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**BCR Appendix 04: Adler and Allan Phase 1 Report (includes drainage
survey and geology)**

**PRELIMINARY ENVIRONMENTAL RISK
ASSESSMENT
UNIT 9 WORLE QUARRY, WESTON-SUPER-MARE**

LINCOLN STORM LTD

JUNE 2023



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EXECUTIVE SUMMARY

On 31st March 2023, Adler and Allan (A+A) were instructed to attend the site at Unit 9 Worle Quarry following an arson attack from fireworks. Multiple bags of recycled lithium battery waste were set alight on site and approximately 108,000 litres (L) of firefighting water were used to extinguish the fire. This subsequently entered the site's drainage system. It is unclear at this stage if there has been an impact to the environment and groundwater below the site as a result of the incident.

The site is located at National Grid Reference ST 335130, 163240 at Unit 9 Worle Quarry, Worle, Weston-Super-Mare, BS22 9LF. The site's underlying geology is predominantly Oolitic Limestone of the Goblin Combe Oolite Formation which is classified as a Principal Aquifer. It was reported by on-site representatives that due to the site's history as a quarry, Made Ground in the form of quarry waste and landfill material may be present beneath the site.

On 19th of April 2023, a site walkover was conducted by A+A. A CCTV drainage survey was subsequently completed on 2nd May 2023 to assist with the assessment presented in this report. From this information, as well as following a review of data obtained from the Envirocheck report and publicly available resources, a Preliminary Risk Assessment and Conceptual Site Model (CSM) was produced. Due to the nature of the incident, the CSM identified a high risk to controlled waters. A very low to low risk was identified for human health receptors.

It is noted that the site has a long history of landfill use which is unrelated to Lincoln Storm and their current site operations. This historical land use has the potential to act as a source of background contamination which will be considered as part of this assessment.

Based on the findings of the preliminary risk assessment, it is recommended that further investigation of sub-surface conditions and the groundwater is carried out via drilling techniques. A minimum of one borehole should be completed and installed with a monitoring well targeting groundwater, with follow-up monitoring and sampling of groundwater also to be completed.

If gross contamination is found in relation to the incident, in-situ chemical remediation of the underlying aquifer should be implemented as soon as possible and if necessary, additional boreholes should be considered to delineate the contamination plume and further monitor groundwater conditions across the site.

**LINCOLN STORM LTD
PHASE 1 DESK STUDY REPORT**

UNIT 9 WORLE QUARRY, WESTON-SUPER-MARE

CONTENTS

1	Introduction	1
1.1	Methodology and Purpose of Report	1
1.2	Limitations	1
2	Site Description and Environmental Setting	2
2.1	Site Location and Description	2
2.2	Geology	2
2.3	Published Hydrogeology	3
2.4	Published Hydrology and Drainage	4
2.5	Ecologically Sensitive Sites and Protected Habitats	6
2.6	Review of Regulatory Data	6
2.7	Review of Historical Mapping	8
3	Description of Incident and A+A Site Attendance	10
3.1	Description of Incident	10
3.2	Site Walkover by Environmental Consultant	10
4	Conceptual Site Model	13
4.1	Contaminant Source	13
4.2	Receptors and Pathways	13
4.3	Summary Table	14
5	Conclusions	17
6	Recommendations	18
	References	19

FIGURES

- FIGURE 1 – Site Location Plan
- FIGURE 2 – Site Layout Plan
- FIGURE 3 – Drainage Plan

APPENDICES

- APPENDIX A – Qualitative Risk Assessment Methodology
- APPENDIX B – Site Photographs
- APPENDIX C – Site Drainage Report
- APPENDIX D – Envirocheck Report
- APPENDIX E – Historical Maps

1 Introduction

Adler and Allan (A&A) were instructed by Lincoln Storm Ltd (the Client) to undertake an environmental assessment of the site at Unit 9 Worle Quarry following an arson attack from fireworks which set light to multiple bags of recycled lithium battery waste. Approximately 108,000 Litres (L) of firefighting water was used to extinguish the fire, which subsequently entered the site's drainage system. It is understood that the site's surface water drainage enters an interceptor before discharging to a soakaway which drains directly to ground.

The assessment reported herein aims to determine the baseline environmental conditions on-site.

1.1 Methodology and Purpose of Report

A tiered approach to risk assessment is recommended by the Environment Agency (EA) in their guidance, 'Land Contamination: Risk Management (LCRM)' (Ref. 1). In Tier 1 a Preliminary Risk Assessment (PRA) is undertaken which requires the collection and collation of published information, and if necessary, can also include a preliminary investigation, in order to formulate an initial conceptual site model (CSM) detailing the potential contaminant linkages at a site. Potential contaminant linkages are composed of a contaminant source, linked to a receptor via a pathway. If any of the elements of a contaminant linkage are missing the land cannot be designated as Contaminated Land.

The principal objective of this report is to identify potential contaminant linkages and undertake a PRA, based on the initial CSM, in accordance with the LCRM guidance issued by the EA.

1.2 Limitations

The findings contained within this report are based on information obtained from a variety of sources detailed in the report, which are considered to be reliable. Nevertheless, the authenticity and reliability of the information cannot be guaranteed. Further, it is possible that the research carried out, whilst fully appropriate to meet the requirements of the scope of the report, may not indicate the full extent of conditions across the site and the existence of other information sources. Assuming such sources exist, their information could not have been used in the completion of this report.

All works undertaken, including the contents of this report, are for the sole benefit of Lincoln Storm Ltd. The content shall not be relied upon by others. The benefit of this report shall not be assigned to any other party without written permission from A+A. Should others choose to rely on it the authors owe them no duty of care or warranty of skill.

2 Site Description and Environmental Setting

2.1 Site Location and Description

The site is located at National Grid Reference ST 335130, 163240 at Unit 9 Worle Quarry, Worle, Weston-Super-Mare, BS22 9LF. The site location and surrounding area is shown in **Figure 1**. For the purposes of this report “the site” is defined as the land owned and used by Lincoln Storm Ltd for the recycling of lithium batteries. The boundaries of the site comprise a mixture of metal palisade fencing, heras fencing and the quarry wall. The site extent is shown on **Figure 2**.

The site is set within a small industrial estate, located approximately 3km northwest of the centre of Weston Super Mare. A small number of commercial businesses are adjacent to the northern boundary before ‘Lower Kewstoke Road’ and residential dwellings approximately 180m away. ‘Glencoe Radon Gas Centre’ is immediately to the east of the site before the quarry wall, mature vegetation, and residential properties from approximately 60m to the east. Immediately to the south of the site is the quarry wall and mature vegetation before more residential dwellings and associated gardens. ‘Worlebury Golf Club’ is noted to be adjacent to the west before residential properties.

The topography of the site is generally flat, with the quarry walls measuring approximately 40m in height to the east, south and west of the site. The wider local landscape slopes steeply from east to west. The site is accessed off Lower Kewstoke Road, where an unnamed road leads to the sites entrance. The entrance comprises a large electrical security gate for vehicles and a small electrical pedestrian gate, accessible with a security code. The access way is suitable for HGV’s.

It is understood that the water mains for the site enter from the eastern boundary, near to the access gate and that the electrical supply is fed via above ground cables across the site. It is noted that there are no gas mains on site.

Further details pertaining to the site’s layout are presented in Section 3.2, which covers observations made during the site walkover.

2.2 Geology

2.2.1 Made Ground

The British Geological Survey (BGS) published mapping (Ref. 6) does not identify the presence of Made Ground underlying the site; however, anecdotal information suggests the site is underlain by a substantial thickness of Made Ground due to the previous use of the quarry as a landfill. The anticipated Made Ground has been described by on-site sources as:

- Quarry waste (limestone) to approximately 15 m bgl;
- Landfill waste including vehicle scrap metal and engine blocks up to 65 m bgl.

2.2.2 Superficial Strata

Based on the BGS published mapping (Ref. 6), the site is not underlain by any superficial deposits.

2.2.3 Bedrock

According to the BGS published mapping (Ref. 6) and the Landmark Envirocheck Report (Ref. 3), the solid geology underlying the site is predominantly oolitic limestone of the Goblin Combe Oolite Formation, which is noted to be up to 70m in thickness. The Clifton Down Limestone Formation is recorded to be present toward the northern boundary of the site.

The BGS mapping also records a fault line that runs east to west through the northern section of the site.

2.2.4 Review of Borehole Logs

The BGS Geindex website (Ref. 6) has identified that there are seven boreholes located within 500m of the site for which there are available records. The following table summarises the three closest boreholes to the site.

Table 2.1: Summary of BGS Borehole Logs

BGS Reference	Location	Summary of Borehole Record		
		Depth (m bgl)	Description of Geology	Groundwater Strike Details
ST36SE135	403m southeast	0.00 – 0.30	Topsoil	None.
		0.30 – 0.50	Loose yellow sandstone (Keuper Marl)	
		0.50 – 2.00	Firm weathered red KEUPER MARL with occasional calcite deposits.	
ST36SE136	410m southeast	0.00 – 0.60	Topsoil	None.
		0.60 – 1.50	Carboniferous Limestone.	
ST36SE137	380m southeast	0.00 – 0.40	Topsoil	None
		0.40 – 0.80	Stone / Red Keuper Marl mixture.	
		0.80 – 3.30	Stiff weathered red KEUPER MARL.	

2.3 Published Hydrogeology

According to the Multi Agency Geographic Information for the Countryside (MAGIC) website (Ref. 7) and the Landmark Envirocheck Report (Ref. 3), the site is underlain by bedrock which has been classified as a Principal Aquifer with a high groundwater vulnerability. The EA identifies a Principal Aquifer as layers of rock or drift deposits that have high intergranular and/or fracture permeability - meaning they usually provide a high level of water storage. They

may support water supply and/or river base flow on a strategic scale.

2.3.1 Source Protection Zones

In terms of aquifer protection, the EA generally adopts a three-fold classification of Source Protection Zones (SPZ) for public water supply abstraction wells.

- Zone I - or 'Inner Protection Zone' is located immediately adjacent to the groundwater source and is based on a 50-day travel time for contamination to reach the abstraction borehole. It is designed to protect against the effects of human activity and biological/chemical contaminants that may have an immediate effect on the source.
- Zone II - or 'Outer Protection Zone' is defined by a 400-day travel time to the source. The travel time is designed to provide delay and attenuation of slowly degrading contaminants.
- Zone III - or 'Total Catchment' is defined as the area around a source within which all groundwater recharge is presumed to be discharged at the source.

According to the Landmark Envirocheck Report (Ref. 3), the site does not lie within a SPZ for public water supply abstraction wells.

2.4 Published Hydrology and Drainage

The nearest surface water feature to the site is approximately 372m northwest. This feature is recorded to be an unnamed drain which runs north toward the Somerset Levels.

Site drainage plans were requested from Lincoln Storm Ltd, and a plan was provided. The plan indicates the site has multiple linear drainage channels along the entrances to several buildings on site, which ultimately feed into the site's interceptors. There are two interceptors recorded on-site; one in the southeast storage tent 2 and one in the southwest storage tent 3.

There is a single surface water drain toward the centre of the site which feeds into a dual chambered interceptor located under the southwest storage tent (**Figure 2**). This interceptor then discharges into a soakaway which is approximately 10m to the west.

Two additional surface water drains are noted by the eastern weighbridge and run west into a single chamber interceptor under the southeast storage tent (**Figure 3**). This interceptor then drains to the west into the interceptor located under the southwest storage tent, before discharging to the soakaway.

Due to the absence of complete drainage records on-site, A+A organised for a site drainage survey to be completed by Oneline on 2nd May. The survey detected additional surface water and foul drainage routes which pass across the site and provides information on the condition of these drainage routes.

The survey identified that the sites foul drainage runs into septic tank located to the east, near to the sites entrance gates.

A CCTV survey was conducted to inspect and grade the drainage channels on site, based on structural defects and service/operational conditions. The grades were based on the Sewer Risk Management (SRM) by the WRc. According to the survey, the drainage channels assessed for structural defects scored a Grade 3 and for service/operational conditions, grade 3 and 4.

A grade 3 for structural defects is described as:

- Best practice suggests consideration should be given to repairs in the medium term.

A grade 3 for service/operational conditions is described as:

- Best practice suggests consideration should be given to maintenance activities in the medium term.

A grade 4 for service/operational conditions is described as:

- Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.

Further description and details of the survey are provided in **Appendix C**.

2.5 Ecologically Sensitive Sites and Protected Habitats

According to the MAGIC website (Ref. 7) and the Landmark Envirocheck Report (Ref. 3), Worle Hill Wood, an ancient woodland, is approximately 268m to the northwest of the site. There are no other ecologically sensitive receptors or protected habitats located within 1km of the site. Details of the site designations are provided in **Appendix D**.

2.6 Review of Regulatory Data

As part of the preliminary risk assessment, A+A purchased an Envirocheck report (Ref. 3) to review regulatory data. A copy of this report is presented in **Appendix D**. A summary of the key findings relating to the site and surrounding area are presented below.

2.6.1 Environmental Permitting / Discharge Consent

A review of the Envirocheck report indicated no recorded permitting or discharge consents within 250m of the site.

2.6.2 Pollution Incidents

A review of the Envirocheck report indicated no recorded pollution incidents within 250m of the site.

2.6.3 Waste / Landfill Records

On Site

A review of the Envirocheck report indicates there are two recorded historic landfill facilities on site. Details for each are below.

- **ECC Construction Material Limited** – Received waste from 9th April 1989 until 30th November 1992. The specified waste is noted to be ‘inert and special waste’.
- **Worle Quarry Landfill Site** – The Envirocheck report did not supply dates or waste type for this landfill.

A review of the Envirocheck report indicates three recorded licensed waste management facilities on site. Details for each are below.

- **Worlebury Enterprise Ltd** – Licence Number 27279. Noted category as ‘landfills taking other wastes (construction, demolition and dredgings)’. The license was issued on 1st November 1996 and was surrendered on 5th February 2010.
- **Penfold Trade & Co Ltd** – Licence Number 26008. Noted category as household, commercial and industrial transfer stations. The license was issued on 27th April 1999 and revoked on 18th September 2009.
- **Lincoln Storm Ltd** – Licence Number 103188. Noted category as household,

commercial and industrial transfer stations. The license was issued on 2nd December 2011 and modified on 16th November 2022. This licence is currently active.

Off Site

A review of the Envirocheck report indicates there are no recorded historic landfill facilities within 250m of the site. One licensed waste management facility is recorded 64m north of the site and is detailed below.

- **Pezhon Ltd** – Licence Number 120633. Noted category as vehicle depollution facility. The license was issued on 12st August 2022 and is still active.

2.6.4 Industrial Land Use Records

On Site

A review of the Envirocheck report indicates there are three recorded contemporary trade directories on site. Details for each are below.

- **Charlie's Auto** – Classified as 'Mot testing centre & garage services' and is noted to be inactive.
- **West Coast** – Classified as 'fascias and soffits' and is noted to be inactive.
- **Central Facilities Group** – Classified as 'cleaning services – domestic' and is noted as active.

Off Site

A review of the Envirocheck report indicates there are 17 contemporary trade directories within 250m of the site. Details for the nearest 5 are below.

- **81m North: Crawfords Property Restoration & Cleaning Ltd** – Classified as 'Carpet, Curtain & Upholstery Cleaners' and is noted to be active.
- **117m North: Sanicure Ltd** – Classified as 'Cleaning Services – Domestic' and is noted to be inactive.
- **124m North: Crawfords P R C Ltd** – Classified as 'Carpet, Curtain & Upholstery Cleaners' and is noted to be inactive.
- **131m North: G P R Logistics** – Classified as 'Freight Forwarders' and is noted to be active.
- **131m North: Contract Services Ltd** – Classified as 'Cleaning Services – Commercial' and is noted to be inactive.

2.7 Review of Historical Mapping

Contaminated soils may be present at sites with a history of potentially contaminative land uses and at former landfills. Information on pertinent historical activities that have taken place at the site, or within close proximity of the site, has been obtained from a review of historical maps in the Landmark Envirocheck Report (Ref. 3) presented in Appendix E. The maps reviewed are OS maps covering portions of the local North Somerset County area dating back to 1884. The map scales reviewed are 1:10,000 and 1:2,500.

A summary of the map review is presented in Table 2.2 below.

Table 2.2: Summary of Historical Mapping Review

Date of Mapping	Scale of Mapping	On site Features of Interest	Off site Features of Interest
1884 – 1886	1:2,500	The site appears to be undeveloped land with no discernible features.	Labelled approximately 100m to the northeast are multiple 'Quarries' and 100m to the northwest is 'Worle Tower'.
	1:10,560		The surrounding land use appears to be agricultural fields, orchards, unnamed roads, and small clusters of residential dwellings.
1903	1:2,500	No change.	The 'Quarries' have expanded in size and are now adjacent to the site's north-western boundary.
	1:10,560		Approximately 500m south of the site, the surrounding landscape has been further developed for residential dwellings. 'Old Quarries' are also now labelled 250m to the west.
1931 – 1932	1:2,500	No change.	The 'Quarries' have further expanded in size but remain adjacent to the site's north-western boundary.
	1:10,560		Approximately 250m southwest a 'Quarry' and 'Lime Works' is now present. Approximately 500m south of the site the town of 'Worle' has increased in size, with additional residential properties recorded.
1938 – 1939	1:10,560	No change.	No change.
1962 – 1963	1:10,000	No change.	The Lime Works is no longer present, and the quarry is depicted as 'disused'.

Date of Mapping	Scale of Mapping	On site Features of Interest	Off site Features of Interest
1952 – 1983	1:2,500	The site is now labelled as a 'Limestone Quarry'.	Recorded approximately 100m to the north of the site is a 'Concrete Products Works'.
1983 – 1989	1:10,000	No change.	'Worle Hill' is now depicted on the southern border of the site. From 100m the surrounding landscape has been heavily developed with large numbers of residential properties. Between 500m and 1km north of the site, multiple surface water drains are labelled.
1990	1:10,000	The site is now shown as a 'disused quarry'.	The 'works' approximately between 50 and 100m to the north of the site has been expanded with large buildings depicted. The surrounding landscape remains residential dwellings.
1992	1:2,500	No change.	No change.
1999	1:10,000	No change.	No change.
1999	1:2,500	No change.	The satellite imagery shows a Golf Course adjacent to the western boundary of the site.
2006	1:10,000	No change.	The works to the north of the site appears to have reduced in size.
2022	1:10,000	The site has now been developed with multiple buildings present. The layout on-site is recorded to be the same as it is today.	Unnamed buildings have been developed adjacent to north and east of the site. 'Worlebury Golf Course' is now depicted to the west of the site. The surrounding land use remains developed residential properties.

3 Description of Incident and A+A Site Attendance

3.1 Description of Incident

Following instruction from Lincoln Storm Ltd, A&A attended the site at Unit 9 Worle Quarry following an arson attack. It is understood that on 21st March 2023, fireworks were thrown into the quarry from the top of the quarry wall to the southwest which caused the recycled lithium battery waste stored nearby to catch on fire. The fire was extinguished using approximately 108,000L of firefighting water, which then entered the site’s drainage system. It is unclear at this stage if any of the firefighting water has entered the soakaway and impacted the ground below.

A+A attended site on 19th April 2023 to carry out a preliminary site walkover survey, details of which are below. A+A also visited site on 2nd of May to conduct a drainage survey of the site. Details of the survey are in Appendix C.

3.2 Site Walkover by Environmental Consultant

The description of the site has been produced based upon a review of desk-based information and a site inspection completed on 19th April 2023. A plan showing the current layout of the site is presented in Figure 2. Key site photographs from the site inspection are presented in Appendix B.

Table 3.1: Summary of Site Walkover Survey

Site Walkover Findings	
Site Layout	<p>The site is noted to be irregular in shape and covers an area measuring approximately 1.42 Ha. The site comprises large operational warehouses, storage tents and offices to the south and west of the site; a vehicle parking area to the east; and a large area of open hard standing for storage in the north (Fig 2). The area in the north of the site had numerous piles of waste including broken white goods (fridges, washing machines etc) and broken vehicles. There were also two large static caravans on this section of land. It was not determined if they were in use during the time of the walkover.</p> <p>The site is bound by the limestone quarry walls to the west and south and with metal palisade fencing and heras fencing to the north and east. The boundary fence appears to be in good condition with no obvious signs of damage.</p> <p>The topography of the site is generally flat, with small variations in the centre of the site to account for surface water drainage.</p>
Site Processes/ Operations	<p>At the time of the walkover the site was operating as a recycling plant for lithium batteries. Three warehouses; one to the west, one to the south and one central to the site, were noted to be used for operational purposes. The warehouses were noted to be powered by external generators. The remaining buildings were used for lithium battery storage or as site offices. During the walkover, large bags of recycled battery waste were noted to be stored across the site. It is assumed that this waste is then taken off site and disposed of at an appropriate waste facility, as no on-site waste facilities were noted during the walkover. An area in the north was used for storing large numbers of IBCs which ranged from emptied to half full. It was unclear</p>

Site Walkover Findings	
	during the walkover what was contained in the IBCs.
Buildings & Structures	<p>Multiple buildings and structures were noted during the walkover and are described below and shown on Fig. 2.</p> <p>Tent 1: A large, steel-framed, fire-retardant storage tent central to the site, adjacent to the entrance gates. Appears to be storing lithium batteries and recycled battery products (storm black).</p> <p>Tent 2: Another large fire-retardant storage tent in the southeast of the site, containing boxed lithium batteries and numerous bags of recycled battery waste. The tent has a linear drainage channel on the southern entrance way, which runs into the site’s interceptors. The linear channel is noted to be half full of rubble/dirt but doesn’t appear to be blocked. Beneath Tent 2 is a single chambered, interceptor which feeds into another interceptor toward the west of the site.</p> <p>Tent 3: A large fire-retardant storage tent in the southwest of the site, containing boxed lithium batteries and numerous bags of recycled battery waste. The tent has a linear drainage channel on the southern entrance way, which feeds into an interceptor. Beneath tent 3 is a dual chambered interceptor which feeds into the soakaway near the western boundary.</p> <p>Tent 4: A large fire-retardant storage tent in the north of the site, containing numerous bags of recycled battery waste. The tent has a linear drainage channel on the eastern side. Numerous stockpiled white goods were noted to the west of the tent.</p> <p>Site Office: The site office is a two-storey building with corrugated metal sheeting on the external walls located central to the site. It is noted to have a small kitchen area and toilet facilities on the ground floor, with an office area/meeting room on the first floor.</p> <p>Warehouse 1: A warehouse north of the site office and central on site. It appears to be constructed from steel frames and corrugated metal sheeting. It was reported to be storing lithium batteries and multiple IBCs of unknown content. There was also various operational machinery within the building. Immediately to the south of the building were multiple IBCs and 1-tonne waste bags containing recycled battery material. The warehouse appears to be powered by a diesel generator located immediately to the north of the building.</p> <p>Warehouse 2: Warehouse 2 is located in the west of the site and contained operational machinery used for shredding recycled batteries. The building was reported to have a cinderblock wall along the internal west, north and south wall. The machinery within the building appears to be powered by a diesel generator located to the south of the building.</p> <p>Warehouse 3: Located in the northwest area of the site and is comprised of steel frames and corrugated metal sheeting. During the walkover it was noted to be used for storage of lithium batteries in card boxes, on wooden pallets, as well as recycled battery waste in large waste bags.</p> <p>Warehouse 4: Warehouse 4 is a large building adjoining the site office. It contained</p>

Site Walkover Findings	
	<p>more operational machinery and appeared to be powered by a large diesel generator located to the west of the building. The warehouse had linear drainage channels along the southern and northern entrances, which fed into the site's interceptors.</p> <p>Cabins: To the north of Tent 1, and located centrally on site, were two steel shipping containers which appeared to be used as storage and toilet facilities for site workers/visitors. A small security office was noted to be to the east of these cabins, before the security fencing and coded gates.</p> <p>Additional structures: There were two weighbridges on site; one to the east and one central to the site, near to the site entrance. They appeared to be in good condition with no obvious signs of damage.</p>
Ground Cover & Surfacing	The ground was noted to be predominately hardstanding (90%) with some areas of soft standing gravels around the edge of the site and toward the northern area (10%). The concrete appeared to be in relatively good condition, with some cracks noted toward the northern storage area.
Fuel & Chemical Storage	During the walk over, one plastic, integrally banded fuel tank was noted adjacent to the diesel generator powering Warehouse 4. No other fuel storage was identified at this time. Numerous blue plastic drums on wooden pallets and IBCs were stored outside of the warehouses; however, their contents were not identified during the walkover.
Indicators of Former Structures	None identified.
Indicators of Site History	The surrounding quarry walls were the only indicators of the site's previous use as a limestone quarry. No other structures or features were identified.
Site Drainage	During the walkover several surface water drains and linear drainage channels were noted across the site, which all feed into the on-site interceptors (Fig. 3).

4 Conceptual Site Model

A CSM details contaminant linkages at a site. Once the contaminant linkages are established, an assessment of the risks to identified receptors can then be undertaken to determine whether or not they are unacceptable and require further assessment or remediation.

The CSM detailed below is based on the findings of the initial site walkover and the desk-based research described in Section 2 and 3. Where information is limited or remains unknown at this time, professional judgement has been used to conservatively complete the CSM and risk assessment.

4.1 Contaminant Source

Given the site's historic use, current use and the nature of the incident that has occurred, the following key contaminative sources have been identified:

- Recycled Battery Waste – containing heavy metals.
- Firefighting water – potential to contain PFAAS compounds.
- Diesel Generators – hydrocarbons.
- Fuel storage tanks – hydrocarbons.
- Historic landfill – hydrocarbons, PAHs, heavy metals, asbestos etc.

4.2 Receptors and Pathways

The key receptors and potential pathways identified for the above potential contaminant sources are detailed below.

4.2.1 Human Health

As the site is operational, human health receptors include on-site works and visitors. The potential pathways are via direct dust ingestion and dermal contact, vapour inhalation and ingestion of impacted drinking water. It should be noted, however, that exposure to firefighting water and the historic landfill is unlikely to occur as these substances are not exposed at surface level.

4.2.2 Controlled Waters (Groundwater)

The site is underlain by a Principal Aquifer. It is unclear at this stage if an impact to groundwater has occurred from the incident; therefore, a risk to groundwater from lateral and vertical migration of dissolved phase contaminants is considered for the purpose of this assessment.

4.2.3 Controlled Waters (Surface Water)

Given the distance to the nearest surface water feature, no surface water receptors have been identified at this time.

4.2.4 Buildings and Infrastructure

Given the commercial nature of on-site buildings and structure and the absence of sensitive / listed buildings on-site, no building and infrastructure receptors have been identified at this time.

4.2.5 Ecologically Sensitive Sites

Given the distance to the nearest ecologically sensitive site and the site's lower elevation, no ecology receptors have been identified at this time.

4.3 Summary Table

Table 4.1 below summarises the conceptual site model and qualitative risk assessment undertaken for the site.

Table 4.1: Initial Conceptual Site Model and Qualitative Risk Assessment

Contaminant Source	Receptor	Pathway	Associated Hazard (Severity)	Likelihood of Occurrence	Potential Risk of Harm or Significant Impacts
Recycled Battery Waste – released during the fire incident	Human Health (on-site workers/visitors)	Direct dust ingestion and dermal contact, vapour inhalation and ingestion of impacted drinking water.	Mild	Unlikely	Very Low Risk – The fire incident was controlled with firefighting water which would have covered much of the area, preventing dust from forming. Most of the contamination would have been washed into the drainage system. During operational processes, workers wear mandatory PPE. The waste generated is put into large bags which are then covered, mitigating the risk of contaminant migration.
	Groundwater (Principal Aquifer)	Vertical & lateral migration of dissolved phase contaminants	Severe	Likely	High Risk – Approximately 108,000L of water was used to extinguish the fire on site. It is unknown at this stage how much of this water may have entered the environment through the site’s drainage system and soft standing areas around the site boundary. The site also sits on a Principal Aquifer, which has a high vulnerability.
Firefighting water (PFAAS)	Human Health (on-site workers/visitors)	Direct dermal contact and ingestion of impacted drinking water.	Medium	Unlikely	Low Risk - As the waste water from the fire entered surface water drainage and shallow soft ground around the periphery of the site the likelihood of contact is considered to be low. In addition, due to the likely high dilution of PFAAS chemical within water used to extinguish the fire, the severity is considered to be less than that if concentrated chemicals were on-site.
	Groundwater (Principal Aquifer)	Vertical & lateral migration of dissolved phase contaminants	Severe	Likely	High Risk – Approximately 108,000L of water was used to extinguish the fire on site. It is unknown at this stage how much of this water may have entered the environment through the site’s drainage system and soft standing areas around the site boundary. The site also sits on a Principal Aquifer, which has a high vulnerability.

Table 4.1: Initial Conceptual Site Model and Qualitative Risk Assessment

Contaminant Source	Receptor	Pathway	Associated Hazard (Severity)	Likelihood of Occurrence	Potential Risk of Harm or Significant Impacts
Diesel generator / Diesel storage tanks	Human Health (on-site workers/visitors)	Direct dermal contact, vapour inhalation.	Mild	Unlikely	Very Low risk – There was no evidence of staining or leaks from the generators and the storage tank was integrally banded. It showed no evidence of damage or leaks. It is considered that impact would only occur during inspections / maintenance, during which the appropriate PPE should be in place to mitigate risk.
	Groundwater (Principal Aquifer)	Vertical & lateral migration of dissolved phase / free phase contaminants	Severe	Unlikely	Low – There was no evidence of staining or leaks from the generators and the storage tank was integrally banded. It showed no evidence of damage or leaks. Given there is suitable hardstanding in reasonable conditions and drainage to capture surface run-off on-site the likelihood of impact is considered to be low.
Historical Landfills (on-site)	Human Health (on-site workers/visitors)	Direct dust ingestion and dermal contact, vapour inhalation and ingestion of impacted drinking water.	Medium	Very Unlikely	No Risk – The site has site been levelled and covered in hard standing which would mitigate dust generation and break the pathway for direct contact of contaminants.
	Groundwater (Principal Aquifer)	Vertical & lateral migration of dissolved phase / free phase contaminants	Severe	Likely	High Risk – Anecdotal information suggests substantial thickness of landfill below the site which may have leached contaminants into the groundwater below the site causing elevated background concentrations of contamination.

5 Conclusions

On 31st March 2023, A+A was instructed to attend the site at Unit 9 Worle Quarry following an arson attack from fireworks, which set fire to multiple bags of recycled lithium battery waste. Approximately 108,000L of firefighting water was used to extinguish the fire, which subsequently entered the sites drainage system. It is unclear at this stage if there has been an impact to groundwater.

A CSM has been produced to identify possible contaminant linkages and a preliminary risk assessment. A very low to low risk has been identified for human health receptors relating to the incident, the site's current use and the site's history.

A high risk to controlled waters (groundwater) via vertical and lateral migration of dissolve phase contaminants has been identified due to the nature of the incident. It is noted that the site has a history of landfill use which is unrelated to the client and the site's current use. This historical land use has the potential to cause large quantities of background contamination which will be considered in the next phase of work. No other risks have been identified in relation to the incident at Unit 9 Worle Quarry.

6 Recommendations

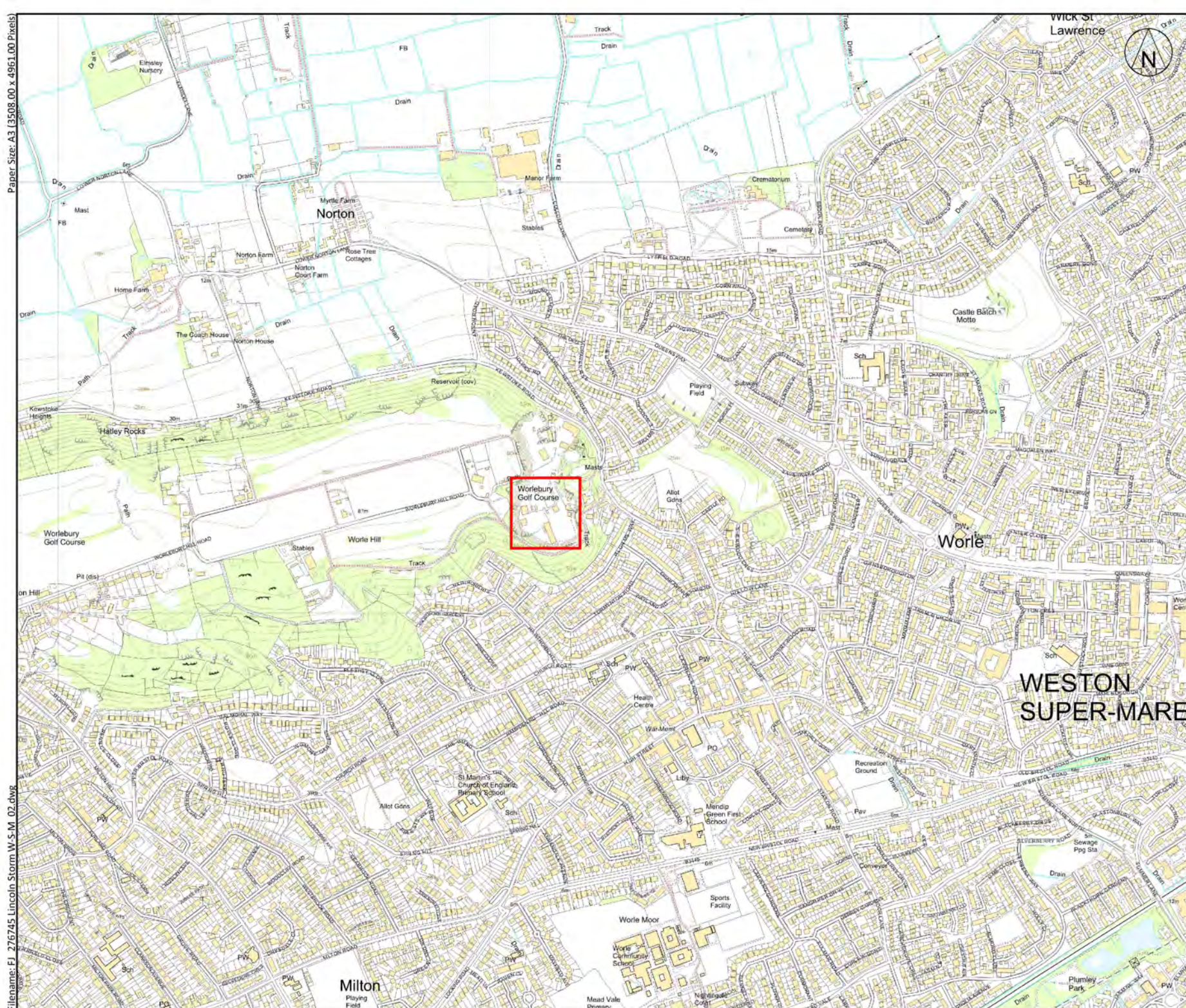
As a high risk to groundwater has been identified from the incident on site, it is recommended that further investigation of sub-surface conditions and groundwater is carried out. The investigation should comprise a minimum of one borehole to be drilled to strike groundwater. A monitoring well is to be installed to facilitate groundwater sampling.

If groundwater is encountered, it is recommended that the borehole is monitored and sampled under low flow conditions across three separate occasions. If gross contamination is found pertaining to the incident, in-situ chemical remediation of the aquifer should be implemented as soon as possible and if necessary, additional boreholes should be considered to delineate the contamination plume and further monitor the groundwater conditions across the site.

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8. Her Majesty's Stationery Office, Department of Environment: 1990: Environmental Protection Act, Part IIA.

Figure 1 – Site Location Plan



Legend: ■ Site Location

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Project:
WESTON SUPER MARE

Drawing Title:
FIGURE 1. SITE LOCATION PLAN

Job Number:
FJ_276745

Scale:	Drawn by:	Date:	Consultant:	Phase:	Revision:
NTS	AMP	03/05/2023	VW	n/a	1


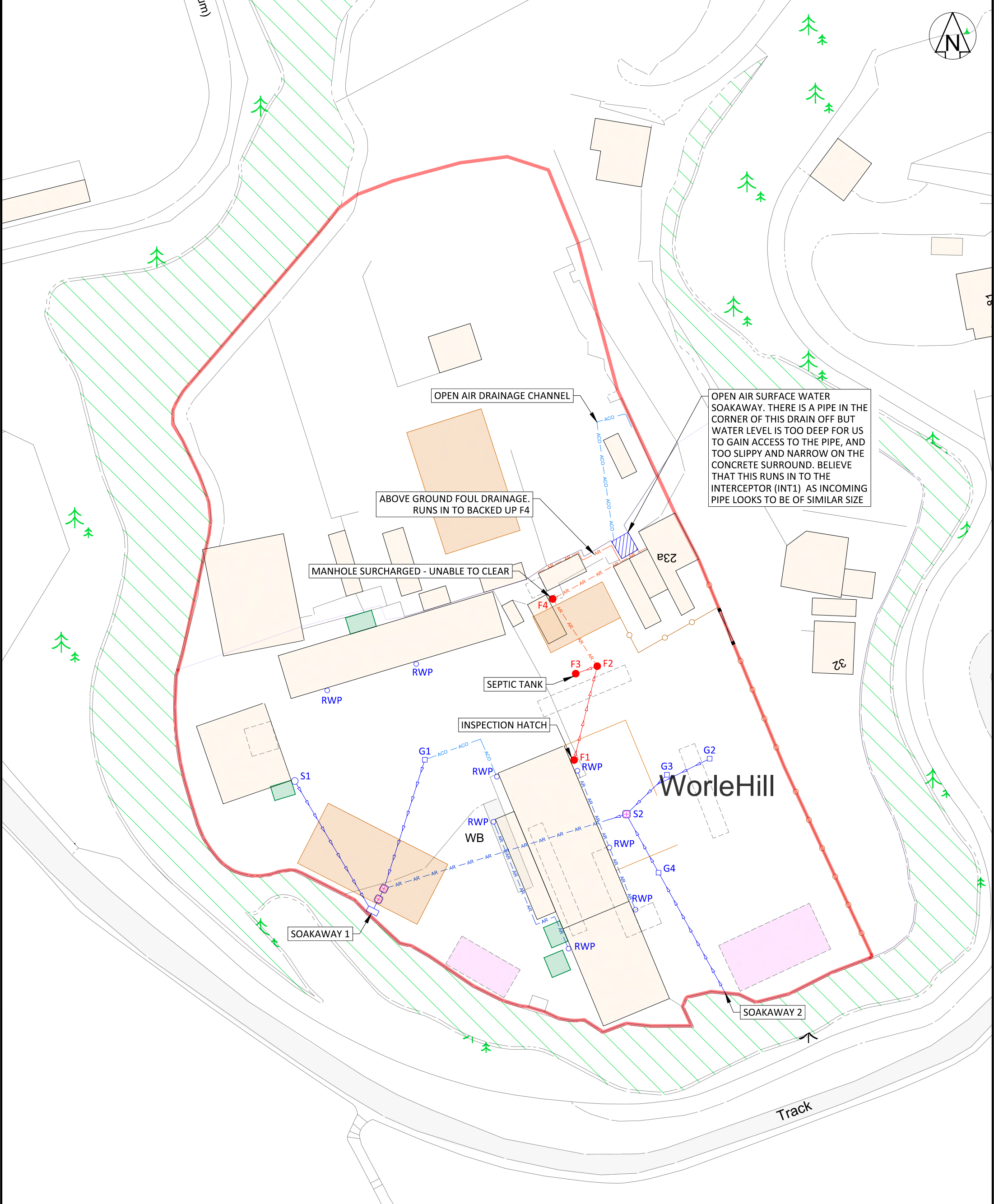
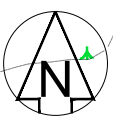

Adler & Allan
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 0800 592 827
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Figure 2 – Site Layout Plan

Figure 3 – Site Drainage Plan



OPEN AIR SURFACE WATER SOAKAWAY. THERE IS A PIPE IN THE CORNER OF THIS DRAIN OFF BUT WATER LEVEL IS TOO DEEP FOR US TO GAIN ACCESS TO THE PIPE, AND TOO SLIPPY AND NARROW ON THE CONCRETE SURROUND. BELIEVE THAT THIS RUNS IN TO THE INTERCEPTOR (INT1) AS INCOMING PIPE LOOKS TO BE OF SIMILAR SIZE

ABOVE GROUND FOUL DRAINAGE. RUNS IN TO BACKED UP F4

MANHOLE SURCHARGED - UNABLE TO CLEAR

SEPTIC TANK

INSPECTION HATCH

SOAKAWAY 1

SOAKAWAY 2

Worle Hill

Track

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Legend

- :Foul MH
- :Combined MH
- :Surface Water MH
- ⊕ :Interceptor
- ▶ :Foul Drain
- ▶ :Combined Drain
- ▶ :Surface Water Drain
- ACO — :ACO Drain

ABBREVIATIONS

AR	Assumed Route	RG	Road Gully
CP	Catch Pit	S/A	Soakaway
D/C	Drainage Channel	SP	Soil Pipe
DP	Down Pipe	SVP	Soil Vent Pipe
G	Gully	UTL	Unable to Locate
G/R	Gully Run	UTR	Unable to Raise
IC	Inspection Cover	UTS	Unable to Survey
INT	Interceptor	UTT	Unable to Trace
MH	Manhole Cover	VR	Vapour Recovery
NRV	Non Return Valve	VP	Vent Pipe
NPV	No Pipes Visible	WP	Waste Pipe
RWP	Rain Water Pipe	YG	Yard Gully
RE	Rodding Eye	∅	Pipe Diameter

Project: WESTON SUPER MARE

Drawing Title: FIGURE 3. DRAINAGE PLAN

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Job Number:		FJ_276745	
Scale:	Drawn by:	Date:	06/06/2023
NTS	AMP	Consultant:	VW
Phase:	n/a	Revision:	1

NOTE: ALL RAINWATER DOWN PIPES GO TO GROUND AND DRAIN IN TO THE GULLYS/ACOS

Appendix A – Qualitative Risk Assessment Methodology

Qualitative Risk Assessment Methodology

Introduction

The approach to preliminary risk assessment described in this appendix is based on the Construction Industry Research and Information Association (CIRIA) publication C552 “Contaminated Land Risk Assessment – A Guide to Good Practice”. The CIRIA guide distinguishes between the processes of;

- Risk estimation - process of estimating risk that defined receptors will suffer harm.
- Risk evaluation - process of evaluating the need for risk management action, with regard to magnitude of risks the level of uncertainty and, if remedial action is needed the objectives and broad costs and benefits.

