivity Context Map - Slice A



### Order Details

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

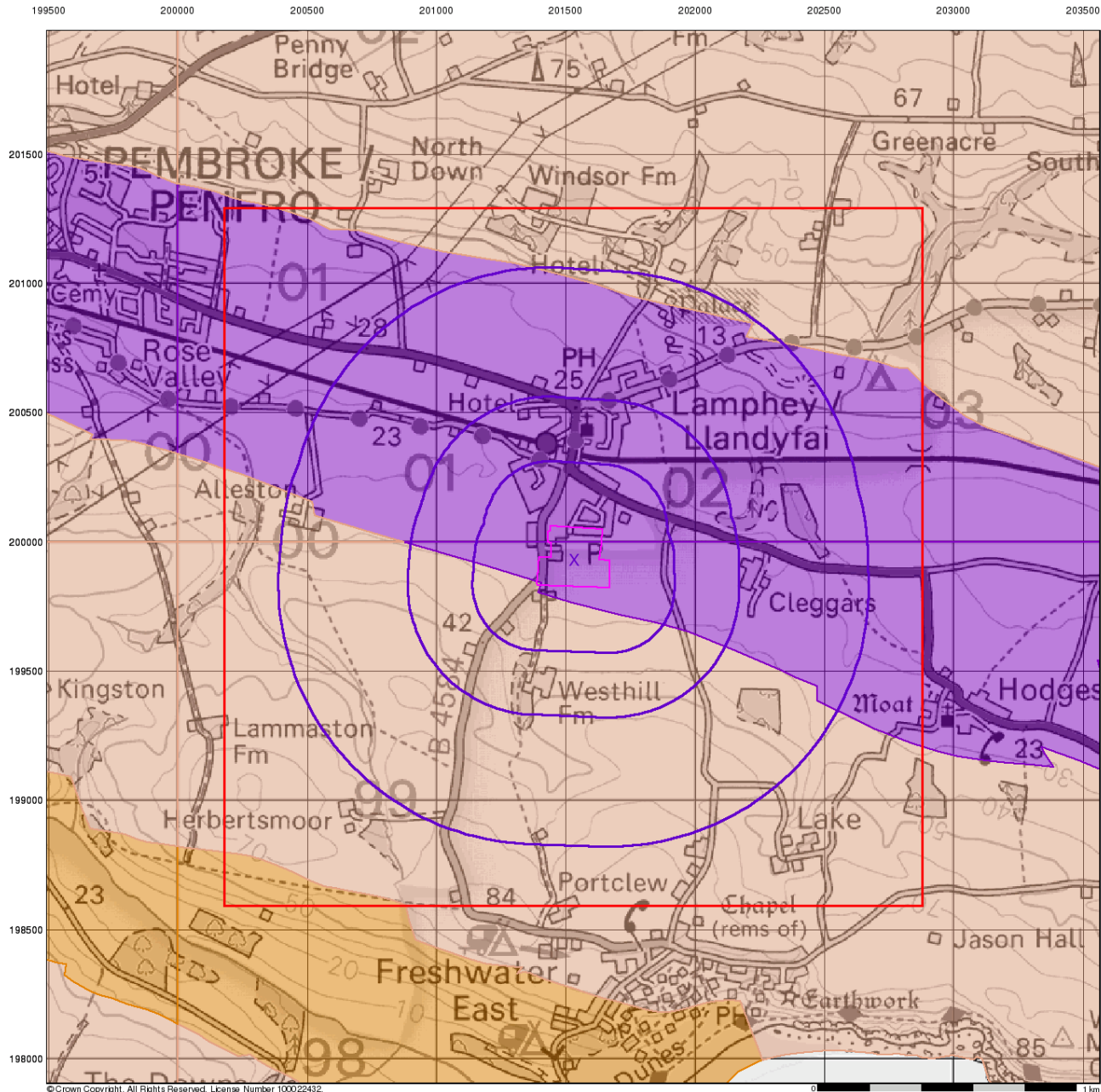
### Site Details

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## Bedrock Aquifer Designation

### General

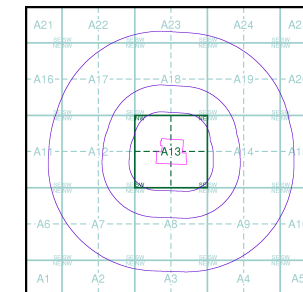
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

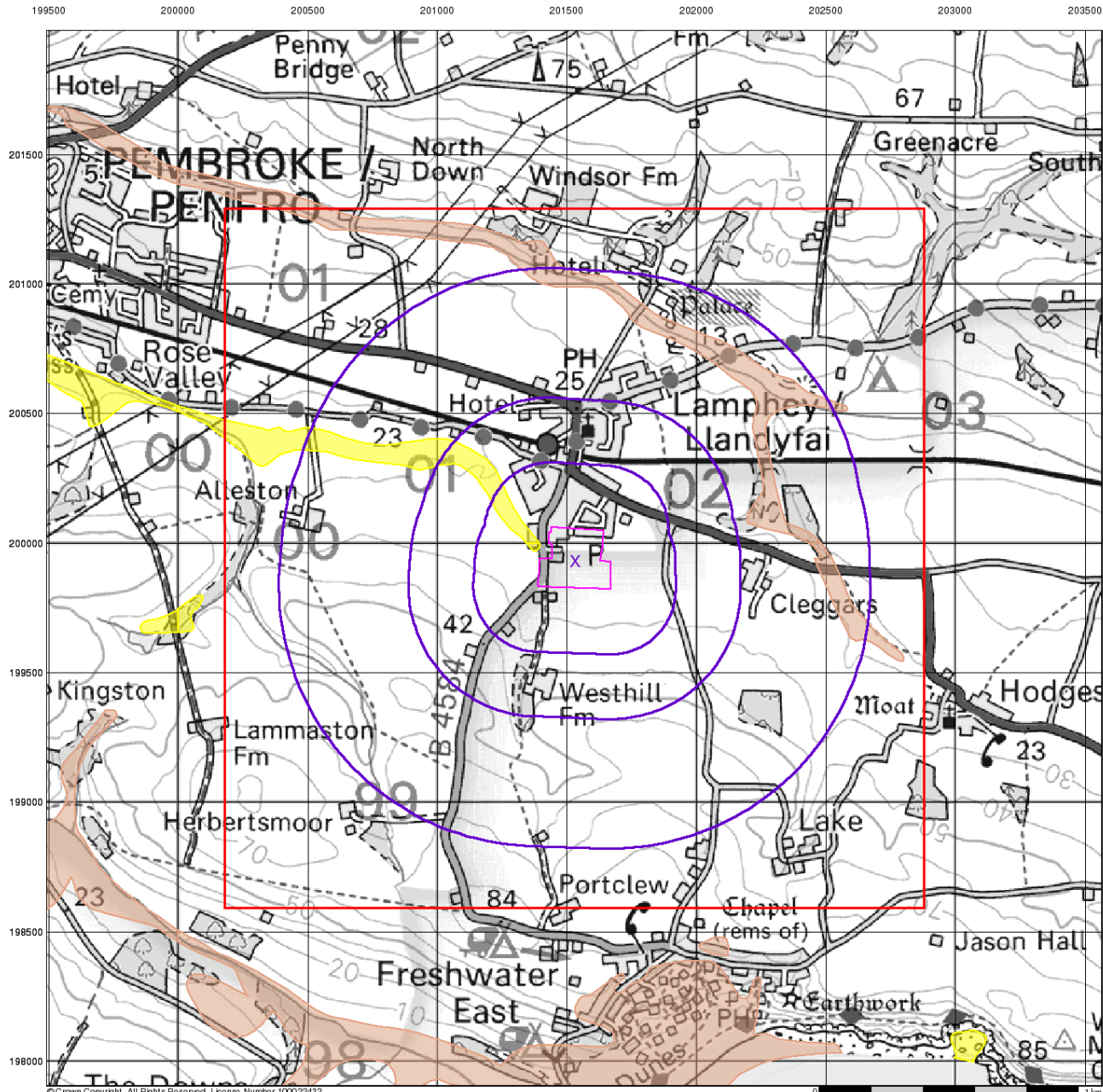
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 Search Buffer (m): 1000

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## Superficial Aquifer Designation

### General

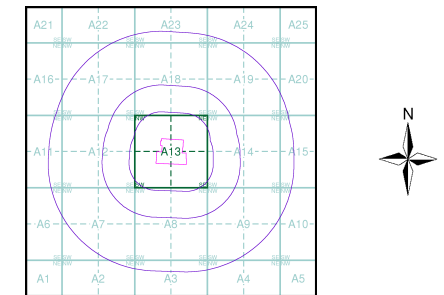
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Slice
- Map ID

### Agency and Hydrological

#### Geological Classes

- Principal Aquifer
- Secondary A Aquifer
- Secondary B Aquifer
- Secondary Undifferentiated
- Unproductive Strata
- Unknown
- Unknown (Lakes and Landslip)

### Site Sensitivity Context Map - Slice A



### Order Details

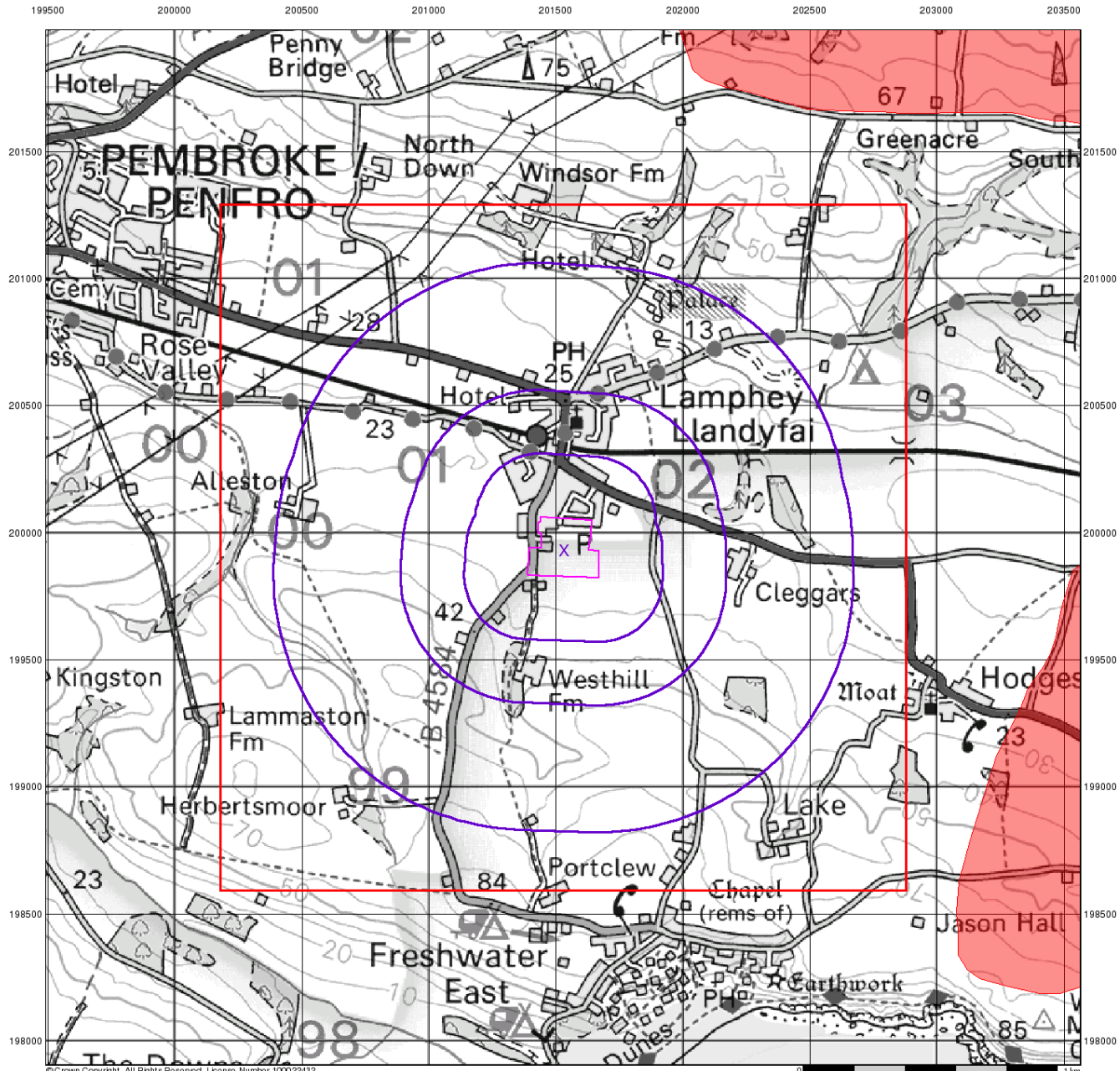
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 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

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### Source Protection Zones

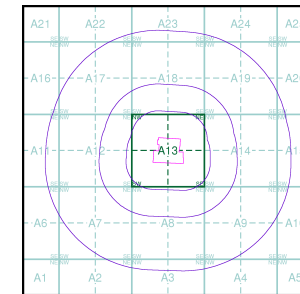
#### General

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

#### Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

### Site Sensitivity Context Map - Slice A



#### Order Details

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
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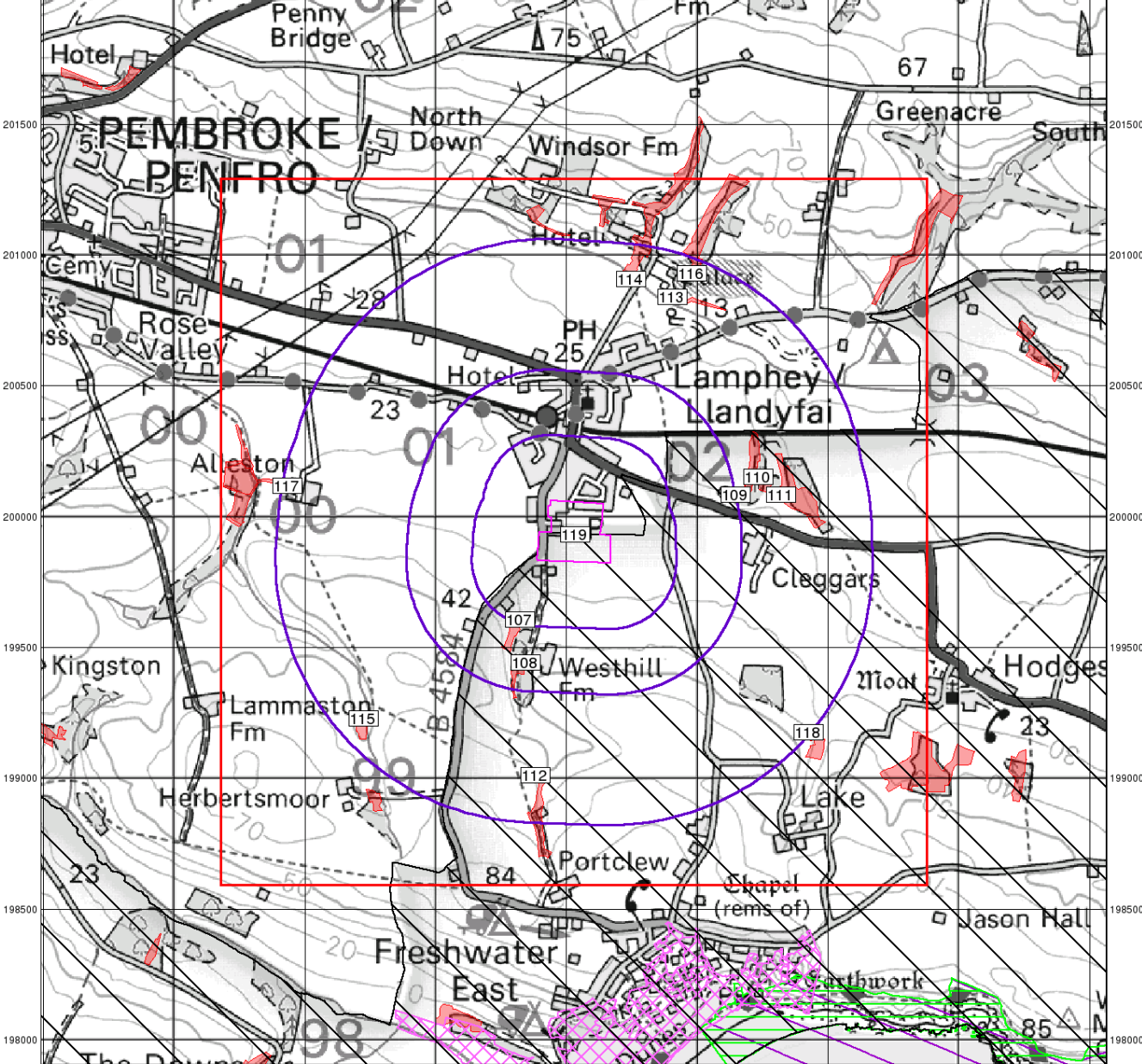
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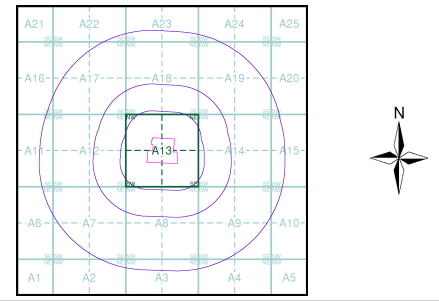
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### Sensitive Land Uses

- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Slice
  - Map ID
- Sensitive Land Uses**
- Ancient Woodland
  - Area of Adopted Green Belt
  - Area of Unadopted Green Belt
  - Area of Outstanding Natural Beauty
  - Environmentally Sensitive Area
  - Forest Park
  - Local Nature Reserve
  - Marine Nature Reserve
  - National Nature Reserve
  - National Park
  - Nitrate Sensitive Area
  - Nitrate Vulnerable Zone
  - Ramsar Site
  - Site of Special Scientific Interest
  - Special Area of Conservation
  - Special Protection Area
  - World Heritage Sites

### Site Sensitivity Context Map - Slice A



### Order Details

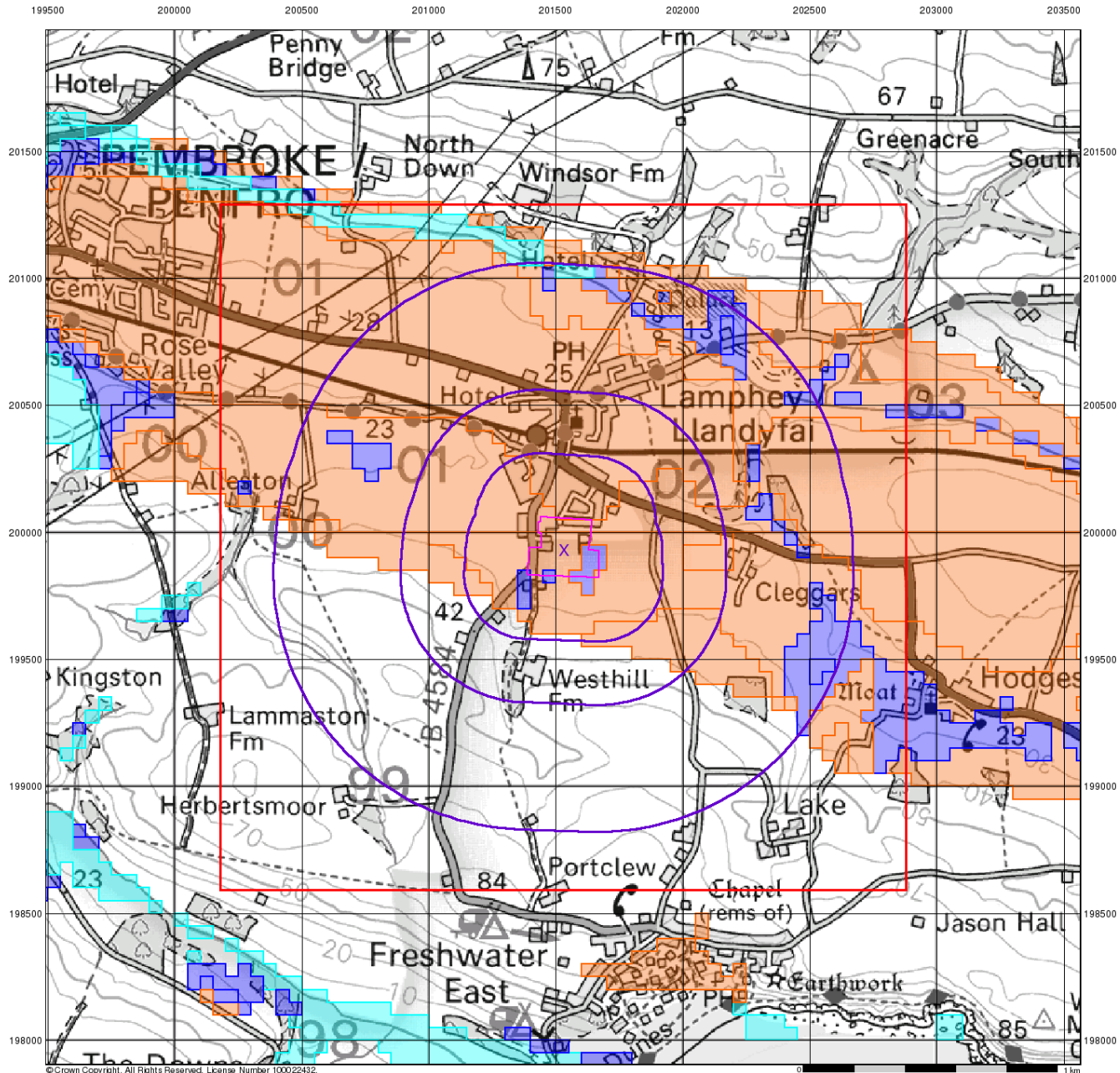
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 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

### Site Details

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**BGS Flood GFS Data**

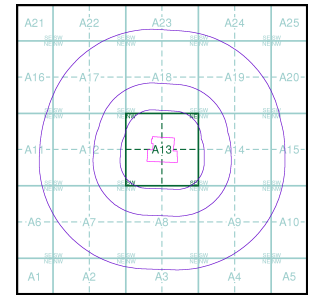
**General**

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

**Agency and Hydrological (Flood)**

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

**Site Sensitivity Context Map - Slice A**



**Order Details**

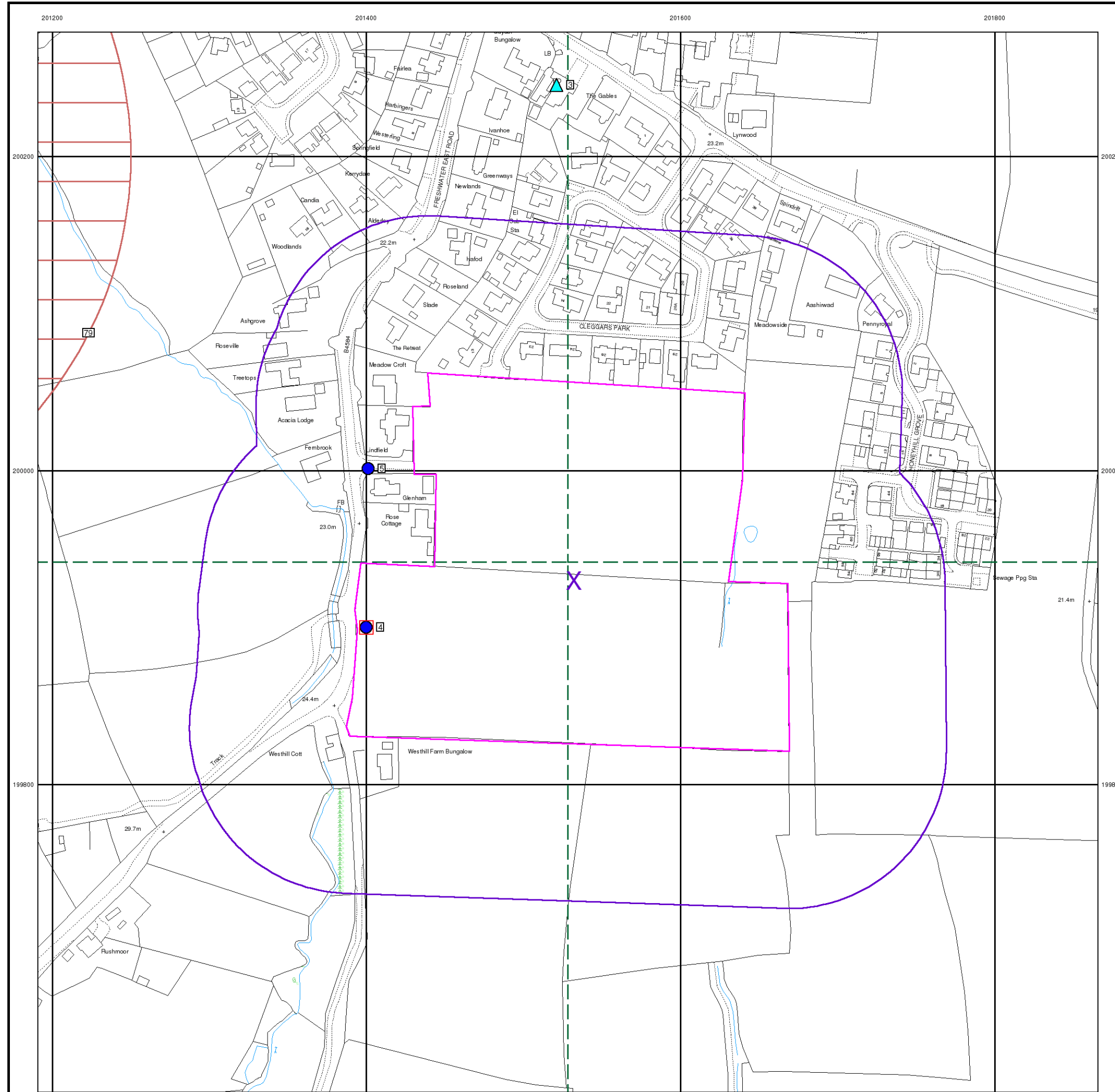
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 Search Buffer (m): 1000

