



Defence Infrastructure Organisation

LAND AT BULFORD CAMP

Phase 1 Preliminary Assessment





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CONTENTS

EXECUTIVE SUMMARY

1	INTRODUCTION	3
2	SITE DETAILS AND OVERVIEW	4
2.1	SITE DETAILS	4
2.2	SITE ACTIVITIES	5
3	SITE HISTORY	8
3.1	INTRODUCTION	8
3.2	OVERVIEW OF SITE HISTORY	8
4	PLANNING AND REGULATORY INFORMATION	11
4.1	REGULATORY INFORMATION	11
4.2	PLANNING APPLICATIONS	11
5	PREVIOUS WORK AT THE SITE	13
5.1	PREVIOUS REPORTS RELATING TO THE SITE	13
5.2	PREVIOUS PHASE 2 INVESTIGATIONS AT BULFORD CAMP	13
	ENTECH UK LIMITED, DEFENCE ESTATES, BULFORD GARRISON, LAND QUALITY ASSESSMENT PHASE TWO: INTRUSIVE INVESTIGATION, AUGUST 2004	13
	Scope of Work	13
	Findings – Ground Conditions	13
	WYG ENVIRONMENT, DEFENCE ESTATES, CANADIAN ESTATE, BULFORD, RE-DEVELOPMENT OF SERVICE FAMILIES ACCOMMODATION (SFA), GEO-ENVIRONMENTAL INTERPRETIVE REPORT, DECEMBER 2010	14
	Scope of Work	14
	Findings – Ground Conditions	14

ASPIRE DEFENCE CAPITAL WORKS, ARMY BASING PROGRAMME, BULFORD GARRISON – PHASE TWO GEO-ENVIRONMENTAL SITE ASSESSMENT AND FACTUAL GEOTECHNICAL REPORT, APRIL 2015

Scope of Work	14
Findings – Ground Conditions	14

6 ENVIRONMENTAL SETTING 16

7 PRELIMINARY RISK ASSESSMENT 21

7.1	CONCEPTUAL MODEL	21
7.2	POTENTIAL CONTAMINANT SOURCES	21
7.3	IDENTIFIED RECEPTORS	21
7.4	IDENTIFIED PATHWAYS	21
7.5	EXCLUSIONS FROM RISK ASSESSMENT	22
	MAINTAINANCE AND REDEVELOPMENT WORKERS	22
	INVASIVE SPECIES	22
	UNEXPLODED ORDNANCE (UXO)	22
	RADON	22
7.6	PRELIMINARY RISK ASSESSMENT	22

8 PRELIMINARY GEOTECHNICAL ASSESSMENT 26

8.1	INTRODUCTION	26
8.2	PREVIOUS INVESTIGATIONS	26
8.3	GROUND STABILITY HAZARDS	26
8.4	PRELIMINARY RECOMMENDATIONS	27

9 SUITABILITY FOR REDEVELOPMENT 29

9.1	CONCLUSIONS	29
9.2	RECOMMENDATIONS	29

TABLES

Table 7-1 - Sources of Contamination	21
Table 7-2 – Summary of Receptors	21
Table 7-3 – Summary of Receptors	24
Table 7-4 – Summary of environmental risks from potential sources associated with redevelopment (prior to mitigation)	25
Table 8-1 – Ground Stability Hazard Summary	26

FIGURES

Figure 2.1 Site Location Plan	4
Figure 3.1 Map Extract from 1924 taken from Envirocheck report October 2025	9
Figure 3.2 Map Extract from 1971 taken from Envirocheck report October 2025	10
Figure 6.1 Superficial Deposits	16
Figure 6.2 Summary of Bedrock Geology	17
Figure 6.3 Summary of Hydrology	19
Figure 6.4 Summary of Ecologically Designated areas	20

APPENDICES

APPENDIX A

FIGURES

APPENDIX B

ENVIROCHECK REPORT

APPENDIX C

HAZARD MAPPING AND LABELLING

EXECUTIVE SUMMARY

Background	WSP UK Ltd was commissioned by JLL on behalf of Defence Infrastructure Organisation (DIO) to undertake a Preliminary Risk Assessment of the site to support the planning for the proposed redevelopment.				
Purpose of the report	The purpose of the report is to assess the geoenvironmental constraints on the site for the proposed redevelopment. The report therefore considers future residential end use. The pre-application masterplan comprises eight houses in the eastern half of the site with gardens, driveways and a roadway.				
Site description and activities	The site is located in the north side of Bulford Camp and consists of two relatively flat grassed fields.				
Site history	The site was agricultural land/fields up until the 1920s when 14 buildings were constructed, as seen in a 1923 historical map. The buildings remained in place until they were demolished between 1972 and 1975 and the land has remained as an unused grassed area.				
Site sensitivity	The site has no superficial deposits and is underlain by the Seaford Chalk Formation (Principal Aquifer). Groundwater sensitivity is assessed to high. Surface water sensitivity is deemed moderate as the Nine Mile River is located 275m to the northwest of the site and flows into the River Avon. There are no ecologically designated areas on the site however, ecological sensitivity is assessed as moderate due to the sites close proximity to the Salisbury Plain SSSI, SAC and SPA.				
Potential sources of Contamination	The assessment of the site identified the following key potential sources of contamination (with their source number): BLGI06-G01 Demolished buildings and structures BLGI06-M01 Electricity substations The substations source was discounted as they are unlikely to lead to contamination due to limited contamination potential.				
Summary of potential risks	Potential Source	Potential Pollutant	Future residents (R1)	Principal Aquifer in the bedrock (Seaford Chalk Formation) (R3)	Nine Mile River (R4)
	BLGI06-G01 Made ground associated with demolished buildings	PAHs, metals, asbestos	M	L	L
	L – Low, M – Moderate The risks to below ground and maintenance workers have not been assessed.				
Geotechnical	In general the risk from ground stability hazards is considered as negligible to low with the exception of ground dissolution of soluble rock which is considered to be low to moderate given the nature of the Seaford Chalk Formation and known solution features within 2 km of the site.				

	The natural Seaford Chalk Formation would generally be considered suitable for shallow strip or pad foundations to support low rise structures on the assumption that significant thicknesses of Made Ground are unlikely to be encountered (>2m).
Conclusions	Without mitigation, the made ground arising from areas of demolished buildings poses a moderate potential risk to future residential end users. In addition, the former buildings may have left relic foundations or other buried structures which may pose a risk to new buildings or infrastructure (i.e. hard digging or obstructions). The site lies partially within an area where 1-3% of homes are above the radon Action Level.
Recommendations	Site-specific contamination data should be included in the pre-construction information for any proposed below ground works, including ground investigation, to enable contractors to address as necessary in their risk assessments and method statements. The site lies partially within an area where 1-3% of homes are above the Action Level. The need for and extent of radon protection measures for the development should be discussed and agreed with the Local Planning Authority. Ground investigation is recommended to clarify the risks to future residents and provide information on the presence and nature of made ground together with the thickness and engineering properties of the underlying chalk.

1 INTRODUCTION

Terms of Reference	WSP UK Ltd was commissioned by JLL on behalf of the Defence Infrastructure Organisation (DIO) to undertake a Preliminary Risk Assessment to support a planning application for development of eight dwellings on land at Sling Road, Bulford The content of this report follows the requirements of a Preliminary Risk Assessment and recommendations for further works. It also reflects the requirements of the Environment Agency Land Contamination Risk Management (LCRM)¹ Guidance. A preliminary geotechnical assessment is also included.
Purpose of the Report	The purpose of the report is to assess the geoenvironmental aspects of the site for the proposed development. The report therefore considers future residential end uses.
Development plans	The proposed development masterplans shows eight houses with gardens as well as driveways and a roadway in the eastern half of the site.
Aims and Methodology	The scope of works for the assessment comprises: • acquisition and interpretation of factual information from site and public domain sources; • a site visit on 3rd November 2025; and, • preparation of a report to present information gathered, interpret the implications for geoenvironmental considerations and provide advice on further works if appropriate. A preliminary geotechnical assessment has also been undertaken to include a review of potential geotechnical hazards and expected foundation solutions.
Structure of the report	Chapter 2 provides a description of the site; Chapter 3 gives a description of site history; Chapter 4 summarises the results of the review of regulatory information; Chapter 5 details previous ground investigations and Chapter 6 gives the environmental setting of the site in relation to the geology, hydrogeology, hydrology and ecology. Chapter 7 provides a conceptual site model and qualitative risk assessment addressing the significance of any sources of potential contamination identified at the site. Chapter 8 provides a preliminary geotechnical assessment and Chapter 9 provides conclusions and recommendations. Supporting information is provided in Appendices. Throughout the text, potential sources of contamination have been given a unique source reference number (e.g. BLGI06-M01-01). The source coding is explained in Appendix C. Potential sources of contamination are shown and labelled with their unique source reference number in Figures 2 in Appendix A.
Limitations	The conclusions reached and advice given in this report are based in part upon information and/or documents that have been prepared by third parties. In view of this, we accept no responsibility or liability of any kind in relation to such third-party information and no representation, warranty or undertaking of any kind, expressed or implied, is made with respect to the completeness, accuracy or adequacy of such third-party information. In preparing this report we have assumed that all information provided by the Client is complete, accurate and not misleading.

¹ [Land contamination risk management \(LCRM\) - GOV.UK \(www.gov.uk\)](https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm-guidance)

2 SITE DETAILS AND OVERVIEW

2.1 SITE DETAILS

Site Location The site is located in the north side of Bulford Camp, 2.5km northeast of the town Amesbury. The site is accessed via Amesbury Road turning off the A303 eastbound from Amesbury town itself.

The location of the site is shown on Figure 2.1 below and Figure 1 in Appendix A.

Figure 2.1 Site Location Plan



Site Address	Land at Bulford Camp, Bulford, Wiltshire, SP4 9NA.		
Grid Reference	NGR 418934, 144399		
Boundaries (Land uses and relevant features)		Adjacent	Beyond (within 200 m)
	North	Residential buildings	Agricultural land / fields
	East	Residential / commercial buildings	Residential buildings and fields
	South	Woodland	Woodland, residential buildings and sports ground
	West	Woodland	Fields and woodland
Site description	The site consists of two relatively flat fields that slope gently downwards from east to west. Elevation ranges from 97m Above Ordnance Datum (AOD) in the east to 90m AOD in the west. The site is 160m by 75m and approximately 1.2 Ha in size. Perimeter roads surround the site in a rectangular shape with a road cutting through the site from east to west. Multiple trees are present on the site. Figures 2.2 illustrates the layout of these site features.		

Figure 2.2 Plan Showing Site Features



2.2 SITE ACTIVITIES

A site walkover was carried out on the 3rd November 2025 which provided information on the site activities. Potential sources of contamination are shown and labelled with their unique source reference number in Figures 2 in Appendix A.

The site comprised grassed land with a few trees.

Potential Contamination Sources

Demolished buildings and structures (BLGI06-G01)

A number of demolished buildings (BLGI06-G01-01 to 14) were identified in historical OS maps (Section 3). These areas were visited as part of the site walkover. No remnant structures or generic housing rubble are present on the ground surface. Photos are provided below.



Photo 2.1 Area of demolished buildings BLGI06-G01-1 to 4, facing west



Photo 2.2 Area of demolished buildings BLGI06-G01-5 to 7, facing west



Photo 2.3 Area of demolished buildings BLGI06-G01-8 to 10, facing east



Photo 2.4 Area of demolished buildings BLGI06-G01-10 to 14, facing east

Potential Contamination Sources

Electrical Substations (BLGI06-M01) A substation (BLGI06-M01-1) with ID 'Sling Pumphouse LV FP38 Substation' was identified during the site visit. The substation likely supplies the Sling Cottages to the north.



Photo 2.5 Substation BLGI06-M01-1

3 SITE HISTORY

3.1 INTRODUCTION

A review of the historical development of the site and surrounding area has been undertaken principally using the following sources:

Envirocheck report from October 2025, included as Appendix B.

National Library of Scotland Historical Maps, accessed 21/10/2025

The information below describes the significant historical activities on the site. Each potential sources of contamination have been given a unique source reference number (e.g. BLGI06-M01-01) as set out in Appendix C. It should be noted that sites with a military or defence connection were often not included on OS maps during and between the World Wars and subsequent Cold War for reasons of national security.

3.2 OVERVIEW OF SITE HISTORY

1873-1923

Earliest available ordnance survey mapping from 1873 shows the site to be agricultural land/fields. Sling Road is present on the eastern side of the site with another road/track dissecting the western part of the site running from southwest to north. To the northeast of site there are six barrows.

1923-1972

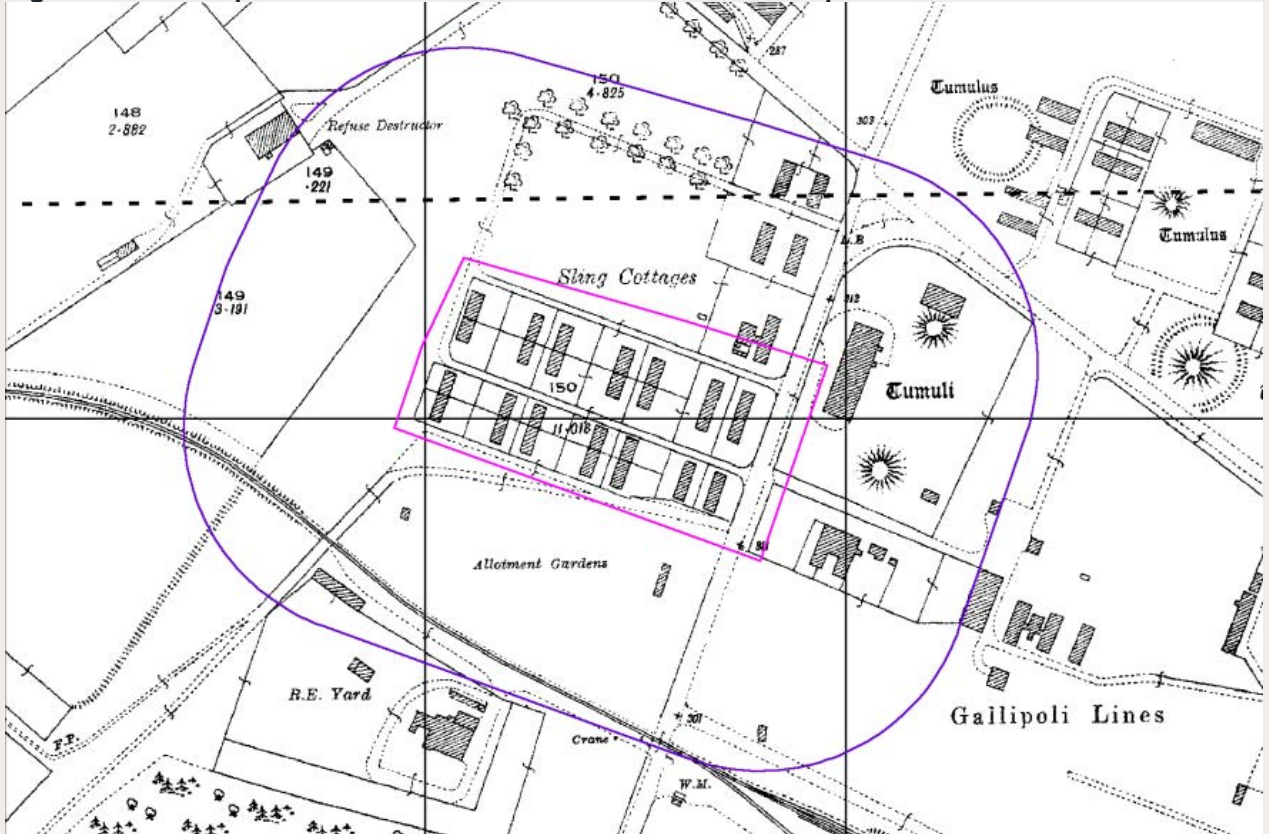
The first development of the site is seen in a 1923² map where 14 buildings (BLGI06-G01-1 to 14) are present on site. These buildings are present through to the latest historical OS map available from 1972³. It is not stated on the maps what these buildings were. The WSP Heritage report⁴ indicates they were single-storey accommodation huts. Off-site, to the east, the Sling Camp has been constructed and to the south Bulford Camp has been developed. 150m south of the site an RE Yard is present and 100m northwest of the site a Refuse Destructor has been built. 200m southeast of the site a pumping station is labelled likely where the disused groundwater abstraction is located.

² Hampshire & Isle of Wight Sheet XXII.SW Revised: 1923, Published: 1925 <https://maps.nls.uk/view/101440260>

³ SU14 - B/* Revised: 1922 to 1972, Published: 1958, Reprinted: ca. 1973 <https://maps.nls.uk/view/196189323>

⁴ WSP, Defence Infrastructure Organisation, Bulford Service Families Accommodation Demonstrator Site, Bulford Camp, Wiltshire, Historic Environment Desk-Based Assessment, December 2025

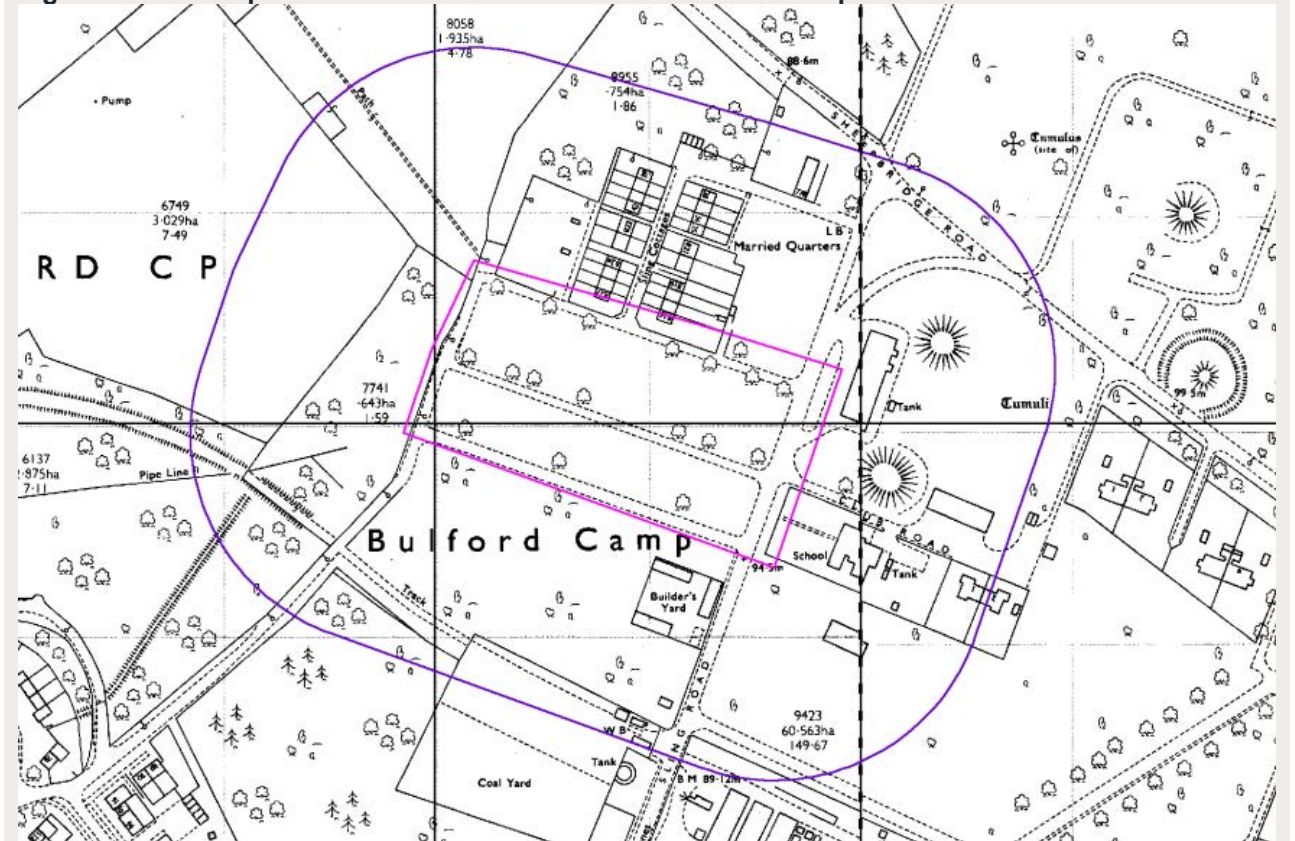
Figure 3.1 Map Extract from 1924 taken from Envirocheck report October 2025



1971-Present

An Ordnance Survey plan from 1971- shows that the 14 buildings present on the site have been demolished suggesting that they were demolished before 1971. From 1971 onwards, the land use does not change. In the 1971 map two tanks are labelled to the east of the site and one to the south and a builders yard has been constructed to the south of the site. It is not stated what was contained within the tanks. A coal yard is present 200m south of the site.

Figure 3.2 Map Extract from 1971 taken from Envirocheck report October 2025



4 PLANNING AND REGULATORY INFORMATION

4.1 REGULATORY INFORMATION

A review of regulatory information has been undertaken based on the Envirocheck report provided in Appendix B. This has been further supported by current regulatory information available online including the Environment Agency Public registers⁵, UK Radon information from UK Health Security Agency⁶ and the gov.uk database. Only information pertinent to the current assessment has been included below.

Activity	Details
Landfill	No historical landfills are located on-site or within 250 m of the site boundary.
Envirocheck Listed Potentially Infilled Land	No areas of potentially infilled land were identified within the site boundary.
Industrial Land Use	Two unspecified tanks are located within 250m of the site; one 38m northeast of the site and one 138m south of the site. The tank 38m northeast of the site appears to be an above ground storage tank with unknown contents.
Pollution Incidents	No pollution incidents to controlled waters are recorded on site or within 250m.
Licensed discharge consents	A search of the EA Public Registers ⁷ identified no licensed discharge consents related to the site.
Waste Exemptions	A search of the EA Public Registers ⁸ did not identify any waste exemptions at the site.
Radon⁹	The whole of the site lies within an area where 1-3% of homes are above the Action Level. Radon protection measures will likely be required during future development.

4.2 PLANNING APPLICATIONS

A list of planning applications identified on the Wiltshire Council planning portal¹⁰ for the site is provided below.

App Number	Description	Decision Date	Comment
PL/2022/01879	Two storey side extension, single storey rear extension and associated internal alterations. Addition of a porch.	Approved 11/4/2022	Located north of the site at Sling Cottages

⁵ [Results of searching All Registers \(data.gov.uk\)](#)

⁶ <https://www.ukradon.org/>

⁷ [Public Registers Online \(data.gov.uk\)](#), accessed 20/10/2025

⁸ [Public Registers Online \(data.gov.uk\)](#), accessed 20/10/2025

⁹ [UKradon - UK maps of radon](#), accessed 20/10/2025

¹⁰ [Wiltshire Council Planning Application Portal](#)

App Number	Description	Decision Date	Comment
S/2004/0928	CONSERVATORY	Approved with conditions 17/6/2004	Located north of the site at Sling Cottages
S/2004/2111	SINGLE STOREY REAR EXTENSION	Approved with conditions 10/11/2004	Located north of the site at Sling Cottages
S/2006/1633	ERECT 2 STOREY SIDE EXTENSION	Approved with conditions 26/9/2006	Located north of the site at Sling Cottages
16/05847/VAR	Variation of condition 2 of planning application 14/05430/ful to allow construction of decking at rear	Approved with conditions 29/7/2006	Located north of the site at Sling Cottages
14/05430/FUL	Two story extension to the side of the property with an extended porch	Approved with conditions 12/08/2004	Located north of the site at Sling Cottages

5 PREVIOUS WORK AT THE SITE

5.1 PREVIOUS REPORTS RELATING TO THE SITE

No previous reports have investigated the site however the following reports have been produced principally for the Bulford Camp site which lies 500m to the south:

Entec UK Limited, Defence Estates, Bulford Garrison, Land Quality Assessment Phase Two: Intrusive Investigation, August 2004

WYG Environment, Defence Estates, Canadian Estate, Bulford, Re-Development of Service Families Accommodation (SFA), Geo-Environmental Interpretive Report, December 2010

WYG Environment, Defence Estates, Canadian Estate, Bulford, Re-Development of Service Families Accommodation (SFA), Supplementary Risk Assessment Report, March 2011

SLR Global Environmental Solutions, Bulford Garrison, Validation Report, January 2013

SLR Global Environmental Solutions, Bulford Garrison, Environmental Assessment, Phase One Desk Study, October 2013

Aspire Defence Capital Works, Army Basing Programme, Bulford Garrison – Phase Two Geo-environmental Site Assessment and Factual Geotechnical Report, April 2015

SLR Global Environmental Solutions, Bulford Garrison, Army Basing Programme Validation Report, October 2019

KBR Aspire Defence, Existing Contamination – Bulford, March 2020

Pertinent information relating to the site within these reports have been used within this report.

5.2 PREVIOUS PHASE 2 INVESTIGATIONS AT BULFORD CAMP

Bulford Camp lies 500m to the south of the site and investigations have assessed the groundwater depth and geology as outlined below

ENTEC UK LIMITED, DEFENCE ESTATES, BULFORD GARRISON, LAND QUALITY ASSESSMENT PHASE TWO: INTRUSIVE INVESTIGATION, AUGUST 2004

Scope of Work

The investigation comprised 24 window sample holes to a depth of 1-3m bgl, six rotary open-holes into the chalk installing water monitoring wells, four trial pits, collecting soil samples, collecting groundwater samples, collecting sediment samples from the Nine Mile River and laboratory analysis of samples.

Findings – Ground Conditions

Made ground was encountered in all of the exploratory holes and varied in thickness from 0.1m to 1.0m. The strata comprised loose cream silty sand or gravel of weathered chalk with the occasional occurrence of coke breeze. The topsoil and made ground is underlain by a unit of chalk, chalk base was not defined. The chalk was encountered to a maximum drilling depth of 45m bgl (67.27mAOD) evident in BBH4.

Groundwater was encountered in all six rotary boreholes drilled at the site and ranged from 75.2m AOD to 77.5m AOD. The lowest levels were recorded on the northwestern boundary of the site, adjacent to the Nine Mile River. The highest standing groundwater was encountered in the northeastern area of the site.

WYG ENVIRONMENT, DEFENCE ESTATES, CANADIAN ESTATE, BULFORD, RE-DEVELOPMENT OF SERVICE FAMILIES ACCOMMODATION (SFA), GEO-ENVIRONMENTAL INTERPRETIVE REPORT, DECEMBER 2010

Scope of Work

WYG Environment carried out a supplementary ground investigation at the Canadian Estate following the results of the Entec UK Ltd 2004 ground investigation. The Canadian Estate is located in the southwest corner of Bulford Camp approximately 900m south of the site. The investigation comprised three cable percussive boreholes to 10.5m bgl with SPT testing and U100 sampling, eight in-situ plate load tests carried out in machine excavated trial pits at depths from 0.55m to 0.95m bgl, seven in-situ CBR tests carried out in trial pits at 0.5m bgl, four inspection pits to between 0.6m and 1.2m bgl, seven dynamic probing positions to between 2.55m and 5m bgl, two hand pits excavated to 0.25m bgl and chemical and geotechnical laboratory testing.

Findings – Ground Conditions

The geology encountered during the investigation was generally consistent across the site and comprised topsoil, localised made ground/fill, head deposits and chalk. Made ground was encountered between 0m to 0.7m bgl within 12 of 27 investigated locations. Two boreholes were drilled to 10.5m bgl and encountered groundwater strikes at 7m bgl rising to 6.6m bgl. Due to the shallow depth of the boreholes, the base of the chalk was not encountered. The chalk was encountered to a maximum drilling depth of 10m bgl in all cable percussion boreholes.

ASPIRE DEFENCE CAPITAL WORKS, ARMY BASING PROGRAMME, BULFORD GARRISON – PHASE TWO GEO-ENVIRONMENTAL SITE ASSESSMENT AND FACTUAL GEOTECHNICAL REPORT, APRIL 2015

Scope of Work

Aspire Defence Capital Works (Aspire) carried out a ground investigation across Bulford Camp to obtain geotechnical data in supporting the foundation design and carry out a geo-environmental assessment in support of a future planning application.

The scope of works involves six dynamic probe holes, 36 window sample boreholes to a maximum depth of 4.2m bgl, three cable percussion boreholes to a maximum depth of 19m bgl, installation of 16 ground gas/ groundwater monitoring wells, 25 machine excavated trial pits to a maximum depth of 3.1m bgl, three hand excavated trial pits to a maximum depth of 1m bgl, five California Bearing Ration (CBR) tests in five trial pits, collection soil samples for geotechnical and geo-environmental laboratory analysis, one round of groundwater monitoring and six rounds of ground gas monitoring.

Findings – Ground Conditions

For purposes of describing ground conditions the site was divided into East Bulford and West Bulford.

East Bulford:

Made ground was encountered in 15 exploratory holes to depths of >1m bgl with a maximum depth of 3.5m bgl at the northeast of the site. Seven exploratory holes encountered made ground to depths of <1m bgl. The made ground was comprised of two distinct strata: a sand and gravel of flint, brick, concrete, asphalt and ash and a reworked chalk with variable flint, brick and concrete. The

made ground was underlain by natural chalk in all locations apart from two which were underlain by a thin layer of head deposits. The chalk was drilled to a maximum depth of 19mbgl.

West Bulford:

Made ground was encountered to depths of >1m bgl within seven exploratory holes with a maximum depth recorded at 2m bgl at a trial pit in the northeast of the site. Thirty five exploratory holes encountered made ground to depths of <1m bgl. The made ground was comprised of two distinct strata: a brown silt with inclusions of flint, brick, concrete, asphalt and ash and a sand and gravel of flint, brick, concrete, asphalt and ash occasionally with fragments of metal, glass and plastic. Natural chalk was encountered below the made ground at all locations apart from one where the made ground and chalk were separated by a layer of 0.4m head deposits. The chalk was drilled to a maximum depth of 19mbgl.

Groundwater was encountered in one monitoring well which was located in the far west of the site. Depth to groundwater was encountered at 11.87m bgl (75.1m AOD).