At Phase 1 (Preliminary Risk Assessment) the risk estimation takes the form of a qualitative risk assessment, which is entirely based on the conceptual model for the site. The methodology used herein differs from that presented in the CIRIA guide, particularly in terms of the definitions of classification of consequence, which include a consideration of immediacy of hazards.

The key to the classification is that the estimation of risk is based upon the consideration of both;

- the magnitude of the potential consequence (i.e. severity).
[takes into account both the potential severity of the hazard and the sensitivity of the receptor]
- the magnitude of probability (i.e. likelihood)
[takes into account both the presence of the hazard and receptor and the integrity of the pathway]

Definitions

Hazard:	A property or situation which in certain circumstances could lead to harm. [The properties of different hazards must be assessed in relation to their potential to affect the various different receptors]
Risk:	A combination of the probability or frequency of the occurrences of a defined hazard AND the magnitude of the consequences of that occurrence.
Probability:	The mathematical expression of the chance of a particular event in a given period of time [e.g. probability of 0.2 is equivalent to 20% or a 1 in 5 chance].
Likelihood:	Probability; the state or fact of being likely.
Consequences:	The adverse effects (or harm) arising from a defined hazard which impairs the quality of the environment or human health in the short or longer term.

Pollution linkage: An identified pathway which is capable of exposing a receptor to a contaminant and that contaminant is capable of harming the receptor.

Classification of Consequence

Classification	Definition	Examples
Severe	<p>Highly elevated concentrations likely to result in “significant harm” to human health as defined by the EPA 1990, Part IIA, if exposure occurs.</p> <p>Equivalent to EA Category 1 pollution incident including persistent and/or extensive effects on water quality; leading to closure of a potable abstraction point; major impact on amenity value or major damage to agriculture or commerce.</p> <p>Major damage to aquatic or other ecosystems, which is likely to result in a substantial adverse change in its functioning or harm to a species of special interest that endangers the long term maintenance of the population. Catastrophic damage to crops, buildings or property.</p>	<p>Significant harm to humans is defined in circular 01/2006 as death, disease**, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Major fish kill in surface water from large spillage of contaminants from site. Highly elevated concentrations of List I and II substances present in groundwater close to small potable abstraction (high sensitivity).</p> <p>Explosion, causing building collapse (can also equate to immediate human health risk if buildings are occupied)</p>
Medium	<p>Elevated concentrations which could result in “significant harm” to human health as defined by the EPA 1990, Part IIA if exposure occurs.</p> <p>Equivalent to EA Category 2 pollution incident including significant effect on water quality; notification required to abstractors; reduction in amenity value or significant damage to agriculture or commerce. Significant damage to aquatic or other ecosystems, which may result in a substantial adverse change in its functioning or harm to a species of special interest that may endanger the long term maintenance of the population.</p>	<p>Significant harm to humans is defined in circular 02/2000 as death, disease*, serious injury, genetic mutation, birth defects or the impairment of reproductive functions. Damage to building rendering it unsafe to occupy e.g. foundation damage resulting in instability. Ingress of contaminants through plastic potable water pipes.</p>

	Significant damage to crops, buildings or property.	
Mild	<p>Exposure to human health unlikely to lead to “significant harm”.</p> <p>Equivalent to EA Category 3 pollution incident including minimal or short lived effect on water quality; marginal effect on amenity value, agriculture or commerce.</p> <p>Minor or short lived damage to aquatic or other ecosystems, which is unlikely to result in a substantial adverse change in its functioning or harm to a species of special interest that would endanger the long term maintenance of the population.</p> <p>Minor damage to crops, buildings or property.</p>	<p>Exposure could lead to slight short term effects (e.g. mild skin rash).</p> <p>Surface spalling of concrete.</p>
Minor	<p>No measurable effect on humans.</p> <p>Equivalent to insubstantial pollution incident with no observed effect on water quality or ecosystems.</p> <p>Repairable effects of damage to buildings, structures and services.</p>	<p>The loss of plants in a landscaping scheme. Discoloration of concrete.</p>

*For these purposes, disease is to be taken to mean an unhealthy condition of the body or a part of it and can include, for example, cancer, liver dysfunction or extensive skin ailments. Mental dysfunction is included only insofar as it is attributable to the effects of a pollutant on the body of the person concerned.

Classification of Probability

Category	Definition	Examples
High likelihood	Clear pollution linkage(s) present at the site and an event would appear very likely in the short term and almost inevitable over the long term; or there is evidence at the receptor of harm or pollution.	<p>a) Elevated concentrations of toxic contaminants are present in soils in the top 0.5m in a residential garden.</p> <p>b) Ground/groundwater contamination could be present from chemical works, containing a number of USTs, having been in operation on the same site for over 50 years.</p>
Likely	There is pollution linkage and all the elements are present and in the right place which means that it is probable that an event will occur. Circumstances are such that an event is not inevitable, but possible in the short term and likely over the long term.	<p>a) Elevated concentrations of toxic contaminants are present in soils at depths of 0.5-1.0m in a residential garden, or the top 0.5m in public open space.</p> <p>b) Ground/ground water contamination could be present from an industrial site containing a UST present between 1970 and 1990. The tank is known to be single skin. There is no evidence of leakage although there are no records of integrity tests.</p>
Low likelihood	There is pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a long period such an event would take place, and is less likely in the shorter term.	<p>a) Elevated concentrations of toxic contaminants are present in soils at depths >1m in a residential garden, or 0.5-1.0m in public open space.</p> <p>b) Ground/ ground water contamination could be present on a light industrial' unit constructed in the 1990s containing a UST in operation over the last 10 years – the tank is double skinned but there is no integrity testing or evidence of leakage.</p>
Unlikely	There is pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.	<p>a) Elevated concentrations of toxic contaminants are present below hardstanding.</p> <p>b) Light industrial unit <10 yrs old containing a double-skinned UST with annual integrity testing results available.</p>

Note: A contaminant linkage must first be established before probability is classified. If there is no pollution linkage then there is no potential risk. If there is no pollution linkage then there is no need to apply tests for probability and consequence. For example if there is surface contamination and a major aquifer is present at depth, but this major aquifer is overlain by an aquiclude of significant thickness then there is no pollution linkage and the risks to the major aquifer are not assessed. The report should identify both the source and the receptor but state that because there is no linkage there are no potential risks.

Classification of Risk

		Consequence			
		Severe	Medium	Mild	Minor
Probability (Likelihood)	High likelihood	Very high risk	High risk	Moderate risk	Low risk
	Likely	High risk	Moderate risk	Moderate/Low risk	Low risk
	Low likelihood	Moderate risk	Moderate/low risk	Low risk	Very low risk
	Unlikely	Moderate/low risk	Low risk	Very low risk	Very low risk

Description of the Classified Risks

Very high risk

There is a high probability that severe harm could arise to a designated receptor from an identified hazard at the site without remedial action, OR there is evidence that severe harm to a designated receptor is already occurring. Realisation of that risk is likely to present a substantial liability to the polluter or site owner/ occupier. Investigation is required as a matter of urgency and remedial works likely to follow in the short term.

High risk

Harm is likely to arise to a designated receptor from an identified hazard at the site without remedial action. Realisation of the risk is likely to present a substantial liability to the polluter or site owner/ occupier. Investigation is required as a matter of urgency to clarify the risk. Remedial works may be necessary in the short term and are likely over the longer term.

Moderate risk

It is possible that harm could arise to a designated receptor from an identified hazard. However, it is relatively unlikely that any such harm would be severe, and if any harm were to occur it is more likely that the harm would be relatively mild. Further investigative work is normally required to clarify the risk and to determine the potential liability to the polluter or site owner/occupier. Some remedial works may be required in the longer term.

Low risk

It is possible that harm could arise to a designated receptor from identified hazard, but it is likely at worst, that this harm if realised would normally be mild. It is unlikely that the polluter or site owner/ occupier would face substantial liabilities from such a risk. Further investigative work (which is likely to be limited) to clarify the risk may be required. Any subsequent remedial works are likely to be relatively limited.

Very Low risk

There is a low possibility that harm could arise to a designated receptor, but it is likely at worst, that this harm if realised would be mild or minor.

Appendix B – Site Photographs

Figure Reference:	1	Description:	View of entrance looking west
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Figure Reference:	2	Description:	Access road into site facing north
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Figure Reference:	3	Description:	Sites vehicle parking area
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Figure Reference:	4	Description:	View looking inside sites soakaway, west of site
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Figure Reference:	5	Description:	View of tent 2 with interceptor and warehouse 4, looking north
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Figure Reference:	6	Description:	Stockpiled bags of recycled battery material outside tent 2
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Figure Reference:	7	Description:	View looking west with tent 2, site offices, warehouse 2 and weighbridge
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Figure Reference:	8	Description:	View of security gate and scarring in the ground. Noted poor condition of concrete.
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Figure Reference:	9	Description:	View of tent 1 storing lithium batteries.
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Figure Reference:	10	Description:	Septic Tank
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Figure Reference:	11	Description:	View of warehouse 1 facing northwest
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Figure Reference:	12	Description:	View of metal cabins on site, near to main entrance
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Figure Reference:	13	Description:	View of open-air surface water soakaway
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Figure Reference:	14	Description:	Inside warehouse 1 with bulk storage and operational machinery
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Figure Reference:	15	Description:	View of bags of recycled battery material stored on site
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Figure Reference:

16

Description:

View of linear drainage channel central to site



Figure Reference:	17	Description:	View of warehouse 2. Drums storing product known as "Ampte power", which has since been removed from site.
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Figure Reference:	18	Description:	Warehouse 3 used for storing recycled battery material and lithium batteries.
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Figure Reference:

19

Description:

Large diesel generator which powers warehouse 1



Figure Reference:	20	Description:	Generator powering warehouse 2
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Figure Reference:	21	Description:	Poor condition of concrete, near to warehouse 2
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Figure Reference:	22	Description:	Tent 3 containing lithium batteries and recycled material and interceptor 1.
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Figure Reference:	22	Description:	Area for waste storage. Skips containing shredded material.
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Appendix C – Drainage Survey



Project

Project Name: FJ00277624 WORLE QUARRY STORM ENERGIA
Project Description: CCTV
Project Number: FJ00277264
Project Status: Complete
Project Date: 02/05/2023
Inspection Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

Project Information

Project Name	Project Number	Project Date
FJ00277624 WORLE QUARRY STORM ENERGIA	FJ00277264	02/05/2023

Client

Company: OHES
Description: -
Contact: VICKY WARREN
Department: SENIOR ENVIRONMENATL CONSULTANT
Street: -
Town or City: --
County: -
Post Code: -
Phone: -
Fax: -
Mobile: -
Email: Vicky.Warren@ohes.co.uk

Site

Company: STORM ENERGIA
Description: -
Contact: -
Department: -
Street: WORLE QUARRY
Town or City: WESTON-SUPER-MARE
County: -
Post Code: BS22 9LF
Phone: -
Fax: -
Mobile: -
Email: -

Contractor

Company: ONELINE
Description: -
Contact: CHARLIE PURVIS
Department: CCTV
Street: FOXMOOR BUSINESS PARK
Town or City: WELLINGTON
County: SOMERSET
Post Code: TA219RF
Phone: 01823 461001
Fax: -
Mobile: -
Email: info@onelinesurveys.co.uk

Scoring Summary

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277264	Project Date 02/05/2023
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Structural Defects

- Grade 3: Best practice suggests consideration should be given to repairs in the medium term.
- Grade 4: Best practice suggests consideration should be given to repairs to avoid a potential collapse.
- Grade 5: Best practice suggests that this pipe is at risk of collapse at any time. Urgent consideration should be given to repairs to avoid total failure.

Section	PLR	Grade	Description
5	G1X	3	Deformed sewer or drain, 20%, finish

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
5	G1X	4	Deformed sewer or drain, 20%, finish
7	G3X	3	Settled deposits, fine, 10% cross-sectional area loss, finish
8	G4X	3	Settled deposits, coarse, 10% cross-sectional area loss, finish
9	G4X	3	Settled deposits, coarse, 5% cross-sectional area loss, finish
10	S1X	4	Settled deposits, coarse, 20% cross-sectional area loss, finish

Abandoned Surveys

Section	PLR	Description
1	S2X	Survey abandoned
4	F4X	Survey abandoned
10	S1X	Survey abandoned

Information

These scoring summaries are based on the SRM grading from the WRc.

Section Profile

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277264	Project Date 02/05/2023
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Circular, 100 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
2	F1	F2	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	17.92 m	17.92 m
3	F2	F3	10/05/2023	STORM ENERGIA WORLE QUARRY	Cast iron	1.15 m	1.15 m
4	F4	F2	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	3.26 m	3.26 m

Total: 3 Inspections x Circular 100 mm = 22.33 m Total Length and 22.33 m Inspected Length

Circular, 150 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
5	G1	INT1	10/05/2023	STORM ENERGIA WORLE QUARRY	Pitch fibre	19.96 m	19.96 m
6	G2	MAIN	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	5.00 m	5.00 m
7	G3	S2	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	16.08 m	16.08 m
8	G4	S2	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	8.12 m	8.12 m
9	G4	SOAKAWAY2	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	25.75 m	25.75 m
10	S1	SOAKAWAY1	10/05/2023	STORM ENERGIA WORLE QUARRY	Polyvinyl chloride	14.58 m	14.58 m

Total: 6 Inspections x Circular 150 mm = 89.49 m Total Length and 89.49 m Inspected Length

Circular, 225 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	S2	INT1	02/05/2023	STORM ENERGIA WORLE QUARRY	Vitrified clay	1.27 m	1.27 m

Total: 1 Inspection x Circular 225 mm = 1.27 m Total Length and 1.27 m Inspected Length

Total: 10 Inspections = 113.09 m Total Length and 113.09 m Inspected Length

Project Summary

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277624	Project Date 02/05/2023
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Pipe Summary

No.	Type	PLR	Upstream Node	Downstream Node	Road	Town	Use	Mat.	Profile	Length
1	SEC	S2X	S2	INT1	Storm Energia Worle Quarry	Worle	S	VC	Circular 225mm	1.27 m
2	SEC	F1X	F1	F2	Storm Energia Worle Quarry	Worle	F	PVC	Circular 100mm	17.92 m
3	SEC	F2X	F2	F3	Storm Energia Worle Quarry	Worle	F	CI	Circular 100mm	1.15 m
4	SEC	F4X	F4	F2	Storm Energia Worle Quarry	Worle	F	PVC	Circular 100mm	3.26 m
5	SEC	G1X	G1	INT1	Storm Energia Worle Quarry	Worle	S	PF	Circular 150mm	19.96 m
6	SEC	G2X	G2	MAIN	Storm Energia Worle Quarry	Worle	S	PVC	Circular 150mm	5.00 m
7	SEC	G3X	G3	S2	Storm Energia Worle Quarry	Worle	S	PVC	Circular 150mm	16.08 m
8	SEC	G4X	G4	S2	Storm Energia Worle Quarry	Worle	S	PVC	Circular 150mm	8.12 m
9	SEC	G4X	G4	SOAKAWAY2	Storm Energia Worle Quarry	Worle	S	PVC	Circular 150mm	25.75 m
10	SEC	S1X	S1	SOAKAWAY1	Storm Energia Worle Quarry	Worle	S	PVC	Circular 150mm	14.58 m
Total:										113.09 m

Pipe Levels

No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
1	S2X	S2			0.000 m	INT1			0.000 m
2	F1X	F1			0.000 m	F2			0.000 m
3	F2X	F2			0.000 m	F3			0.000 m
4	F4X	F4			0.000 m	F2			0.000 m
5	G1X	G1			0.000 m	INT1			0.000 m
6	G2X	G2			0.000 m	MAIN			0.000 m

Project Summary

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277624	Project Date 02/05/2023
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No.	PLR	Upstream Node	Upstream C.L.	Upstream I.L.	Upstream I.D.	Downstream Node	Downstream C.L.	Downstream I.L.	Downstream I.D.
7	G3X	G3			0.000 m	S2			0.000 m
8	G4X	G4			0.000 m	S2			0.000 m
9	G4X	G4			0.000 m	SOAKAWAY2			0.000 m
10	S1X	S1			0.000 m	SOAKAWAY1			0.000 m

Pipe Summary by Profile

Profile	Total Length	No. Pipes
Circular 100mm	17.92 m	
Circular 100mm	1.15 m	
Circular 100mm	3.26 m	
Circular 100mm =	22.33 m	3
Circular 150mm	19.96 m	
Circular 150mm	5.00 m	
Circular 150mm	16.08 m	
Circular 150mm	8.12 m	
Circular 150mm	25.75 m	
Circular 150mm	14.58 m	
Circular 150mm =	89.49 m	6
Circular 225mm	1.27 m	
Circular 225mm =	1.27 m	1
Total =	113.09 m	10

Inspection Summary

Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
1	1	S2	INT1	DS	Cp	02/05/2023	15:24	1	1	SA, LOSS OF TRACTION	1.27 m
2	1	F1	F2	DS	Cp	10/05/2023	15:29	1	1	MHF	17.92 m
3	1	F2	F3	DS	Cp	10/05/2023	15:28	1	1	OFF, SEPTIC TANK	1.15 m
4	1	F4	F2	US	Cp	10/05/2023	15:28	1	1	SA, UNABLE TO PUSH FURTHER	3.26 m
5	1	G1	INT1	DS	Cp	10/05/2023	15:30	3	5	OSF	19.96 m
6	1	G2	MAIN	DS	Cp	10/05/2023	15:29	1	1	BRF	5.00 m
7	1	G3	S2	DS	Cp	10/05/2023	15:29	1	3	CPF	16.08 m

Project Summary

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277624	Project Date 02/05/2023
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Pipe No.	Insp. No.	Upstream Node	Downstream Node	Dir.	Operator	Insp. Date	Insp. Time	Str	Ser	Final Observation	Length
8	1	G4	S2	DS	Cp	10/05/2023	15:29	1	3	CPF	8.12 m
9	1	G4	SOAKAWAY2	DS	Cp	10/05/2023	15:29	1	3	SKF	25.75 m
10	1	S1	SOAKAWAY1	DS	Cp	10/05/2023	15:30	1	4	SA, UNABLE TO PUSH FURTHER	14.58 m
Total:											113.09 m

Inspection Summary by Profile

Profile	Total Length	No. Inspections
Circular 100mm	17.92 m	
Circular 100mm	1.15 m	
Circular 100mm	3.26 m	
Circular 100mm =	22.33 m	3
Circular 150mm	19.96 m	
Circular 150mm	5.00 m	
Circular 150mm	16.08 m	
Circular 150mm	8.12 m	
Circular 150mm	25.75 m	
Circular 150mm	14.58 m	
Circular 150mm =	89.49 m	6
Circular 225mm	1.27 m	
Circular 225mm =	1.27 m	1
Total =	113.09 m	10

Project Summary

Project Name FJ00277624 WORLE QUARRY STORM ENERGIA	Project Number FJ00277624	Project Date 02/05/2023
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Defect Summary				CCTV Drainage Survey Observation Count																				
				General				Structural Condition								Service Condition								
Sect. No.	Insp. No.	Upstream Node	Downstream Node	Insp. Length (m)	No. Grade 4/5 Obs.	Survey Abandoned	Camera Under Water	Cracks	Fractures	Broken	Deformed	Collapsed	Holes	Surface Damage	Displaced Joints	Open Joints	Roots	Infiltration	Encrustation	Silt	Grease	Obstruction	Water Level	Line Deviates
1	1	S2	INT1	1.3		1																	1	
2	1	F1	F2	17.9																			2	1
3	1	F2	F3	1.2																			1	
4	1	F4	F2	3.3		1	1															2		
5	1	G1	INT1	20.0	1						3												2	
6	1	G2	MAIN	5.0																			2	
7	1	G3	S2	16.1																2			1	
8	1	G4	S2	8.1																			1	
9	1	G4	SOAKAWAY2	25.8																			1	
10	1	S1	SOAKAWAY1	14.6		1																	1	
Total:				113.1	1	3	1													2			14	1

Section Inspection - 02/05/2023 - S2X

Item No. 1	Insp. No. 1	Date 02/05/23	Time 15:24	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR S2X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	S2
Road:	Storm Energia Worle Quarry	Inspected Length:	1.27 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.27 m	Downstream Node:	INT1
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular	Dia/Height:	225 mm
Type of Pipe:	Gravity drain/sewer	Material:	Vitrified clay	Lining Type:	No Lining
Flow Control:	No flow control	Lining Material:	No Lining		
Year Constructed:	Not Specified				
Inspection Purpose:	Sample condition survey				

Comments:
Recommendations: None

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	CP	Start node, catchpit, reference: S2	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03		
		1.27	REM	General remark: UNABLE TO GET ENOUGH GRIP TO DRIVE THROUGH PIPE	00:03:32		
		1.27	SA	Survey abandoned: LOSS OF TRACTION	00:03:33		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 10/05/2023 - F1X

Item No. 2	Insp. No. 1	Date 10/05/23	Time 15:29	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR F1X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	F1
Road:	Storm Energia Worle Quarry	Inspected Length:	17.92 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	17.92 m	Downstream Node:	F2
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:155	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	IC	Start node, inspection chamber, reference: F1: SCREW HATCH ABOVE GROUND	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:11		
		0.67	CN	Connection other than junction at 12 o'clock, 25mm dia	00:00:14		
		2.48	LR	Line deviates right	00:00:25		
		9.79	WL	Water level, 10% of the vertical dimension	00:01:01		
		17.92	MHF	Finish node, manhole, reference: F2	00:01:38		

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 10/05/2023 - F2X

Item No. 3	Insp. No. 1	Date 10/05/23	Time 15:28	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR F2X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	F2
Road:	Storm Energia Worle Quarry	Inspected Length:	1.15 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	1.15 m	Downstream Node:	F3
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Cast iron		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
	0.00	MH	Start node, manhole, reference: F2	00:00:00			
	0.00	WL	Water level, 5% of the vertical dimension	00:00:00			
	1.15	OFF	Finish node, outfall, reference: F3: SEPTIC TANK	00:00:46			

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 10/05/2023 - F4X

Item No. 4	Insp. No. 1	Date 10/05/23	Time 15:28	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR F4X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Upstream	Upstream Node:	F4
Road:	Storm Energia Worle Quarry	Inspected Length:	3.26 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	3.26 m	Downstream Node:	F2
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Foul	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	100 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

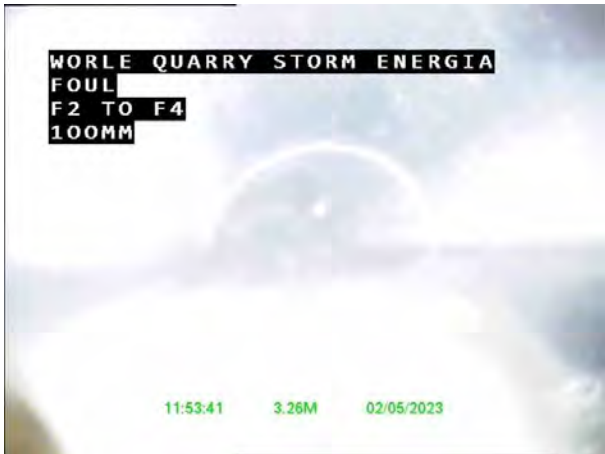
Comments:
Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	MH	Start node, manhole, reference: F2	00:00:00		
		0.00	WL	Water level, 20% of the vertical dimension	00:00:03		
		2.30	CUW	Loss of vision, camera under water	00:00:22		
		2.60	WL	Water level, 50% of the vertical dimension	00:01:25		
		3.26	GP	General photograph taken at this point: SUSPECTED BLOCKAGE AHEAD	00:02:14	FJ002776_24_STOR_M	
		3.26	REM	General remark: LINE APPEARS TO BE BLOCKED AHEAD. WAS UNABLE TO CLEAR WITH PUSHROD AND IS CAUSING MH F4 TO SURCHARGE	00:02:20	FJ002776_24_STOR_M	
		3.26	SA	Survey abandoned: UNABLE TO PUSH FURTHER	00:02:32		

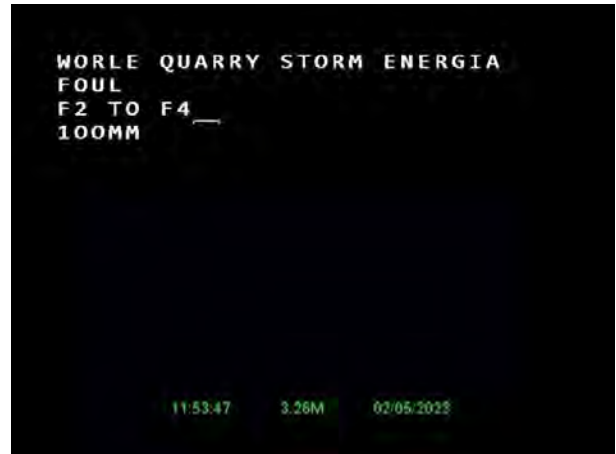
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 10/05/2023 - F4X

Item No. 4	Inspection Direction Upstream	PLR F4X	Client's Job Ref FJ00277624	Contractor's Job Ref FJ00277624
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FJ00277624_STORM ENERGIA WORLE QUARRY_WORLE_4_001.jpg, 00:02:14, 3.26 m
 General photograph taken at this point, SUSPECTED



FJ00277624_STORM ENERGIA WORLE QUARRY_WORLE_4_002.jpg, 00:02:20, 3.26 m
 General remark, LINE APPEARS TO BE BLOCKED AHEAD.

Section Inspection - 10/05/2023 - G1X

Item No. 5	Insp. No. 1	Date 10/05/23	Time 15:30	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR G1X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village: Worle	Inspection Direction: Downstream	Upstream Node: G1
Road: Storm Energia Worle Quarry	Inspected Length: 19.96 m	Upstream Pipe Depth:
Location: Property or buildings	Total Length: 19.96 m	Downstream Node: INT1
Surface Type:	Joint Length: 3.00 m	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Flow Control: No flow control	Material: Pitch fibre	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample condition survey	Lining Material: No Lining	

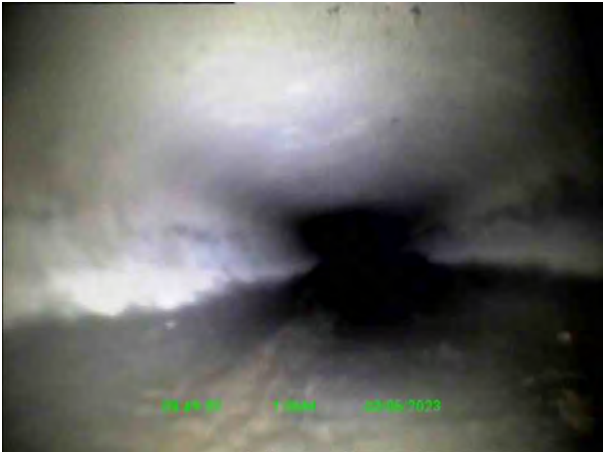
Comments:
Recommendations:

Scale:	1:173	Position [m]	Code	Observation	MPEG	Photo	Grade																																										
<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="text-align: center;">Depth: m</p> <p style="text-align: center;">G1</p> <p style="text-align: center;">INT1</p> <p style="text-align: center;">Depth: m</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;">GY</td> <td style="width: 40%;">Start node, gully, reference: G1</td> <td style="width: 10%;">00:00:00</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension</td> <td>00:00:01</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">0.20</td> <td>S01</td> <td>Deformed sewer or drain, 20%, start</td> <td>00:00:12</td> <td>FJ002776 24_STOR M</td> <td></td> </tr> <tr> <td style="text-align: right;">6.43</td> <td>F01</td> <td>Deformed sewer or drain, 20%, finish</td> <td>00:00:49</td> <td></td> <td>3 / 4</td> </tr> <tr> <td style="text-align: right;">17.57</td> <td>D</td> <td>Deformed sewer or drain, 10%</td> <td>00:01:44</td> <td>FJ002776 24_STOR M</td> <td>2 / 3</td> </tr> <tr> <td style="text-align: right;">18.67</td> <td>WL</td> <td>Water level, 20% of the vertical dimension</td> <td>00:01:50</td> <td></td> <td></td> </tr> <tr> <td style="text-align: right;">19.96</td> <td>OSF</td> <td>Finish node, oil separator, reference: INT1</td> <td>00:02:07</td> <td></td> <td></td> </tr> </table> </div>								0.00	GY	Start node, gully, reference: G1	00:00:00			0.00	WL	Water level, 5% of the vertical dimension	00:00:01			0.20	S01	Deformed sewer or drain, 20%, start	00:00:12	FJ002776 24_STOR M		6.43	F01	Deformed sewer or drain, 20%, finish	00:00:49		3 / 4	17.57	D	Deformed sewer or drain, 10%	00:01:44	FJ002776 24_STOR M	2 / 3	18.67	WL	Water level, 20% of the vertical dimension	00:01:50			19.96	OSF	Finish node, oil separator, reference: INT1	00:02:07		
0.00	GY	Start node, gully, reference: G1	00:00:00																																														
0.00	WL	Water level, 5% of the vertical dimension	00:00:01																																														
0.20	S01	Deformed sewer or drain, 20%, start	00:00:12	FJ002776 24_STOR M																																													
6.43	F01	Deformed sewer or drain, 20%, finish	00:00:49		3 / 4																																												
17.57	D	Deformed sewer or drain, 10%	00:01:44	FJ002776 24_STOR M	2 / 3																																												
18.67	WL	Water level, 20% of the vertical dimension	00:01:50																																														
19.96	OSF	Finish node, oil separator, reference: INT1	00:02:07																																														

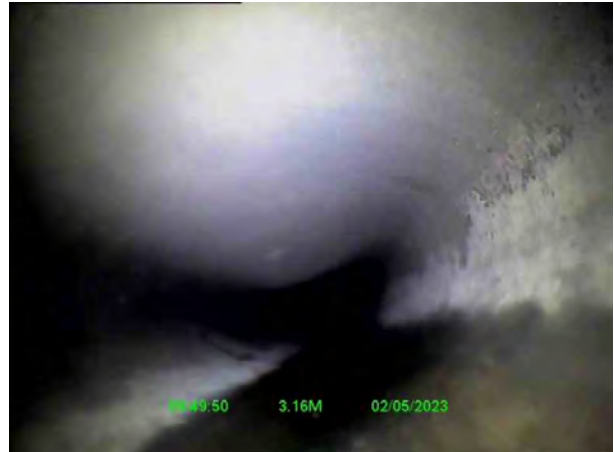
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	40.0	1500.0	300.0	3.0	2	5.0	185.0	37.0	5.0

Section Pictures - 10/05/2023 - G1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
5	Downstream	G1X	FJ00277624	FJ00277624



FJ00277624_STORM ENERGIA WORLE QUARRY_WORLE_5_003.jpg, 00:00:12, 0.20 m
 Deformed sewer or drain, 20%, start



FJ00277624_STORM ENERGIA WORLE QUARRY_WORLE_5_004.jpg, 00:00:12, 0.20 m
 Deformed sewer or drain, 20%, start



FJ00277624_STORM ENERGIA WORLE QUARRY_WORLE_5_005.jpg, 00:01:44, 17.57 m
 Deformed sewer or drain, 10%

Section Inspection - 10/05/2023 - G2X

Item No. 6	Insp. No. 1	Date 10/05/23	Time 15:29	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR G2X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	G2
Road:	Storm Energia Worle Quarry	Inspected Length:	5.00 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	5.00 m	Downstream Node:	MAIN
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:50	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m		0.00	GY	Start node, gully, reference: G2	00:00:00		
		0.00	WL	Water level, 40% of the vertical dimension	00:00:00		
		4.99	WL	Water level, 10% of the vertical dimension	00:00:45		
		5.00	BRF	Finish node, major connection without manhole, reference: MAIN	00:01:00		
Depth: m							

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Inspection - 10/05/2023 - G3X

Item No. 7	Insp. No. 1	Date 10/05/23	Time 15:29	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR G3X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	G3
Road:	Storm Energia Worle Quarry	Inspected Length:	16.08 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	16.08 m	Downstream Node:	S2
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:
Recommendations:

Scale:	1:139	Position [m]	Code	Observation	MPEG	Photo	Grade
	0.00	GY		Start node, gully, reference: G3	00:00:00		
	0.00	WL		Water level, 10% of the vertical dimension	00:00:01		
	0.20	JN		Junction at 09 o'clock, 150mm dia	00:00:11		
	0.50	S01	DES	Settled deposits, fine, 10% cross-sectional area loss, start	00:00:16		
	16.08	F01	DES	Settled deposits, fine, 10% cross-sectional area loss, finish	00:01:35		3
	16.08	CPF		Finish node, catchpit, reference: S2	00:01:35		

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.0	32.0	3.0

Section Inspection - 10/05/2023 - G4X

Item No. 8	Insp. No. 1	Date 10/05/23	Time 15:29	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR G4X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	G4
Road:	Storm Energia Worle Quarry	Inspected Length:	8.12 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	8.12 m	Downstream Node:	S2
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:70	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	GY	Start node, gully, reference: G4	00:00:00		
		0.00	WL	Water level, 0% of the vertical dimension	00:00:03		
		0.00	S01 DER	Settled deposits, coarse, 10% cross-sectional area loss, start	00:00:08		
		8.12	F01 DER	Settled deposits, coarse, 10% cross-sectional area loss, finish	00:00:54		3
		8.12	CPF	Finish node, catchpit, reference: S2	00:00:54		

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	2.2	18.0	3.0

Section Inspection - 10/05/2023 - G4X

Item No. 9	Insp. No. 1	Date 10/05/23	Time 15:29	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR G4X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village:	Worle	Inspection Direction:	Downstream	Upstream Node:	G4
Road:	Storm Energia Worle Quarry	Inspected Length:	25.75 m	Upstream Pipe Depth:	
Location:	Property or buildings	Total Length:	25.75 m	Downstream Node:	SOAKAWAY2
Surface Type:		Joint Length:	3.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	150 mm		
Flow Control:	No flow control	Material:	Polyvinyl chloride		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale:	1:222	Position [m]	Code	Observation	MPEG	Photo	Grade
		0.00	GY	Start node, gully, reference: G4	00:00:00		
		0.00	WL	Water level, 5% of the vertical dimension	00:00:01		
		2.11	S01 DER	Settled deposits, coarse, 5% cross-sectional area loss, start	00:00:23		
		25.75	F01 DER	Settled deposits, coarse, 5% cross-sectional area loss, finish	00:02:06		3
		25.75	SKF	Finish node, soakaway, reference: SOAKAWAY2	00:02:06		

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	2.0	1.9	48.0	3.0

Section Inspection - 10/05/2023 - S1X

Item No. 10	Insp. No. 1	Date 10/05/23	Time 15:30	Client's Job Ref FJ00277624	Weather No Rain Or Snow	Pre Cleaned No	PLR S1X
Operator CP		Vehicle TV03 ONE		Camera P&T	Preset Length Not Specified	Legal Status Private Drain	Alternative ID Not Specified

Town or Village: Worle	Inspection Direction: Downstream	Upstream Node: S1
Road: Storm Energia Worle Quarry	Inspected Length: 14.58 m	Upstream Pipe Depth:
Location: Property or buildings	Total Length: 14.58 m	Downstream Node: SOAKAWAY1
Surface Type:	Joint Length: 3.00 m	Downstream Pipe Depth:
Use: Surface water	Pipe Shape: Circular	
Type of Pipe: Gravity drain/sewer	Dia/Height: 150 mm	
Flow Control: No flow control	Material: Polyvinyl chloride	
Year Constructed: Not Specified	Lining Type: No Lining	
Inspection Purpose: Sample condition survey	Lining Material: No Lining	

Comments:

Recommendations:

Scale:	1:126	Position [m]	Code	Observation	MPEG	Photo	Grade																												
<div style="display: flex; align-items: flex-start;"> <div style="flex: 1;"> <p style="margin-bottom: 5px;">Depth: m</p> <p style="margin-bottom: 5px;">S1</p> </div> <table border="1" style="margin-left: 10px; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: right;">0.00</td> <td style="width: 10%;">MH</td> <td style="width: 40%;">Start node, manhole, reference: S1</td> <td style="width: 10%;">00:00:00</td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>WL</td> <td>Water level, 5% of the vertical dimension</td> <td>00:00:03</td> </tr> <tr> <td style="text-align: right;">0.00</td> <td>S01</td> <td>DER Settled deposits, coarse, 20% cross-sectional area loss, start</td> <td>00:00:03</td> </tr> <tr> <td style="text-align: right;">0.20</td> <td>S02</td> <td>CUD Loss of vision, silt, start</td> <td>00:00:11</td> </tr> <tr> <td style="text-align: right;">14.58</td> <td>F01</td> <td>DER Settled deposits, coarse, 20% cross-sectional area loss, finish</td> <td>00:01:21</td> </tr> <tr> <td style="text-align: right;">14.58</td> <td>F02</td> <td>CUD Loss of vision, silt, finish</td> <td>00:01:21</td> </tr> <tr> <td style="text-align: right;">14.58</td> <td>SA</td> <td>Survey abandoned: UNABLE TO PUSH FURTHER</td> <td>00:01:21</td> </tr> </table> </div>								0.00	MH	Start node, manhole, reference: S1	00:00:00	0.00	WL	Water level, 5% of the vertical dimension	00:00:03	0.00	S01	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:00:03	0.20	S02	CUD Loss of vision, silt, start	00:00:11	14.58	F01	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:01:21	14.58	F02	CUD Loss of vision, silt, finish	00:01:21	14.58	SA	Survey abandoned: UNABLE TO PUSH FURTHER	00:01:21
0.00	MH	Start node, manhole, reference: S1	00:00:00																																
0.00	WL	Water level, 5% of the vertical dimension	00:00:03																																
0.00	S01	DER Settled deposits, coarse, 20% cross-sectional area loss, start	00:00:03																																
0.20	S02	CUD Loss of vision, silt, start	00:00:11																																
14.58	F01	DER Settled deposits, coarse, 20% cross-sectional area loss, finish	00:01:21																																
14.58	F02	CUD Loss of vision, silt, finish	00:01:21																																
14.58	SA	Survey abandoned: UNABLE TO PUSH FURTHER	00:01:21																																

Construction Features

Miscellaneous Features

Structural Defects

Service & Operational Observations

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	1	5.0	0.0	75.0	4.0

Appendix D – Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

310224963_1_1

Customer Reference:

FJ_276745

National Grid Reference:

335130, 163240

Slice:

A

Site Area (Ha):

1.42

Search Buffer (m):

1000

Site Details:

Site at 335140, 163200

Client Details:

Mr D Jones
OHES Ltd
Unit 3 Forest Court
Oaklands Park
Wokingham
Berkshire
RG41 2FD

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	20
Hazardous Substances	-
Geological	27
Industrial Land Use	33
Sensitive Land Use	49
Data Currency	50
Data Suppliers	56
Useful Contacts	57

Introduction

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

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Report Version v53.0

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 1				4
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 2		1	1	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 2			Yes	
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality					
River Quality Biology Sampling Points					
River Quality Chemistry Sampling Points					
Substantiated Pollution Incident Register					
Water Abstractions	pg 3				(*1)
Water Industry Act Referrals					
Groundwater Vulnerability Map	pg 3	Yes	n/a	n/a	n/a
Groundwater Vulnerability - Soluble Rock Risk	pg 3	1	n/a	n/a	n/a
Groundwater Vulnerability - Local Information			n/a	n/a	n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a	n/a	n/a
Superficial Aquifer Designations			n/a	n/a	n/a
Source Protection Zones					
Extreme Flooding from Rivers or Sea without Defences				n/a	n/a
Flooding from Rivers or Sea without Defences				n/a	n/a
Areas Benefiting from Flood Defences				n/a	n/a
Flood Water Storage Areas				n/a	n/a
Flood Defences				n/a	n/a
OS Water Network Lines	pg 3			3	137

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	pg 20	2			
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)	pg 20	1			
Licensed Waste Management Facilities (Locations)	pg 20	3	1		
Local Authority Landfill Coverage	pg 21	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 21		2	3	3
Potentially Infilled Land (Water)	pg 21			4	67
Registered Landfill Sites	pg 25	2			
Registered Waste Transfer Sites	pg 26	1			
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 27	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 27	Yes	Yes	Yes	Yes
BGS Recorded Mineral Sites	pg 29		2	2	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability	pg 30	Yes	n/a	n/a	n/a
Man-Made Mining Cavities	pg 31	1			
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 31	Yes	Yes	n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 31	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 31	Yes	Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 31	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards				n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 32		Yes	n/a	n/a
Radon Potential - Radon Affected Areas	pg 32	Yes	n/a	n/a	n/a
Radon Potential - Radon Protection Measures	pg 32	Yes	n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 33	4	17	13	75
Fuel Station Entries	pg 42				2
Points of Interest - Commercial Services	pg 43		7	3	27
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 46	1	2		6
Points of Interest - Public Infrastructure	pg 47				12
Points of Interest - Recreational and Environmental	pg 48				3
Gas Pipelines					
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	pg 49			1	
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					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (S)	0	1	335131 163236
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	67	1	335000 163236
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	141	1	335200 163450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	176	1	335150 163500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	313	1	335100 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	340	1	335000 162850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (SW)	428	1	334900 162800
1	Discharge Consents Operator: Mr D J Payne Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Baytree Farm(Weston Super Mare), Worle, Weston Super Mare, Avon Authority: Environment Agency, South West Region Catchment Area: River Banwell/Oldbridge Reference: 081614 Permit Version: 1 Effective Date: 9th November 1971 Issued Date: Not Supplied Revocation Date: 1st October 1996 Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of Banwell/Oldbridge Status: Lapsed (under Environment Act 1995, Schedule 23) Positional Accuracy: Located by supplier to within 100m	A14NW (E)	567	2	335730 163370
2	Discharge Consents Operator: Mr & Mrs P Bennett Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 2 Houses At Greenway Farm Lyefield Road, North Worle, Weston-Super-Mare, Somerset, Bs22 9nx Authority: Environment Agency, South West Region Catchment Area: River Banwell/Oldbridge Reference: 103166 Permit Version: 2 Effective Date: 17th December 2012 Issued Date: 17th December 2012 Revocation Date: Not Supplied Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: Varied under EPR 2010 Positional Accuracy: Located by supplier to within 10m	A18SE (N)	596	2	335327 163889
2	Discharge Consents Operator: Mr & Mrs P Bennett Property Type: DOMESTIC PROPERTY (MULTIPLE) (INCL FARM HOUSES) Location: 2 Houses At Greenway Farm Lyefield Road, North Worle, Weston-Super-Mare, Somerset, Bs22 9nx Authority: Environment Agency, South West Region Catchment Area: River Banwell/Oldbridge Reference: 103166 Permit Version: 1 Effective Date: 18th October 2005 Issued Date: 18th October 2005 Revocation Date: 16th December 2012 Discharge Type: Sewage Discharges - Final/Treated Effluent - Not Water Company Discharge: Land/Soakaway Environment: Receiving Water: Soakaway Status: New Consent (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 10m	A18SE (N)	596	2	335327 163889