**Site Details**

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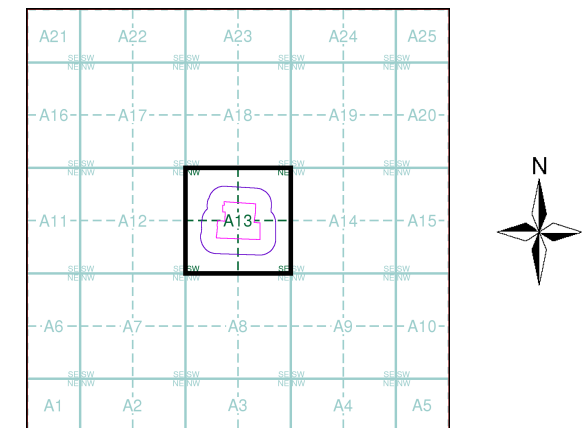


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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
  - Pylon
  - Overhead Transmission Line
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)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

**Site Sensitivity Map - Segment A13**



**Order Details**

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Plot Buffer (m): 100

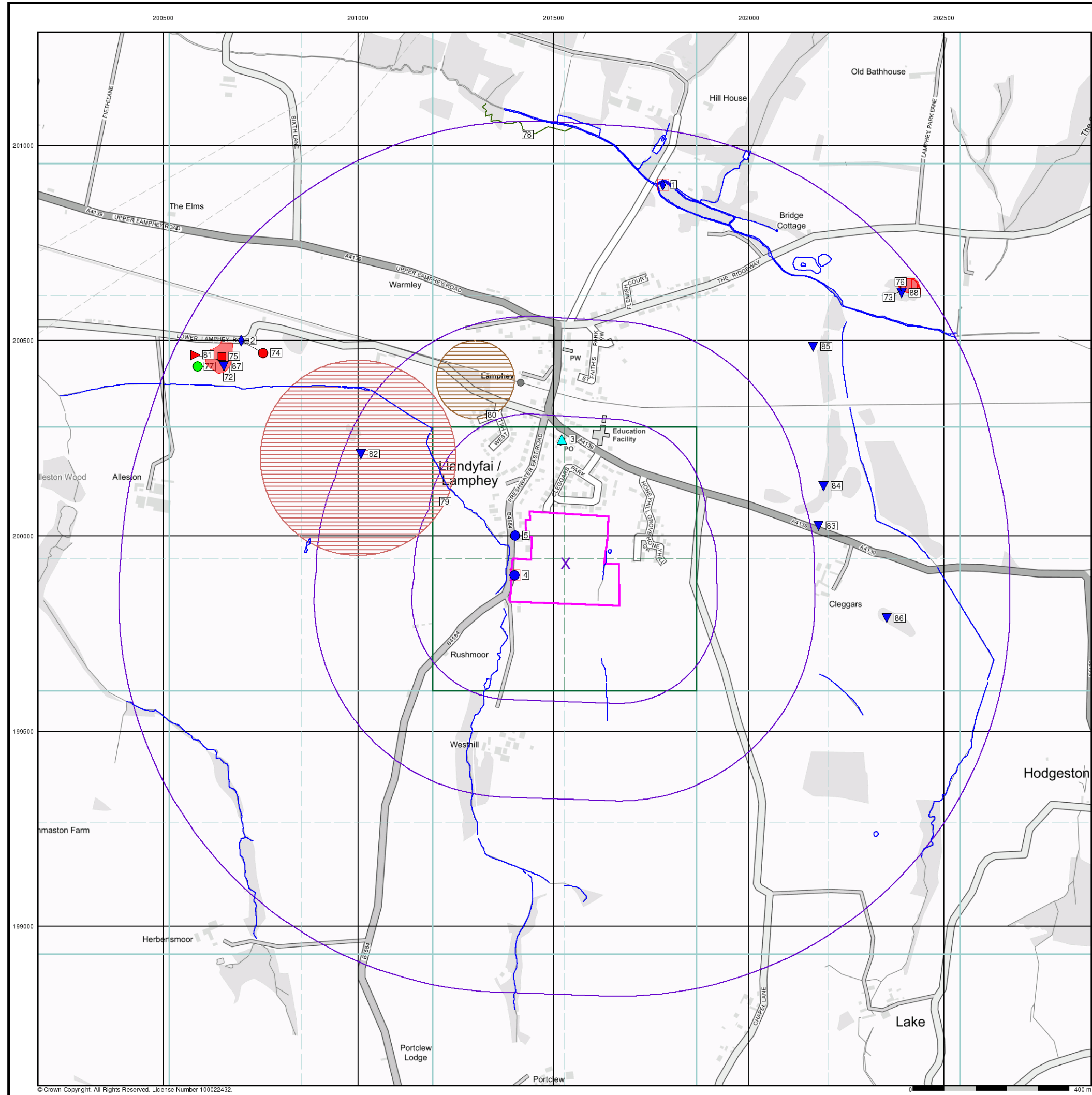
**Site Details**

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**Landmark**  
 INFORMATION GROUP

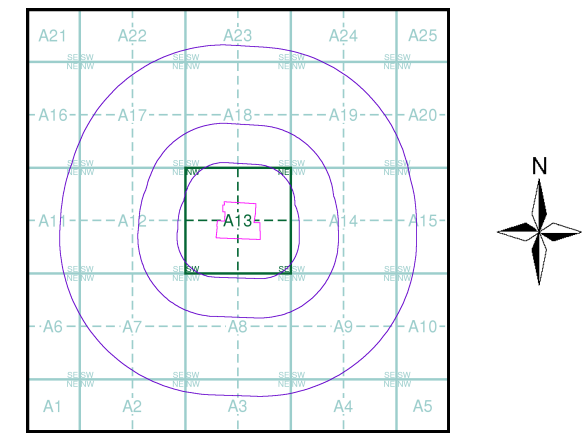
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- General**
- Specified Site
  - Specified Buffer(s)
  - Bearing Reference Point
  - Map ID
  - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
  - Contaminated Land Register Entry or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

**Site Sensitivity Map - Slice A**



**Order Details**

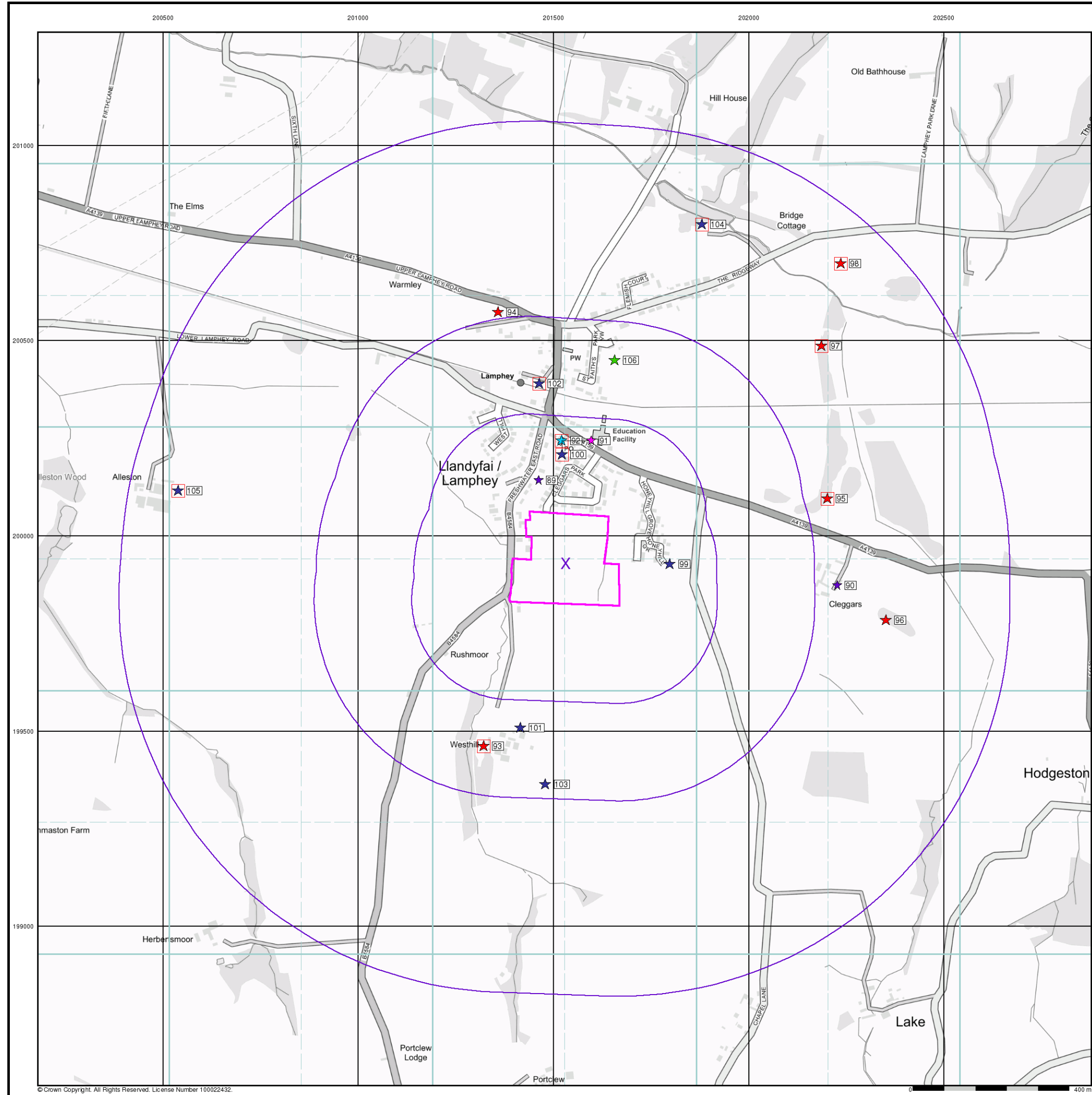
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 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

**Site Details**

Fernbrook, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY

**Landmark**  
 INFORMATION GROUP

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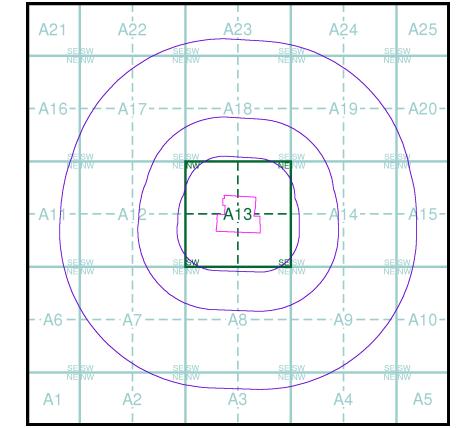


### Industrial Land Use Map

- 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 A



**Order Details**

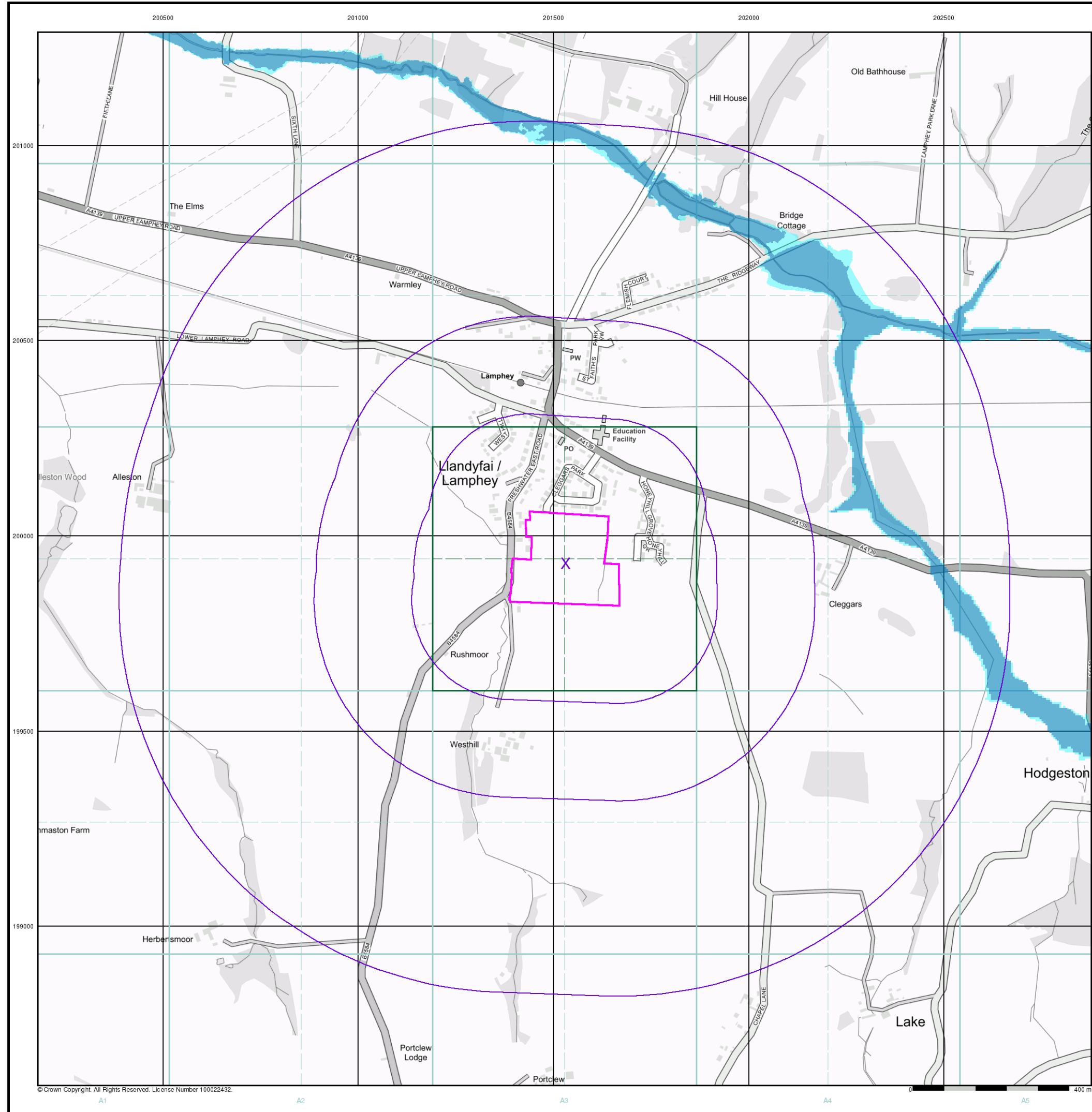
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 Site Area (Ha): 5.43  
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**Site Details**  
 Fernbrook, Freshwater East Road, Lamphey, PEMBROKE,  
 SA71 5JY

**Landmark**  
 INFORMATION GROUP

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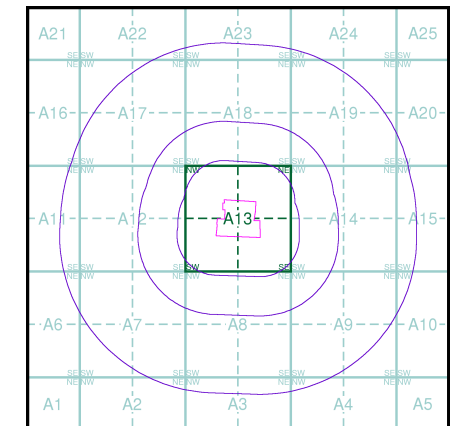
**General**

- Specified Site
- Specified Buffer(s)
- 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 A**



**Order Details**

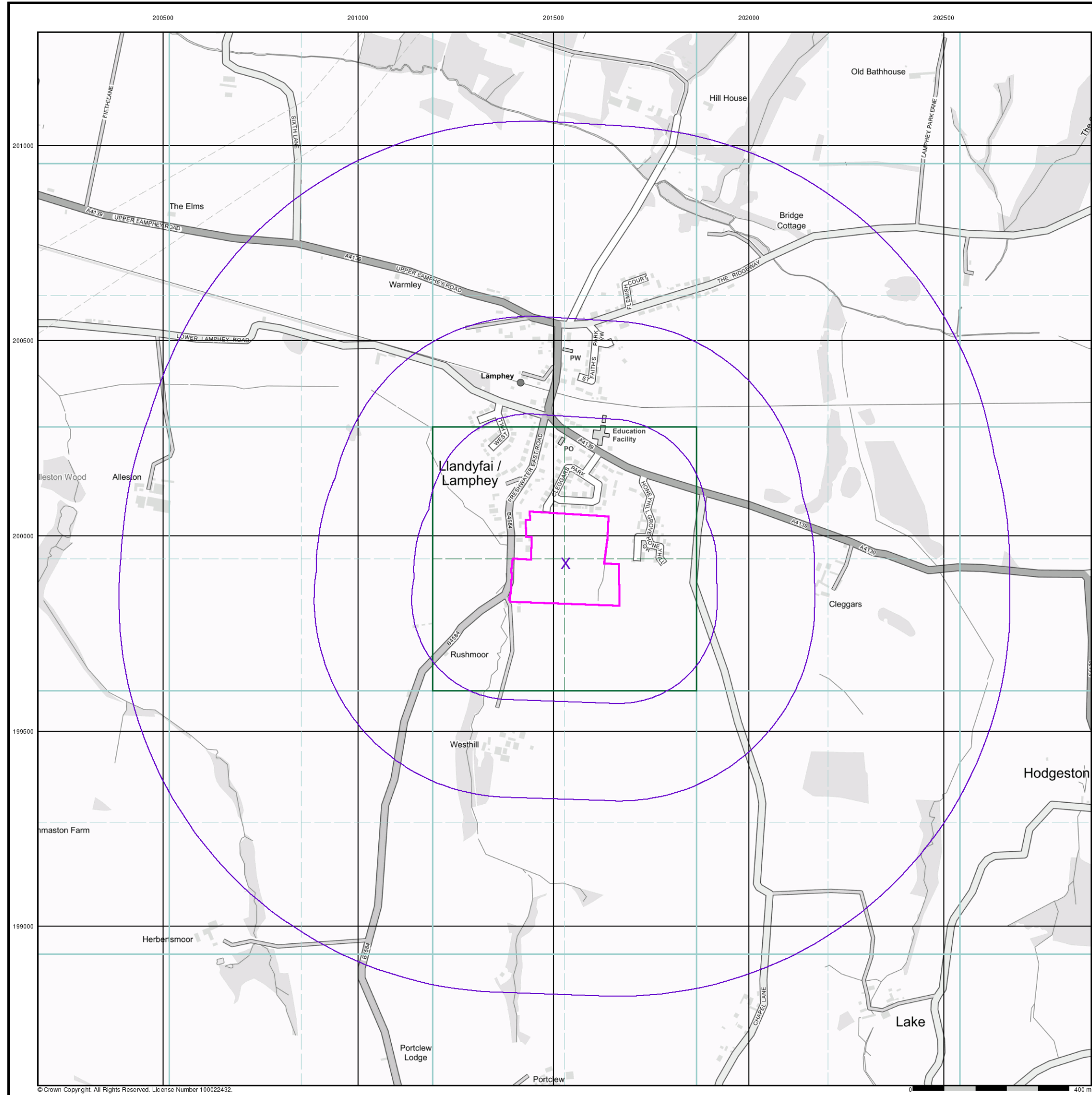
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

**Site Details**

Fernbrook, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY



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**General**

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

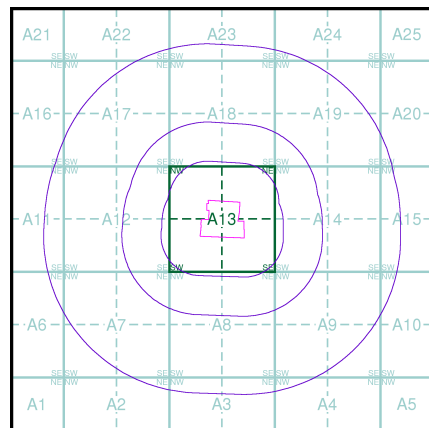
**Agency and Hydrological (Boreholes)**

- 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](http://www.envirocheck.co.uk).