6 ENVIRONMENTAL SETTING

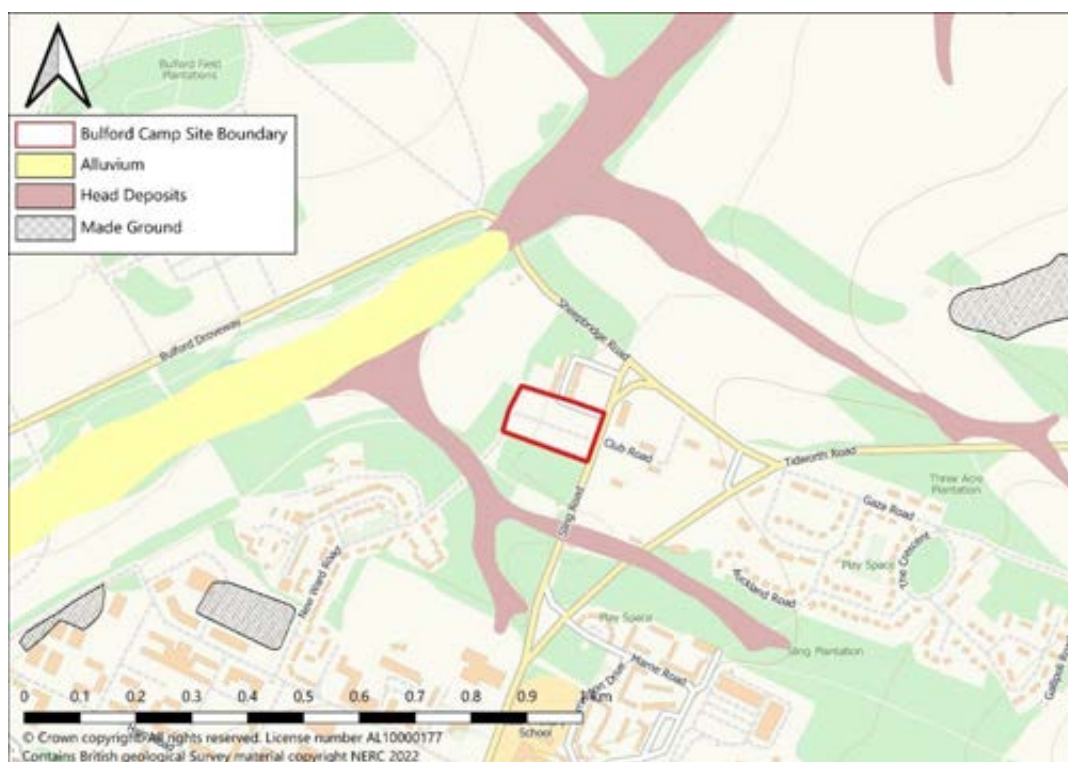
Source of information	Information on the site environmental setting has been obtained from the following sources: - British Geological Survey (BGS) Digital Geological map, 1:50,000 scale, Sheet 282 (Solid and Drift) (Devizes), BGS GeoIndex Onshore Viewer - Landmark Envirocheck report - The Environment Agency Catchment Data Explorer - The MAGIC website which provides geographic information about the natural environment from across government. - The groundwater and surface water sensitivity has been based on The Guidance for the Safe Development of Housing on Land Affected by Contamination R&D66: 2008.
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Topography	The site slopes gently downwards from east to west. Elevation ranges from 97m AOD to 90m AOD.
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Geology			
Strata	Location	Brief Description	Aquifer Type, average thickness (m), and approximate water level
Made Ground	Not previously proved at the site	No description of Made Ground soils has been provided in BGS borehole logs.	Aquifer not classified

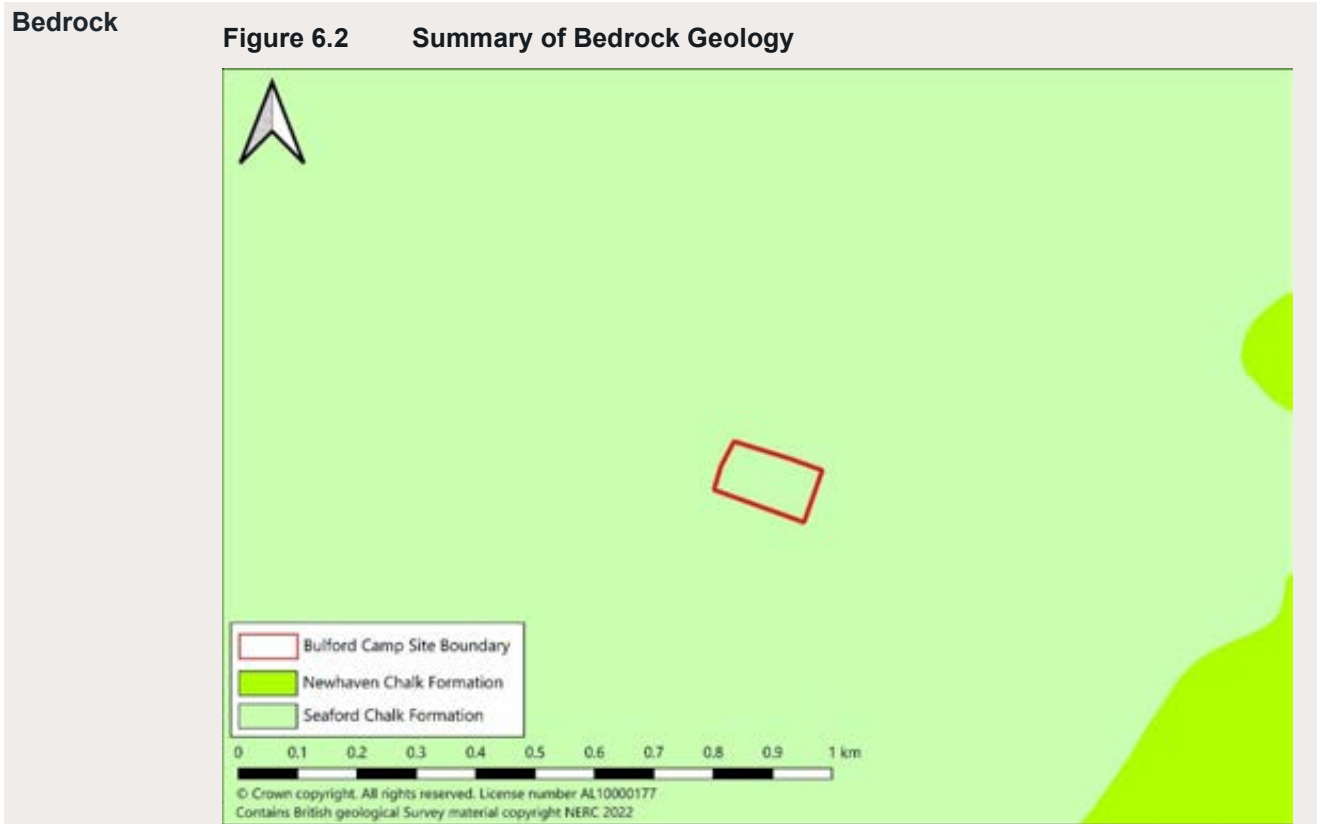
Superficial deposits	Superficial deposits are not present beneath the site.
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Figure 6.1 Superficial Deposits



Head deposits	Off-site to south and north	Poorly sorted and poorly stratified, angular rock debris and or clayey hillwash and soil creep.	Secondary Undifferentiated
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Alluvium	Off-site to northwest of the site	Unconsolidated clay, silt, sand and gravel	Secondary A Aquifer
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Seaford Chalk Formation	Underlies the whole site	BGS lexicon states that the Seaford Chalk Formation is a firm white chalk with conspicuous semi-continuous nodular and tabular flint seams. Hardgrounds and thin marls are known from the lowest beds. Some flint nodules are large to very large.	Principal Aquifer
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Off-site BGS borehole [SU14SE1](#) (west of the site) encountered the chalk formation at 0.2m bgl and described the first metre of the unit as friable and brownish white in colour. Off-site BGS borehole [SU14SE5](#) (50m to the east) indicates that the Chalk is at least 60m thick.

Structural Geology	No faults or mineral seams are recorded near the site extents on the geology map.
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Geochemistry	UK Soil Observatory (UKSO) data of pH levels in topsoil ¹¹ indicates that pH ranges from 7.2 to 7.5 at the site.
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¹¹ NERC, 2014, Model estimates of topsoil properties [Countryside Survey]

Hydrogeology	The Environment Agency classifies the Seaford Chalk Formation as a Principal Aquifer. The EA classifies the site to be in an area of high groundwater vulnerability¹². There is no superficial clay formations overlying the site which would reduce vertical migration of groundwater into the Seaford Chalk Formation. Groundwater was encountered within the Seaford Chalk Formation at 11.9m bgl (75.1m AOD) at Bulford Camp (located 500m to the south) in multiple boreholes¹³. Entec UK Limited stated groundwater level ranged from 75.2m to 77.5m AOD at Bulford Camp (500m to south of the site)¹⁴. WYG Environment recorded groundwater level at 7m bgl at the Canadian Estate in the southwest corner of Bulford Camp (900m to the southwest from the site)¹⁵. With this information and using the Hydrogeological Maps from the BGS¹⁶ it is estimated that groundwater level will be encountered between 75m to 80m AOD which correlates to potentially 15m to 20m below ground level (bgl). Regional groundwater flow is from north to south with groundwater flow localised around the Nine Mile River flowing from north-east to south-west¹⁷. The central and eastern part of the site lies within Zone 1 (Inner Protection Zone) of a source protection zone (SPZ) and the western part falls within Zone 2 (Outer Protection Zone) of a SPZ. A borehole abstraction called Sling Well is located 210m to the southeast of the site and is noted as active by Entec in 2004. Borehole ID SU14SE5 (at the location of Sling well) states that the well was pumped before 1925 and the SLR report that it is no longer in use¹⁸. Therefore the SPZ Zone 1 appears to relate to the unactive Sling well. There are two abstraction wells within Bulford Camp located 1.2km southwest of the site and two public water supply boreholes are located 1.8km west of the site at Durrington. The Environment Agency (EA) were contacted on 21/10/2025 regarding any groundwater abstractions within 2.5km of the site and confirmed that the two abstractions within Bulford Camp are active and known as BH01 and BH02. BH01 has an abstraction rate of 174.3 cubic metres hour and BH02 has an abstraction rate of 131.1 cubic metres per hour. The site is within a nitrate vulnerable zone for groundwater.
Groundwater Sensitivity	Groundwater Sensitivity: High The site is underlain by the Seaford Chalk Formation which is designated as a Principal Aquifer. Superficial deposits containing clay are not present at the site which would greatly reduce vertical migration of groundwater. The Seaford Chalk Formation is designated as having high groundwater vulnerability. A groundwater abstraction is located 210m southeast of the site however, it has been disused since 1925. Two public water supply boreholes are located 1.2km southwest of the site.

¹² [Magic Map Application](#)

¹³ Aspire Defence Capital Works, Army Basing Programme, Bulford Garrison – Phase Two Geo-environmental Site Assessment and Factual Geotechnical Report, April 2015

¹⁴ Entec UK Limited, Defence Estates, Bulford Garrison, Land Quality Assessment Phase Two: Intrusive Investigation, August 2004

¹⁵ WYG Environment, Defence Estates, Canadian Estate, Bulford, Re-Development of Service Families Accommodation (SFA), Geo-Environmental Interpretive Report, December 2010

¹⁶ <https://largeimages.bgs.ac.uk/iip/hydromaps.html?id=hampshire-iow.jp2>

¹⁷ SLR Global Environmental Solutions, Bulford Garrison, Army Basing Programme Validation Report, October 2019

¹⁸ Aspire Defence Capital Works, Army Basing Programme, Bulford Garrison – Phase Two Geo-environmental Site Assessment and Factual Geotechnical Report, April 2015

The central and eastern part of the site lies within Zone 1 of a SPZ and the western part of the site lies within Zone 2 of a SPZ.

Hydrology

The site is located within the catchment for Nine Mile River Water Body, which is a tributary of the River Avon. The Nine Mile River lies 270m to the northwest of the site.

The Nine Mile River Water Body is classified as moderate for its ecological criteria. For chemical criteria, the Nine Mile River Water Body fails due to uPBTs as a result of mercury and Polybrominated diphenyl ethers (PBDE) but is considered good quality if these are omitted from the assessment. A monitoring point¹⁹ 2.2km southwest and downstream of the site, on the Nine Mile River Water Body, recorded good values of cadmium, lead and nickel, and recorded high values of chromium (VI), copper, iron, manganese, phosphate and zinc.

The Environment Agency (EA) were contacted on 21/10/2025 regarding any surface water abstractions within 2.5km of the site and responded confirming that there are no surface water abstractions within the vicinity of the site. The Envirocheck report does not have any records of surface water abstractions within 1km of the site.

Figure 6.3 Summary of Hydrology



Hydrological Sensitivity

Surface Water Sensitivity: Moderate

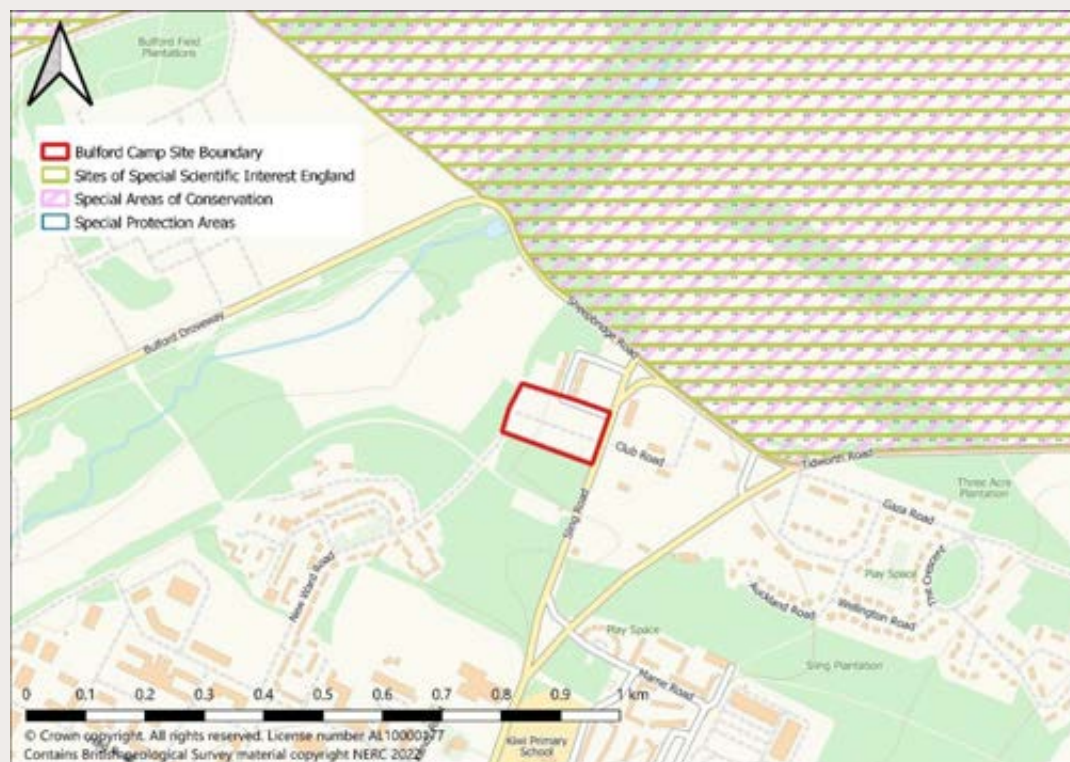
The Nine Mile River is located 270m northwest from the site and flows into the River Avon.

Ecology

There is no ecologically designated area located on the site however, a parcel of land 150m to the north of the site called Salisbury Plain is designated as a Site of Special Scientific Interest (SSSI), a Special Area of Conservation (SAC) and a Special Protection Area (SPA).

¹⁹ <https://environment.data.gov.uk/catchment-planning/MonitoringSite/360491>

Figure 6.4 Summary of Ecologically Designated areas



Ecological Sensitivity

The site is considered to be of a **moderate** ecological sensitivity due to the presence of the Salisbury Plain SSSI, SAC, and SPA being within 100m to the north.

7 PRELIMINARY RISK ASSESSMENT

7.1 CONCEPTUAL MODEL

This chapter presents the preliminary conceptual site model (CSM) developed for the site and identifies the presence of any potentially unacceptable risks. The conceptual model is a representation of the relationship between contaminant sources, pathways and receptors developed on the basis of hazard identification. Unique identification numbers or letters are allocated to each source, pathway and receptor; these are then carried forward to the risk assessment.

The land use for which the assessment has been undertaken is residential

7.2 POTENTIAL CONTAMINANT SOURCES

A number of potential sources of contamination have been identified at the site. These are shown on Figure 2; and listed in Table 7.1 along with details of their location.

Table 7-1 - Sources of Contamination

Potential Source No.	Potential Source	Associated Contaminants	Location	Comment
BLGI06-G01-01 to 14	Demolished buildings and structures	Metals, Asbestos, PAHs*	Within the main site	Demolished buildings identified on historical maps from the 1920s through to the 1970s. Demolished between 1972-1975. No new structures have been constructed in the general area of the demolished buildings and the land itself is currently grassed.
BLGI06-M01-01	Electricity substation	PCBs, TPH	On the north side of the site	No staining on the surrounding ground. Conditions were considered to be good. Contamination likely to be localised. <i>Not considered further.</i>

*Made Ground arising from demolished buildings has limited gas generation potential and hence soil gas has not been considered further in this assessment.

7.3 IDENTIFIED RECEPTORS

Potential receptors specific to the site are given below.

Table 7-2 – Summary of Receptors

Receptor Type	Descriptions
Future residents	Future residents (R1)
Groundwater	Principal Aquifer in the bedrock (Seaford Chalk Formation) (R3)
Surface water	Nine Mile River (R4)

7.4 IDENTIFIED PATHWAYS

Potential environmental fate and exposure pathways specific to the site are:

Direct contact, ingestion and inhalation of contaminated soils and tracked back soils and soil dust (pathway P1);
Uptake of plants and ingestion of home-grown vegetables (pathway P2);
Leaching of contamination from soils via rainwater infiltration (pathway P3); and
Vertical and lateral migration in groundwater (pathway P4)

7.5 EXCLUSIONS FROM RISK ASSESSMENT

MAINTAINANCE AND REDEVELOPMENT WORKERS

The risk assessment does not consider risks to construction or site maintenance workers on the basis that risks to workers will be dealt with under the Health and Safety at Work Act (1974) and regulations made under the act. Site-specific contamination data obtained from all site investigations should be included in the pre-construction information (a requirement of Construction Design and Management Regulations 2015) for any proposed below ground works, to enable any contractors to address potential risk from contamination as necessary in their risk assessments and method statements. Moreover, as the exact details of the method adopted are not currently known, it is not considered appropriate to provide a wide ranging and speculative risk assessment for construction or maintenance workers.

INVASIVE SPECIES

Identification and assessment of invasive species (such as Japanese Knotweed and Giant Hogweed) is outside of this scope of works and so they are not considered within the risk assessment.

UNEXPLODED ORDNANCE (UXO)

Assessment of unexploded ordnance is assessed separately and is not part of the current report.

RADON

The site lies partially within an area where 1-3% of homes are above the Action Level. Radon protection measures are likely to be required during the construction of the developments.

7.6 PRELIMINARY RISK ASSESSMENT

A preliminary risk assessment has been undertaken for these potential source-pathway-receptor linkages to identify potentially unacceptable risks on a qualitative basis. This approach is based on Department for the Environment Food and Rural Affairs (DEFRA) Statutory Guidance on Contaminated Land²⁰, Construction Industry Research and Information Association (CIRIA) guidance on risk assessment²¹, Environment Agency Guidance on Land contamination risk management (LCRM)²² and Environment Agency Guidance for the Safe Development of Housing on

²⁰ Department for Environment, Food and Rural Affairs, Circular 01/2012, Contaminated Land. April 2012

²¹ Construction Industry Research and Information Association (CIRIA), Contaminated Land Risk Assessment. A Guide to Good Practice. CIRIA C552, 2001

²² [Land contamination risk management \(LCRM\) - GOV.UK \(www.gov.uk\)](https://www.gov.uk/guidance/land-contamination-risk-management-lcrm)

Land Affected by Contamination R&D Publication 66: 2008. The risk is therefore based on a consideration of both:

the likelihood of an event (probability – takes into account both the presence of the hazard and receptor and the integrity of the pathway); and

the severity of the potential consequence (takes into account both the potential severity of the hazard and the sensitivity of the receptor).

The method of dealing with identified risks and the level of significance of those risks will be a function of site use. Potentially unacceptable risks identified for future development, prior to any mitigation, are considered in Table 7.3.

Table 7-3 – Summary of Receptors

Potential Source	Potential Pollutant	Potential Receptors	Potential Pathways to Receptors	Associated Hazard [severity]	Likelihood of Occurrence	Risk
BLGI06-G01 Made ground associated with demolished buildings	PAHs, metals, asbestos	Fourteen areas of demolished buildings are located on site. These buildings were constructed in the 1920s and were demolished in the early 1970s, as proven on historical OS maps. No areas of concrete and bricks were visible on the ground surface at the site. Made ground may be present in these areas.				
		Future residents (R1)	P1 Direct contact, ingestion and inhalation of contaminated soils and tracked back soils and soil dust P2 Uptake of plants and ingestion of home grown vegetables	Health Hazard [Medium]	Likely Presence, nature and extent of contamination is not proven in most of the site, although made ground is possible in areas of the demolished buildings. Potential for residents to come into contact with material in areas of soft landscaping.	Moderate
		Principal Aquifer in the bedrock (Seaford Chalk Formation) (R3)	P3 Leaching of contamination from soils via rainwater infiltration P4 Vertical and lateral migration in groundwater	Pollution of Controlled waters [Medium]	Unlikely Extent of made ground not proven. There is the potential for leaching of contaminants from made ground into the groundwater within this aquifer, although infiltration across the site since demolition in 1970s means any leachable contaminants are unlikely to remain. Groundwater levels have been recorded at 11.9m bgl at Bulford camp which lies 500m to the south, with flow direction likely to be to the southwards. A disused groundwater abstraction is located 210m southeast of the site and two water supply borehole are located 1.2km southwest of the site and a further two public supplies 2km to the west. The central and eastern part of the site lies within Zone 1 of a SPZ (although this is considered to be an inactive abstraction) and the western part of the site lies within Zone 2 of a SPZ.	Low
		Nine Mile River (R4)	P3 Leaching of contamination from soils via rainwater infiltration P4 Vertical and lateral migration in groundwater	Pollution of Controlled waters [Medium]	Unlikely Presence of made ground not proven. There is the potential for leaching of contaminants from made ground into the groundwater within this aquifer, although infiltration across the site since demolition in 1970s means any leachable contaminants are unlikely to remain. Groundwater within this aquifer is likely to be at depth (recorded ~11 m bgl at site 500m to the south), which is understood to flow from north to south, locally impacted by the River. River is 275m from the site at its closest point. River is Moderate ecological and Good chemical classification.	Low

The risks from the identified potential sources are summarised below:

Table 7-4 – Summary of environmental risks from potential sources associated with redevelopment (prior to mitigation)

Potential Source	Potential Pollutant	Future residents (R1)	Principal Aquifer in the bedrock (Seaford Chalk Formation) (R3)	Nine Mile River (R4)
BLGI06-G01 Made ground associated with demolished buildings	PAHs, metals, asbestos	M	L	L

L – Low, M/L – Moderate/Low, M – Moderate, N - Negligible

8 PRELIMINARY GEOTECHNICAL ASSESSMENT

8.1 INTRODUCTION

This section of the report provides a preliminary geotechnical assessment for the site and a summary of potential geotechnical hazards that could affect the proposed development and expected foundation solutions. It is understood that the current development proposals comprise the construction of various low-rise homes (max. 2.5 storeys). No significant earthworks or retaining structures are proposed.

It is anticipated that that the project will involve conventional types of geotechnical activities, with no exceptional or difficult ground conditions or loading conditions. Consequently, the proposed works for this project are classified as a Geotechnical Category 2, as per BS EN 1997-1 'Eurocode 7 – Geotechnical Design, General Rules'.

8.2 PREVIOUS INVESTIGATIONS

A full review of the previous ground investigation works is presented in Section 5. There has not been any intrusive investigations within the site boundary with all previous works focusing on the main Bulford Camp to the south. The previous investigations generally encountered Made Ground/Fill overlying River Terrace Deposits underlain by the Seaford Chalk Formation. Groundwater was encountered within the Seaford Chalk Formation at depths of 6.60 to 11.90 m bgl varying with the topography.

8.3 GROUND STABILITY HAZARDS

This section provides an assessment of the potential geological hazards that may give rise to instability or adverse foundation / construction conditions as supplied by the BGS from their National Geoscience Information Service (NGIS). The hazard ratings are presented in the Landmark Report reproduced in Appendix B. The generic assessment is generated automatically based on digital geological maps and the scope and accuracy is limited by the methods used to create the dataset. Therefore this only considered indicative for the search area and further intrusive investigation is required to better define the risks.

The information contained in the report has been reviewed and where considered necessary reassessed considering the specific information available for the site and engineering judgement. The assessment is presented in Table 8-1 below.

Table 8-1 – Ground Stability Hazard Summary

Potential Hazard	Maximum Hazard Rating	WSP Comment
Compressible Deposits	Onsite - Very Low Offsite - Moderate	No Made Ground or Superficial Deposits recorded onsite. Potential compressible deposits present within the Alluvium approximately 185m northwest. Potential for variable Made Ground soils to be present given historical land use and presence of buildings that have since been demolished, although not expected to be significant. Risk considered to be Low.

Ground Dissolution of Soluble Rock

Onsite – Very Low
Offsite - Low

The bedrock of the site and surrounding area overlies the Seaford Chalk Formation which is a soluble rock, albeit not in an area considered as high risk (e.g. limited superficial cover)

Known solution features are present within 2 km of the site. A review of the freely available LIDAR data shows a series of potential solution features within 1 km of the site.

The risk of ground dissolution of soluble rock at the site is considered to be Low to Moderate.

Landslides

Onsite – No Hazard
Offsite – Very Low

Due to the gently sloping topography and the absence of any large cuts within the proposed site area the Risk is considered to be Negligible.

Running Sands

Onsite – No Hazard
Offsite – Very Low

No granular material is recorded onsite by the BGS with limited Alluvium and River Terrace Deposits recorded offsite. Risk considered to be Negligible.

Shrinking or Swelling of Clay

Onsite – No Hazard
Offsite – Very Low

No cohesive deposits recorded onsite by the BGS, potential cohesive material within the Alluvium or River Terrace Deposits recorded offsite. Risk considered to be Negligible.

The Mining Remediation Interactive Map shows that the site is located outside a “Coal Mining Reporting Area” and is therefore not considered at risk from coal mining associated risks. The Landmark report indicates that there was no mining or extraction present onsite. However, there are historical surface mineral working 762 m west of the site at Bulford Leas Grave Pit.

There is considered to be **negligible risk** associated to the proposed development from historical mining or mineral extraction in the area.

As discussed in Section 3 of this report, there has been historical demolition of former buildings in the vicinity of the site. The former site uses and historical building on site may have left relic foundations or other buried structures which may pose a risk to new buildings or infrastructure (i.e. obstructions and hard digging conditions).

8.4 PRELIMINARY RECOMMENDATIONS

Although not identified in the geological mapping, there is potential for Made Ground of variable strength and thickness to be encountered across the site due to previous land usage. The nature and thickness of these materials would need to be confirmed during ground investigation.

The natural Seaford Chalk Formation would generally be considered suitable for shallow strip or pad foundations to support low rise structures on the assumption that significant thicknesses of Made Ground are unlikely to be encountered (>2m).

Ground investigation will be required to inform the ground model including profiling the depth to competent chalk, deriving geotechnical parameters for design and assessing the potential for dissolution features to be present. This should include logging of chalk in accordance with CIRIA C574 “Engineering in Chalk” and geotechnical laboratory testing.

It is anticipated that a ground investigation comprising machine excavated trial pits would be suitable, to include geotechnical testing comprising saturated moisture content/dry density tests on

intact samples of chalk to determine its engineering characteristics. Trial pits are considered the most suitable method of determining the in-situ structure and classification of the chalk.

A site wide geophysical survey could also be considered to identify any solution features present within the chalk.

Due to the possibility for solution features within the Seaford Chalk Formation, the planning and position of soakaways will need to consider this risk following the guidance within CIRIA C574. Again, this will need to be further assessed following the ground investigation and infiltration testing, as necessary.

9 SUITABILITY FOR REDEVELOPMENT

9.1 CONCLUSIONS

A land quality assessment has been completed for the site and concluded the following:

Without mitigation, the made ground arising from areas of demolished buildings poses a moderate potential risk to future residential end users

The potential risk arises from the uncertainty regarding the nature and extent of the made ground at the site associated with demolished buildings. Further investigation is required to confirm the presence and nature of the identified potential sources of contamination. Any contamination confirmed by this investigation can be mitigated, for instance by the consideration of site layout and, should contamination (associated with made ground) be confirmed to be present, the installation of a cover system or removal of the made ground. With such mitigation, the site would be suitable for the proposed redevelopment.

The site lies partially within an area where 1-3% of homes are above the Action Level. Radon protection measures are likely to be required during the construction of the developments.

9.2 RECOMMENDATIONS

The following are recommended to support redevelopment of the site:

Site-specific contamination data should be included in the pre-construction information for any proposed below ground works, including ground investigation, to enable contractors to address as necessary in their risk assessments and method statements.

The site lies partially within an area where 1-3% of homes are above the Action Level. The need for and extent of radon protection measures for the development should be discussed and agreed with the Local Planning Authority.

Ground investigation and laboratory testing will be required to provide information on:

- the presence and nature of made ground, and the nature and engineering properties of the underlying geology to support geotechnical design elements
- the presence and nature of made ground to update the preliminary risk assessment and identify the need for and extent of any remedial works if unacceptable risks are posed by the made ground to future site residents.
- The depth to groundwater and soakaway tests are required to assess the viability of infiltration as part of the drainage at the site.

Based on the brief and information provided by the Client, as well as the findings of this report, the following ground investigation scope for the full site is proposed as follows:

- 12 hand pits up to 1.2m depth (depending on ground conditions) to allow logging of shallow strata and collection of soil samples for geoenvironmental testing.
- Six machine excavated trial pits to determine the thickness of the Made Ground present together with the nature and composition of the underlying bedrock Chalk. Note if six trial pits are undertaken then the number of hand pits listed above can reduce to six.