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	<p>Discharge Consents</p> <p>Operator: Mr D R Mead And Mrs P J Mead Property Type: FARMS (NOT HOUSE)/CROP + ANIMAL REARING/PLANT NURSERY Location: Norton Farm, Kewstoke, Weston Super Mare, Avon, Bs22 9yr Authority: Environment Agency, South West Region Catchment Area: River Axe Reference: 080547 Permit Version: 1 Effective Date: 21st May 1969 Issued Date: Not Supplied Revocation Date: 29th March 1999 Discharge Type: Trade Discharge - Agricultural And Surface Discharge: Freshwater Stream/River Environment: Receiving Water: Trib Of River Axe Status: Revoked (Water Resources Act 1991, Section 88 & Schedule 10 as amended by Environment Act 1995) Positional Accuracy: Located by supplier to within 100m</p>	A17SW (NW)	992	2	334300 163900
4	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Rmc Concrete Location: Hewish Quarry, WESTON SUPER MARE, Somerset, BS22 Authority: North Somerset Council, Environmental Health Department Permit Reference: Cp13 Dated: 19th November 1992 Process Type: Local Authority Air Pollution Control Description: PG3/1Blending, packing, loading and use of bulk cement Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A13NE (N)	77	3	335150 163400
5	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Scaurs Garage Location: 15 The Scaurs, Worle, WESTON-SUPER-MARE, Avon, BS22 6QR Authority: North Somerset Council, Environmental Health Department Permit Reference: 14w Dated: 5th February 1996 Process Type: Local Authority Air Pollution Control Description: PG1/1Waste oil burners, less than 0.4MW net rated thermal input Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	465	3	335569 162893
6	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Avenue Dry Cleaners Location: 141 High Street, Worle, Weston Super Mare, Bs22 6hq Authority: North Somerset Council, Environmental Health Department Permit Reference: DC1 Dated: Not Supplied Process Type: Local Authority Pollution Prevention and Control Description: PG6/46 Dry cleaning Status: Permitted Positional Accuracy: Located by supplier to within 10m</p>	A8SE (S)	742	3	335210 162420
7	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: Symonds Retail Ltd Location: 1-3 Bristol Road, Worle, Weston-Super-Mare, Avon, Bs22 0ad Authority: North Somerset Council, Environmental Health Department Permit Reference: Pvr19 Dated: 22nd January 1999 Process Type: Local Authority Air Pollution Control Description: PG1/14 Petrol filling station Status: Authorised Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	809	3	335061 162355
8	<p>Local Authority Pollution Prevention and Controls</p> <p>Name: DignityWeston Super Mare Crematorium Location: Ebdon Road, WESTON-SUPER-MARE, Avon, BS22 9NY Authority: North Somerset Council, Environmental Health Department Permit Reference: CRE1 Dated: 31st July 1992 Process Type: Local Authority Air Pollution Control Description: PG5/2 Crematoria Status: Authorised Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	3	335634 163968
	<p>Nearest Surface Water Feature</p>	A13NW (NW)	373	-	334831 163571

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Bristol Waterworks Company Licence Number: 165213G025 Permit Version: Not Supplied Location: WESTON-SUPER-MARE Authority: Environment Agency, South West Region Abstraction: Unspecified Abstraction Type: Not Supplied Source: Borehole Daily Rate (m3): 3000 Yearly Rate (m3): 200000 Details: Expired: 01-Jun-1992; Carboniferous Limestone Series Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	A1NW (SW)	1887	2	333700 161900
	Groundwater Vulnerability Map Combined Classification: Principle Bedrock Aquifer - High Vulnerability Combined Vulnerability: High Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: 300-550 mm/year Baseflow Index: 40-70% Superficial Patchiness: <90% Superficial Thickness: <3m Superficial Recharge: No Data	A13SW (S)	0	4	335131 163236
	Groundwater Vulnerability - Soluble Rock Risk Classification: Significant Risk - Low Possibility	A13SW (S)	0	4	335131 163236
	Bedrock Aquifer Designations Aquifer Designation: Principal Aquifer	A13SW (S)	0	4	335131 163236
	Superficial Aquifer Designations No Data Available				
	Extreme Flooding from Rivers or Sea without Defences None				
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
9	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A13NW (NW)	374	5	334830 163572
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A13NW (NW)	393	5	334799 163565

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 128.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A12NE (NW)	473	5	334685 163549
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	501	5	334772 163692
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	505	5	334770 163696
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	519	5	334735 163683
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 77.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	522	5	334733 163685
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	578	5	334753 163776
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	586	5	334630 163663
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	586	5	334728 163767
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	588	5	334723 163765

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	588	5	334753 163788
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 56.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	589	5	334628 163667
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 28.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	589	5	334719 163763
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	592	5	334752 163792
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	597	5	334693 163751
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 173.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18SE (N)	602	5	335326 163896
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 51.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	614	5	334661 163743
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	614	5	334661 163743
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	617	5	334660 163745

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 91.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	619	5	334659 163748
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	635	5	334613 163722
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	635	5	334613 163722
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 43.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	636	5	335367 163917
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	636	5	334612 163721
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	638	5	334612 163725
35	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	640	5	334604 163717
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 59.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	642	5	334610 163729
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	644	5	334598 163717

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	650	5	334589 163715
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	650	5	334589 163715
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 53.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	654	5	335037 163970
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	663	5	335151 163987
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 1	A17SE (NW)	669	5	334556 163703
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	669	5	334556 163703
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 116.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	674	5	335353 163962
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 95.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	686	5	334521 163686
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	695	5	334590 163785

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	697	5	334589 163788
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 228.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	719	5	334603 163833
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 370.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	740	5	334883 164021
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	749	5	335272 164061
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 70.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	749	5	335272 164061
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 69.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	763	5	334991 164074
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 90.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	764	5	335149 164088
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 72.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	764	5	335149 164088
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	772	5	335141 164096

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	772	5	335320 164074
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	780	5	334921 164074
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	782	5	334923 164076
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	782	5	335341 164079
60	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 41.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Brue and Axe North Primacy: 2	A9NW (SE)	784	5	335807 162680
61	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	785	5	335342 164082
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 151.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	786	5	335219 164106
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	791	5	335349 164086
64	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	792	5	334921 164086

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 19.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	793	5	335353 164087
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 65.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	794	5	334749 164026
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 40.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	794	5	334749 164026
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 105.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SE (NW)	796	5	334559 163897
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	798	5	334920 164092
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	800	5	335541 164014
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	802	5	335537 164019
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	805	5	335535 164024
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 36.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	810	5	335374 164098

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	812	5	334918 164106
75	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 101.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	817	5	334917 164112
76	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	834	5	335407 164113
77	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	837	5	335412 164115
78	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	840	5	335334 164141
79	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	842	5	334607 163996
80	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	843	5	335419 164119
81	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	843	5	335419 164119
82	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 80.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	844	5	335419 164120

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.7 Watercourse Level: Underground Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	854	5	335163 164178
84	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 137.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	856	5	335230 164175
85	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 153.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	858	5	335621 164033
86	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 93.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	858	5	334698 164072
87	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	858	5	334698 164072
88	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	859	5	335164 164183
89	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 170.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	863	5	335166 164187
90	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	863	5	335165 164187
91	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	863	5	334697 164076

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 103.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	866	5	334697 164080
93	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	868	5	335376 164158
94	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.9 Watercourse Level: Underground Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	869	5	335165 164193
95	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 23.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	870	5	334588 164017
96	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	871	5	334574 164008
97	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	873	5	335459 164136
98	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	874	5	334568 164006
99	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 92.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	875	5	335166 164199
100	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	875	5	334563 164005

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 136.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	876	5	334600 164032
102	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	879	5	335469 164138
103	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 152.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	880	5	334565 164013
104	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	880	5	334565 164013
105	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 8.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	881	5	334563 164011
106	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	882	5	335470 164141
107	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	883	5	334545 164000
108	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	884	5	334554 164009
109	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 63.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	890	5	334532 163999

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
110	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 131.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Brue and Axe North Primacy: 2	A9NE (SE)	892	5	335924 162656
111	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Brue and Axe North Primacy: 2	A8SW (S)	896	5	335053 162268
112	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 147.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	897	5	334609 164065
113	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	907	5	335366 164202
114	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 150.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	907	5	335363 164202
115	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (N)	907	5	335500 164155
116	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 1.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (N)	908	5	335501 164156
117	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (N)	908	5	335501 164156
118	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 196.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (N)	909	5	335502 164157

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
119	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	912	5	335059 164233
120	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	917	5	334903 164212
121	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	917	5	335101 164241
122	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	919	5	334893 164211
123	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NE (N)	922	5	335162 164246
124	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	927	5	334858 164209
125	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 182.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	927	5	334858 164209
126	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	933	5	334458 163991
127	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	939	5	335546 164169

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
128	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	940	5	334855 164221
129	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 119.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A18NW (N)	942	5	334855 164223
130	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	950	5	335562 164173
131	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 195.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	950	5	335562 164173
132	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 115.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A23SE (N)	952	5	335276 164266
133	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 110.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NW (NW)	952	5	334448 164007
134	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 96.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NW (NW)	957	5	334433 164001
135	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	957	5	335750 164058
136	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 104.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (N)	961	5	334762 164214

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
137	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 45.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	965	5	334678 164182
138	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 60.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	966	5	335583 164180
139	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 35.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Northfield Rhyne Catchment Name: Somerset Streams North Primacy: 2	A23SE (N)	966	5	335184 164289
140	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 57.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17SW (NW)	972	5	334174 163655
141	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A23SE (N)	982	5	335169 164306
142	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	983	5	334633 164179
143	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 109.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A23SE (N)	988	5	335166 164312
144	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 73.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	996	5	334587 164167
145	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 210.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	996	5	335723 164129

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
146	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 11.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A17NE (NW)	996	5	334587 164167
147	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 127.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A19NW (NE)	998	5	335728 164128
148	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 273.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Somerset Streams North Primacy: 2	A23SE (N)	1000	5	335182 164323

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	<p>Historical Landfill Sites</p> <p>Licence Holder: ECC Construction Material Limited Location: Kewstoke Road, Worle, Weston Super Mare, Avon Name: Sage And Down Works Operator Location: Not Supplied Boundary Accuracy: As Supplied Provider Reference: EAHLD09185 First Input Date: 9th April 1989 Last Input Date: 30th November 1992 Specified Waste: Deposited Waste included Inert and Special Waste Type: EA Waste Ref: 0 Regis Ref: Not Supplied WRC Ref: 0100/0205 BGS Ref: Not Supplied Other Ref: L/WG/T/205</p>	A13NE (NE)	0	2	335140 163254
150	<p>Historical Landfill Sites</p> <p>Licence Holder: Worle Quarry Landfill Site Location: Kewstoke Road, Weston Super Mare, Worle, Somerset Name: Worle Quarry Landfill Site Operator Location: Lower Kewstoke Road, Weston Super Mare, Worle, Somerset Boundary Accuracy: As Supplied Provider Reference: EAHLD35699 First Input Date: Not Supplied Last Input Date: Not Supplied Specified Waste: Not Supplied Type: EA Waste Ref: 27279 Regis Ref: Not Supplied WRC Ref: Not Supplied BGS Ref: Not Supplied Other Ref: Not Supplied</p>	A13SW (S)	0	2	335131 163236
151	<p>Licensed Waste Management Facilities (Landfill Boundaries)</p> <p>Name: Worle Quarry Landfill Site Licence Number: 27279 Location: Worle Quarry, Kewstoke Road, Worle, Weston Super Mare, Somerset, BS22 9LE Licence Holder: Worlebury Enterprises Ltd Authority: Environment Agency - South West Region, Wessex Area Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Max Input Rate: Not Supplied Licence Status: Inactive Issued: 1st November 1996 Positional Accuracy: Positioned by the supplier Boundary Accuracy: As Supplied</p>	A13SW (S)	0	2	335131 163236
152	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 103188 Location: Worle Quarry, Kewstoke Road, Weston Super Mare, Somerset, BS22 9LF Operator Name: Lincoln Storm Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Modified Issued: 2nd December 2011 Last Modified: 16th November 2022 Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13SW (SW)	0	2	335085 163213
152	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 26008 Location: Land / Premises At, Kewstoke Road, Worle, Weston Super Mare, Somerset, BS22 9LE Operator Name: Penfold Trade & Co Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Household, Commercial And Industrial Transfer Stations Licence Status: Revoked Issued: 27th April 1999 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: 18th September 2009 Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	0	2	335100 163200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
152	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 27279 Location: Kewstoke Road, Worle, Weston Super Mare, Somerset, BS22 9LE Operator Name: Worlebury Enterprises Ltd Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Landfills Taking Other Wastes (Construction, Demolition, Dredgings) Licence Status: Surrendered Issued: 1st November 1996 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: 5th February 2010 IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 100m</p>	A13SW (SW)	0	2	335100 163200
153	<p>Licensed Waste Management Facilities (Locations)</p> <p>Licence Number: 120633 Location: PEZHON Ltd Unit 12C, Worle Quarry Industrial Estate, Weston Super Mare, BS22 9JB Operator Name: PEZHON LTD Operator Location: Not Supplied Authority: Environment Agency - South West Region, Wessex Area Site Category: Vehicle depollution facility Licence Status: Issued Issued: 12th August 2022 Last Modified: Not Supplied Expires: Not Supplied Suspended: Not Supplied Revoked: Not Supplied Surrendered: Not Supplied IPPC Reference: Not Supplied Positional Accuracy: Located by supplier to within 10m</p>	A13NW (N)	64	2	335107 163382
	<p>Local Authority Landfill Coverage</p> <p>Name: North Somerset Unitary Council - Has supplied landfill data</p>		0	6	335131 163236
154	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990</p>	A13NE (E)	76	-	335248 163265
155	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A13SW (W)	190	-	334879 163183
156	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A13SW (W)	262	-	334808 163175
157	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A13SW (W)	264	-	334814 163136
158	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: E Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1990</p>	A14SW (E)	404	-	335600 163211
159	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A8NW (S)	569	-	334925 162634
160	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: W Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A12SW (W)	646	-	334442 163047
161	<p>Potentially Infilled Land (Non-Water)</p> <p>Bearing Ref: SW Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1989</p>	A7SE (SW)	789	-	334648 162527
162	<p>Potentially Infilled Land (Water)</p> <p>Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962</p>	A18SE (N)	400	-	335312 163684

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
163	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14NW (NE)	433	-	335529 163512
164	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14NW (NE)	451	-	335532 163541
165	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14NW (E)	500	-	335642 163428
166	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8NE (SE)	552	-	335459 162688
167	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8NE (S)	565	-	335301 162613
168	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	568	-	335506 162697
169	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	570	-	335561 162735
170	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14SW (E)	581	-	335778 163161
171	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	621	-	335815 163101
172	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NW (E)	623	-	335805 163314
173	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	625	-	335821 163239
174	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	635	-	335824 163069
175	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	637	-	335660 162735
176	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	645	-	335652 162716
177	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	652	-	335361 162539
178	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NW (E)	655	-	335801 163441
179	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	666	-	335857 163064
180	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	666	-	335720 162761
181	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NW (E)	671	-	335806 163475
182	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	671	-	335205 162490
183	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (SE)	674	-	335822 162921

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
184	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	685	-	335882 163202
185	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	686	-	335745 162760
186	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	690	-	335307 162485
187	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	701	-	335846 163449
188	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	708	-	335515 162541
189	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A9NW (SE)	713	-	335793 162781
190	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NW (SE)	720	-	335613 162586
191	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	750	-	335902 163432
192	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	764	-	335958 163255
193	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	770	-	335550 162490
194	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	777	-	335530 162472
195	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	778	-	335913 162867
196	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	787	-	335647 162528
197	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	791	-	335938 162895
198	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	796	-	335973 162993
199	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	798	-	335970 162974
200	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	802	-	335986 163023
201	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	802	-	335868 162732
202	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	803	-	335646 162507
203	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SE (S)	813	-	335183 162347
204	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	824	-	335950 162838

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
205	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	825	-	335115 162334
206	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	826	-	335994 163396
207	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	828	-	335651 162480
208	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	839	-	335322 162336
209	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	843	-	336010 163398
210	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	847	-	335252 162319
211	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	848	-	335571 162413
212	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	849	-	335599 162425
213	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14SE (E)	859	-	336026 162945
214	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14SE (E)	864	-	336037 162967
215	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	865	-	336030 163409
216	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	867	-	335660 162441
217	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	876	-	335984 162789
218	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1938	A8SW (S)	877	-	335039 162289
219	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14SE (E)	891	-	336085 163100
220	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14SE (E)	911	-	336100 163052
221	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	912	-	335244 162252
222	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	922	-	335525 162312
223	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1904	A14NE (E)	937	-	336119 163344
224	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A3NE (S)	939	-	335168 162221
225	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SE (SE)	943	-	335841 162484

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
226	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A8SE (S)	946	-	335355 162235
227	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A14SE (E)	947	-	336144 163155
228	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9SW (SE)	964	-	335753 162386
229	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A3NW (S)	972	-	335088 162189
230	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (E)	980	-	336130 162873
231	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (SE)	982	-	336094 162773
232	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1962	A9NE (E)	999	-	336137 162832
233	Registered Landfill Sites Licence Holder: Worlebury Enterprises Ltd Licence Reference: L/NS/T/336 Site Location: Worle Quarry, Kewstoke Road, Worle, WESTON SUPER MARE, Somerset, BS22 9LE Licence Easting: 335150 Licence Northing: 163200 Operator Location: The Observatory, Worlebury Hill Road, WESTON SUPER MARE, Somerset, BS22 9TP Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill Max Input Rate: Medium (Equal to or greater than 25,000 and less than 75,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Status: Operational as far as is knownOperational Dated: 1st November 1996 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Max.Waste Permitted By Licence Wholly Inert Concrete Waste Wholly Inert/Uncontam. Nat'Excav.Mat'L Wholly Inert/Uncontam. Soil/Subsoil Prohibited Waste: Poisonous, Noxious, Polluting Wastes Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S.	A13SE (SE)	0	2	335150 163200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
234	<p>Registered Landfill Sites</p> <p>Licence Holder: E.C.C. Construction Materials Ltd Licence Reference: L/WG/T/205 Site Location: Sage & Down Works, Kewstoke Road, Worle, Weston Super Mare, Somerset Licence Easting: 335160 Licence Northing: 163270 Operator Location: John Keay House, ST AUSTELL, Cornwall, PL25 4DJ Authority: Environment Agency - South West Region, North Wessex Area Site Category: Landfill Max Input Rate: Undefined Waste Source: Waste produced/controlled by licence holder Restrictions: Status: Licence lapsed/cancelled/defunct/not applicable/surrenderedCancelled Dated: 1st April 1989 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the address or location Boundary Accuracy: Not Applicable Authorised Waste: Cullet Inert Constr'N/Demol. Waste Inert Excavation Waste Reject Concrete Prods Ex On-Site Fact. Prohibited Waste: Special Wastes Unbound Fibrous Asbestos Waste Liquids</p>	A13NE (NE)	0	2	335160 163270
235	<p>Registered Waste Transfer Sites</p> <p>Licence Holder: Worlebury Enterprises Ltd Licence Reference: EAWML26008 Site Location: Worle Quarry, Kewstoke Road, Worle, WESTON SUPER MARE, Somerset, BS22 9IE Operator Location: The Observatory, Worlebury Hill Road, WESTON SUPER MARE, Somerset, BS22 9TP Authority: Environment Agency - South West Region, North Wessex Area Site Category: Transfer Max Input Rate: Small (Equal to or greater than 10,000 and less than 25,000 tonnes per year) Waste Source: No known restriction on source of waste Restrictions: Licence Status: Operational as far as is knownOperational Dated: 27th April 1999 Preceded By: Not Given Licence: Superseded By: Not Given Licence: Positional Accuracy: Manually positioned to the road within the address or location Boundary Quality: Not Supplied Authorised Waste: Degradable H'Hold/Com./Ind. Waste (S75 Epa'90) Inert Waste Max.Storage Of Non-Inert Waste Max.Waste Permitted By Licence Scrap Metal Prohibited Waste: Liquid Wastes Powders Sludge Wastes Spec.Waste (Epa'90:S62/1996 Regs) Waste N.O.S.</p>	A13NW (NW)	0	2	335100 163300

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Dinantian Rocks (Undifferentiated)	A13SW (S)	0	1	335131 163236
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13SW (S)	0	1	335131 163236
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (NE)	156	1	335276 163406
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A8NE (S)	316	1	335213 162848
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: 100 - 200 mg/kg Nickel Concentration: 15 - 30 mg/kg	A14SW (SE)	349	1	335500 163000
	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	A14SW (SE)	400	1	335500 162912
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: 15 - 25 mg/kg Cadmium Concentration: <1.8 mg/kg Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (NE)	413	1	335422 163626

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8NE (SE)	462	1	335439 162779
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A18SW (N)	471	1	335071 163791
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9NW (SE)	473	1	335500 162810
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic <15 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: 100 - 200 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A8SW (S)	664	1	335072 162500
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 25 - 35 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 90 - 120 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 30 - 45 mg/kg</p> <p>Concentration:</p>	A18NW (N)	667	1	335020 163981
	<p>BGS Estimated Soil Chemistry</p> <p>Source: British Geological Survey, National Geoscience Information Service</p> <p>Soil Sample Type: Sediment</p> <p>Arsenic 15 - 25 mg/kg</p> <p>Concentration:</p> <p>Cadmium <1.8 mg/kg</p> <p>Concentration:</p> <p>Chromium 60 - 90 mg/kg</p> <p>Concentration:</p> <p>Lead Concentration: <100 mg/kg</p> <p>Nickel 15 - 30 mg/kg</p> <p>Concentration:</p>	A9SW (SE)	739	1	335500 162500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: 15 - 25 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: 100 - 200 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A8SW (S)	739	1	334845 162482
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic: <15 mg/kg Concentration: Cadmium: <1.8 mg/kg Concentration: Chromium: 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel: 15 - 30 mg/kg Concentration:	A7SE (SW)	891	1	334512 162500
236	BGS Recorded Mineral Sites Site Name: Worle Location: Worle, Weston-Super-Mare, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 8106 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clifton Down Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13NE (N)	93	1	335155 163415
237	BGS Recorded Mineral Sites Site Name: Worle Tower Quarry Location: Worle, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67417 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SW (SW)	198	1	334932 163055
238	BGS Recorded Mineral Sites Site Name: Worle Hill Quarries Location: Worle, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67415 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SE (W)	306	1	334766 163158
239	BGS Recorded Mineral Sites Site Name: Lynch Farm Quarry Location: St Georges, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67413 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A14SW (E)	466	1	335663 163199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
240	BGS Recorded Mineral Sites Site Name: Manorhouse Farm Location: Worle, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67414 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8NW (S)	565	1	334934 162634
241	BGS Recorded Mineral Sites Site Name: Kewstoke Quarry Location: Kewstoke, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67399 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clifton Down Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NE (W)	625	1	334469 163449
242	BGS Recorded Mineral Sites Site Name: Miltonhill Quarry Location: Miltonhill, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67408 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12SW (W)	671	1	334416 163048
243	BGS Recorded Mineral Sites Site Name: Kewstoke Quarry Location: Kewstoke, Bristol, Avon Source: British Geological Survey, National Geoscience Information Service Reference: 67400 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Clifton Down Limestone Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A12NW (W)	750	1	334334 163425
244	BGS Recorded Mineral Sites Site Name: The Plots Quarry Location: Worle, Weston-Super-Mare, Somerset Source: British Geological Survey, National Geoscience Information Service Reference: 67416 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Goblin Combe Oolite Formation Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A7SE (SW)	782	1	334655 162531
	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				
	Mining Instability Mining Evidence: Conclusive Metaliferous Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (S)	0	-	335131 163236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Man-Made Mining Cavities Easting: 335100 Northing: 163200 Distance: 0 Quadrant Reference: A13 Quadrant Reference: SW Bearing Ref: SW Cavity Type: Unknown Mine Commodity: Unknown Solid Geology Detail: Goblin Combe Oolite, Mercia Mudstone Group Superficial Geology No Details Detail:	A13SW (SW)	0	7	335100 163200
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Non Coal Mining Areas of Great Britain Risk: Highly Unlikely Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	156	1	335276 163406
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	0	1	335141 163295
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Landslide Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	156	1	335269 163412
	Potential for Landslide Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	159	1	335276 163406
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (N)	187	1	335166 163509
	Potential for Landslide Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	219	1	335000 163508
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (W)	67	1	335000 163236
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	156	1	335276 163406
	Radon Potential - Radon Affected Areas Affected Area: The property is an Intermediate probability radon area (3 to 5% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (S)	0	1	335131 163236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
245	<p>Contemporary Trade Directory Entries</p> <p>Name: Charlie'S Autos Location: Unit 2, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Classification: Mot Testing Centres Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	335128 163304
245	<p>Contemporary Trade Directory Entries</p> <p>Name: West Coast Location: Unit 2, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Classification: Fascias and Soffits Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	335128 163304
245	<p>Contemporary Trade Directory Entries</p> <p>Name: Charlies Autos Location: Unit 2, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	335128 163304
245	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Facilities Group Location: Unit 14-15, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Classification: Cleaning Services - Domestic Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NW (N)	0	-	335116 163296
246	<p>Contemporary Trade Directory Entries</p> <p>Name: Crawfords Property Restoration & Cleaning Ltd Location: Unit 14-15, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Carpet, Curtain & Upholstery Cleaners Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	81	-	335142 163406
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Sanicure Ltd Location: Lower Kewstoke Road, Weston-Super-Mare, Avon, BS22 9LF Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NE (N)	117	-	335191 163428
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Crawfords P R C Ltd Location: Unit 38 The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Somerset, BS22 9LF Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Manually positioned within the geographical locality</p>	A13NE (N)	124	-	335150 163448
247	<p>Contemporary Trade Directory Entries</p> <p>Name: G P R Logistics Location: The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-mare, BS22 9LF Classification: Freight Forwarders Status: Active Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Contract Services Ltd Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Contract Services Ltd Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Cleaning Services - Commercial Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Collingwood Autos Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Cemex Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Concrete & Mortar Ready Mixed Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: J Wrench Trailer Engineering Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Vehicle Servicing, Repairs, Parts & Accessories Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Cleaning Contractors Ltd Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Cleaning Contractors Location: Unit 1, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Facilities Group Location: Unit 1, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Cleaning Contractors Location: Unit 1, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Cleaning Contractors Location: Unit 1, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
247	<p>Contemporary Trade Directory Entries</p> <p>Name: Central Cleaning Contractors Location: Unit 1, The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9LF Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13NE (N)	131	-	335153 163455
248	<p>Contemporary Trade Directory Entries</p> <p>Name: Cadbury Cars Location: 61, Lower Kewstoke Road, Worle, Weston-super-Mare, Avon, BS22 9JN Classification: Car Engine Tuning & Diagnostic Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A13SE (E)	179	-	335376 163176

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
249	Contemporary Trade Directory Entries Name: Steelfix Location: 22, Hawke Road, Kewstoke, Weston-super-Mare, Avon, BS22 9LB Classification: Concrete Reinforcements Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NW (N)	244	-	335067 163558
250	Contemporary Trade Directory Entries Name: Loveridges Location: 1, Rookery Close, Weston-super-Mare, Avon, BS22 9LN Classification: Boilers - Servicing, Replacements & Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	302	-	335405 163463
251	Contemporary Trade Directory Entries Name: Ironing Angel Location: 12, Midhaven Rise, Weston-super-Mare, Avon, BS22 9LT Classification: Ironing & Home Laundry Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	332	-	335385 163544
251	Contemporary Trade Directory Entries Name: B K Cleaning Services Location: 6, Midhaven Rise, Weston-super-Mare, BS22 9LT Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address	A13NE (NE)	367	-	335404 163575
252	Contemporary Trade Directory Entries Name: Acclaimed Cleaning Services Location: 5, Pine Hill, Weston-super-Mare, Avon, BS22 9DN Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NW (SW)	357	-	334915 162871
253	Contemporary Trade Directory Entries Name: Solutions South West Ltd Location: 20, Hill Road, Worle, Weston-super-Mare, Avon, BS22 9HD Classification: Air Conditioning & Refrigeration Contractors Status: Active Positional Accuracy: Automatically positioned to the address	A8NE (S)	380	-	335238 162788
254	Contemporary Trade Directory Entries Name: Apac Electrical Ltd Location: 40, Savernake Road, Weston-super-Mare, Avon, BS22 9HH Classification: Electrical Engineers Status: Inactive Positional Accuracy: Automatically positioned to the address	A14NW (NE)	426	-	335555 163441
255	Contemporary Trade Directory Entries Name: D R C Location: 18, The Scaurs, Weston-super-Mare, Avon, BS22 6QP Classification: Drain & Sewer Clearance - Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address	A14SW (SE)	447	-	335588 162957
256	Contemporary Trade Directory Entries Name: Scaurs Garage Location: 15, THE SCAURS, WESTON-SUPER-MARE, BS22 6QR Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address	A9NW (SE)	467	-	335574 162896
257	Contemporary Trade Directory Entries Name: Avenue Cleaners Location: 141, High Street, Worle, Weston-super-Mare, Avon, BS22 6HQ Classification: Dry Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address	A8NE (SE)	479	-	335445 162763
258	Contemporary Trade Directory Entries Name: G S Appliances Location: 109, High Street, Worle, Weston-super-Mare, Avon, BS22 6HA Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Manually positioned to the address or location	A8NE (S)	487	-	335337 162706
259	Contemporary Trade Directory Entries Name: Worle Van & Car Location: 163-165, High Street, Worle, Weston-super-Mare, Avon, BS22 6JA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address	A9NW (SE)	493	-	335508 162791

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
259	<p>Contemporary Trade Directory Entries</p> <p>Name: Worle Van & Car Co Ltd Location: 163-165, High Street, Worle, Weston-super-Mare, Avon, BS22 6JA Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	493	-	335508 162791
259	<p>Contemporary Trade Directory Entries</p> <p>Name: Autotec Motor Services Location: 163-165, High Street, Worle, Weston-super-Mare, Avon, BS22 6JA Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	493	-	335508 162791
259	<p>Contemporary Trade Directory Entries</p> <p>Name: Kustom Kulture Location: Unit 1, 169, High Street, Worle, Weston-super-Mare, Avon, BS22 6JA Classification: Electrolysis Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	514	-	335537 162788
260	<p>Contemporary Trade Directory Entries</p> <p>Name: The Sports Clearance Warehouse Location: 89, High Street, Worle, Weston-super-Mare, Avon, BS22 6ET Classification: Leisure & Sportswear Manufacturers & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	515	-	335281 162660
261	<p>Contemporary Trade Directory Entries</p> <p>Name: J D Cleaning Location: 4, Fraser Close, Weston-super-Mare, Avon, BS22 9PZ Classification: Commercial Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	523	-	335490 163710
262	<p>Contemporary Trade Directory Entries</p> <p>Name: Autobliss Location: Coronation Road, Weston-super-Mare, BS22 6DT Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	530	-	335173 162630
262	<p>Contemporary Trade Directory Entries</p> <p>Name: Coronation Garage Location: Coronation Road, Weston-super-Mare, Avon, BS22 6DT Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (S)	530	-	335173 162630
263	<p>Contemporary Trade Directory Entries</p> <p>Name: W M Uk Stairlifts Location: 112, High Street, Worle, Weston-super-Mare, BS22 6HD Classification: Stairlifts - Manufacturers & Installers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	534	-	335382 162673
263	<p>Contemporary Trade Directory Entries</p> <p>Name: J N G Location: 112, High Street, Worle, Weston-super-Mare, Avon, BS22 6HD Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	534	-	335382 162673
264	<p>Contemporary Trade Directory Entries</p> <p>Name: Hebsons Jewellery Repairs Location: Unit 3, Mendip Avenue, Weston-super-Mare, Avon, BS22 6HN Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8NE (SE)	550	-	335460 162691
265	<p>Contemporary Trade Directory Entries</p> <p>Name: Colmenar Ltd Location: 180, High Street, Worle, Weston-super-Mare, Avon, BS22 6JD Classification: Copying & Duplicating Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	564	-	335553 162735
266	<p>Contemporary Trade Directory Entries</p> <p>Name: Just Like New Cleaning Crew Location: 87, Balmoral Way, Weston-super-Mare, BS22 9BZ Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	575	-	334663 162790

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
267	<p>Contemporary Trade Directory Entries</p> <p>Name: Avonway Location: 8, Fairview, Weston-super-Mare, Avon, BS22 6UP Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NW (NE)	591	-	335688 163548
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Iota Garden & Home Location: UNIT 6A, MANOR FARM, COLLUM LANE, KEWSTOKE, WESTON-SUPER-MARE, BS22 9JL Classification: Sheet Metal Work Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	604	-	335125 163928
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Avon Classic Cars Location: Unit 24, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	604	-	335125 163928
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Manor Farm Dairy Location: Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	604	-	335125 163928
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Parklea Location: Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Leather Merchants & Wholesalers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	604	-	335125 163928
268	<p>Contemporary Trade Directory Entries</p> <p>Name: Seahunt Poland Ltd Location: Seahunt House, Unit 9 Manor Farm, Collum Lane, Kewstoke, WESTON-SUPER-MARE, Avon, BS22 9JL Classification: Freight Forwarders Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A18NW (N)	604	-	335125 163928
268	<p>Contemporary Trade Directory Entries</p> <p>Name: The Car Sale Warehouse Ltd Location: Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	604	-	335125 163928
269	<p>Contemporary Trade Directory Entries</p> <p>Name: South West Vehicle & Licensing Location: 1, Drake Close, Weston-super-Mare, Avon, BS22 9QA Classification: Vehicle Inspection Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	614	-	335623 163699
270	<p>Contemporary Trade Directory Entries</p> <p>Name: Cannell Ball & Co Ltd Location: 224, High Street, Worle, Weston-super-Mare, Avon, BS22 6JF Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	617	-	335627 162731
270	<p>Contemporary Trade Directory Entries</p> <p>Name: Whitehead Printing Location: 224, High Street, Worle, WESTON-SUPER-MARE, Avon, BS22 6JE Classification: Hot Foil Stamping Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A9NW (SE)	617	-	335627 162731
270	<p>Contemporary Trade Directory Entries</p> <p>Name: Cannell Ball & Co Ltd Location: 224, High Street, Worle, WESTON-SUPER-MARE, Avon, BS22 6JE Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	617	-	335627 162731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
271	<p>Contemporary Trade Directory Entries</p> <p>Name: Avalon Telecom & Technologies Location: 31, Church Road, Worle, Weston-super-Mare, Avon, BS22 9DB Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	617	-	334718 162688
271	<p>Contemporary Trade Directory Entries</p> <p>Name: Avalon Telecom & Technologies Location: 31, Church Road, Worle, Weston-super-Mare, Avon, BS22 9DB Classification: Telecommunications Equipment & Systems Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7NE (SW)	617	-	334718 162688
272	<p>Contemporary Trade Directory Entries</p> <p>Name: Redgate Recycling Ltd Location: Unit 5, Oxhouse Industrial Estate, Ebdon Road, Weston-super-Mare, Avon, BS22 6UB Classification: Recycling Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	622	-	335757 162902
272	<p>Contemporary Trade Directory Entries</p> <p>Name: J D Europe Location: 5, Ebdon Road, Weston-super-Mare, Avon, BS22 6UB Classification: Automation Systems & Equipment Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	622	-	335757 162902
273	<p>Contemporary Trade Directory Entries</p> <p>Name: First Power Clean Location: 81, Pleshey Close, Weston-super-Mare, Avon, BS22 9DH Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	628	-	334513 162913
273	<p>Contemporary Trade Directory Entries</p> <p>Name: Powerclean Location: 81, Pleshey Close, Weston-super-Mare, Avon, BS22 9DH Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A12SE (SW)	628	-	334513 162913
274	<p>Contemporary Trade Directory Entries</p> <p>Name: G W S Preperation Location: 18, Southdown, Weston-super-Mare, Avon, BS22 6PE Classification: Steam Cleaning Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SW (NE)	632	-	335675 163655
275	<p>Contemporary Trade Directory Entries</p> <p>Name: Breaksea Boats Location: Unit 21, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Boatbuilders & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	663	-	335030 163979
276	<p>Contemporary Trade Directory Entries</p> <p>Name: The Boat Repair Centre Location: Unit 19, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	668	-	335105 163992
277	<p>Contemporary Trade Directory Entries</p> <p>Name: Numac Validation Services Ltd Location: 89 Ebdon Rd, Weston-super-Mare, Avon, BS22 6US Classification: Medical Equipment Maintenance & Repairs Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A14NW (NE)	684	-	335788 163552
278	<p>Contemporary Trade Directory Entries</p> <p>Name: Numac Validation Services Location: 107a, Spring Hill, Weston-super-Mare, Avon, BS22 9BQ Classification: Medical Equipment Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	706	-	334912 162492

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Etr Location: Unit 4, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Road Haulage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	707	-	335073 164028
279	<p>Contemporary Trade Directory Entries</p> <p>Name: School Milk Services Ltd Location: Unit 3, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Dairies Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	707	-	335073 164028
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Breaksea Boats Location: Manor Farm Dairy, Collum Lane, Kewstoke, Weston-super-Mare, Somerset, BS22 9JL Classification: Boatbuilders & Repairers Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A18NW (N)	710	-	335080 164032
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Cougar Coatings Ltd Location: Unit 25, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Classification: Powder Coatings Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	710	-	335080 164032
279	<p>Contemporary Trade Directory Entries</p> <p>Name: C J Fabs Ltd Location: Unit 7, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Metal Products - Fabricated Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	731	-	335066 164052
279	<p>Contemporary Trade Directory Entries</p> <p>Name: C J Fabrications Location: Unit 7, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Staircase, Balustrade & Handrail Manufacturers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	731	-	335066 164052
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Carrow Auto Services Location: Unit 6, Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, Avon, BS22 9JL Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	731	-	335066 164052
279	<p>Contemporary Trade Directory Entries</p> <p>Name: Madregal Designs Ltd Location: UNIT 6, MANOR FARM, COLLUM LANE, KEWSTOKE, BS22 9JL Classification: Blacksmiths & Forgemasters Status: Active Positional Accuracy: Automatically positioned to the address</p>	A18NW (N)	732	-	335064 164053
280	<p>Contemporary Trade Directory Entries</p> <p>Name: Sparkle 'N' Shine Location: 18, Nutwell Road, Weston-super-Mare, Avon, BS22 6EW Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	708	-	335333 162474
281	<p>Contemporary Trade Directory Entries</p> <p>Name: Foil'D Again Location: 10, Constable Drive, Weston-super-Mare, Avon, BS22 6PX Classification: Printers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	734	-	335931 163129
282	<p>Contemporary Trade Directory Entries</p> <p>Name: Reelfix Location: Unit 4, Lower Norton La, Kewstoke, Weston-super-Mare, Avon, BS22 9YR Classification: Builders' Merchants Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SE (NW)	760	-	334525 163810

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
282	<p>Contemporary Trade Directory Entries</p> <p>Name: Forklift Inspections South West Location: Unit 1 Norton Lane Industrial Estate, Lower Norton Lane, Kewstoke, Weston-super-Mare, Somerset, BS22 9YR Classification: Fork Lift Trucks Status: Active Positional Accuracy: Manually positioned within the geographical locality</p>	A17SE (NW)	791	-	334513 163843
283	<p>Contemporary Trade Directory Entries</p> <p>Name: Silverbear Designs Location: 11a, New Bristol Road, Weston-super-Mare, Avon, BS22 6AD Classification: Jewellery Manufacturers & Repairers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A8SE (S)	762	-	335150 162398
284	<p>Contemporary Trade Directory Entries</p> <p>Name: Formula First Tyres Location: 12 Station Road, Worle, Weston-super-Mare, Somerset, BS22 6AF Classification: Mot Testing Centres Status: Active Positional Accuracy: Manually positioned to the road within the address or location</p>	A9NW (SE)	777	-	335747 162624
284	<p>Contemporary Trade Directory Entries</p> <p>Name: Station Road Cars Location: Flat 6, Fussells Court, 11, Station Road, Worle, Weston-super-Mare, Avon, BS22 6AF Classification: Car Dealers - Used Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9NW (SE)	813	-	335780 162606
285	<p>Contemporary Trade Directory Entries</p> <p>Name: Alan Brown Location: 38, Sunningdale Road, Weston-super-Mare, Avon, BS22 6XP Classification: Domestic Appliances - Servicing, Repairs & Parts Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	783	-	335964 163334
285	<p>Contemporary Trade Directory Entries</p> <p>Name: Kestrel Carpet Cleaning Location: 3, Gleneagles Close, Weston-super-Mare, Avon, BS22 6XY Classification: Carpet, Curtain & Upholstery Cleaners Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	799	-	335985 163313
285	<p>Contemporary Trade Directory Entries</p> <p>Name: R B S Tec Location: 40, Sunningdale Road, Weston-super-Mare, BS22 6XP Classification: Office Equipment Servicing & Maintenance Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	818	-	335995 163358
285	<p>Contemporary Trade Directory Entries</p> <p>Name: Rbs Tec Location: 40, Sunningdale Road, Weston-super-Mare, Avon, BS22 6XP Classification: Office Equipment Servicing & Maintenance Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	818	-	335995 163358
286	<p>Contemporary Trade Directory Entries</p> <p>Name: Symonds Retail Ltd Location: 1-3, New Bristol Road, Weston-super-Mare, Avon, BS22 6AD Classification: Petrol Filling Stations Status: Inactive Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	807	-	335079 162355
286	<p>Contemporary Trade Directory Entries</p> <p>Name: B P Service Station Location: 1-3, New Bristol Road, Weston-super-Mare, Avon, BS22 6AD Classification: Petrol Filling Stations Status: Active Positional Accuracy: Automatically positioned to the address</p>	A8SW (S)	810	-	335059 162354
287	<p>Contemporary Trade Directory Entries</p> <p>Name: Stotts Blinds Location: 12, Dame Court Close, Weston-super-Mare, Avon, BS22 7PT Classification: Blinds, Awnings & Canopies Status: Active Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	812	-	335820 163762