**Borehole Map - Slice A**



**Order Details**

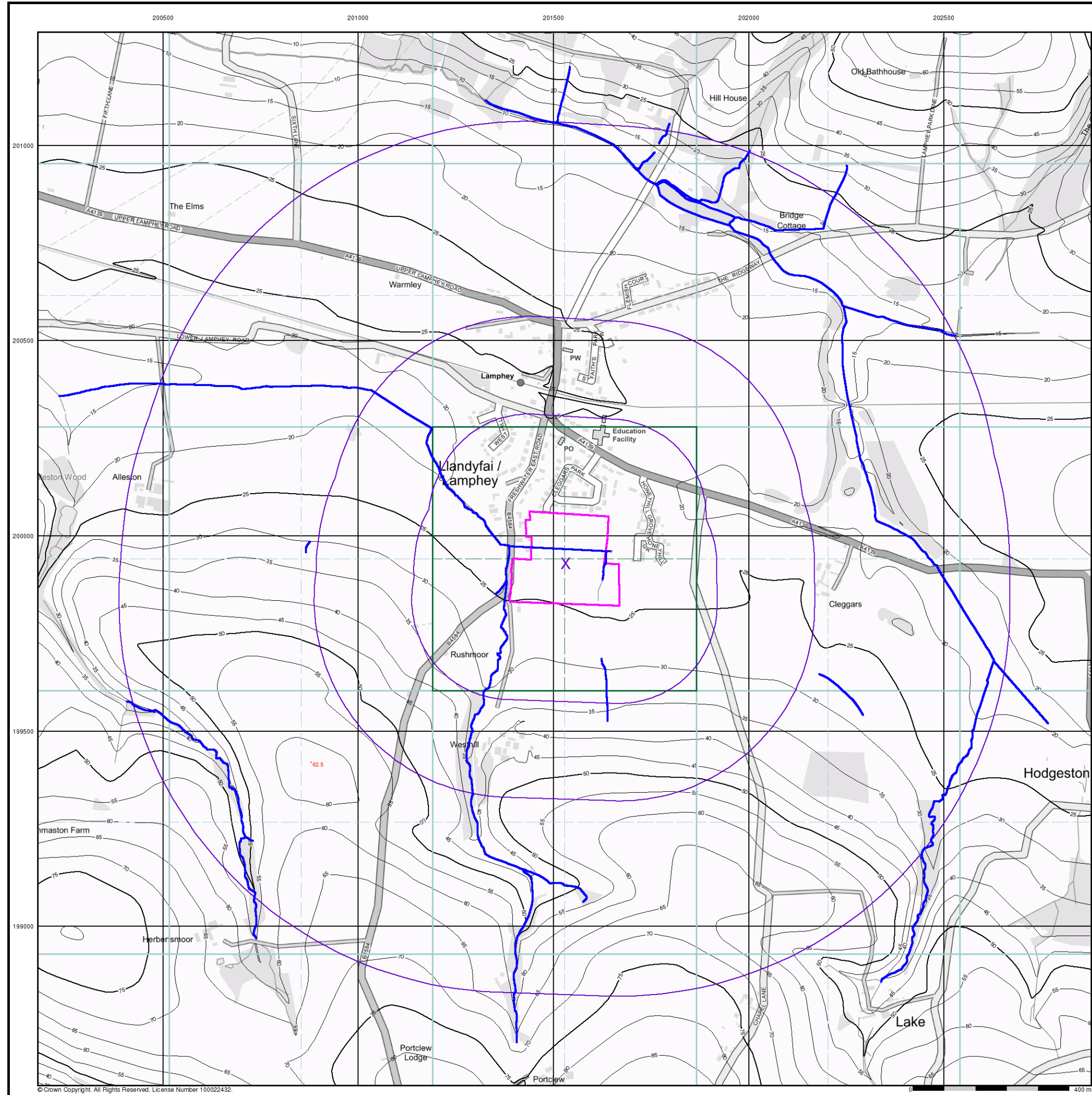
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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**Site Details**

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**General**

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

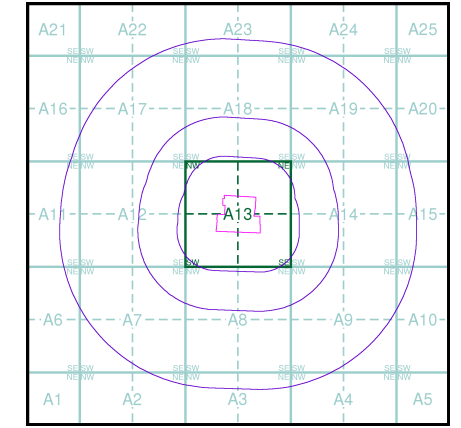
**OS Water Network Data**

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

**Contours (height in meters)**

- Standard Contour 105 Mean Low Water
- Master Contour 100 Mean High Water
- Spot Height 167.3

**OS Water Network Map - Slice A**



**Order Details**

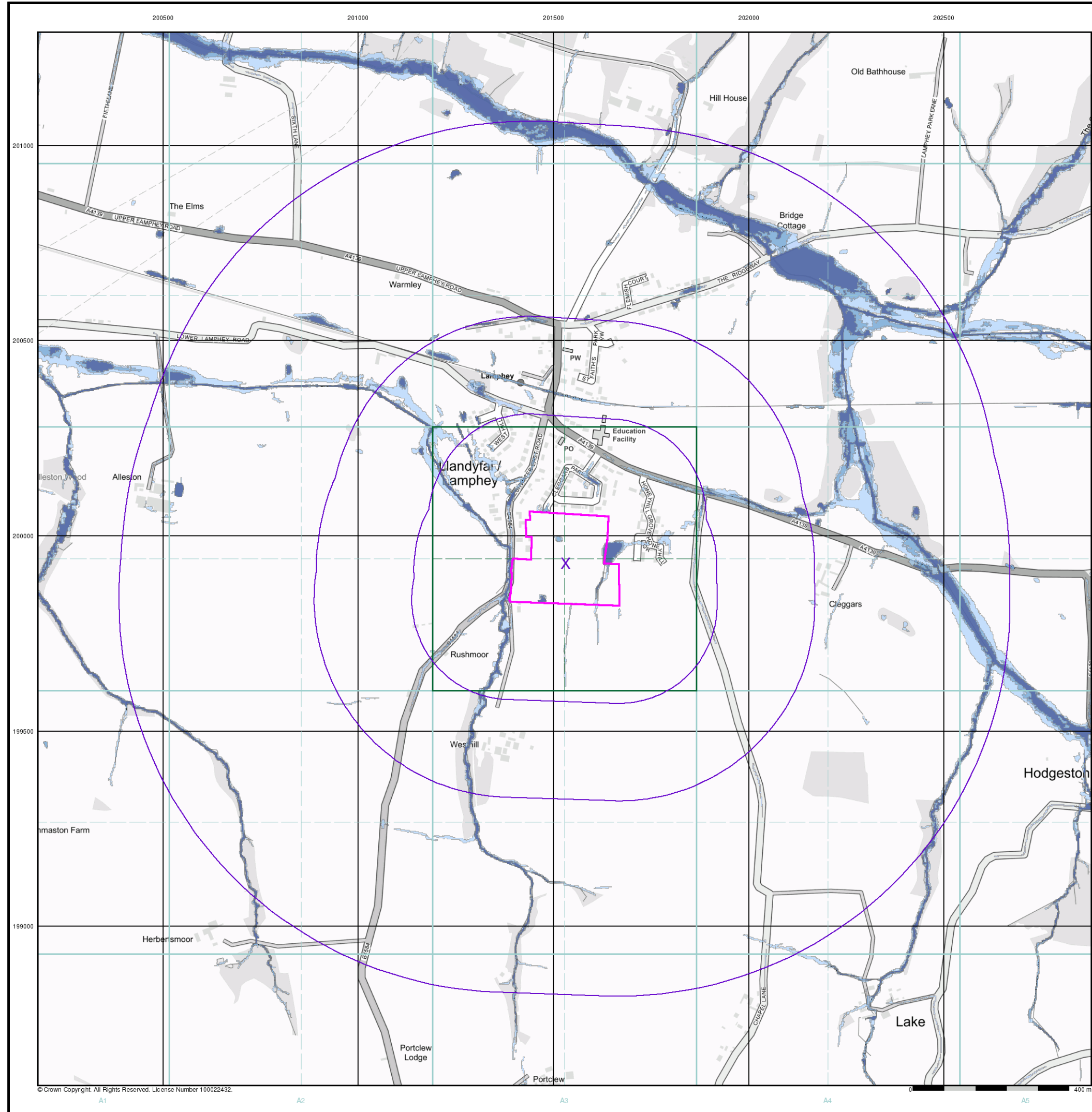
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 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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**General**

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

**Risk of Flooding from Surface Water**

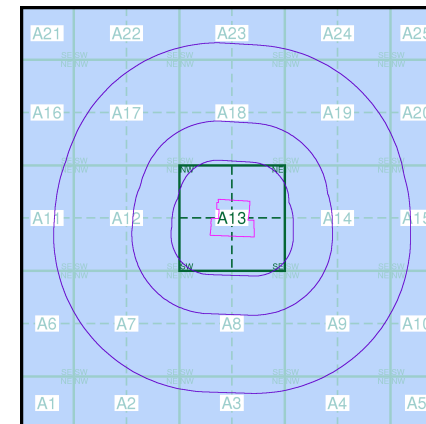
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

**Suitability**

See the suitability map below

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

**EANRW Suitability Map - Slice A**



**Order Details**

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
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**Site Details**


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




# 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
	TFD	Tidal Flat Deposits	Sand, Silt and Clay	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary
	BSA	Blown Sand	Sand	Not Supplied - Quaternary
	MBD	Marine Beach Deposits	Sand	Not Supplied - Quaternary
	GFDU	Glaciofluvial Deposits	Sand and Gravel	Not Supplied - Quaternary

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Rock Segments		

## Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TRIA	Triassic Rocks (Undifferentiated)	Breccia	Not Supplied - Triassic
	BISHM	Bishopston Mudstone Formation	Mudstone, Siltstone and Sandstone	Not Supplied - Namurian
	PEMB	Pembroke Limestone Group	Limestone	Not Supplied - Tournaisian
	BGUO	Black Rock Subgroup and Gully Oolite Formation (Undifferentiated)	Limestone	Not Supplied - Tournaisian
	AVO	Avon Group	Limestone and Mudstone, Interbedded	Not Supplied - Tournaisian
	SES	Skrinkle Sandstone Formation	Sandstone	Not Supplied - Famennian
	RDWC	Ridgeway Conglomerate Formation	Conglomerate	Not Supplied - Pragian
	MIH	Milford Haven Group	Argillaceous Rocks and [Subequal/Subordinate] Sandstone, Interbedded	Not Supplied - Ludlow
	LUDL	Ludlow Rocks (Undifferentiated)	Sandstone	Not Supplied - Ludlow
	ABM	Aber Mawr Shale Formation	Mudstone	Not Supplied - Arenig
		Faults		



## Geology 1:50,000 Maps

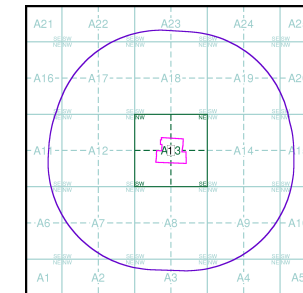
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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 Sheet No: 245  
 Map Name: Pembroke and L  
 Map Date: 1983  
 Bedrock Geology: Available  
 Superficial Geology: Available  
 Artificial Geology: Not Available  
 Faults: Not Supplied  
 Landslip: Not Available  
 Rock Segments: Not Supplied

## Geology 1:50,000 Maps - Slice A



## Order Details:

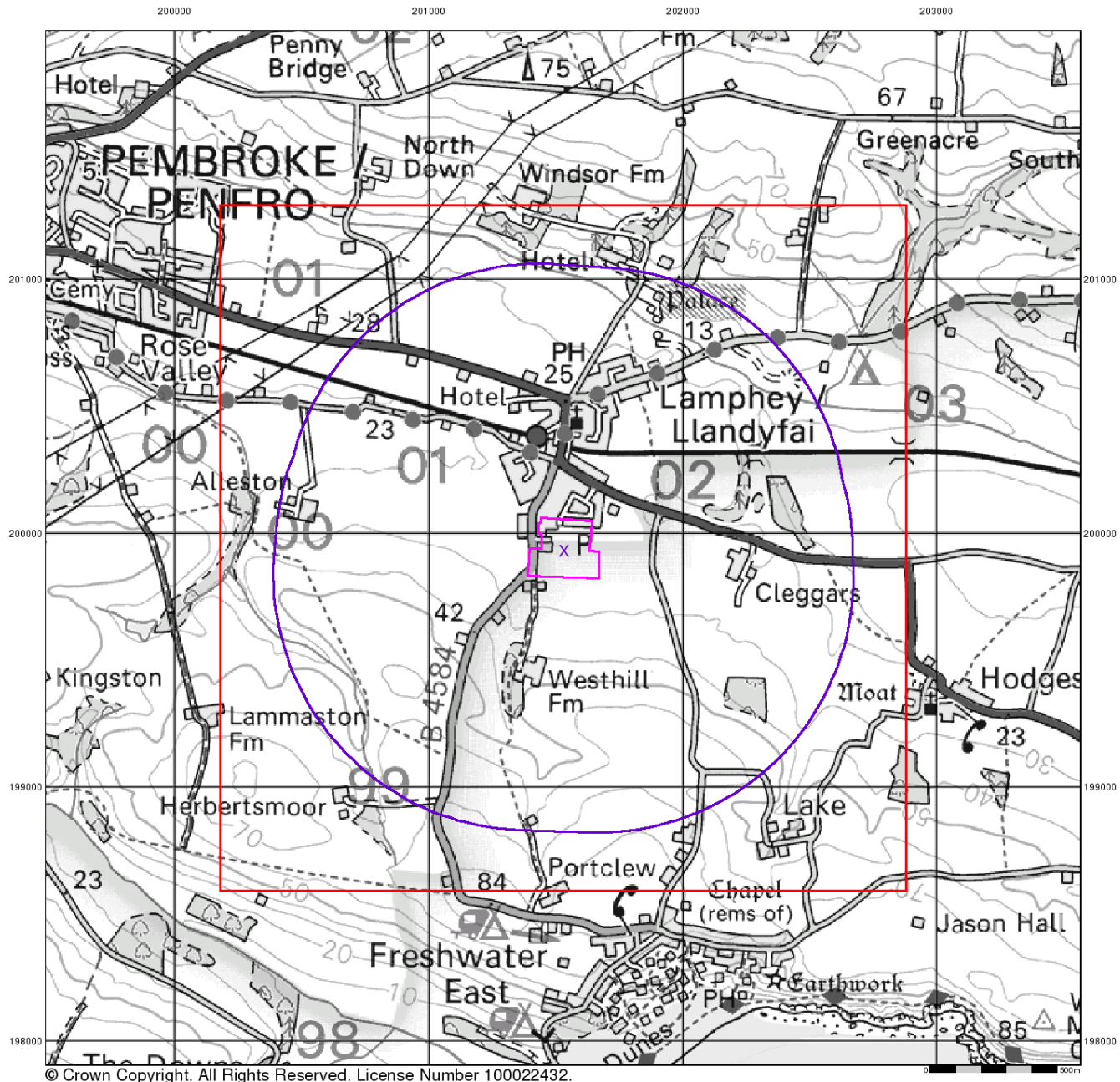
Order Number: 302445936\_1\_1  
 Customer Reference: 22.09.023  
 National Grid Reference: 201530, 199930  
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### Artificial Ground and Landslip

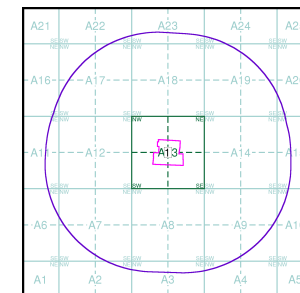
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

### Artificial Ground and Landslip Map - Slice A



### Order Details:

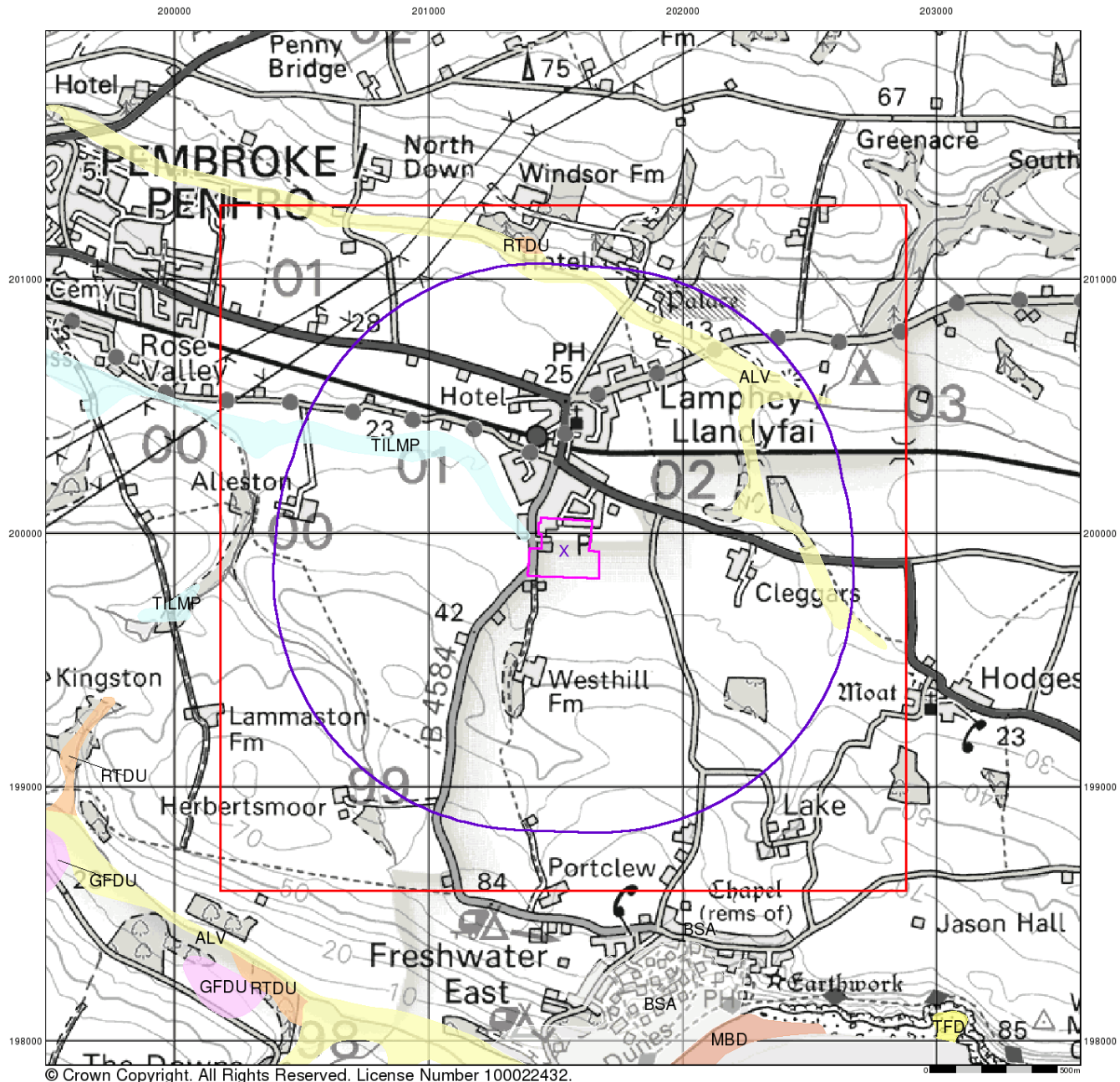
Order Number: 302445936\_1\_1  
 Customer Reference: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

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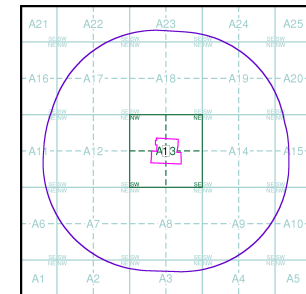
### Superficial Geology

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:

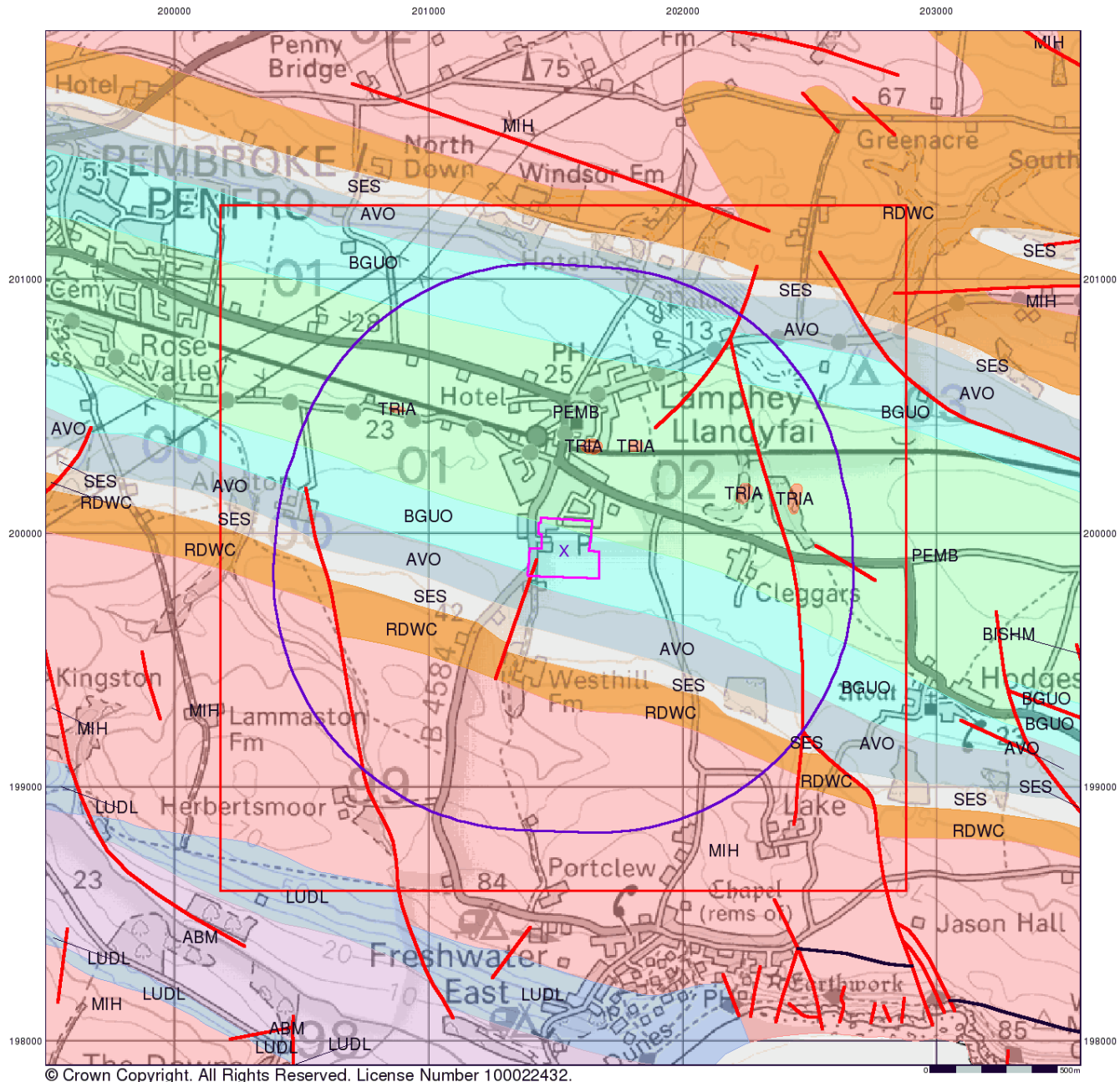
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 Customer Reference: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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### Site Details:

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### Bedrock and Faults

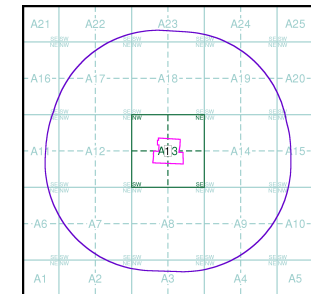
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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: 302445936\_1\_1  
 Customer Reference: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

### Site Details:

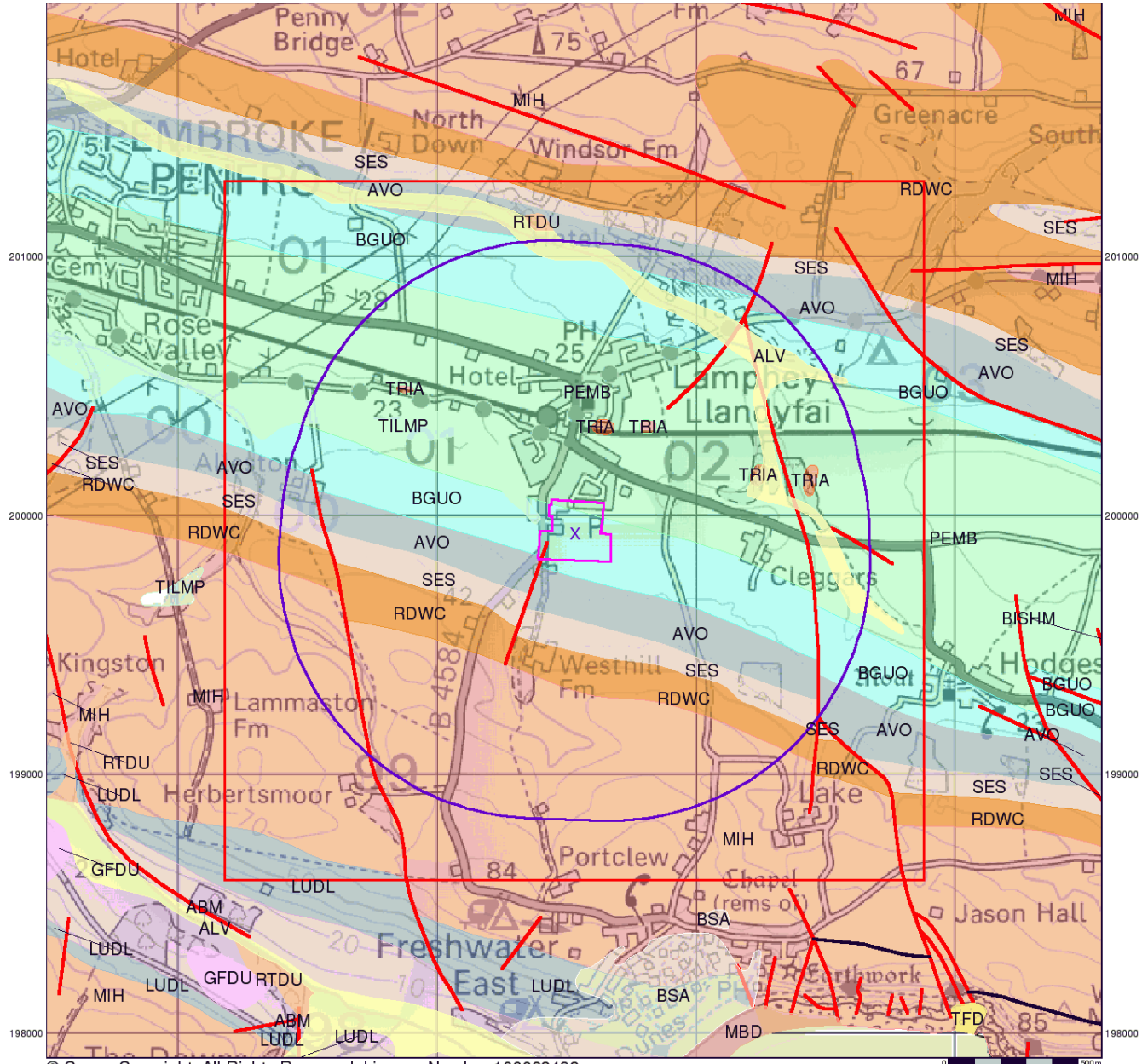
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200000 201000 202000 203000



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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.