- Two in-situ soakaway tests in line with BRE 365 guidance within the machine excavated trial pits.
- Two boreholes using a cable percussion rig to a maximum depth of 15m bgl to prove groundwater level.
- Six rounds of groundwater monitoring over three months to determine groundwater level to aid infiltration testing.
- Four in-situ CBR tests in the location of the proposed roads and parking areas.
- Analysis of up to 20 No. soil samples for a chemical testing suite (heavy metals, pH, cyanide, total petroleum hydrocarbons (TPH-CWG) and polycyclic aromatic hydrocarbons (PAH), asbestos screen and identification and asbestos quantification if identified.
- Analysis of up to 18 soil samples for geotechnical testing comprising BRE SD1 sulphate suites and saturated moisture content of chalk.

The ground investigation scope covers drainage, geotechnical testing and land contamination. The land contamination aspect should be agreed with the Local Planning Authority.

If only the eastern section of the site is to be redeveloped, then the investigation could be reduced and focussed on the eastern part with the hand pits focussed on the areas of landscaping.

In order to support the ground investigation, utility plans and a UXO assessment will be consulted along with any information on ecological constraints for the intrusive fieldwork.

Appendix A

FIGURES

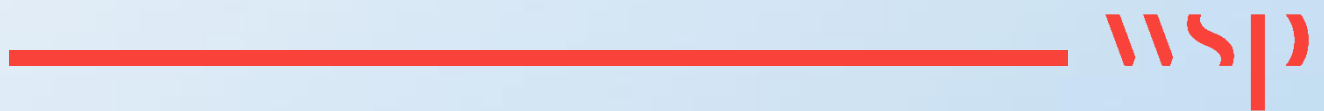
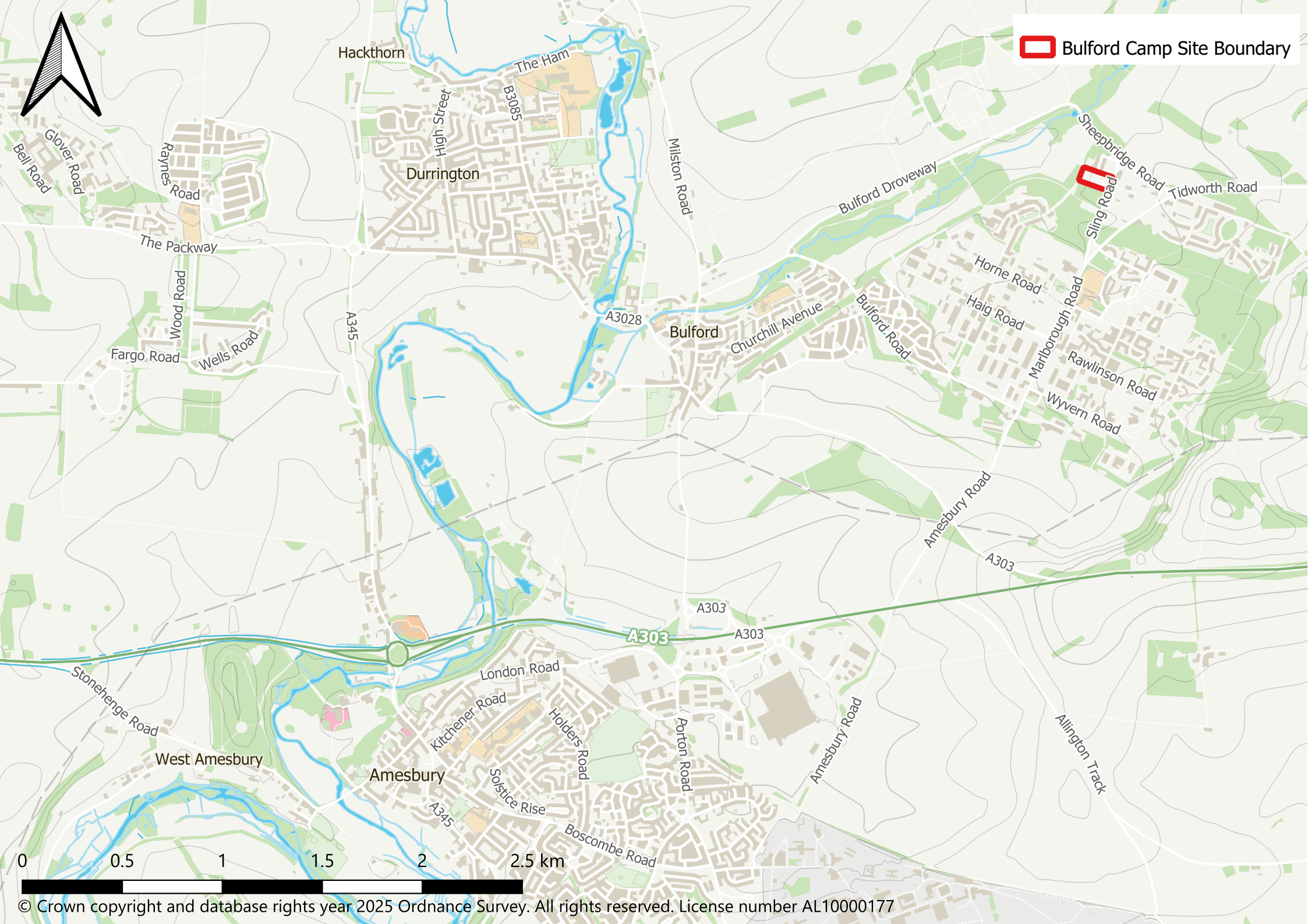


Figure 1 – Site Location Plan

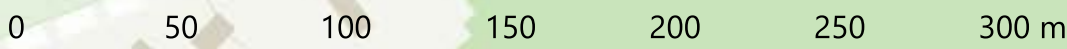
Figure 2 – Potential Sources of Contamination



 Bulford Camp Site Boundary

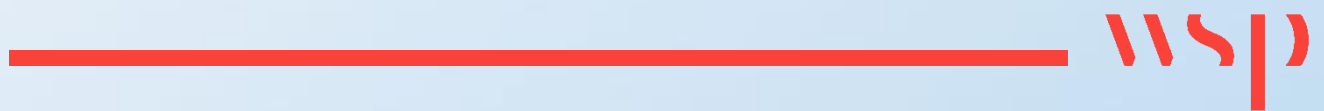


-  Bulford Camp Site Boundary
- Potential Sources of Contamination
 -  G Demolished Buildings and #structures
 -  M Substations



Appendix B

ENVIROCHECK REPORT



Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

388279142_1_1

Customer Reference:

Bulford Camp

National Grid Reference:

418890, 144410

Slice:

A

Site Area (Ha):

1.72

Search Buffer (m):

1000

Site Details:

Site at 418930, 144400

Client Details:

Mr M Rudd
WSP UK Ltd
Canon Court
Abbey Lawn
Abbey Foregate
Shrewsbury
Shropshire
SY2 5DE

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	10
Hazardous Substances	-
Geological	11
Industrial Land Use	13
Sensitive Land Use	17
Data Currency	18
Data Suppliers	24
Useful Contacts	25

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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Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England. The probability result is only valid for properties above ground. All basement and cellar areas are considered to be at additional risk from high radon levels. If an underground room such as a cellar or basement makes up part of the living or working accommodation, the property should be tested regardless of Radon Affected Area status.

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Report Version v53.0

Contents

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 2			4	12
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register	pg 6				1
Water Abstractions	pg 6				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 7	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 7	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information		1	n/a	n/a	n/a
Bedrock Aquifer Designations	pg 7	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones	pg 7	3	1		
Extreme Flooding from Rivers or Sea without Defences	pg 7		Yes	n/a	n/a
Flooding from Rivers or Sea without Defences	pg 7		Yes	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 8			4	11
Water Framework Directive - Catchment	pg 9	Yes			
Water Framework Directive - Groundwater	pg 9	Yes			
Water Framework Directive - Surface Waters	pg 9			Yes	

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Waste					
BGS Recorded Landfill Sites					
Historical Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 10	2	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 10				1
Potentially Infilled Land (Non-Water)	pg 10				1
Potentially Infilled Land (Water)	pg 10		2		
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Geological					
BGS 1:625,000 Solid Geology	pg 11	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 11	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 11				1
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			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 11	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 11	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 11		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 12	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 12		Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 12		Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 13				1
Fuel Station Entries	pg 13				1
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 13		2	1	14
Points of Interest - Public Infrastructure	pg 14			2	
Points of Interest - Recreational and Environmental	pg 14			9	7
Underground Electrical Cables					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland					
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Areas of Outstanding Natural Beauty					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones	pg 17	1			
Ramsar Sites					
Sites of Special Scientific Interest	pg 17		1		
Special Areas of Conservation	pg 17		1		
Special Protection Areas	pg 17		1		
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	418800 144406
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	0	1	418850 144406
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (SE)	0	1	418890 144406
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	24	1	418850 144500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	30	1	418800 144500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	80	1	418890 144550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (W)	86	1	418700 144400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	93	1	418900 144550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (NW)	101	1	418750 144550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	186	1	418600 144406
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	232	1	419050 144650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	250	1	419100 144650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (NE)	273	1	419200 144600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	275	1	419150 144650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	296	1	419100 144700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	350	1	418600 144750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	362	1	419150 144750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	365	1	418650 144800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	380	1	418750 144850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	391	1	418600 144800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	392	1	418700 144850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A18SE (N)	409	1	419000 144850

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	431	1	418450 144700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	433	1	418600 144850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	474	1	418800 144950
1	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Picton & Ward Barracks Rmp Vehicle Washdown & Pol Stn, Bulford Garrison, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043358 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	331	2	418660 144090
1	Discharge Consents Operator: Property Manager Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043357 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: 4th November 2002 Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	331	2	418660 144090
1	Discharge Consents Operator: Aspire Defence Services On Behalf Of Mod Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Picton & Ward Barracks Rmp Vehicle Washdown & Pol Stn, Bulford Garrison, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043358 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: 16th December 2012 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	331	2	418660 144090

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
1	Discharge Consents Operator: Brey Utilities Property Type: MOD/Civil Establishment Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043358 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A13SW (SW)	335	2	418660 144085
2	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043355 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	554	2	419110 143800
2	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043356 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A8NE (S)	554	2	419110 143800
2	Discharge Consents Operator: Aspire Defence Services On Behalf Of Mod Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043355 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 8th March 1996 Revocation Date: 16th December 2012 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Land/Soakaway Environment: Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	554	2	419110 143800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	Discharge Consents Operator: Brey Utilities Property Type: MOD/Civil Establishment Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043356 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Land/Soakaway Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	554	2	419110 143800
2	Discharge Consents Operator: Aspire Defence Services On Behalf Of Mod Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043356 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: 16th December 2012 Discharge Type: Trade Effluent Discharge-Site Drainage Discharge Environment: Land/Soakaway Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A8NE (S)	554	2	419110 143800
2	Discharge Consents Operator: Brey Utilities Property Type: MOD/Civil Establishment Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043355 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 8th March 1996 Revocation Date: Not Supplied Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge Environment: Land/Soakaway Receiving Water: Discharge To Soakaway Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A8NE (S)	559	2	419110 143795
3	Discharge Consents Operator: Brey Utilities Property Type: MOD/Civil Establishment Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043360 Permit Version: 1 Effective Date: 21st December 1998 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Process Effluent - Water Company (Wtw) Discharge Environment: Freshwater Stream/River Receiving Water: Nine Mile River Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	692	2	418100 144300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consents Operator: Property Manager Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043364 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: 4th November 2002 Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Freshwater Stream/River Environment: Receiving Water: Nine Mile River Status: Consent revoked: Discharge ceased (Water Resources Act 1991, Schedule 10 & 6) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	692	2	418100 144300
3	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Picton & Ward Barracks Rmp Vehicle Washdown & Pol Stn, Bulford Garrison, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043361 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Discharges - Site Drainage (Contam Surface Water, Not Waste Site) Discharge: Freshwater Stream/River Environment: Receiving Water: Nine Mile River Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	692	2	418100 144300
3	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Picton & Ward Barracks Rmp Vehicle Washdown & Pol Stn, Bulford Garrison, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043360 Permit Version: 1 Effective Date: 21st December 1998 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Nine Mile River Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	692	2	418100 144300
3	Discharge Consents Operator: Brey Utilities Property Type: MOD/Civil Establishment Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043361 Permit Version: 1 Effective Date: 21st February 1996 Issued Date: 23rd February 1996 Revocation Date: Not Supplied Discharge Type: Trade Boiler Blowdown Effluent: Unspecified Discharge: Freshwater Stream/River Environment: Receiving Water: Nine Mile River Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 100m	A12SW (W)	693	2	418100 144295

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Secretary Of State For Defence Property Type: PRISONS/MOD SITES/PUBLIC ADMIN+DEFENCE+COMP SOCIAL SEC Location: Bulford Garrison Kiwi Barracks, Rmp Vehicle Washdown, Salisbury, Wiltshire, Sp4 9jy Authority: Environment Agency, South West Region Catchment Area: Avon - Above Salisbury Reference: 043466 Permit Version: 1 Effective Date: 24th March 1996 Issued Date: 28th March 1996 Revocation Date: Not Supplied Discharge Type: Trade Effluent Discharge-Site Drainage Discharge: Freshwater Stream/River Environment: Receiving Water: Nine Mile River Status: New Consent, by Application (Water Resources Act 1991, Section 113 & Schedule 12) Positional Accuracy: Located by supplier to within 10m	A12SW (W)	801	2	418000 144240
	Nearest Surface Water Feature	A13NW (N)	247	-	418777 144720
5	Substantiated Pollution Incident Register Authority: Environment Agency - South West Region, Wessex Area Incident Date: 4th December 2009 Incident Reference: 737999 Water Impact: Category 3 - Minor Incident Air Impact: Category 4 - No Impact Land Impact: Category 2 - Significant Incident Positional Accuracy: Located by supplier to within 10m Pollutant: Oils - Diesel (Including Agricultural)	A7NW (SW)	877	2	418001 144004
	Water Abstractions Operator: Ancala Water Services (Estates) Limited Licence Number: Sw/043/0021/027 Permit Version: 1 Location: Borehole 2 At Bulford Camp Authority: Environment Agency, South West Region Abstraction: Crown and Government: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd June 2023 Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier	(W)	1829	2	417000 144000
	Water Abstractions Operator: Ancala Water Services (Estates) Limited Licence Number: Sw/043/0021/027 Permit Version: 1 Location: Borehole 1 At Bulford Camp Authority: Environment Agency, South West Region Abstraction: Crown and Government: Drinking, Cooking, Sanitary, Washing, (Small Garden) Abstraction Type: Water may be abstracted from any point within an area Source: Groundwater Daily Rate (m3): Not Supplied Yearly Rate (m3): Not Supplied Details: Not Supplied Authorised Start: 01 April Authorised End: 31 March Permit Start Date: 22nd June 2023 Permit End Date: Not Supplied Positional Accuracy: Approximate location provided by supplier	(W)	1829	2	417000 144000

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map Combined Principle Bedrock Aquifer - High Vulnerability Classification: High Combined Vulnerability: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: >70% Superficial: <90% Patchiness: <3m Superficial Thickness: No Data Superficial Recharge:	A13NE (SE)	0	2	418890 144406
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13NE (SE)	0	2	418890 144406
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13NE (SE)	0	2	418890 144406
	Superficial Aquifer Designations No Data Available				
6	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone II (Outer Protection Zone): Either 25% of the source area or a 400 day travel time whichever is greater.	A13NE (SE)	0	2	418890 144406
7	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone III (Total Catchment): The total area needed to support the discharge from the protected groundwater source.	A13NE (SE)	0	2	418890 144406
8	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13NE (SE)	0	2	418890 144406
9	Source Protection Zones Name: Not Supplied Source: Environment Agency, Head Office Reference: Not Supplied Type: Zone I (Inner Protection Zone): Travel time of 50 days or less to the groundwater source.	A13SW (SW)	189	2	418625 144296
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	220	2	418765 144690
	Extreme Flooding from Rivers or Sea without Defences Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	229	2	418610 144570
	Flooding from Rivers or Sea without Defences Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A13NW (NW)	220	2	418765 144690
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 47.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A13NW (N)	257	3	418801 144733
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.6 Watercourse Level: Underground Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A13NW (N)	259	3	418804 144735
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1699.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A13NW (N)	261	3	418759 144730
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 342.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A13NW (N)	263	3	418810 144739
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	527	3	419022 144966
15	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	529	3	419023 144967
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	562	3	419046 144995
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 88.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	565	3	418990 145014
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	608	3	419069 145037

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	609	3	419073 145037
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	625	3	419065 145055
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 263.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18SE (N)	626	3	419076 145054
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 2	A18NE (N)	869	3	419217 145265
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 52.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A18NE (N)	869	3	419217 145265
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 314.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Nine Mile River Catchment Name: Avon Hampshire Primacy: 1	A19NW (N)	911	3	419232 145304
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Nine Mile River WaterBody ID: GB108043022360 Operational Catchment: Avon Hampshire Management Catchment: Avon Hampshire Catchment Name: Hampshire Avon	A13NE (SE)	0	2	418890 144406
	Water Framework Directive - Groundwater Waterbody Name: Upper Hampshire Avon Waterbody ID: GB40801G806900 URL Address: https://environment.data.gov.uk/catchment-planning/WaterBody/GB40801G806900 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2019	A13NE (SE)	0	2	418890 144406
	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Nine Mile River Waterbody ID: GB108043022360 URL Address: Not Supplied Overall Rating: Not Assessed Chemical Rating: Not Assessed Classification Year: 2022	A13NW (N)	256	2	418800 144732

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Wiltshire County Council - Has supplied landfill data		0	5	418890 144406
	Local Authority Landfill Coverage Name: Salisbury District Council - Landfill data has been supplied by another authority		0	4	418890 144406
25	Local Authority Recorded Landfill Sites Location: Mod Kiwi, Bulford Reference: S/77/0030/WD Authority: Wiltshire County Council (now part of Wiltshire Council) Last Reported Status: Closed Types of Waste: General Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A9NW (SE)	721	5	419418 143777
26	Potentially Infilled Land (Non-Water) Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1976	A12SW (W)	764	-	418025 144325
27	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1911	A13NW (NW)	202	-	418702 144641
28	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1961	A13NW (NW)	224	-	418718 144677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: White Chalk Subgroup	A13NE (SE)	0	1	418890 144406
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (SE)	0	1	418890 144406
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: 2.2 - 3.0 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A12NE (W)	286	1	418500 144406
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 200 - 300 mg/kg Nickel Concentration: 15 - 30 mg/kg	A7NW (SW)	880	1	418000 144000
29	BGS Recorded Mineral Sites Site Name: Bulford Leas Grave Pit Location: Bulford, Salisbury, Wiltshire Source: British Geological Survey, National Geoscience Information Service Reference: 56451 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Quaternary Geology: Alluvium Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A12SW (W)	762	1	418027 144324
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	185	1	418686 144606
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	185	1	418686 144606
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	62	1	418759 144325
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (N)	238	1	418797 144713
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	62	1	418759 144325
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	62	1	418759 144325
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	185	1	418686 144606
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	62	1	418759 144325
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	418890 144406

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	Contemporary Trade Directory Entries Name: Bulford Cleaning Location: 39, Canberra Drive, Bulford Barracks, Salisbury, SP4 9JW Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A9SW (SE)	952	-	419416 143497
31	Fuel Station Entries Name: Filling Station Location: Amesbury Road Bulford Road, Bulford Barracks , Salisbury, Wiltshire, SP4 9NU Brand: Obsolete Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Automatically positioned to the address	A7SE (SW)	993	-	418227 143575
32	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13NE (E)	38	6	419026 144411
33	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	138	6	418971 144196
34	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8NE (SE)	368	6	419154 144021
35	Points of Interest - Manufacturing and Production Name: Tanks Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	614	6	419275 143806
36	Points of Interest - Manufacturing and Production Name: Tanks Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	658	6	418454 143828
36	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	661	6	418445 143829
36	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NE (SW)	661	6	418447 143828
37	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	756	6	418759 143604
38	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	828	6	418281 143740

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	Points of Interest - Manufacturing and Production Name: Workshops Location: SP4 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	834	6	418074 143961
40	Points of Interest - Manufacturing and Production Name: Tanks Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	843	6	418895 143493
41	Points of Interest - Manufacturing and Production Name: Tanks Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SE (SW)	974	6	418313 143544
41	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7SE (SW)	976	6	418306 143546
42	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NW (SW)	986	6	417906 143951
42	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to address or location	A7NW (SW)	988	6	417905 143948
42	Points of Interest - Manufacturing and Production Name: Tanks Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	993	6	417904 143939
43	Points of Interest - Manufacturing and Production Name: Tank Location: SP4 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A7SW (SW)	991	6	418204 143593
44	Points of Interest - Public Infrastructure Name: Sewage Tanks (Disused) Location: SP4 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	408	6	418379 144362
44	Points of Interest - Public Infrastructure Name: Sewage Tanks (Disused) Location: SP4 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A12SE (W)	408	6	418379 144362
45	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SE (S)	258	6	418988 144077
45	Points of Interest - Recreational and Environmental Name: Playground Location: Nr Marne Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	274	6	419007 144063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
45	Points of Interest - Recreational and Environmental Name: Playground Location: Tidworth Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	274	6	419007 144063
46	Points of Interest - Recreational and Environmental Name: Playground Location: New Ward Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A12SE (SW)	290	6	418550 144227
46	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A13SW (SW)	291	6	418554 144220
47	Points of Interest - Recreational and Environmental Name: Playground Location: Harrington Drive, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NE (S)	362	6	418968 143971
48	Points of Interest - Recreational and Environmental Name: Play Area Location: Kashmir Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8NW (SW)	462	6	418670 143947
49	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	483	6	418541 143979
49	Points of Interest - Recreational and Environmental Name: Play Area Location: Kashmir Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NE (SW)	484	6	418536 143981
50	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A14SW (SE)	516	6	419442 144151
50	Points of Interest - Recreational and Environmental Name: Playground Location: The Crescent, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A14SW (SE)	518	6	419446 144158
51	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9NE (SE)	838	6	419718 143979
52	Points of Interest - Recreational and Environmental Name: Playground Location: Melbourne Gardens, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A8SE (S)	899	6	419205 143468
52	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A8SE (S)	906	6	419217 143465

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	Points of Interest - Recreational and Environmental Name: Playground Location: Not Supplied Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A7NW (SW)	912	6	418045 143863
53	Points of Interest - Recreational and Environmental Name: Play Area Location: Old Ward Road, SP4 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A7NW (SW)	929	6	418017 143875

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
54	Nitrate Vulnerable Zones Name: South Wessex Description: Groundwater Source: Environment Agency, Head Office	A13NE (SE)	0	2	418890 144406
55	Sites of Special Scientific Interest Name: Salisbury Plain Multiple Areas: Y Total Area (m2): 197145438.19 Source: Natural England Reference: 1006531 Designation Details: Nature Conservation Review Designation Date: 29th January 1993 Date Type: Notified Designation Details: National Trust Reserve Designation Date: 29th January 1993 Date Type: Notified Designation Details: Special Area Of Conservation Designation Date: 29th January 1993 Date Type: Notified Designation Details: Special Protection Area Designation Date: 29th January 1993 Date Type: Notified Designation Details: Site Of Special Scientific Interest Designation Date: 29th January 1993 Date Type: Notified	A13NE (NE)	90	7	419008 144531
56	Special Areas of Conservation Name: Salisbury Plain Multiple Areas: Y Total Area (m2): 214608753.06 Source: Natural England Reference: UK0012683 Status: Designated	A13NE (NE)	90	7	419008 144531
57	Special Protection Areas Name: Salisbury Plain Multiple Areas: Y Total Area (m2): 197145438.99 Source: Natural England Reference: UK9011102 Designation Date: Not Supplied	A13NE (NE)	90	7	419008 144531

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Environment Agency - Head Office Wiltshire Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service Kennet District Council (now part of Wiltshire Council) - Environment and Community Safety Services	December 2008 November 2023 October 2017 September 2017 September 2017	Not Applicable Annually Annually Annual Rolling Update
Discharge Consents Environment Agency - South West Region Environment Agency - Southern Region	July 2025 July 2025	Quarterly Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region Environment Agency - Southern Region	March 2013 March 2013	
Integrated Pollution Controls Environment Agency - South West Region Environment Agency - Southern Region	January 2009 January 2009	
Integrated Pollution Prevention And Control Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South West Region Environment Agency - Southern Region	April 2025 April 2025 April 2025	Bi-Annually Bi-Annually Bi-Annually
Local Authority Integrated Pollution Prevention And Control Kennet District Council (now part of Wiltshire Council) - Environmental Health Department Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service	February 2009 January 2009 July 2023 September 2014	Not Applicable Not Applicable Variable Variable
Local Authority Pollution Prevention and Controls Kennet District Council (now part of Wiltshire Council) - Environmental Health Department Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service	February 2009 January 2009 July 2023 September 2014	Not Applicable Not Applicable Annually Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements Kennet District Council (now part of Wiltshire Council) - Environmental Health Department Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Wiltshire Council - Environmental Health Department Test Valley Borough Council - Housing and Environmental Health Service	February 2009 January 2009 July 2023 September 2014	Not Applicable Not Applicable Variable Variable
Nearest Surface Water Feature Ordnance Survey	August 2025	
Pollution Incidents to Controlled Waters Environment Agency - Southern Region Environment Agency - South West Region	December 1999 September 1999	
Historical Prosecutions Environment Agency, South West Region	March 2013	Not Applicable
Registered Radioactive Substances Environment Agency - Head Office Environment Agency - South West Region Environment Agency - Southern Region	May 2023 May 2023 May 2023	
Substantiated Pollution Incident Register Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly

Agency & Hydrological	Version	Update Cycle
Water Abstractions Environment Agency - South West Region Environment Agency - Southern Region	July 2025 July 2025	Quarterly Quarterly
Water Industry Act Referrals Environment Agency - South West Region Environment Agency - Southern Region	October 2017 October 2017	
Groundwater Vulnerability Map Environment Agency - Head Office	June 2018	As notified
Groundwater Vulnerability - Soluble Rock Risk Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	As notified
Source Protection Zones Environment Agency - Head Office	August 2025	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	December 2023	As notified
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	
Flood Water Storage Areas Environment Agency - Head Office	June 2025	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	
OS Water Network Lines Ordnance Survey	July 2025	Quarterly
Surface Water 1 in 30 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 100 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water 1 in 1000 year Flood Extent Environment Agency - Head Office	May 2018	Annually
Surface Water Suitability Environment Agency - Head Office	February 2016	Annually
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Groundwater Environment Agency - Head Office	July 2025	Annually
Water Framework Directive - Surface Waters Environment Agency - Head Office	July 2025	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Historical Landfill Sites Environment Agency - Head Office	April 2025	Bi-Annually
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region Environment Agency - Southern Region	January 2009 January 2009	Not Applicable Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	July 2025 July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South East Region - Solent & South Downs Area Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire and Isle of Wight Area Office Environment Agency - Southern Region - Solent and South Downs	April 2025 April 2025 April 2025 April 2025 April 2025	Bi-Annually Bi-Annually Bi-Annually Bi-Annually Bi-Annually
Local Authority Landfill Coverage Hampshire County Council - Minerals and Waste Planning Kennet District Council (now part of Wiltshire Council) - Environmental Health Department Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Test Valley Borough Council - Environmental Protection Team Wiltshire County Council (now part of Wiltshire Council)	February 2003 February 2003 February 2003 February 2003 February 2003	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Local Authority Recorded Landfill Sites Hampshire County Council - Minerals and Waste Planning Kennet District Council (now part of Wiltshire Council) - Environmental Health Department Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department Test Valley Borough Council - Environmental Protection Team Wiltshire County Council (now part of Wiltshire Council)	October 2018 October 2018 October 2018 October 2018 October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	April 2018 April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - South Wessex Area Environment Agency - South West Region - Wessex Area Environment Agency - Southern Region - Hampshire Area Environment Agency - Southern Region - Solent and South Downs	June 2015 June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	June 2025	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Wiltshire County Council (now part of Wiltshire Council) Salisbury District Council (now part of Wiltshire Council) Hampshire County Council - Minerals and Waste Planning Kennet District Council (now part of Wiltshire Council) Test Valley Borough Council - Environmental Protection Team Wiltshire Council - Planning Department	December 2008 July 2009 July 2023 June 2008 June 2023 June 2023	Annual Rolling Update Not Applicable Variable Not Applicable Variable Variable
Planning Hazardous Substance Consents Wiltshire County Council (now part of Wiltshire Council) Hampshire County Council - Minerals and Waste Planning Wiltshire Council - Planning Department Salisbury District Council (now part of Wiltshire Council) Kennet District Council (now part of Wiltshire Council) Test Valley Borough Council - Environmental Protection Team	December 2008 February 2016 February 2016 July 2009 June 2008 November 2015	Annual Rolling Update Variable Variable Not Applicable Not Applicable Variable

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	As notified
BGS Estimated Soil Chemistry British Geological Survey - National Geoscience Information Service	December 2015	As notified
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	April 2025	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB) Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011 November 2020	As notified
Coal Mining Affected Areas The Coal Authority - Property Searches	February 2023	
Mining Instability Ove Arup & Partners	June 1998	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	April 2020	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	November 2024	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	November 2024	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	June 2025	Quarterly
Fuel Station Entries Green Street Advisor (UK) Ltd	August 2025	Quarterly
Points of Interest - Commercial Services PointX	September 2025	Quarterly
Points of Interest - Education and Health PointX	September 2025	Quarterly
Points of Interest - Manufacturing and Production PointX	September 2025	Quarterly
Points of Interest - Public Infrastructure PointX	September 2025	Quarterly
Points of Interest - Recreational and Environmental PointX	September 2025	Quarterly
Underground Electrical Cables National Grid	January 2024	

