West Burton Solar Project

Environmental Statement Appendix 2.1: EIA Scoping Report (Part 4 of 5)

Prepared by: Lanpro Services

March 2023

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APFP Regulation 5(2)(a)



West Burton Solar Project

EIA Scoping Report Appendices (Part 3 of 4): Chapter 10 (Part B) Ground Conditions and Contamination

Prepared by Lanpro January 2022





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Issue Sheet

Report Prepared for: West Burton Solar Project Ltd.

EIA Scoping Report Submission

West Burton Solar Project: EIA Scoping Report

Appendices (Part 3 of 4): Chapter 10 (Part B)

Ground Conditions and Contamination

Prepared by:

Name: Jane Crichton MRTPI

Title: Associate Director

Approved by:

Name: Ian Douglass MRTPI

Title: Associate Director

Date: January 2022

Revision: 1



10.3 Preliminary Geo-Environmental Risk Assessment Report for West Burton 3



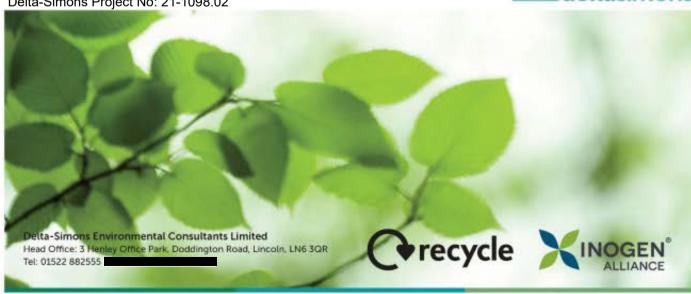
Preliminary Geo-Environmental Risk Assessment **West Burton Solar Project – West Burton 3**

West Burton Solar Project Limited Presented to:

Issued: November 2021

Delta-Simons Project No: 21-1098.02





Report Details

Client	West Burton Solar Project Limited		
Report Title	Preliminary Geo-Environmental Risk Assessment		
Site Address	Land at Brampton, Lincoln, LN1 2FL		
Report No.	21-1098.02_REP_West-Burton-Solar-WB3_PRA_21-11-29		
Delta-Simons Contact	Paul Huteson deltasimons.com)		

Quality Assurance

Issue No.	Status	Issue Date	Comments	Author	Technical Review	Authorised
01	Final	29/11/2021				
				Jessica Rowe Senior Consultant	Paul Huteson Associate Director	Paul Bennett Unit Director

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As part of Lucion Services, our combined team of 500 in the UK has a range of specialist skill sets in over 50 environmental consultancy specialisms including asbestos, hazardous materials, ecology, air and water services, geo-environmental and sustainability amongst others.



Delta-Simons is proud to be a founder member of the Inogen Environmental Alliance, enabling us to efficiently deliver customer projects worldwide by calling upon over 5000 resources in our global network of consultants, each committed to providing superior EH&S and sustainability consulting expertise to our customers. Through Inogen we can offer our Clients more consultants, with more expertise in more countries than traditional multinational consultancy.

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1.0 Introduction

1.1 Appointment

Delta-Simons Environmental Consultants Limited ("Delta-Simons") was instructed by West Burton Solar Project Limited (the "Client") to prepare a Preliminary (Geo-Environmental) Risk Assessment for a parcel of land located at Brampton, Lincoln, LN1 2FL, hereafter referred to as 'West Burton 3' (the "Site"). A Site Location Map is included as Figure 1.

This Report was undertaken in accordance with Delta-Simon's fee proposal dated 20th October 2021. The standard limitations associated with this Assessment are presented in Appendix A.

1.2 Context & Purpose

It is understood that the Site is proposed to be developed as a Solar Farm (West Burton Solar Project), however, no proposed development plans have been provided. It is anticipated that the majority of the Site will comprise ground mounted solar arrays with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage.

The aim of this Report is to support the submission of a planning application for the proposed development.

To that end this study assesses the likely environmental issues associated with soil and groundwater conditions that may affect the proposed development of the Site. This Report is designed in general accordance with guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework (NPPF) (as revised 2021) (paragraphs 174 & 183-184)¹ and the Planning Practice Guidance (Land Affected by Contamination)².

1.3 Scope of Works

- A Review of the environmental setting of the Site, including the current use / status of the Site and surrounding area, and review of the geology, hydrogeology and hydrology;
- Review of the historical activities of the Site and surrounding area;
- Review of regulatory information relating to the Site;
- Review of the online planning records for the Site;
- ▲ Consult and review information from the Local Authority in relation to Part 2A of the 1990 Environmental Protection Act;
- Review online records of potential unexploded ordnance risks;
- ▲ Develop an outline Conceptual Site Model, and undertake a Preliminary Risk Assessment with respect to potential contamination focussed on the proposed land use; and
- Provide commentary on potential land contamination and geotechnical constraints in the context of the proposed development.

1.4 Existing Information

The following information has been used within the Assessment:

- Current and Historical Ordnance Survey (OS) maps;
- British Geological Survey (BGS) data;
- ▲ Environment Agency (EA) online data;
- Coal Authority (CA) online data;
- ▲ A Landmark Envirocheck Report for the Site (Ref. 287331844 1 1), dated 4th November 2021;



¹ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1004408/NPPF_JULY_2021.pdf

² https://www.gov.uk/guidance/land-affected-by-contamination

- Historical Maps included as part of the Envirocheck Report; and
- Information provided by West Lindsey District Council.

1.5 Limitations

The standard limitations associated with this Assessment are presented in Appendix A. In addition, there are the following specific limitations that apply to this Assessment:

- ▲ No proposed development scheme has been provided, however, it is anticipated that the majority of the Site will comprise ground mounted solar panels with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage; and
- A Site walkover has been undertaken as part of this assessment, however, given the scale of the Site it is not feasible to inspect all of the Site, although key areas have been inspected.



2.0 Site Context & Data Review

2.1 Site Information

Co-ordinates	Centred at National Grid Reference 485660, 379750.	Elevation	5 - 18 m AOD
	379730.	Area	369 Ha
Site Address and Location	The Site is located to the north east of Brampton, a Lincoln city centre. A Site Location Map is included		15 km north west of
Site Description	The Site has been assessed through readily available online aerial and street view imagery and a Site Layout Plan is included as Figure 2. In addition, a Delta-Simons representative undertook a Site walkover of readily accessible areas on 24 th November 2021. Pertinent entries observed or reported on-Site area shown on Figure 3, with supporting photographs. The Site consists a series of agricultural fields separated into two parcels in the west and east by a railway line. The fields are separated by hedgerows and land drains with occasional trees. The railway line was noted to be located on an approximately 3.0 m heigh embankment in the northern area and within an approximately 3.0 m deep cutting in the southern area, adjacent to the Site boundary. Overhead electrical power lines and associated pylons are noted to cut across the south western and north eastern areas of the Site. From readily available online data, the Site is indicated to range from approximately 5 m AOD in the central area to 18 m AOD and 15 m AOD in the west and east, respectively and is in accordance with the local topography.		
Description of Adjacent and Surrounding Land Uses	The Site is located within a predominantly rural area with the surrounding area dominated by agricultural land and a number of farms. Residential dwellings and a golf course are present to the south west and commercial properties are present adjacent to the central area of the Site. The villages of Marton and Torksey are present to the north west and south west, respectively.		

2.2 Physical Setting

Published Geology	From the BGS Geology of Britain Online Viewer, superficial deposits are mapped as absent across the majority of the Site. The Holme Pierrepont Sand and Gravel Member is mapped in the central area and may encroach along the western boundary. The bedrock is mapped as the Scunthorpe Mudstone Formation (Mudstone and Limestone) across the majority of the Site and the Penarth Group (Mudstone) along the western boundary.			
Site-Specific Geology	There are eight BGS Boreholes (Ref. SK87NE23, SK87NE22, SK87NE17, SK87NE15, SK88SW23, SK88SE14, SK88SE15 and SK88SE3) located on-Site in the central and southern area. The boreholes recorded a general sequence of Topsoil underlain by firm becoming stiff clays to a minimum depth of 26 m bgl. Groundwater was encountered between 4.0 m bgl and 6.0 m bgl. Borehole Ref. SK87NE17 was advanced to investigate the presence of coal and identified sandstone, mudstone, siltstone and coal at depths below 180 m bgl.			
Aquifers and Groundwater Receptors	The EA classify the superficial Holme Pierrepont Sand and Gravel Member as a Secondary A Aquifer and the Scunthorpe Mudstone Formation and Penarth Group as Secondary B Aquifers.			



	The EA also indicate that the Site is not located within a Groundwater Source		
	Protection Zone (SPZ).		
	According to the Envirocheck® Report there are no licenced groundwater abstractions records within 500 m of the Site.		
Hydrology	There are a series of unnamed land drains across and along the Site boundaries. In addition, the River Till is located approximately 1.0 km west.		
	According to the Envirocheck® Report there are no licenced abstraction records from surface water within 500 m of the Site.		
Mining & Quarrying	Reference to the Coal Authority on-line viewer indicates that the Site is not with a Coal Mining Reporting Area. Consequently, as such a Coal Mining Risk Assessment (CMRA) is not required under the planning regime.		
	There are two BGS Recorded Mineral Sites within 500 m of the Site, the closest of which is located approximately 35 m south relating to the opencast extraction of the Scunthorpe Mudstone Formation. The operation is noted as ceased.		
Radon Gas	The Site lies within an area where less than 1% of homes are above the National Radiological Protection Board (NRPB) recommended "action level" for radon. BRE211 (2015) indicates that no radon protective measures are necessary in the construction of new buildings at the Site.		
Agricultural Buried Waste	Legal burial of waste, including asbestos containing materials (ACM) for agriculture was banned in 2006.		
	Prior to that date it is understood farmers were required to make a record of waste burial locations and recommended use a clean cover of soil.		
	There are no known records of agricultural buried waste for this Site, but infilled ponds may represent a source of contamination.		

2.3 Sensitive Land Use

Ecological Receptors	It is understood from information provided within the Envirocheck Report that there are no statutory ecological receptors located within 500 m of the Site.		
Heritage Interest	Historic England Records indicate that there are two Scheduled Ancient Monuments (SAM) along the south western boundary and surrounded by the Site in the north east. There are also a number of Grade II buildings adjacent to the western boundary.		

2.4 Historical Use of the Site & Surrounding Area

2.4.1 Approach

The historical development of the Site and surrounding area has been assessed through a review of historical maps, aerial photographs and Google Earth historical satellite imagery. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of selected historical maps are included as Appendix C.

2.4.2 Historical Information Review

The following table provides a review of the historical information for the Site, adjacent and surrounding area.

Historical	From the earliest map edition dated 1885, the Site is largely undeveloped and
Features On-Site	comprises a series of agricultural fields with associated land drains and ponds in the



central and northern area. The south western corner of the Site is mapped as a brick yard which comprises a series of pits and two buildings on-Site.

By the 1906 map edition the brick yard is now mapped as an Old Brick Kiln and no buildings are mapped. The pits are no longer mapped and assumed infilled by the 1975 map edition.

Overhead electrical power lines are noted by the 1979 map edition.

Ponds in the central area of the Site are no longer mapped by the 1980 and 2000 map edition

No further alterations are noted, and the Site remains consistent until present day.

Potentially Contaminative Historical Features Off-Site

Potential sources of contamination located within 250 m include;

- A railway line which cuts through the central area of the Site mapped from the earliest map edition dated 1885 until present;
- ▲ The wider brick yard and associated pits located adjacent to the south western corner mapped from the earliest map edition dated 1885 until 1906. By the 1979 map edition the pits are no longer mapped with the exception of one and the area is indicated to be marsh land;
- ▲ Two depots located adjacent to the central area of the Site from the 1979 map edition until present. Tanks are also noted associated with the depot in the 1979 map edition only; and
- ▲ Two potentially infilled ponds located adjacent to the central area of the Site from the 1979 map edition.

2.4.3 Unexploded Ordnance (UXO)

The Zetica Regional Unexploded Bomb Risk Map for the area of the Site () indicates a low risk from unexploded ordnance at the Site.

2.5 Environmental Database Review

The Landmark Envirocheck® Report provides a database of environmental information held by various statutory bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and Public Health England amongst others. A copy of the Envirocheck Report is provided in Appendix D and the most relevant information is summarised below.

Features On-Site	The Landmark Envirocheck® Report lists the following entries for the Site;
	▲ An area of potentially infilled land (non-water) located in the south western corner of the Site, likely associated with the historical brick works; and
	▲ An area of infilled land (water) located in the central area.
Potentially Contaminative	Pertinent entries included within the Landmark Envirocheck® Report, located within 250 m of the Site, include the following:
Features Off-Site	▲ Five Discharge Consents, the closest of which is located approximately 30 m north east relating to the discharge of sewage effluent to groundwater;
	▲ Three Contemporary Trade Directory Entries, the closest of which is located approximately 40 m north relating to an inactive road haulage services; and
	▲ Five Manufacturing and Production Points of Interest, the closest of which is a tank indicated to be on-Site in the central area, however, is considered to represent an off-Site entry associated with the commercial depot.
	There are no BGS, EA or Historical Landfill Sites within 500 m of the Site.



2.6 Planning Review/Regulatory Enquiries

On-line Planning Review	West Lindsey District Council	Date Accessed	15/11/2021
Findings	There are no planning applications listed for the Si No additional potentially contaminative activities of assessment was identified from the historical plant	r other information p	ertinent to this



3.0 Conceptual Site Model

3.1 Introduction

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of contaminant linkages.