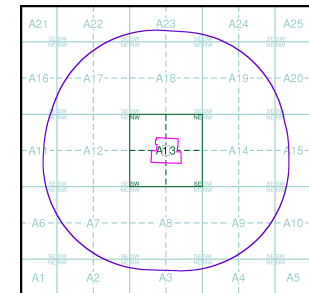
### Additional Information

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

British Geological Survey  
 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: 302445936\_1\_1  
 Customer Reference: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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### Site Details:

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## Envirocheck<sup>®</sup> Report:

# Mining and Ground Stability Datasheet

### Order Details:

**Order Number:**

302445936\_1\_1

**Customer Reference:**

22.09.023

**National Grid Reference:**

201530, 199930

**Slice:**

A

**Site Area (Ha):**

5.43

**Search Buffer (m):**

1000

### Site Details:

Fernbrook, Freshwater East Road

Lamphey

PEMBROKE

SA71 5JY

### Client Details:

Mr L Chippington

Listers Geotechnical Consultants Ltd

Slapton Hill Barn

Blakesley Road

Slapton

Towcester

Northants

NN12 8QD

Report Section and Details	Page Number
<b>Summary</b>	-
<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>	
<b>Mining and Natural Cavities Data</b>	<b>1</b>
<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>	
<b>Historical Land Use Information (1:2,500)</b>	-
<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>	
<b>Historical Land Use Information (1:10,000)</b>	<b>3</b>
<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>	
<b>Ground Stability Data (1:50,000)</b>	<b>4</b>
<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>	
<b>Historical Map List</b>	<b>6</b>
<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>	
<b>Data Currency</b>	<b>7</b>
<b>Data Suppliers</b>	<b>8</b>
<b>Useful Contacts</b>	<b>9</b>

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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
<b>Mining and Natural Cavities Data</b>					
BGS Recorded Mineral Sites	pg 1			1	6
Coal Mining Affected Areas			n/a	n/a	n/a
Man Made Mining Cavities					
Mining Instability	pg 2	Yes	n/a	n/a	n/a
Natural Cavities	pg 2	1			1
Non Coal Mining Areas of Great Britain	pg 2	Yes	Yes	n/a	n/a
Potential Mining Areas					
<b>Historical Land Use Information (1:2,500)</b>					
Extractive Industries or Potential Excavations from 1855-1909 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1893-1915 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1906-1937 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1924-1949 (100m)				n/a	n/a
Extractive Industries or Potential Excavations from 1950-1980 (100m)				n/a	n/a
Subterranean Features (100m)				n/a	n/a
<b>Historical Land Use Information (1:10,000)</b>					
Air Shafts					
Disturbed Ground					
General Quarrying	pg 3			1	5
Heap, unknown constituents					
Mineral Railway					
Mining & quarrying general					
Mining of coal & lignite					
Quarrying of sand & clay, operation of sand & gravel pits					
Former Marshes					
Potentially Infilled Land (Non-Water)	pg 3				1
Potentially Infilled Land (Water)	pg 3				1
<b>Ground Stability Data (1:50,000)</b>					
CBSCB Compensation District			n/a	n/a	n/a
Brine Pumping Related Features					
Brine Subsidence Solution Area					
Potential for Collapsible Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 4	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 4	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 5	Yes	Yes	n/a	n/a
Salt Mining Related Features					

Report Version v53.0

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246216 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NE (NW)	458	1	201006 200214
2	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246217 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	520	1	202178 200030
3	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246218 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14NW (E)	557	1	202191 200132
4	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246219 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	684	1	202164 200489
5	<b>BGS Recorded Mineral Sites</b> Site Name: Cleggars Quarry Location: Lamphey, Pembroke, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 246221 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14SE (E)	685	1	202353 199794
6	<b>BGS Recorded Mineral Sites</b> Site Name: Alleston Quarry Location: Pembroke, Pembroke Dock, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 90757 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Pembroke Limestone Group Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	870	1	200655 200439

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	<b>BGS Recorded Mineral Sites</b> Site Name: Lamphey Bridge Location: Lamphey, Pembroke Dock, Pembrokeshire Source: British Geological Survey, National Geoscience Information Service Reference: 90744 Type: Opencast <b>Status: Ceased</b> Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Black Rock Subgroup And Gully Oolite Formation (Undifferentiated) Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	947	1	202391 200627
	<b>Coal Mining Affected Areas</b> In an area which may not be affected by coal mining				
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SE (NE)	0	2	201532 199930
	<b>Natural Cavities</b> Cavity Type: Swallow Hole Solid Geology Detail: Carboniferous Limestone Supergroup, Lower Carboniferous Limestone Superficial Geology: No Details Detail:	A13NW (NW)	0	3	201500 199950
	<b>Natural Cavities</b> Cavity Type: Swallow Hole Solid Geology Detail: Lower Carboniferous Limestone Superficial Geology: No Details Detail:	A9NE (SE)	753	3	202350 199500
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Non Coal Mining Areas of Great Britain</b> Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	141	1	201356 199694

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1869	A12NE (NW)	496	-	200969 200224
9	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1869	A14NW (E)	507	-	202164 200032
10	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1908	A14SE (E)	662	-	202332 199801
11	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1869	A19SW (NE)	666	-	202144 200485
12	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1869	A17SW (NW)	891	-	200629 200435
13	<b>General Quarrying</b> Use: Not Supplied Date of Mapping: 1908	A19NE (NE)	940	-	202385 200623
14	<b>Potentially Infilled Land (Non-Water)</b> Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1988	A17SW (NW)	891	-	200629 200435
15	<b>Potentially Infilled Land (Water)</b> Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1964	A23SW (N)	966	-	201434 201028



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>CBSCB Compensation District</b> The site does not fall within the brine compensation area.				
	<b>Brine Subsidence Solution Area</b> The site does not fall within the brine subsidence solution area.				
16	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
17	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
18	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	201407 199840
19	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201539 199934
20	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
21	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
22	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
23	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000
24	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	69	1	201462 199727
25	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000
	<b>Potential for Ground Dissolution Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	141	1	201356 199694
26	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
27	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
28	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
29	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000
30	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	0	1	201407 199840
31	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	32	1	201396 199984
32	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	38	1	201392 200000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	201532 200000
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (NE)	0	1	201532 199930
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	80	1	201343 200000

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








1:2,500	Mapsheet	Published Date
Pembrokeshire	040_14	1866
Pembrokeshire	040_15	1866
Pembrokeshire	040_15	1907
Pembrokeshire	040_14	1908
Ordnance Survey Plan	SN0100	1968
Ordnance Survey Plan	SS0199	1969

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

1:10,560	Mapsheet	Published Date
Pembrokeshire	040_00	1869
Pembrokeshire	043_00	1885
Pembrokeshire	040_SE	1908
Pembrokeshire	040_SW	1908
Pembrokeshire	043_NE	1908
Pembrokeshire	043_NW	1908
Pembrokeshire	040_SW	1938
Pembrokeshire	040_SE	1953
Pembrokeshire	043_NE	1953
Pembrokeshire	043_NW	1953
Ordnance Survey Plan	SN00SW	1964
Ordnance Survey Plan	SS09NW	1964
1:10,000	Mapsheet	Published Date
Ordnance Survey Plan	SS09NW	1986
Ordnance Survey Plan	SN00SW	1988

Mining and Cavities Data	Version	Update Cycle
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	May 2022	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Property Searches	March 2014	Annual Rolling Update
<b>Man Made Mining Cavities</b> Stantec UK Ltd	December 2021	Bi-Annually
<b>Mining Instability</b> Ove Arup & Partners	June 1998	Not Applicable
<b>Natural Cavities</b> Stantec UK Ltd	December 2021	Bi-Annually
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Historical Land Use Information (1:2,500)	Version	Update Cycle
<b>Subterranean Features</b> Landmark Information Group Limited	June 2022	Bi-Annually
Ground Stability Data (1:50,000)	Version	Update Cycle
<b>CBSCB Compensation District</b> Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	April 2020	As notified
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	January 2019	As notified
<b>Brine Subsidence Solution Area</b> Johnson Poole & Bloomer	December 2020	Annual Rolling Update

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
<b>Ordnance Survey</b>	
<b>British Geological Survey</b>	 <b>British Geological Survey</b> NATURAL ENVIRONMENT RESEARCH COUNCIL
<b>The Coal Authority</b>	 The Coal Authority
<b>Ove Arup</b>	
<b>Stantec UK Ltd</b>	
<b>Wardell Armstrong</b>	 wardell armstrong <i>your earth our world</i>
<b>Johnson Poole &amp; Bloomer</b>	

Contact	Name and Address	Contact Details
1	<b>British Geological Survey - Enquiry Service</b> 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	<b>Ove Arup &amp; Partners</b> Central Square, Forth Street, Newcastle upon Tyne, Tyne and Wear, NE1 3PL	Telephone: 0191 261 6080 Fax: 0191 261 7879
3	<b>Stantec UK Ltd</b> Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
-	<b>Landmark Information Group Limited</b> 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 (1:2,500)

#### General

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

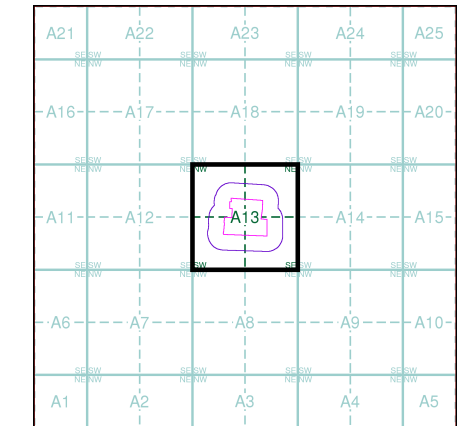
#### Potentially Contaminative Industrial Uses (Extractive Industries Activity)

	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

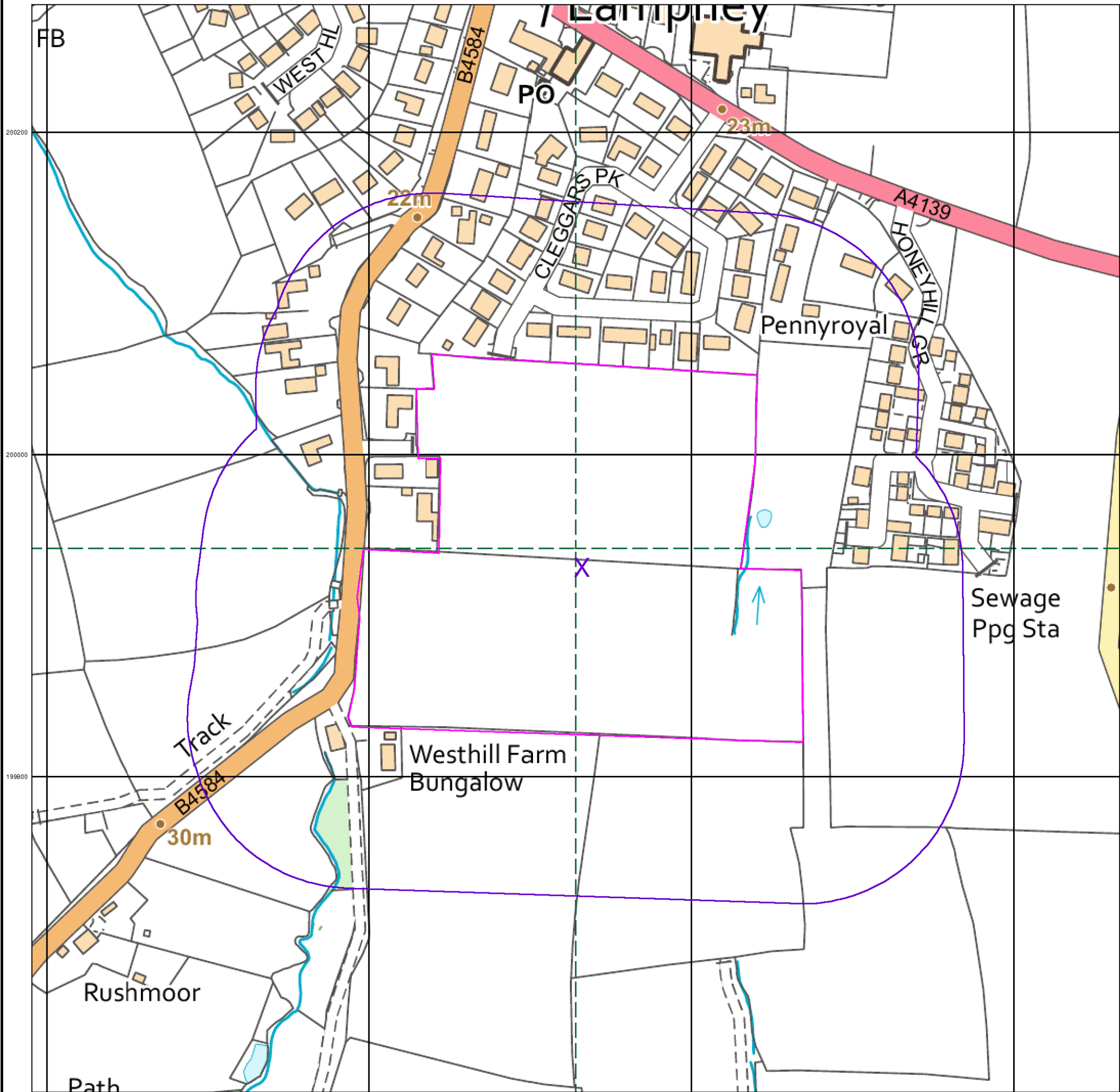
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Plot Buffer (m): 100

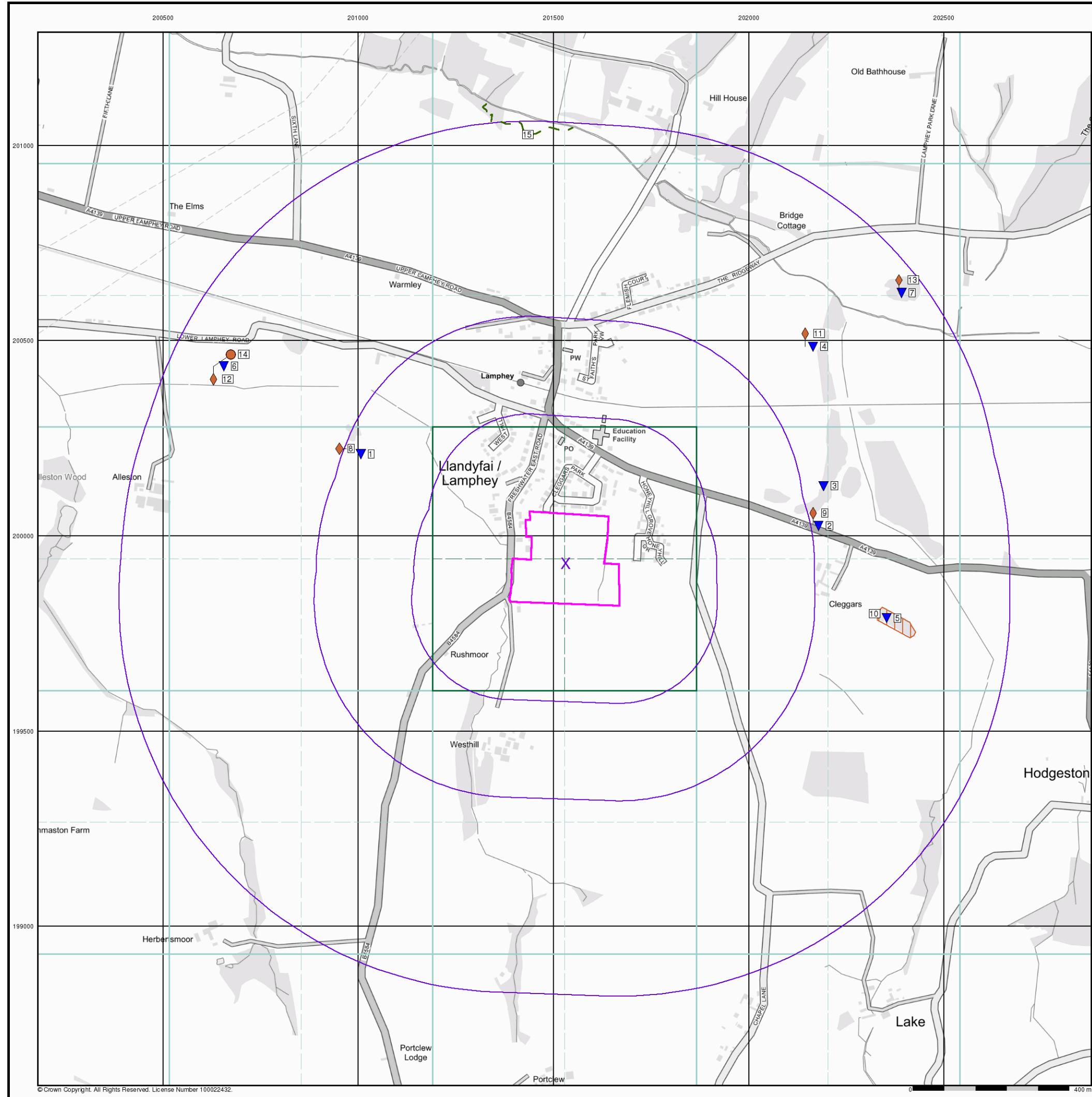
#### Site Details

Fernbrook, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY



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





### Historical Land Use Information (1:10,000)

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

### Potentially Contaminative Industrial Uses (Past Land Uses - Mining)

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

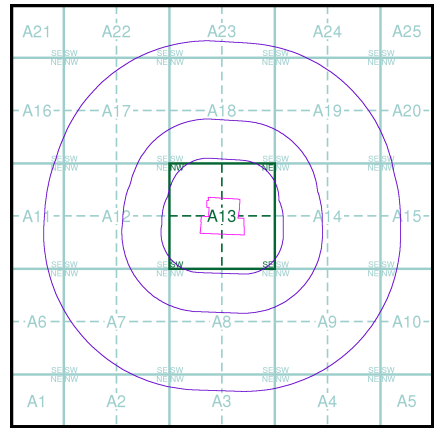
### Historical Land Use

	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



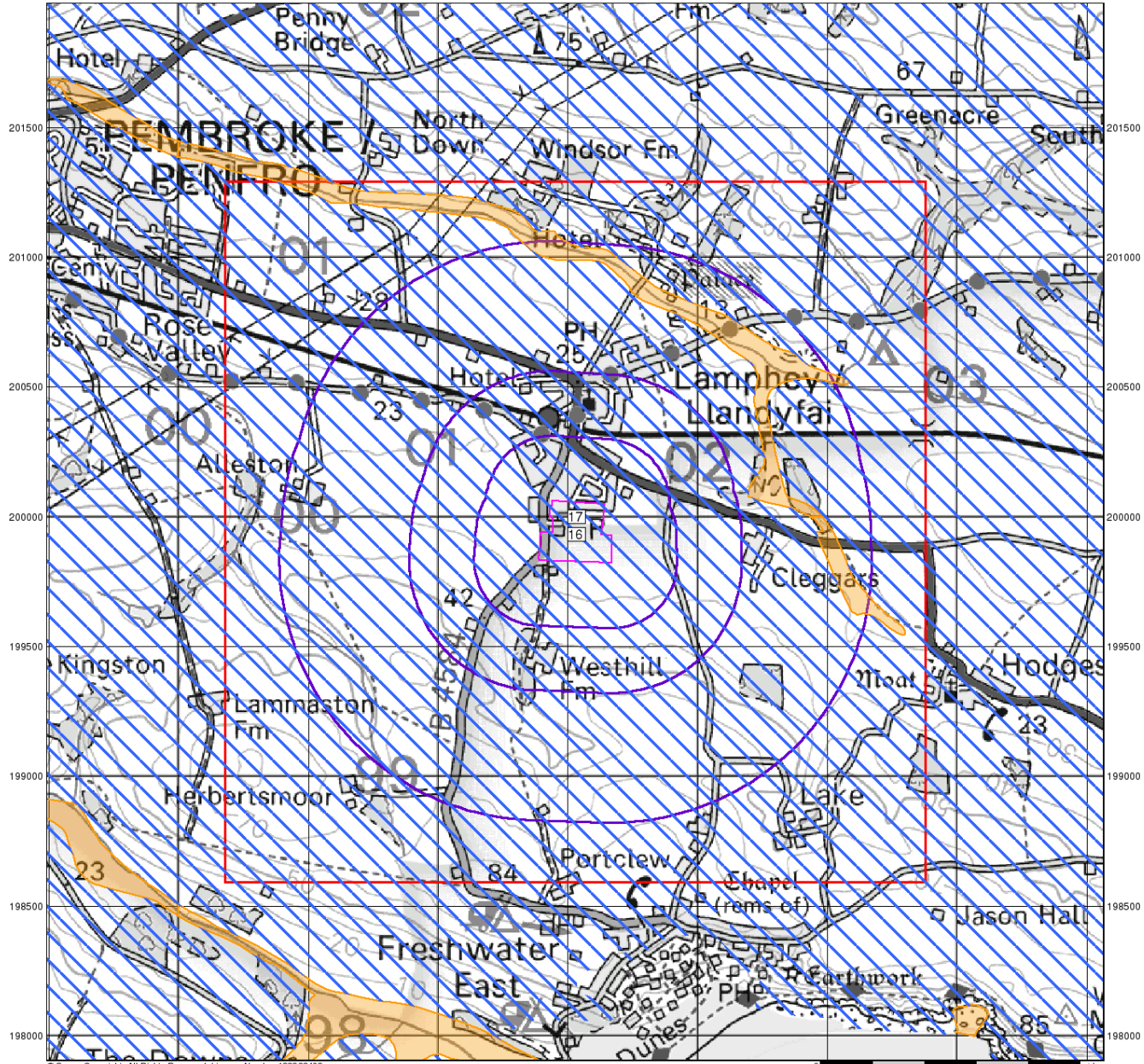
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 Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

**Site Details**  
 Fernbrook, Freshwater East Road, Lamphey, PEMBROKE,  
 SA71 5JY

**Landmark**  
 INFORMATION GROUP  
 Tel: 0844 844 9952  
 Fax: 0844 844 9951  
 Web: www.envirocheck.co.uk



199500 200000 200500 201000 201500 202000 202500 203000 203500



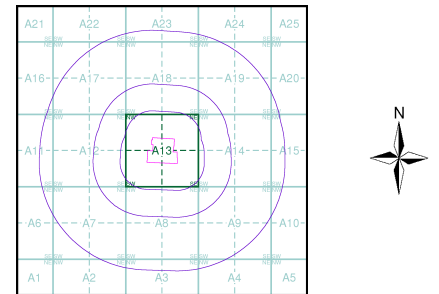
© Crown Copyright. All Rights Reserved. License Number 100022432.