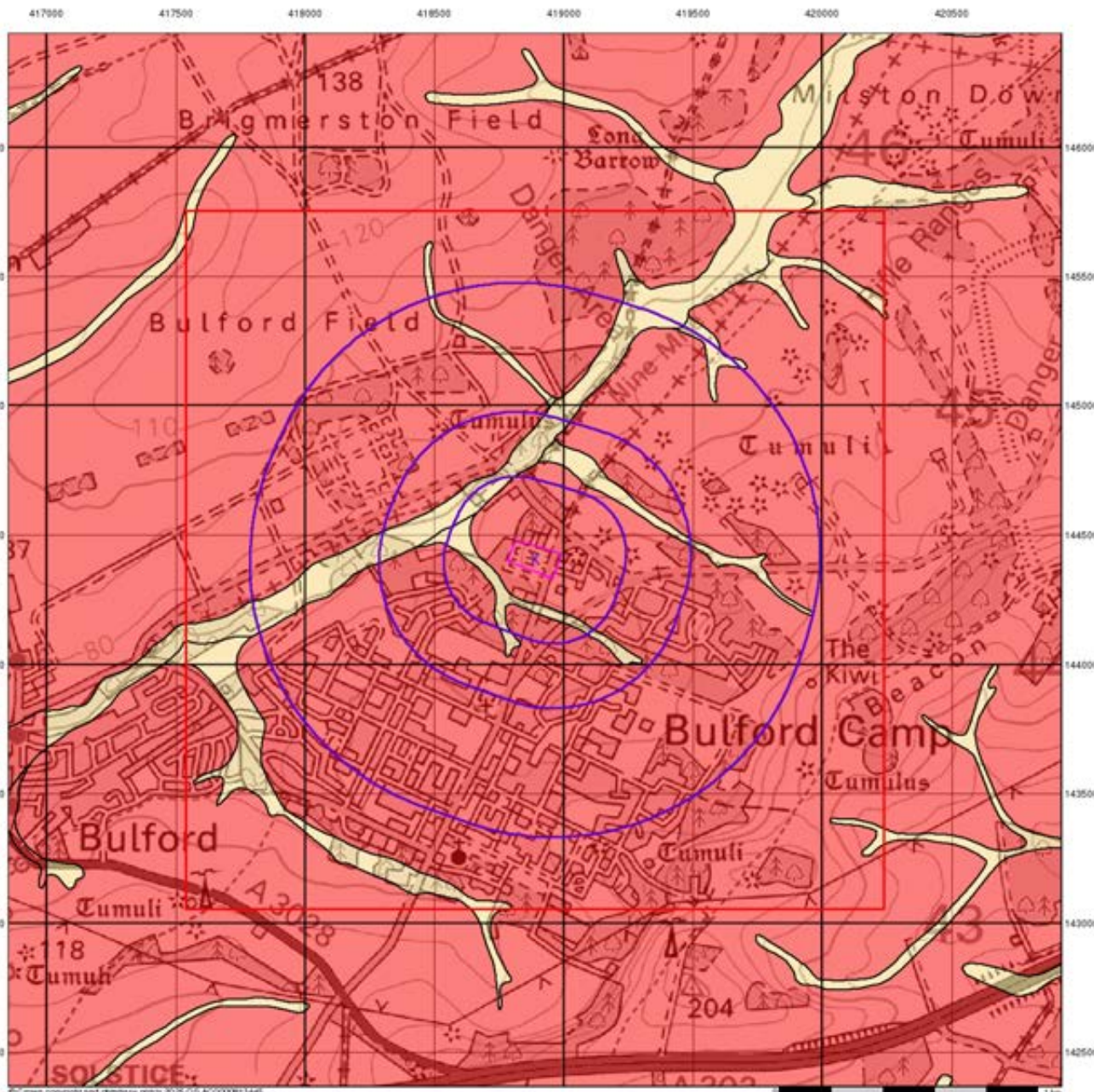
Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	September 2025	Bi-Annually
Areas of Adopted Green Belt Kennet District Council (now part of Wiltshire Council) Salisbury District Council (now part of Wiltshire Council) Test Valley Borough Council - Environmental Protection Team Wiltshire Council - Planning Department	July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly
Areas of Unadopted Green Belt Kennet District Council (now part of Wiltshire Council) Salisbury District Council (now part of Wiltshire Council) Test Valley Borough Council - Environmental Protection Team Wiltshire Council - Planning Department	July 2025 July 2025 July 2025 July 2025	Quarterly Quarterly Quarterly Quarterly
Areas of Outstanding Natural Beauty Natural England	May 2025	Bi-Annually
Environmentally Sensitive Areas Natural England	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Natural England	August 2025	Bi-Annually
Marine Nature Reserves Natural England	August 2025	Bi-Annually
National Nature Reserves Natural England	July 2025	Bi-Annually
National Parks Natural England	September 2025	Annually
Nitrate Sensitive Areas Natural England	April 2023	Not Applicable
Nitrate Vulnerable Zones Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA) Environment Agency - Head Office	April 2016 November 2024	Annually
Ramsar Sites Natural England	August 2025	Bi-Annually
Sites of Special Scientific Interest Natural England	May 2025	Bi-Annually
Special Areas of Conservation Natural England	July 2025	Bi-Annually
Special Protection Areas Natural England	May 2025	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	Environment Agency - National Customer Contact Centre (NCCC) PO Box 544, Templeborough, Rotherham, S60 1BY	Telephone: 03708 506 506 Email: enquiries@environment-agency.gov.uk
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
4	Salisbury District Council (now part of Wiltshire Council) - Environmental Health Department County Hall, Bythsea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 0300 456 0100 Website: www.wiltshire.gov.uk
5	Wiltshire County Council (now part of Wiltshire Council) County Hall, Bythesea Road, Trowbridge, Wiltshire, BA14 8JN	Telephone: 01225 713000 Email: communications@wiltshire.gov.uk Website: www.wiltshire.gov.uk
6	PointX 5-6 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
7	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
-	Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	Landmark Information Group Limited Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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wood.

Groundwater Vulnerability

General

- Specified Site ○ Specified Buffer(s) X Bearing Reference Point
- Slice 8 Map ID

Agency and Hydrological

Bedrock Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

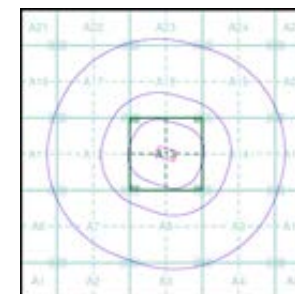
Superficial Aquifers

- High Vulnerability, Principal Aquifer
- High Vulnerability, Secondary Aquifer
- Medium Vulnerability, Principal Aquifer
- Medium Vulnerability, Secondary Aquifer
- Low Vulnerability, Principal Aquifer
- Low Vulnerability, Secondary Aquifer

■ Unproductive Aquifer

⋯ Soluble Rock

Site Sensitivity Context Map - Slice A



Order Details

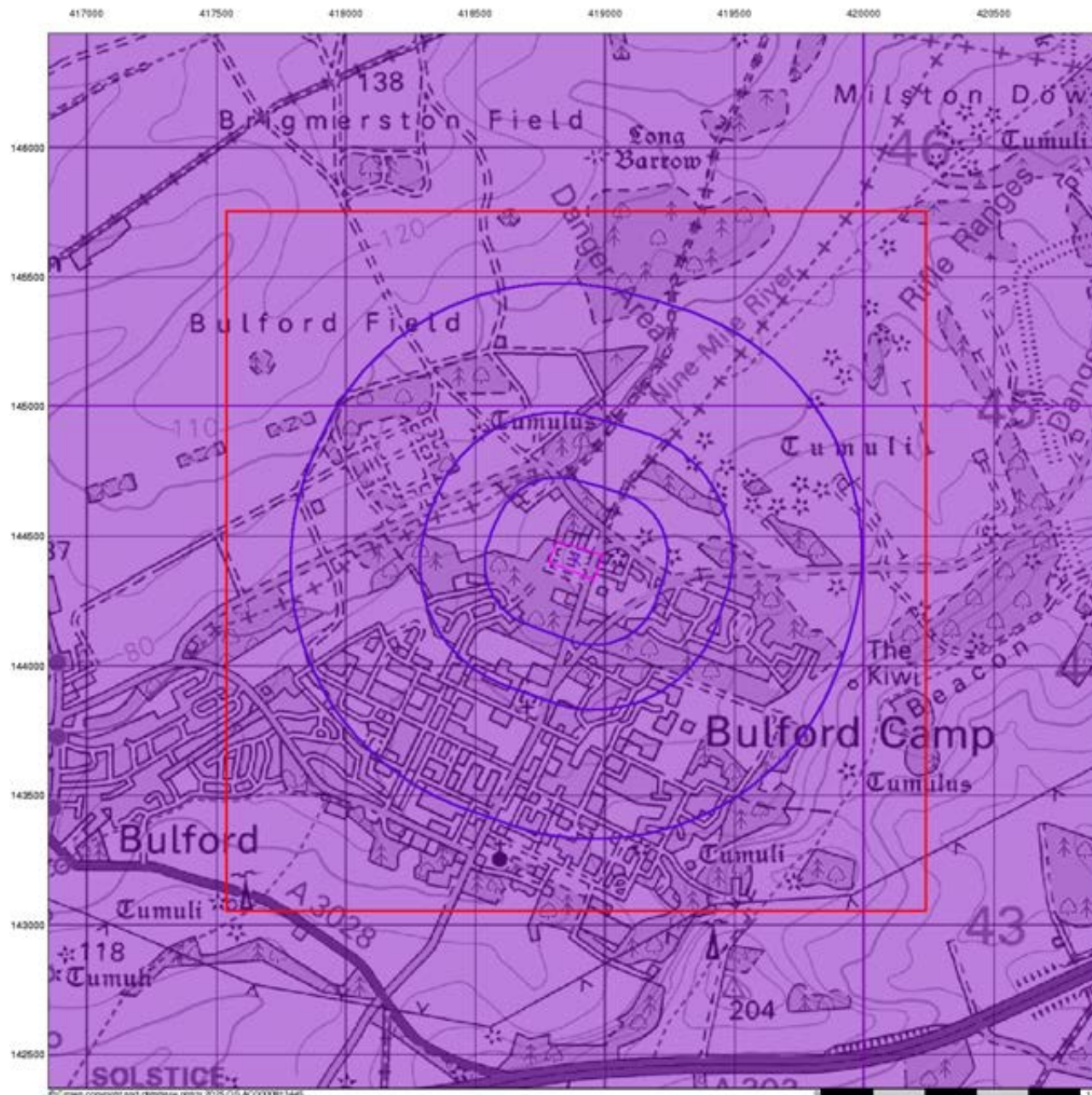
Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400

Landmark
 INFORMATION GROUP

Tel: 0844 844 9952
 Fax: 0844 844 9951
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Bedrock Aquifer Designation

General

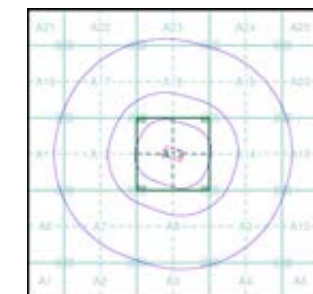
- Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

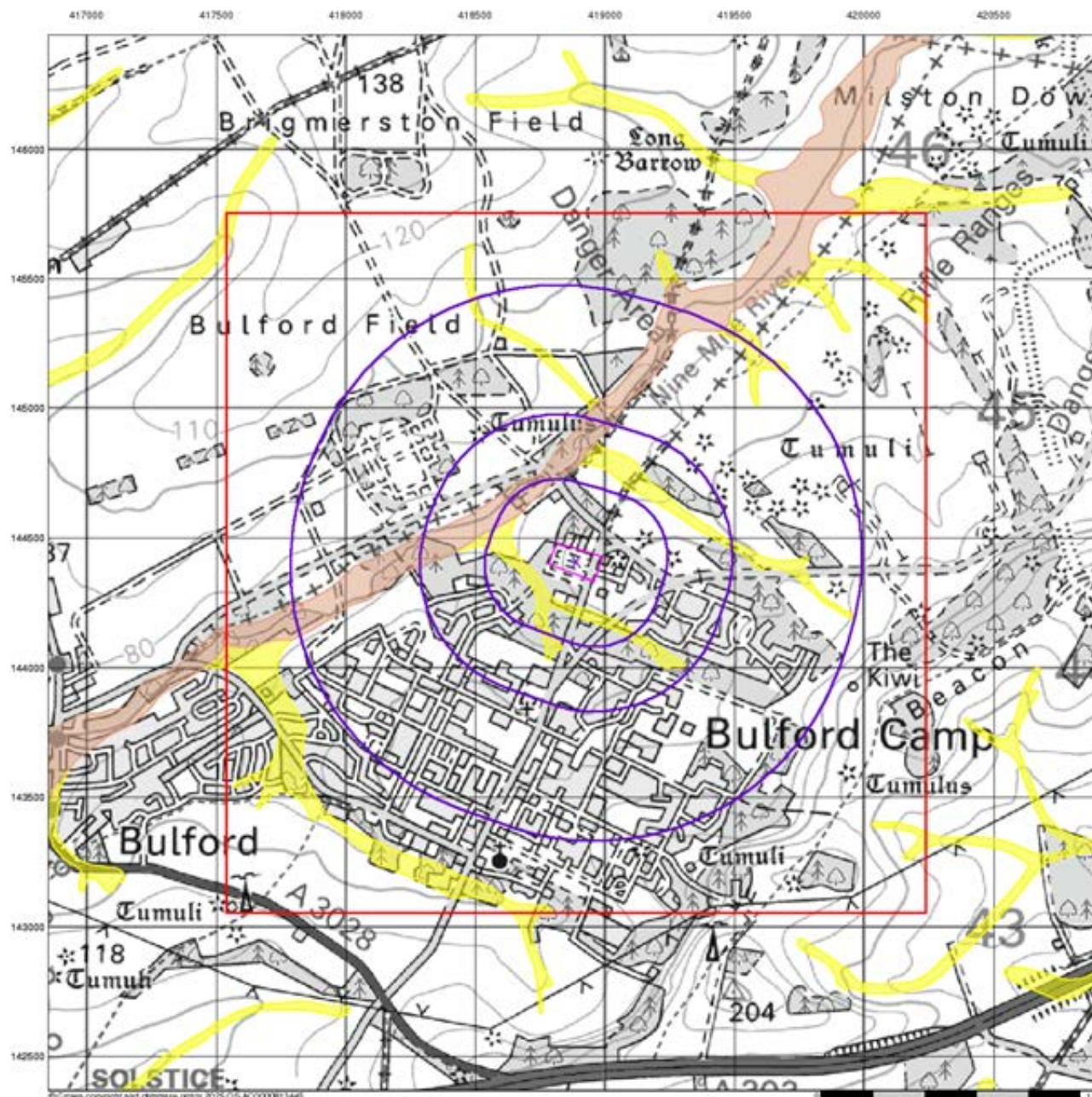
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 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400

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Superficial Aquifer Designation

General

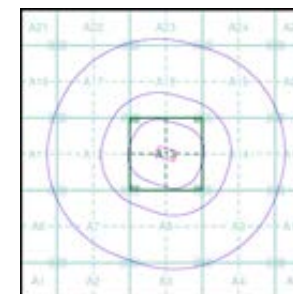
- ◇ Specified Site
- Specified Buffer(s)
- X Bearing Reference Point
- Slice
- B Map ID

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

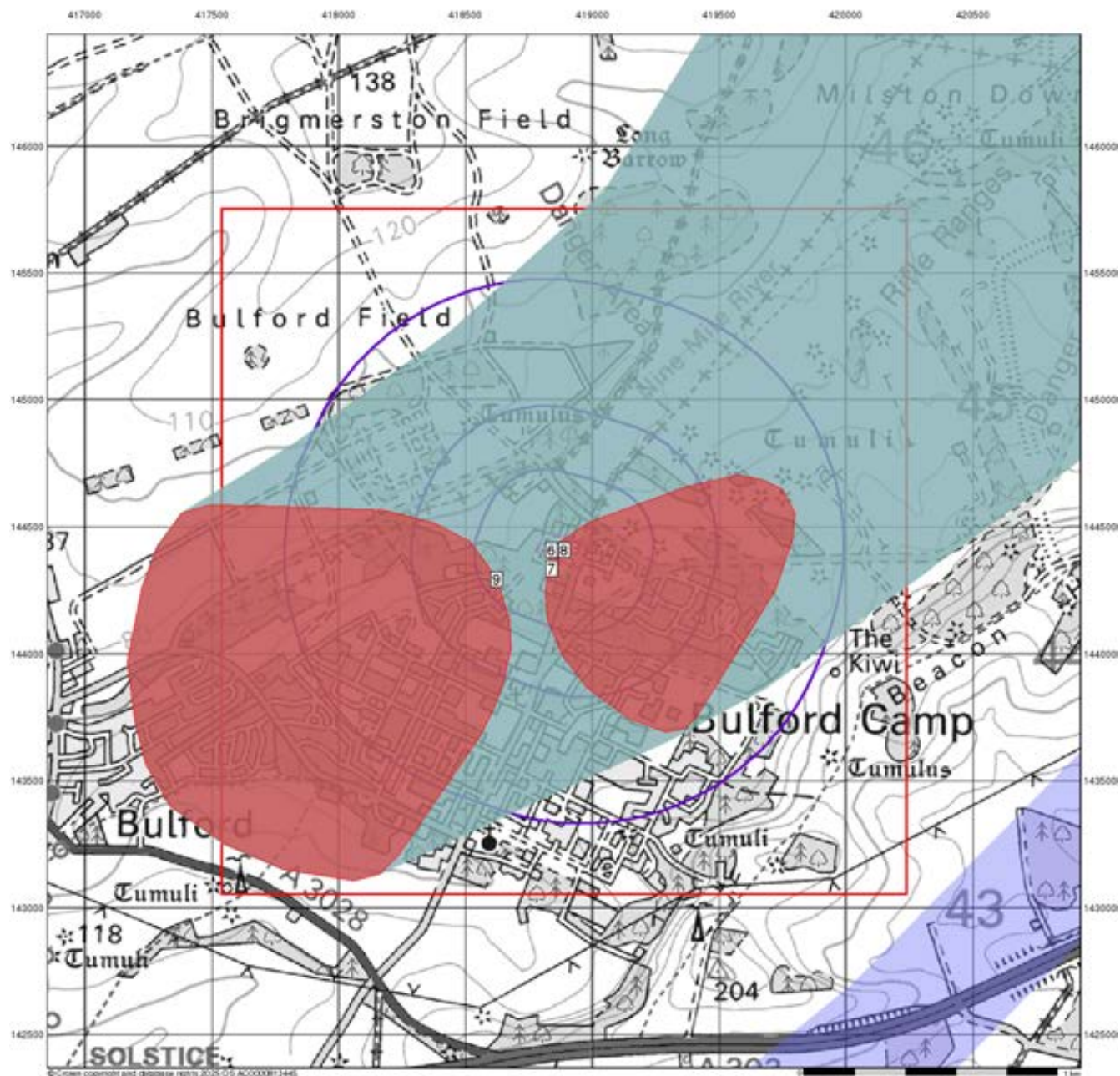
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Source Protection Zones

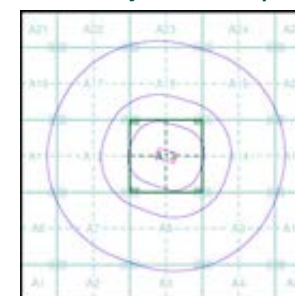
General

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

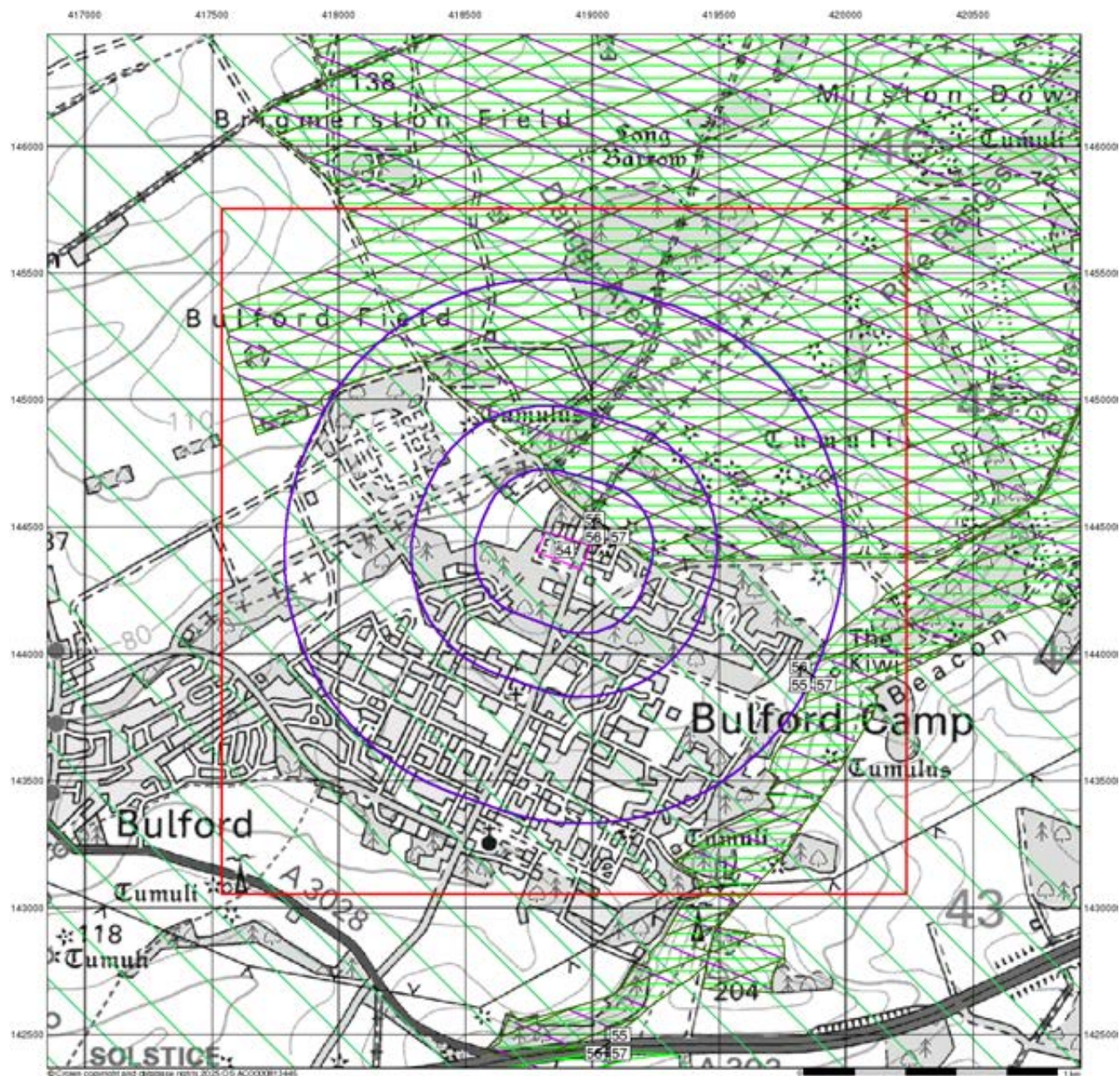
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Sensitive Land Uses

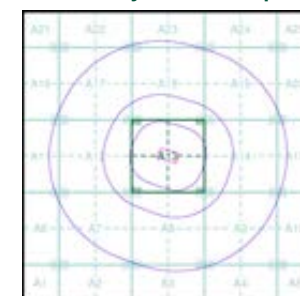
General

- 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

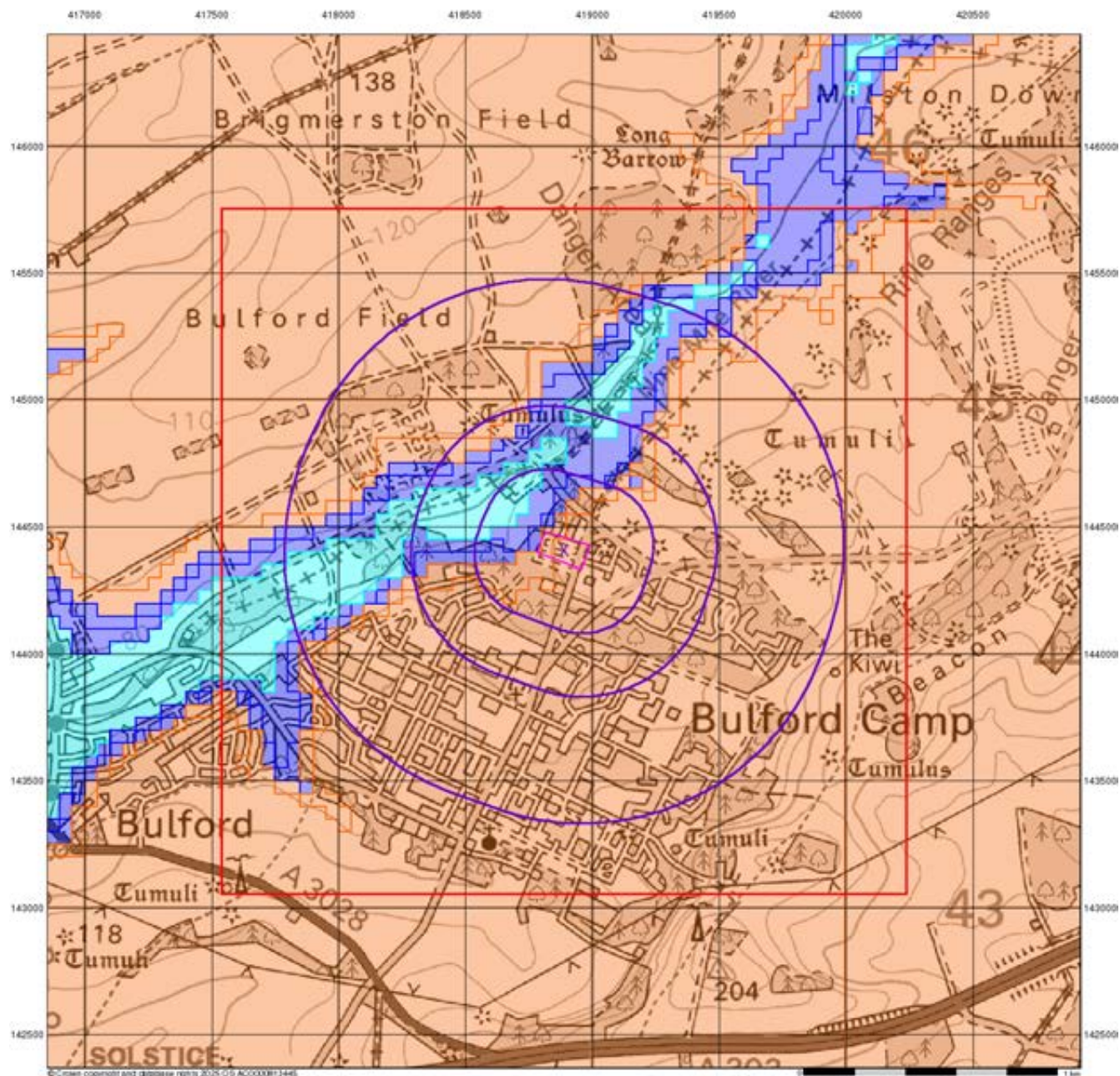
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BGS Flood GFS Data

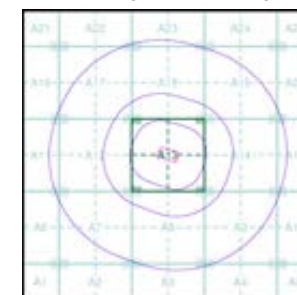
General

- 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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Geology 1:50,000 Maps Legends

Artificial Ground and Landslip

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	WGR	Worked Ground (Undivided)	Void	Not Supplied - Holocene
	LSGR	Landscaped Ground (Undivided)	Artificially Modified Ground	Not Supplied - Holocene
	MGR	Made Ground (Undivided)	Artificial Deposit	Not Supplied - Holocene

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Sand and Gravel	Not Supplied - Holocene
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	HEAD	Head	Gravel	Not Supplied - Quaternary
	RTD4	River Terrace Deposits, 4	Sand and Gravel	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CUCK	Culver Chalk Formation	Chalk	Not Supplied - Campanian
	NCK	Newhaven Chalk Formation	Chalk	Not Supplied - Santonian
	SECK	Seaford Chalk Formation	Chalk	Not Supplied - Coniacian



Geology 1:50,000 Maps

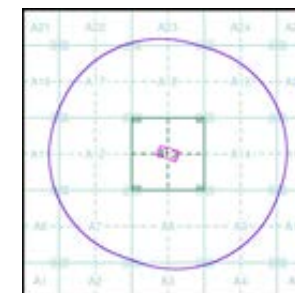
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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:	282
Map Name:	Devizes
Map Date:	2008
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Available
Faults:	Not Supplied
Landslip:	Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

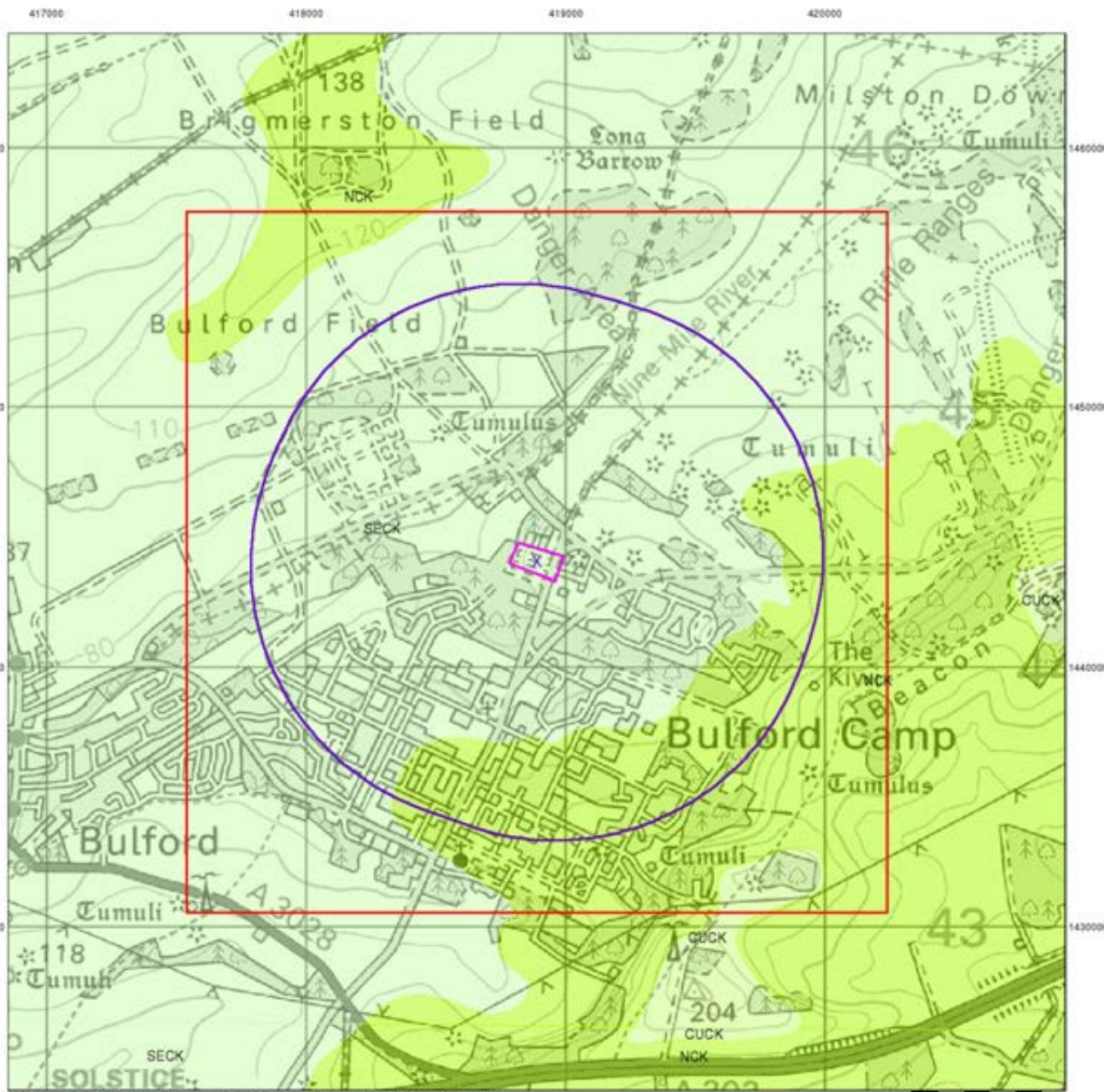
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Customer Reference:	Bulford Camp
National Grid Reference:	418890, 144410
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Bedrock and Faults