3.2 Potential Contamination Sources

Identified potential contamination sources are presented in the following table:

Reference	Source	Location	Dates Present	Potential Associated Contaminants of Concern	
S1	Agricultural use including small scale fuel spills/leaks from machinery	Site-wide	Pre 1885 to present	Heavy metals and hydrocarbon compounds	
S2	Historical brick works	South western corner	Pre 1885 to 1906	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas	
S3	Infilled land associated with historical brick works	South western corner and directly adjacent to the Site.	1975 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas	
S4	Potentially infilled ponds	Central area	1979 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas	
S5	Potential for buried asbestos waste	Site-wide	Pre 2006 to present	Asbestos	
S6	Off-Site infilled ponds	Off-Site adjacent to the central boundary	1979 to present	Hazardous Ground Gas	
S7	Off-Site depots and associated tanks	Off-Site adjacent to the central boundary	1979 to present	Heavy metals and petroleum hydrocarbons	
S8	Unrecorded on and off-Site sources	Unknown	Unknown	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas	

3.3 Potential Pathways

The potential pathways are considered to be as follows:

- Direct contact, ingestion or inhalation of soil bound contaminants / dust during or following redevelopment.
- Inhalation of organic vapours associated with contamination.
- ▲ Migration of ground gas / vapours into on-Site buildings causing asphyxiation or risk of explosion.
- ▲ Leaching of contamination into groundwater followed by migration of groundwater to the wider groundwater environment or discharge to surface waters.
- Direct contact between aggressive ground conditions and new infrastructure.



3.4 Potential Receptors

Relevant potential receptors are considered to include:

- Construction workers.
- ▲ Third parties during construction (adjacent Site users and adjacent residents).
- ▲ Future Site users including maintenance workers.
- Controlled waters including on and off-Site land drains.
- ▲ The underlying Secondary A and Secondary B Aquifers.
- ▲ The Built Environment (new buildings and infrastructure / utilities).



Source	Pathway(s)	Receptor(s)	Risk Ratings	Justification & Mitigation (if required)
	Direct contact/ ingestion and inhalation of dust, vapours and asbestos fibres.	Future Site users. Groundworkers during the redevelopment or during any sub- surface maintenance works.	Very Low Risk	Limited potential sources of contamination have been identified at the Site associated with the Sites former agricultural use and brick works in the south western corner. Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low. No further works are considered to be required. A 'hotspot' protocol should be in place during the redevelopment for ground workers to act upon should suspected contamination be identified. Groundworkers should use appropriate personal protective equipment (PPE), including respiratory protective equipment (RPE), if required and maintain good standards of hygiene to be protected from any soil contamination which may be present.
Sources Identified in Section 3.2.	Leaching of contamination into groundwater. Vertical and lateral migration of contamination through permeable deposits below the Site.	Controlled waters.	Very Low Risk	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
	Direct contact.	Buried infrastructure.	Low Risk	Sulphates within the ground have the potential to attached buried infrastructure. Based on the anticipated natural clay soils at the Site, the risk is considered low, however it would be prudent to assess the sulphate class of the soils at the time of any geotechnical investigation. It is considered unlikely that new potable water supply pipes are required.
Hazardous ground gas (Potential infilled ponds and pits in the south western corner).	Accumulation of gas in enclosed spaces and subfloor voids.	Buildings and future Site users.	Very Low Risk	Limited sources of ground gas have been identified at the Site associated with potentially infilled ponds in the central area and brick pits in the south western corner. Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is considered very low, as such, no further assessment is required.



4.0 Conclusions & Recommendations

4.1 Land Contamination Risks and Liabilities

Soils	Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low and no further assessment is required.
Groundwater	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
Ground Gas	Limited sources of ground gas have been identified at the Site associated with potentially infilled ponds in the central area and brick pits in the south western corner.
	Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is considered very low, as such, no further assessment is required.
Building Fabric & Services	Aggressive ground chemistry may attack buried concrete and therefore there may be a requirement for protection measures to be put in place at the Site.
Materials Management Earthworks will need to be undertaken under a Materials Manage (MMP) in accordance with the CL:AIRE Code of Practice to facilitate of these materials. The Contractor shall be responsible for the preparameter of materials appropriate sign off from a Qualified Person process.	
Potential Contaminated Land Development Risks	Widespread contamination is considered unlikely and the preliminary risk assessment has identified a very low to low risk of soil/groundwater contamination and hazardous ground gas at the Site.

4.2 **Geotechnical Considerations**

Uncertainty and Data Gaps	This assessment is based on desk study information only. No Site-specific ground investigation data has made available for review.
Preliminary Ground Model	Based on the available information, it is anticipated that the Site is likely underlain by a sequence of Topsoil and superficial Holme Pierrepont Sand and Gravel in the central area, subsequently underlain by bedrock of the Scunthorpe Mudstone Formation or Penarth Group along the western boundary. Bedrock is anticipated directly below Topsoil in the western area of the Site.
	Given the presence of a land drains, groundwater is expected to be shallow or perched.
Plausible Geo-Hazards	The geohazards listed below have been identified to follow guidance presented in the HE document CD622 'Managing Geotechnical Risk' (2019) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.
	The following geohazards are considered to be substantial ground related risks associated with the proposed development. A substantial risk is defined by Delta-Simons in Appendix B.
	▲ Potential for Made Ground associated with potentially infilled ponds in the central area and infilled pits in the south western corner. Made Ground is



typically variable in nature and strength with a potentially low bearing capacity and unacceptable levels of total/differential settlement may occur;

- Potential for shallow groundwater within the granular superficial deposits; and
- Possible shrink/swelling of clay due to trees bordering the Site and along field boundaries.

4.3 Recommendations and Development Constraints

Recommendations

The following recommendations and development abnormals area considered appropriate;

- A geotechnical Site investigation to assess in-situ geotechnical soil strength testing / laboratory testing and CBRs, in order to inform proposed foundation/roadway design. Targeted investigation may be required in the are of the former brick works, subject to the final development scheme;
- A hotspot protocol should be put in place for groundworks to act upon should potential contamination be identified; and
- ▲ Subject to the proposed development scheme a Materials Management Plan (MMP) may be required in accordance with regulatory protocols during redevelopment.

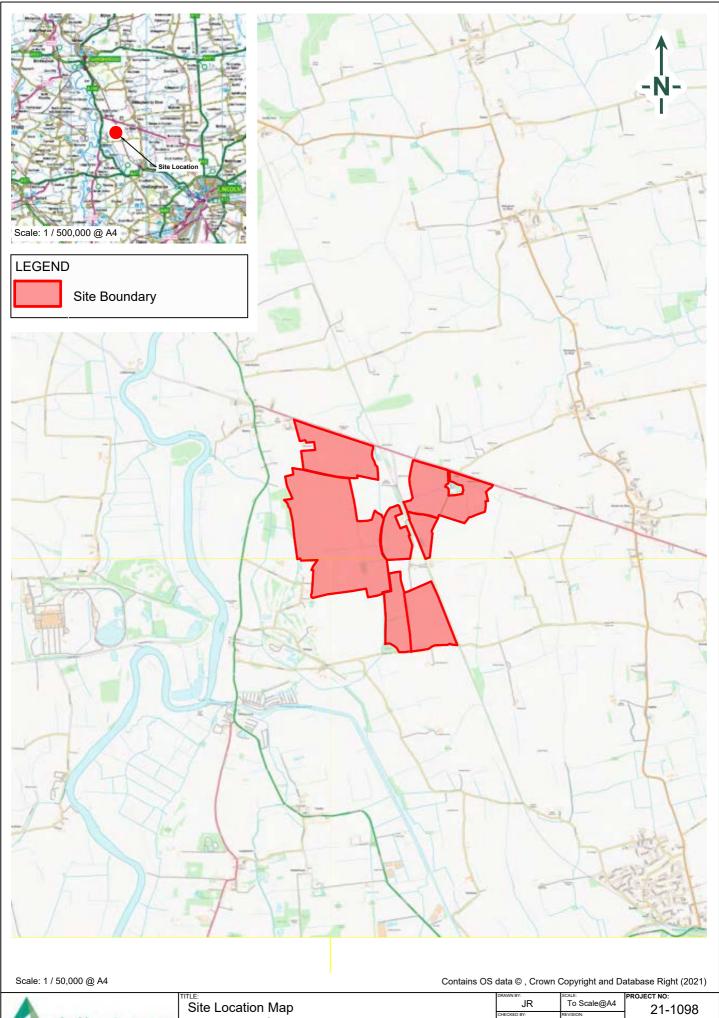


Figures



Figure 1 – Site Location Map





Site Location Map
West Burton Solar Project West Burton 3

8th November 2021

Figure 2 – Site Layout Plan





deltasimons

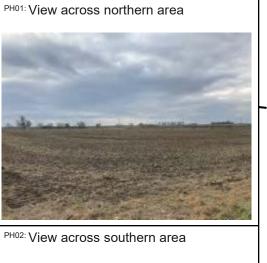
Site Layout Plan West Burton Solar Project West Burton 3

DRAWN BY:	SCALE:	F
JR	Not to Scale	
CHECKED BY:	REVISION:	ı
PH	1	F
DATE: 8th Nove	ember 2021	

PROJECT NO:
21-1098.02
FIGURE NO:
2

Figure 3 – Relevant Feature Plan

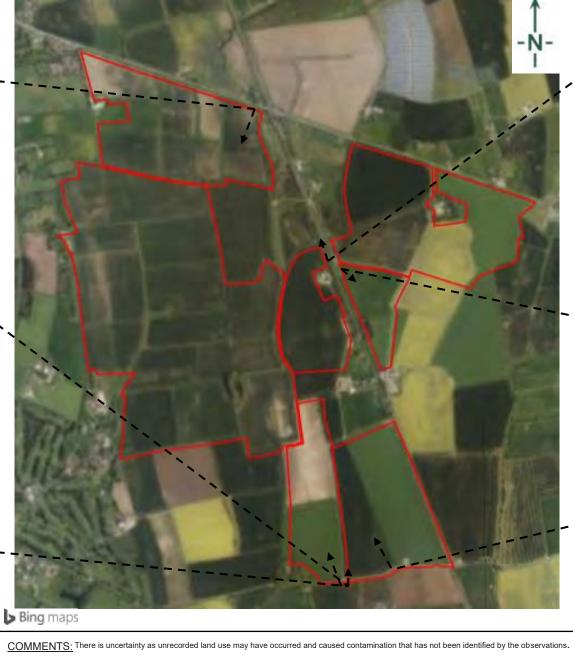






PH03: Access road in southern area







Relevant Features Plan
West Burton Solar Project
West Burton 3

DRAWN BY: SCALE:
JR NTS
CHECKED BY: REVISION:
PH 1

PH06: View across southern area

FIGURE NO:

PH04: View along access road in central

PH05: View eastern area

26th November 2021

3

21-1098.02

Appendices



Appendix A – Limitations



Limitations

This Report was prepared by Delta-Simons Environmental Consultants Ltd (Delta-Simons) for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. Delta-Simons does not intend, without its written consent through a formal letter of reliance or warranty, for this Report to be disseminated to any party other than the named Client or to be used or relied upon by any party other than the named Client. Use of the Report by any other party is unauthorised and such use is at the sole risk of the user. Any party using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by Delta-Simons. Unless explicitly agreed otherwise, in writing, this Report has been prepared under Delta-Simons' Standard Terms and Conditions as included within our proposal to the Client.

The recommendations contained within this Report represent Delta-Simons professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the Report.

Where Delta-Simons has obtained, reviewed and evaluated information in preparing this Report from the Client and others and Delta-Simons conclusions, opinions and recommendations has been reasonably determined using this information, Delta-Simons does not warrant the accuracy of the third-party information provided to it and cannot be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

Site surveys document the conditions encountered at the time of survey only and conditions may change due to natural processes or human intervention. As such, surveys represent an assessment at a specific point in time and Delta-Simons cannot be responsible for adverse conditions which arise or become apparent after the time of the survey or for conditions which sit outside the scope for which the survey or Report was commissioned.

Where intrusive investigations have been completed, information, comments and opinions given in this report are based on the ground conditions encountered during the site work period and on the results of laboratory and field tests performed during the investigation. Ground conditions are inherently variable such that no investigation can be exhaustive to the extent that all adverse conditions are revealed. Conditions may therefore be present beneath the site that were not apparent in the data reviewed or obtained as part of this assessment. It should be noted that groundwater levels vary due to seasonal and other effects and may at times differ to those measured during the investigation. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions. Where risk assessment is undertaken, this is based upon the standards, guidance and common practice at the time of the assessment and Delta-Simons cannot be responsible for conditions which become apparent following changes in guidance or practice or advancements in scientific knowledge which change the position in relation to assessment of risk.

No aspect of this Report constitutes a design. Where this information is used in design, the designer should verify the information has been used appropriately.

Where budgets are prepared and presented within the Report, these are for information only to indicate the likely magnitude of a cost and do not represent an invitation to treat for the works. All budgets and programmes presented should be reviewed and verified by appropriately qualified and experienced independent Project Managers and Cost Consultants.



Appendix B – Risk Definitions



Contaminated Land Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

Magnitude of the potential consequence (severity) of the Risk occurring: and

Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

Consequence to Receptor Definition Matrix

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
IVIIIN CANSSALIS	Chronic temporary impact on human health	Gradual pollution of non-	Damage to building rendering it unsafe.to occupy (e.g. foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e. discoloration of concrete

Probability Definitions

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution. Positive evidence of source, pathway and receptor.
Likely	There is a 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. Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term. No evidence of hazard, pathway, and receptor



Standard Risk Matrix

		Consequence/Magnitude of impact				
		Severe Medium Mild				
<u>ج</u>	High	Very High	High	Moderate	Moderate/Low	
Probability	Likely	High	Moderate	Moderate/low	Low	
	Low Likelihood	Moderate	Moderate/low	Low	Very Low	
_	Unlikely	Moderate/low	Low	Very Low	Very Low	

Classified risks and likely action

Significance Level	Definition/Comments
	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.
Very High Risk	This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
	Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
	Harm is likely to arise to a designated receptor from an identified hazard.
High Risk	Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
	Likely contaminated land situation, risk assessment and action recommended.
	It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.
Moderate	Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
	Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
	Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
	Negligible risk, no action recommended except vigilance for changes in conditions.



Geotechnical Risk Classification

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document CD622 '*Managing Geotechnical Risk*' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be **substantial** and are therefore listed within the report.