### 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**
- |                               |              |                |
|-------------------------------|--------------|----------------|
|                               | <b>Point</b> | <b>Polygon</b> |
| Brine Pumping Related Feature |              |                |
| Salt Mining Related Feature   |              |                |

### Mining and Ground Stability - Slice A



**Order Details**

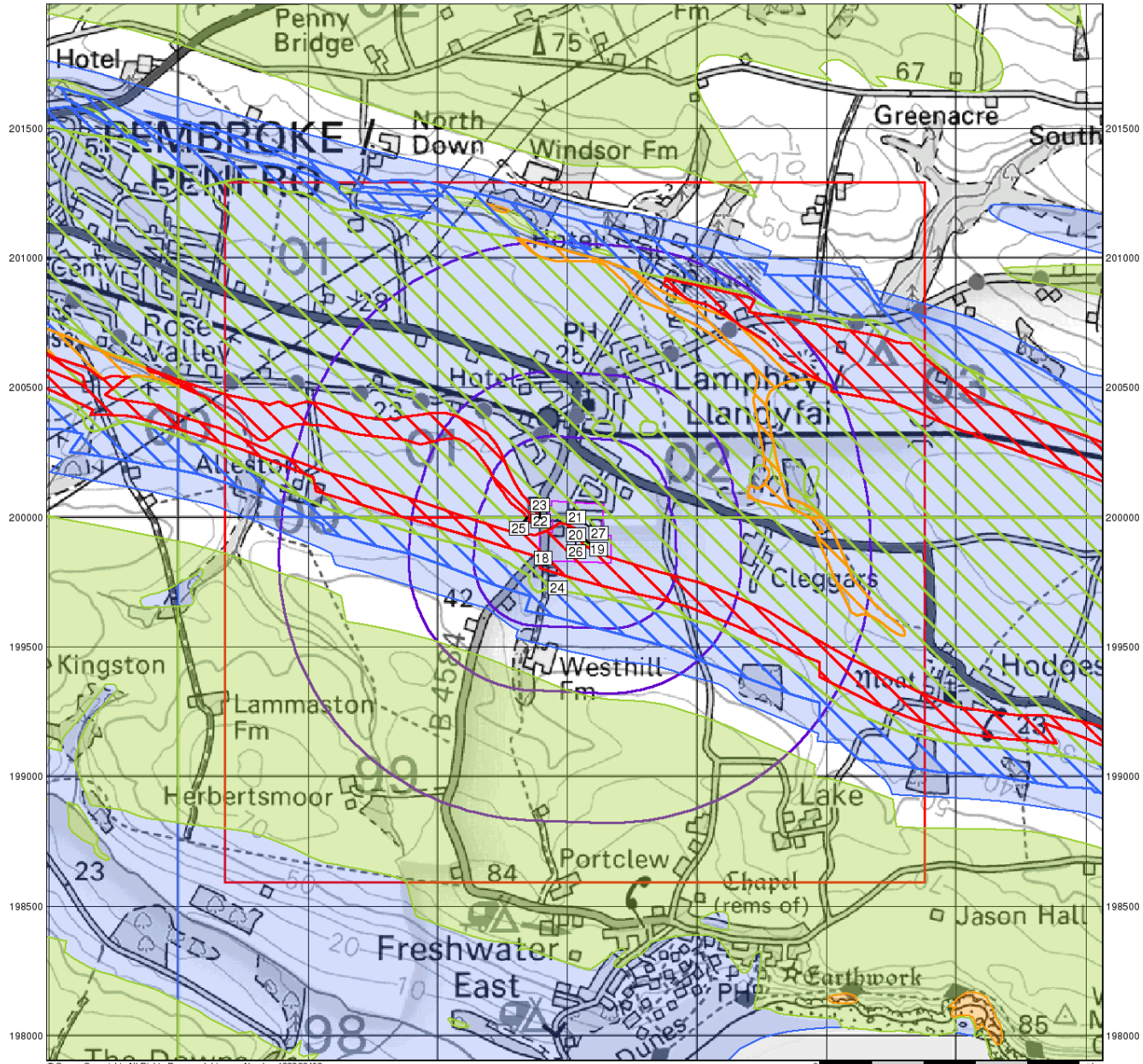
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 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

**Site Details**  
 Fembrook, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY

**Landmark**  
 INFORMATION GROUP

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

199500 200000 200500 201000 201500 202000 202500 203000 203500



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### Ground Stability Data (1:50,000)

#### General

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

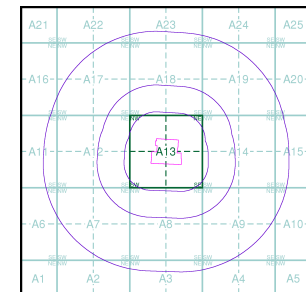
#### Potential for Landslide Ground Stability Hazards

- 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: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

#### Site Details

Fembroke, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY



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



# Historical Mapping Legends

## Ordnance Survey County Series and Ordnance Survey Plan 1:2,500

**Quarry** **Gravel Pit** **Sand Pit**  
**Clay Pit** **Shingle** **Refuse Heap**  
**Sloping Masonry** **Flat Rock**  
**Marsh** **Reeds** **Osiers**  
**Rough Pasture** **Furze** **Wood**  
**Mixed Wood** **Brushwood** **Orchard**  
**Fir** **Ford** **Stepping Stones**  
**Ferry** **Waterfall** **Lock**  
**Trig. Station** **Altitude at Trig. Station**  
**B.M. 325.9** **Bench Mark** **Surface Level**  
**Arrow denotes flow of water** **Antiquities (site of)**  
**Cutting** **Embankment**  
**Railway crossing Road** **Level Crossing** **Road crossing Railway**  
**Railway crossing River or Canal** **Road over single stream** **Road over River or Canal**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Administrative County & Civil Parish Boundary**  
**County Borough Boundary (England)**  
**County Burgh Boundary (Scotland)**  
**Co. Boro. Bdy.**  
**Co. Burgh Bdy.**  
**BP BS** Boundary Post or Stone **P.C.B** Police Call Box  
**B.R.** Bridle Road **P** Pump  
**E.P** Electricity Pylon **S.P** Signal Post  
**F.B.** Foot Bridge **SL** Sluice  
**F.P.** Foot Path **Sp.** Spring  
**G.P** Guide Post or Board **T.C.B** Telephone Call Box  
**M.S** Mile Stone **Tr.** Trough  
**M.P M.R** Mooring Post or Ring **W** Well

## Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250

**Inactive Quarry, Chalk Pit or Clay Pit** **Active Quarry, Chalk Pit or Clay Pit**  
**Rock** **Boulders**  
**Cliff** **Slopes** **Top**  
**Roofed Building** **Glazed Roof Building**  
**Sloping Masonry** **Archway**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **Scrub** **Bracken**  
**Coppice, Osier** **Reeds** **Marsh, Saltings**  
**Rough Grassland** **Heath** **Culvert**  
**Direction of water flow** **Bench Mark** **Antiquity (site of)**  
**Cave Entrance** **Triangulation Station** **Electricity Pylon**  
**Electricity Transmission Line**  
**County Boundary (Geographical)**  
**County & Civil Parish Boundary**  
**Civil Parish Boundary**  
**Admin. County or County Bor. Boundary**  
**London Borough Boundary**  
**Symbol marking point where boundary mereing changes**  
**BH** Beer House **P** Pillar, Pole or Post  
**BP, BS** Boundary Post or Stone **PO** Post Office  
**Cn, C** Capstan, Crane **PC** Public Convenience  
**Chy** Chimney **PH** Public House  
**D Fn** Drinking Fountain **Pp** Pump  
**EI P** Electricity Pillar or Post **SB, S Br** Signal Box or Bridge  
**FAP** Fire Alarm Pillar **SP, SL** Signal Post or Light  
**FB** Foot Bridge **Spr** Spring  
**GP** Guide Post **Tk** Tank or Track  
**H** Hydrant or Hydraulic **TCB** Telephone Call Box  
**LC** Level Crossing **TCP** Telephone Call Post  
**MH** Manhole **Tr** Trough  
**MP** Mile Post or Mooring Post **Wr Pt, Wr T** Water Point, Water Tap  
**MS** Mile Stone **W** Well  
**NTL** Normal Tidal Limit **Wd Pp** Wind Pump

## Large-Scale National Grid Data 1:2,500 and 1:1,250

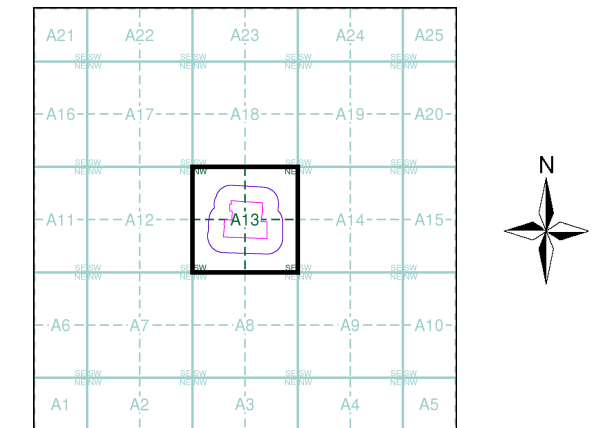
**Cliff** **Slopes** **Top**  
**Rock** **Rock (scattered)**  
**Boulders** **Boulders (scattered)**  
**Positioned Boulder** **Scree**  
**Non-Coniferous Tree (surveyed)** **Coniferous Tree (surveyed)**  
**Non-Coniferous Trees (not surveyed)** **Coniferous Trees (not surveyed)**  
**Orchard Tree** **Scrub** **Bracken**  
**Coppice, Osier** **Reeds** **Marsh, Saltings**  
**Rough Grassland** **Heath** **Culvert**  
**Direction of water flow** **Triangulation Station** **Antiquity (site of)**  
**Electricity Transmission Line** **Electricity Pylon**  
**B.M. 231.60m** **Bench Mark** **Buildings with Building Seed**  
**Roofed Building** **Glazed Roof Building**  
**Civil parish/community boundary**  
**District boundary**  
**County boundary**  
**Boundary post/stone**  
**Boundary mereing symbol (note: these always appear in opposed pairs or groups of three)**  
**Bks** Barracks **P** Pillar, Pole or Post  
**Bty** Battery **PO** Post Office  
**Cemy** Cemetery **PC** Public Convenience  
**Chy** Chimney **Pp** Pump  
**Cis** Cistern **Ppg Sta** Pumping Station  
**Dismtd Rly** Dismantled Railway **PW** Place of Worship  
**EI Gen Sta** Electricity Generating Station **Sewage Ppg Sta** Sewage Pumping Station  
**EI P** Electricity Pole, Pillar **SB, S Br** Signal Box or Bridge  
**EI Sub Sta** Electricity Sub Station **SP, SL** Signal Post or Light  
**FB** Filter Bed **Spr** Spring  
**Fn / D Fn** Fountain / Drinking Ftn. **Tk** Tank or Track  
**Gas Gov** Gas Valve Compound **Tr** Trough  
**GVC** Gas Governor **Wd Pp** Wind Pump  
**GP** Guide Post **Wr Pt, Wr T** Water Point, Water Tap  
**MH** Manhole **Wks** Works (building or area)  
**MP, MS** Mile Post or Mile Stone **W** Well



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Pembrokeshire	1:2,500	1865	2
Pembrokeshire	1:2,500	1866	3
Pembrokeshire	1:2,500	1866	4
Pembrokeshire	1:2,500	1907 - 1908	5
Ordnance Survey Plan	1:2,500	1968 - 1969	6
Additional SIMs	1:2,500	1992	7
Large-Scale National Grid Data	1:2,500	1994	8
Large-Scale National Grid Data	1:2,500	1995	9
Historical Aerial Photography	1:2,500	2003	10

## Historical Map - Segment A13



## Order Details

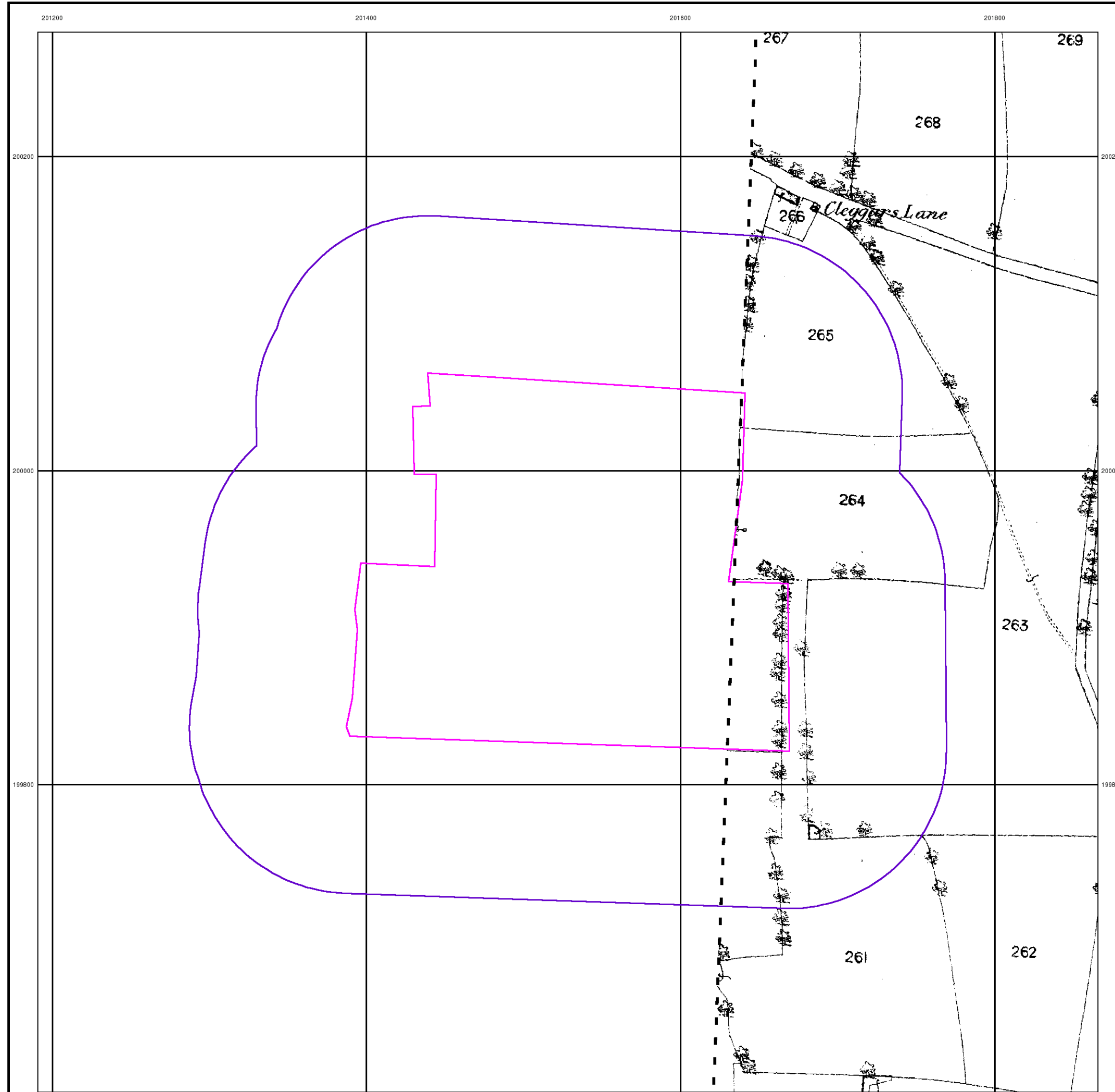
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 100

## Site Details

Fernbrook, Freshwater East Road, Lamphey, PEMBROKE, SA71 5JY



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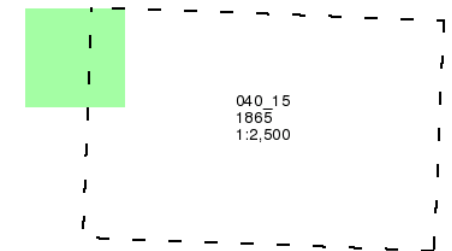
**Pembrokeshire**

**Published 1865**

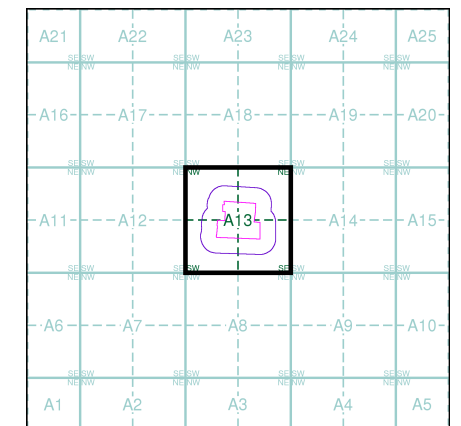
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

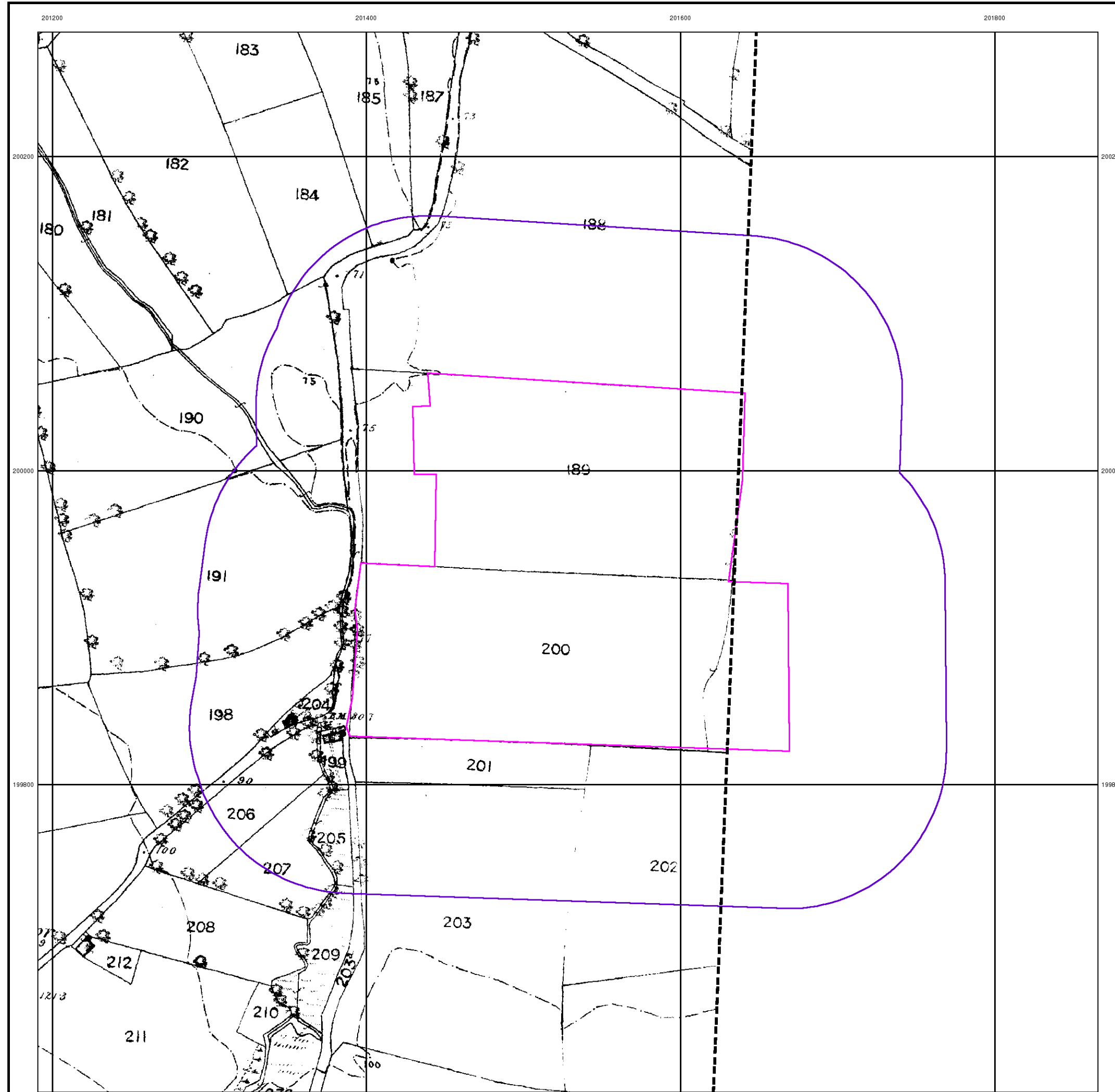
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 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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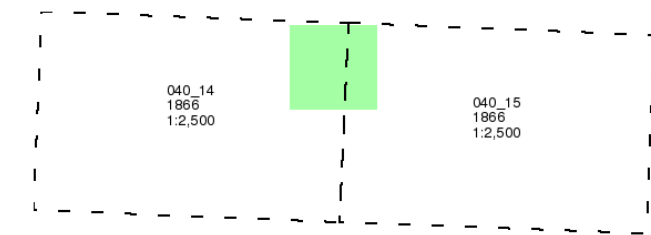
**Pembrokeshire**

**Published 1866**

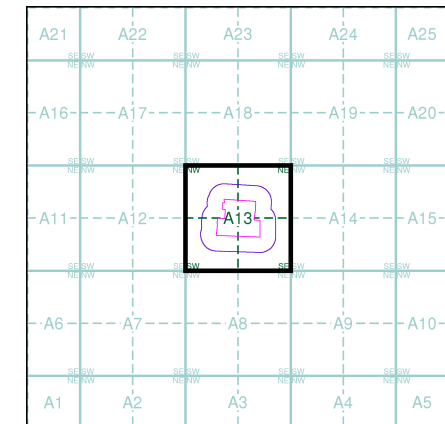
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

Order Number: 302445936\_1\_1  
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 National Grid Reference: 201530, 199930  
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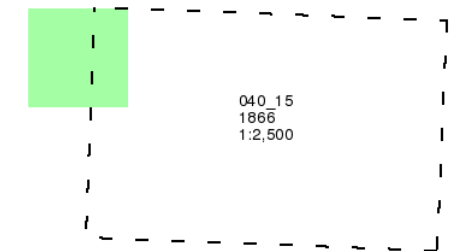
**Pembrokeshire**

**Published 1866**

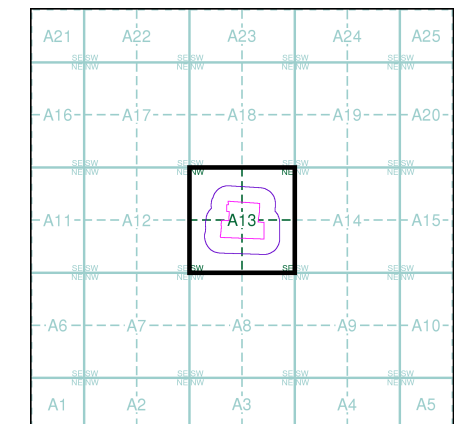
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