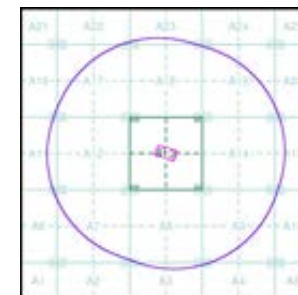
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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:

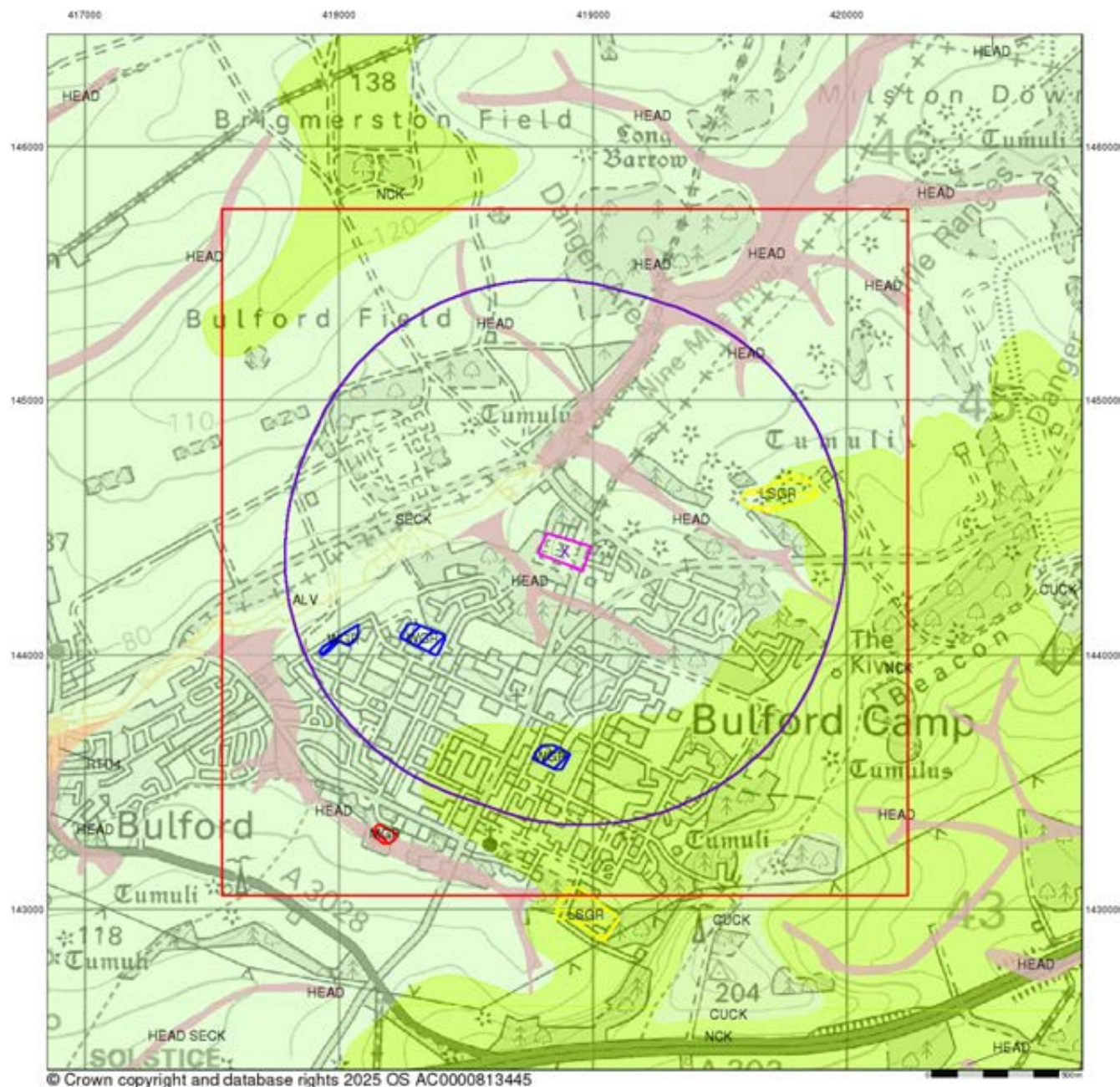
Order Number: 388279142_1_1
 Customer Reference: Bulford Camp
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Combined Surface Geology

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.

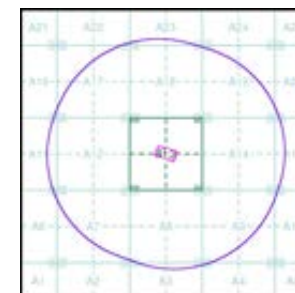
Additional Information

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: 388279142_1_1
Customer Reference: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

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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

285 Surface Level

Sketched Contour

Instrumental Contour

Main Roads

Fenced

Un-Fenced

Minor Roads

Fenced

Un-Fenced

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

Ch Church

CH Club House

F E Sta Fire Engine Station

FB Foot Bridge

Fn Fountain

GP Guide Post

MP Mile Post

MS Mile Stone

Pol Sta Police Station

PO Post Office

PC Public Convenience

PH Public House

SB Signal Box

Spr Spring

TCB Telephone Call Box

TCP Telephone Call Post

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

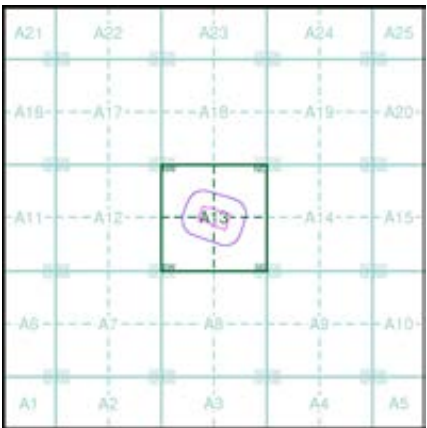
Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Hampshire & Isle Of Wight	1:10,560	1876	2
Hampshire & Isle Of Wight	1:10,560	1883	3
Hampshire & Isle Of Wight	1:10,560	1897 - 1898	4
Wiltshire	1:10,560	1901	5
Hampshire & Isle Of Wight	1:10,560	1911	6
Hampshire & Isle Of Wight	1:10,560	1925	7
Historical Aerial Photography	1:10,560	1947	8
Ordnance Survey Plan	1:10,000	1961	9
Ordnance Survey Plan	1:10,000	1975 - 1976	10
Ordnance Survey Plan	1:10,000	1991	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2025	14

Historical Map - Slice A



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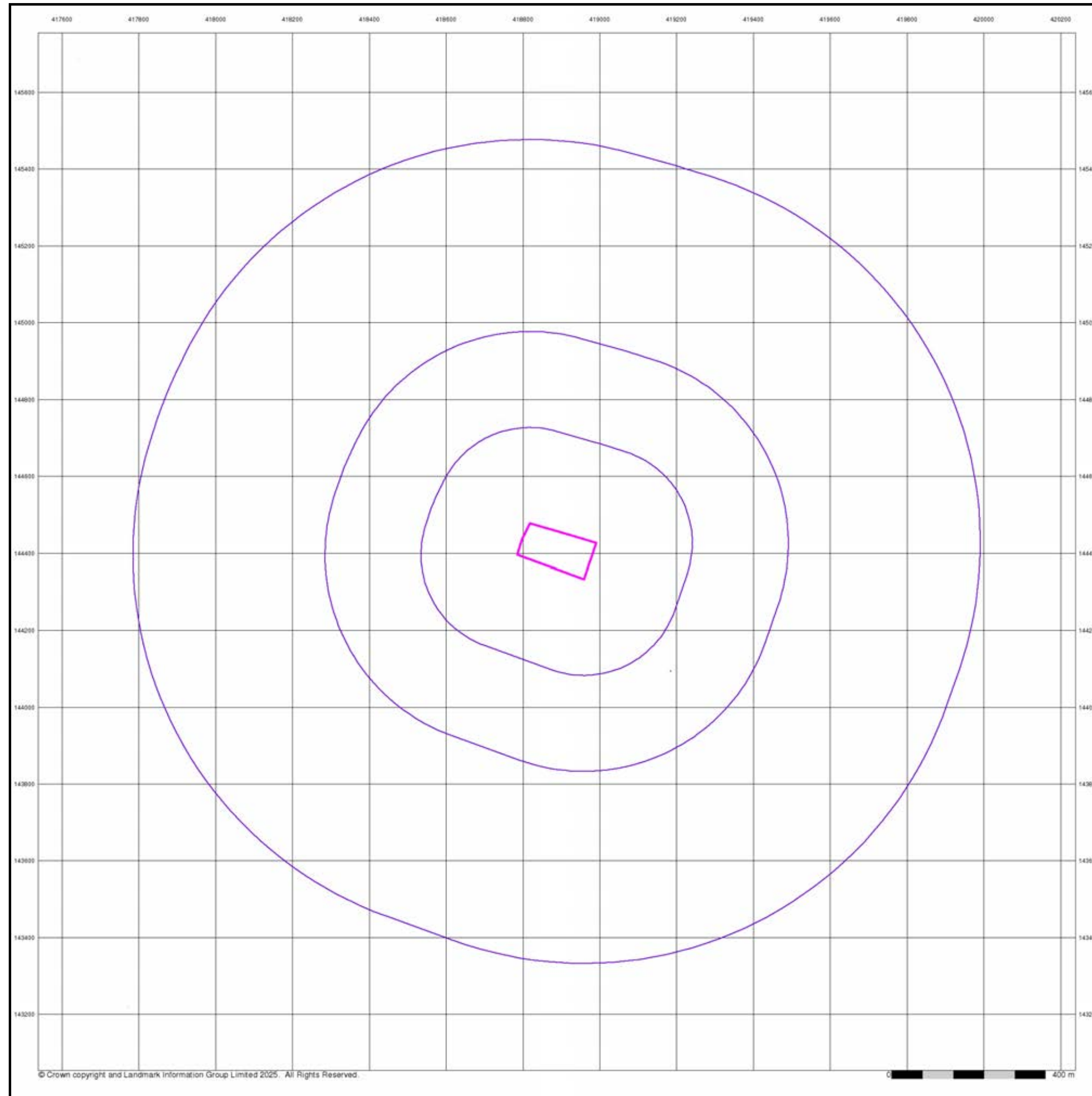
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400



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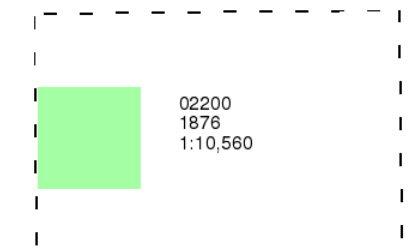
Hampshire & Isle Of Wight

Published 1876

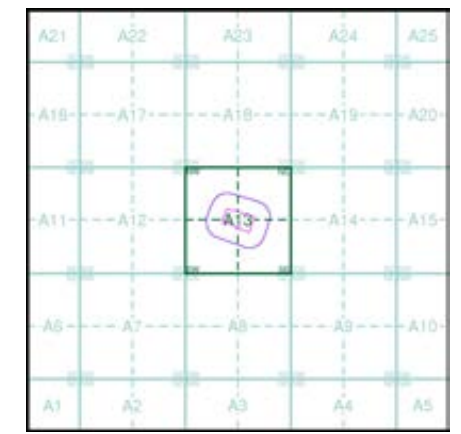
Source map scale - 1:10,560

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

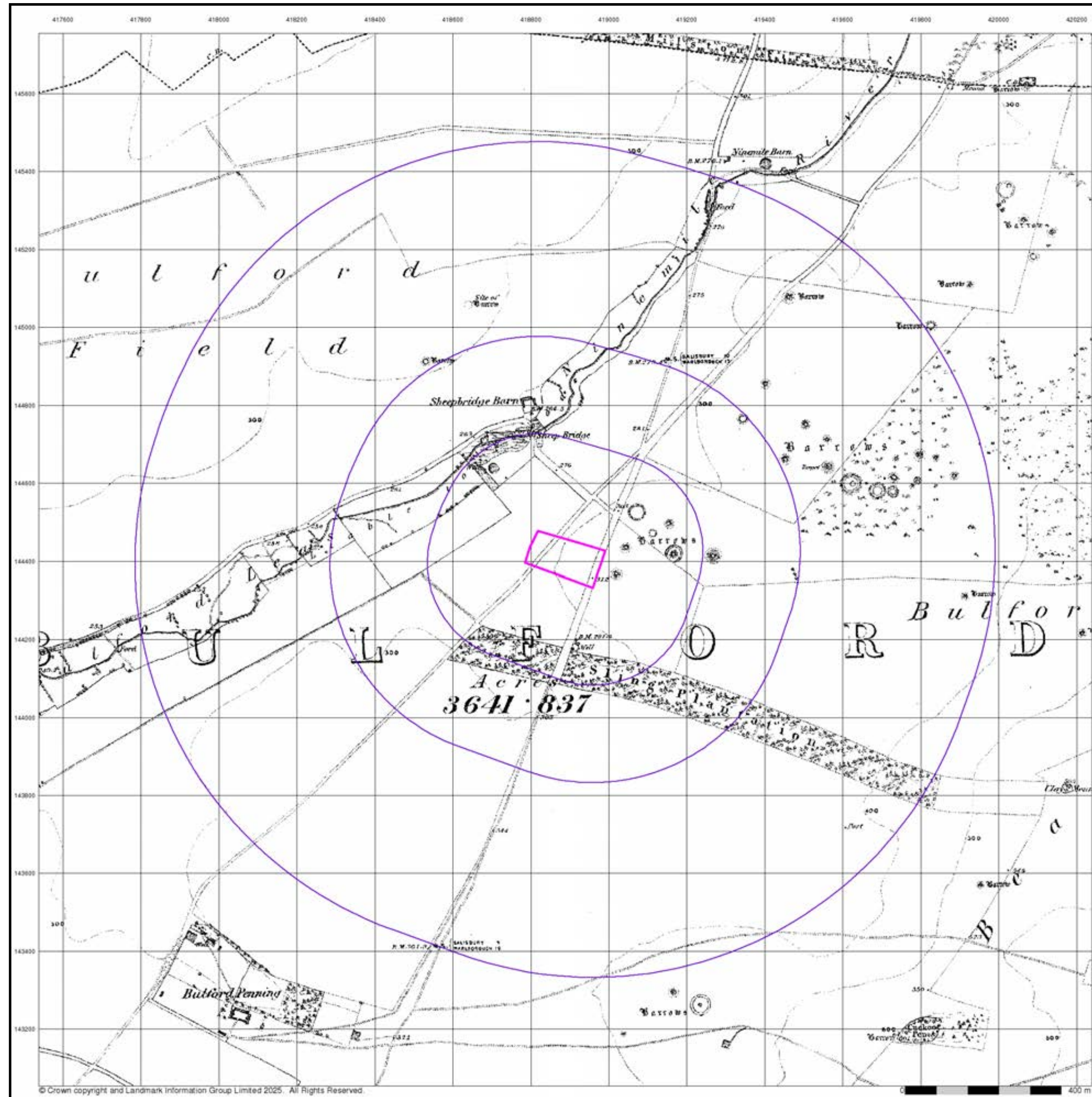
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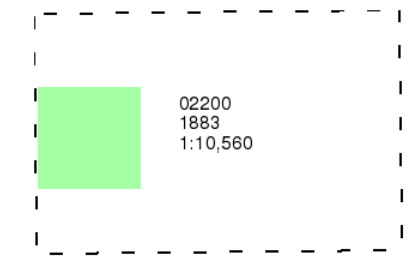
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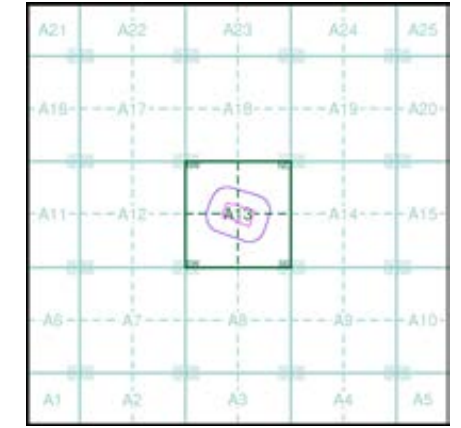
Hampshire & Isle Of Wight
Published 1883
Source map scale - 1:10,560

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

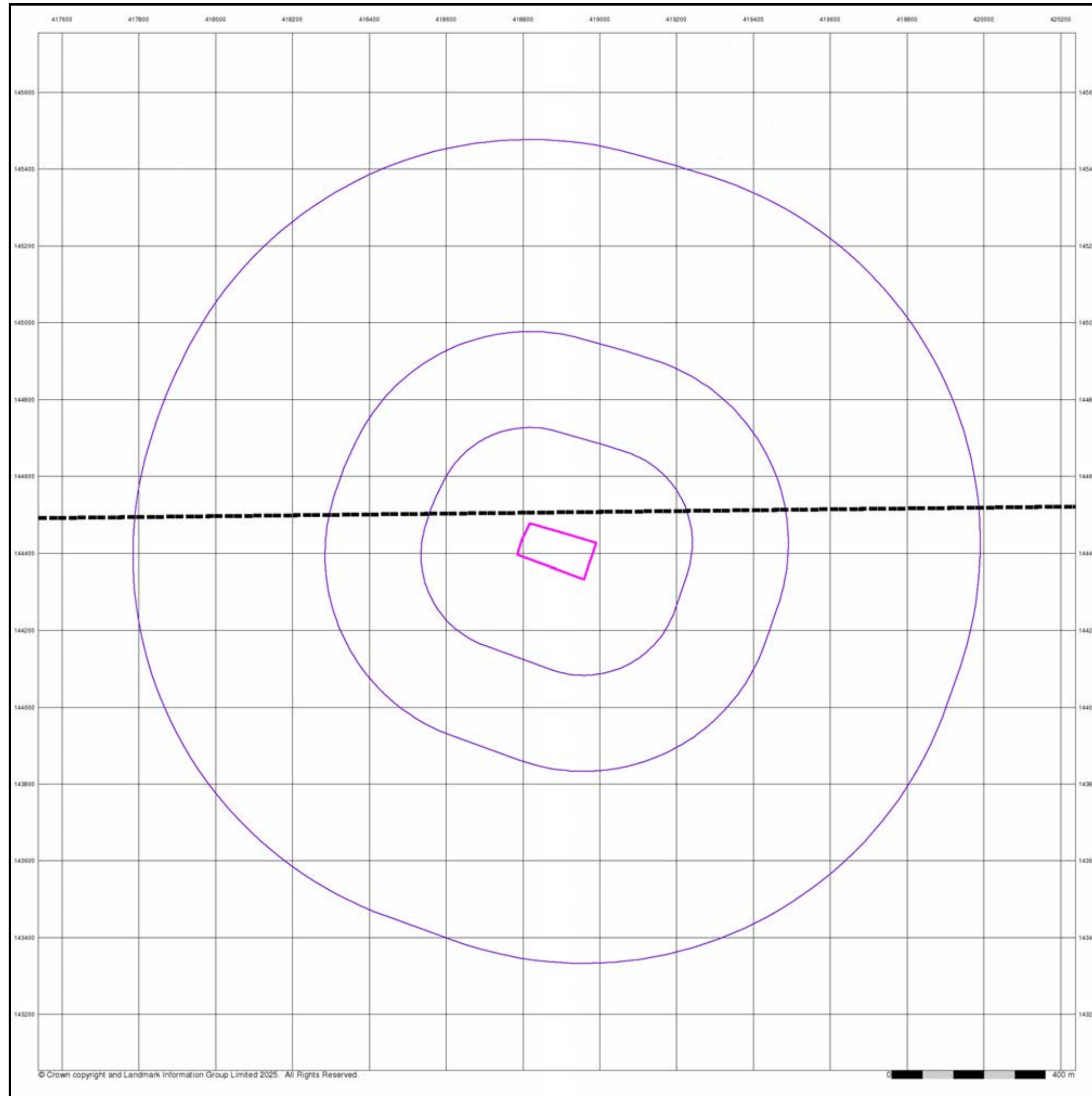
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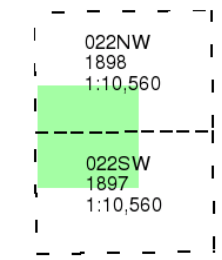
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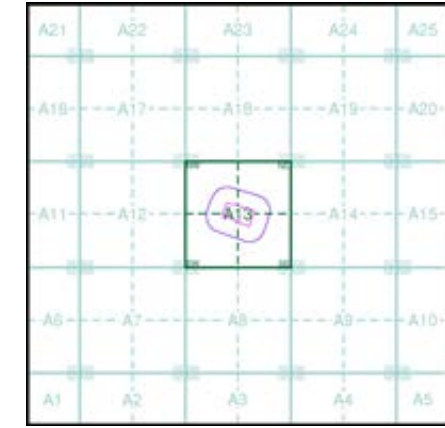
Hampshire & Isle Of Wight
Published 1897 - 1898
Source map scale - 1:10,560

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

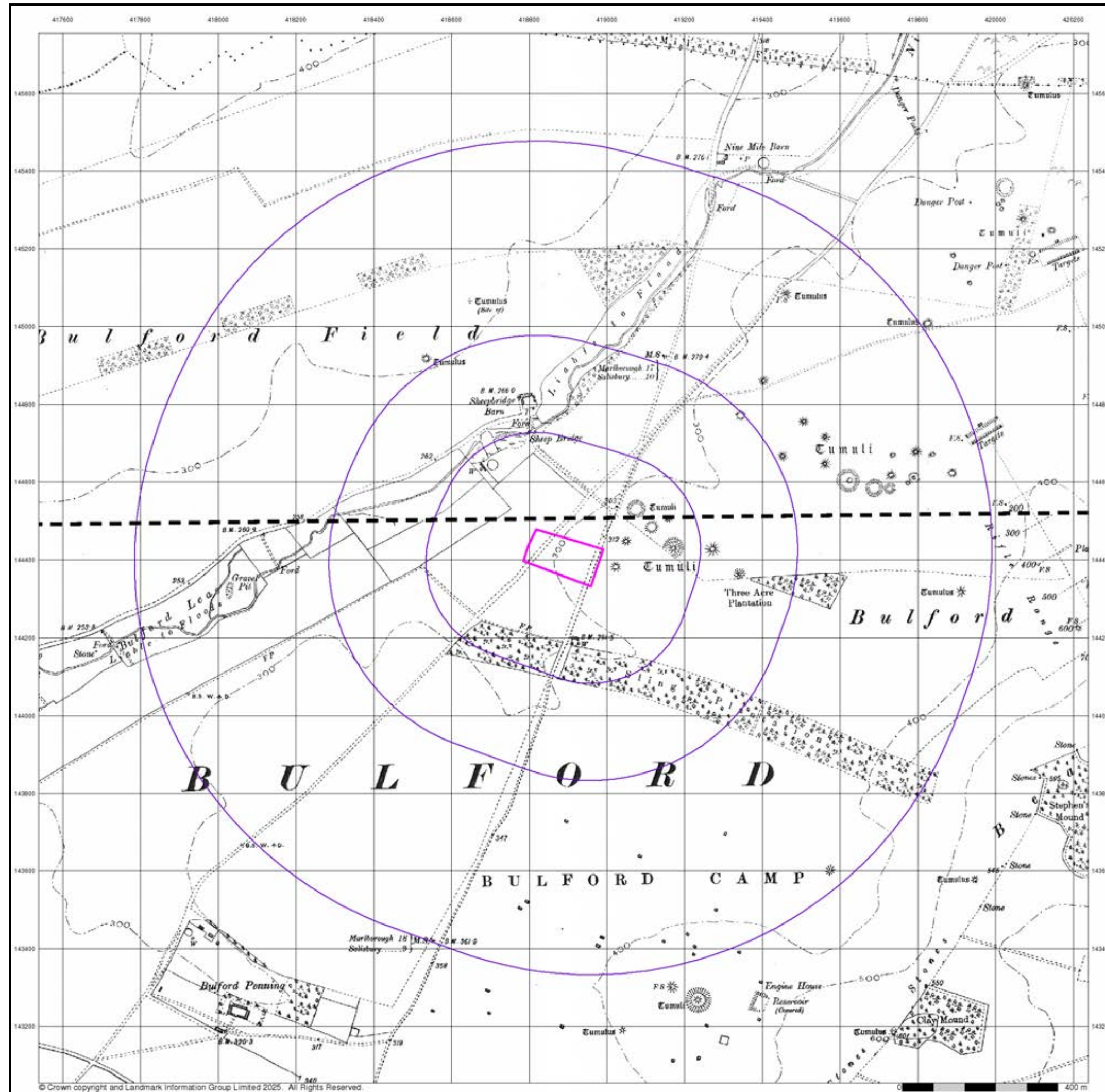
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Wiltshire

Published 1901

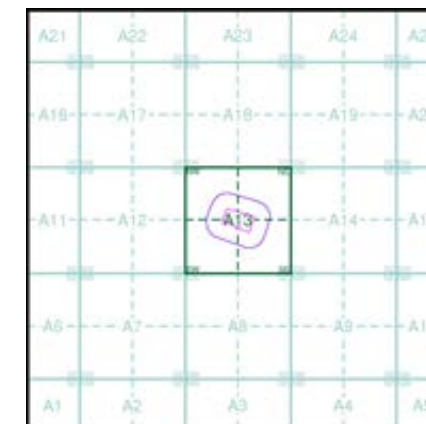
Source map scale - 1:10,560

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)

055NW
1901
1:10,560
055SW
1901
1:10,560

Historical Map - Slice A



Order Details

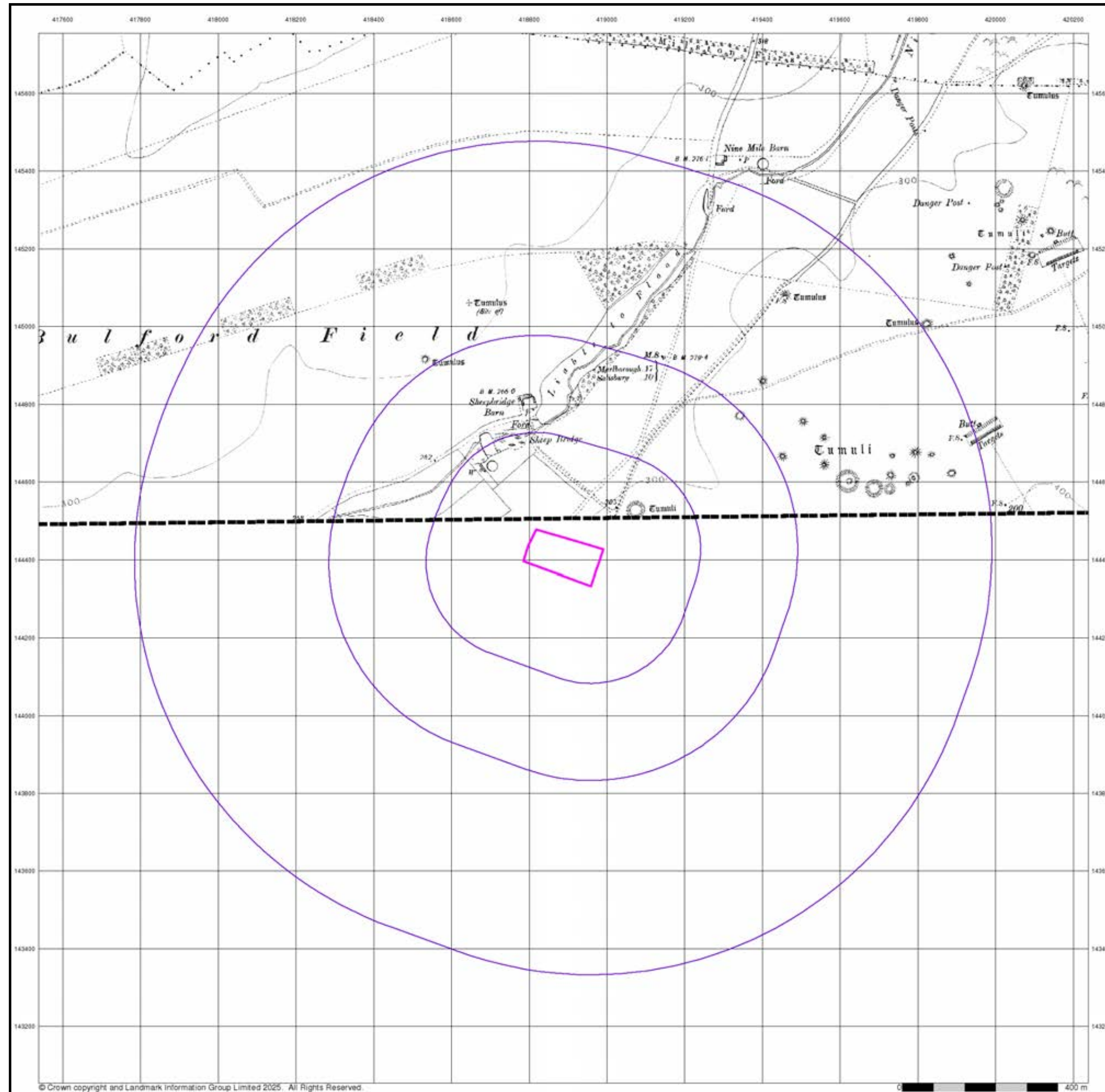
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0 400 m

wood.