Probability	(P)	
Very Likely (VLk)	5	
Likely (Lk)	4	
Plausible (P)	3	
Unlikely (U)	2	
Very Unlikely (VU)	1	

Impact	(I)	
Very High (VH)	5	
High (H)	4	=
Medium (M)	3	
Low (L)	2	
Very Low (VL)	1	

(R)	Risk	
20 – 25	Severe	
15 – 19	Substantial	
10 – 14	Moderate	
5 – 9	Minor	
1 – 4	Negligible	



Appendix C – Historical Maps



Historical Mapping Legends

Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Bench Mark Site of Antiquities Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

Ordnance Survey County Series 1:10,560

Ordnance Survey Plan 1:10,000

Emm	Chalk Pit, Clay Pit or Quarry	000000000000000000000000000000000000000	Gravel Pit			
	Sand Pit	(Disused Pit or Quarry			
1:0:0:0	Refuse or Slag Heap		Lake, Loch or Pond			
	Dunes		Boulders			
余 余 ;	Coniferous Trees	4	Non-Coniferous Trees			
ቀ ቀ	Orchard no_	Scrub	Yn Coppice			
ਜ ਜ ਜ	Bracken SMIIII	Heath	, 、 , , , , Rough Grassland			
<u></u>	- Marsh 、、、V///	Reeds	스노스 Saltings			
	Direc	tion of Flow o	f \M/ater			
**************************************	Building	1	Shingle			
		<i>x</i> // <i>i</i> :	Offingle			
ESS	Glasshouse		Sand			
2000	Glassilouse	D. J				
		Pylon	Electricity			
1111111	Sloping Masonry		Transmission			
LITTIE		Pole	Line			
		• -	-			

**			Widitiple Track			
Road '	∐	el Foot	Standard Gauge Single Track			
Under	Over Cross		je -			
			Siding, Tramway or Mineral Line			
			→ Narrow Gauge			
			Ivaliow Gauge			
	Geographical Co	unty				
	Administrative Co		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 FB	Fire Engine Station Foot Bridge	PH SB	Public House Signal Box			
FB Fn	Foot Bridge Fountain	SB Spr	Spring			
GP	Guide Post	TCB	Telephone Call Box			
MP	Mile Post	TCP	Telephone Call Post			

Mile Post

Telephone Call Post

TCP

1:10,000 Raster Mapping

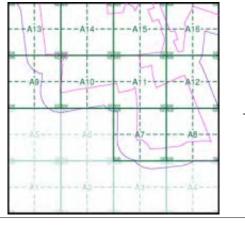
(1111)	Gravel Pit	OFF OF	Refuse tip or slag heap
2.7.2	Rock	, ,	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
11111111	Slopes	וווויווווי הדודונוני	Top of cliff
	General detail		Underground detail
	Overhead detail	***********	Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)	•••••	Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
۵ ^۵ **	Area of wooded vegetation	مم مم	Non-coniferous trees
۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	۵	Positioned tree
4	Orchard	x x	Coppice or Osiers
$\mathcal{A} T_{\ell_1}$	Rough Grassland	artifica.	Heath
On_	Scrub	d <u>N</u> ta.	Marsh, Salt Marsh or Reeds
S	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)
4- BM 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	\boxtimes	Pylon, flare stack or lighting tower
•‡•	Site of (antiquity)		Glasshouse
	General Building		Important Building



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906	4
Lincolnshire	1:10,560	1922	5
Lincolnshire	1:10,560	1922	6
Lincolnshire	1:10,560	1947	7
Ordnance Survey Plan	1:10,000	1956	8
Ordnance Survey Plan	1:10,000	1974 - 1979	9
Ordnance Survey Plan	1:10,000	1980 - 1981	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

Historical Map - Slice A





Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 485660, 379750

Slice:

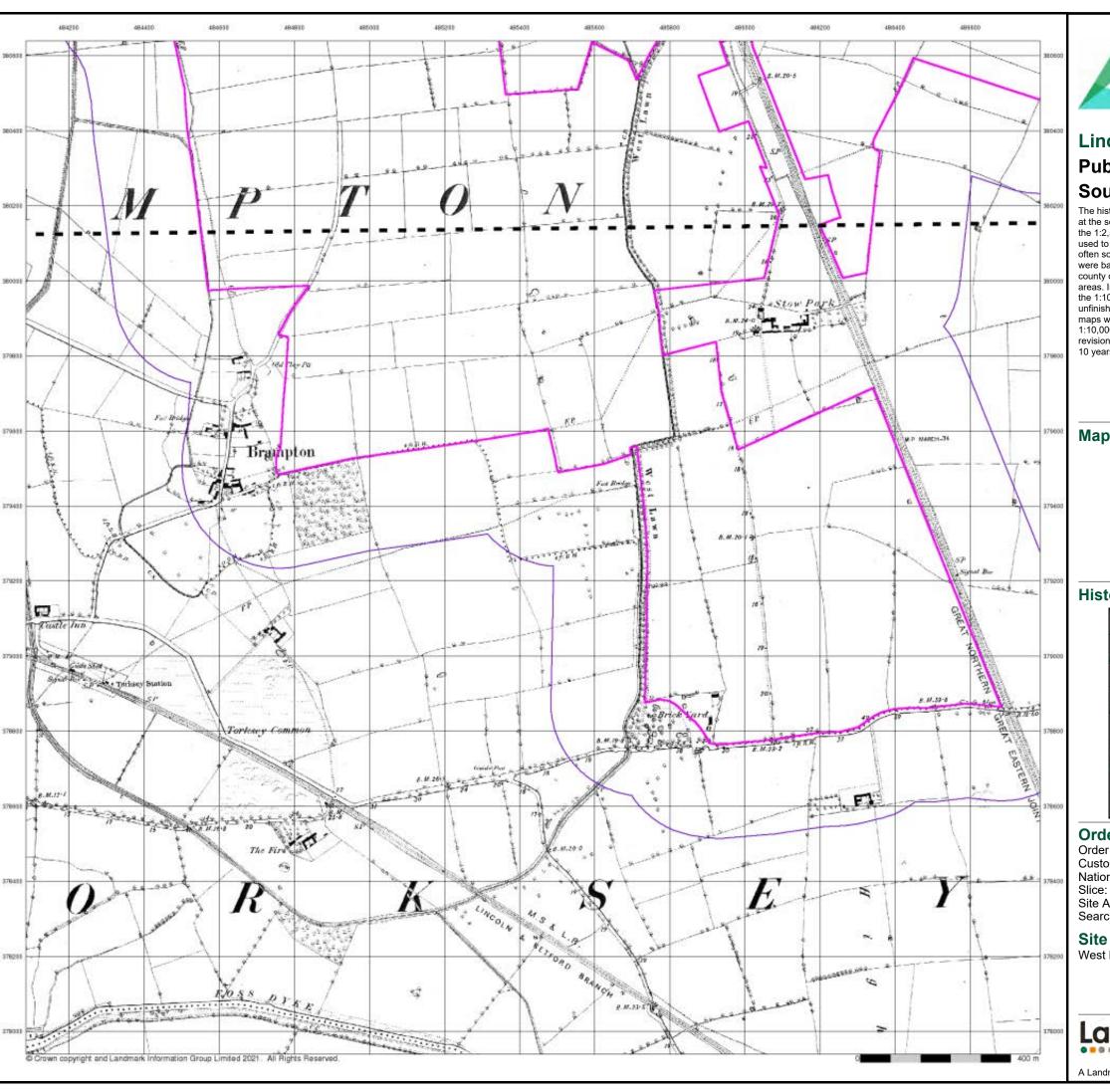
Site Area (Ha): Search Buffer (m): 369.47

Site Details West Burton 3

Landmark

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 1 of 13

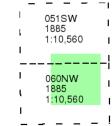




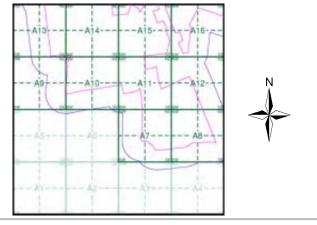
Lincolnshire **Published 1885** Source map scale - 1:10,560

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: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

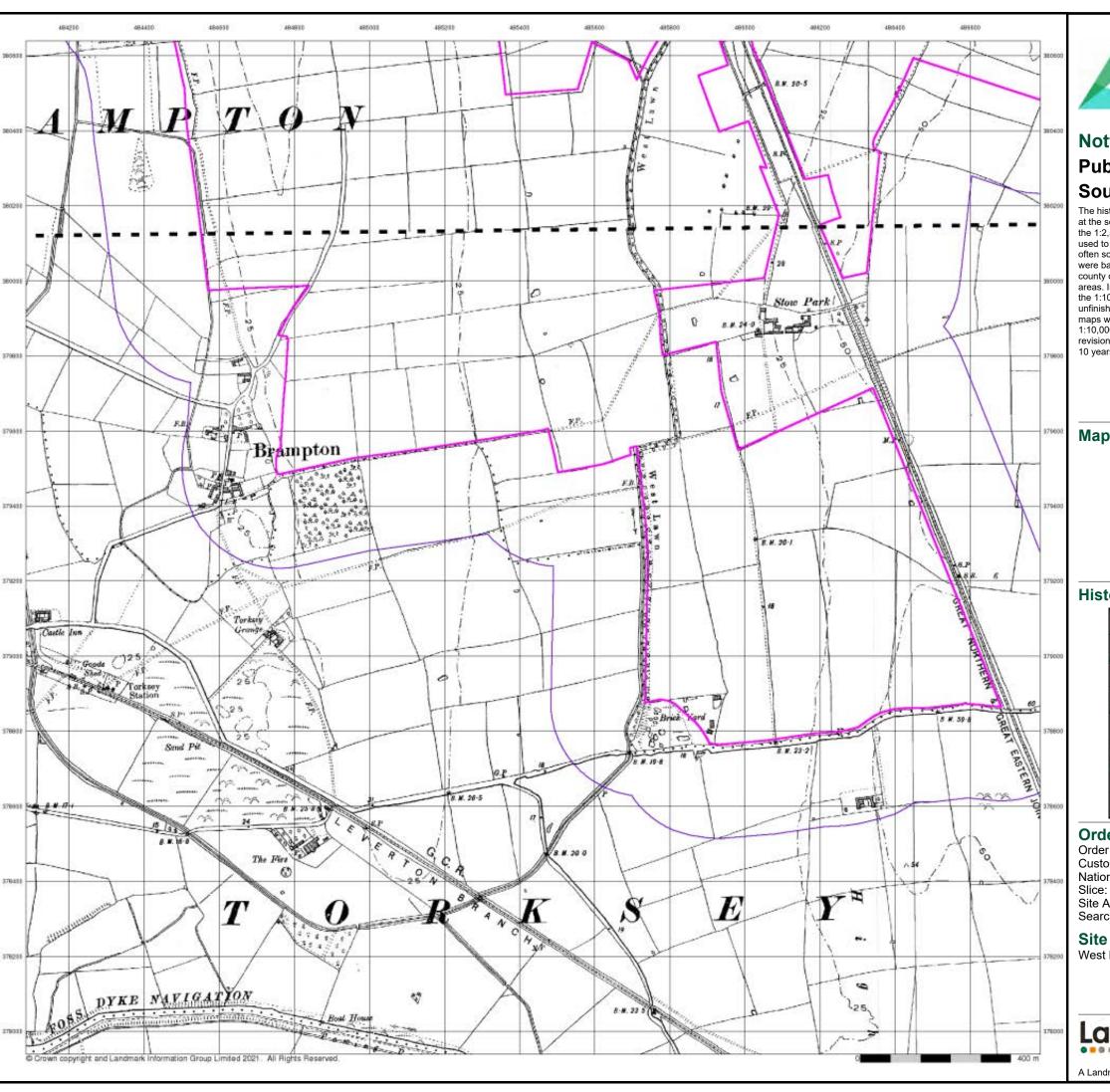
Site Details

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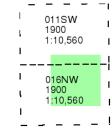




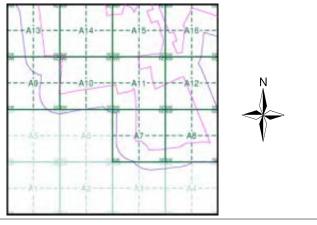
Nottinghamshire Published 1900 Source map scale - 1:10,560

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: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

(11.)