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
288	<p>Contemporary Trade Directory Entries</p> <p>Name: Emerald Mobility Location: 2, Trenleigh Drive, Weston-super-Mare, Avon, BS22 6NA Classification: Disability Equipment - Manufacturers & Suppliers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	813	-	335990 162993
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Weston-Super-Mare Crematorium Location: Ebdon Road, Weston-super-Mare, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Weston Super Mare Crematorium Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Clevedon Cemetery Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Portishead Cemetery Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Milton Road Cemetery Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Nailsea Garden Of Remembrance Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Ebdon Road Cemetery Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
289	<p>Contemporary Trade Directory Entries</p> <p>Name: Weston Super Mare Crematorium Location: Ebdon Road, Weston-super-Mare, Avon, BS22 9NY Classification: Cemeteries & Crematoria Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	814	-	335634 163968
290	<p>Contemporary Trade Directory Entries</p> <p>Name: M C S Location: 31, Seabrook Road, Weston-super-Mare, BS22 8JF Classification: Boilers - Servicing, Replacements & Repairs Status: Active Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	854	-	334713 162416
291	<p>Contemporary Trade Directory Entries</p> <p>Name: Hatley Garage Ltd Location: 86, Kewstoke Road, Kewstoke, Weston-super-Mare, Avon, BS22 9YH Classification: Garage Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A12NW (W)	889	-	334194 163429
292	<p>Contemporary Trade Directory Entries</p> <p>Name: Reelfix Ltd Location: Unit 4, Lower Norton La, Kewstoke, Weston-super-Mare, Avon, BS22 9YR Classification: Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	902	-	334329 163789

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
292	<p>Contemporary Trade Directory Entries</p> <p>Name: Reelfix Ltd Location: Unit 4,Norton Industrial Estate,Lower Norton La, Kewstoke, Weston-super-Mare, Avon, BS22 9YR Classification: Builders' Tools & Equipment Manufacturers Status: Inactive Positional Accuracy: Manually positioned to the road within the address or location</p>	A17SW (NW)	911	-	334316 163786
293	<p>Contemporary Trade Directory Entries</p> <p>Name: Bridgwater Reclamation Location: 7, Parklands Avenue, Weston-super-Mare, Avon, BS22 7PS Classification: Salvage Dealers Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19SE (NE)	903	-	335964 163694
294	<p>Contemporary Trade Directory Entries</p> <p>Name: A R C Welded Fabrications Location: 18, St. Michaels Avenue, Weston-super-Mare, Avon, BS22 7PD Classification: Wrought Ironwork Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	913	-	336092 163355
295	<p>Contemporary Trade Directory Entries</p> <p>Name: A A Harvey Field Sports Location: 90, New Bristol Road, Weston-super-Mare, Avon, BS22 6AL Classification: Gunsmiths Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A9SW (SE)	930	-	335807 162471
296	<p>Contemporary Trade Directory Entries</p> <p>Name: M & J'S The Smart Choice Location: 59, Westbrook Road, Weston-super-Mare, Avon, BS22 8JY Classification: Car Body Repairs Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A7SE (SW)	932	-	334471 162482
297	<p>Contemporary Trade Directory Entries</p> <p>Name: Essjay'S Location: 3, Lester Drive, Weston-super-Mare, Avon, BS22 6NG Classification: Cleaning Services - Domestic Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A14SE (E)	941	-	336124 163005
298	<p>Contemporary Trade Directory Entries</p> <p>Name: Airline Installations Location: 169, The Cornfields, Weston-super-Mare, Avon, BS22 9DZ Classification: Air Compressors Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A19NW (NE)	962	-	335799 164022
299	<p>Contemporary Trade Directory Entries</p> <p>Name: Powerclean Patio & Driveway Cleaning Location: 33, ST MARKS ROAD, WESTON-SUPER-MARE, BS22 7PF Classification: Steam Cleaning Services Status: Active Positional Accuracy: Automatically positioned to the address</p>	A14NE (E)	965	-	336132 163417
300	<p>Contemporary Trade Directory Entries</p> <p>Name: Kewstoke Motor Services Location: Unit 3, Lower Norton Lane, Kewstoke, Weston-super-Mare, BS22 9YR Classification: Garage Services Status: Inactive Positional Accuracy: Automatically positioned to the address</p>	A17SW (NW)	995	-	334280 163879
301	<p>Fuel Station Entries</p> <p>Name: Mfg Worle Location: 3, New Bristol Road , Worle , Weston-Super-Mare, North Somerset, BS22 6AD Brand: BP Premises Type: Petrol Station Status: Open Positional Accuracy: Manually positioned to the address or location</p>	A8SW (S)	809	-	335061 162355
302	<p>Fuel Station Entries</p> <p>Name: New Bristol Road Service Station Location: New Bristol Road , Worle , Weston-Super-Mare, North Somerset, BS22 6AJ Brand: Unbranded Premises Type: Not Applicable Status: Obsolete Positional Accuracy: Manually positioned to the road within the address or location</p>	A9SE (SE)	928	-	335834 162498

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
303	Points of Interest - Commercial Services Name: G P R Logistics Location: Unit 14-15 Worle Quarry, Kewstoke Road, Kewstoke, BS22 9LF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	81	8	335141 163405
303	Points of Interest - Commercial Services Name: V T S Mario Location: Lower Kewstoke Road, Worle, Weston-super-Mare, Somerset, BS22 9LF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	116	8	335185 163430
303	Points of Interest - Commercial Services Name: Superior Valeting Services Location: The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A13NE (N)	131	8	335153 163455
303	Points of Interest - Commercial Services Name: Collingwood Autos Location: The Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	131	8	335153 163455
303	Points of Interest - Commercial Services Name: Collingwood Autos Location: Unit 1-3 The Old Quarry, Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	131	8	335153 163455
303	Points of Interest - Commercial Services Name: Dssw Ltd Location: Unit 1 Lower Kewstoke Road, Worle, Weston-super-Mare, BS22 9LF Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A13NE (N)	132	8	335153 163455
303	Points of Interest - Commercial Services Name: Charlie's Autos Location: The Old Quarry, Lower Kewstoke Road, Worle, Weston Super Mare, Avon, BS22 9LF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A13NE (N)	132	8	335153 163455
304	Points of Interest - Commercial Services Name: Commercial Body Repairs Ltd Location: 86 Balmoral Way, Weston-super-Mare, BS22 9DJ Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NW (SW)	434	8	334822 162838
305	Points of Interest - Commercial Services Name: Scaurs Garage Location: 15 The Scaurs, Weston-super-Mare, BS22 6QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	467	8	335573 162896
305	Points of Interest - Commercial Services Name: The Scaurs Garage Location: 11 The Scaurs, Weston-super-Mare, BS22 6QR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	476	8	335580 162890
306	Points of Interest - Commercial Services Name: Autobliss Location: Coronation Road, Weston-super-Mare, BS22 6DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	522	8	335166 162637

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
306	Points of Interest - Commercial Services Name: Coronation Garage Location: Coronation Road, Weston-super-Mare, BS22 6DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	530	8	335173 162630
306	Points of Interest - Commercial Services Name: Coronation Garage Location: Coronation Road, Weston-super-Mare, BS22 6DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	530	8	335173 162630
306	Points of Interest - Commercial Services Name: Coronation Garage Location: Coronation Road, Weston-super-Mare, BS22 6DT Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A8NE (S)	530	8	335173 162630
307	Points of Interest - Commercial Services Name: Iota Garden & Home Location: Manor Farm, Collum Lane, Kewstoke, BS22 9JL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	604	8	335125 163928
307	Points of Interest - Commercial Services Name: Seahunt Poland Ltd Location: Seahunt House Unit 9 Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	604	8	335125 163928
307	Points of Interest - Commercial Services Name: Mark Carrow Auto Services Location: Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	604	8	335125 163928
308	Points of Interest - Commercial Services Name: South West Vehicle & Licensing Location: 1 Drake Close, Weston-super-Mare, BS22 9QA Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A19SW (NE)	614	8	335623 163699
309	Points of Interest - Commercial Services Name: Redgate Recycling Ltd Location: Unit 5 Oxhouse Industrial Estate, Ebdon Road, Weston-super-Mare, BS22 6UB Category: Recycling Services Class Code: Recycling, Reclamation and Disposal Positional Accuracy: Positioned to address or location	A9NW (SE)	622	8	335757 162902
310	Points of Interest - Commercial Services Name: E T R Location: Unit 4 Manor Farm, Collum Lane, Kewstoke, Weston-super-Mare, BS22 9JL Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A18NW (N)	707	8	335073 164028
310	Points of Interest - Commercial Services Name: Madregal Designs Ltd Location: Unit 6 Manor Farm, Collum Lane, Kewstoke, BS22 9JL Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A18NW (N)	732	8	335064 164053
310	Points of Interest - Commercial Services Name: Avon Classic Cars Location: Unit 24 Manor Farm, Collum Lane, Kewstoke, BS22 9JL Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A18NW (N)	769	8	335088 164092

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
311	Points of Interest - Commercial Services Name: Mfg Worle Location: 1-3 New Bristol Road, Weston-super-Mare, Avon, BS22 6AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	792	8	335102 162369
311	Points of Interest - Commercial Services Name: Car Wash Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	809	8	335061 162355
311	Points of Interest - Commercial Services Name: B P Car Wash Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A8SW (S)	810	8	335059 162354
312	Points of Interest - Commercial Services Name: Formula 1st Tyres Location: Flat 6 Fussells Court 11, Station Road, Worle, Weston-super-Mare, BS22 6AF Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A9NW (SE)	806	8	335782 162619
313	Points of Interest - Commercial Services Name: Clean Machine Location: 18 Vicarage Close, Weston-super-Mare, BS22 7PA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	815	8	336001 163310
313	Points of Interest - Commercial Services Name: Clean Machine Location: 18 Vicarage Close, Weston-super-Mare, BS22 7PA Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A14NE (E)	815	8	336001 163310
314	Points of Interest - Commercial Services Name: IMO - arc Clean Car Centres Location: 79 New Bristol Road, Weston-super-Mare, BS22 6AJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	865	8	335737 162497
314	Points of Interest - Commercial Services Name: R M W Valeting Location: New Bristol Road, Weston-super-Mare, BS22 6AJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	866	8	335738 162498
314	Points of Interest - Commercial Services Name: IMO - arc Clean Car Centres Location: New Bristol Road, Weston-super-Mare, BS22 6AJ Category: Personal, Consumer and other Services Class Code: Vehicle Cleaning Services Positional Accuracy: Positioned to address or location	A9SW (SE)	866	8	335738 162498
315	Points of Interest - Commercial Services Name: Hatley Garage Ltd Location: 86 Kewstoke Road, Kewstoke, BS22 9YH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	888	8	334194 163429
315	Points of Interest - Commercial Services Name: Hatley Garage Location: 86 Kewstoke Road, Kewstoke, Weston-super-Mare, BS22 9YH Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A12NW (W)	889	8	334194 163429
316	Points of Interest - Commercial Services Name: Forklift Inspections South West Location: Unit 1-2, Lower Norton Lane, Kewstoke, Weston-super-Mare, BS22 9YR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	895	8	334351 163807

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
317	Points of Interest - Commercial Services Name: Bridgwater Reclamation Location: 7 Parklands Avenue, Weston-super-Mare, BS22 7PS Category: Recycling Services Class Code: Scrap Metal Merchants Positional Accuracy: Positioned to address or location	A19SE (NE)	903	8	335964 163694
318	Points of Interest - Commercial Services Name: Creative Metal Craft Location: 19 Mayfield Avenue, Weston-super-Mare, BS22 6AA Category: Construction Services Class Code: Metalworkers Including Blacksmiths Positional Accuracy: Positioned to address or location	A3NE (S)	981	8	335180 162179
319	Points of Interest - Commercial Services Name: Kewstoke Motor Services Location: Unit 3 Norton Farmhouse, Lower Norton Lane, Kewstoke, BS22 9YR Category: Repair and Servicing Class Code: Vehicle Repair, Testing and Servicing Positional Accuracy: Positioned to address or location	A17SW (NW)	995	8	334279 163878
320	Points of Interest - Manufacturing and Production Name: Quarry (Disused) Location: BS22 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A13SW (NW)	0	8	335127 163240
321	Points of Interest - Manufacturing and Production Name: Works Location: BS22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	64	8	335151 163387
321	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A13NE (N)	73	8	335165 163391
322	Points of Interest - Manufacturing and Production Name: Works Location: BS22 Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	607	8	335623 162740
322	Points of Interest - Manufacturing and Production Name: Works Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	610	8	335624 162737
323	Points of Interest - Manufacturing and Production Name: Tanks Location: BS22 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	786	8	335795 162663
323	Points of Interest - Manufacturing and Production Name: Factory Location: Not Supplied Category: Industrial Features Class Code: Unspecified Works Or Factories Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	796	8	335784 162635
324	Points of Interest - Manufacturing and Production Name: Tank Location: BS22 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A8SW (S)	828	8	334864 162380
325	Points of Interest - Manufacturing and Production Name: Tanks Location: BS22 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A9SW (S)	946	8	335487 162271

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
326	Points of Interest - Public Infrastructure Name: Spoil Tip Location: BS22 Category: Infrastructure and Facilities Class Code: Waste Storage, Processing and Disposal Positional Accuracy: Positioned to an adjacent address or location	A18SE (N)	629	8	335386 163902
327	Points of Interest - Public Infrastructure Name: Cemetery Location: BS22 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	802	8	335687 163908
327	Points of Interest - Public Infrastructure Name: Weston-super-mare Crematorium Location: Ebdon Road, Weston-super-Mare, BS22 9NY Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A19NW (NE)	814	8	335634 163968
327	Points of Interest - Public Infrastructure Name: Weston Super Mare Crematorium Location: Ebdon Road, Weston-super-Mare, BS22 9NY Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A19NW (NE)	814	8	335634 163968
327	Points of Interest - Public Infrastructure Name: Weston Super Mare Crematorium Location: Ebdon Road, Weston-super-Mare, BS22 9NY Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A19NW (NE)	814	8	335634 163968
327	Points of Interest - Public Infrastructure Name: Crematorium Location: BS22 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to address or location	A19NW (NE)	815	8	335627 163975
327	Points of Interest - Public Infrastructure Name: Cemetery Location: BS22 Category: Infrastructure and Facilities Class Code: Cemeteries and Crematoria Positional Accuracy: Positioned to an adjacent address or location	A19NW (NE)	879	8	335676 164018
328	Points of Interest - Public Infrastructure Name: Jeff Brown Ltd Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	807	8	335079 162355
328	Points of Interest - Public Infrastructure Name: Symonds of Worle Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	809	8	335061 162355
328	Points of Interest - Public Infrastructure Name: BP Service Stations Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	810	8	335061 162354
328	Points of Interest - Public Infrastructure Name: BP Service Station Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	810	8	335059 162354
328	Points of Interest - Public Infrastructure Name: Jeff Brown - Worle Location: 1-3 New Bristol Road, Weston-super-Mare, BS22 6AD Category: Road And Rail Class Code: Petrol and Fuel Stations Positional Accuracy: Positioned to address or location	A8SW (S)	810	8	335059 162354

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
329	Points of Interest - Recreational and Environmental Name: Playground Location: High Street, BS22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to address or location	A9NE (SE)	834	8	335852 162657
329	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)	841	8	335854 162648
330	Points of Interest - Recreational and Environmental Name: Play Area Location: BS22 Category: Recreational Class Code: Playgrounds Positional Accuracy: Positioned to an adjacent address or location	A9SE (SE)	907	8	335833 162527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
331	Ancient Woodland Name: Worle Hill Wood Reference: 1109351 Area(m ²): 28364.31 Type: Ancient and Semi-Natural Woodland	A13NW (NW)	268	9	334907 163499

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Environment Agency - Head Office North Somerset Council - Environmental Health Department	June 2020 October 2017	Annually Annual Rolling Update
Discharge Consents Environment Agency - South West Region	January 2023	Quarterly
Enforcement and Prohibition Notices Environment Agency - South West Region	March 2013	
Integrated Pollution Controls Environment Agency - South West Region	January 2009	
Integrated Pollution Prevention And Control Environment Agency - South West Region	January 2023	Quarterly
Local Authority Integrated Pollution Prevention And Control North Somerset Council - Environmental Health Department	March 2015	Variable
Local Authority Pollution Prevention and Controls North Somerset Council - Environmental Health Department	March 2015	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements North Somerset Council - Environmental Health Department	September 2013	Variable
Nearest Surface Water Feature Ordnance Survey	January 2023	
Pollution Incidents to Controlled Waters Environment Agency - South West Region	September 1999	
Prosecutions Relating to Authorised Processes Environment Agency - South West Region	July 2015	
Prosecutions Relating to Controlled Waters Environment Agency - South West Region	March 2013	
Registered Radioactive Substances Environment Agency - South West Region	June 2016	As notified
River Quality Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	
River Quality Chemistry Sampling Points Environment Agency - Head Office	April 2012	
Substantiated Pollution Incident Register Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2023 January 2023	Quarterly Quarterly
Water Abstractions Environment Agency - South West Region	April 2023	Quarterly
Water Industry Act Referrals Environment Agency - South West Region	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	Annually
Superficial Aquifer Designations Environment Agency - Head Office	January 2018	Annually
Source Protection Zones Environment Agency - Head Office	September 2022	Bi-Annually

Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Flooding from Rivers or Sea without Defences Environment Agency - Head Office	February 2023	Quarterly
Areas Benefiting from Flood Defences Environment Agency - Head Office	February 2023	Quarterly
Flood Water Storage Areas Environment Agency - Head Office	February 2023	Quarterly
Flood Defences Environment Agency - Head Office	August 2022	Quarterly
OS Water Network Lines Ordnance Survey	January 2023	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



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	March 2023	Quarterly
Integrated Pollution Control Registered Waste Sites Environment Agency - South West Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2023 January 2023	Quarterly Quarterly
Licensed Waste Management Facilities (Locations) Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	January 2023 January 2023	Quarterly Quarterly
Local Authority Landfill Coverage North Somerset Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites North Somerset Council	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 - North Wessex Area Environment Agency - South West Region - Wessex Area	March 2006 March 2006	Not Applicable Not Applicable
Registered Waste Transfer Sites Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Environment Agency - South West Region - North Wessex Area Environment Agency - South West Region - Wessex Area	June 2015 June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	March 2023	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements North Somerset Council	February 2016	Variable
Planning Hazardous Substance Consents North Somerset Council	February 2016	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	November 2022	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	Annual Rolling Update
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	September 2022	Annually
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	September 2022	Annually

Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries Thomson Directories	January 2023	Quarterly
Fuel Station Entries Catalist Ltd - Experian	February 2023	Quarterly
Gas Pipelines National Grid	October 2021	Bi-Annually
Points of Interest - Commercial Services PointX	March 2023	Quarterly
Points of Interest - Education and Health PointX	March 2023	Quarterly
Points of Interest - Manufacturing and Production PointX	March 2023	Quarterly
Points of Interest - Public Infrastructure PointX	March 2023	Quarterly
Points of Interest - Recreational and Environmental PointX	March 2023	Quarterly
Underground Electrical Cables National Grid	February 2023	Bi-Annually

Sensitive Land Use	Version	Update Cycle
Ancient Woodland Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt North Somerset Council	July 2022	Quarterly
Areas of Unadopted Green Belt North Somerset Council	July 2022	Quarterly
Areas of Outstanding Natural Beauty Natural England	August 2022	Bi-Annually
Environmentally Sensitive Areas Natural England	January 2017	
Forest Parks Forestry Commission	April 1997	Not Applicable
Local Nature Reserves Natural England	March 2023	Bi-Annually
Marine Nature Reserves Natural England	April 2023	Bi-Annually
National Nature Reserves Natural England	February 2023	Bi-Annually
National Parks Natural England	February 2018	Bi-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 March 2023	Bi-Annually
Ramsar Sites Natural England Natural Resources Wales	March 2023 March 2023	Bi-Annually Bi-Annually
Sites of Special Scientific Interest Natural England	March 2023	Bi-Annually
Special Areas of Conservation Natural England Natural Resources Wales	April 2023 April 2023	Bi-Annually Bi-Annually
Special Protection Areas Natural England Natural Resources Wales	April 2023 April 2023	Bi-Annually 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	 Cyfoeth Naturiol Cymru Natural Resources Wales
Scottish Natural Heritage	 SCOTTISH NATURAL HERITAGE
Natural England	 NATURAL ENGLAND
Public Health England	 Public Health England
Ove Arup	 ARUP
Stantec UK Ltd	 Stantec

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	North Somerset Council - Environmental Health Department P O Box 143, Town Hall, Weston-super-mare, Avon, BS23 1EY	Telephone: 01934 888888 Fax: 01934 634634 Website: www.n-somerset.gov.uk
4	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	North Somerset Council PO Box 140, Town Hall, Weston-super-Mare, Avon, BS23 1UJ	Telephone: 01934 888888 Fax: 01934 888822 Website: www.n-somerset.gov.uk
7	Stantec UK Ltd Caversham Bridge House, Waterman Place, Reading, RG1 8DN	Telephone: 0118 950 0761 Email: pba.reading@stantec.com Website: www.stantec.com
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website: www.naturalengland.org.uk
10	Natural Resources Wales Ty Cambria, 29 Newport Road, Cardiff, CF24 0TP	Telephone: 0300 065 3000 Email: enquiries@naturalresourceswales.gov.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 Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk
















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





Geology 1:50,000 Maps Legends

Superficial Geology

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	TFD	Tidal Flat Deposits	Clay, Silt and Sand	Not Supplied - Holocene
	TFD	Tidal Flat Deposits	Clay and Silt	Not Supplied - Holocene
	BSA	Blown Sand	Sand	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	PNG	Penarth Group	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	BLI	Blue Lias Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	WBCT	Westbury Formation and Cotham Member (Undifferentiated)	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	WBCT	Westbury Formation and Cotham Member (Undifferentiated)	Mudstone	Not Supplied - Rhaetian
	LPMB	Langport Member	Limestone	Not Supplied - Rhaetian
	BAN	Blue Anchor Formation	Mudstone	Not Supplied - Norian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
	MMG	Mercia Mudstone Group	Mudstone and Halite-stone	Not Supplied - Early Triassic
	MMMF	Mercia Mudstone Group (Marginal Facies)	Conglomerate	Not Supplied - Triassic
	CDL	Clifton Down Limestone Formation	Limestone	Not Supplied - Viséan
	GCO	Goblin Combe Oolite Formation	Limestone, Ooidal	Not Supplied - Viséan
	CDL	Clifton Down Limestone Formation	Limestone, Ooidal	Not Supplied - Viséan
	CDL	Clifton Down Limestone Formation	Dolomitised Limestone and Dolomite	Not Supplied - Viséan
	HTL	High Tor Limestone Formation	Limestone	Not Supplied - Viséan
	HTL	High Tor Limestone Formation	Limestone	Not Supplied - Viséan
	SCLA	Spring Cove Lava Member	Basalt	Not Supplied -

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
				Viséan
	CDL	Clifton Down Limestone Formation	Lime-Mudstone	Not Supplied - Viséan
	CDL	Clifton Down Limestone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Viséan
		Faults		

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Geology 1:50,000 Maps

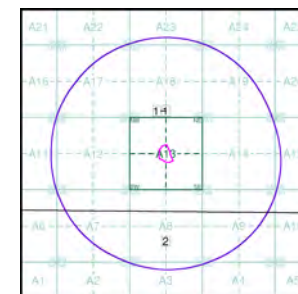
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published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

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

Geology 1:50,000 Maps Coverage

Map ID:	2	Map ID:	1
Map Sheet No:	279	Map Sheet No:	263
Map Name:	Weston-super-M	Map Name:	Cardiff
Map Date:	1980	Map Date:	1988
Bedrock Geology:	Available	Bedrock Geology:	Available
Superficial Geology:	Available	Superficial Geology:	Available
Artificial Geology:	Available	Artificial Geology:	Available
Faults:	Not Supplied	Faults:	Not Supplied
Landslip:	Available	Landslip:	Available
Rock Segments:	Not Supplied	Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

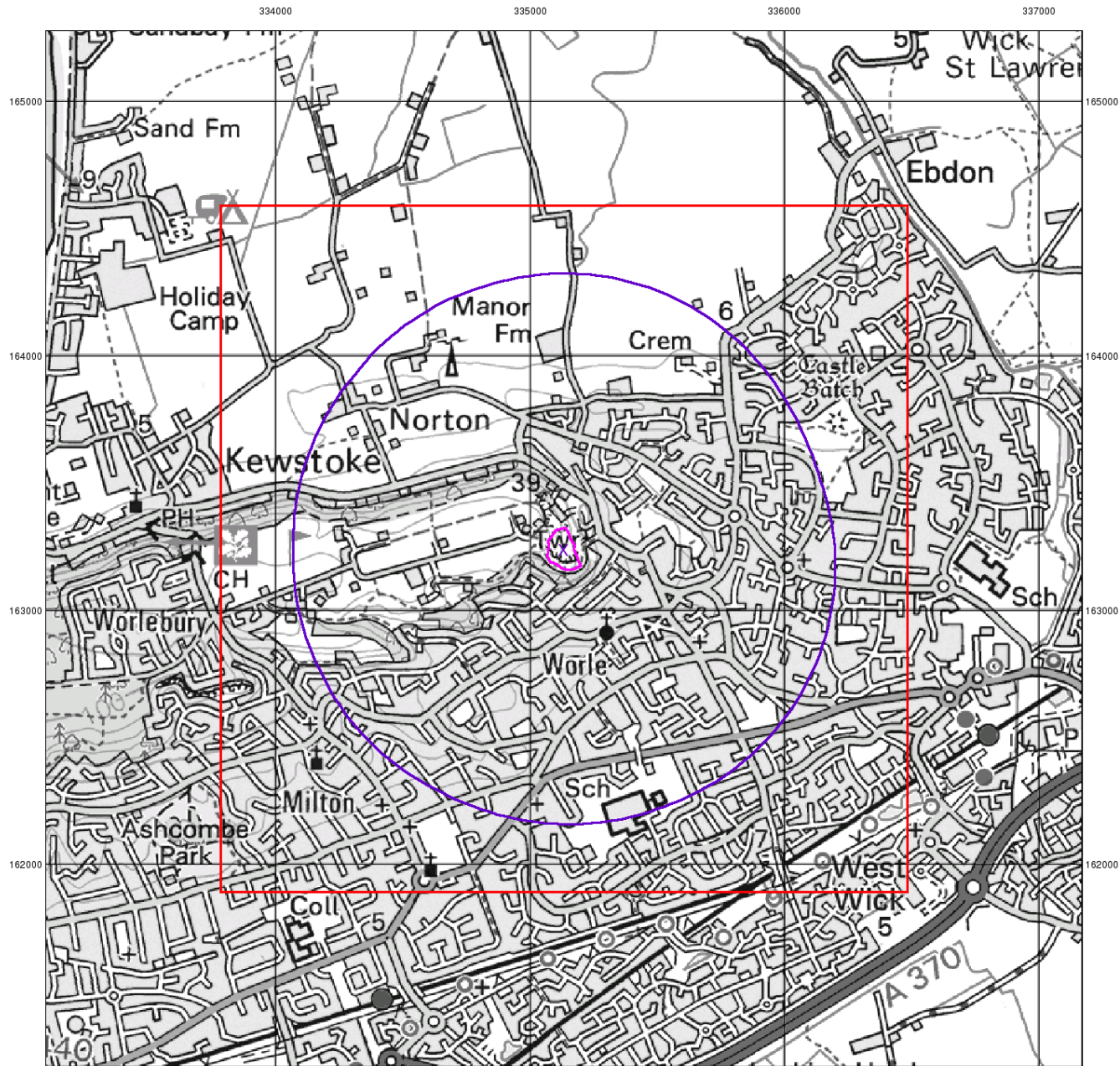
Order Number: 310224963_1_1
 Customer Reference: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details:

Site at 335140, 163200

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Artificial Ground and Landslip

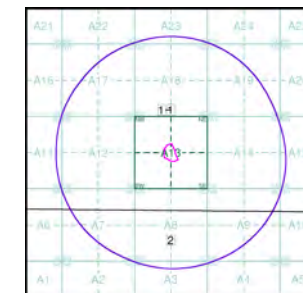
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

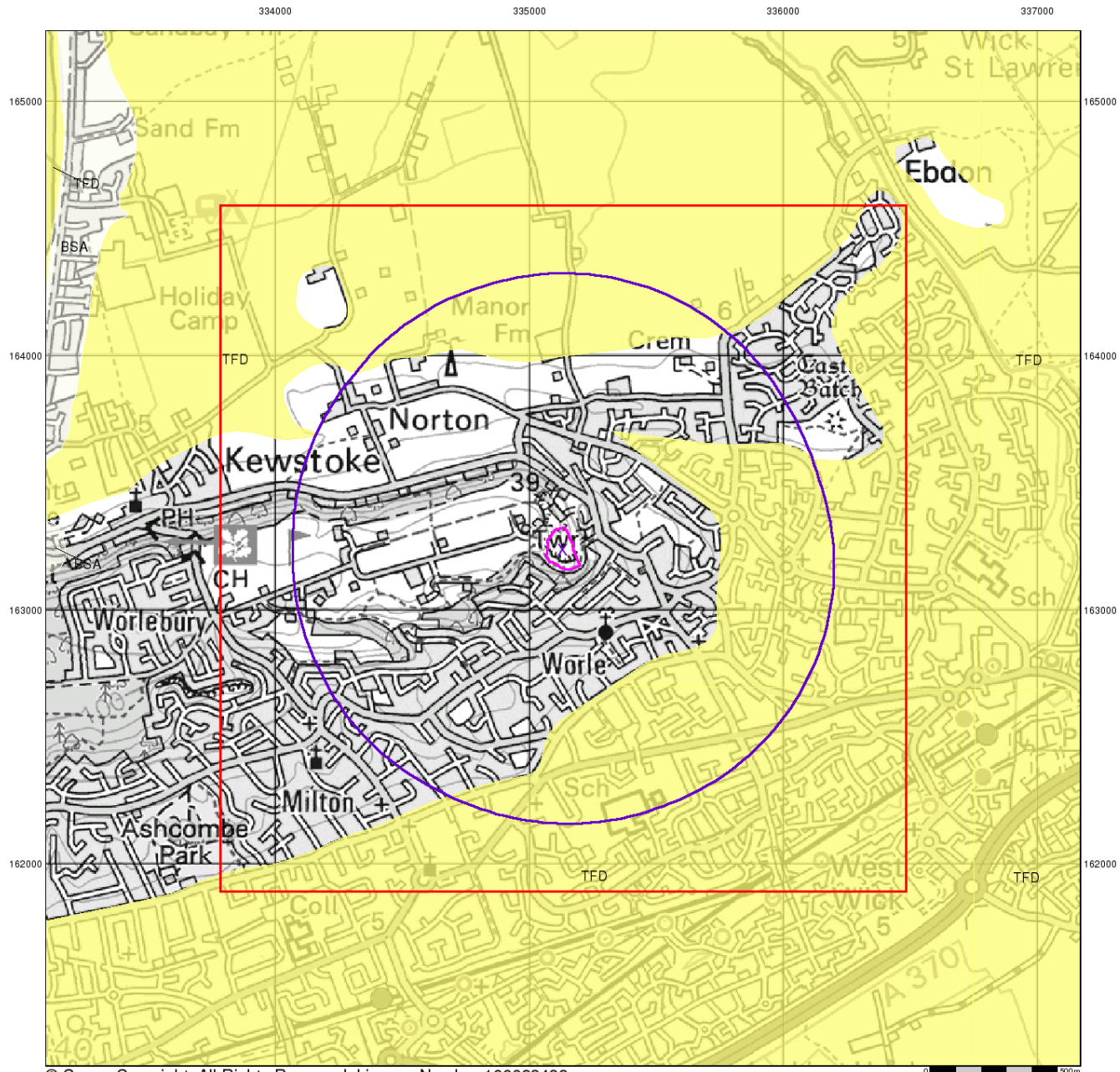
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 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details:

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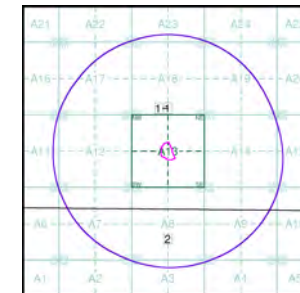
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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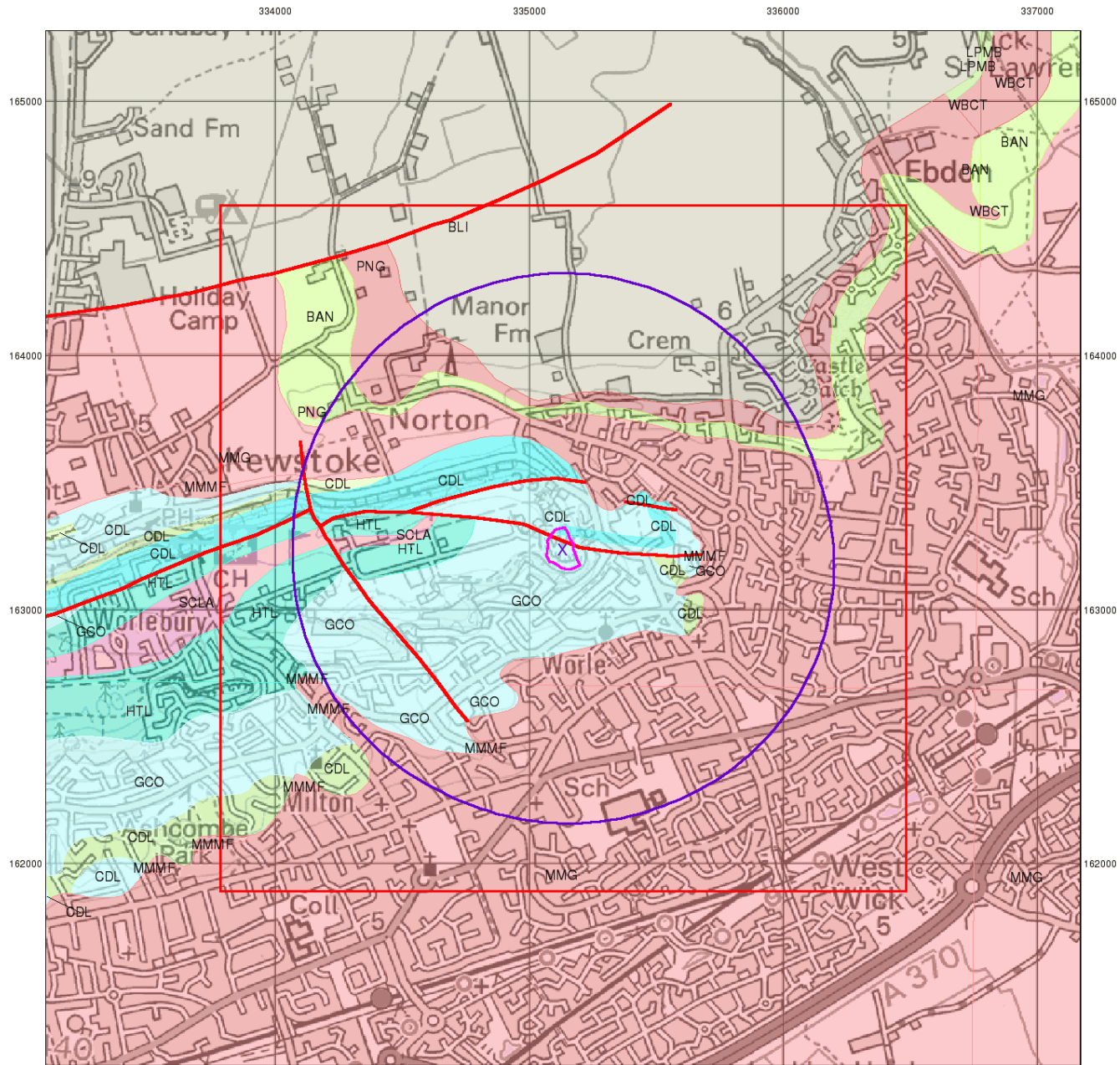
Order Number: 310224963_1_1
 Customer Reference: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details:

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Bedrock and Faults

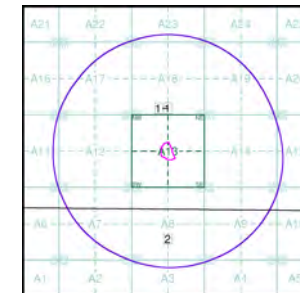
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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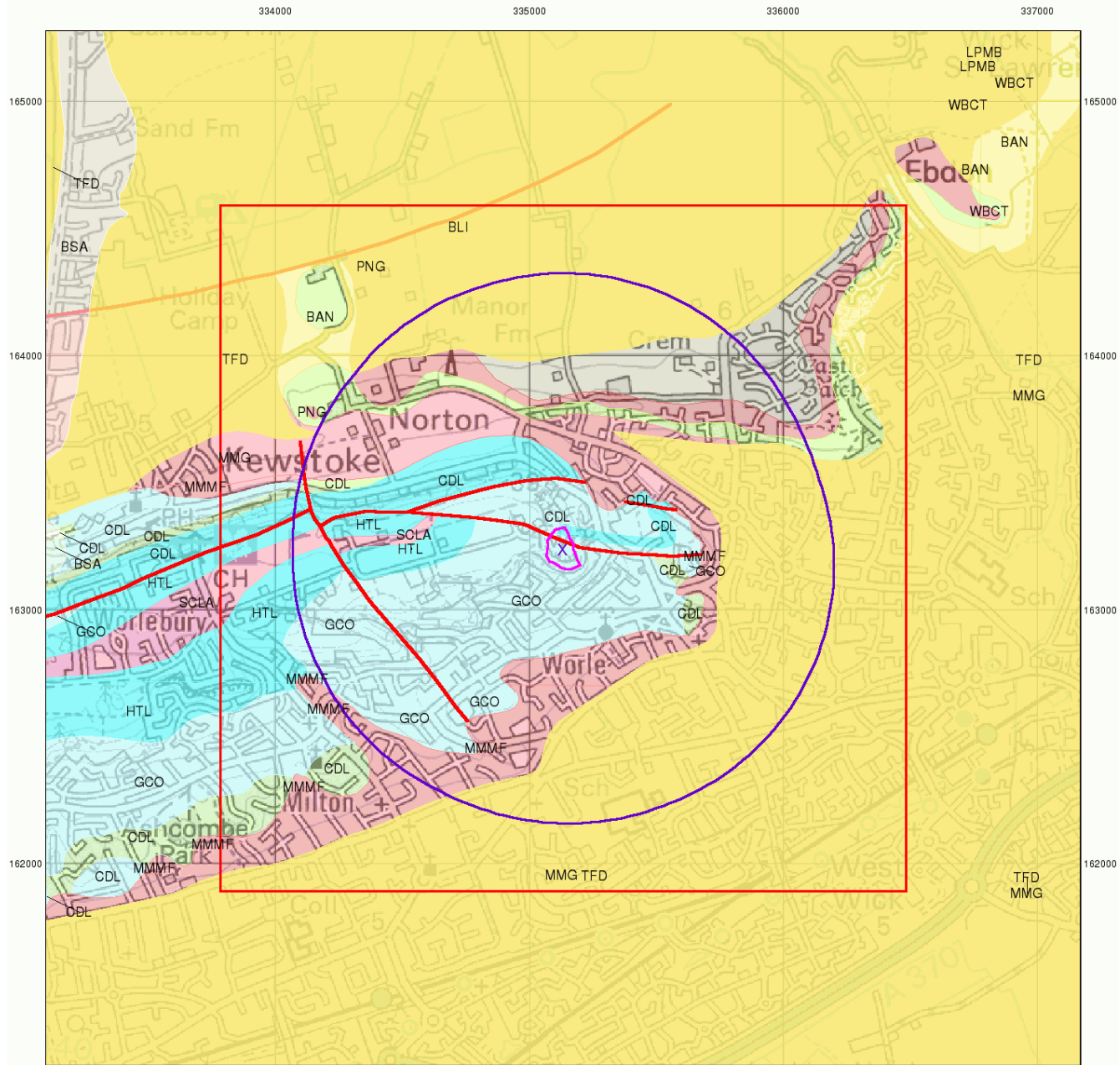
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Combined Surface Geology

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

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

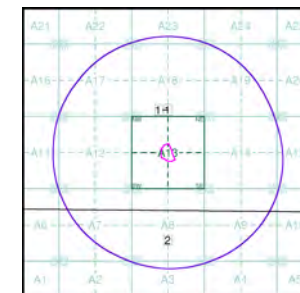
Additional Information

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

Contact

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



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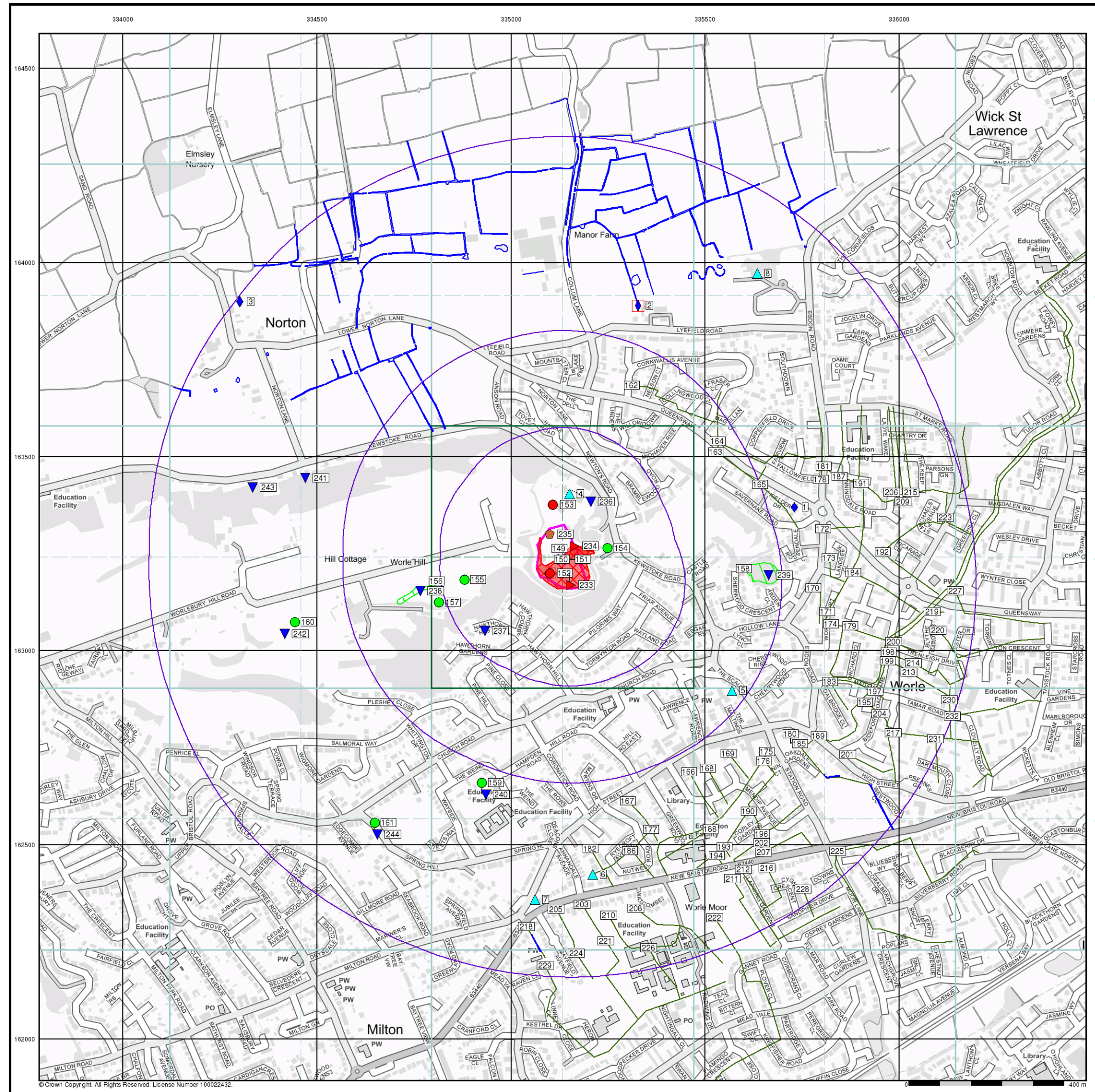
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 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details:

Site at 335140, 163200

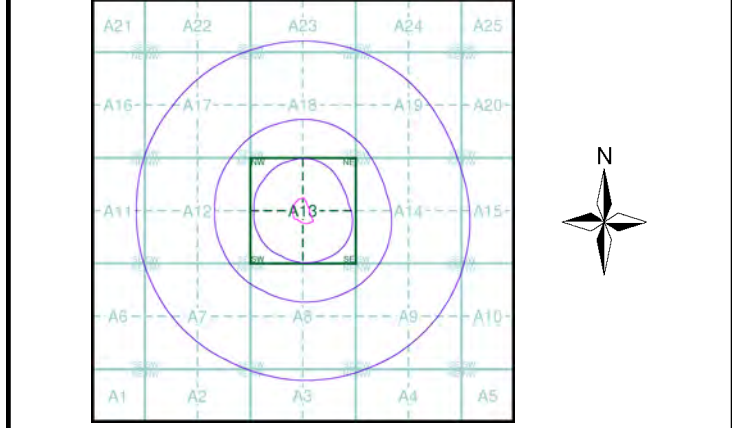
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- General**
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
- Agency and Hydrological**
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice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

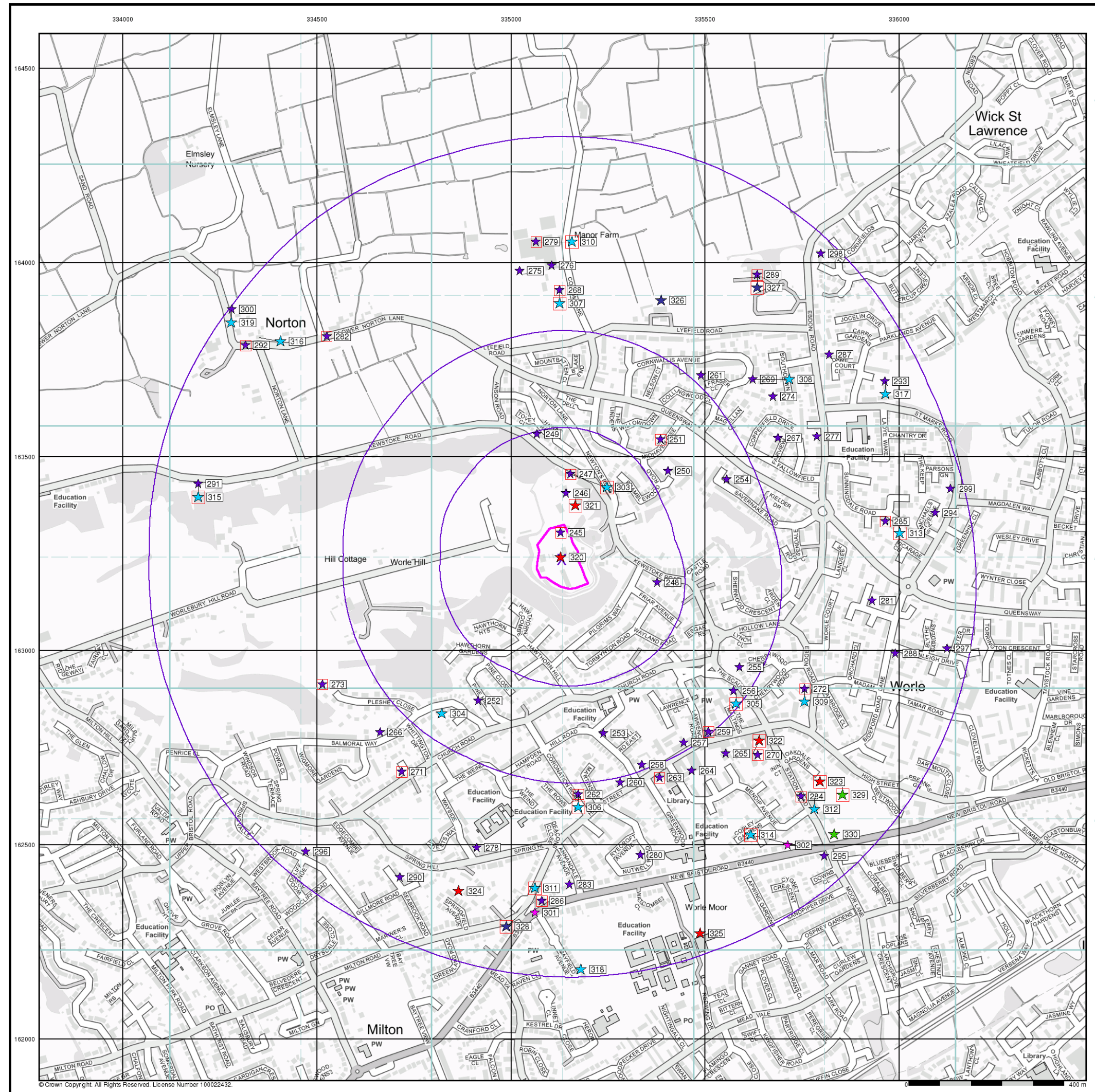


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 Customer Ref: FJ_276745
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 Slice: A
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 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



Industrial Land Use Map

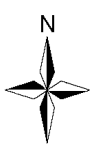
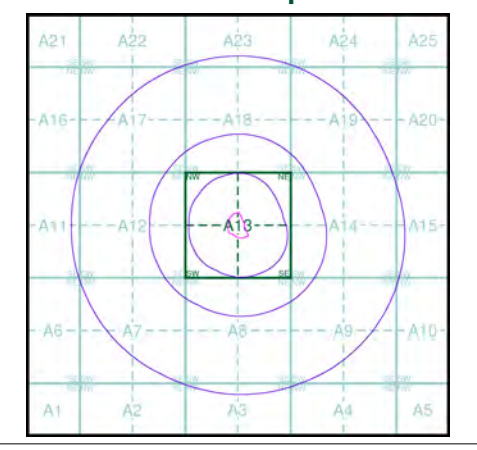
General

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

Industrial Land Use

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

Industrial Land Use Map - Slice A

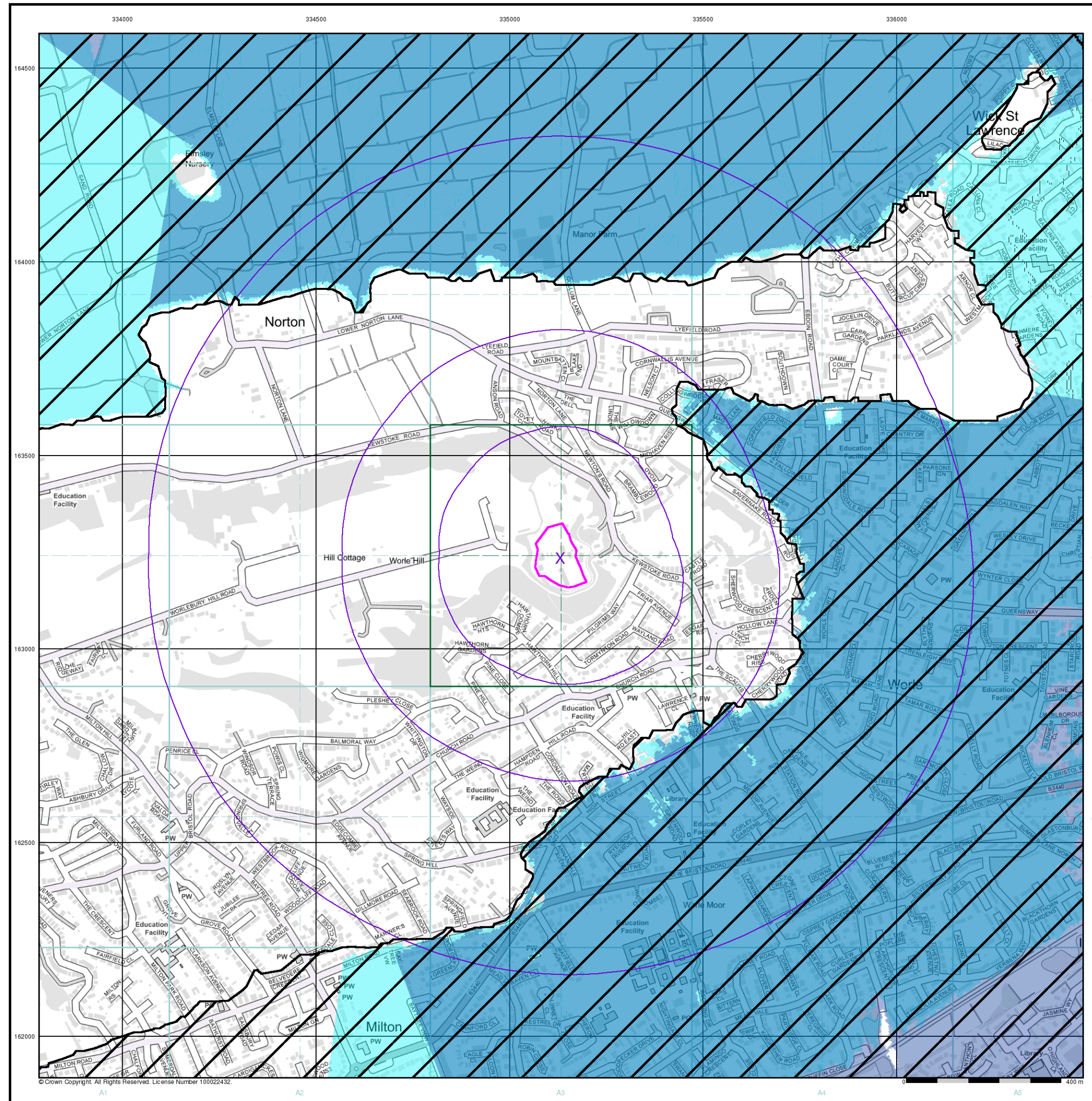


Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
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 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



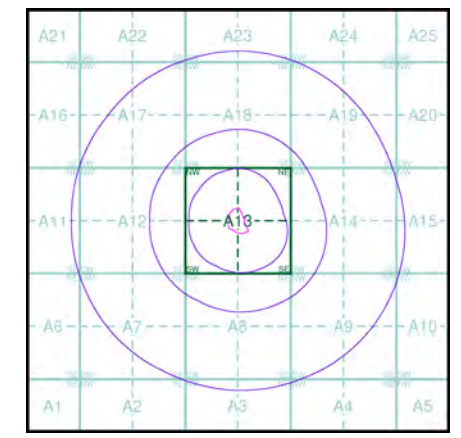
General

- 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

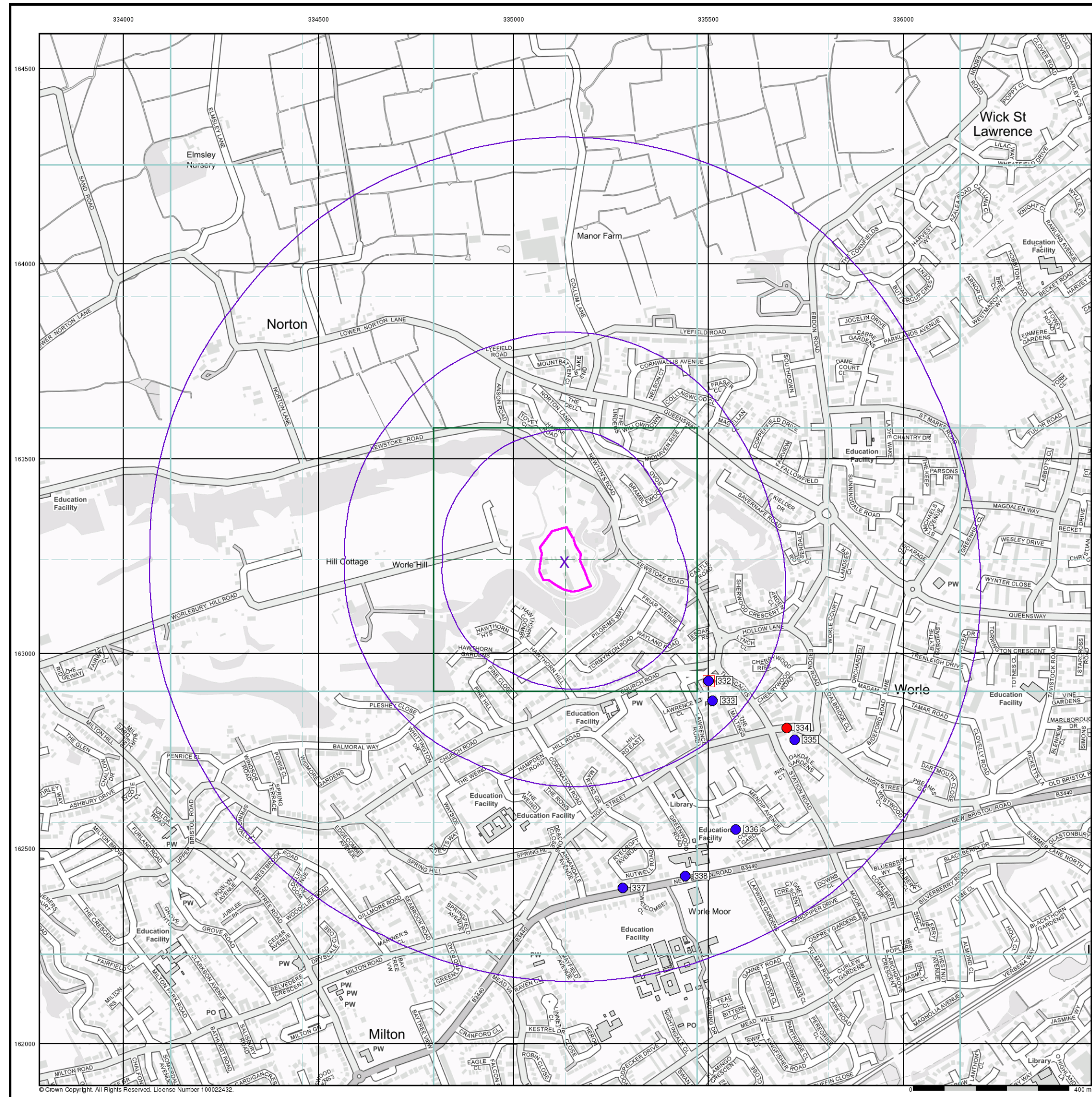


Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



General

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

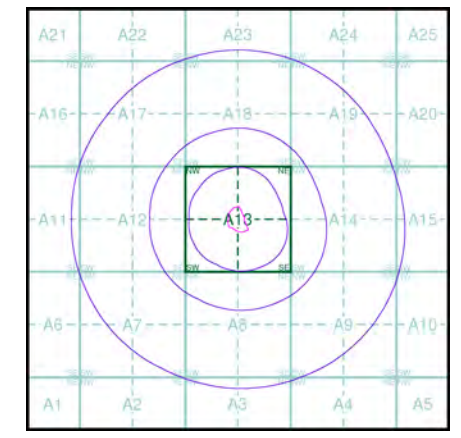
Agency and Hydrological (Boreholes)

- 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

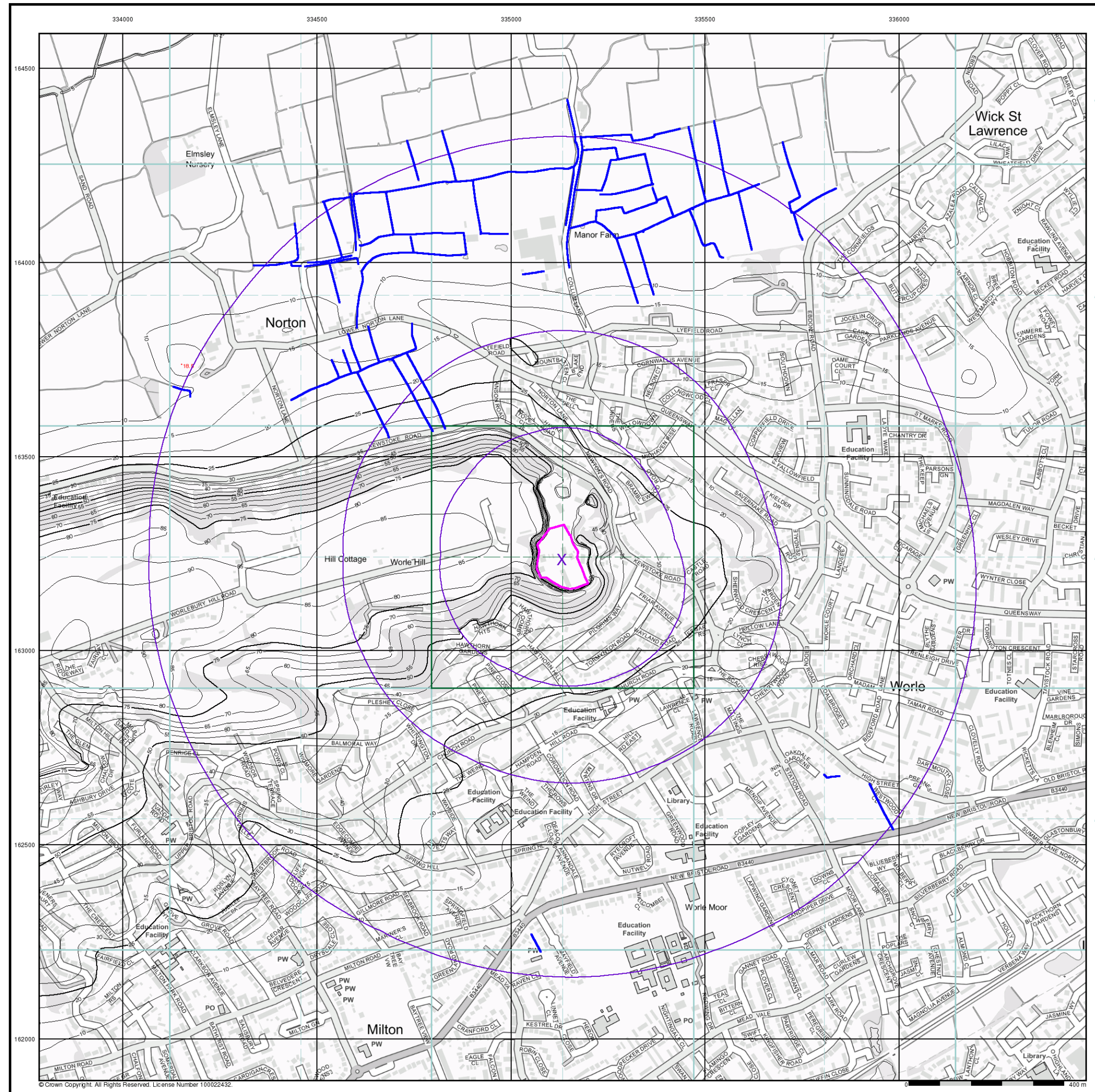


Order Details

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 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



General

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

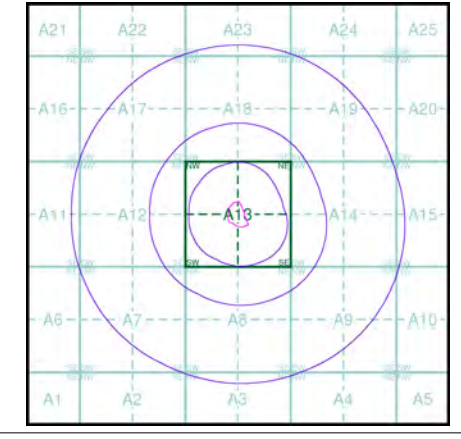
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

Site at 335140, 163200

General

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

Risk of Flooding from Surface Water

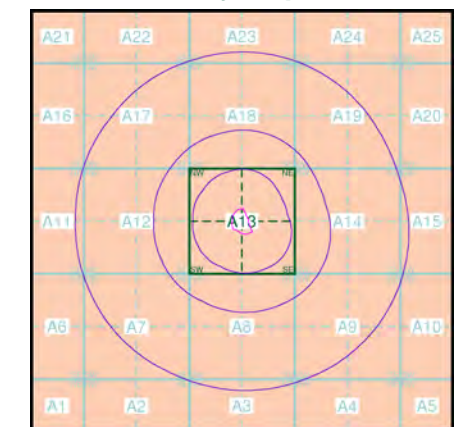
-  High - 30 Year Return
-  Medium - 100 Year Return
-  Low - 1000 Year Return

Suitability

See the suitability map below

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

EANRW Suitability Map - Slice A

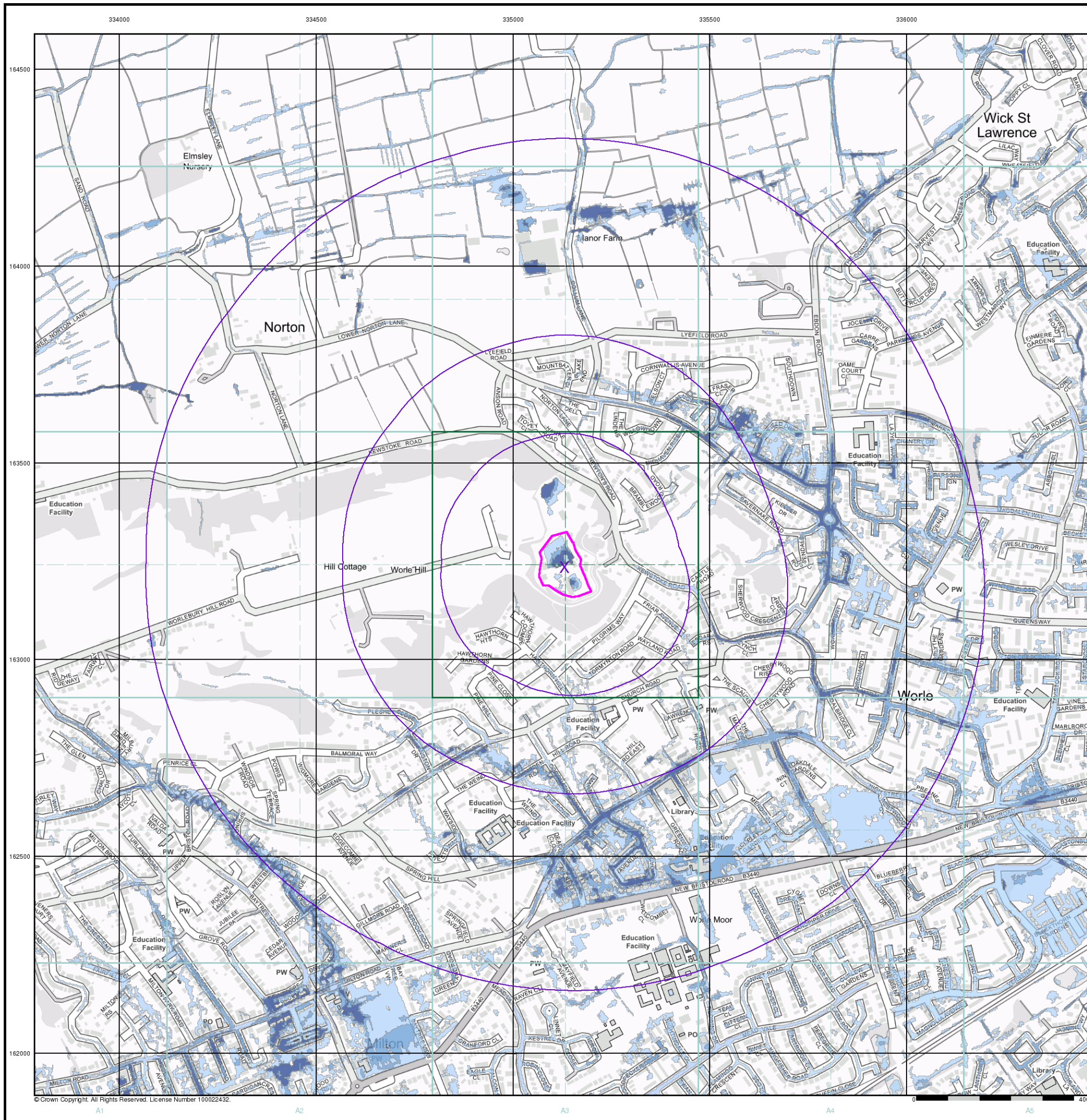


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 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



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334800

335000

335200

335400

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- River Quality Sampling Point
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- EA Historic Landfill (Buffered Point)
- EA Historic Landfill (Polygon)
- Integrated Pollution Control Registered Waste Site
- Licensed Waste Management Facility (Landfill Boundary)
- Licensed Waste Management Facility (Location)
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- Local Authority Recorded Landfill Site
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- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
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- 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

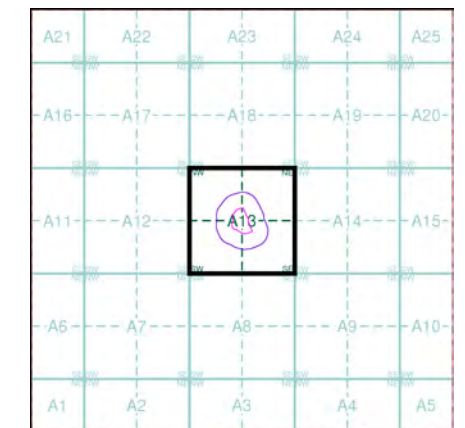
Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13

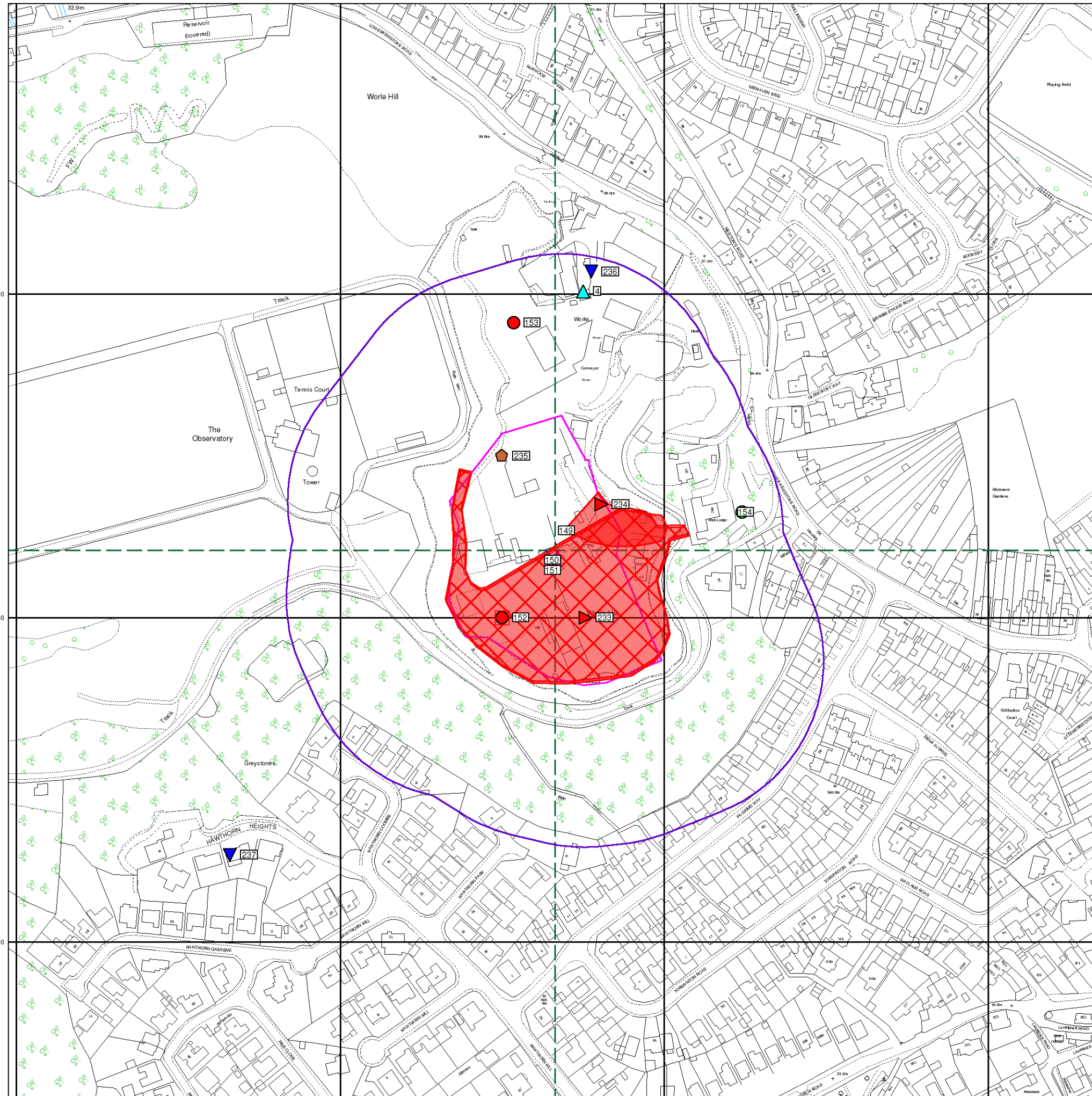


Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Plot Buffer (m): 100

Site Details

Site at 335140, 163200



Appendix E – Historical Maps

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		Minor Roads		
	Sunken Road		Raised Road		
	Road over Railway		Railway over River		
	Railway over Road		Level Crossing		
	Road over River or Canal		Road over Stream		
	Road over Stream				
	County Boundary (Geographical)				
	County & Civil Parish Boundary				
	Administrative County & Civil Parish Boundary				
	County Borough Boundary (England)				
	County Burgh Boundary (Scotland)				
	Rural District Boundary				
	Civil Parish Boundary				

Ordnance Survey Plan 1:10,000

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

1:10,000 Raster Mapping

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

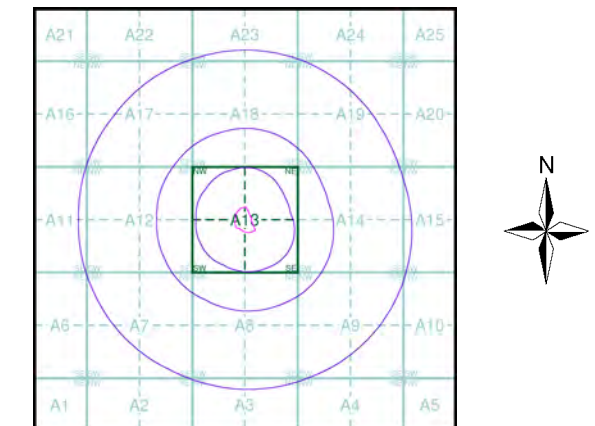
Envirocheck

LANDMARK INFORMATION GROUP

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:10,560	1884 - 1886	2
Somerset	1:10,560	1903 - 1904	3
Somerset	1:10,560	1932	4
Somerset	1:10,560	1938 - 1939	5
Ordnance Survey Plan	1:10,000	1962 - 1963	6
Ordnance Survey Plan	1:10,000	1975	7
Ordnance Survey Plan	1:10,000	1983 - 1989	8
Ordnance Survey Plan	1:10,000	1990	9
10K Raster Mapping	1:10,000	1999	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2022	12

Historical Map - Slice A



Order Details

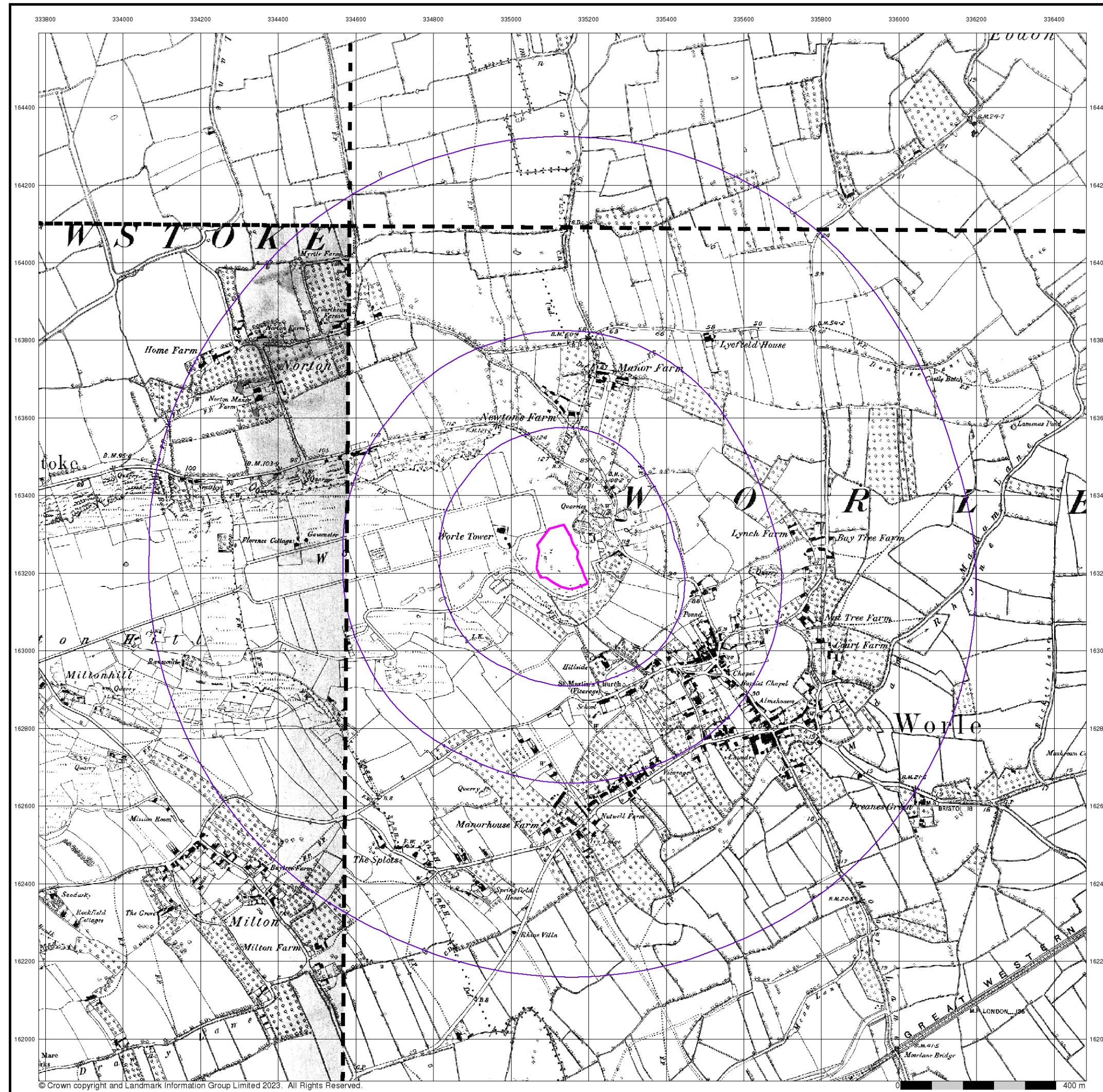
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 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
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Site Details

Site at 335140, 163200

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 Web: www.envirocheck.co.uk



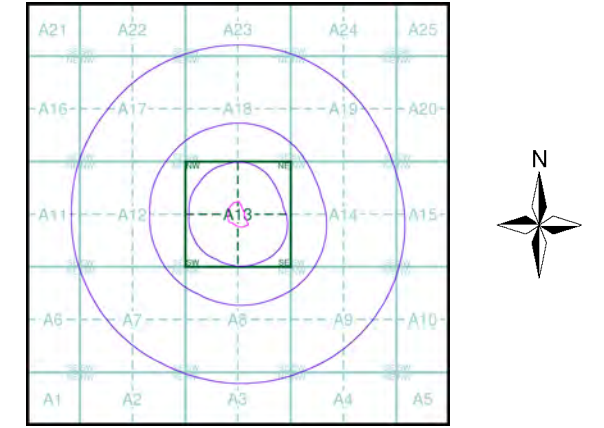
Somerset
Published 1884 - 1886
Source map scale - 1:10,560

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)

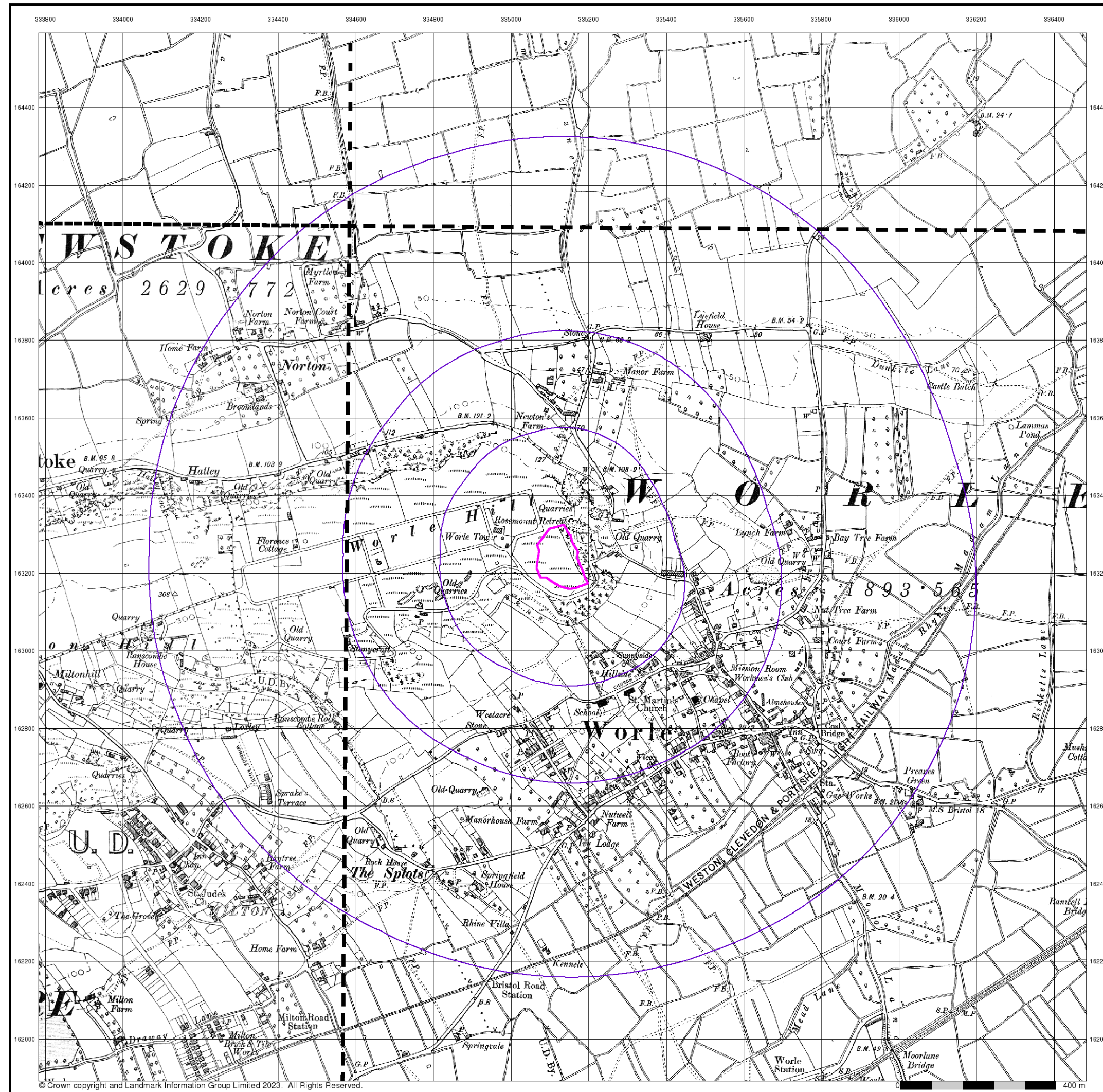
009NE 1884 1:10,560	010NW 1884 1:10,560
009SE 1886 1:10,560	010SW 1884 1:10,560

Historical Map - Slice A



Order Details
 Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details
 Site at 335140, 163200



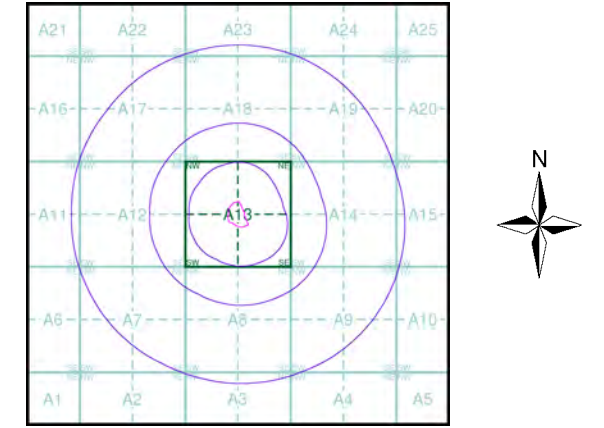
Somerset
Published 1903 - 1904
Source map scale - 1:10,560

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)