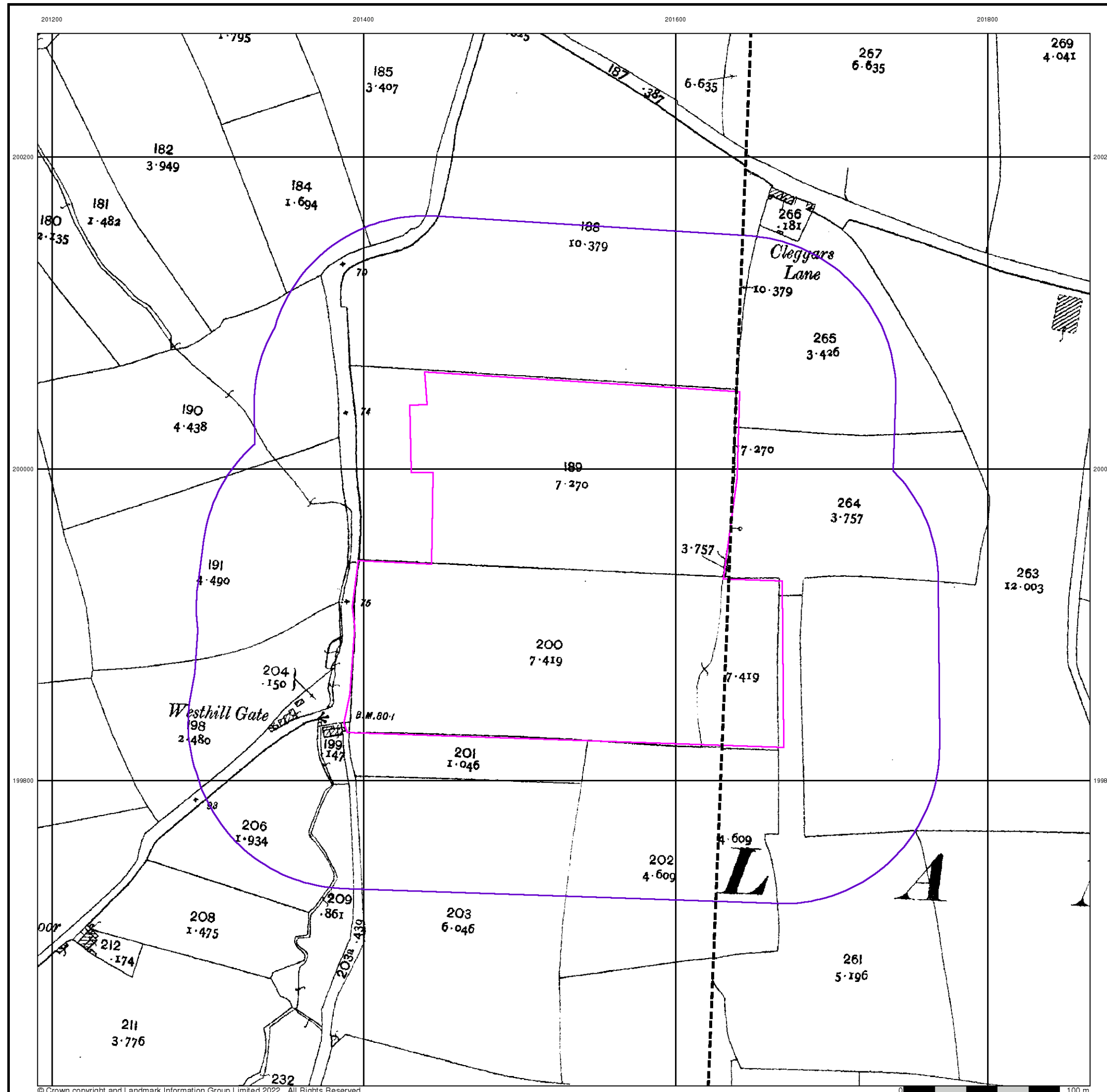
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 Search Buffer (m): 100

**Site Details**

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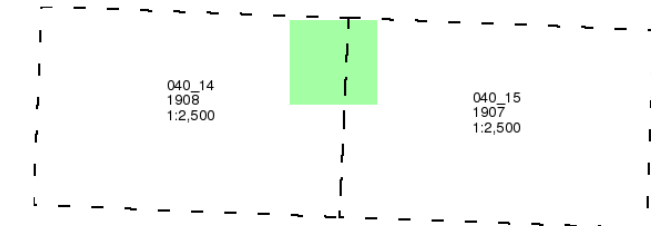
Tel: 0844 844 9952  
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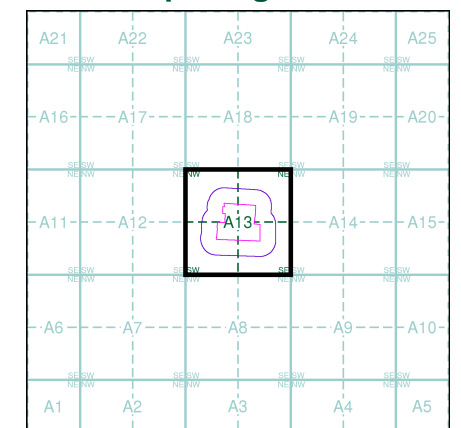
**Pembrokeshire**  
**Published 1907 - 1908**  
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**  
 Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 100

**Site Details**  
 Fernbrook, Freshwater East Road, Lamphey, PEMBROKE,  
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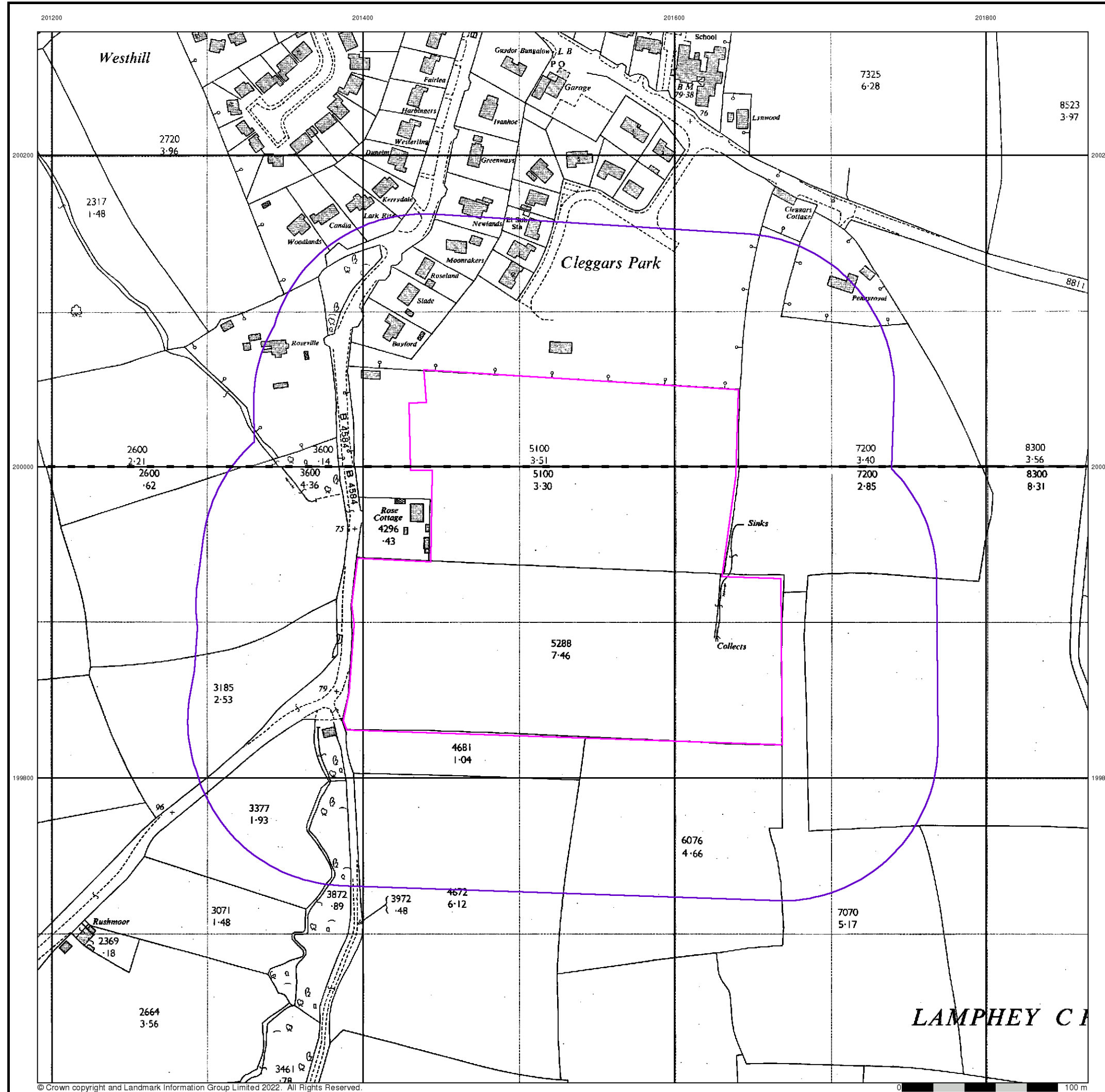
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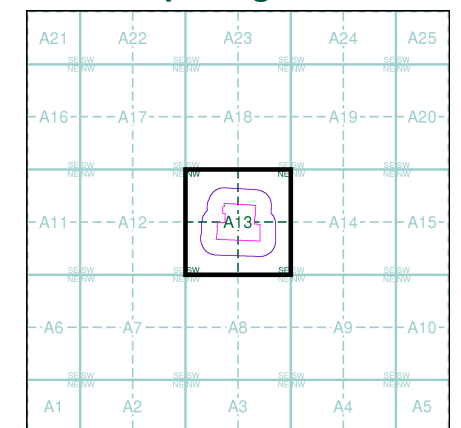
**Ordnance Survey Plan**  
**Published 1968 - 1969**  
**Source map scale - 1:2,500**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

**Map Name(s) and Date(s)**

SN0100	1968	1:2,500
SS0199	1969	1:2,500

**Historical Map - Segment A13**



**Order Details**

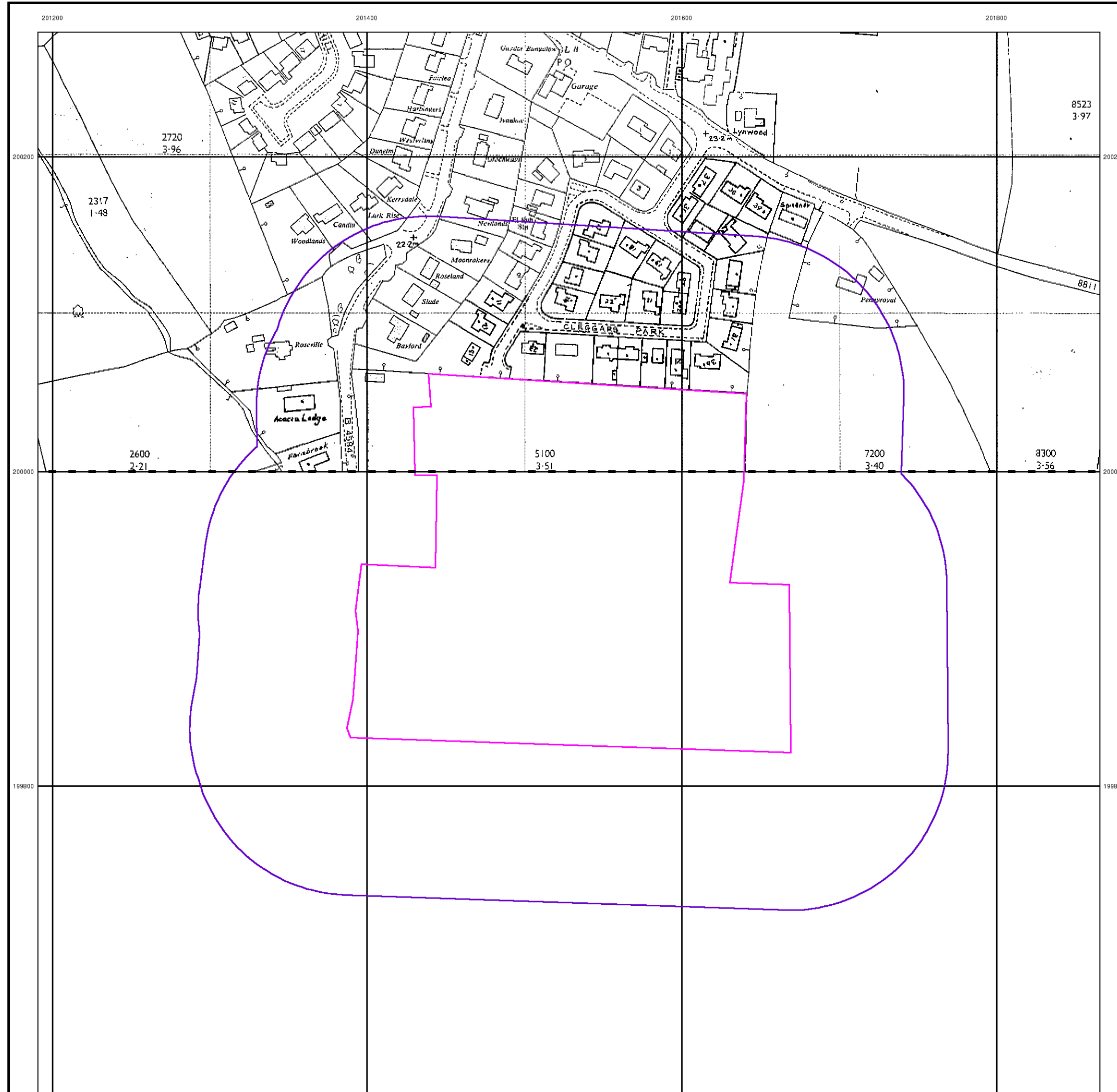
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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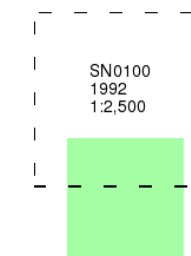
**Additional SIMs**

**Published 1992**

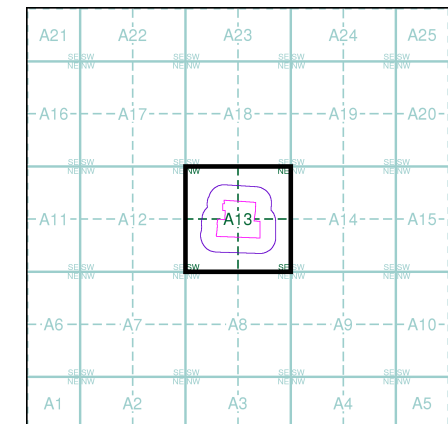
**Source map scale - 1:2,500**

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

**Map Name(s) and Date(s)**



**Historical Map - Segment A13**



**Order Details**

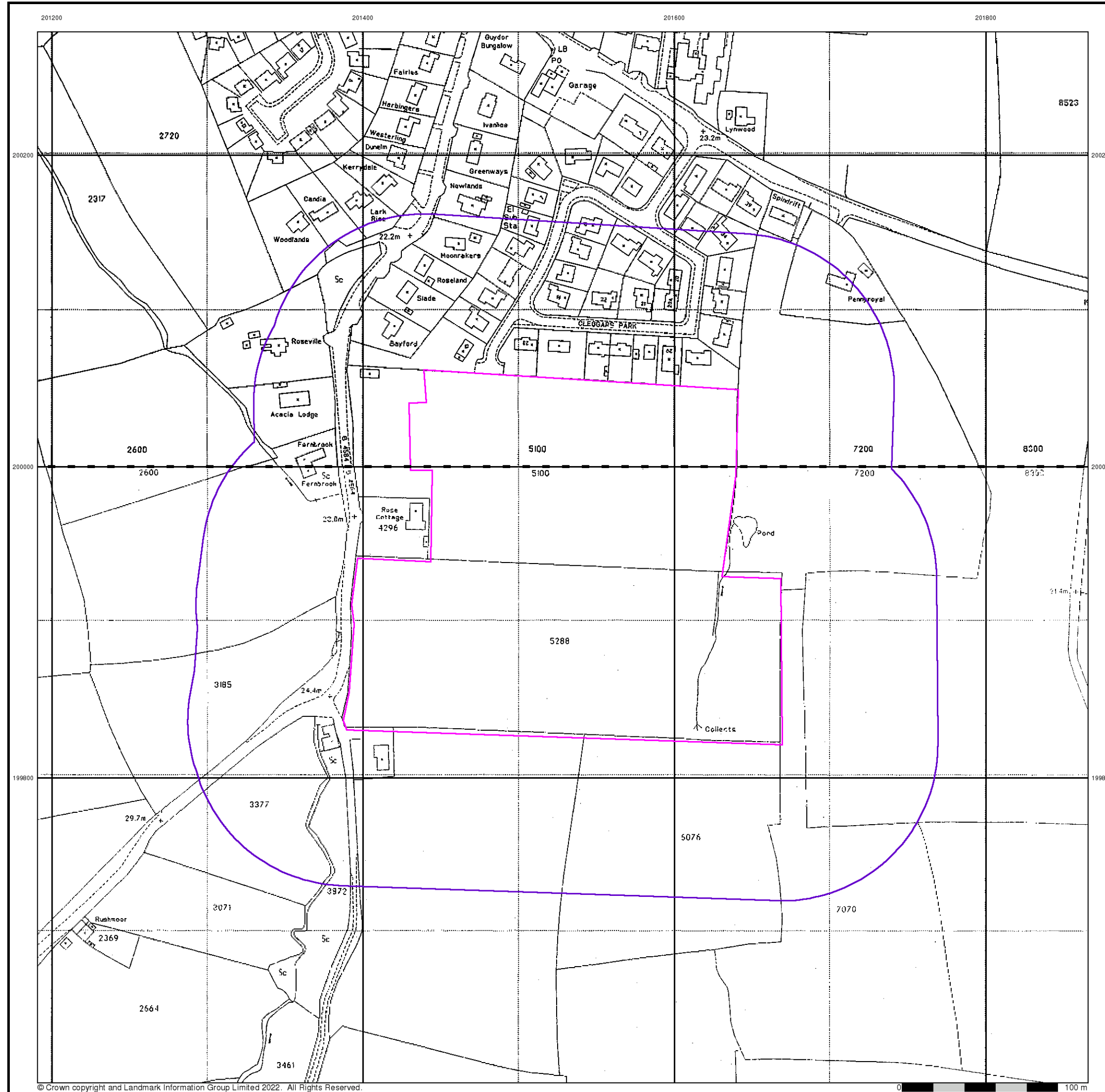
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
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## Large-Scale National Grid Data

Published 1994

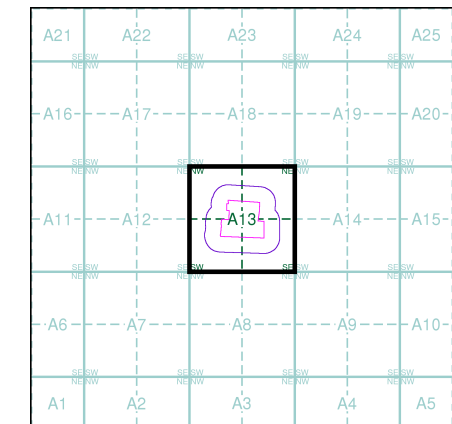
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)

SN0100	1994	1:2,500
SS0199	1994	1:2,500

### Historical Map - Segment A13



### Order Details

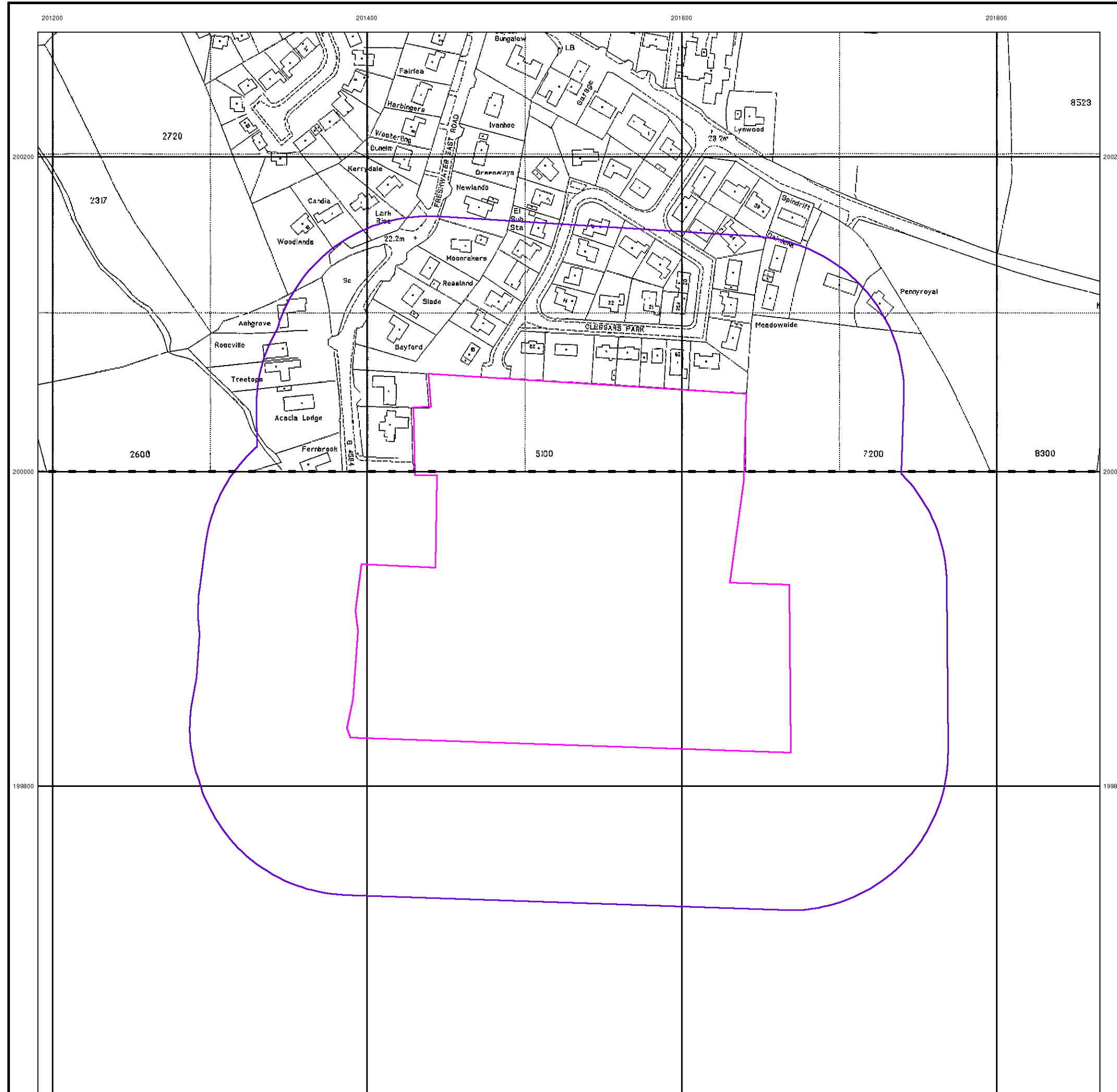
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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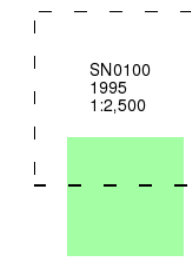
### Large-Scale National Grid Data