Site Area (Ha): 369.47 Search Buffer (m): 250

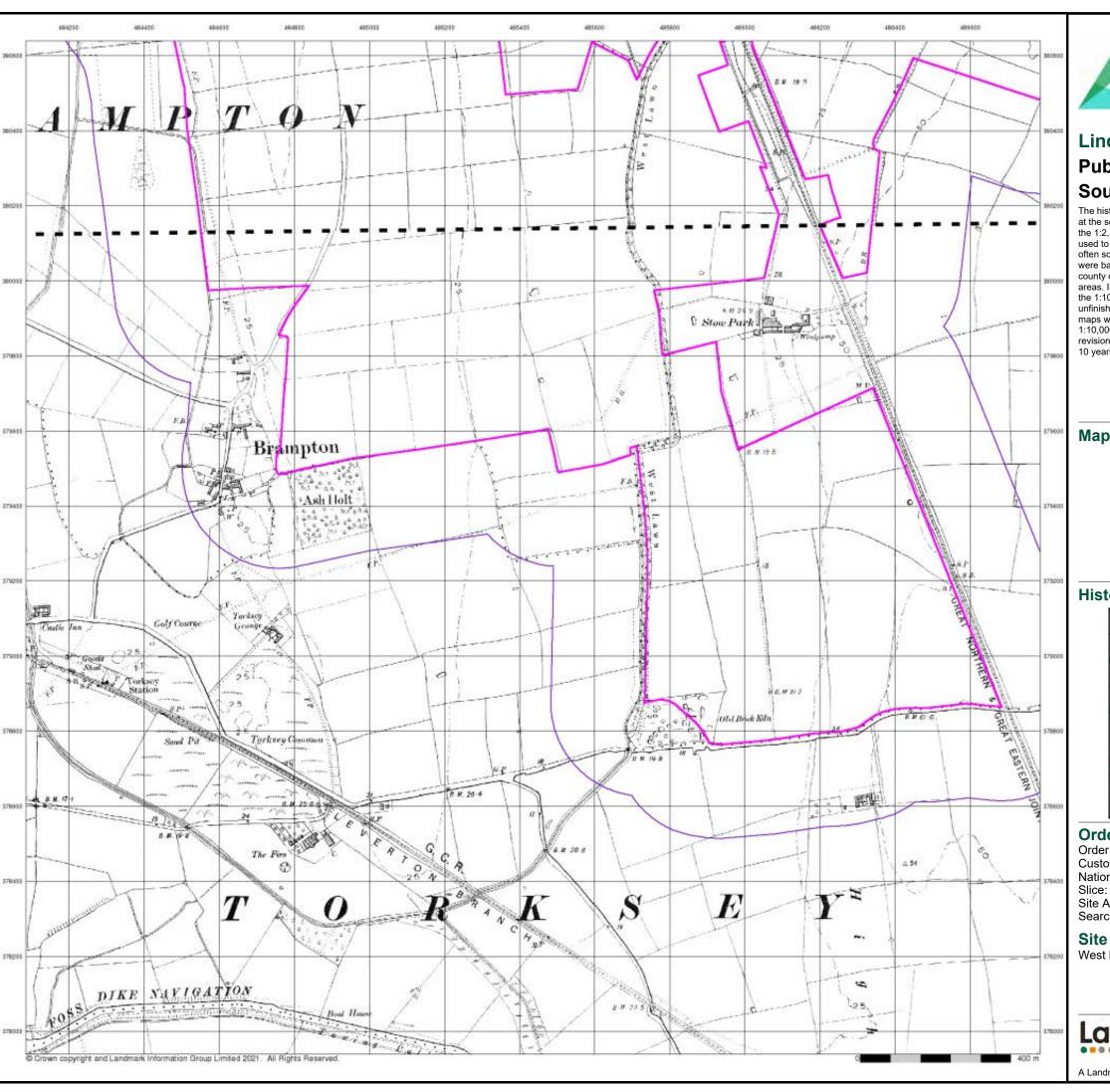
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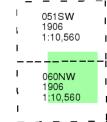




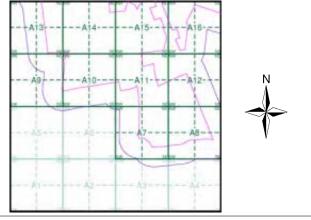
Lincolnshire Published 1906 Source map scale - 1:10,560

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: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

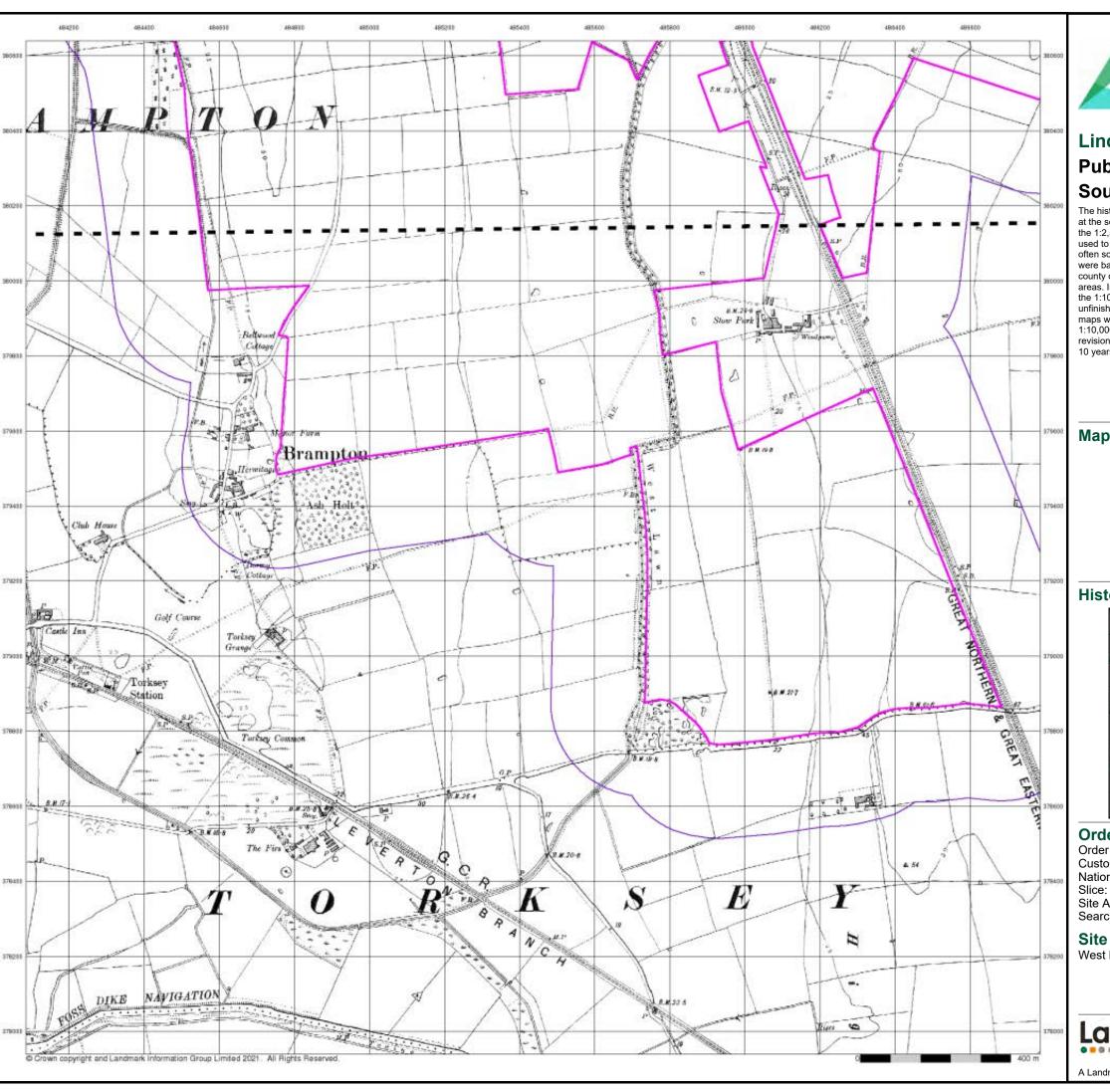
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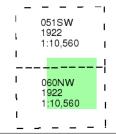




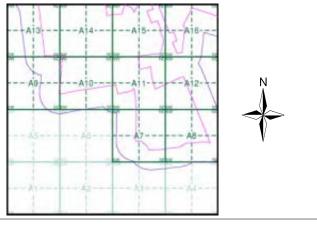
Lincolnshire Published 1922 Source map scale - 1:10,560

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: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

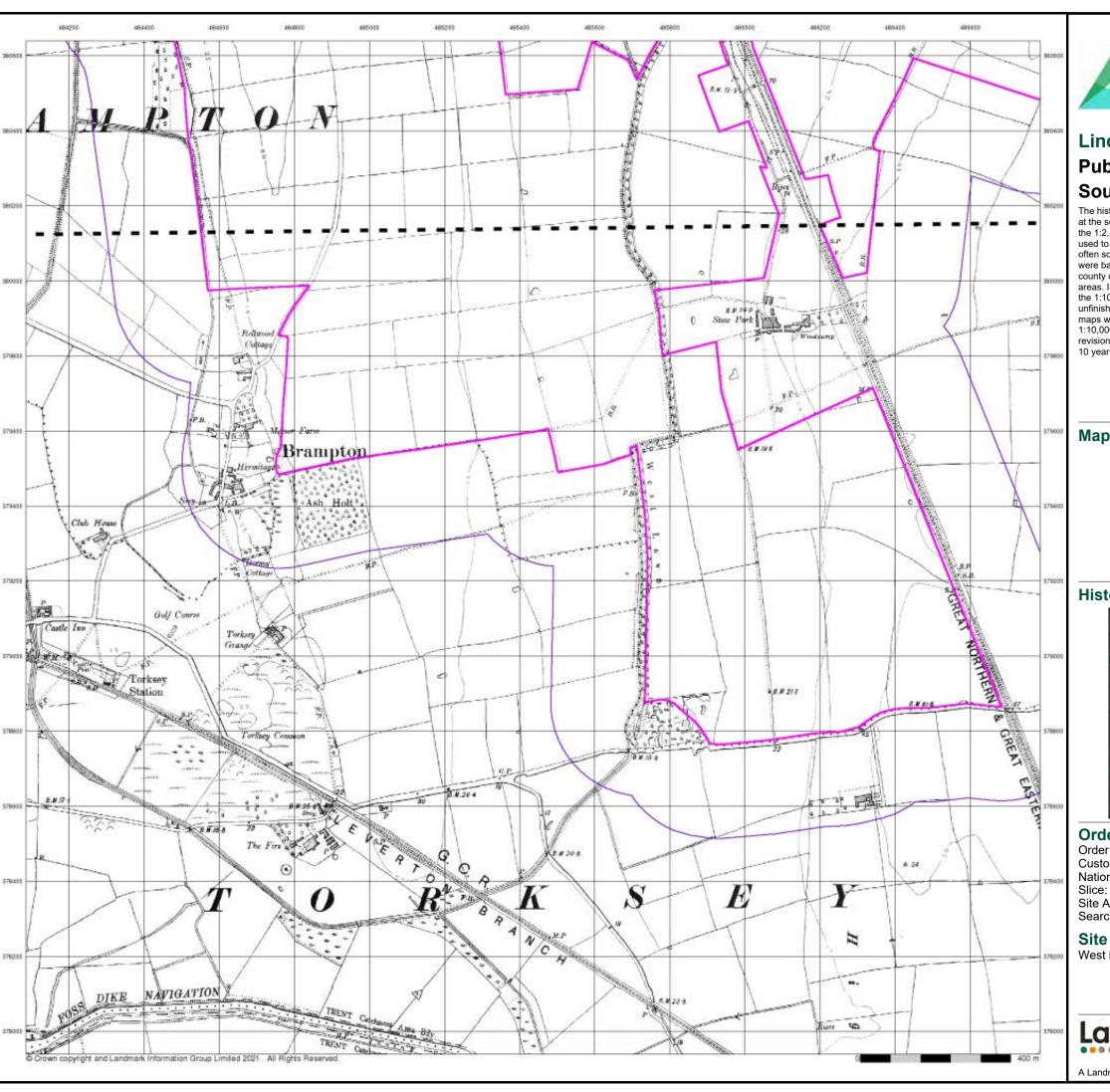
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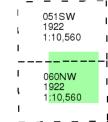




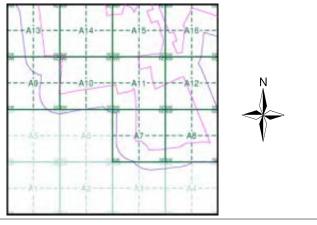
Lincolnshire Published 1922 Source map scale - 1:10,560

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: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

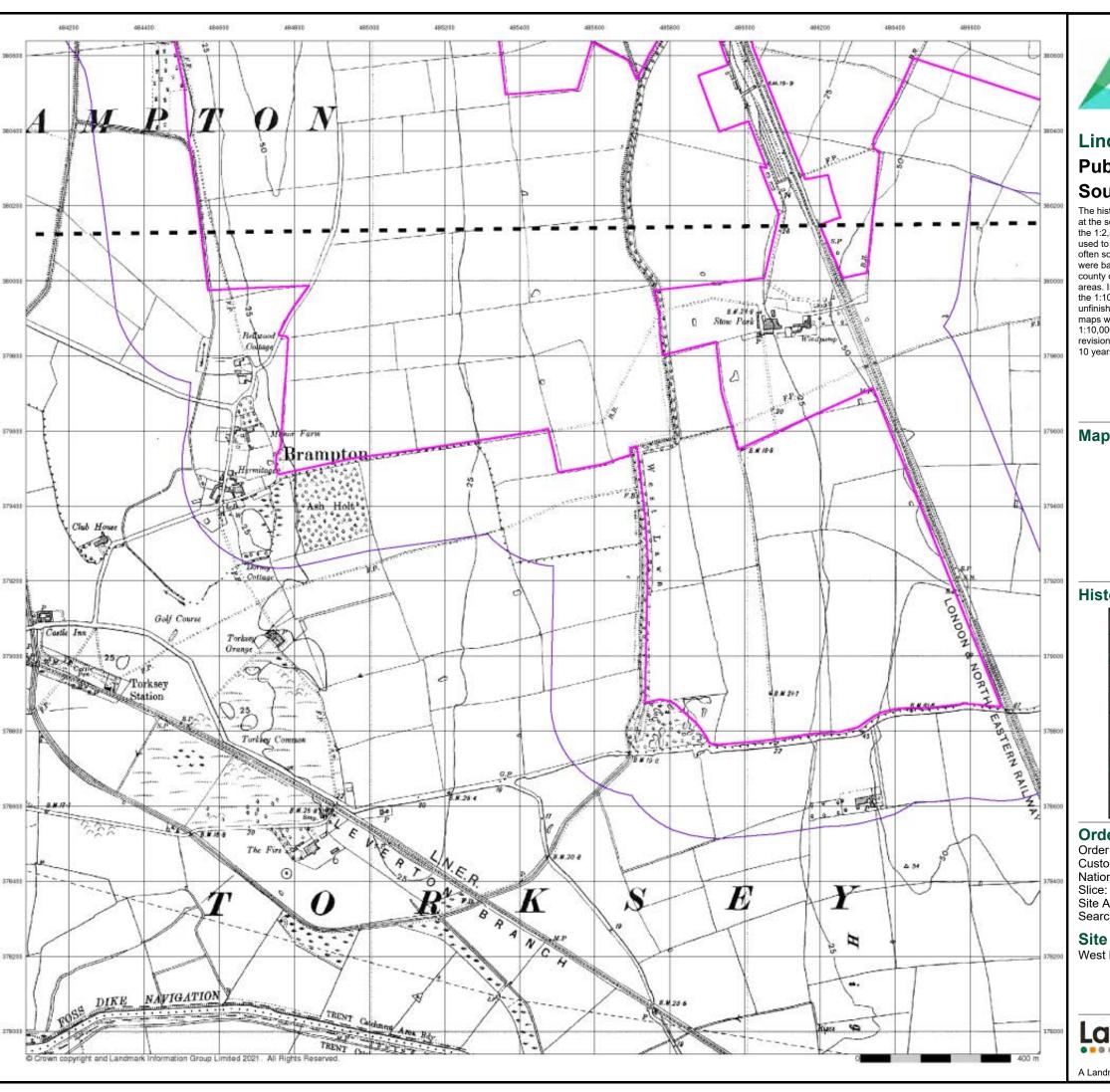
Site Details

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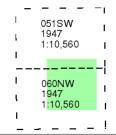


Lincolnshire **Published 1947**

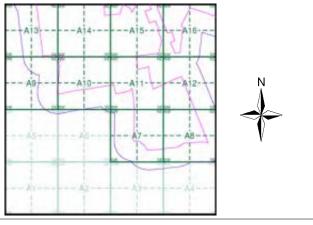
Source map scale - 1:10,560

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.