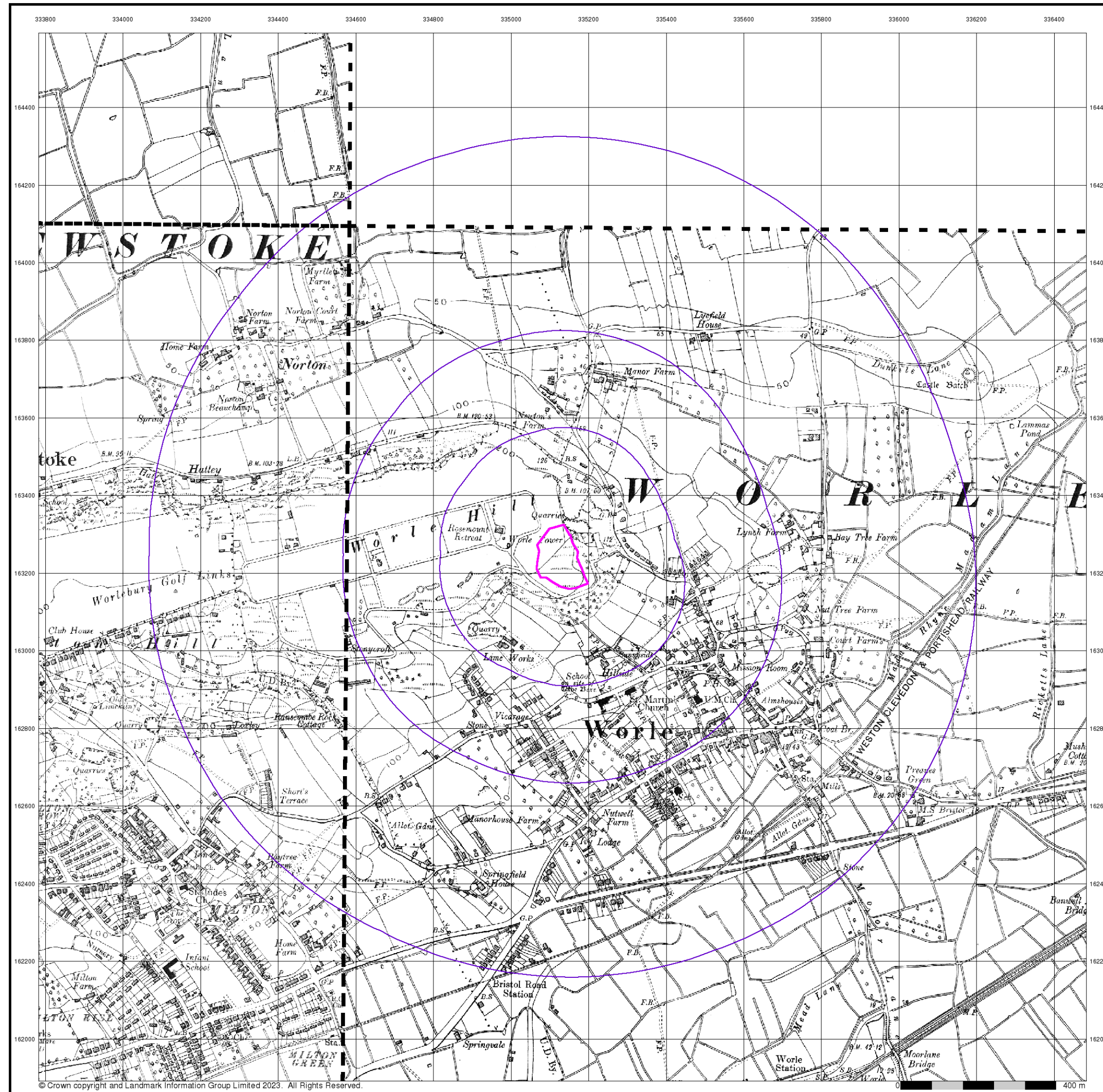
009NE 1904 1:10,560	010NW 1903 1:10,560
009SE 1904 1:10,560	010SW 1904 1:10,560

Historical Map - Slice A



Order Details
 Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details
 Site at 335140, 163200



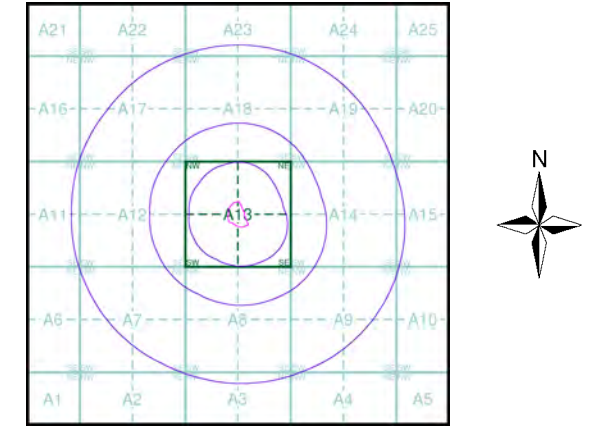
Somerset
Published 1932
Source map scale - 1:10,560

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)

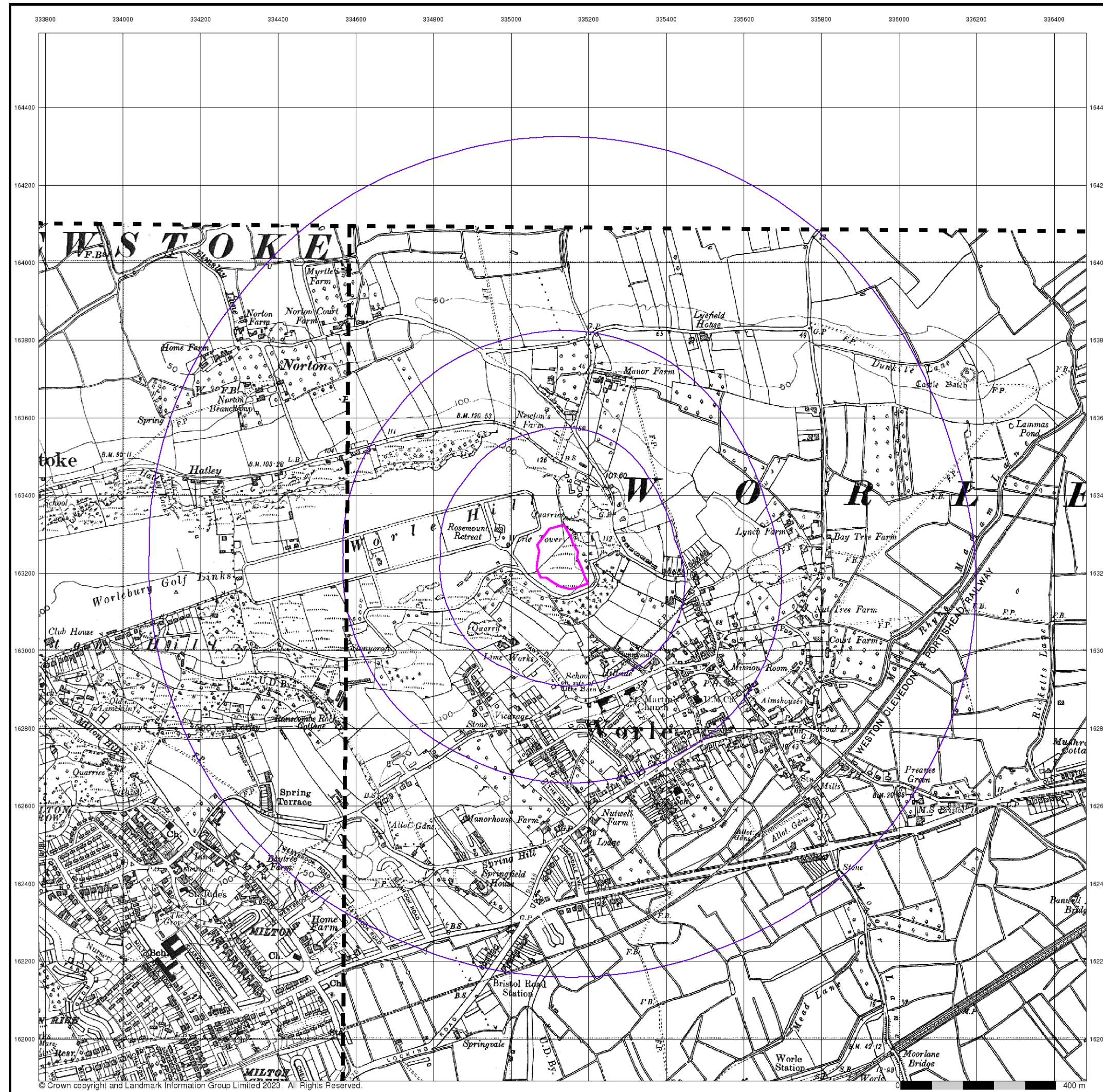
009NE 1932 1:10,560		
009SE 1932 1:10,560	010SW 1932 1:10,560	

Historical Map - Slice A



Order Details
 Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

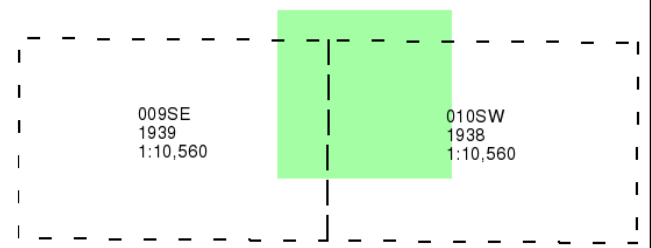
Site Details
 Site at 335140, 163200



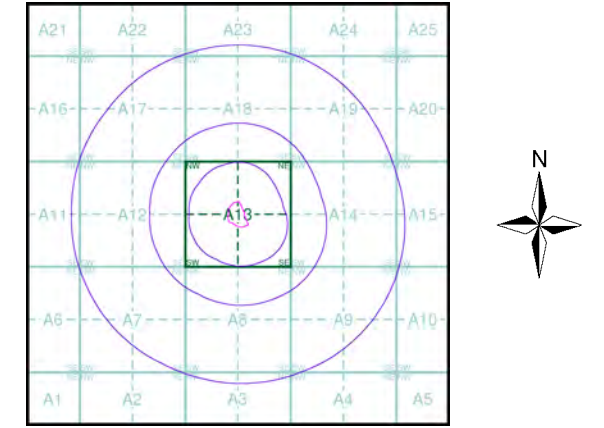
Somerset
Published 1938 - 1939
Source map scale - 1:10,560

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)

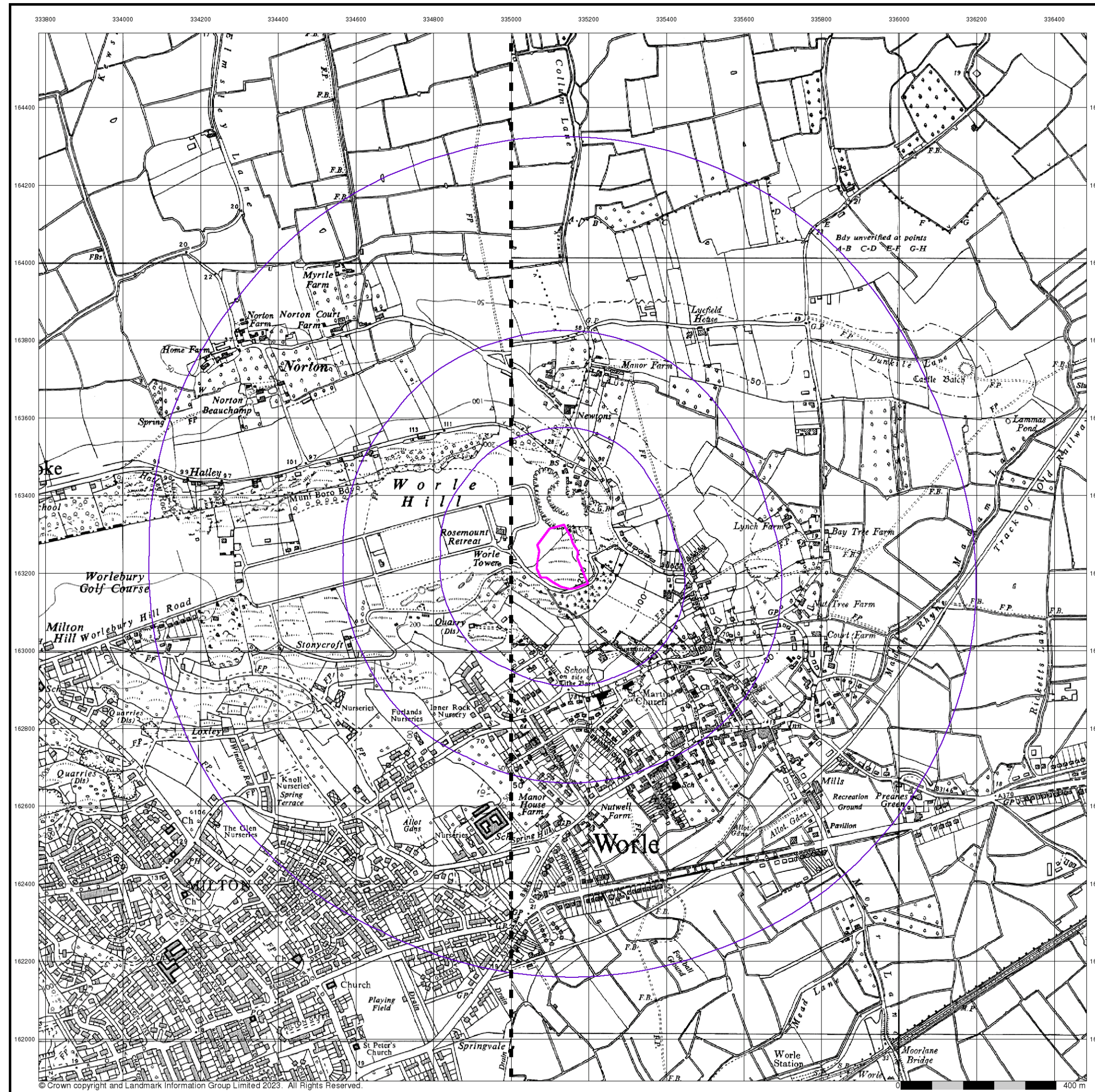


Historical Map - Slice A



Order Details
Order Number: 310224963_1_1
Customer Ref: FJ_276745
National Grid Reference: 335130, 163240
Slice: A
Site Area (Ha): 1.42
Search Buffer (m): 1000

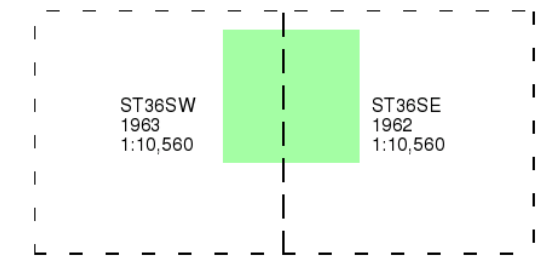
Site Details
Site at 335140, 163200



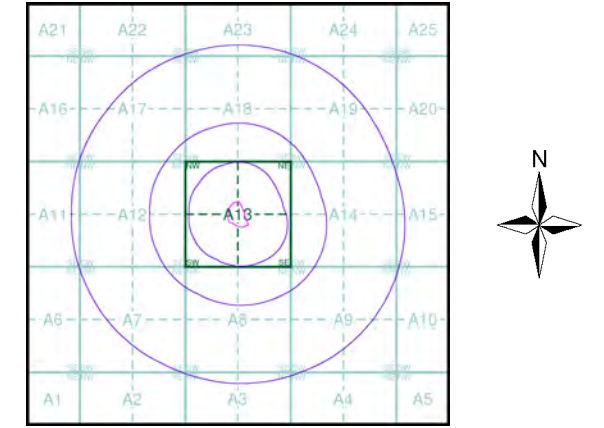
Ordnance Survey Plan Published 1962 - 1963 Source map scale - 1:10,000

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)

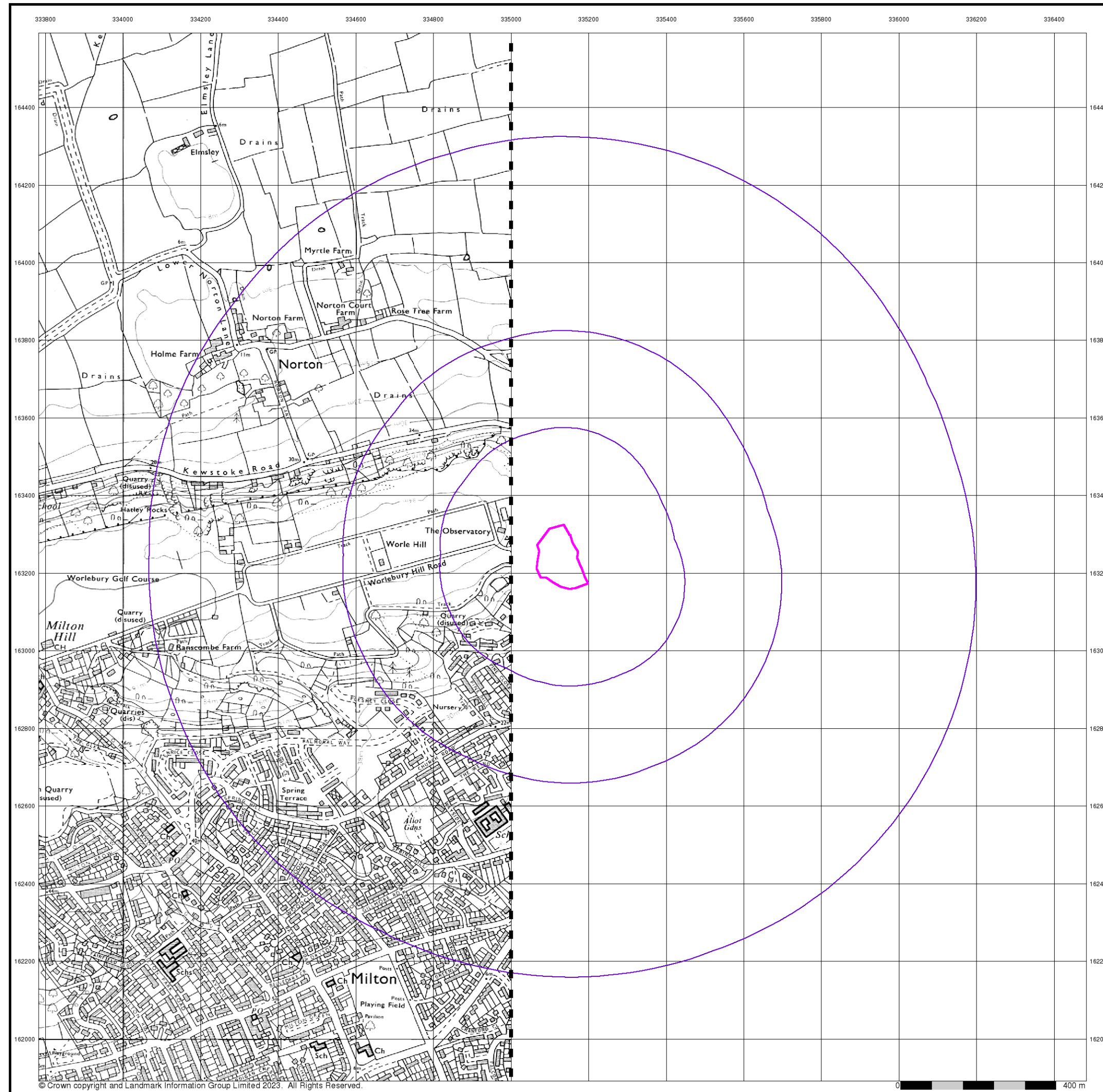


Historical Map - Slice A



Order Details
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 Search Buffer (m): 1000

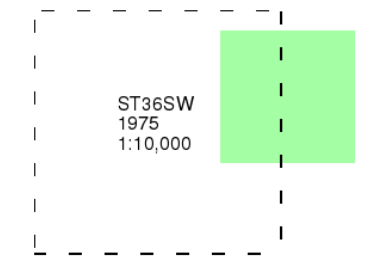
Site Details
 Site at 335140, 163200



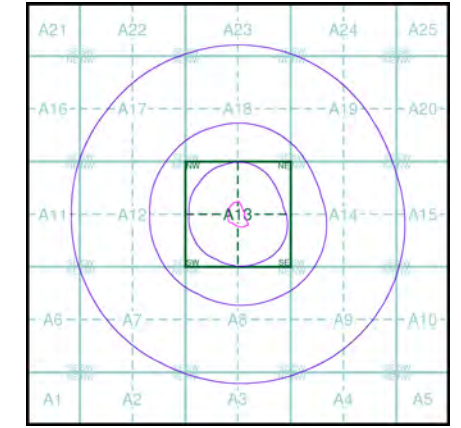
Ordnance Survey Plan Published 1975 Source map scale - 1:10,000

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

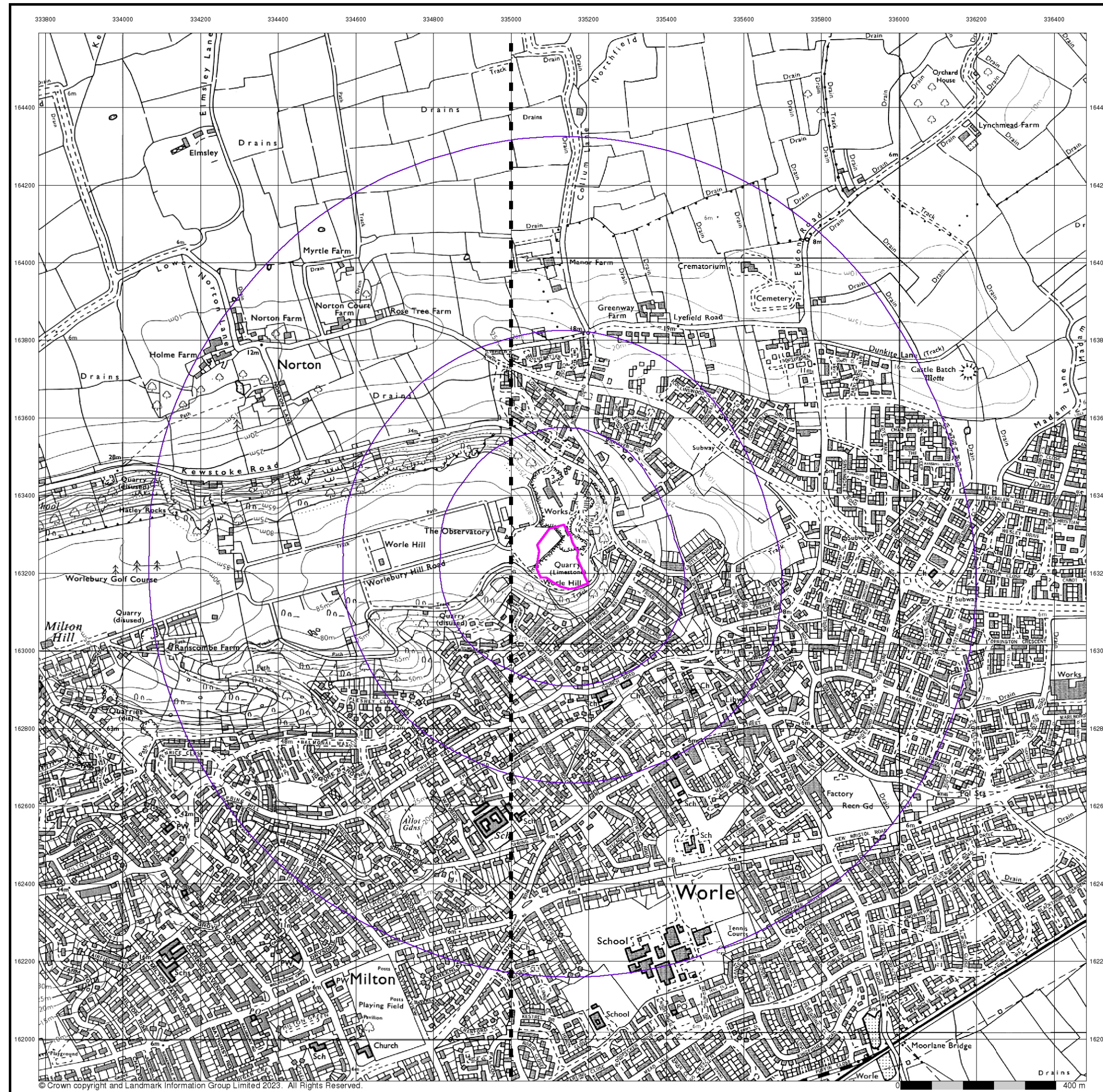


Order Details

Order Number: 310224963_1_1
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 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

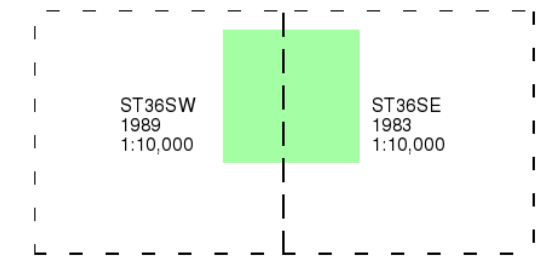
Site at 335140, 163200



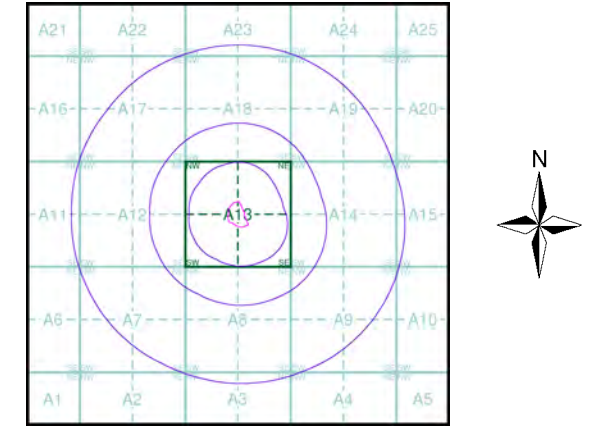
Ordnance Survey Plan Published 1983 - 1989 Source map scale - 1:10,000

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

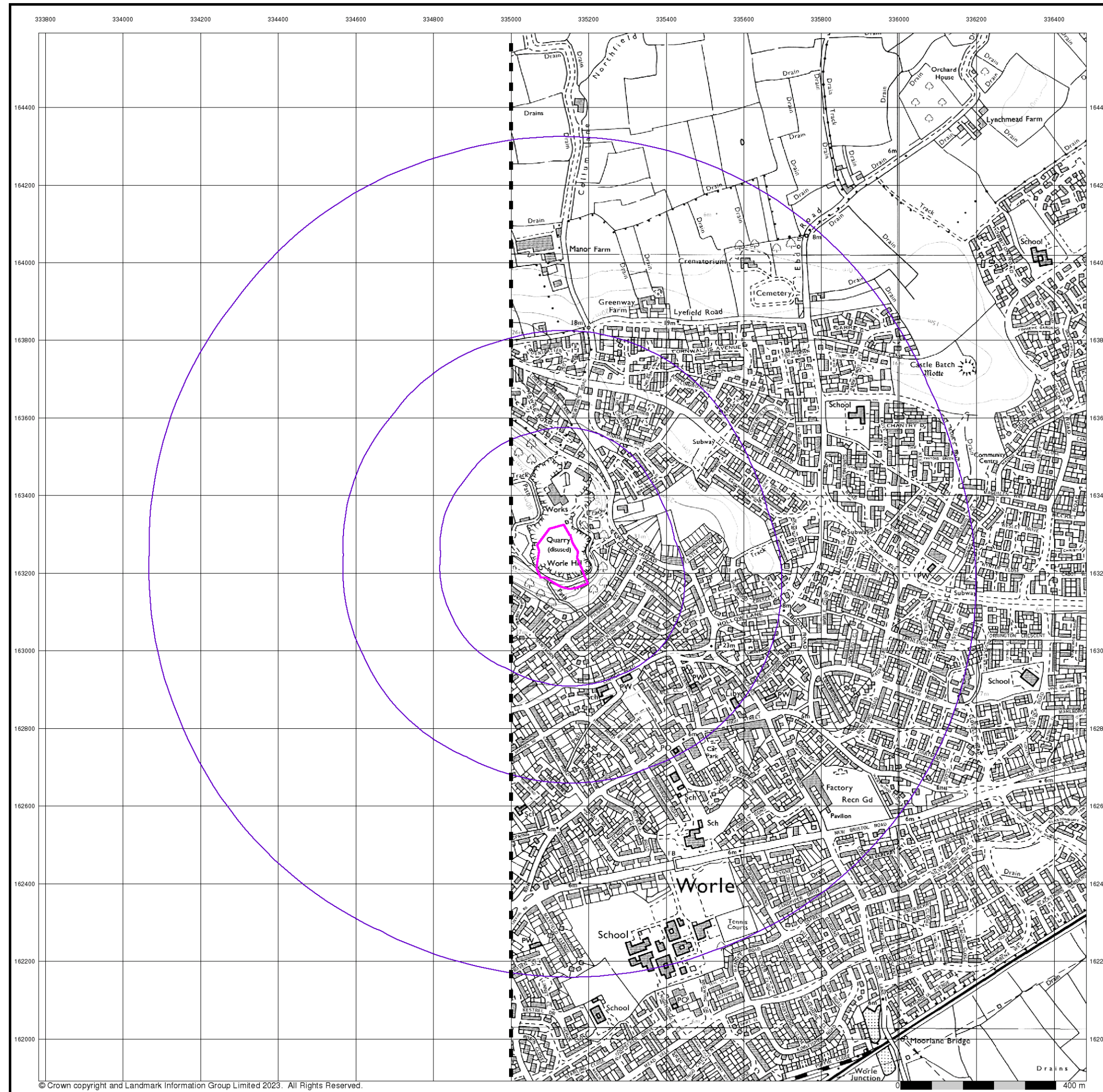


Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details

Site at 335140, 163200



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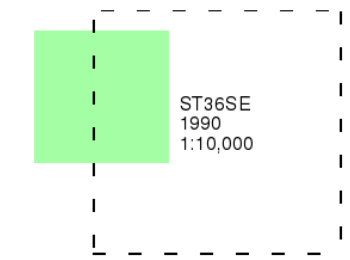
Ordnance Survey Plan

Published 1990

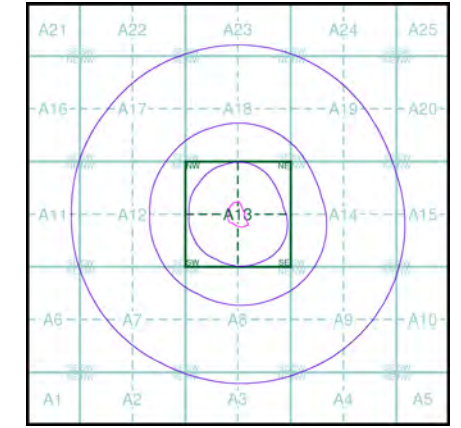
Source map scale - 1:10,000

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

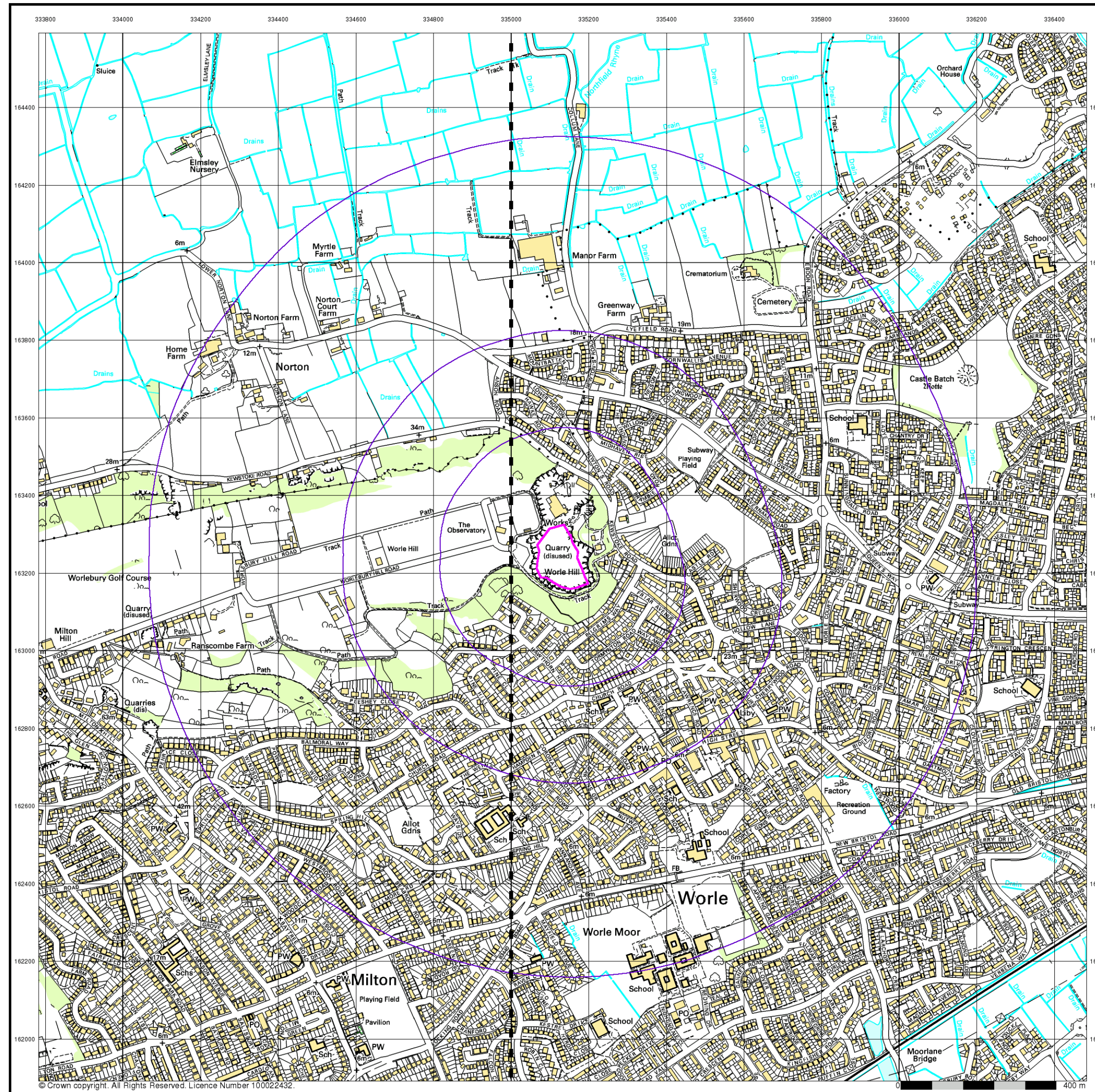


Order Details

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Site Details

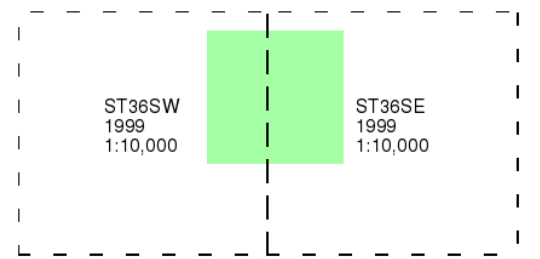
Site at 335140, 163200



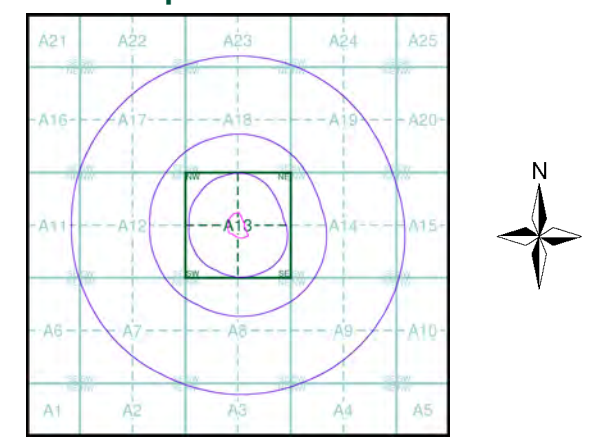
10k Raster Mapping
Published 1999
Source map scale - 1:10,000

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)



Historical Map - Slice A

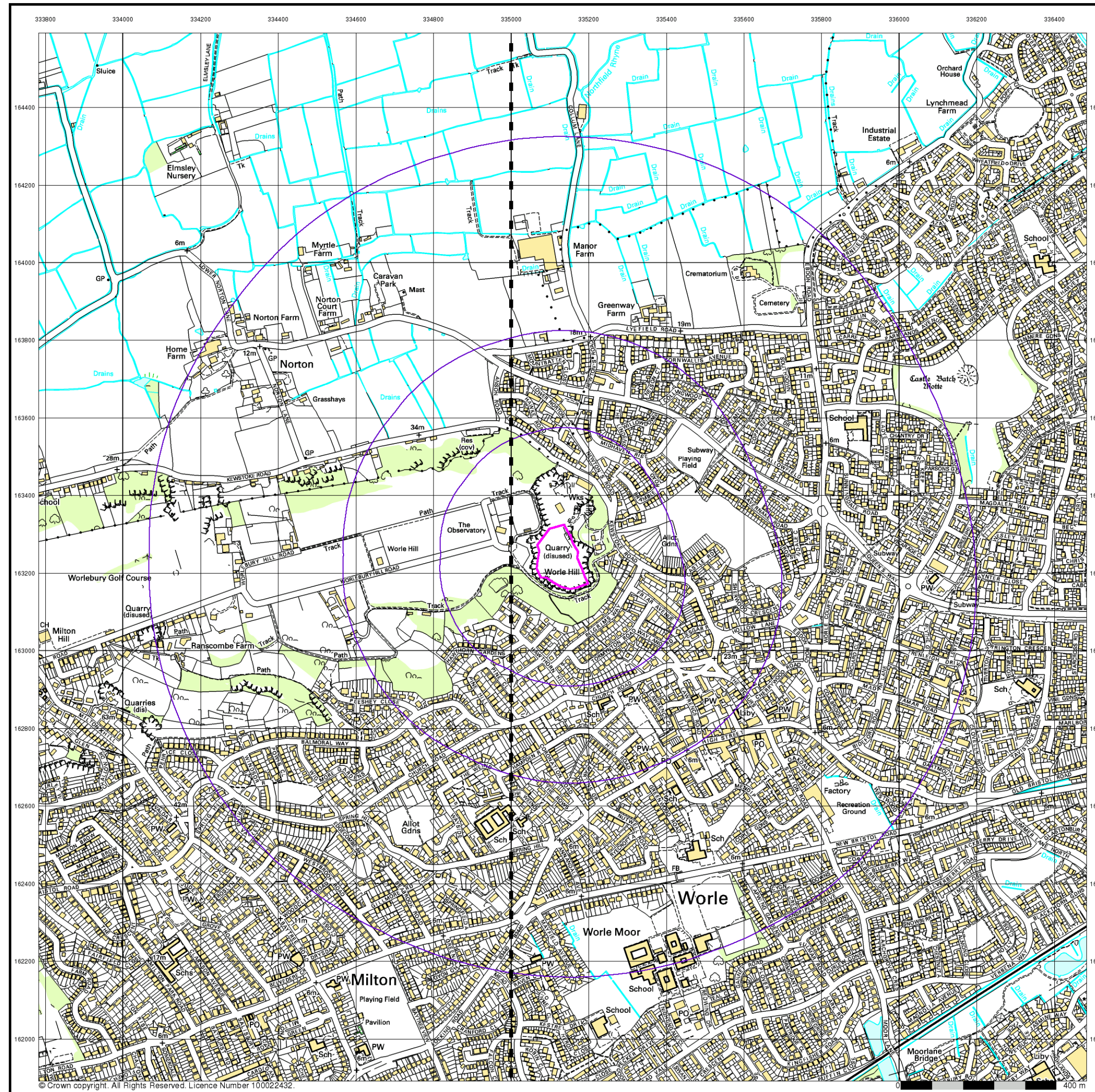


Order Details

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 Search Buffer (m): 1000

Site Details

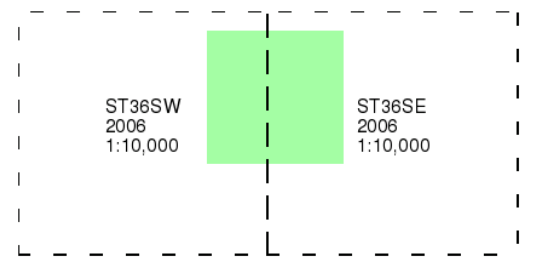
Site at 335140, 163200



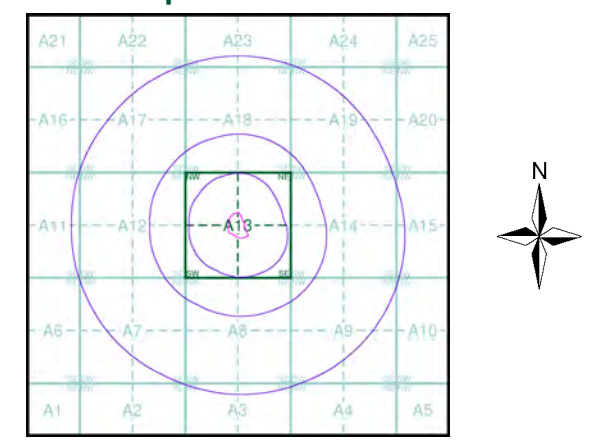
10k Raster Mapping
Published 2006
Source map scale - 1:10,000

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)