Published 1995

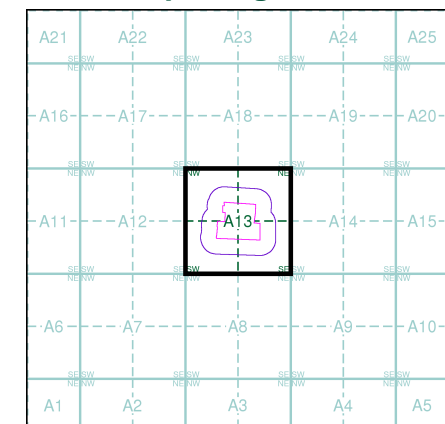
Source map scale - 1:2,500

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

### Map Name(s) and Date(s)



### Historical Map - Segment A13



### Order Details

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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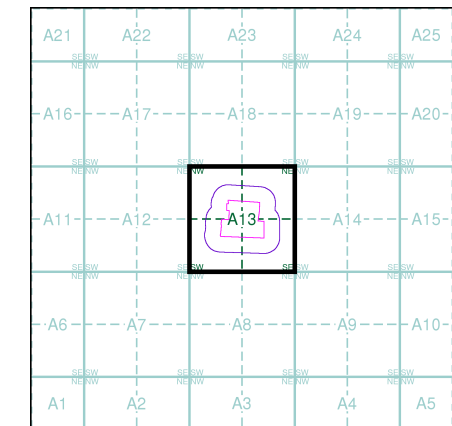


### Historical Aerial Photography

Published 2003

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### Historical Aerial Photography - Segment A13



### Order Details

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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 SA71 5JY



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# Historical Mapping Legends

## Ordnance Survey County Series 1:10,560

	Gravel Pit		Sand Pit		Other Pits
	Quarry		Shingle		Orchard
	Osiers		Reeds		Marsh
	Mixed Wood		Deciduous		Brushwood
	Fir		Furze		Rough Pasture
	Arrow denotes flow of water		Trigonometrical Station		
	Site of Antiquities		Bench Mark		
	Pump, Guide Post, Signal Post		Well, Spring, Boundary Post		
	<b>-285</b> Surface Level				
	Sketched Contour		Instrumental Contour		
	Main Roads		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

## Ordnance Survey Plan 1:10,000

	Chalk Pit, Clay Pit or Quarry		Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees		Non-Coniferous Trees
	Orchard		Scrub
	Coppice		
	Bracken		Heath
	Rough Grassland		
	Marsh		Reeds
	Saltings		
	Building		Glasshouse
	Sloping Masonry		Pylon
	Electricity Transmission Line		Pole
	Cutting		Embankment
	Standard Gauge Multiple Track		
	Standard Gauge Single Track		
	Siding, Tramway or Mineral Line		
	Narrow Gauge		
	Geographical County		
	Administrative County, County Borough or County of City		
	Municipal Borough, Urban or Rural District, Burgh or District Council		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries		
	Civil Parish Shown alternately when coincidence of boundaries occurs		
	BP, BS Boundary Post or Stone		Pol Sta Police Station
	Ch Church		PO Post Office
	CH Club House		PC Public Convenience
	F E Sta Fire Engine Station		PH Public House
	FB Foot Bridge		SB Signal Box
	Fn Fountain		Spr Spring
	GP Guide Post		TCB Telephone Call Box
	MP Mile Post		TCP Telephone Call Post
	MS Mile Stone		W Well

## 1:10,000 Raster Mapping

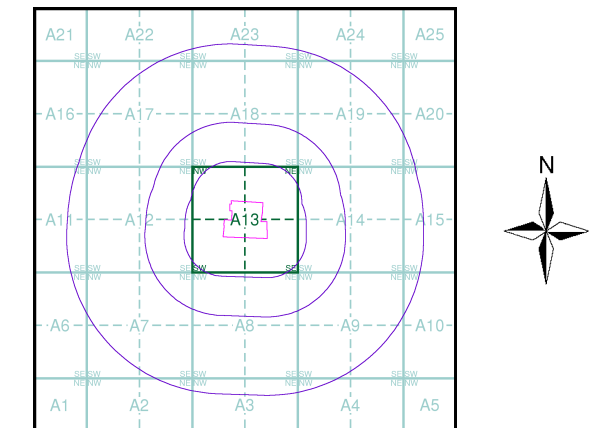
	Gravel Pit		Refuse tip or slag heap
	Rock		Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle		Mud
	Sand		Sand Pit
	Slopes		Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
	Area of wooded vegetation		Non-coniferous trees
	Non-coniferous trees (scattered)		Coniferous trees
	Coniferous trees (scattered)		Positioned tree
	Orchard		Coppice or Osiers
	Rough Grassland		Heath
	Scrub		Marsh, Salt Marsh or Reeds
	Water feature		Flow arrows
	MHW(S) Mean high water (springs)		MLW(S) Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
	Bench mark (where shown)		Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)		Pylon, flare stack or lighting tower
	Site of (antiquity)		Glasshouse
	General Building		Important Building



## Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Pembrokeshire	1:10,560	1868 - 1869	2
Pembrokeshire	1:10,560	1908	3
Pembrokeshire	1:10,560	1938 - 1953	4
Pembrokeshire	1:10,560	1953	5
Ordnance Survey Plan	1:10,000	1964	6
Ordnance Survey Plan	1:10,000	1971	7
Ordnance Survey Plan	1:10,000	1986 - 1988	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

## Historical Map - Slice A



## Order Details

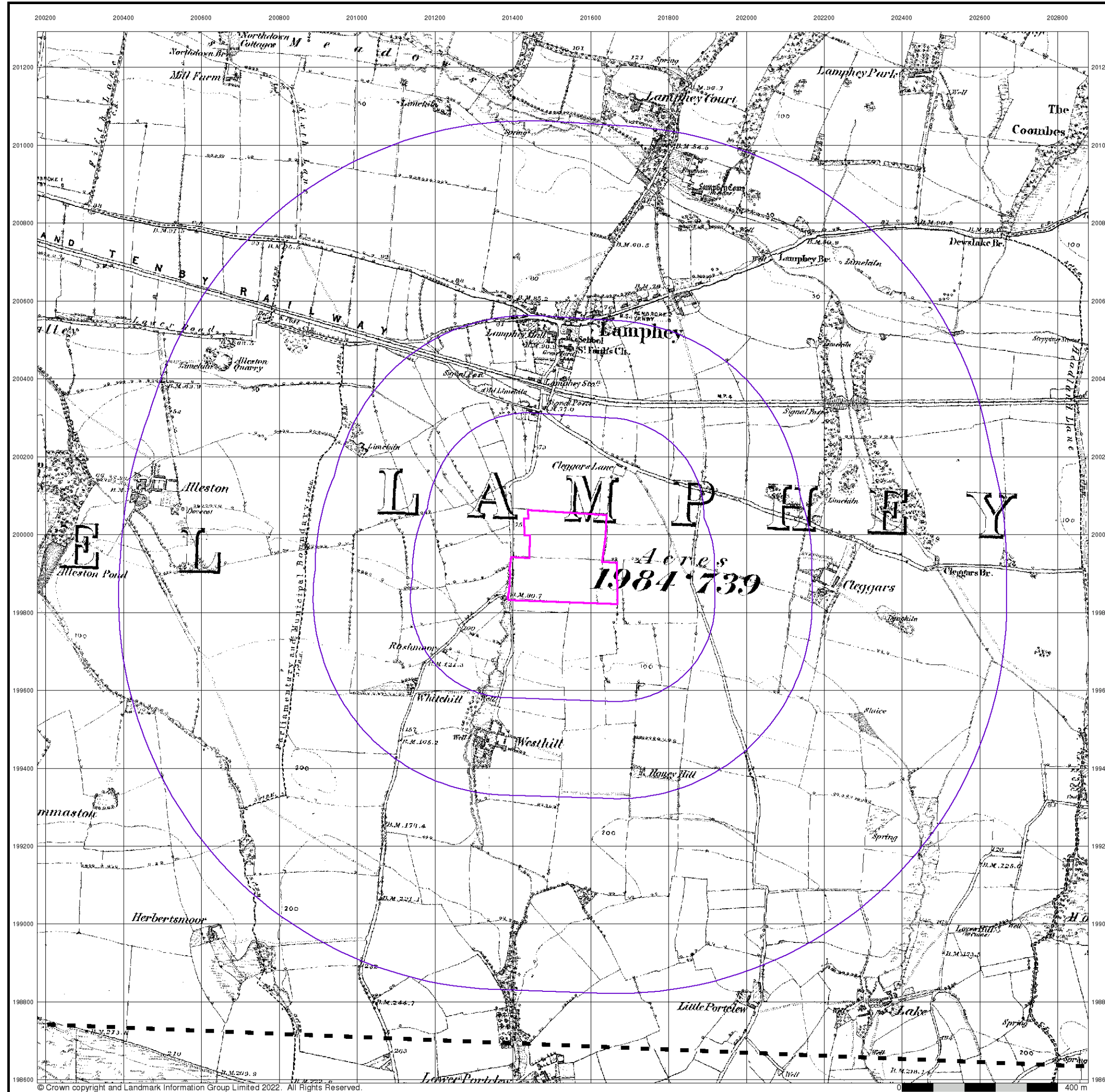
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

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## Pembrokeshire

Published 1868 - 1869

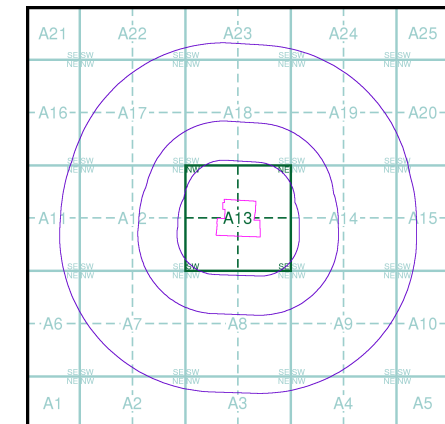
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

04000	1869	1:10,560
04300	1868	1:10,560

### Historical Map - Slice A



### Order Details

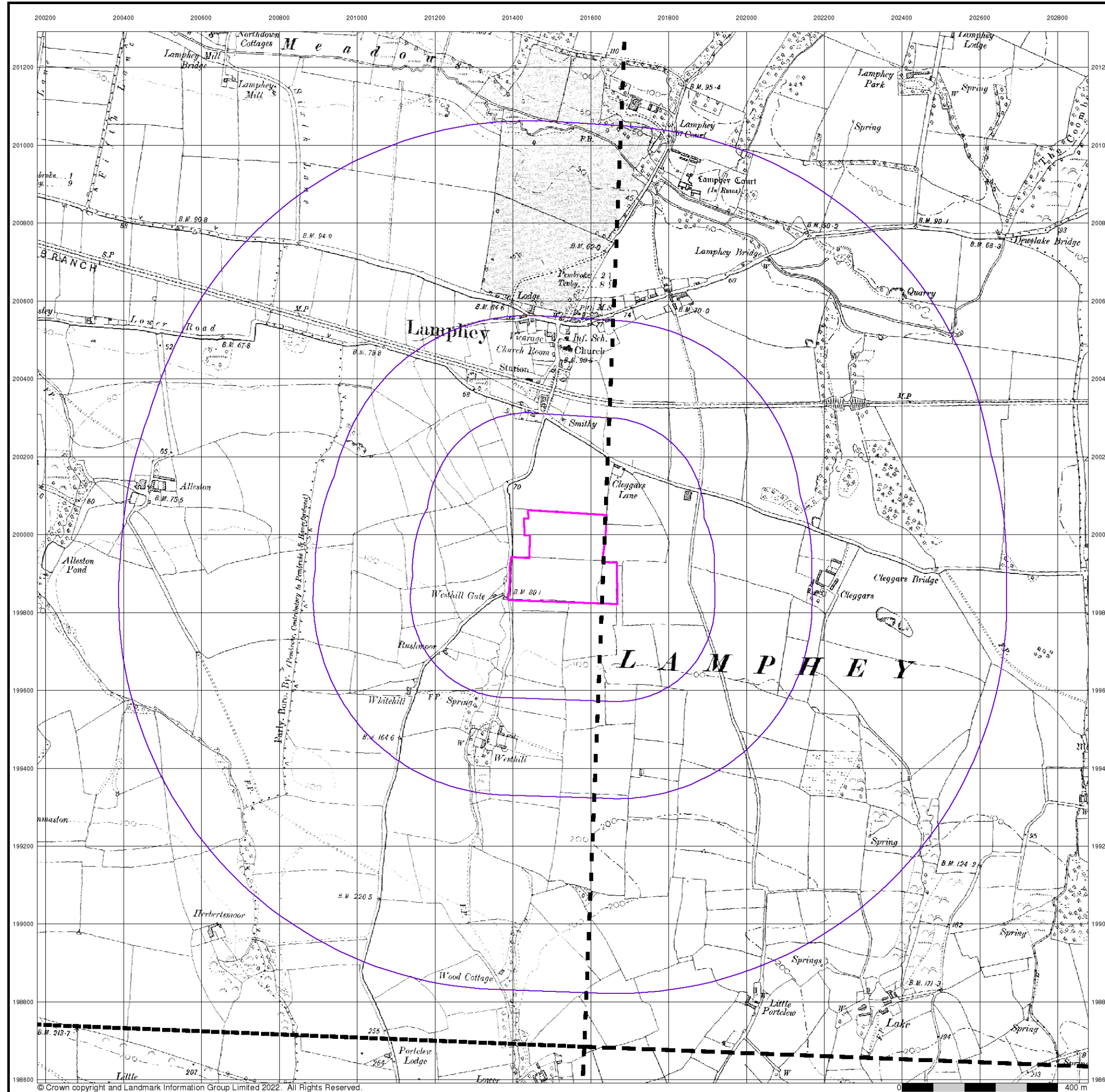
Order Number:	302445936_1_1
Customer Ref:	22.09.023
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Slice:	A
Site Area (Ha):	5.43
Search Buffer (m):	1000

### Site Details

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## Pembrokeshire

Published 1908

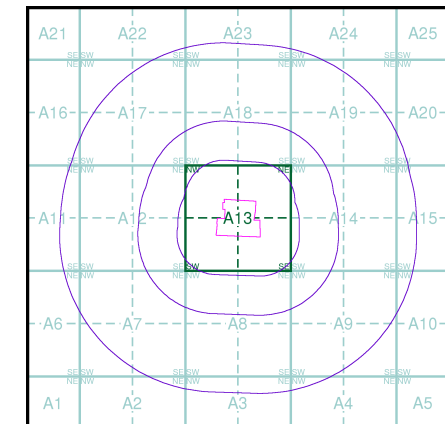
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

040SW 1908 1:10,560	040SE 1908 1:10,560
043NW 1908 1:10,560	043NE 1908 1:10,560

### Historical Map - Slice A



### Order Details

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
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 Slice: A  
 Site Area (Ha): 5.43  
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### Site Details

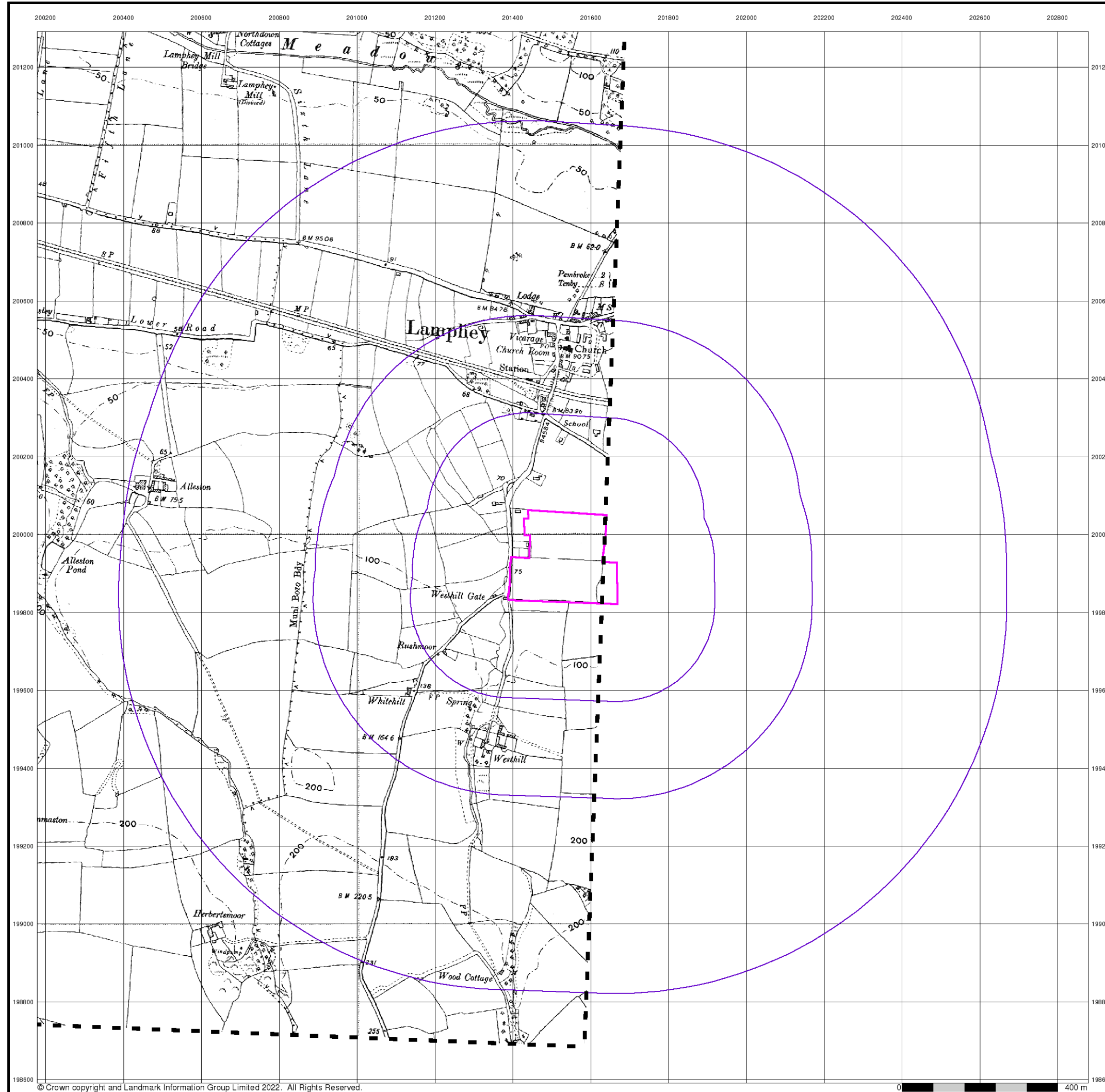
Fernbrook, Freshwater East Road, Lamphrey, PEMBROKE, SA71 5JY



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0 400 m



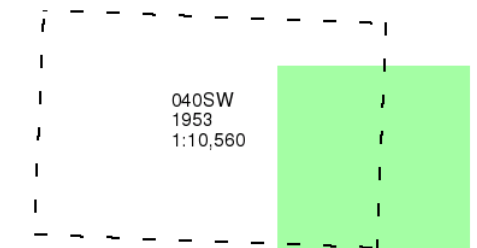
## Pembrokeshire

Published 1953

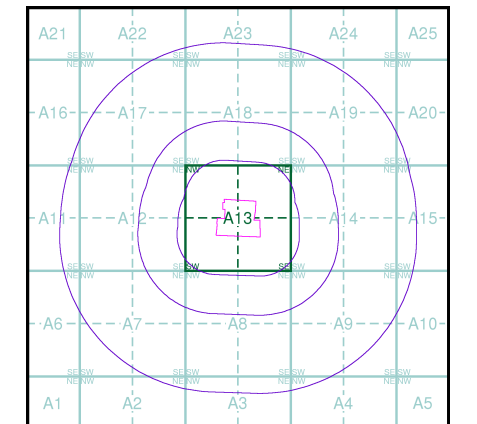
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)



### Historical Map - Slice A



### Order Details

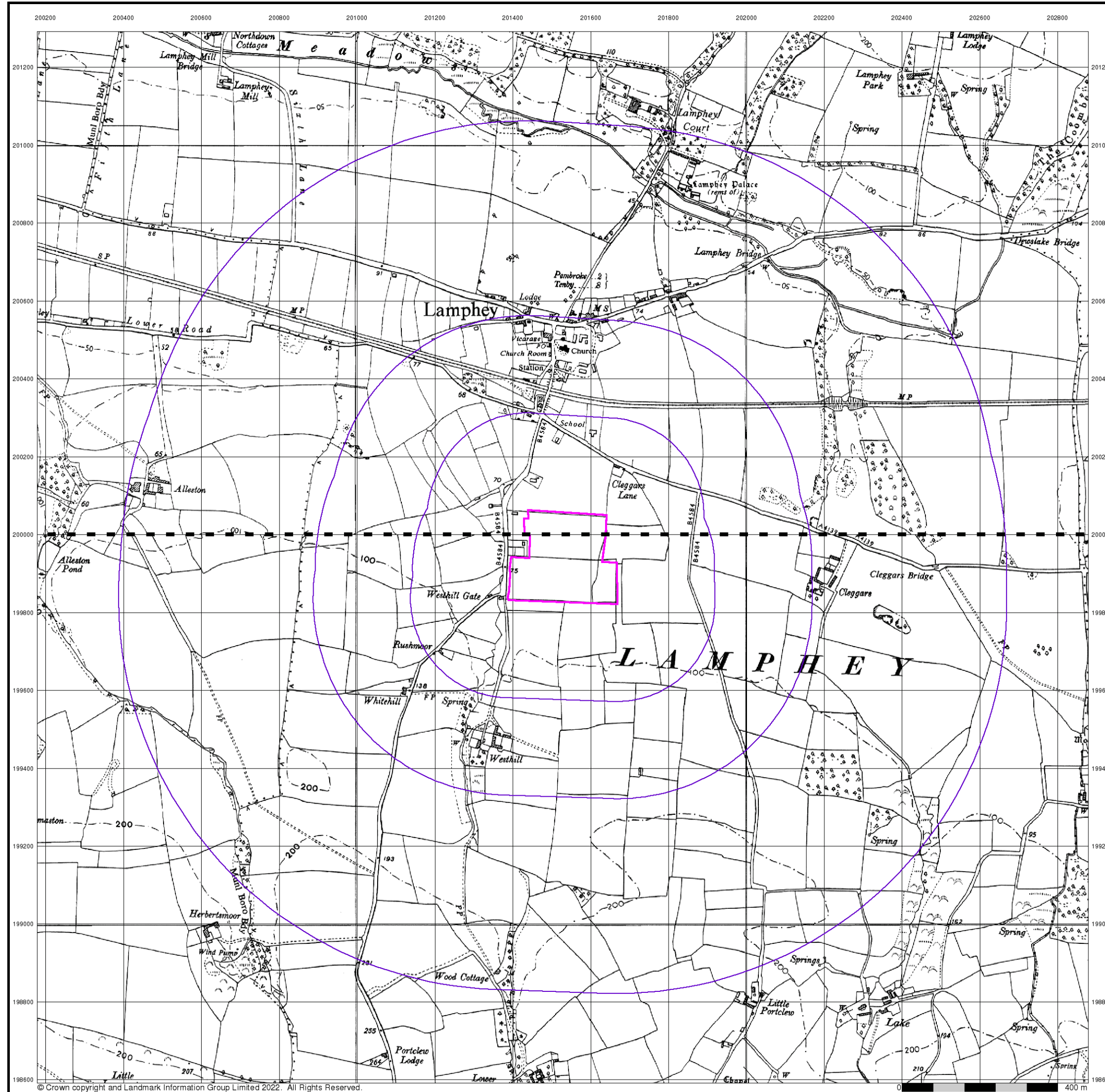
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 Search Buffer (m): 1000

### Site Details

Fernbrook, Freshwater East Road, Lamphrey, PEMBROKE, SA71 5JY



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### Ordnance Survey Plan

Published 1964

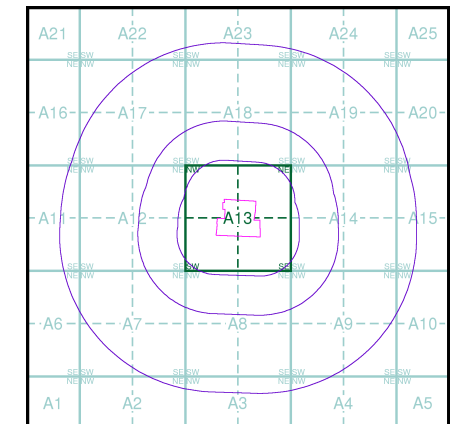
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