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Historical Map - Slice A



Order Details

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

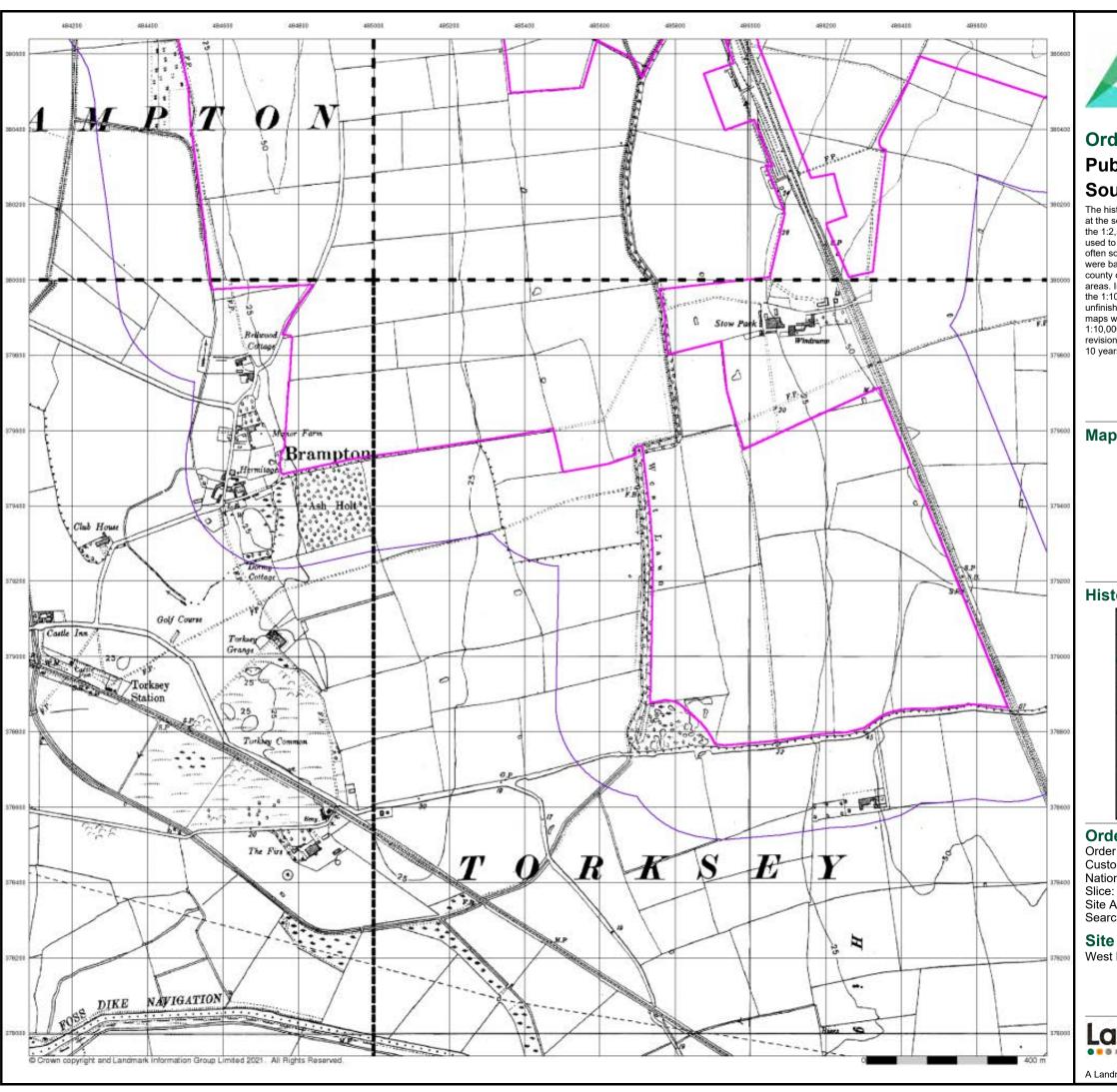
Site Details

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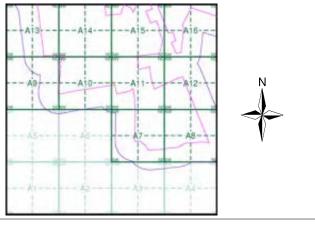
Ordnance Survey Plan Published 1956 Source map scale - 1:10,000

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)

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- 1	SK8	7NW	, I	SK	87N	E I
- 1	1956		Т	19		, 1
1	1:10	,560	ı	131	0,56	ı
_	_	_		_		_

Historical Map - Slice A



Order Details

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

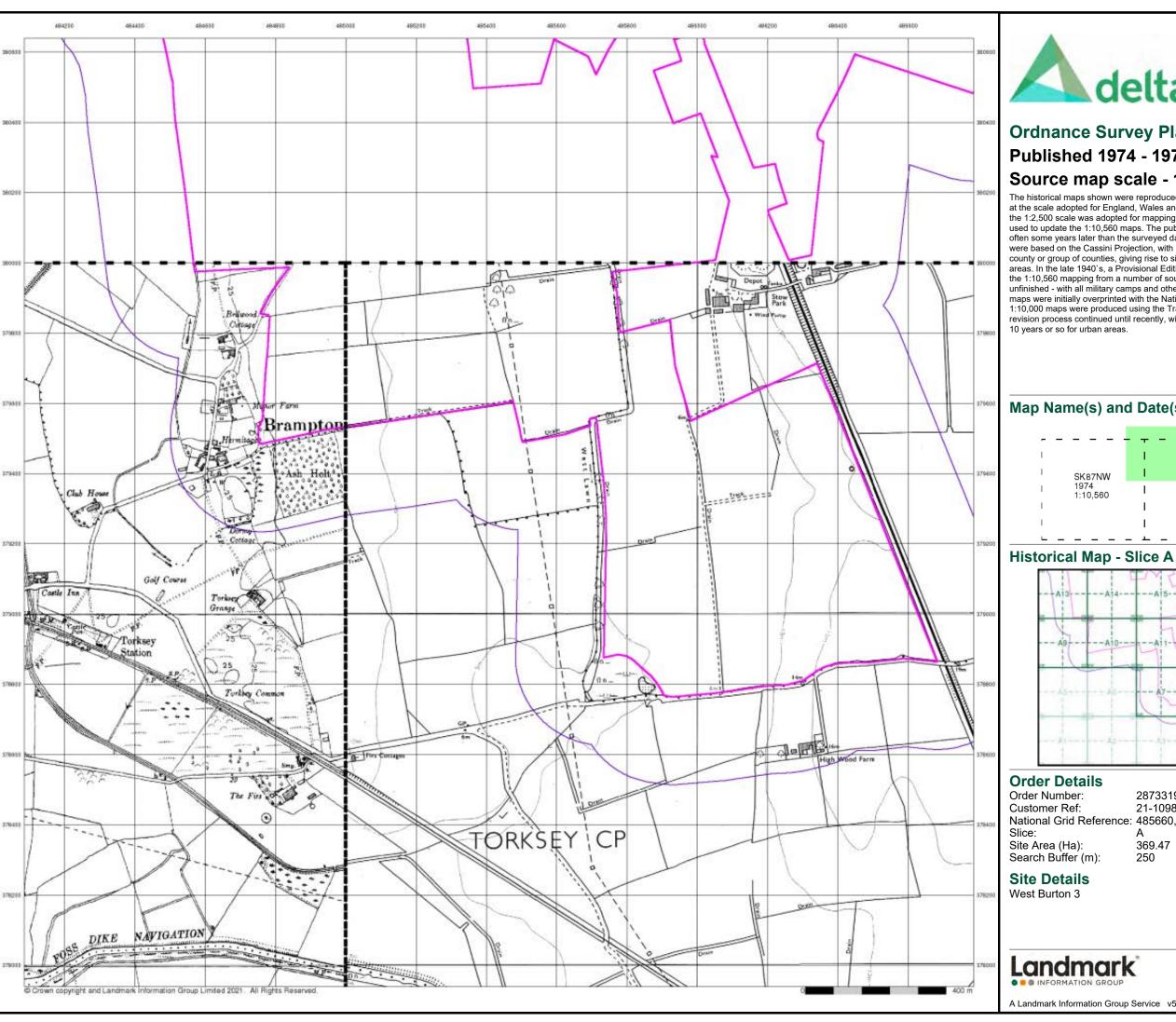
Site Details

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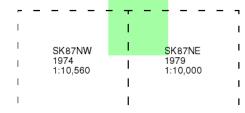


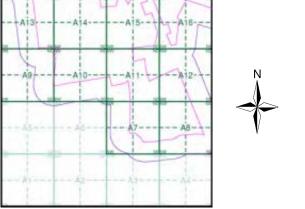


Ordnance Survey Plan Published 1974 - 1979 Source map scale - 1:10,000

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

Map Name(s) and Date(s)



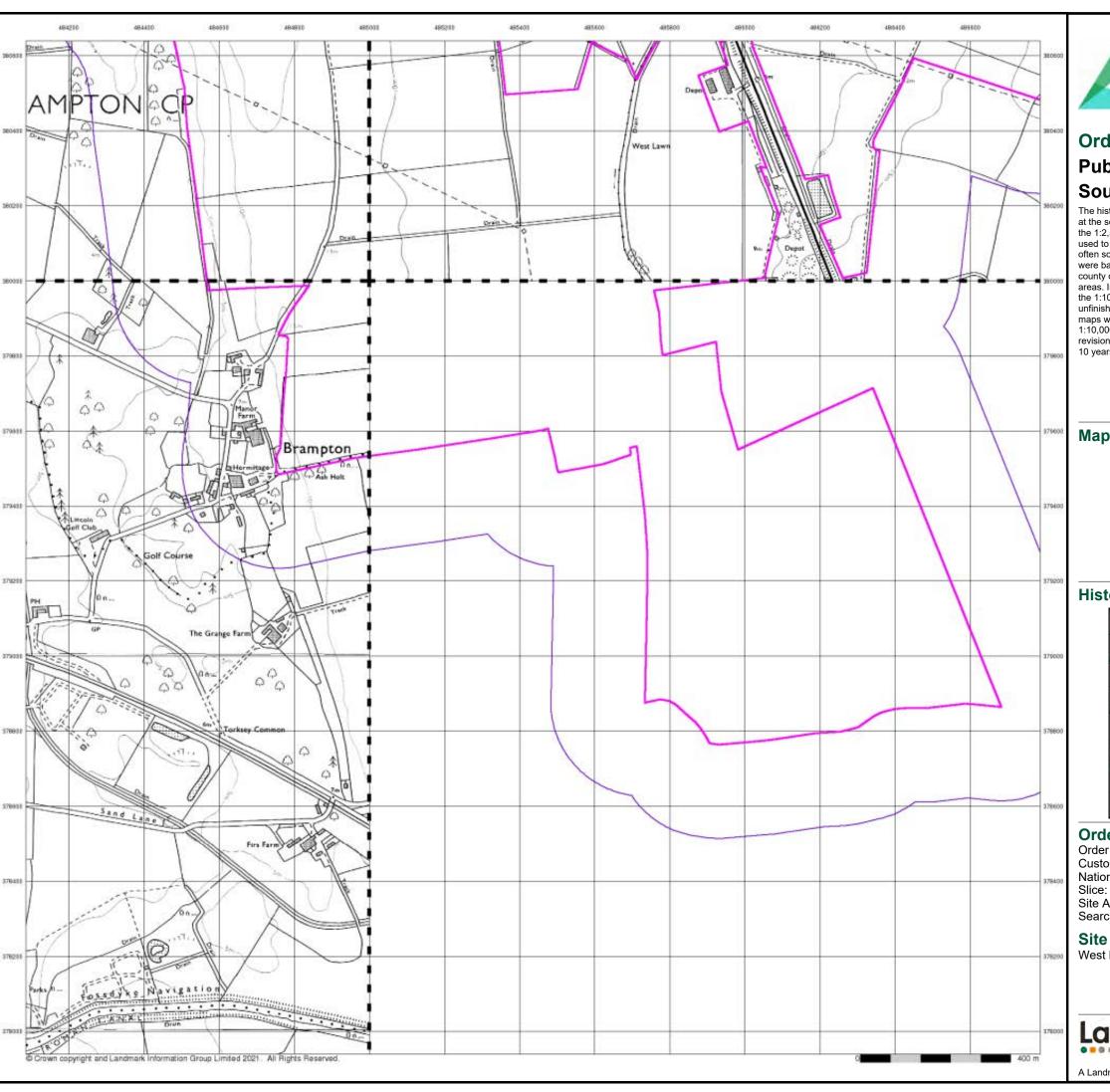


287331952_1_1 21-1098.02 National Grid Reference: 485660, 379750

369.47

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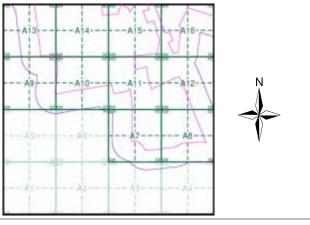
Ordnance Survey Plan Published 1980 - 1981 Source map scale - 1:10,000

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Map Name(s) and Date(s)

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	SK8	8SW	, I	SK	88SE	- 1
I	1980		1	198	31 0.000	, 1
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I	SK8	7NW	, Т			
1	1980		ı			
1	1.10	,000	- 1			

Historical Map - Slice A



Order Details

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Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

(11.)