Historical Map - Slice A

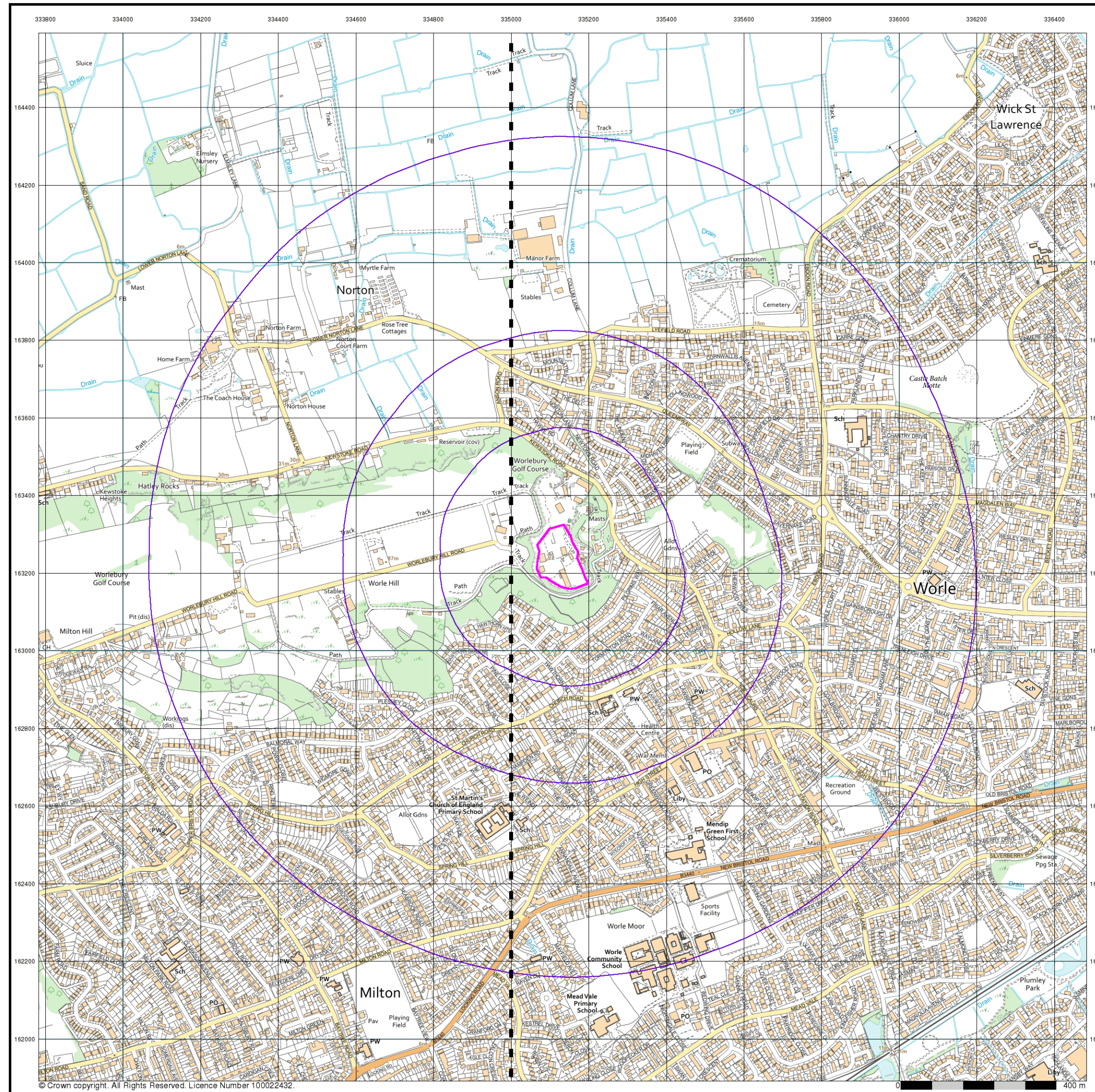


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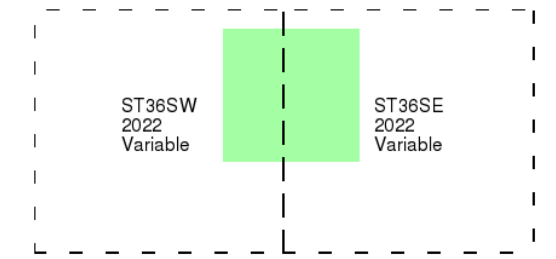
Site at 335140, 163200



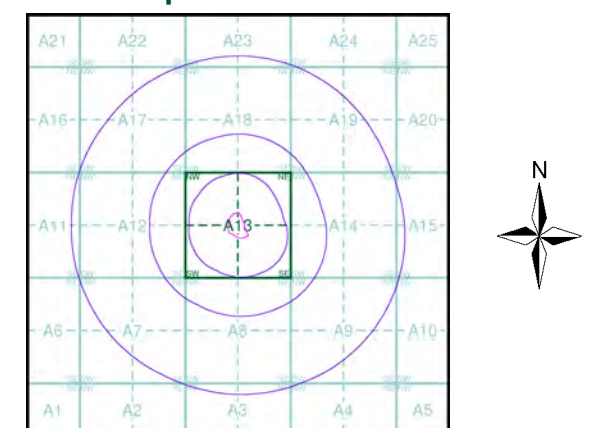
VectorMap Local
Published 2022
Source map scale - 1:10,000

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)



Historical Map - Slice A



Order Details
 Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 1000

Site Details
 Site at 335140, 163200

Historical Mapping Legends

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

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

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

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

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

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

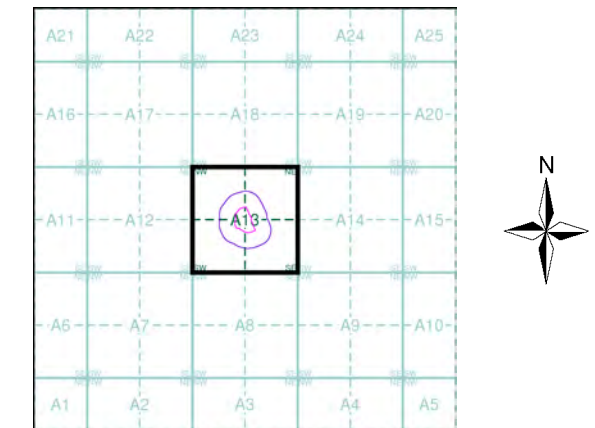
Envirocheck®

LANDMARK INFORMATION GROUP®

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Somerset	1:2,500	1885	2
Somerset	1:2,500	1903	3
Somerset	1:2,500	1931	4
Ordnance Survey Plan	1:1,250	1953 - 1983	5
Ordnance Survey Plan	1:2,500	1954 - 1972	6
Ordnance Survey Plan	1:1,250	1963 - 1967	7
Ordnance Survey Plan	1:1,250	1971 - 1983	8
Supply of Unpublished Survey Information	1:1,250	1973	9
Supply of Unpublished Survey Information	1:1,250	1976	10
Additional SIMs	1:1,250	1977 - 1986	11
Additional SIMs	1:1,250	1986 - 1989	12
Additional SIMs	1:1,250	1987	13
Additional SIMs	1:1,250	1988	14
Additional SIMs	1:2,500	1989	15
Additional SIMs	1:2,500	1989	16
Large-Scale National Grid Data	1:2,500	1992	17
Large-Scale National Grid Data	1:1,250	1992	18
Historical Aerial Photography	1:2,500	1999	19

Historical Map - Segment A13



Order Details

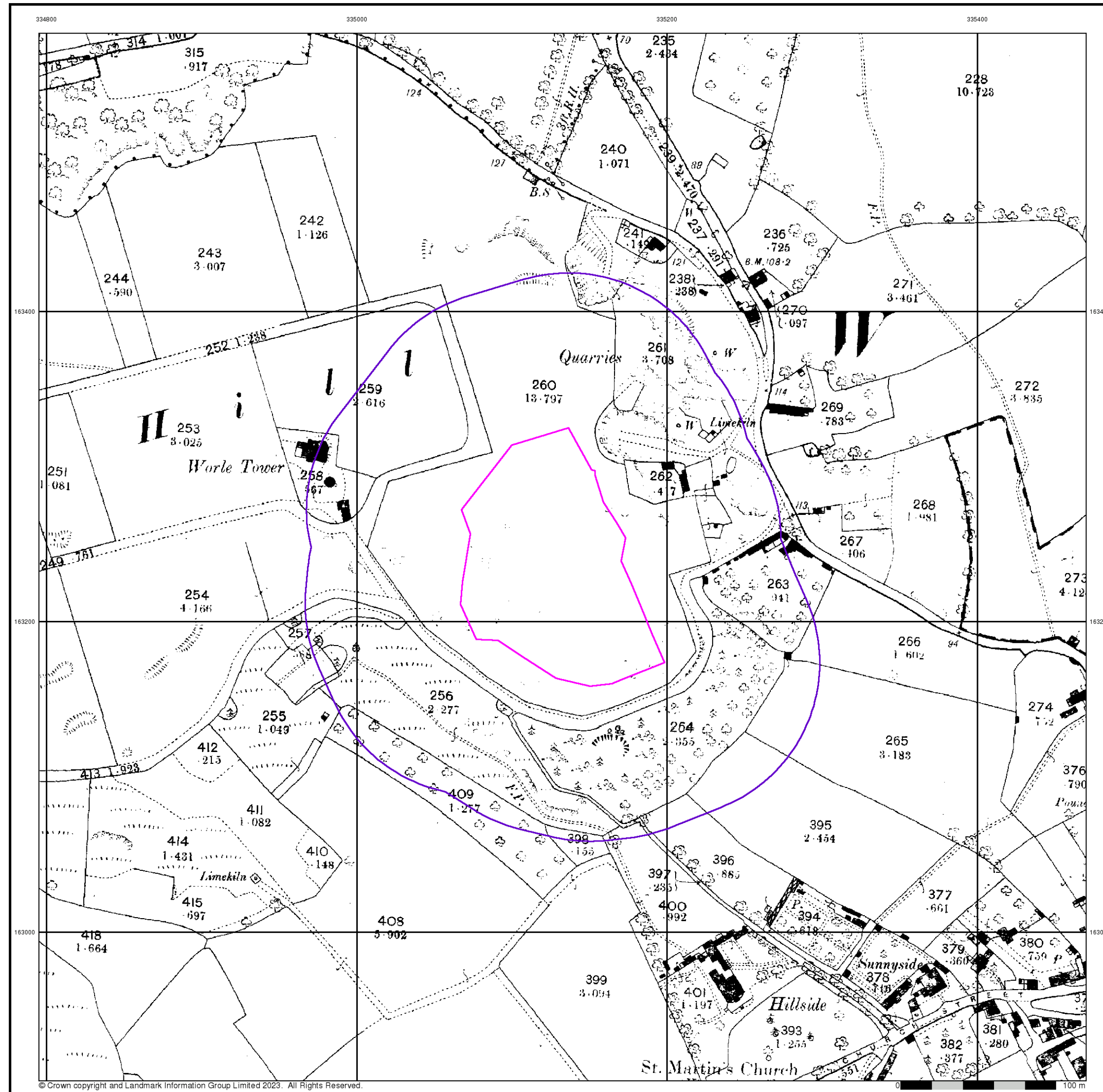
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 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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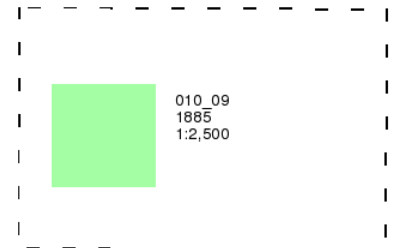
Tel: 0844 844 9952
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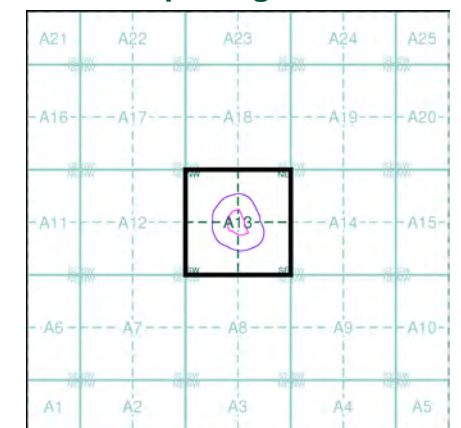
Somerset
Published 1885
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

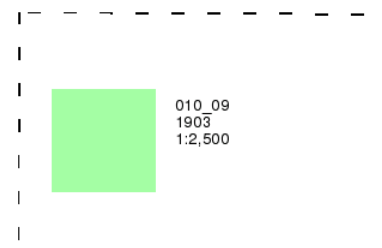
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 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

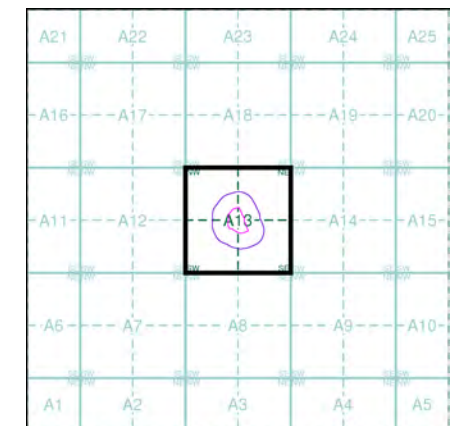
Site at 335140, 163200

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

Map Name(s) and Date(s)



Historical Map - Segment A13

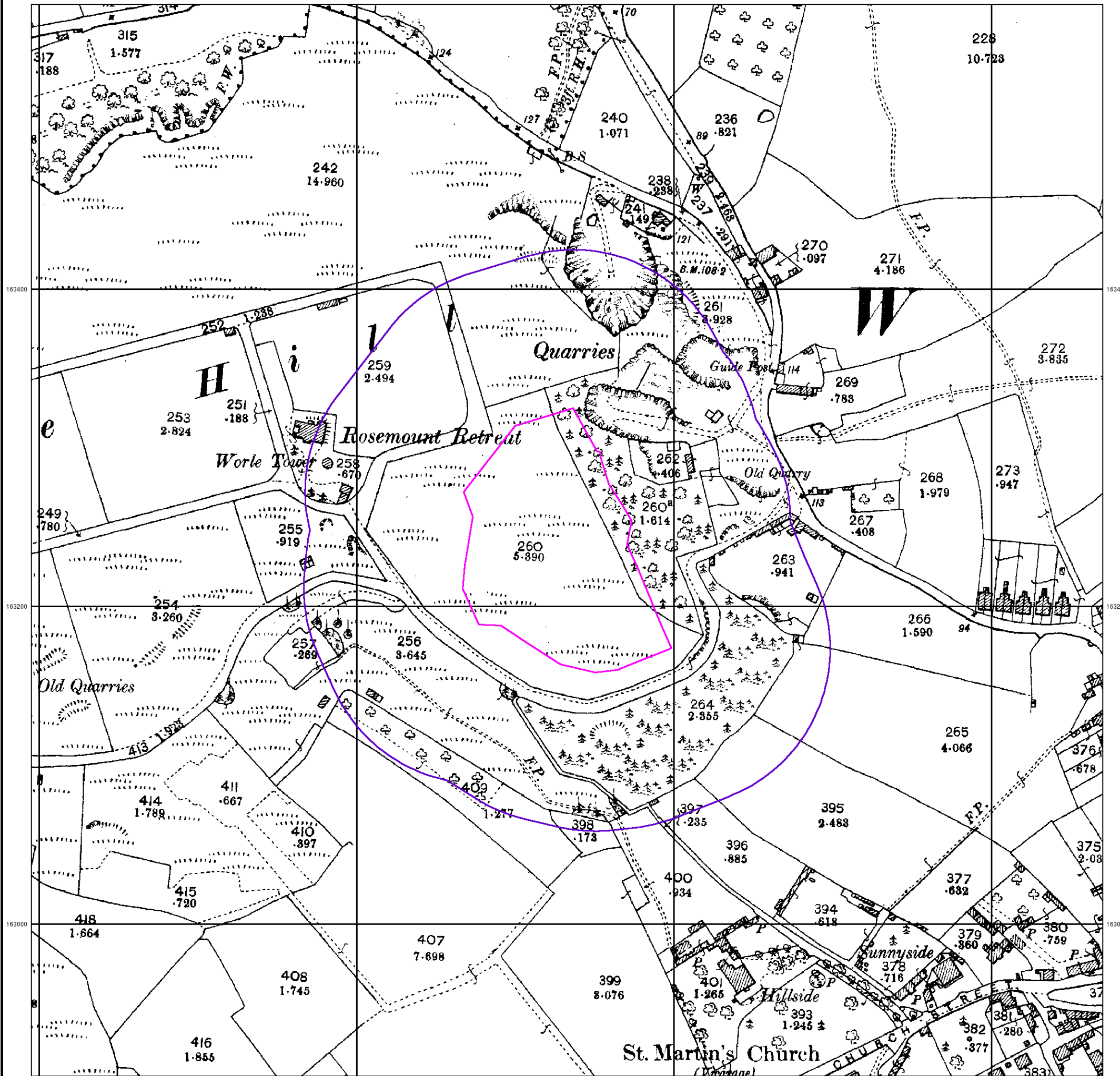


Order Details

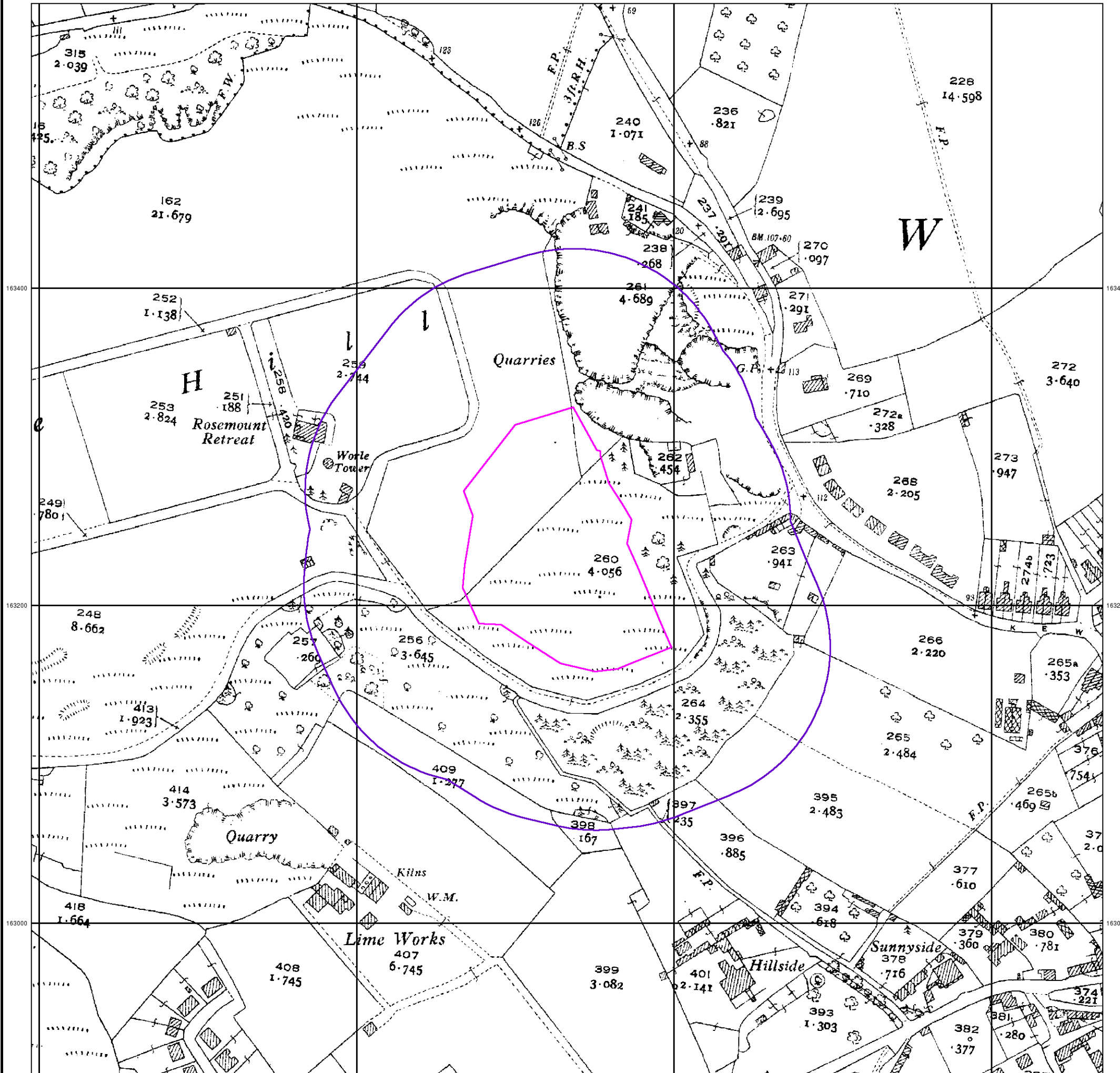
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Site Details

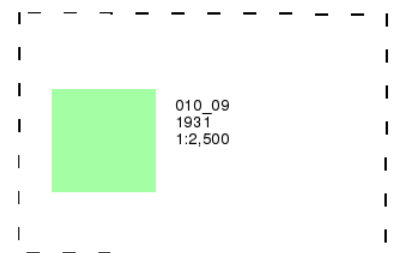
Site at 335140, 163200



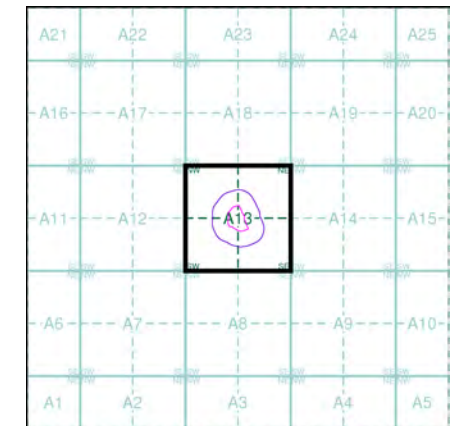
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. 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

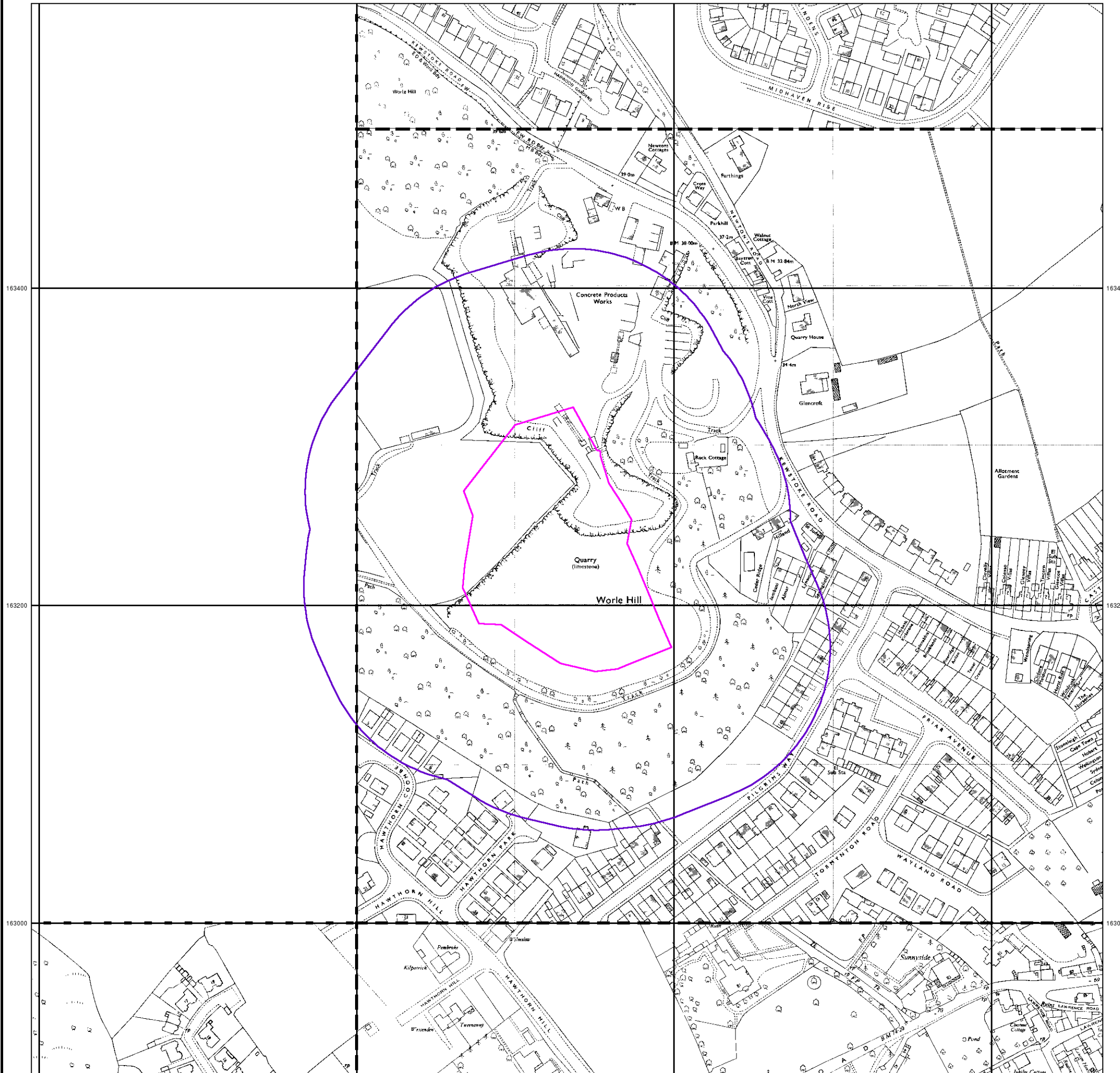


Order Details

Order Number: 310224963_1_1
Customer Ref: FJ_276745
National Grid Reference: 335130, 163240
Slice: A
Site Area (Ha): 1.42
Search Buffer (m): 100

Site Details

Site at 335140, 163200



Ordnance Survey Plan

Published 1953 - 1983

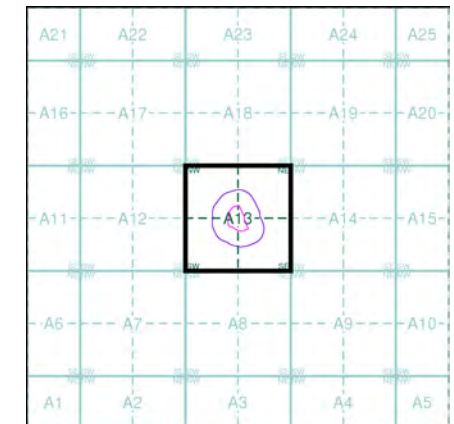
Source map scale - 1:1,250

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)

ST3563NW
1983
1:1,250
ST3563SW
1971
1:1,250
ST3462NE
1953
1:1,250
ST3562NW
1953
1:1,250

Historical Map - Segment A13

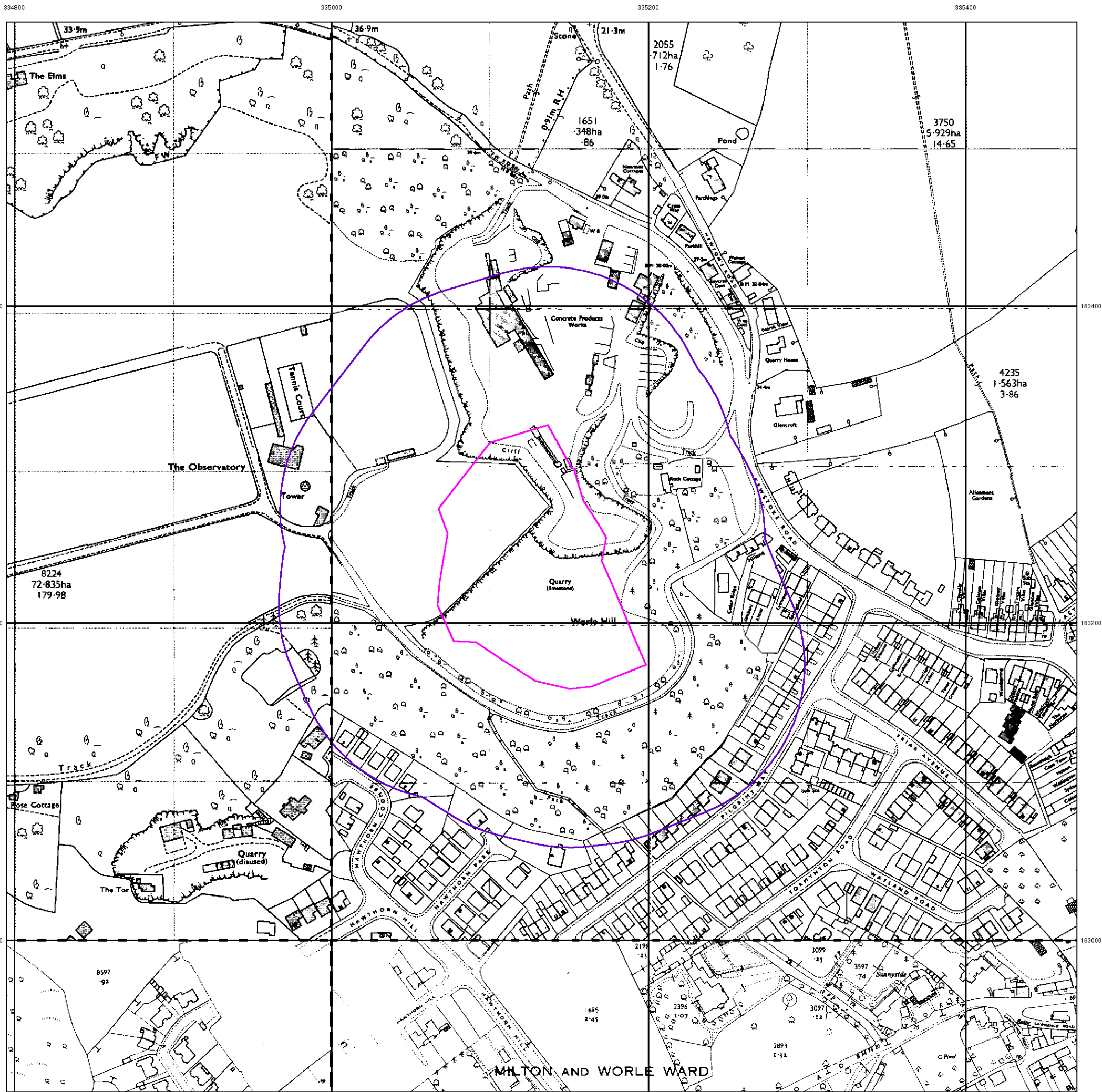


Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
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 Slice: A
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 Search Buffer (m): 100

Site Details

Site at 335140, 163200



Ordnance Survey Plan

Published 1954 - 1972

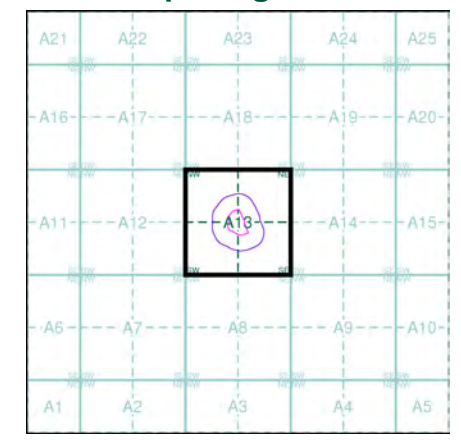
Source map scale - 1:2,500

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)

ST3463 1972 12,500	ST3563 1972 12,500
ST3462 1954 12,500	ST3562 1954 12,500

Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
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 Slice: A
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Site Details

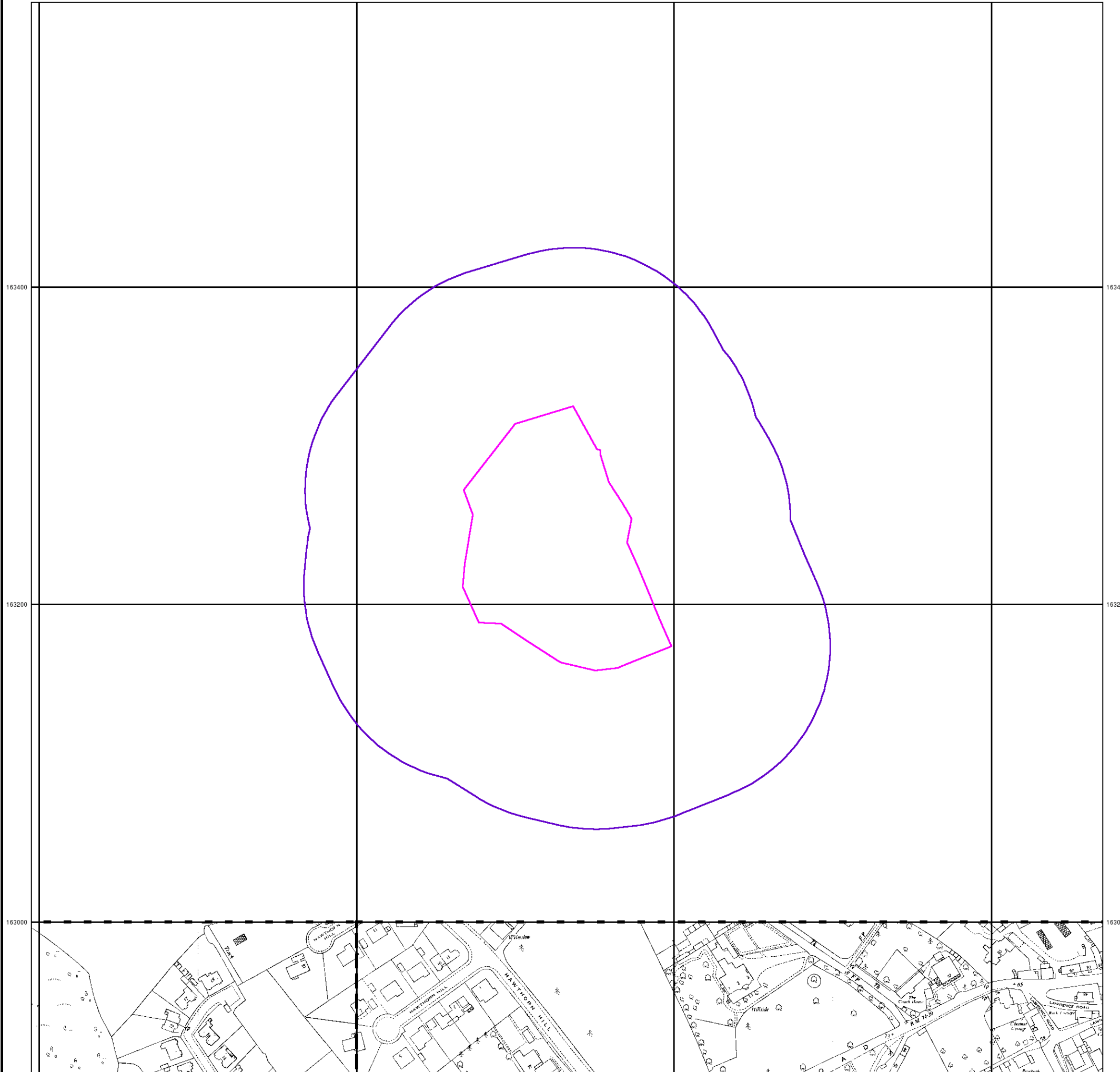
Site at 335140, 163200

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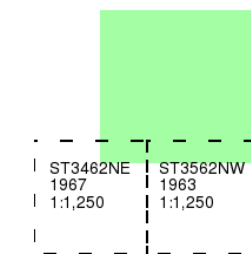
Ordnance Survey Plan

Published 1963 - 1967

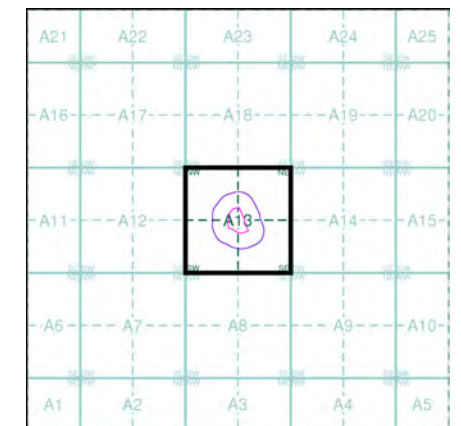
Source map scale - 1:1,250

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: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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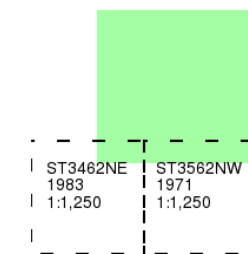
Ordnance Survey Plan

Published 1971 - 1983

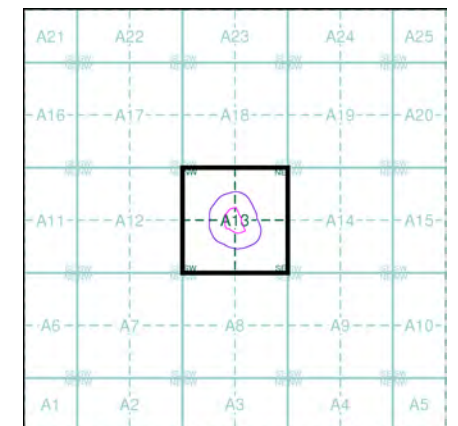
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

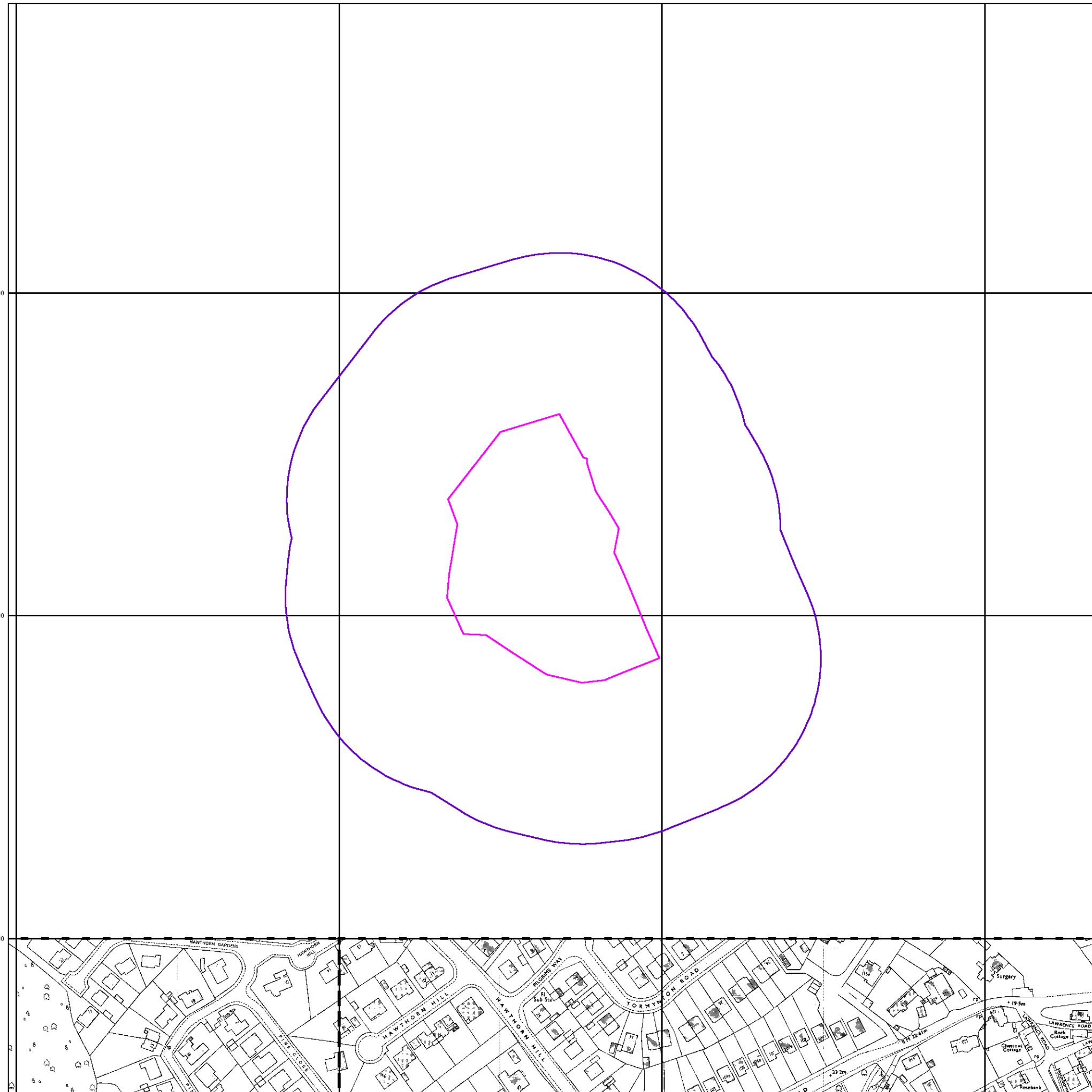
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 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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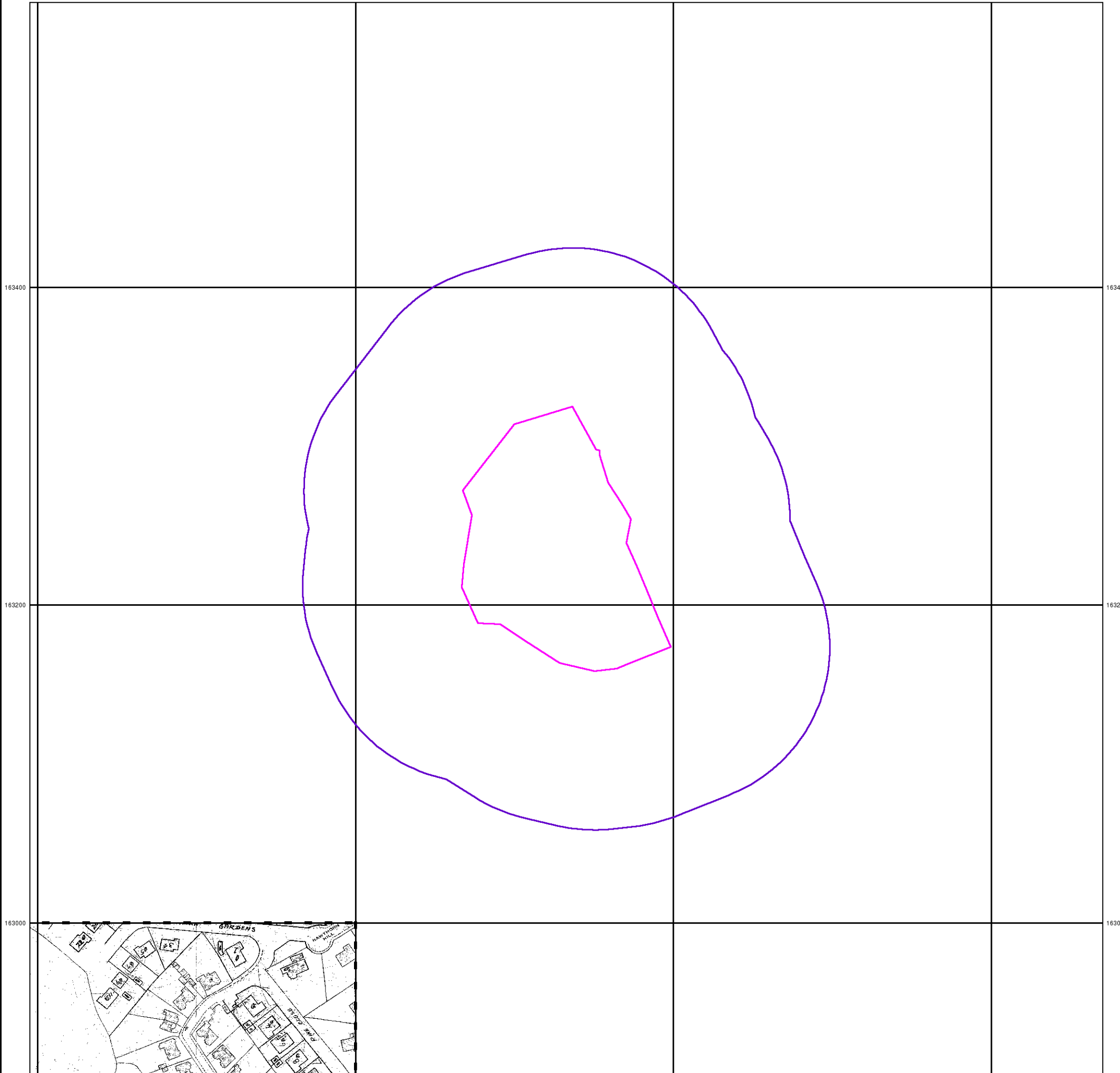