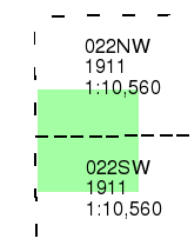
Hampshire & Isle Of Wight

Published 1911

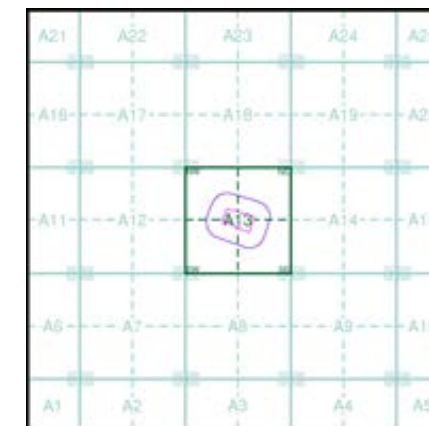
Source map scale - 1:10,560

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

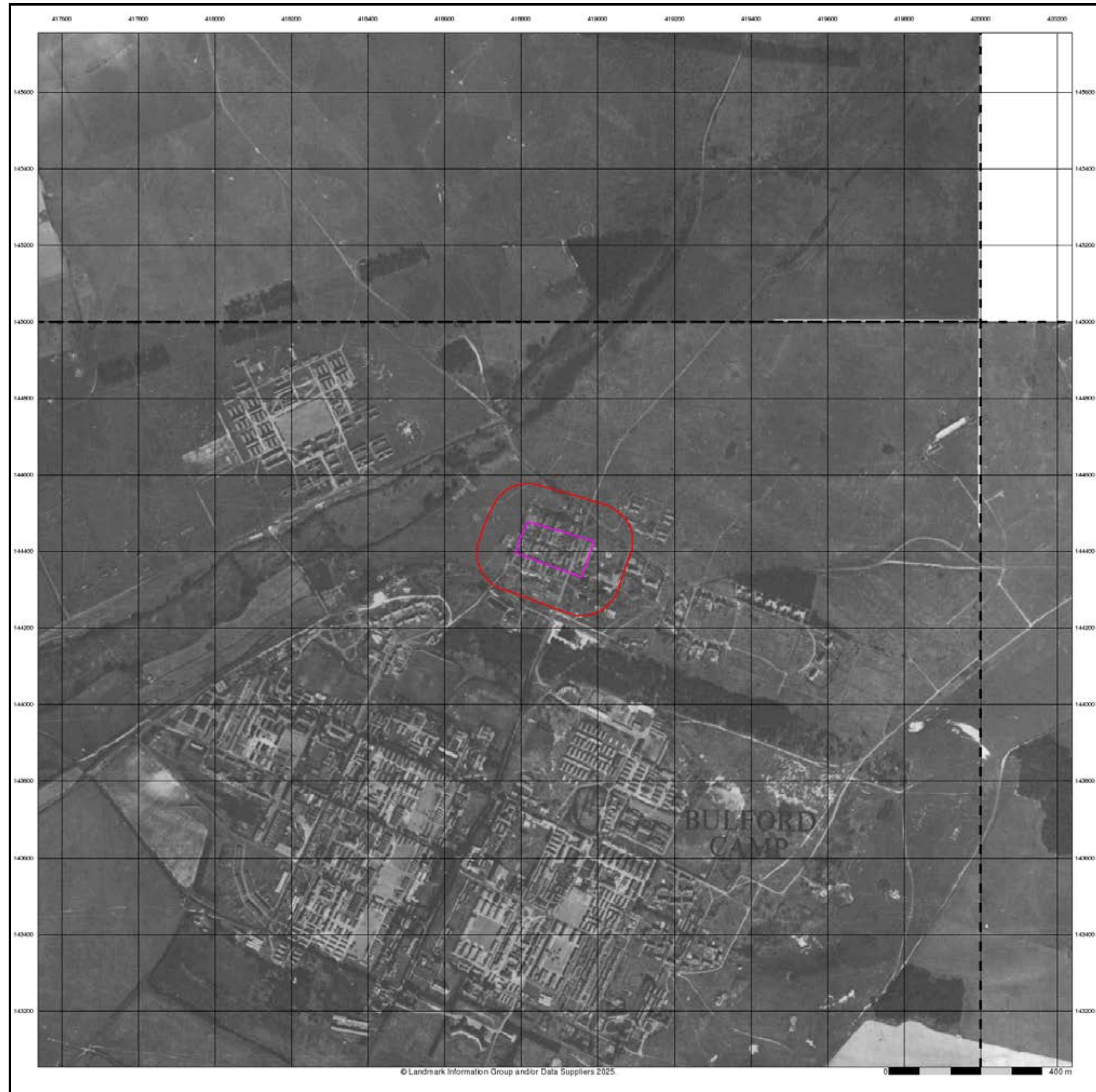
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400

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Web: www.envirocheck.co.uk



Historical Aerial Photography

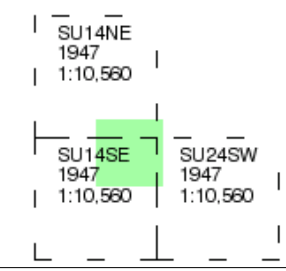
Published 1947

Source map scale - 1:10,560

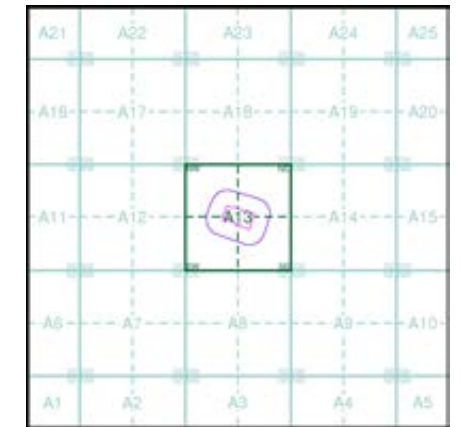
The Historical Aerial Photos were produced by the Ordnance Survey at a scale of 1:1,250 and 1:10,560 from Air Force photography. They were produced between 1944 and 1951 as an interim measure, pending preparation of conventional mapping, due to post war resource shortages. New security measures in the 1950's meant that every photograph was re-checked for potentially unsafe information with security sites replaced by fake fields or clouds. The original editions were withdrawn and only later made available after a period of fifty years although due to the accuracy of the editing, without viewing both revisions it is not easy to spot the edits. Where available Landmark have included both revisions.

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Map Name(s) and Date(s)



Historical Aerial Photography - Slice A



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400



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wood.

Ordnance Survey Plan

Published 1961

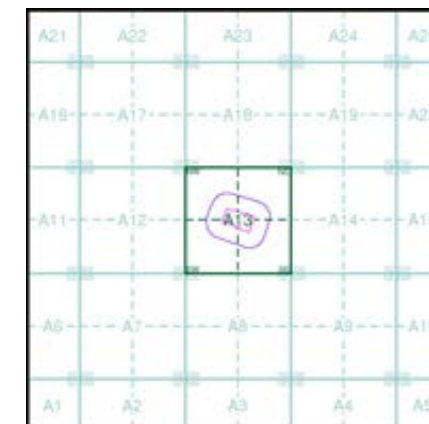
Source map scale - 1:10,000

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)

SU14NE	SU24NW
1961	1961
1:10,560	1:10,560
SU14SE	SU24SW
1961	1961
1:10,560	1:10,560

Historical Map - Slice A



Order Details

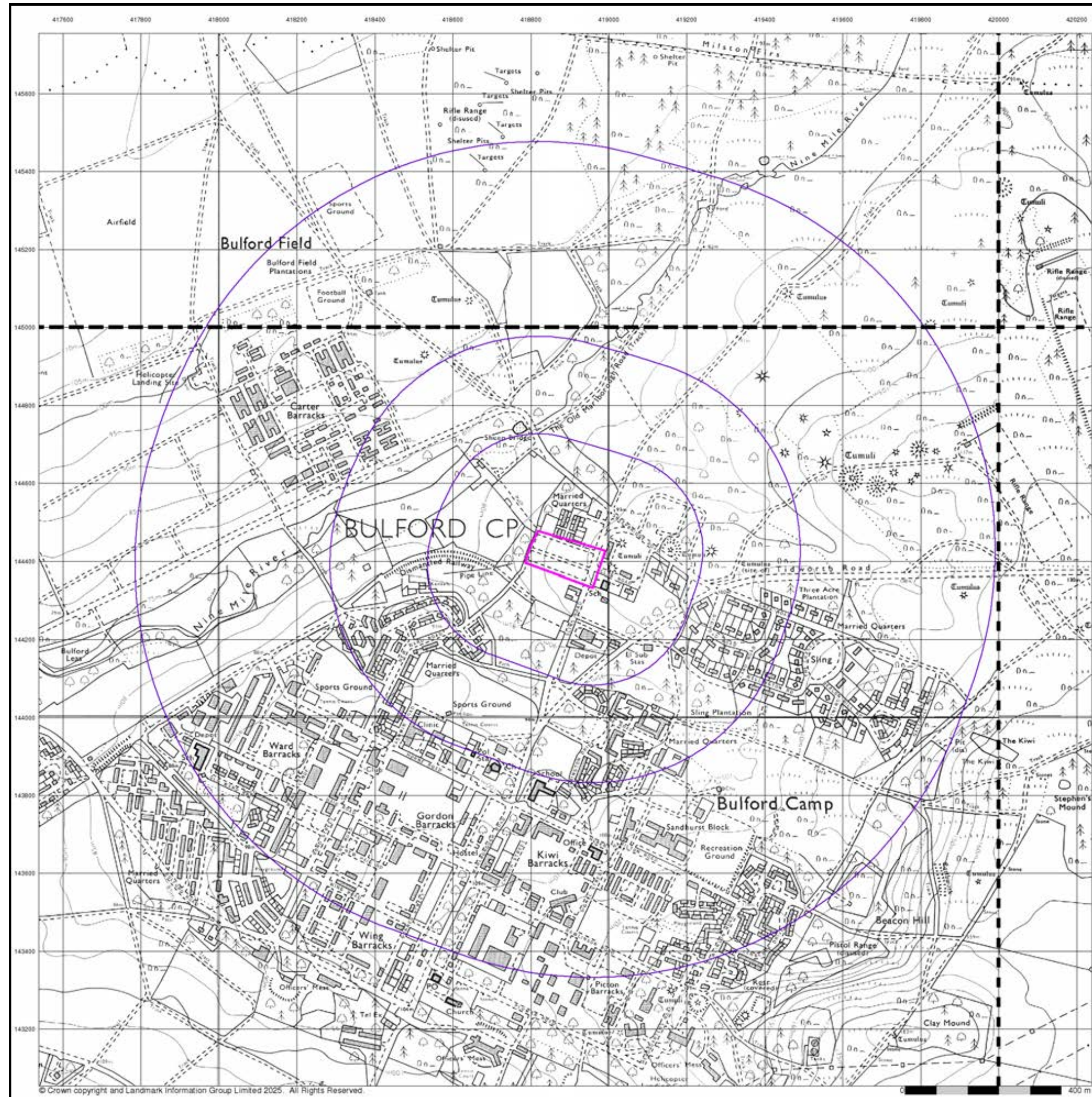
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400

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Ordnance Survey Plan

Published 1975 - 1976

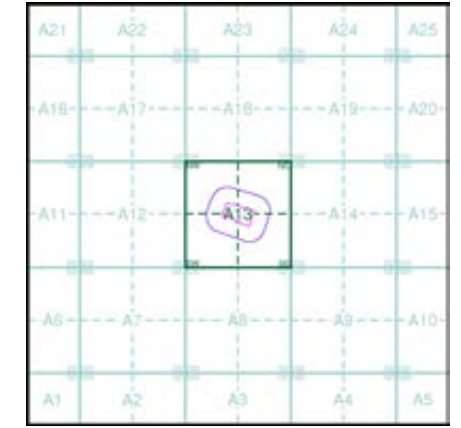
Source map scale - 1:10,000

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)

SU14NE	SU24NW
1975	1976
1:10,000	1:10,000
-	
SU14SE	SU24SW
1976	1975
1:10,000	1:10,000

Historical Map - Slice A



Order Details

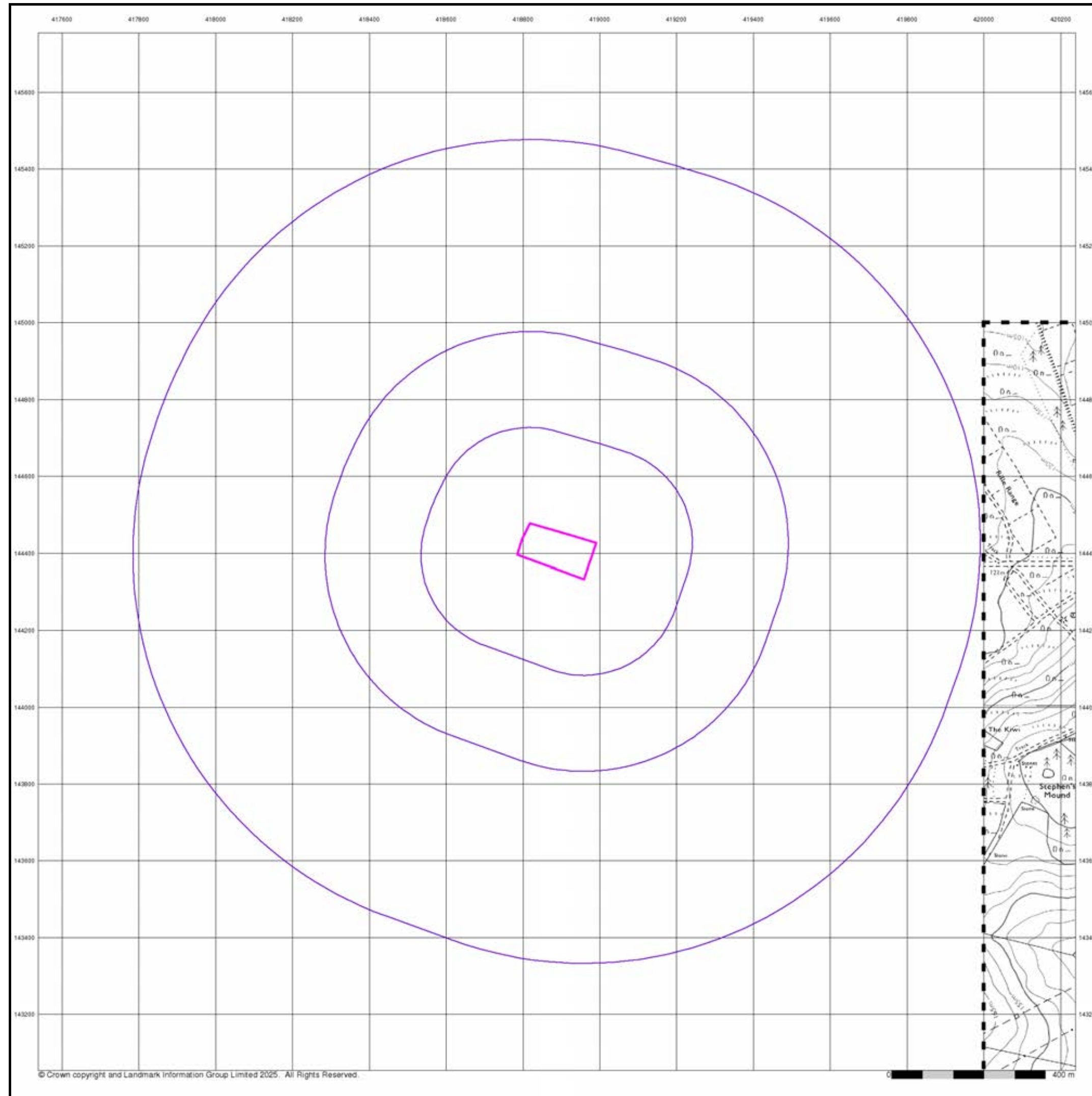
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400



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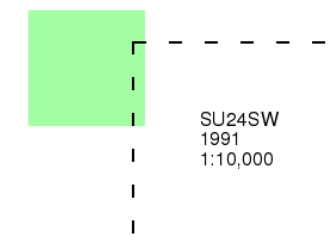
Ordnance Survey Plan

Published 1991

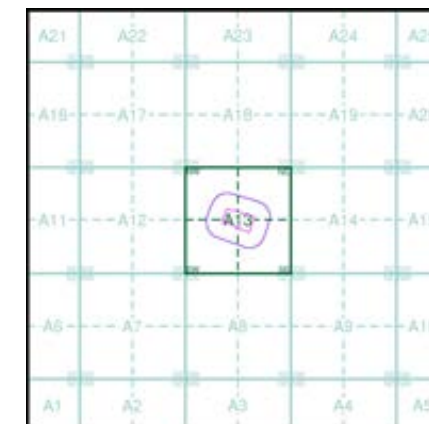
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400



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wood.

10k Raster Mapping

Published 2000

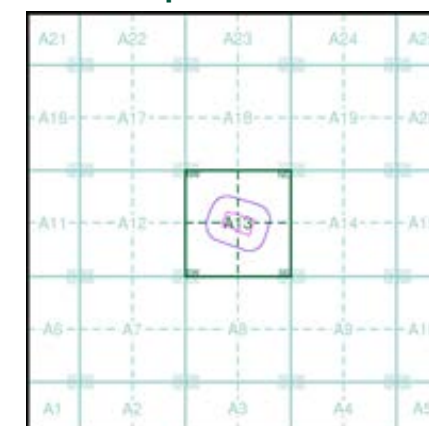
Source map scale - 1:10,000

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)

SU14NE	SU24NW
2000	2000
1:10,000	1:10,000
SU14SE	SU24SW
2000	2000
1:10,000	1:10,000

Historical Map - Slice A



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400

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INFORMATION GROUP

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wood.

10k Raster Mapping

Published 2006

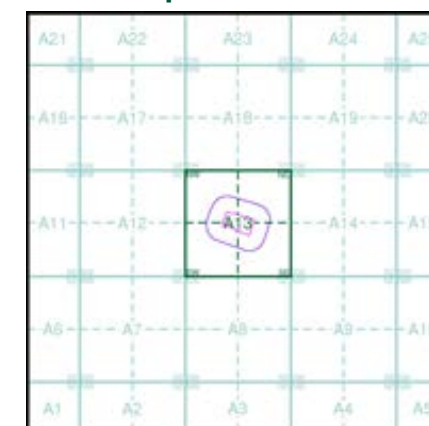
Source map scale - 1:10,000

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)

SU14NE 2006 1:10,000	SU24NW 2006 1:10,000
SU14SE 2006 1:10,000	SU24SW 2006 1:10,000

Historical Map - Slice A



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400

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VectorMap Local

Published 2025

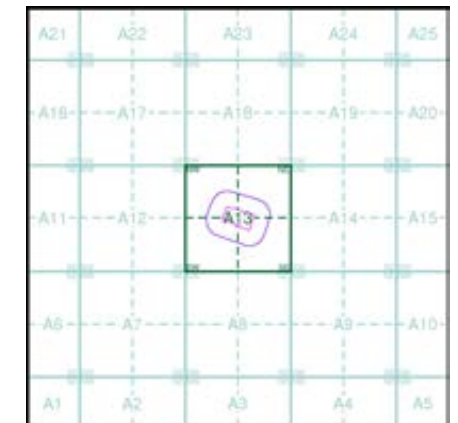
Source map scale - 1:10,000

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)

SU14NE 2025 Variable	SU24NW 2025 Variable
SU14SE 2025 Variable	SU24SW 2025 Variable

Historical Map - Slice A



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

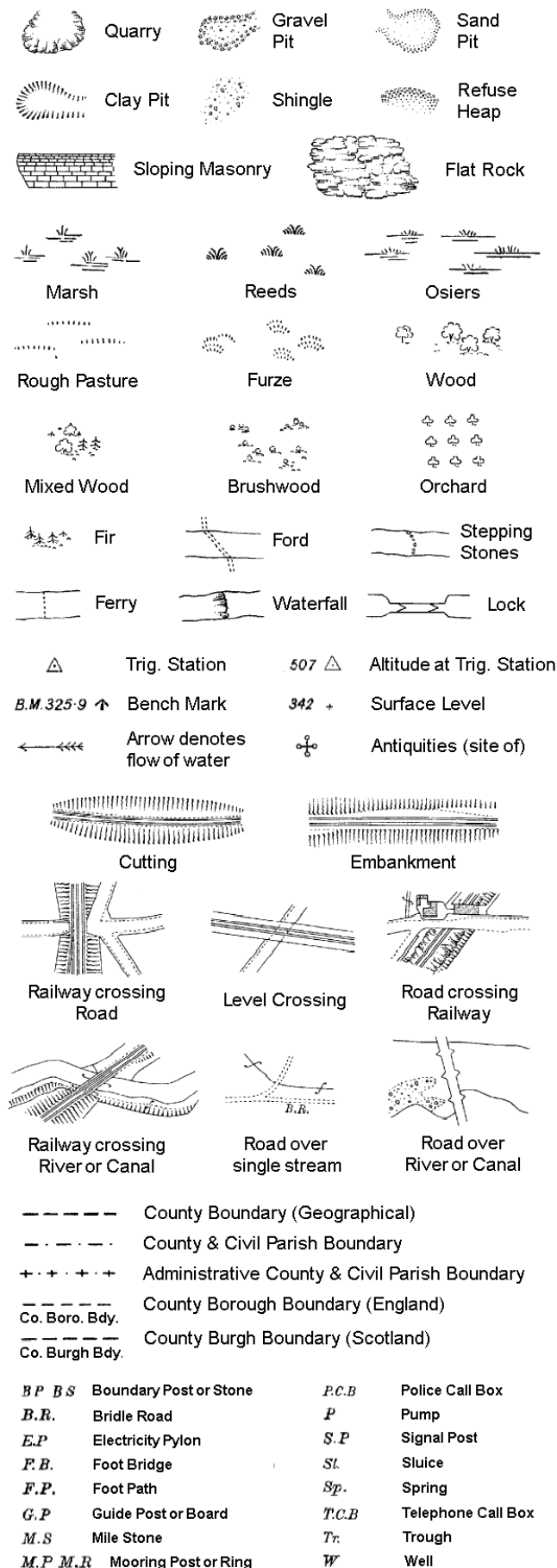
Site at 418930, 144400

Landmark
INFORMATION GROUP

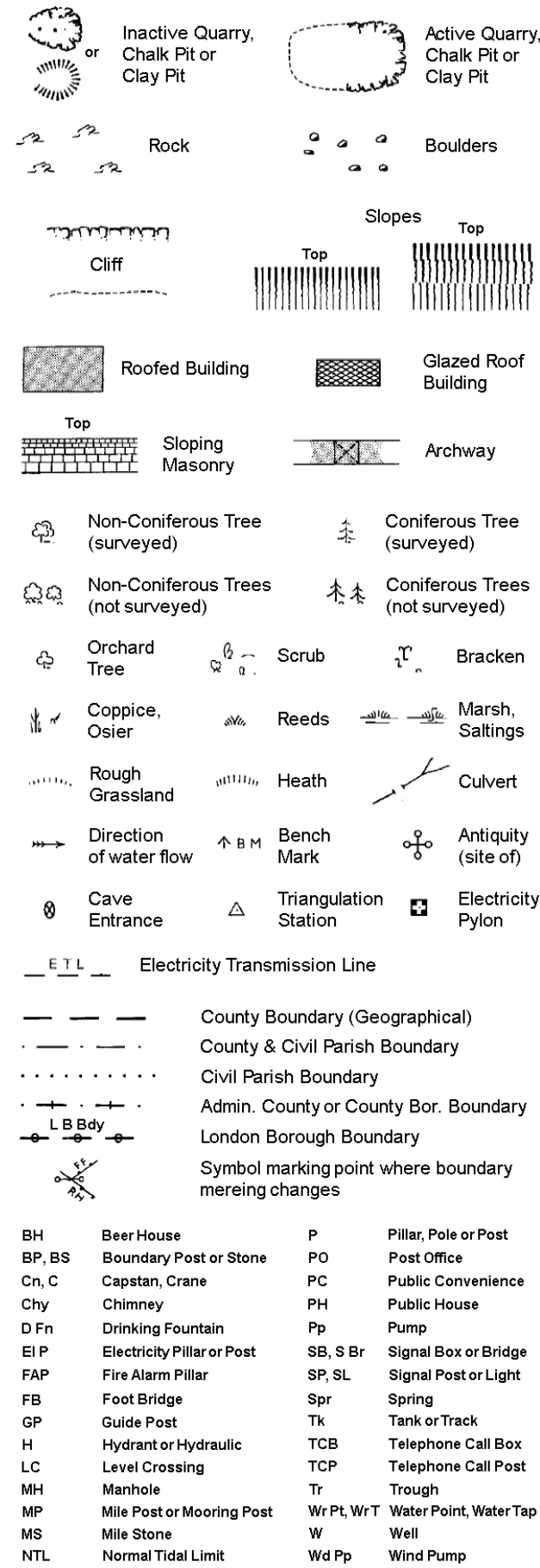
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Fax: 0844 844 9951
Web: www.envirocheck.co.uk

Historical Mapping Legends

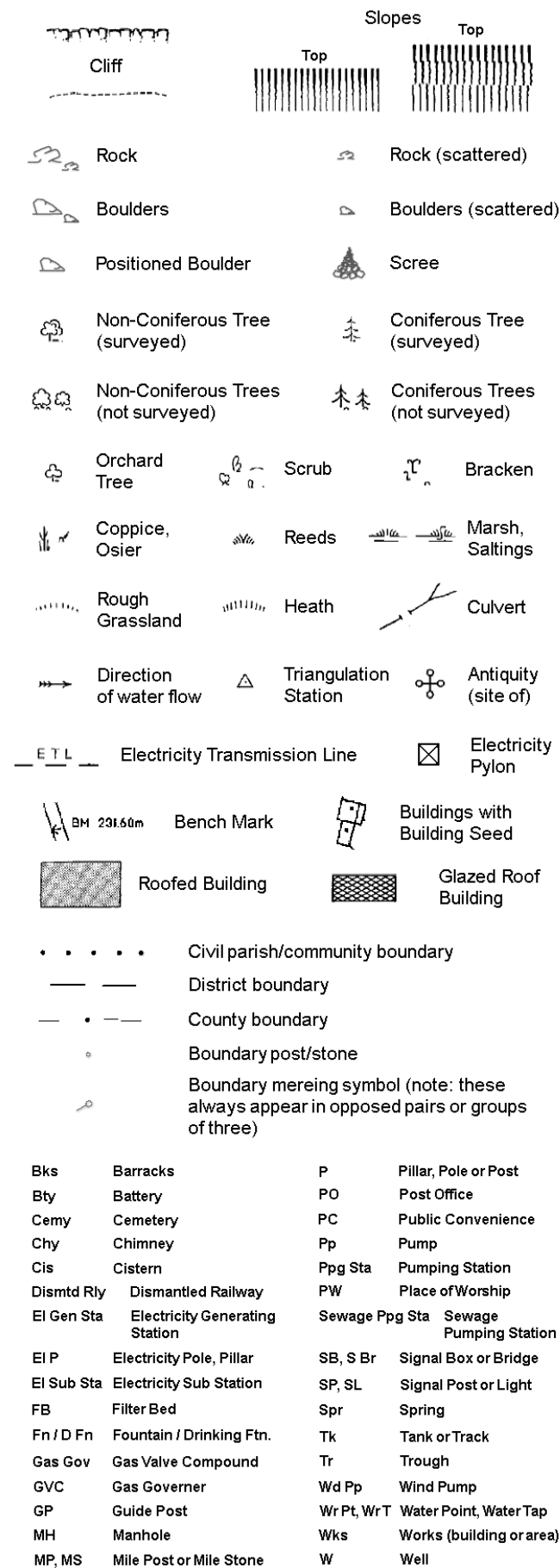
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



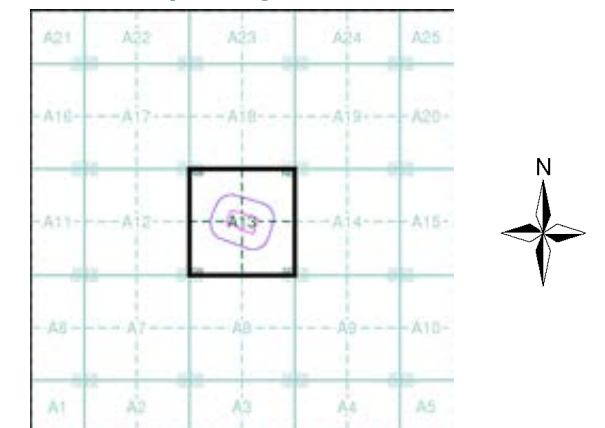
Large-Scale National Grid Data 1:2,500 and 1:1,250



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Wiltshire	1:2,500	1879	2
Wiltshire	1:2,500	1901	3
Wiltshire	1:2,500	1924	4
Wiltshire	1:2,500	1939	5
Ordnance Survey Plan	1:2,500	1971	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	2000	8

Historical Map - Segment A13



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400



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wood.