Site Area (Ha): 369.47 Search Buffer (m): 250

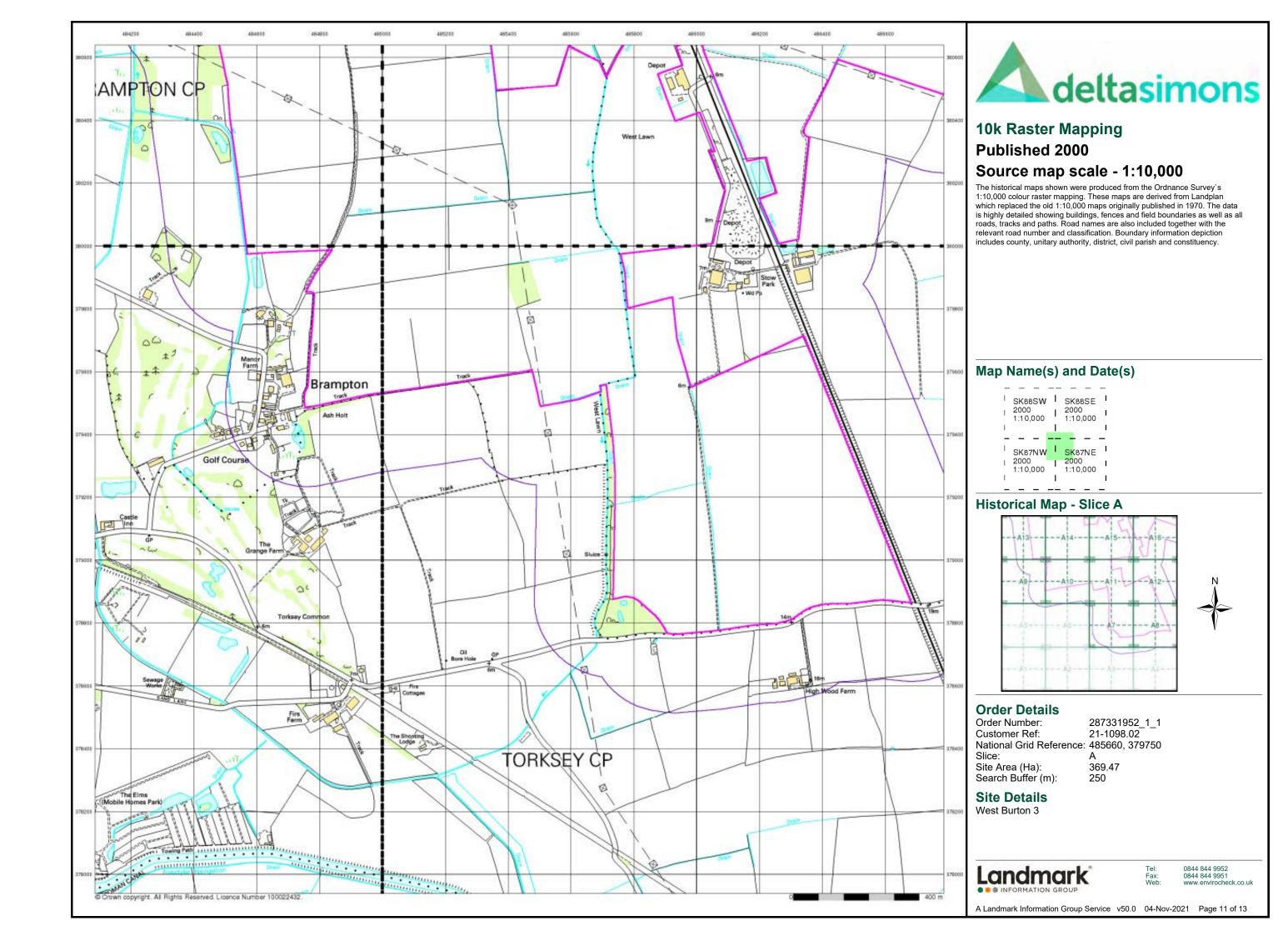
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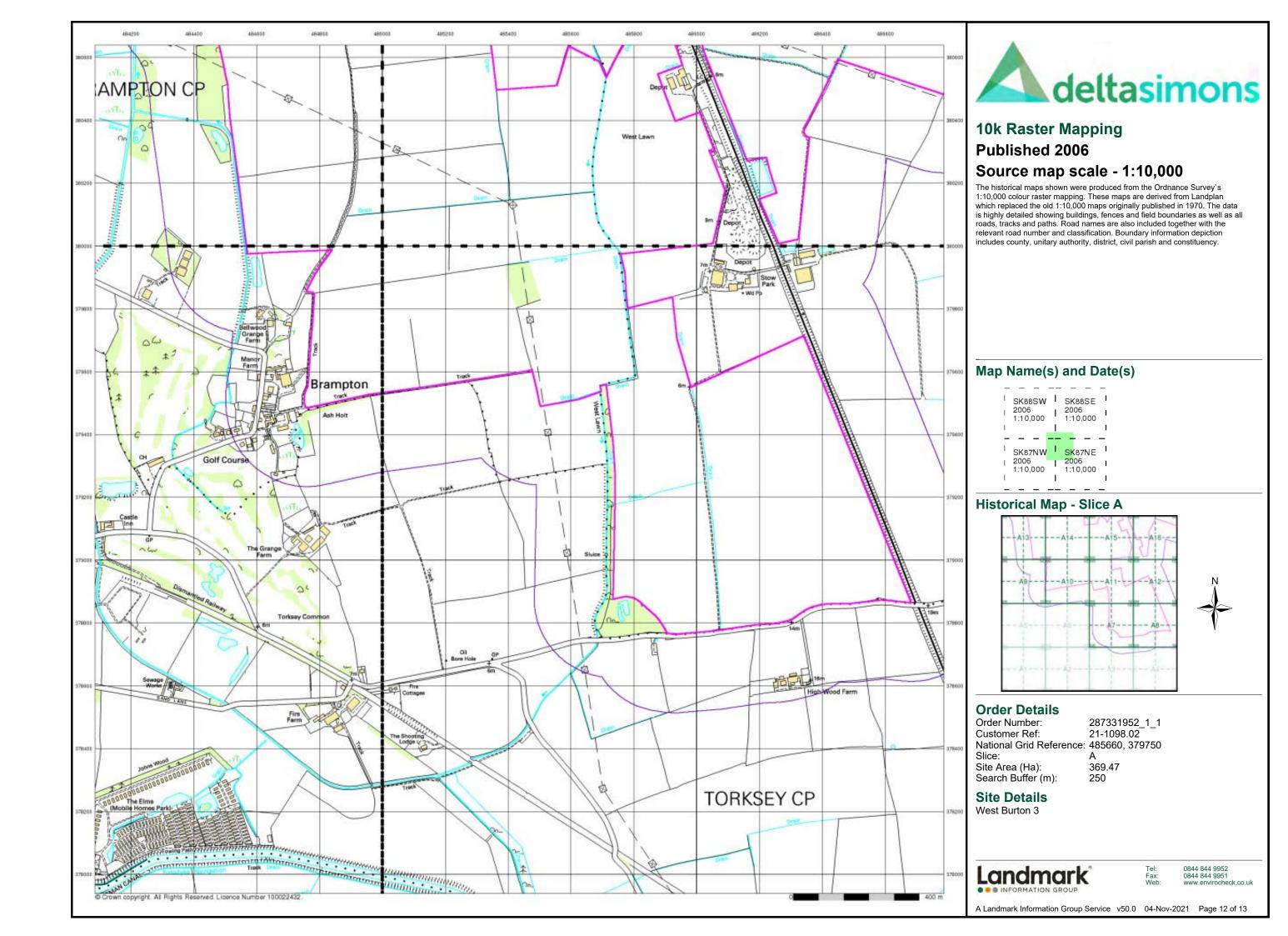
West Burton 3

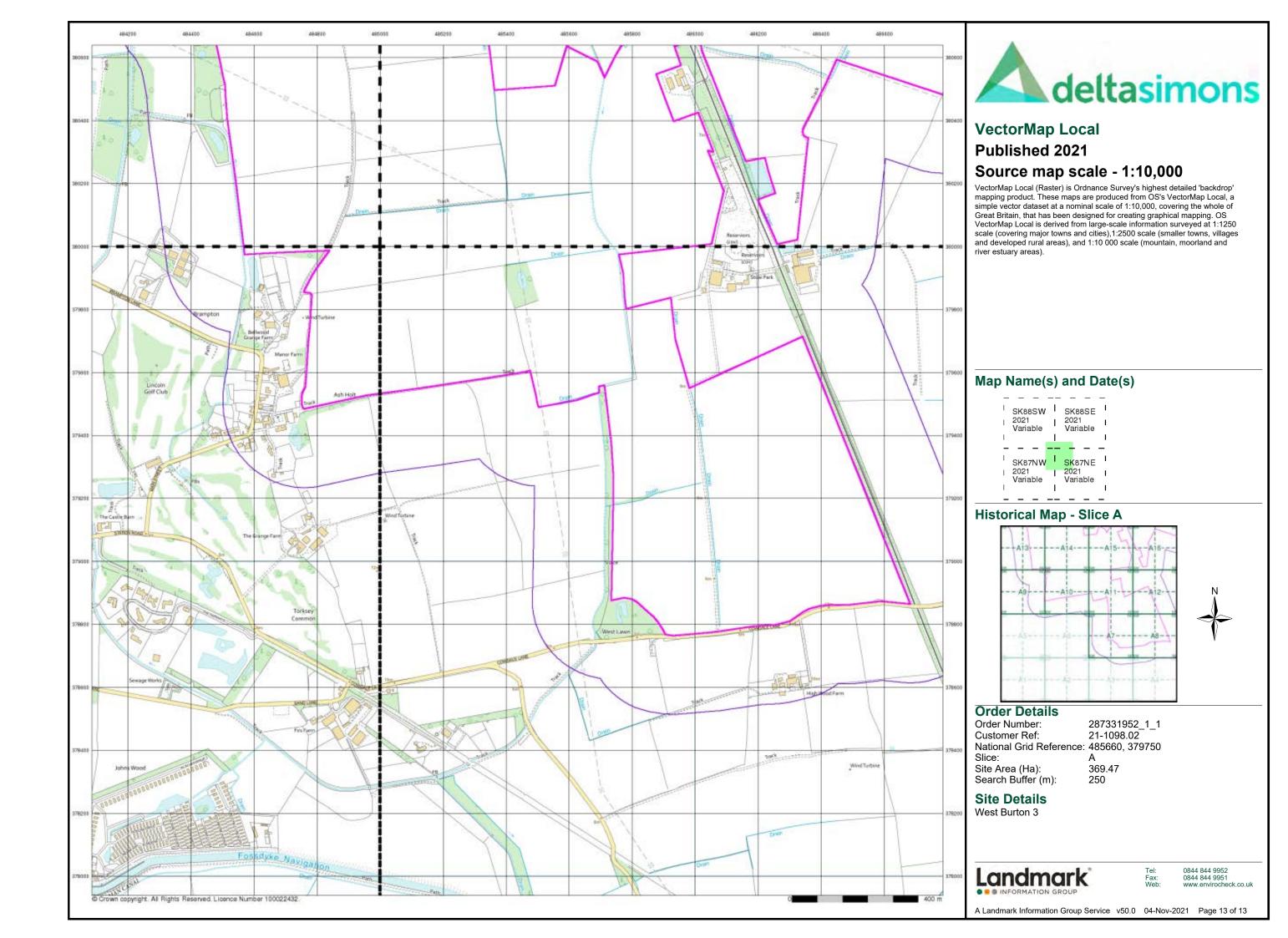


Tel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck

A Landmark Information Group Service v50.0 04-Nov-2021 Page 10 of 13

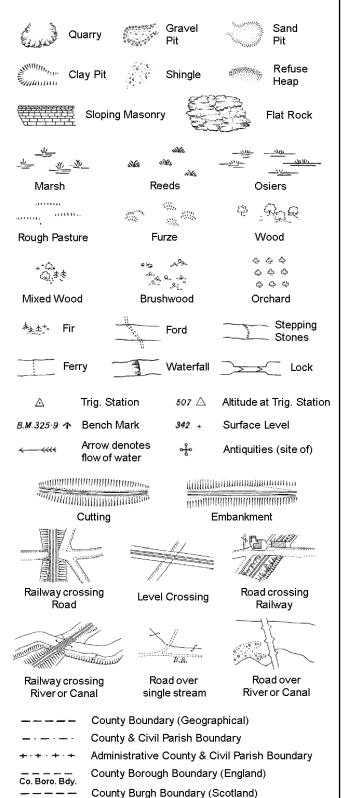






Historical Mapping Legends

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

S.P

T.C.B

Sl.