SN00SW	1964
1:10,560	
SS09NW	1964
1:10,560	

### Historical Map - Slice A



### Order Details

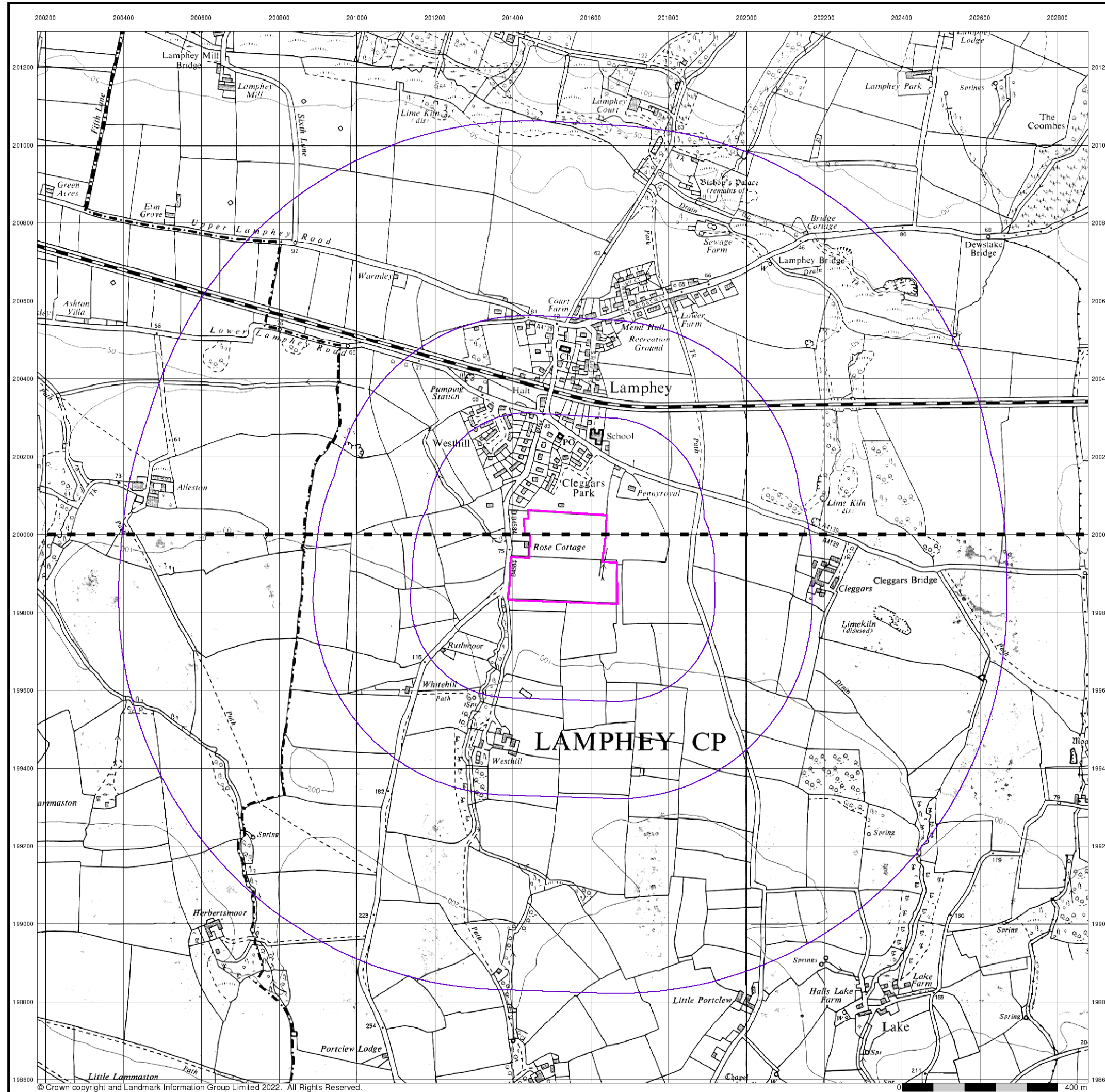
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
 Search Buffer (m): 1000

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**Ordnance Survey Plan**

**Published 1971**

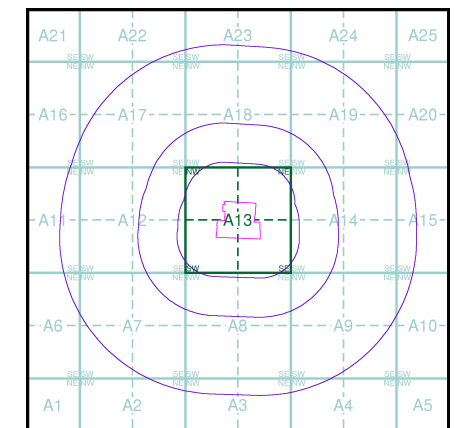
**Source map scale - 1:10,000**

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overlaid with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

**Map Name(s) and Date(s)**

- SN00SW | 1971 | 1:10,560
- SS09NW | 1971 | 1:10,560

**Historical Map - Slice A**



**Order Details**

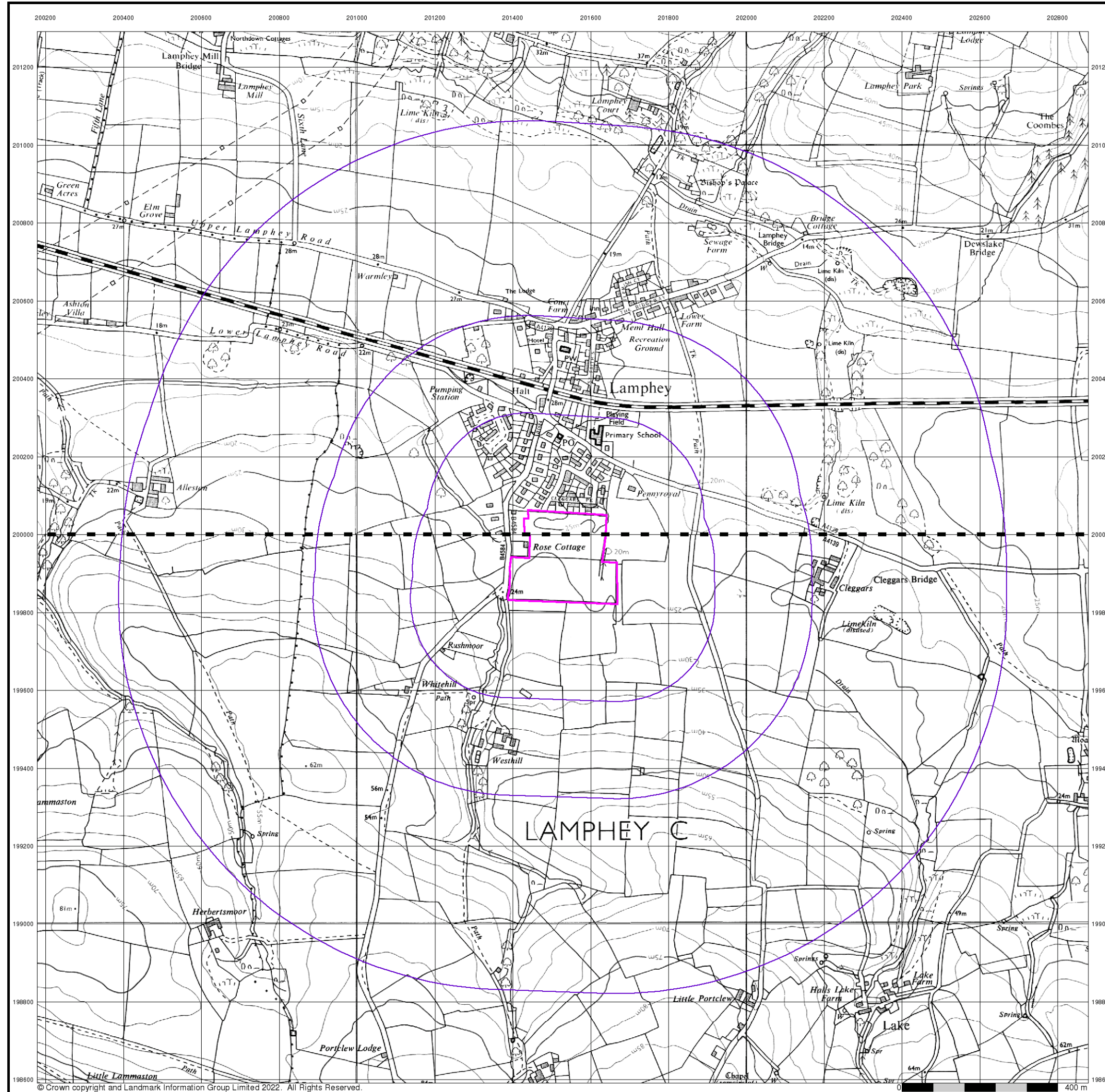
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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### Ordnance Survey Plan

Published 1986 - 1988

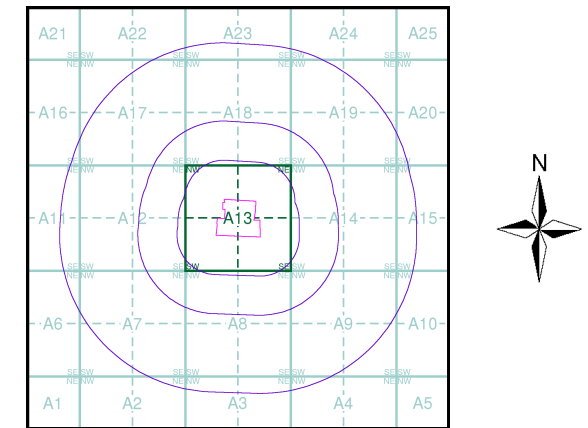
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

### Map Name(s) and Date(s)

SN00SW	1988	1:10,000
SS09NW	1986	1:10,000

### Historical Map - Slice A



### Order Details

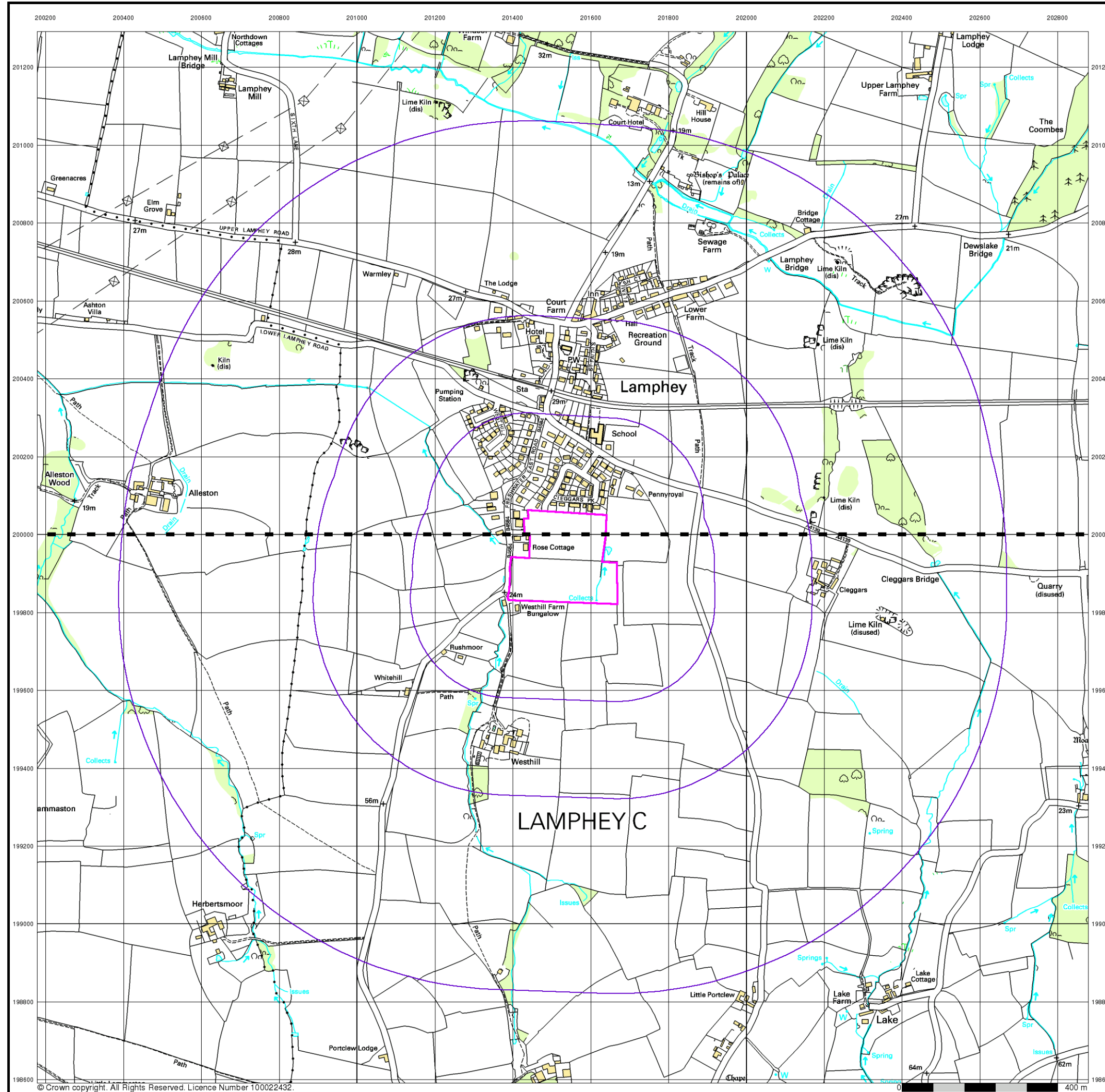
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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## 10k Raster Mapping

Published 2000

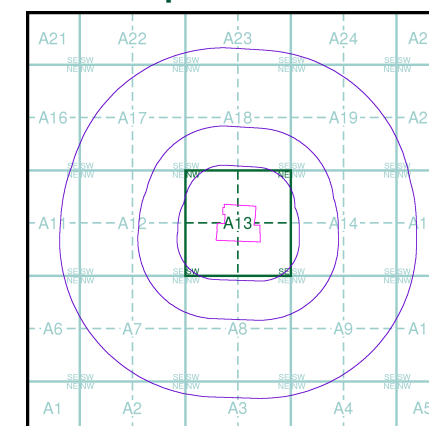
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)

SN00SW	2000	1:10,000
SS09NW	2000	1:10,000

### Historical Map - Slice A



### Order Details

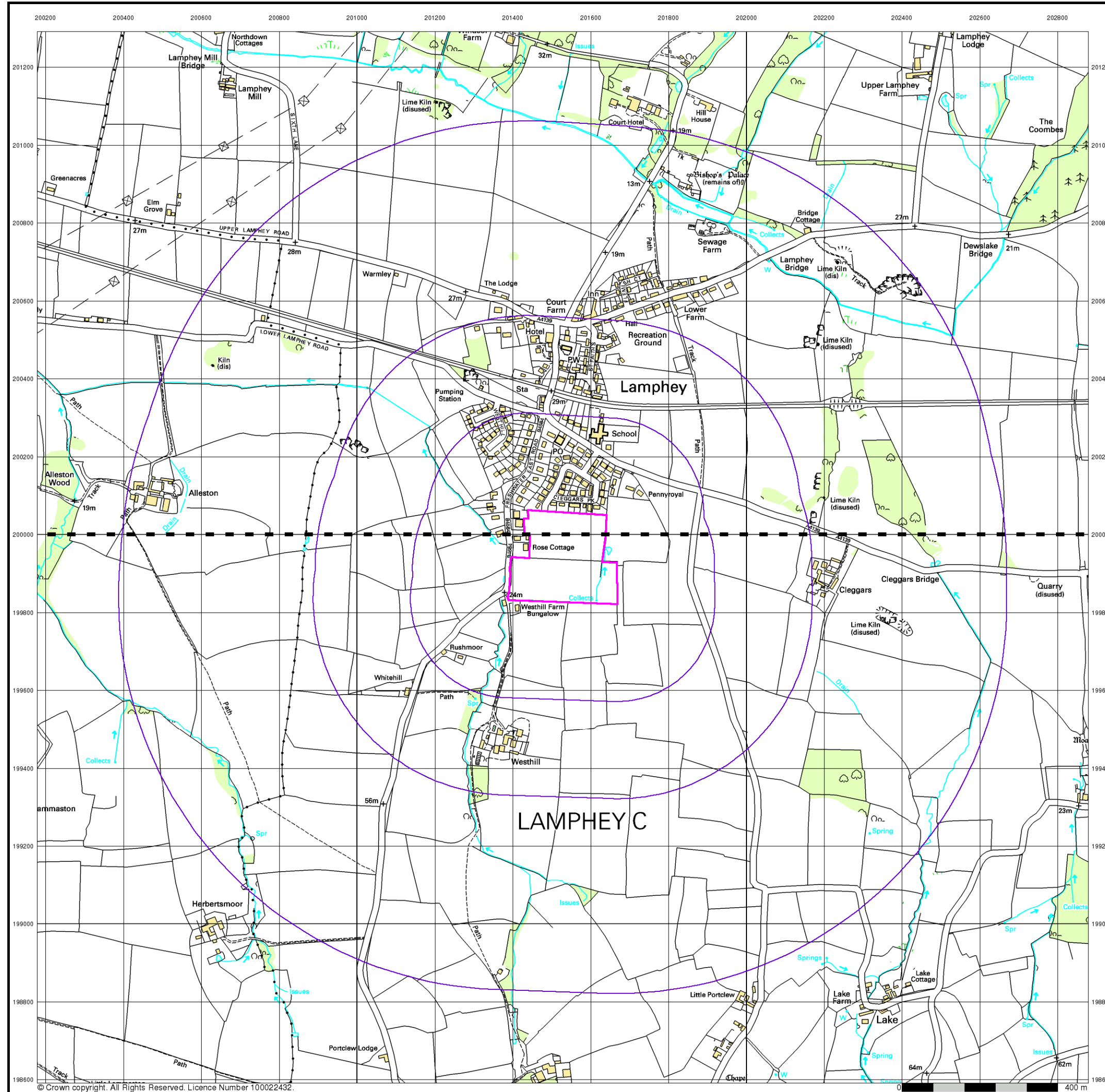
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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### 10k Raster Mapping

Published 2006

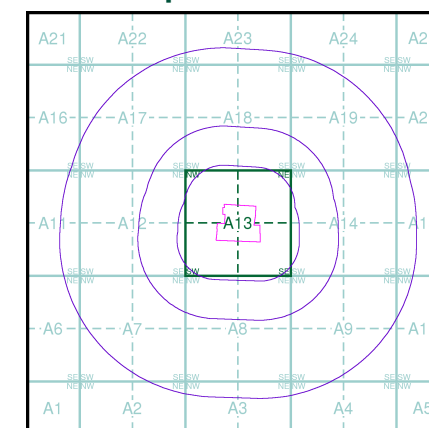
Source map scale - 1:10,000

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

### Map Name(s) and Date(s)

SN00SW	2006	1:10,000
SS09NW	2006	1:10,000

### Historical Map - Slice A



### Order Details

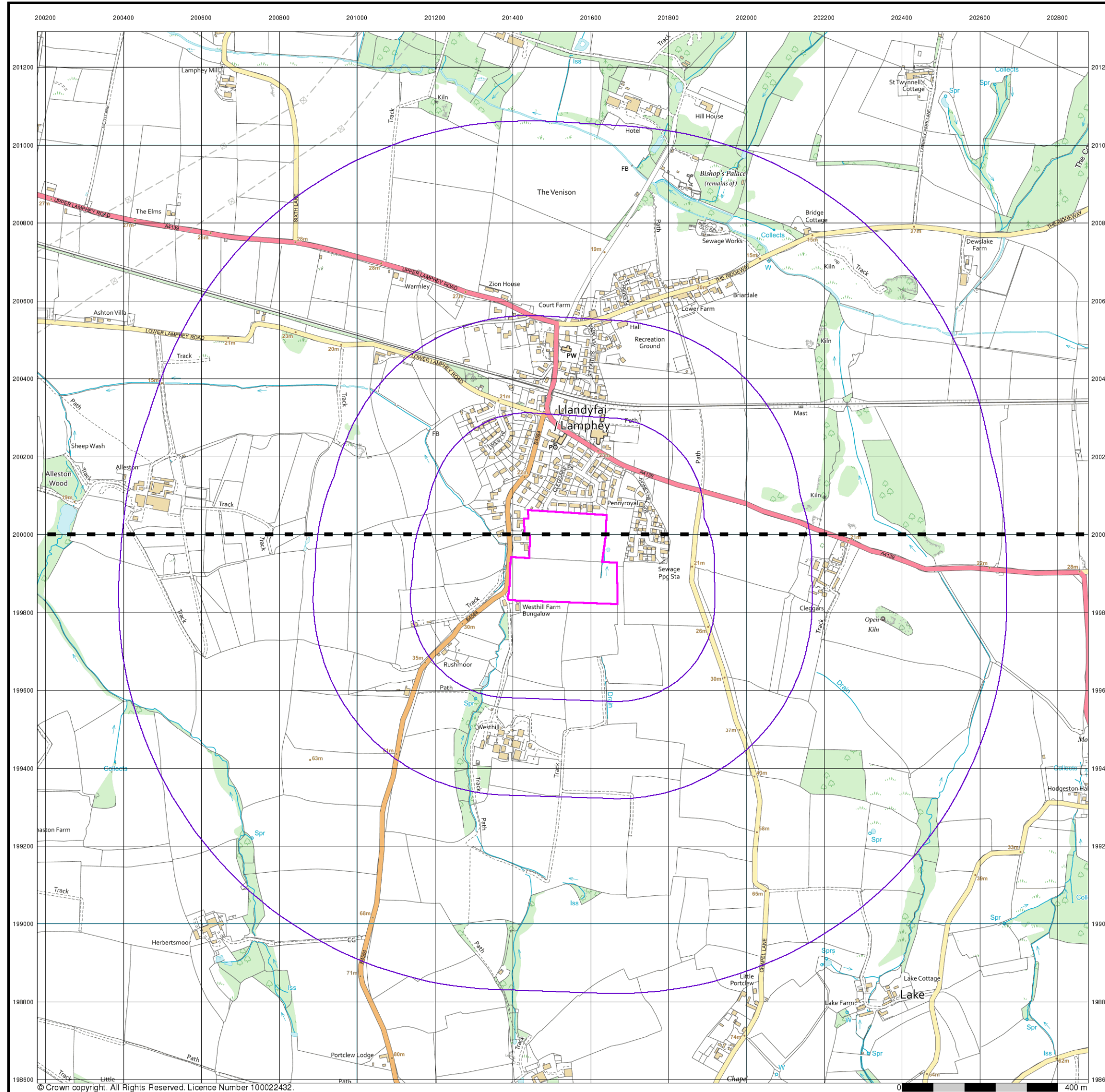
Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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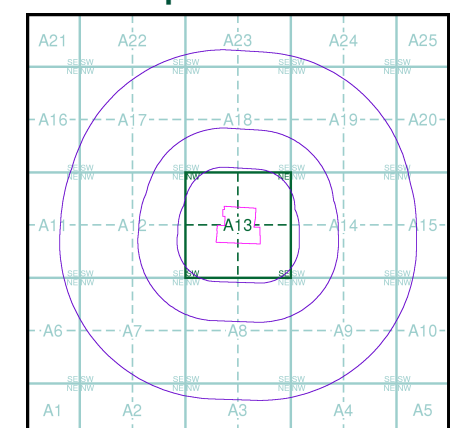
**VectorMap Local**  
**Published 2021**  
**Source map scale - 1:10,000**

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

**Map Name(s) and Date(s)**

- SN00SW | 2021 | Variable
- SS09NW | 2021 | Variable

**Historical Map - Slice A**



**Order Details**

Order Number: 302445936\_1\_1  
 Customer Ref: 22.09.023  
 National Grid Reference: 201530, 199930  
 Slice: A  
 Site Area (Ha): 5.43  
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