Wiltshire

Published 1879

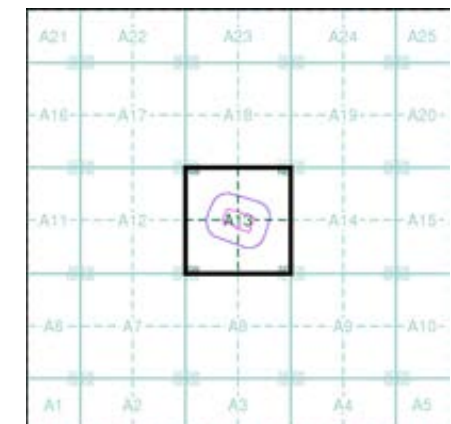
Source map scale - 1:2,500

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)

055_05
1879
1:2,500
055_09
1879
1:2,500

Historical Map - Segment A13



Order Details

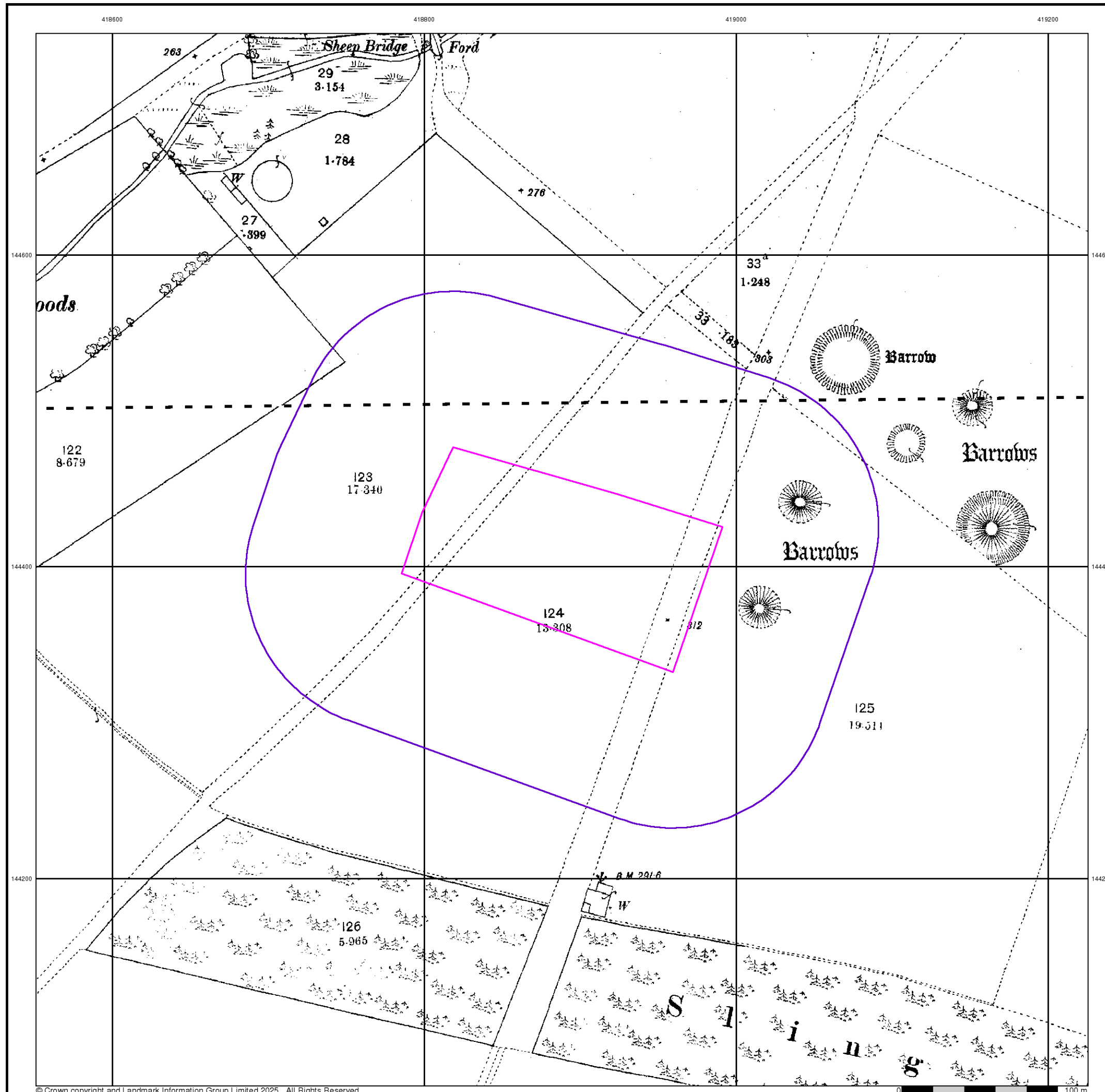
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400

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wood.

Wiltshire

Published 1901

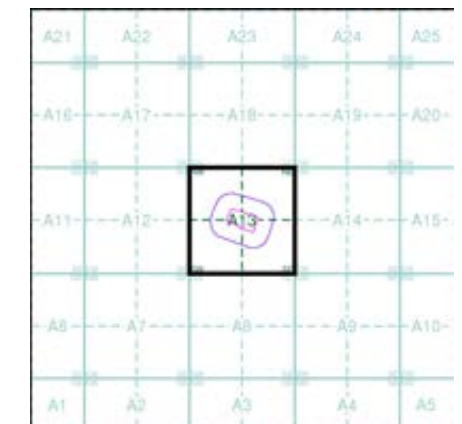
Source map scale - 1:2,500

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)

055_05
1901
1:2,500
055_09
1901
1:2,500

Historical Map - Segment A13



Order Details

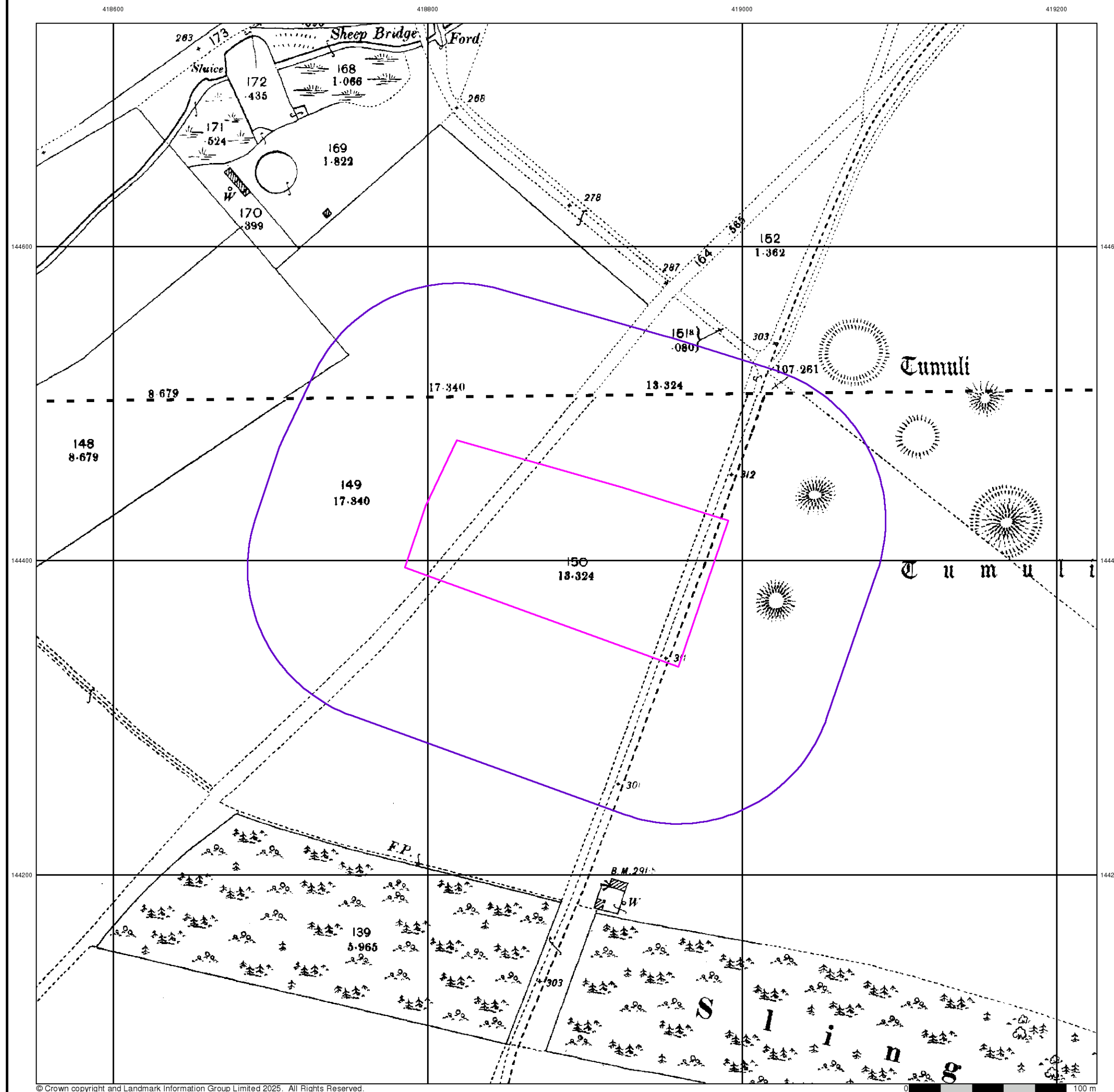
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

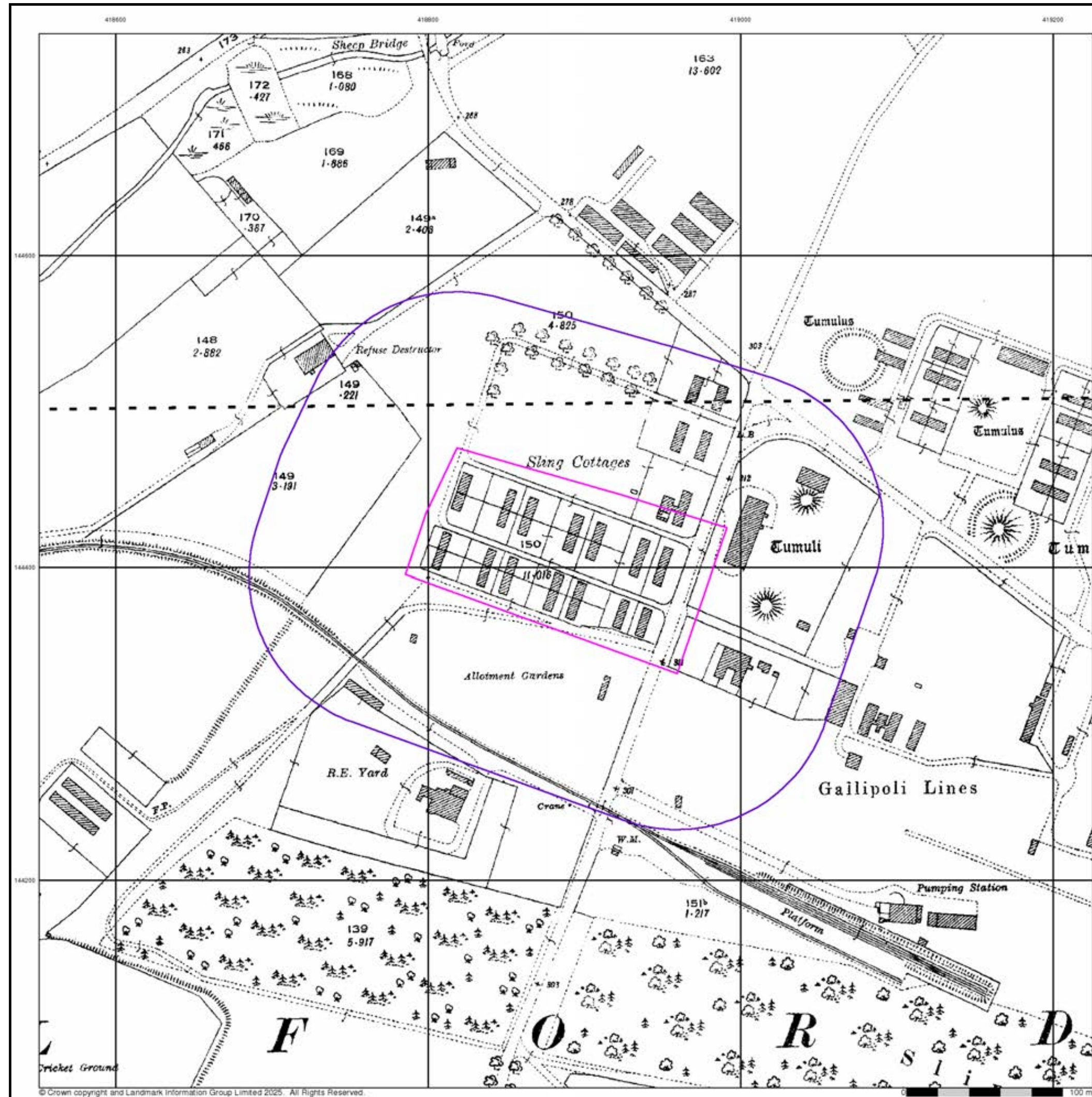
Site Details

Site at 418930, 144400

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wood.

Wiltshire

Published 1924

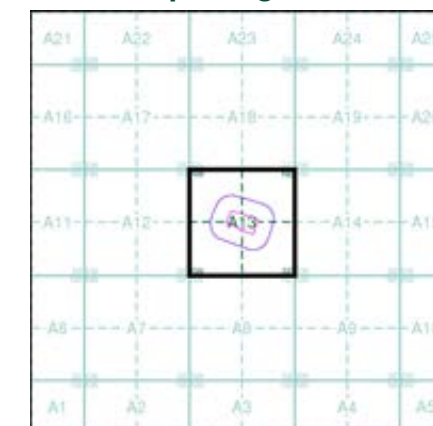
Source map scale - 1:2,500

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)

055_05
1924
1:2,500
055_09
1924
1:2,500

Historical Map - Segment A13



Order Details

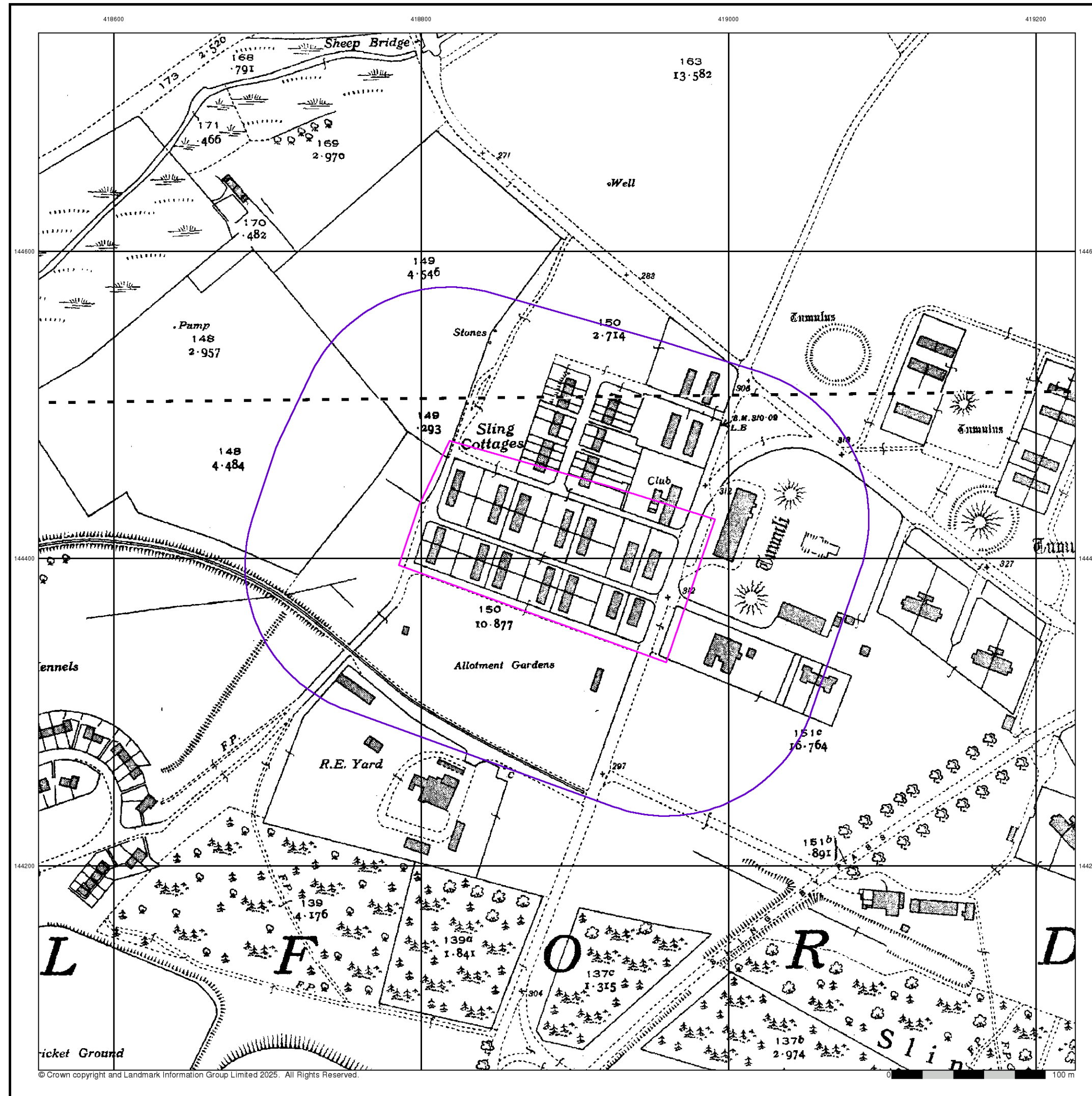
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400

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Wiltshire

Published 1939

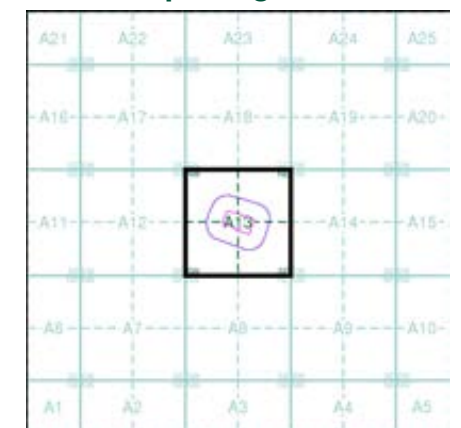
Source map scale - 1:2,500

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)

055_05
1939
1:2,500
055_09
1939
1:2,500

Historical Map - Segment A13



Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400



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wood.

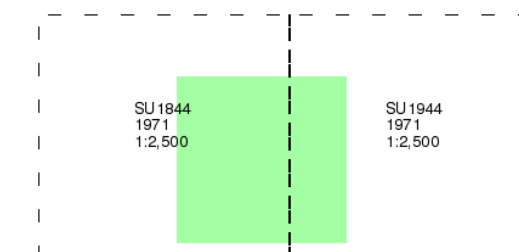
Ordnance Survey Plan

Published 1971

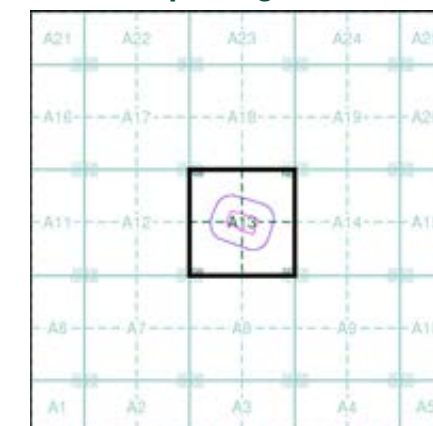
Source map scale - 1:2,500

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

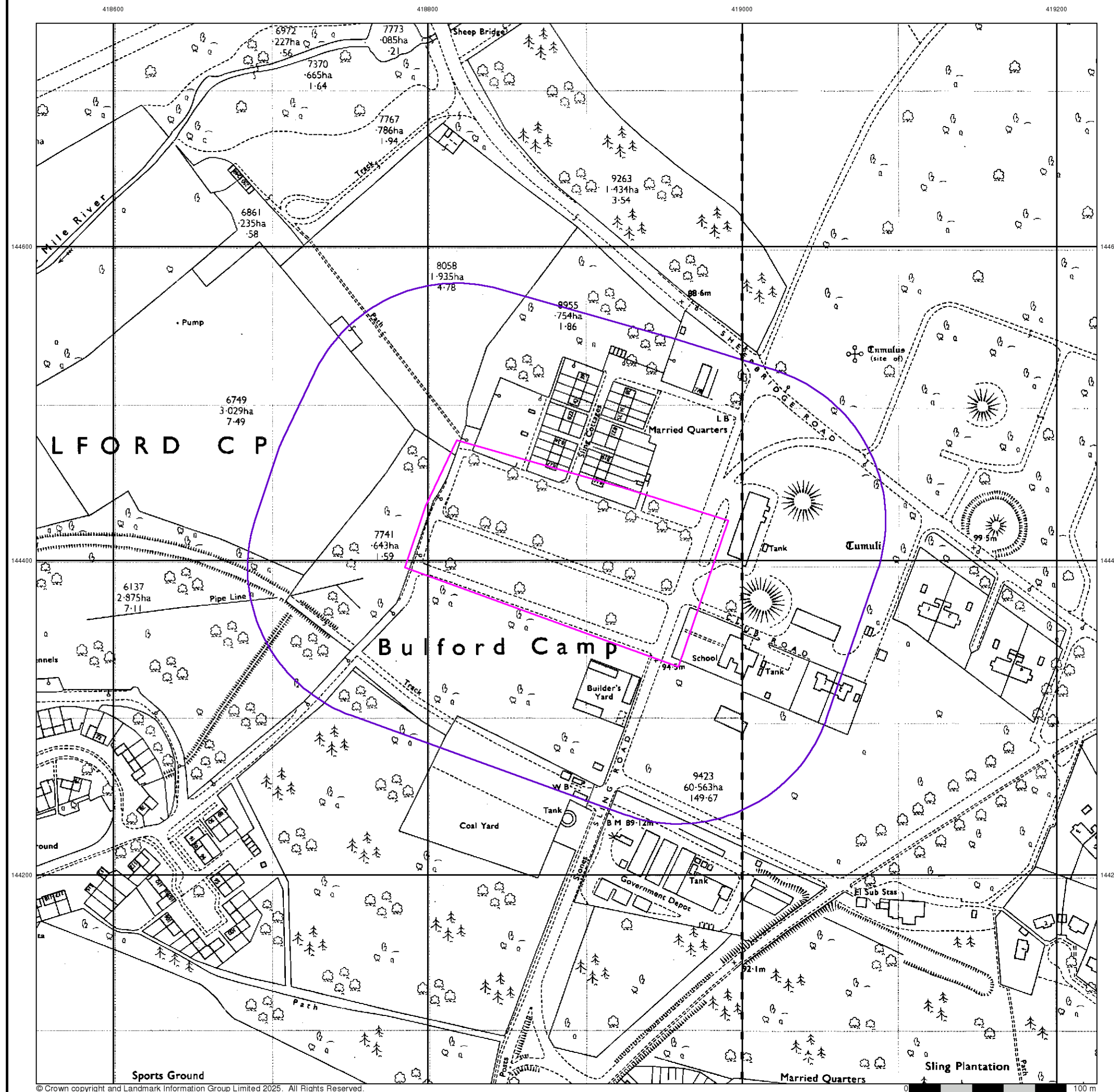
Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400

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Web: www.envirocheck.co.uk



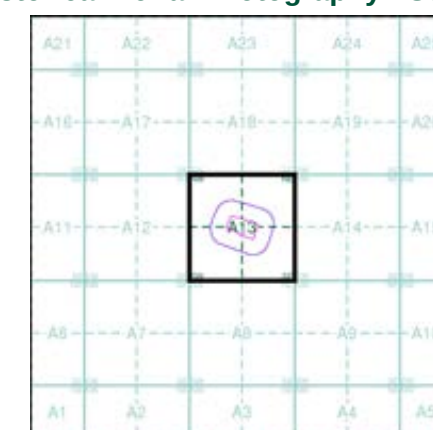


Historical Aerial Photography

Published 2000

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: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 100

Site Details

Site at 418930, 144400



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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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- 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)
- 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

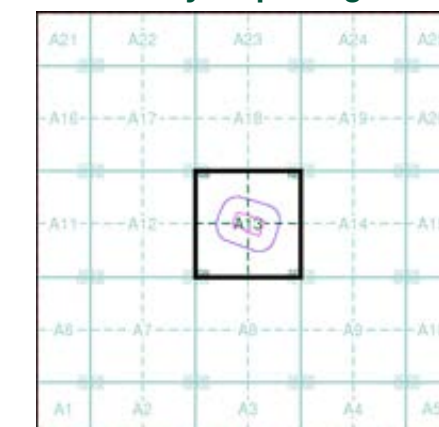
Hazardous Substances

- 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: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Plot Buffer (m): 100

Site Details

Site at 418930, 144400



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
- Historical Prosecutions
- Prosecutions
- Registered Radioactive Substance
- River Network or Water Feature
- 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)
- Registered Landfill Site
- 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

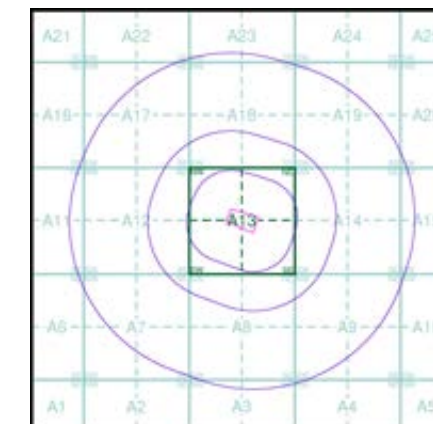
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400



Industrial Land Use Map

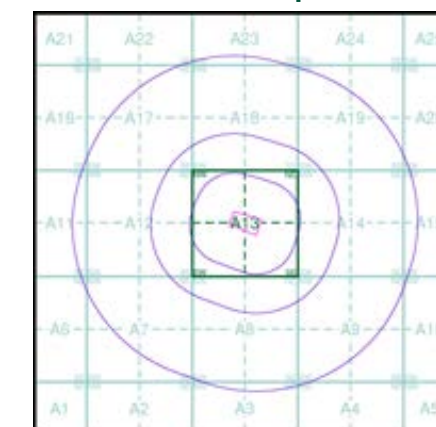
General

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

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry
- 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

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Slice: A
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

Site at 418930, 144400



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

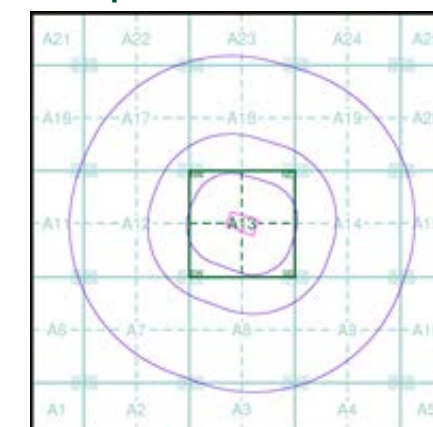
General

- 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

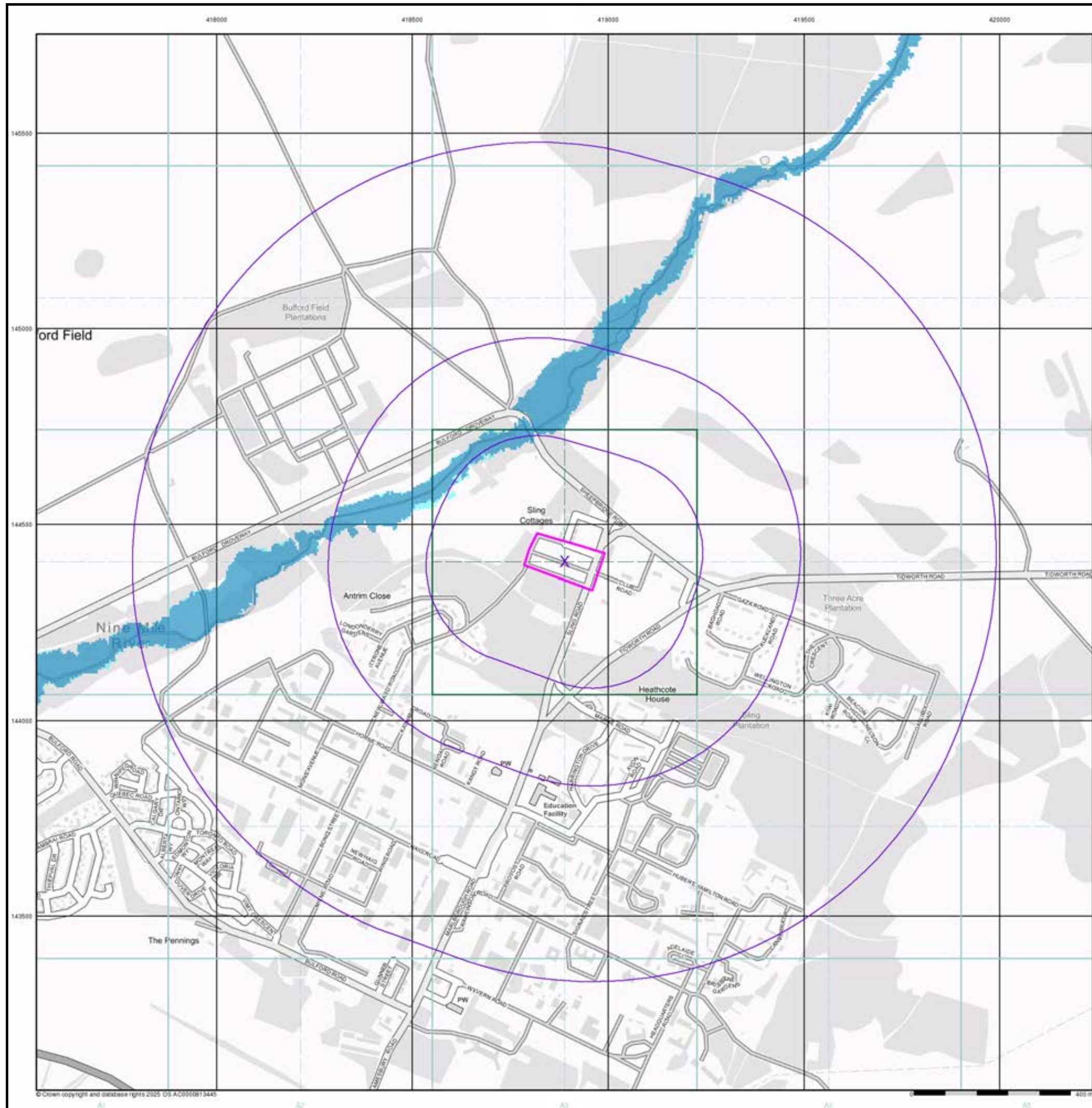


Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400



General

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

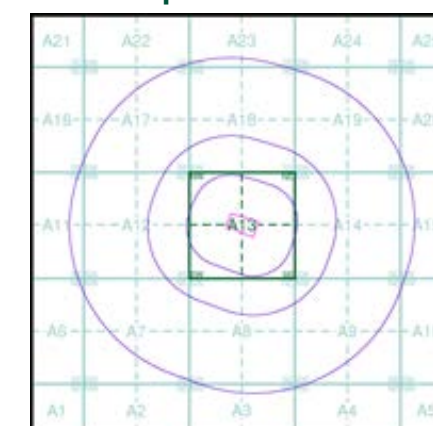
Agency and Hydrological (Boreholes)

- 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.