 T_T

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

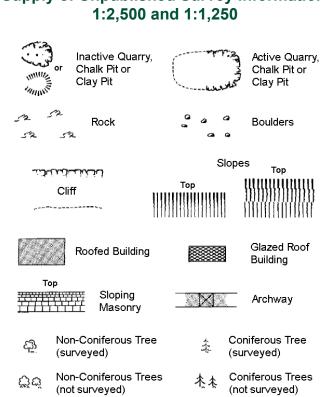
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Orchard ွင့် Scrub Bracken డ్తి Marsh, Coppice, Reeds Saltings Rough Culvert Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷ Δ Station

E_T	L Electri	icity Transmission Li	ne
		County Boundary (Geographical)
· —		County & Ci√il Pari	sh Boundary
		Civil Parish Bounda	ary
· 	· ·	Admin. County or C	ounty Bor. Boundary
- ← LBI	Bdy → -e-	London Borough Bo	oundary
	*	Symbol marking poi mereing changes	int where boundary
ᄜ	Beer House	D	Pillar Pole or Post

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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Fn/DFn

GVC

MP, MS

Fountain / Drinking Ftn.

Gas Valve Compound

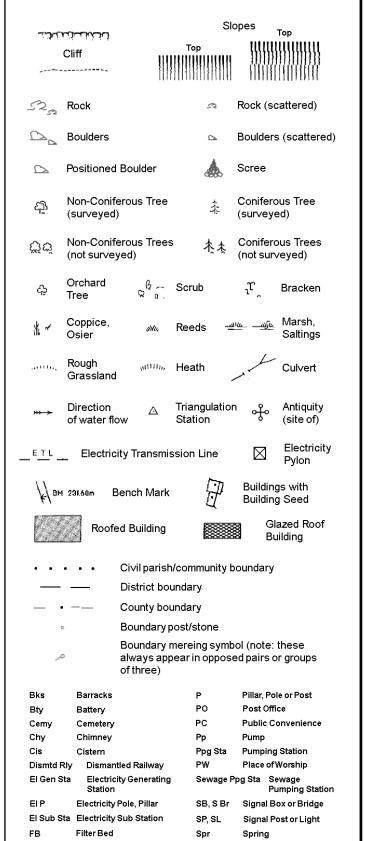
Mile Post or Mile Stone

Gas Governer

Guide Post

Manhole

1:1,250

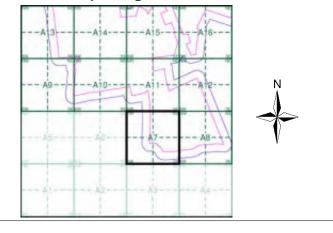




Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment A7



Order Details

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice: 369.47

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

Site Details

West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

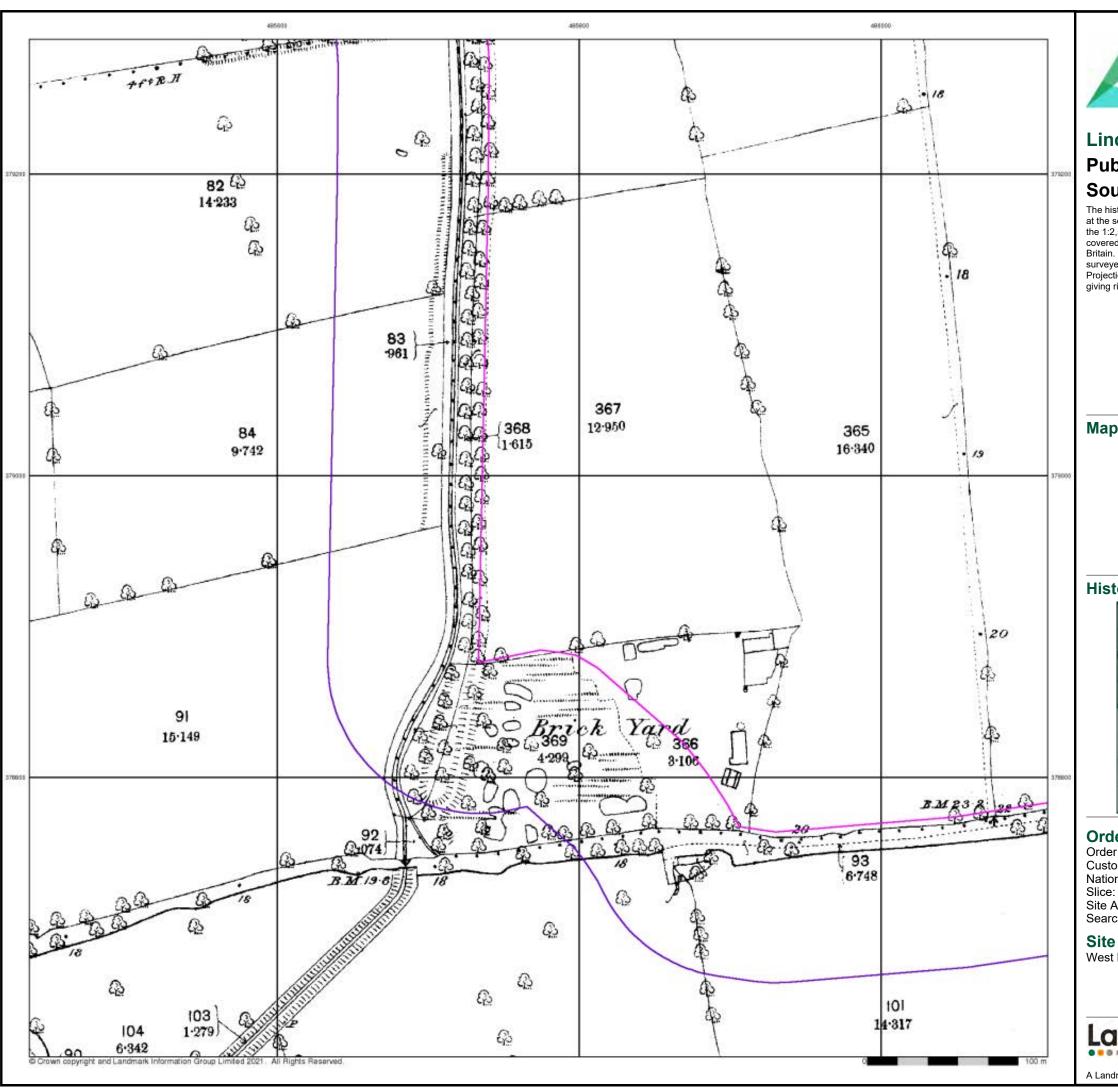
Landmark

0844 844 9952 0844 844 9951

Page 1 of 7

A Landmark Information Group Service v50.0 04-Nov-2021

100

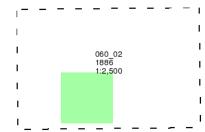




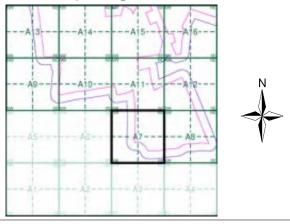
Published 1886 Source map scale - 1:2,500

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 A7



Order Details

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

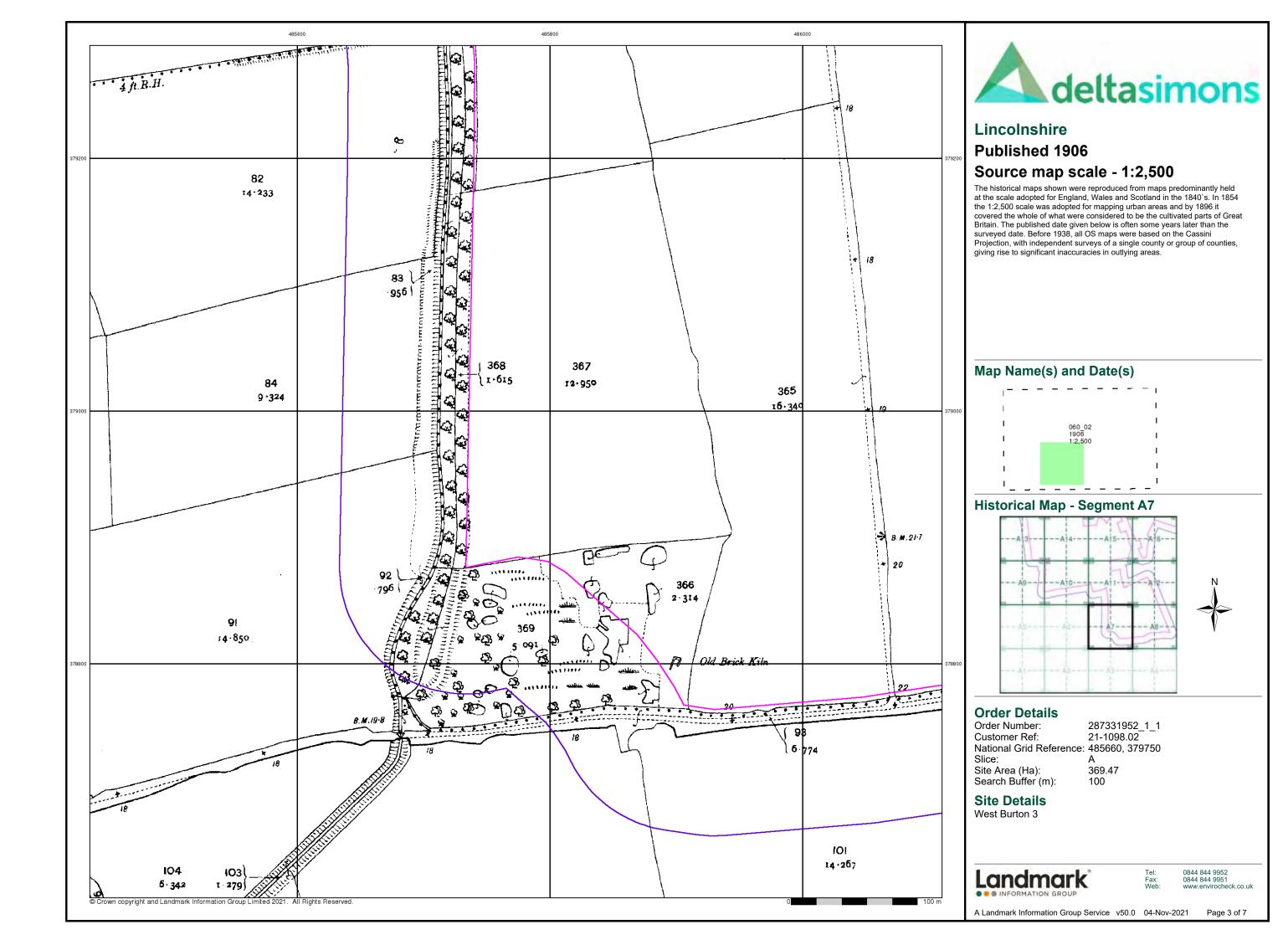
Site Area (Ha): Search Buffer (m): 369.47

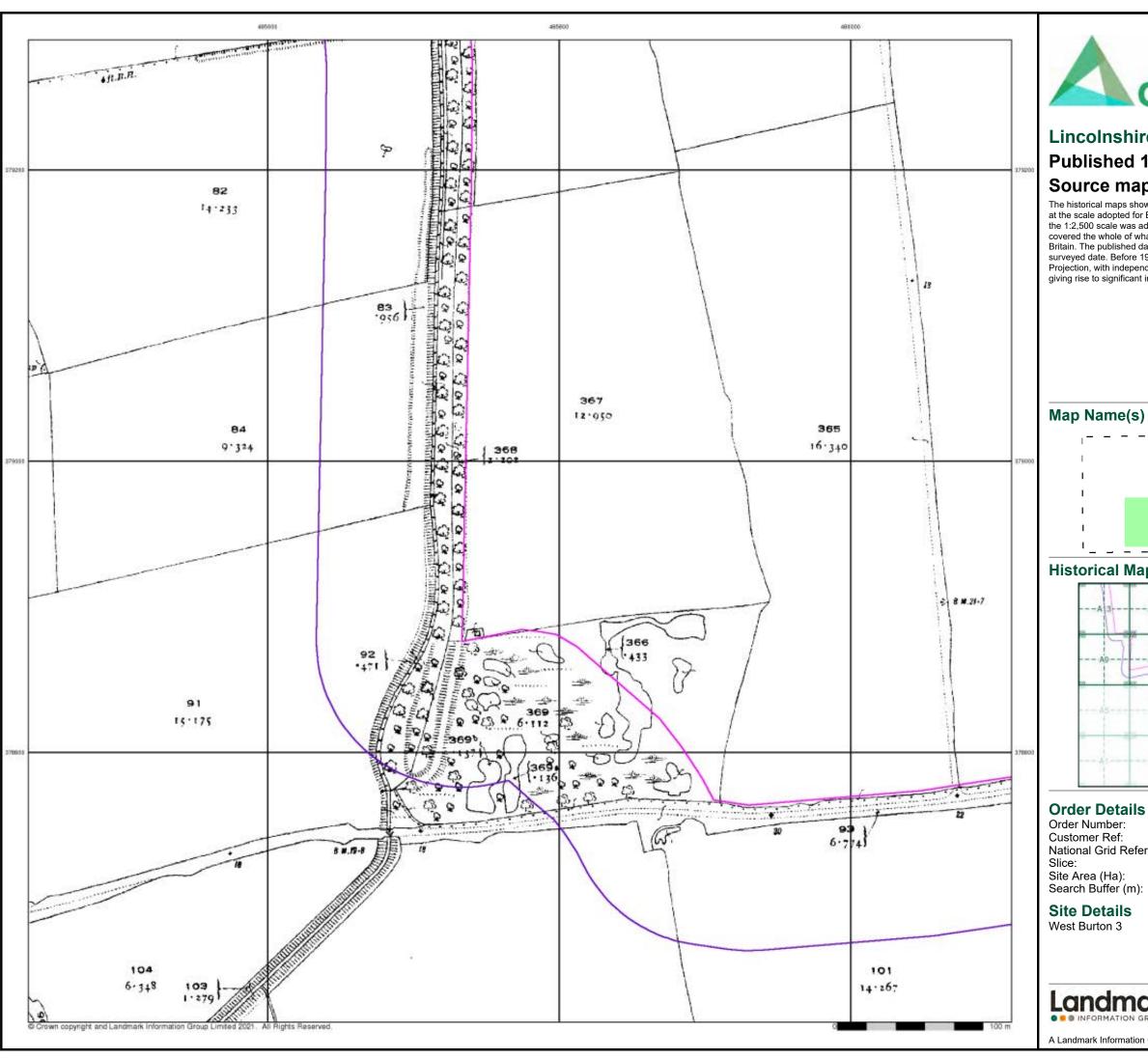
Site Details

West Burton 3

Landmark

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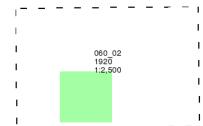