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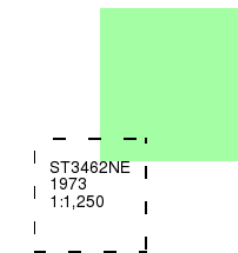
Supply of Unpublished Survey Information

Published 1973

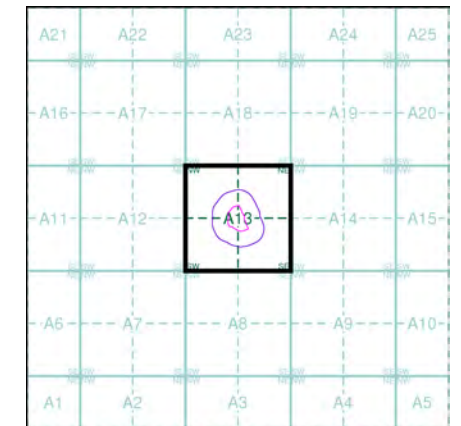
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
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Site Details

Site at 335140, 163200

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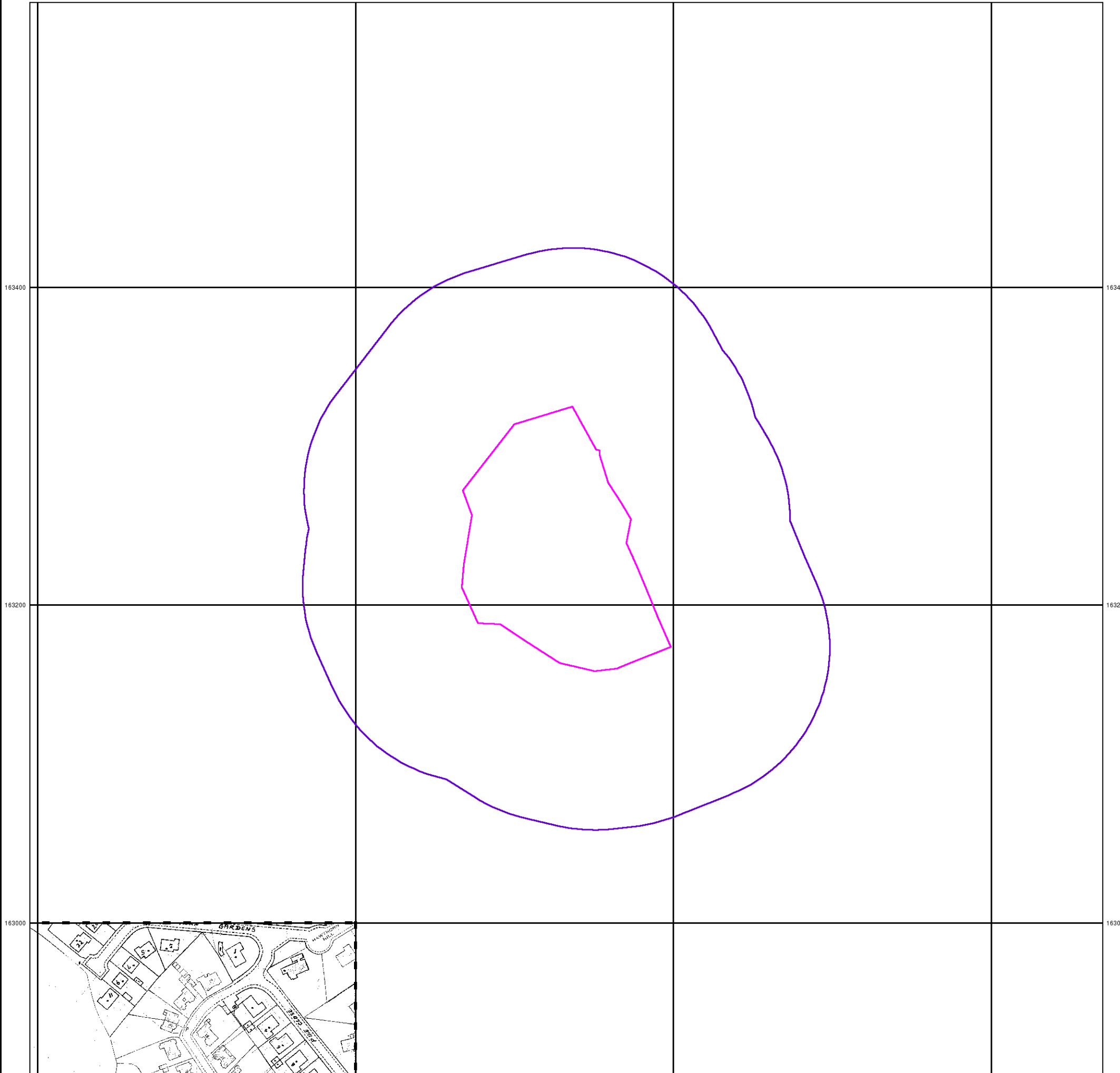
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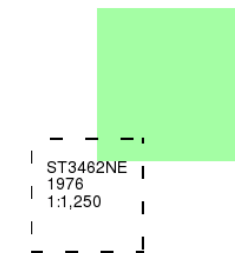
Supply of Unpublished Survey Information

Published 1976

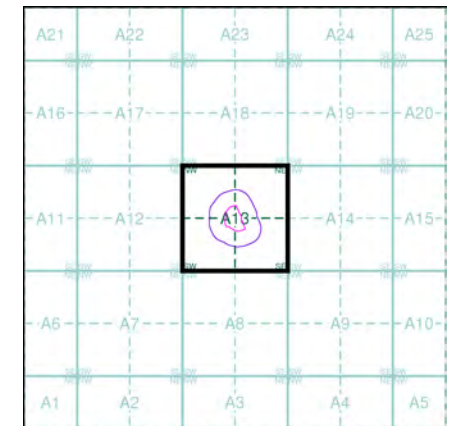
Source map scale - 1:1,250

SUSI maps (Supply of Unpublished Survey Information) were produced between 1972 and 1977, mainly for internal use at Ordnance Survey. These were more of a 'work-in-progress' plan as they showed updates of individual areas on a map. These maps were unpublished, and they do not represent a single moment in time. They were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

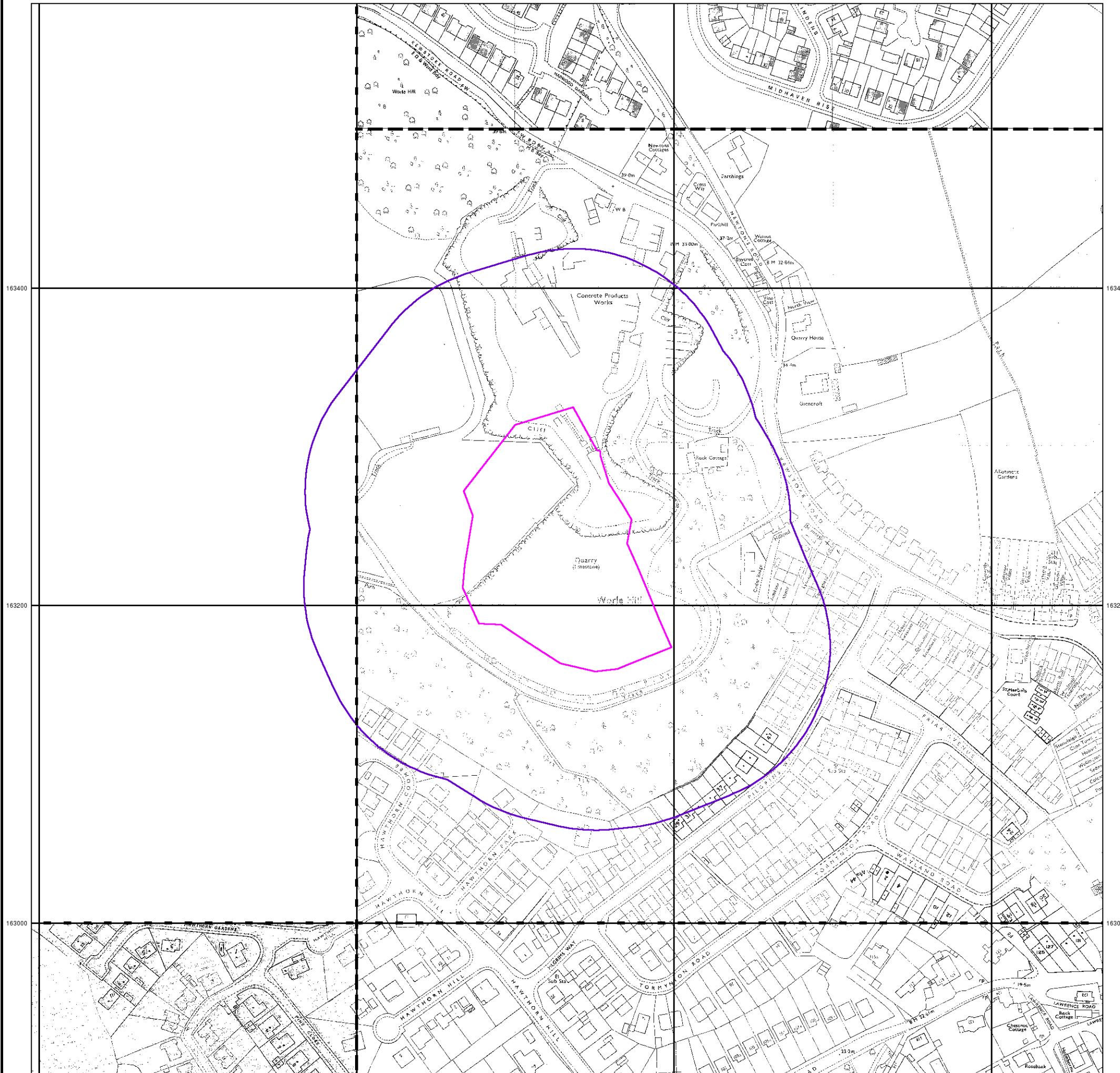
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 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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Additional SIMs

Published 1977 - 1986

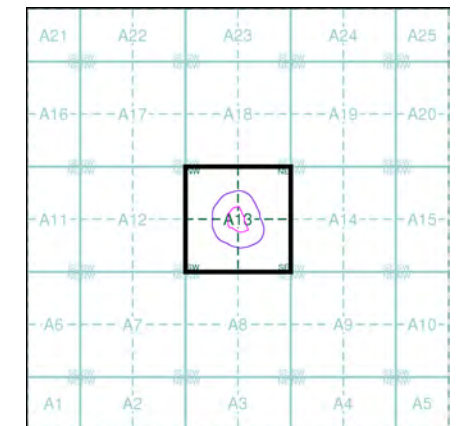
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

BT3563NW	1983	1:1,250
BT3563SW	1977	1:1,250
BT3462NE	1977	1:1,250
BT3562NW	1986	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200



Additional SIMs

Published 1986 - 1989

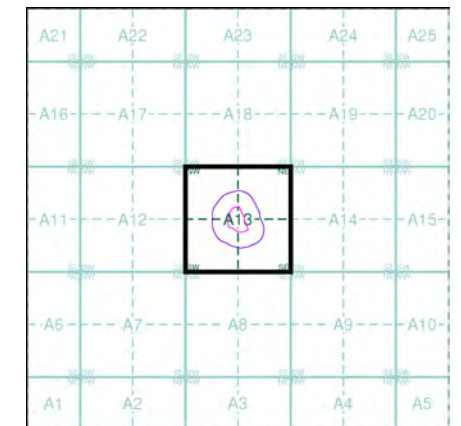
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

- ST 3563NW
1988
1:1,250
- ST 3563SV
1986
1:1,250**
- ST 3562NV
1989
1:1,250

Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
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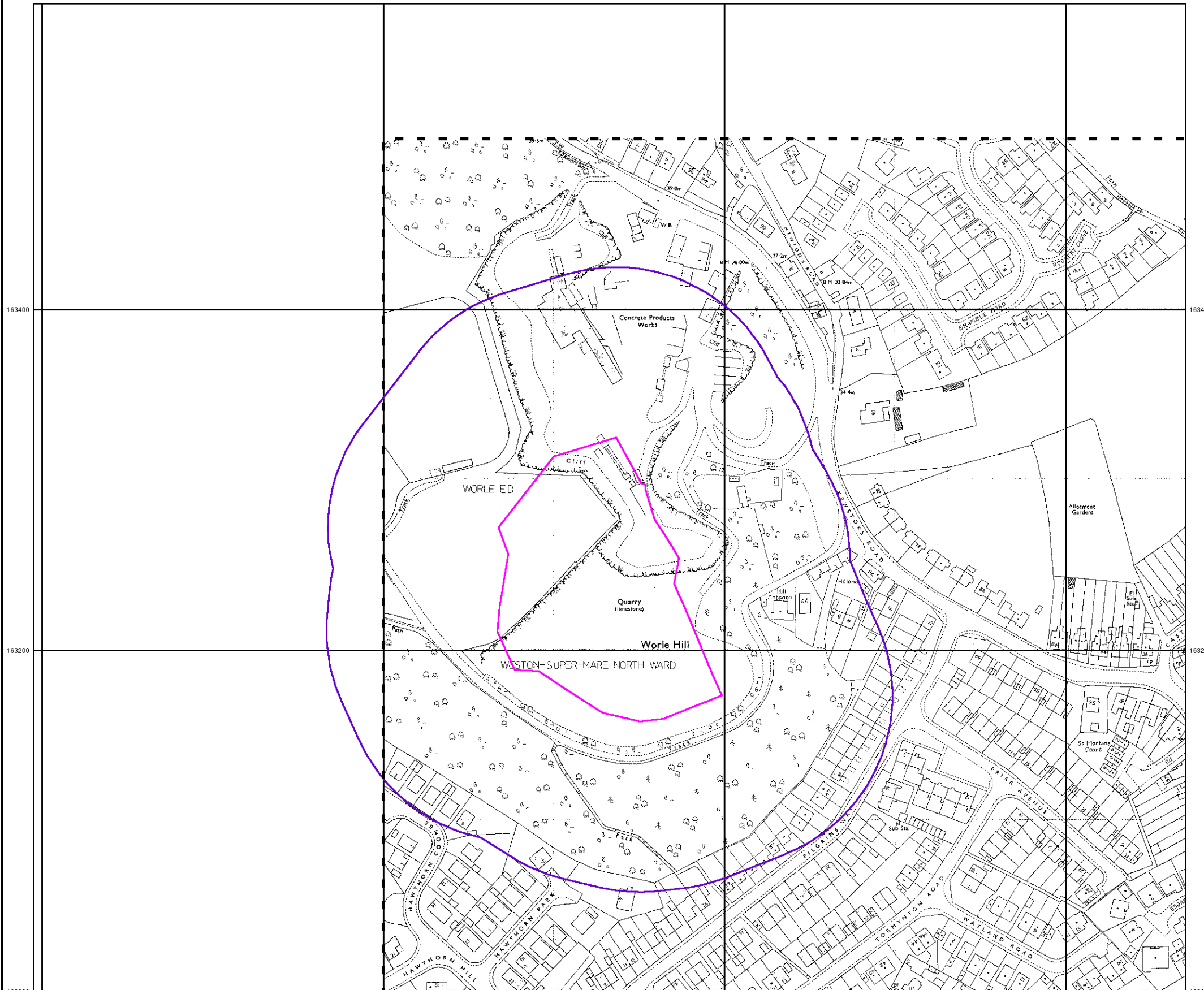
Site at 335140, 163200

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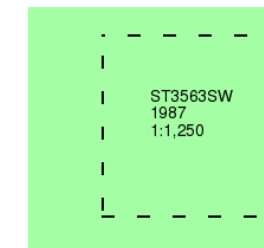
Additional SIMs

Published 1987

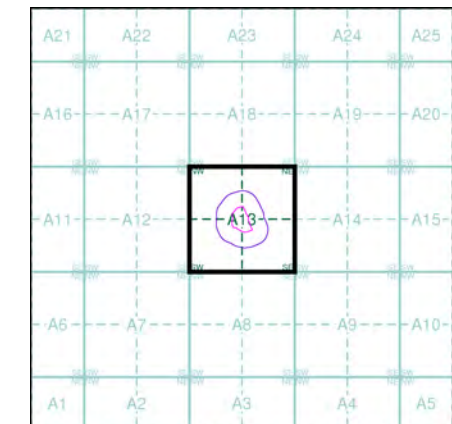
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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
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Site Details

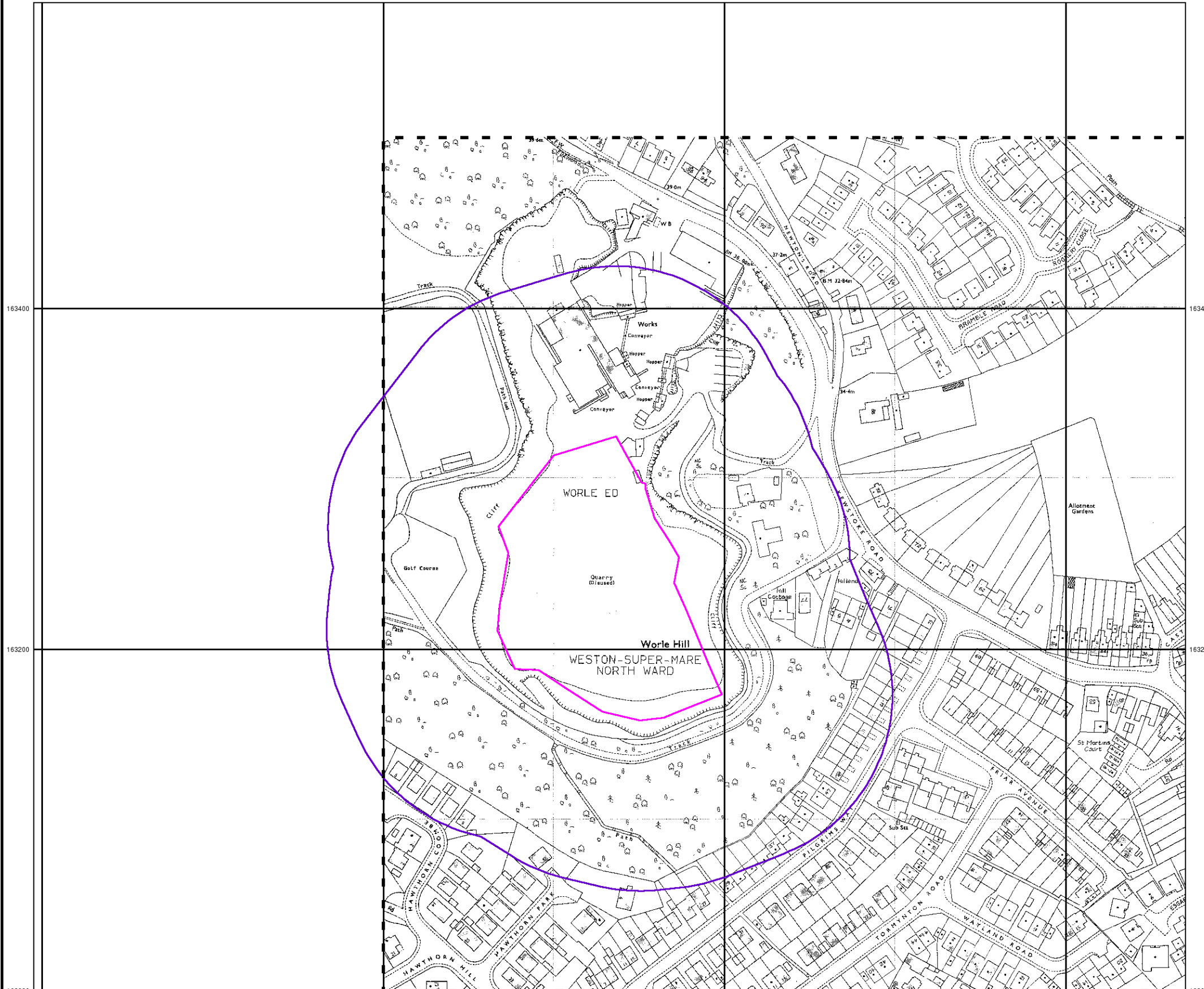
Site at 335140, 163200

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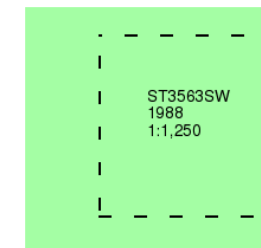
Additional SIMs

Published 1988

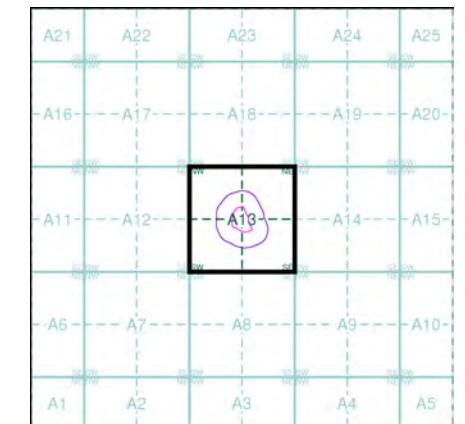
Source map scale - 1:1,250

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

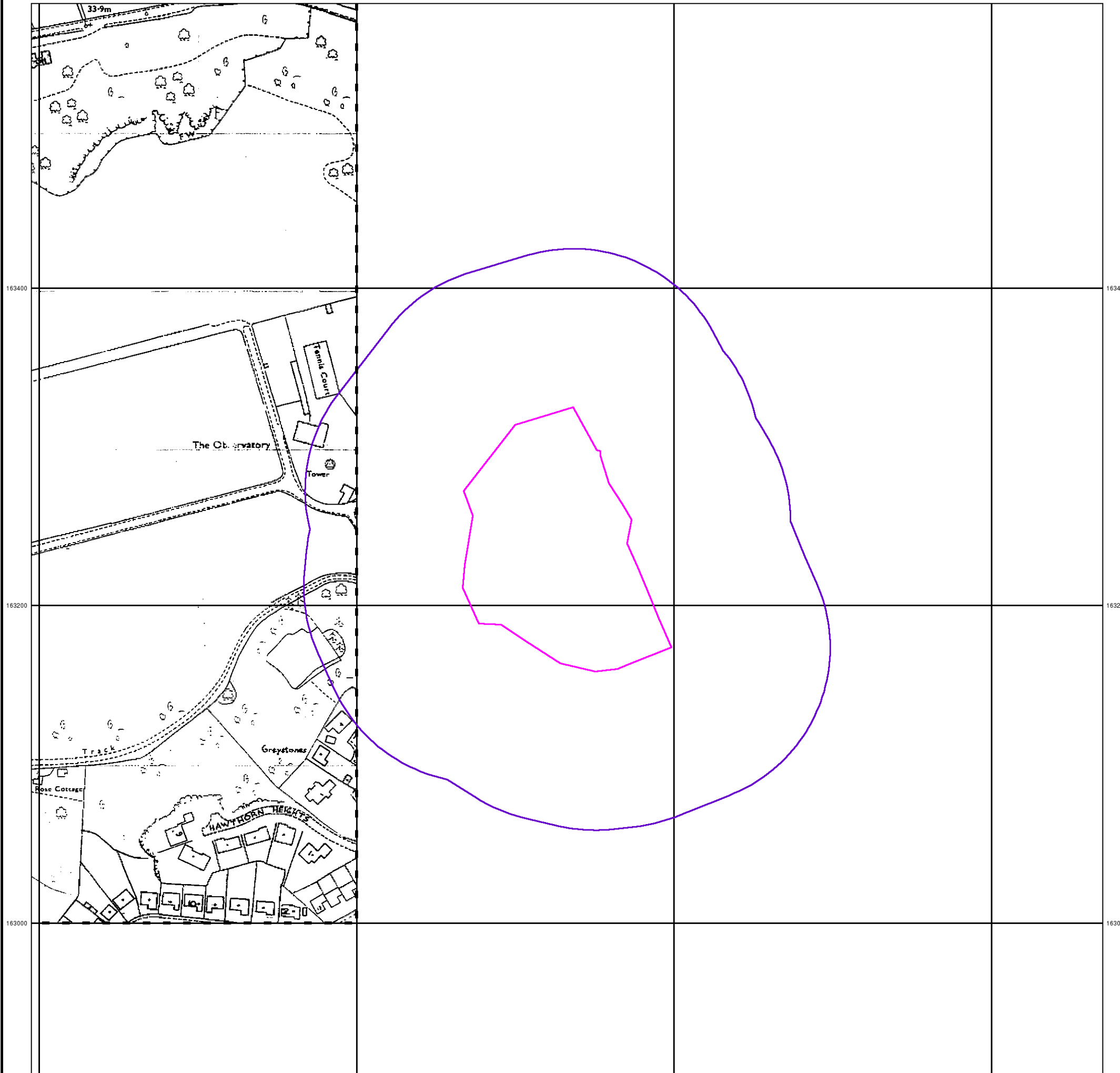
Site at 335140, 163200

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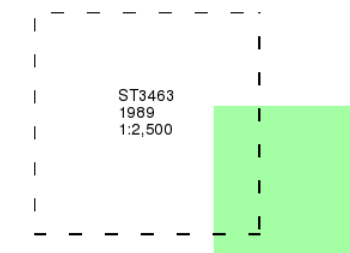
Additional SIMs

Published 1989

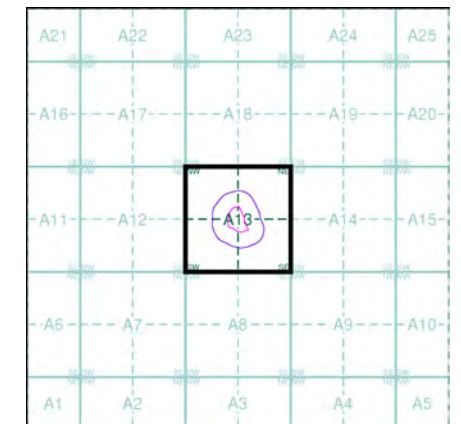
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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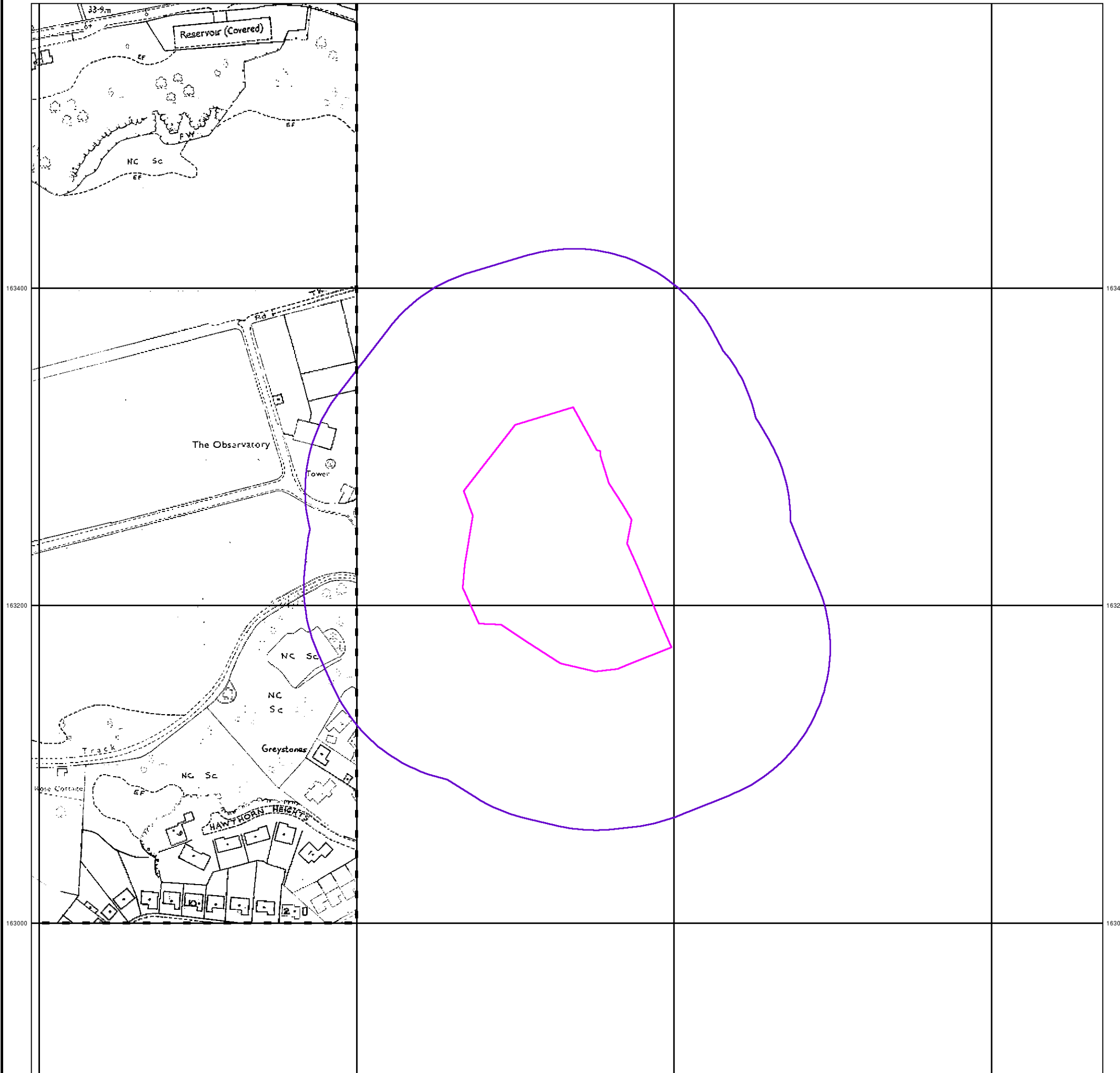
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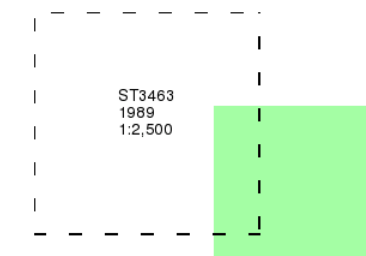
Additional SIMs

Published 1989

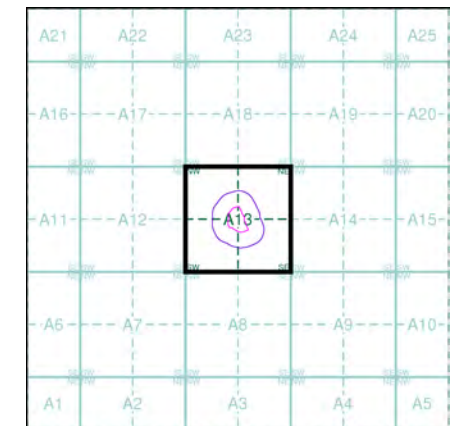
Source map scale - 1:2,500

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Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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 Slice: A
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Site Details

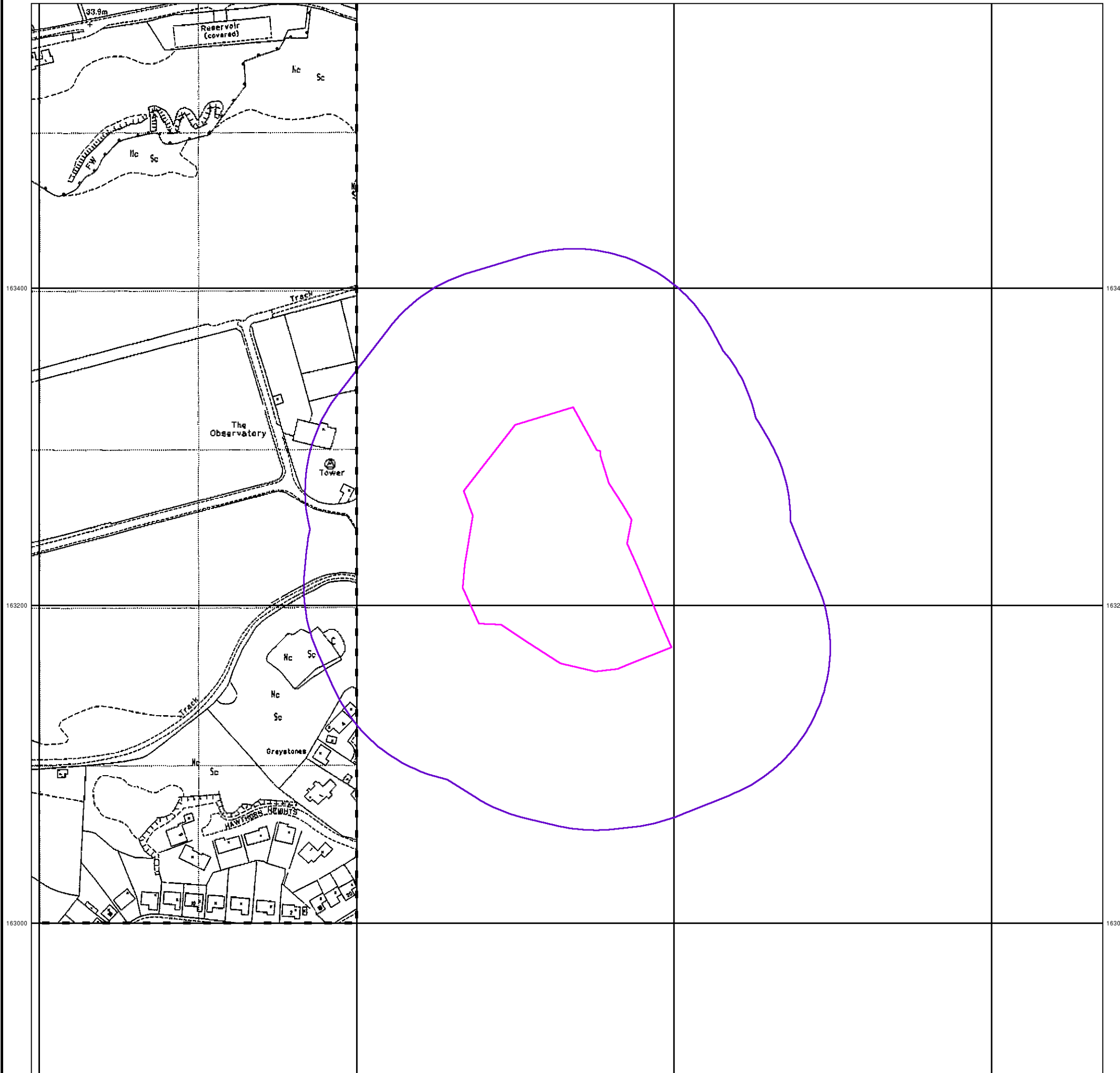
Site at 335140, 163200

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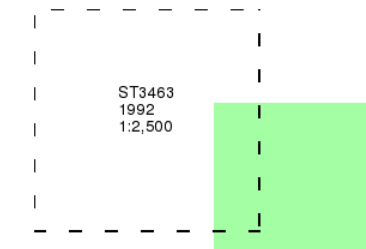
Large-Scale National Grid Data

Published 1992

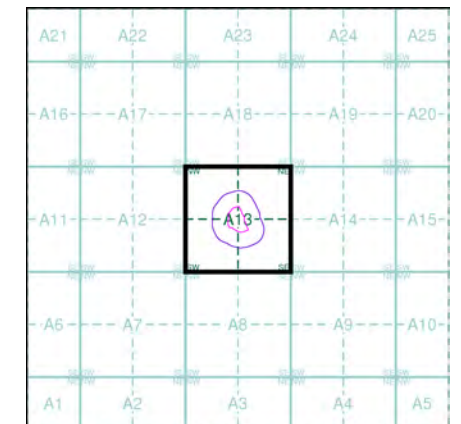
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200

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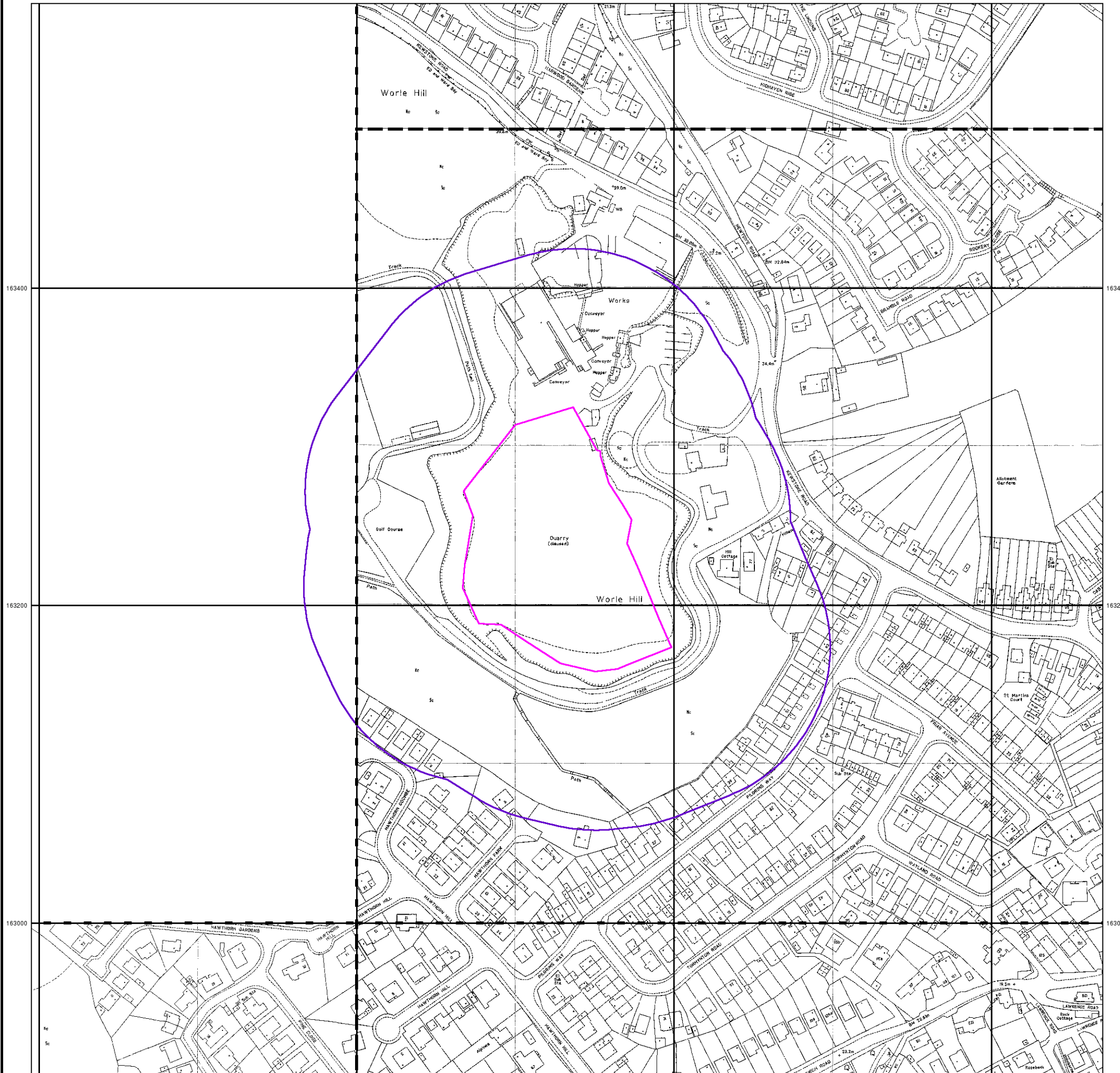
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Large-Scale National Grid Data

Published 1992

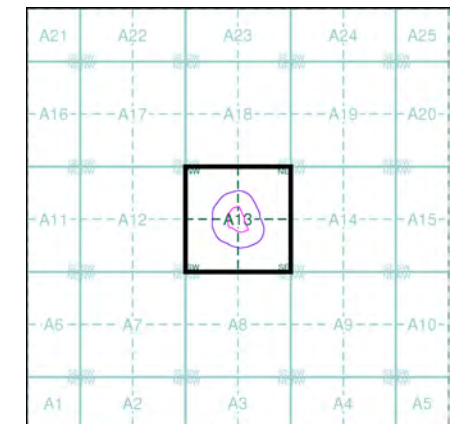
Source map scale - 1:1,250

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

Map Name(s) and Date(s)

ST3563NW	1992	1:1,250
ST3563SW	1992	1:1,250
ST3462NE	1992	1:1,250
ST3562NW	1992	1:1,250

Historical Map - Segment A13



Order Details

Order Number: 310224963_1_1
 Customer Ref: FJ_276745
 National Grid Reference: 335130, 163240
 Slice: A
 Site Area (Ha): 1.42
 Search Buffer (m): 100

Site Details

Site at 335140, 163200

Landmark
INFORMATION GROUP

Tel: 0844 844 9952
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334800

335000

335200

335400

163400

163400

163200

163200

163000

163000



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0 100 m

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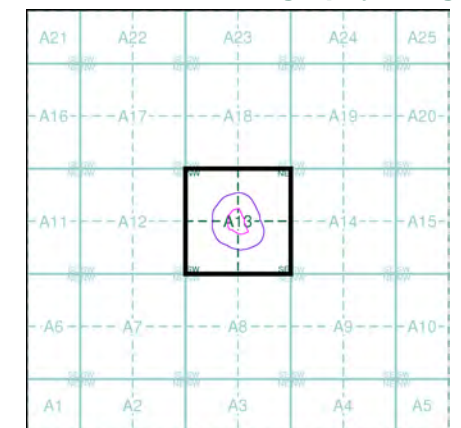
LANDMARK INFORMATION GROUP®

Historical Aerial Photography

Published 1999

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



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