Borehole Map - Slice A

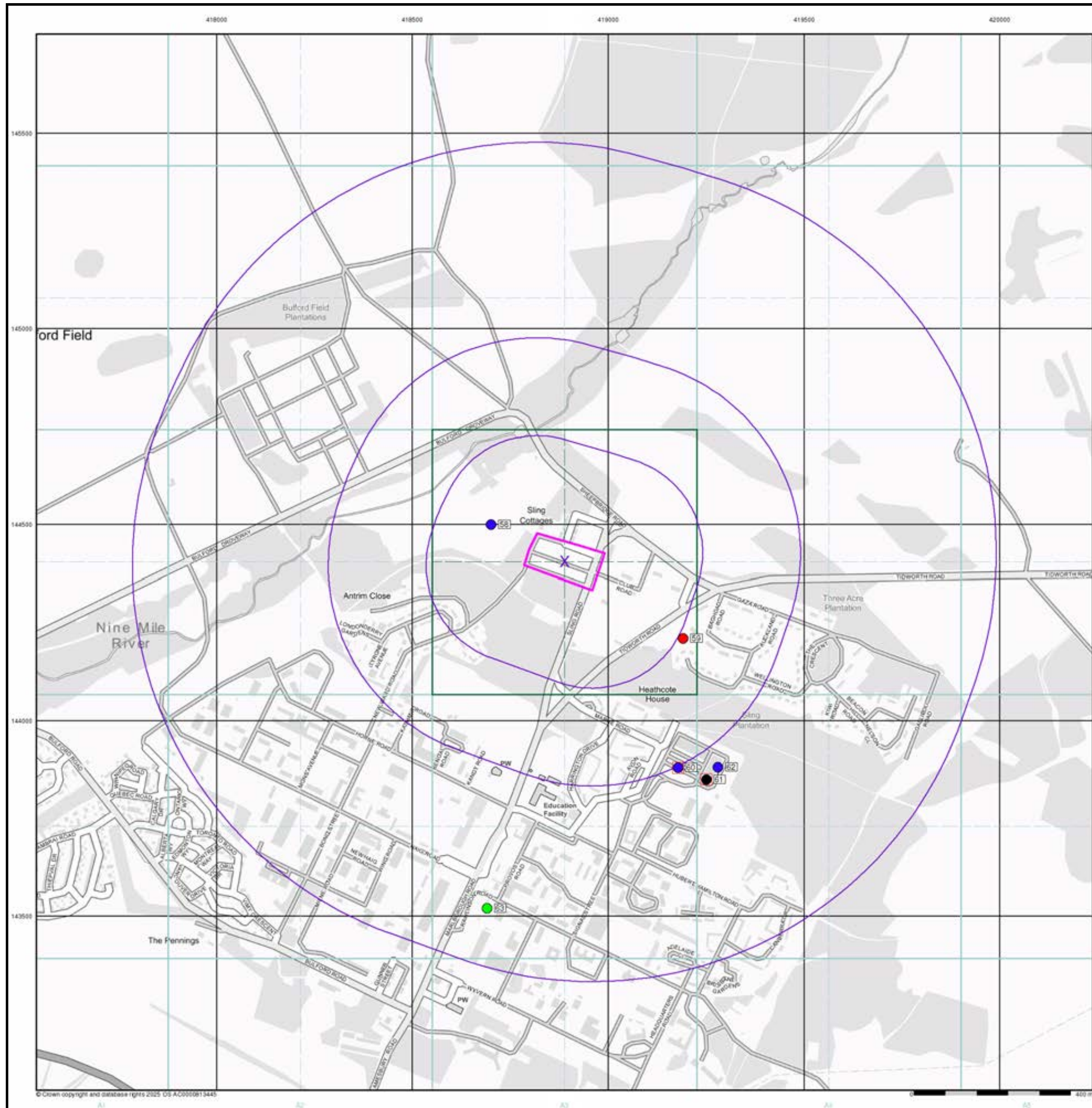


Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400



General

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

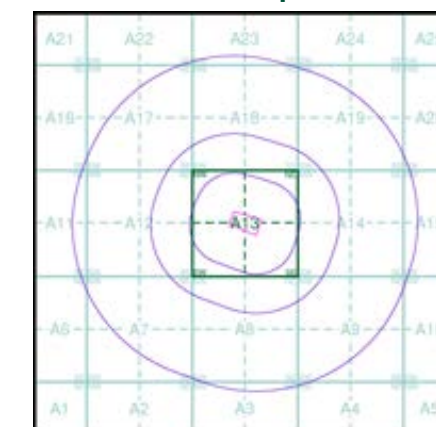
OS Water Network Data

- | | |
|--------------|-------------------------|
| 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
- Master Contour 100
- Spot Height 167.3
- MLW Mean Low Water
- MHW Mean High Water

OS Water Network Map - Slice A



Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400

General

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

Risk of Flooding from Surface Water

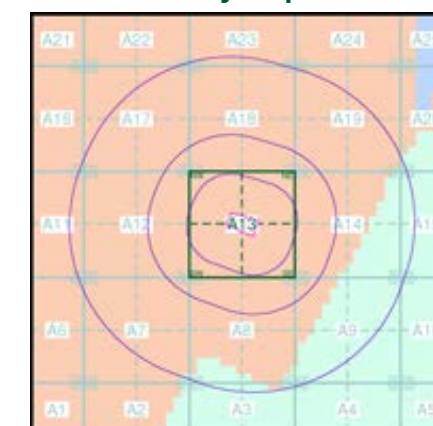
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400



General

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

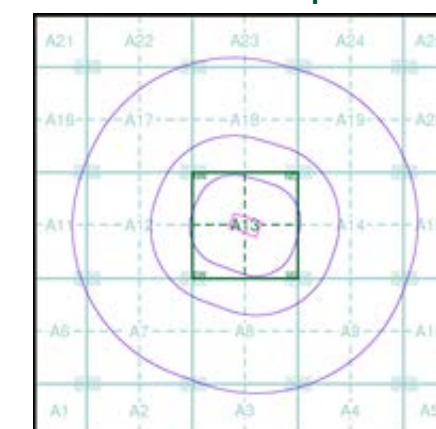
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

Order Number: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400

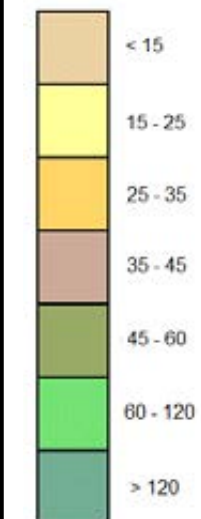


General

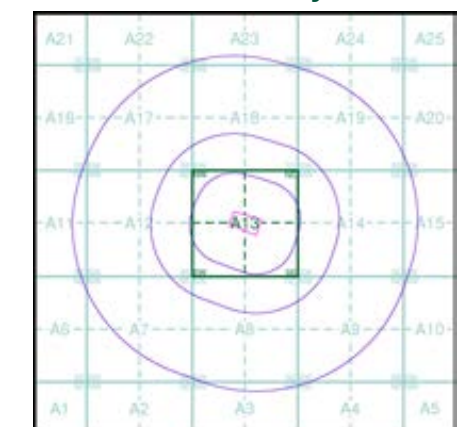
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg



Estimated Soil Chemistry Arsenic - Slice A

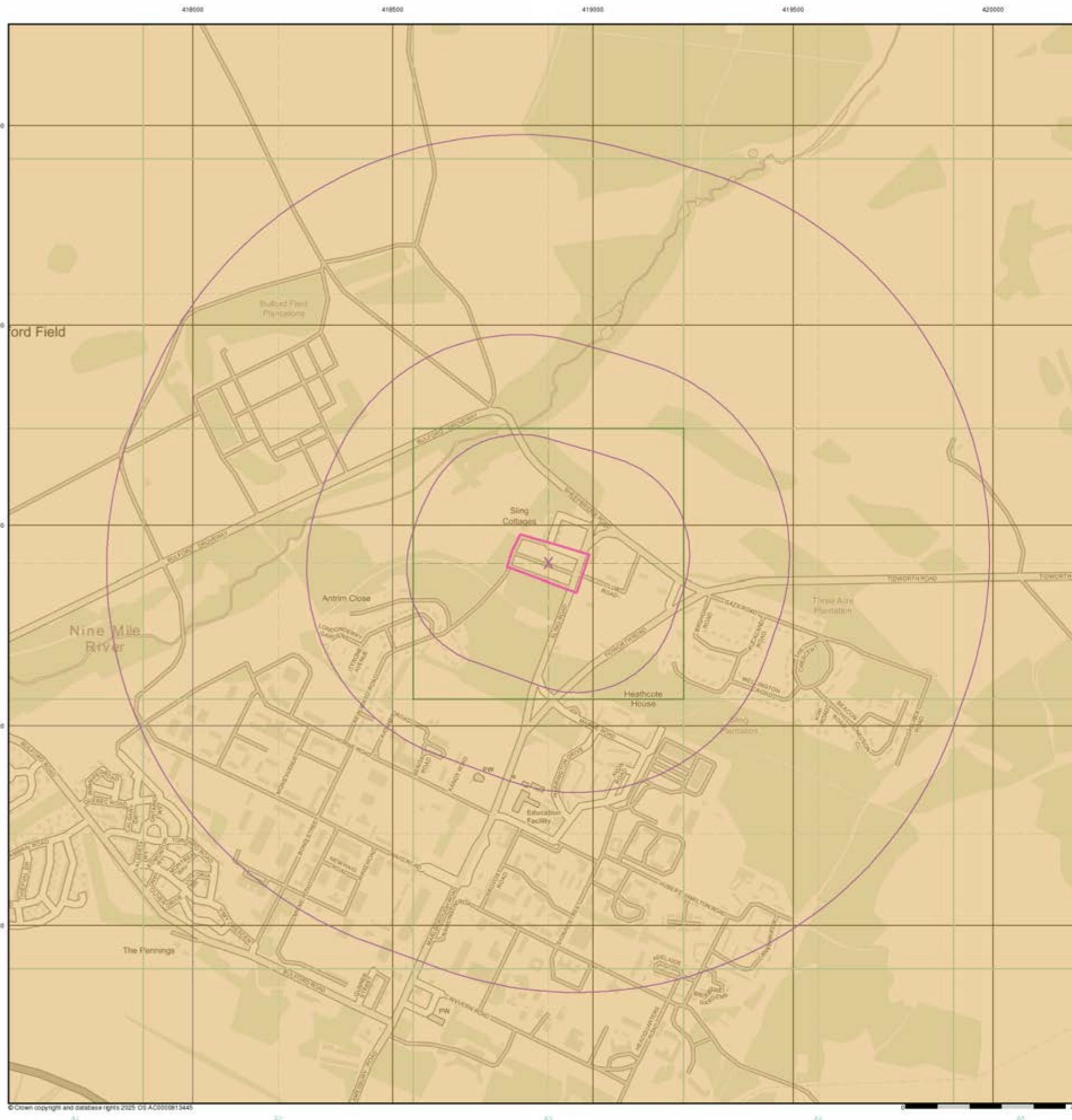


Order Details

Order Details: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400

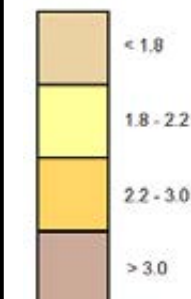


General

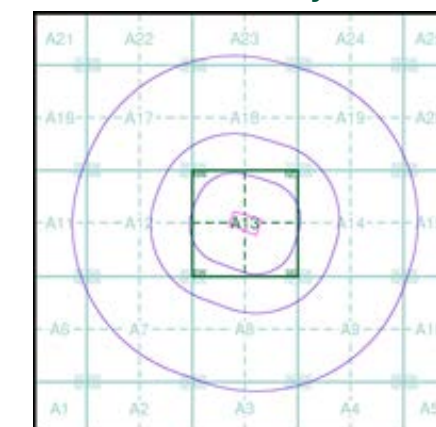
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg



Estimated Soil Chemistry Cadmium - Slice A



Order Details

Order Details: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

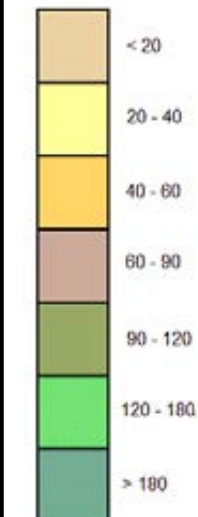
Site at 418930, 144400

General

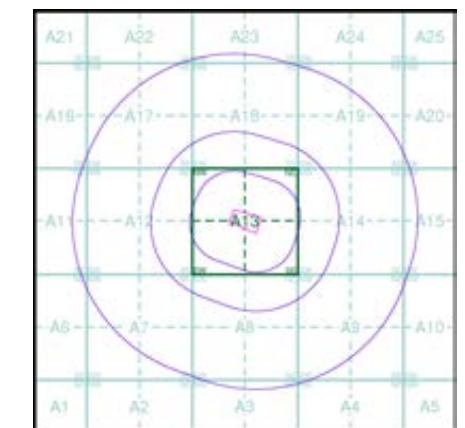
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg



Estimated Soil Chemistry Chromium - Slice A



Order Details

Order Details: 388279142_1_1
 Customer Ref: Bulford Camp
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 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

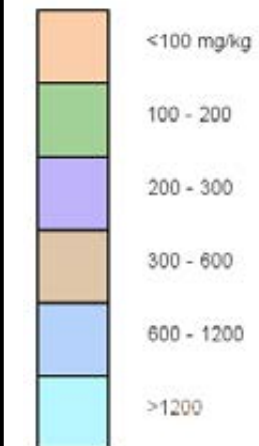
Site at 418930, 144400

General

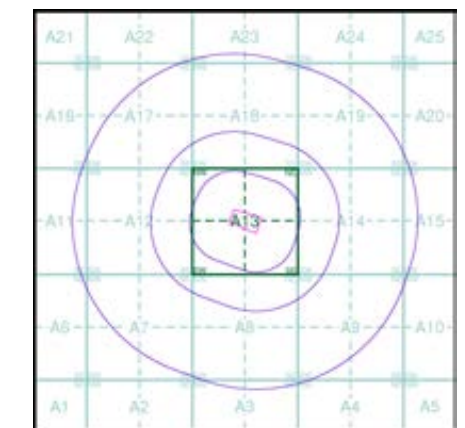
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg



Estimated Soil Chemistry Lead - Slice A



Order Details

Order Details: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

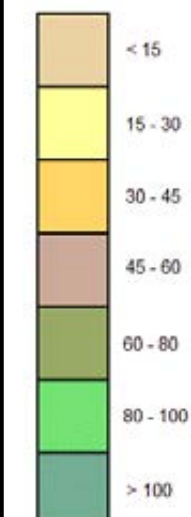
Site at 418930, 144400

General

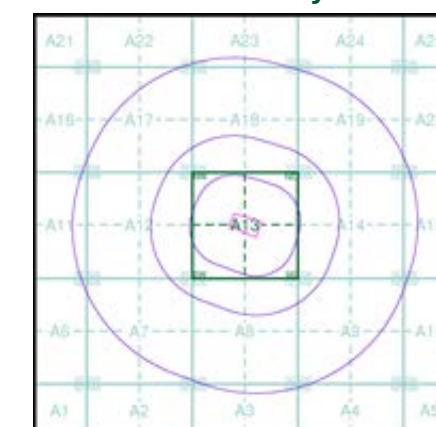
Specified Site Specified Buffer(s) Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg



Estimated Soil Chemistry Nickel - Slice A

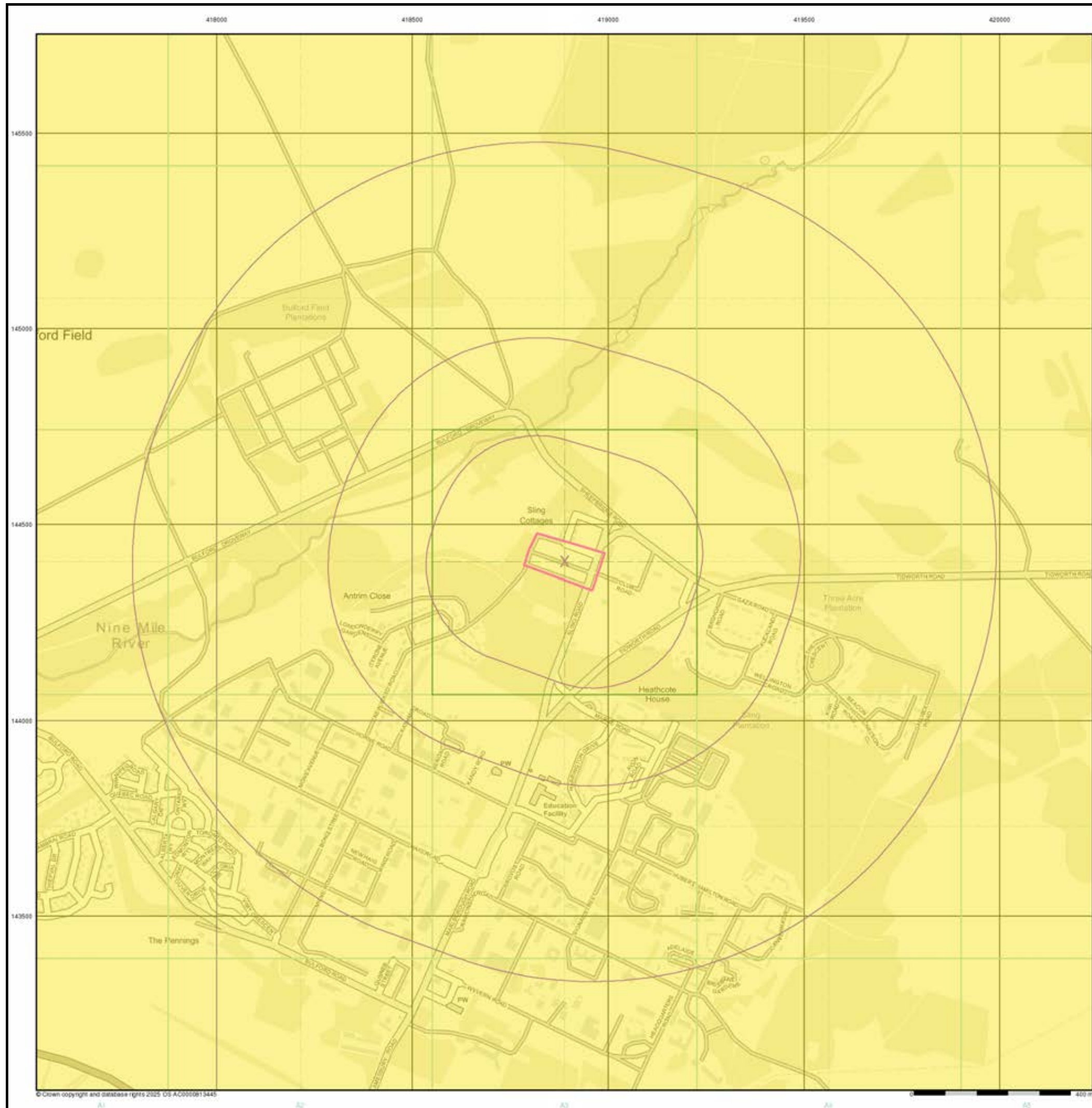


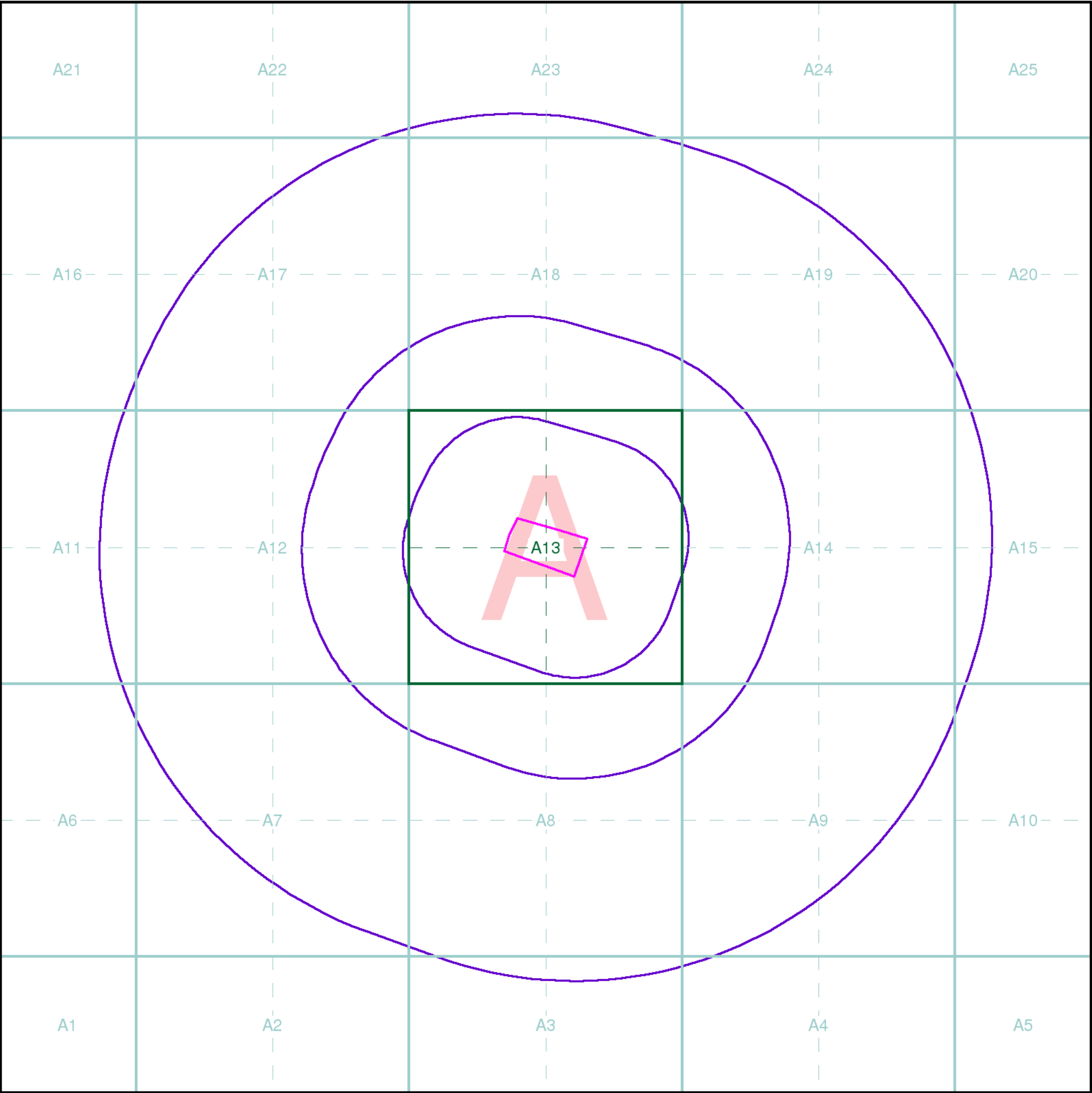
Order Details

Order Details: 388279142_1_1
 Customer Ref: Bulford Camp
 National Grid Reference: 418890, 144410
 Slice: A
 Site Area (Ha): 1.72
 Search Buffer (m): 1000

Site Details

Site at 418930, 144400





Index Map

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

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

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

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

A selection of organisations who provide data within this report:



Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr M Rudd, WSP UK Ltd, Canon Court, Abbey Lawn, Abbey Foregate, Shrewsbury, Shropshire, SY2 5DE

Order Details

Order Number: 388279142_1_1
Customer Ref: Bulford Camp
National Grid Reference: 418890, 144410
Site Area (Ha): 1.72
Search Buffer (m): 1000

Site Details

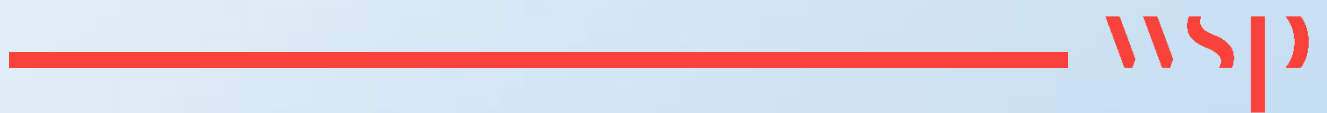
Site at 418930, 144400

Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>



Appendix C

HAZARD MAPPING AND LABELLING

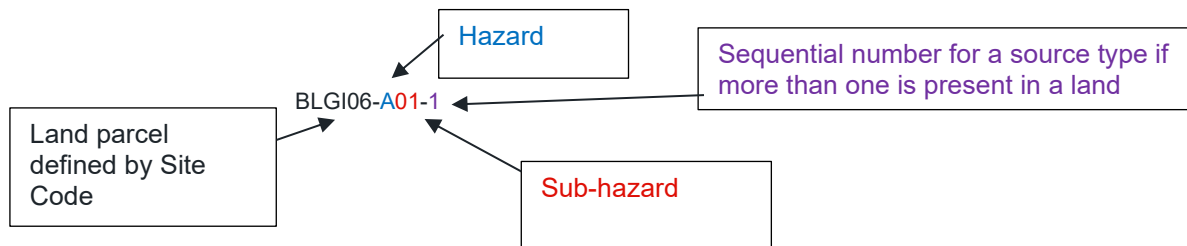


Hazard mapping has been produced to sit alongside the Land Quality Assessment report and this appendix describes the labelling for each hazard (source of contamination) that is adopted consistently within the report, risk assessment, figures and hazard mapping. The Hazard mapping should be read alongside the land quality assessment report that is referred to in 'Comments' column in the shapefile.

Hazard labelling

A unique Hazard ID has been given to each source of contamination (or hazard) which includes both the site's land parcel and the source type (HAZUNIID).

This comprises the following:



Each land parcel has its own unique code which comprises four letters. For this site the code BLGI06 has been used to define the areas.

Each different source type is given a letter (see table below) and further sub-classification of sources within that type is given a Sub-Hazard by numbers 01, 02 etc. For example, Letter E will always denote a workshop and 01 is a vehicle maintenance. Together the Hazard and Sub-Hazard denote a specific source (e.g. E01 is a vehicle maintenance workshop).

Where there are more than one of that type of source within a parcel of land then to provide a unique reference for each hazard, a sequential number is given at the end.

The labelling is consistently applied across the entire estate, for instance, all firing ranges with stop butts would be labelled A01 as hazard and sub-hazard. Not all sources will be present on each site, therefore there will be Hazards and Sub-Hazards that are not present on individual sites. For example, for a site with no fuel and oil storage (given Hazard letter B) there would be no reference within the report or mapping to a Source B.

Separation by land parcels

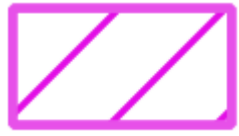
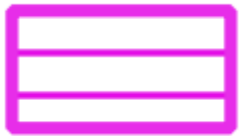
Where a source covers two different land parcels, two entries will be included in the Hazard ID. For example, WARC00-A01-1 and BLGI06-A01-1 to cover a small arms range crossing a land parcel boundary.

Where the source within a given land parcel is large and the risk changes significantly across the source area (for instance where the source covers two different groundwater sensitivities) separate entries will be included with suffix A, B, C etc.

Hazards and Sub-Hazards

The hazards and sub hazards have been predefined as follows

Hazard	Sub-Hazard	Colour on hazard mapping adopted on Figures
A Ranges and Demolition Grounds	A01 Small Arms range with Stop Butt A02 Small arms with informal bullet capture A03 Small Arms range with no bullet capture A04 Impact Area A05 Tanks and AFV range including antitank range A06 Artillery range A07 Grenade range A08 General Field firing A09 Demolition ground A10 Shotgun/clay pigeon range	

Hazard	Sub-Hazard	Colour on hazard mapping adopted on Figures
	A11 Munition Manufacture A12 Mortar Range A13 Munition Debris A14 Other	
B Fuel and Oil Storage and Use	B01 Underground storage tanks B02 Above storage tanks B03 Bulk fuel storage B04 Refuelling area (no tanks) B05 Tanker/Bowser park B06 Packed POL B07 Engine/Generator tank B08 Other	
C Waste disposal	C01 Buried Tip C02 Surface tipping C03 Bund/Stockpiled mounds C04 Waste compound C05 Infilled pit/pond C06 Other	
D Burning Areas	D01 Burning grounds (Targetry) D02 Propellant and Munitions Burning D03 Incinerators D04 Tip and burning area D05 General Burning Grounds D06 Other	
E Workshops	E01 Vehicle Maintenance E02 Range workshop and joiners E03 Armourers workers E04 Hangar E05 Other	
F Other Hazardous material storage	F01 Hazardous material store F02 Solvent tanks F03 Coolant and antifreeze F04 Battery storage F05 Other	
G Demolished Buildings and structures	G01 Demolished buildings and structures	
H Fire training area	H01 Firefighting using foam H02 Firefighting not using foam H03 Other	
I Air raid shelter/bunkers	I01 Air Raid Shelter	

Hazard	Sub-Hazard	Colour on hazard mapping adopted on Figures
J Chemical warfare agents	J01 Chemical Warfare Agent	
K Radioactivity	K01 Radioactive Store K02 Supervised Radiation Area K03 Radioactivity Impacted areas K04 Radioactivity Other	
L Other Areas of known contamination	L01 Asbestos impacted area L02 Other	
M Substations	M01 Substation/Transformer	
N Vehicle Washdown	N01 Vehicle Wash	
P Agriculture	P01 Sheep Dip P02 Silage/Slurry tanks P03 Other	
Q Ordnance Storage	Q01 Ammunition and Explosive storage area Q02 Armoury Q03 Amnesty disposal box Q04 Shooting in Box	
R Sewage/ Water treatment	R01 Cess pit/Septic Tank R02 Sewage treatment works R03 Water treatment chemicals R04 Discharges to land R05 Other	
X Other	X01 Mining X02 Aircraft Crash site X03 Disused Lime Kiln/Quarry X04 Former Railway X06 Helicopter landing site X07 Vehicle storage X08 Other	



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