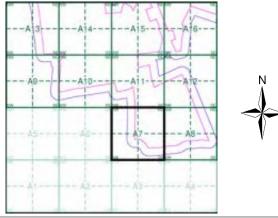
Published 1920 Source map scale - 1:2,500

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 A7

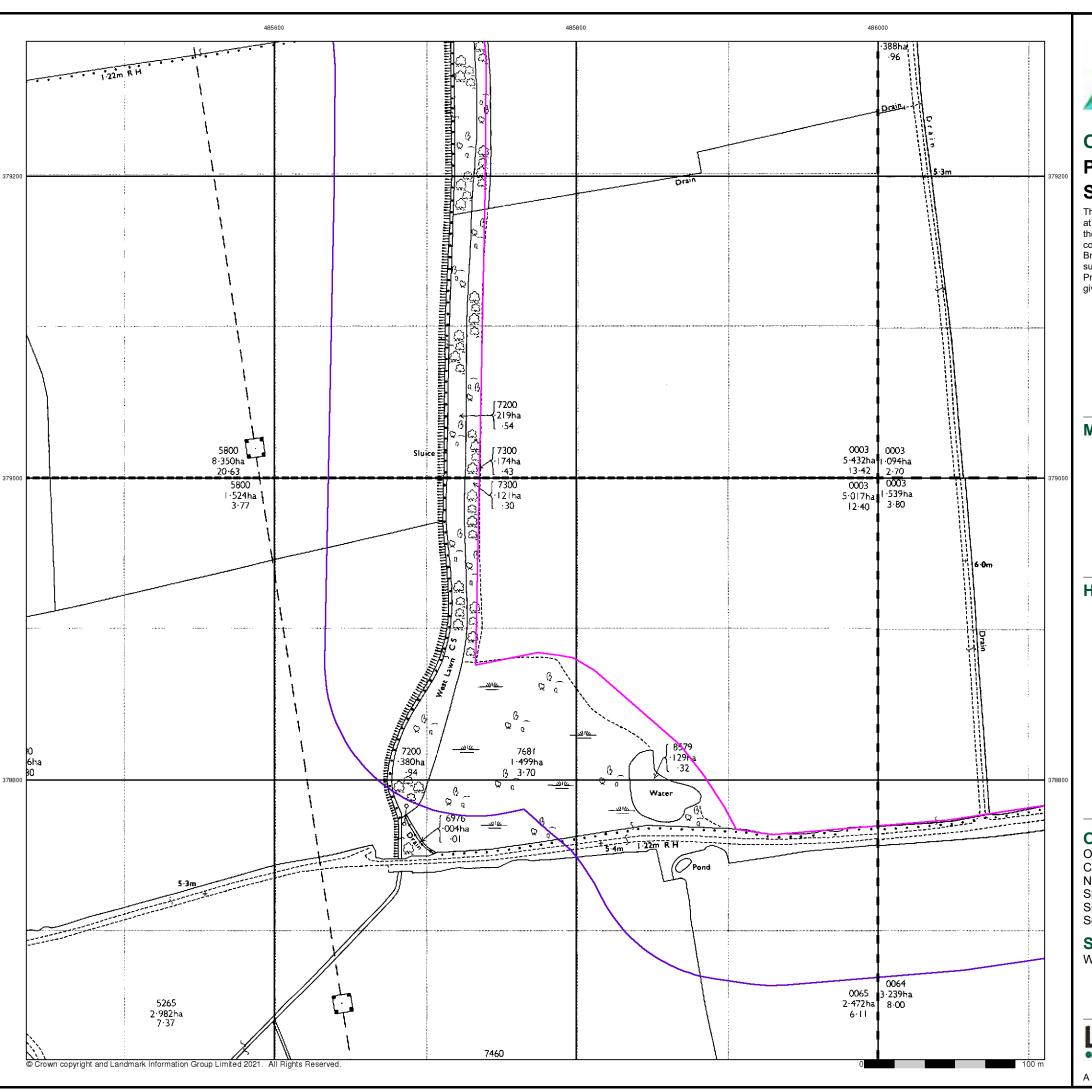


Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

369.47



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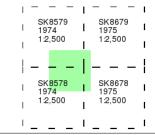




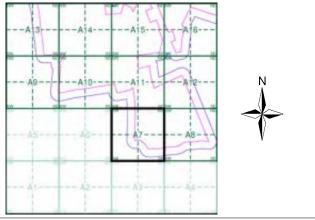
Ordnance Survey Plan Published 1974 - 1975 Source map scale - 1:2,500

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 A7



Order Details

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

Site Details

West Burton 3

Landmark

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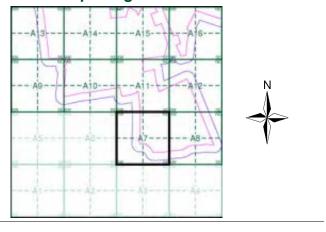
Large-Scale National Grid Data Published 1994 Source map scale - 1:2,500

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

Map Name(s) and Date(s)

	_	_			_
1		8579	- 1	SK8679	-
1	199 1:2,	500	- 1	1994 1:2,500	ı
1			- 1		-
_	_	_			_
I		8578	-1	SK8678	ı
 	199		 	SK8678 1994 1:2,500	
I I I	199	94	 	1994	1

Historical Map - Segment A7



Order Details

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750 Slice:

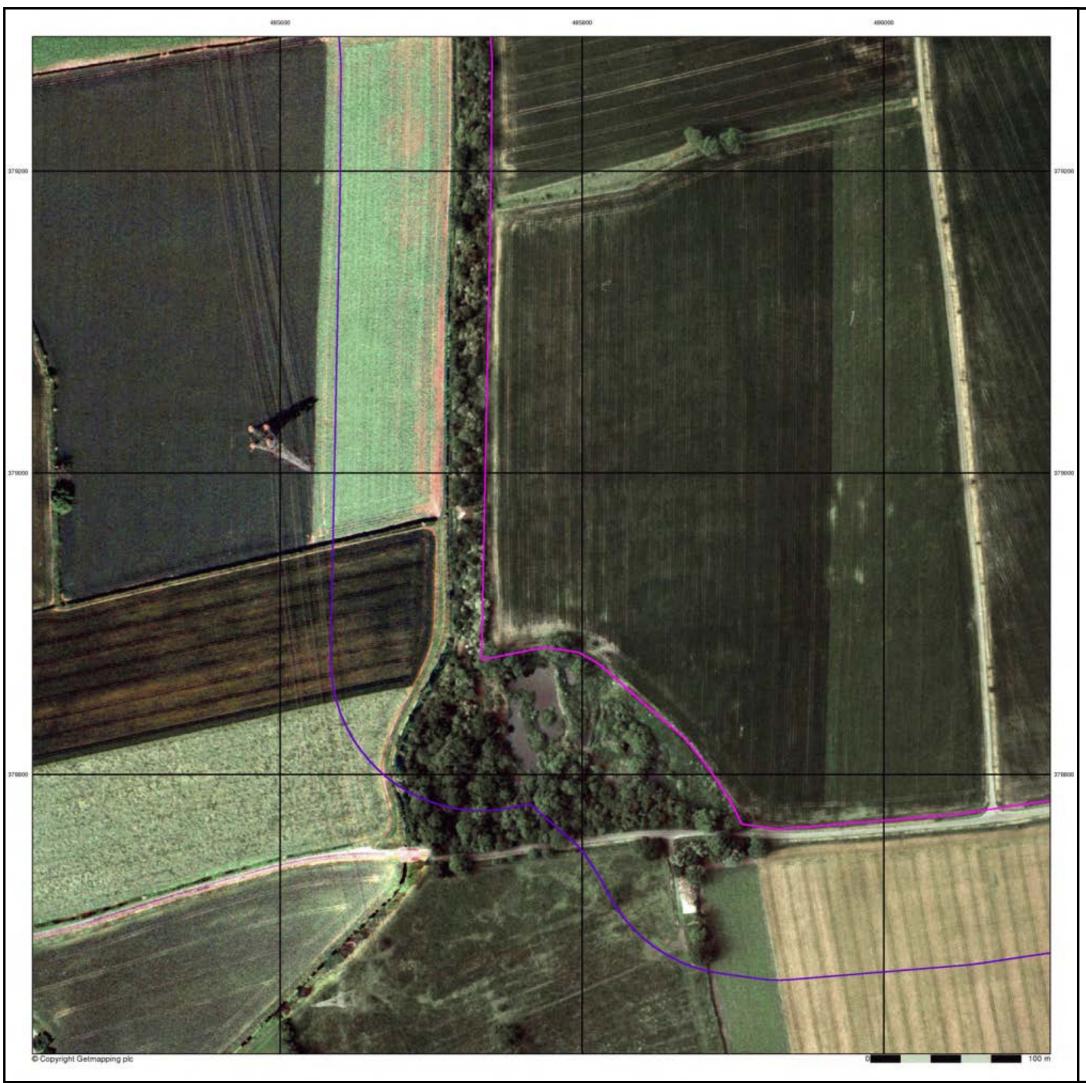
Site Area (Ha): Search Buffer (m): 369.47

Site Details

West Burton 3



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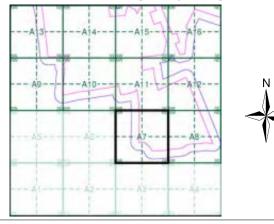




Historical Aerial Photography Published 1999

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 A7



Order Details

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

A 369.47 100 Site Area (Ha): Search Buffer (m):

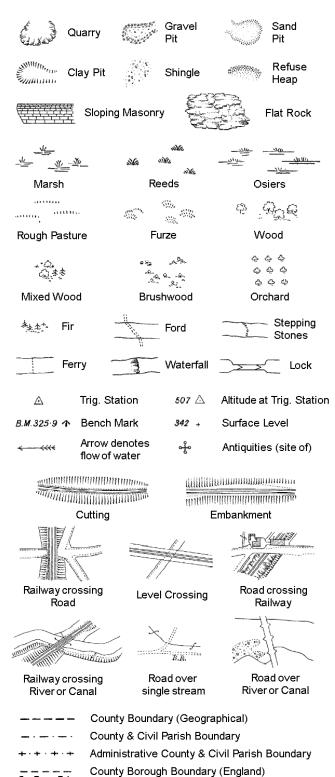
Site Details West Burton 3

Landmark INFORMATION GROUP

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Historical Mapping Legends

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



County Burgh Boundary (Scotland)

S.P

Sl.

Tr:

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

Co. Boro, Bdv

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

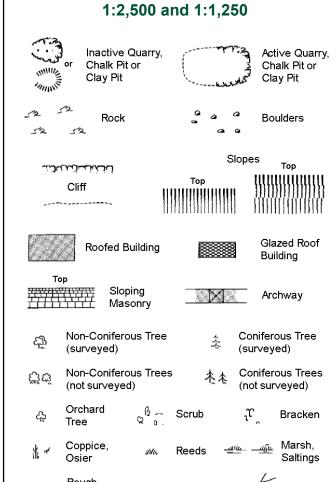
Electricity Pylor

B.R.

E.P

F.B.

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information**



Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation Ŧ.

ETL Elect	ricity Transmission Line
	County Boundary (Geographical)
. — . — .	County & Ci∨il Parish Boundary
	Civil Parish Boundary
· · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
	Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

1:1,250

_			SI	opes	Тор
بنبائديا	لكنائب		Тор	1111111	11111111111
	Cliff	111			
,				1111111	
525	Rock		23	Rock (so	cattered)
\triangle_{a}	Boulders		<i>△</i>	Boulders	s (scattered)
	Positioned	Boulder		Scree	
ফ্র	Non-Conif (surveyed	erous Tree)	*	Conifero	
ర్గొల్	Non-Conif (not surve	erous Trees yed)	* **	Coniferd (not sur	ous Trees /eyed)
Ą.	Orchard Tree	Q a.	Scrub	¹ t.	Bracken
* ~	Coppice, Osier	šNu,	Reeds 🛥	<u>. — ചിര</u> ്	Marsh, Saltings
artte.	Rough Grassland	unn	Heath	1	Culvert
*** >	Direction of water flo	Δ ow	Triangulation Station	ુ નું	Antiquity (site of)
E_TL	_ Electric	ity Transmi	ssion Line	\boxtimes	Electricity Pylon
K BM	1 231.60m E	Bench Mark		Building Building	
	Roofe	ed Building		29	azed Roof iilding
		Civil parish	/community b	oundary	
		District bo	-		
			•		
		County bo			
9		Boundary			
×		-	mereing symb pear in oppos	,	
Bks	Barracks		Р	Pillar, Po	le or Post
Bty	Battery		PO	Post Offi	
Cemy	Cemetery		PC	Public C	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	
Dismtd F	•	tled Railway	PW -	Place of	
El Gen S	ta Electric Station	ity Generating	Sewage F		ewage umping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub S	ta Electricity	Sub Station	SP, SL	Signal P	ost or Light
FB	Filter Bed		Spr	Spring	
En (D Er	. Fountain (Drinking Etc	TL	Took or T	

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

Guide Post

Manhole

Gas Valve Compound

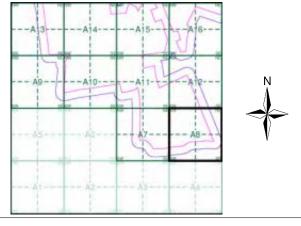
Mile Post or Mile Stone



Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

Historical Map - Segment A8



Order Details

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750 Slice:

Site Area (Ha):

Search Buffer (m):

Site Details

West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

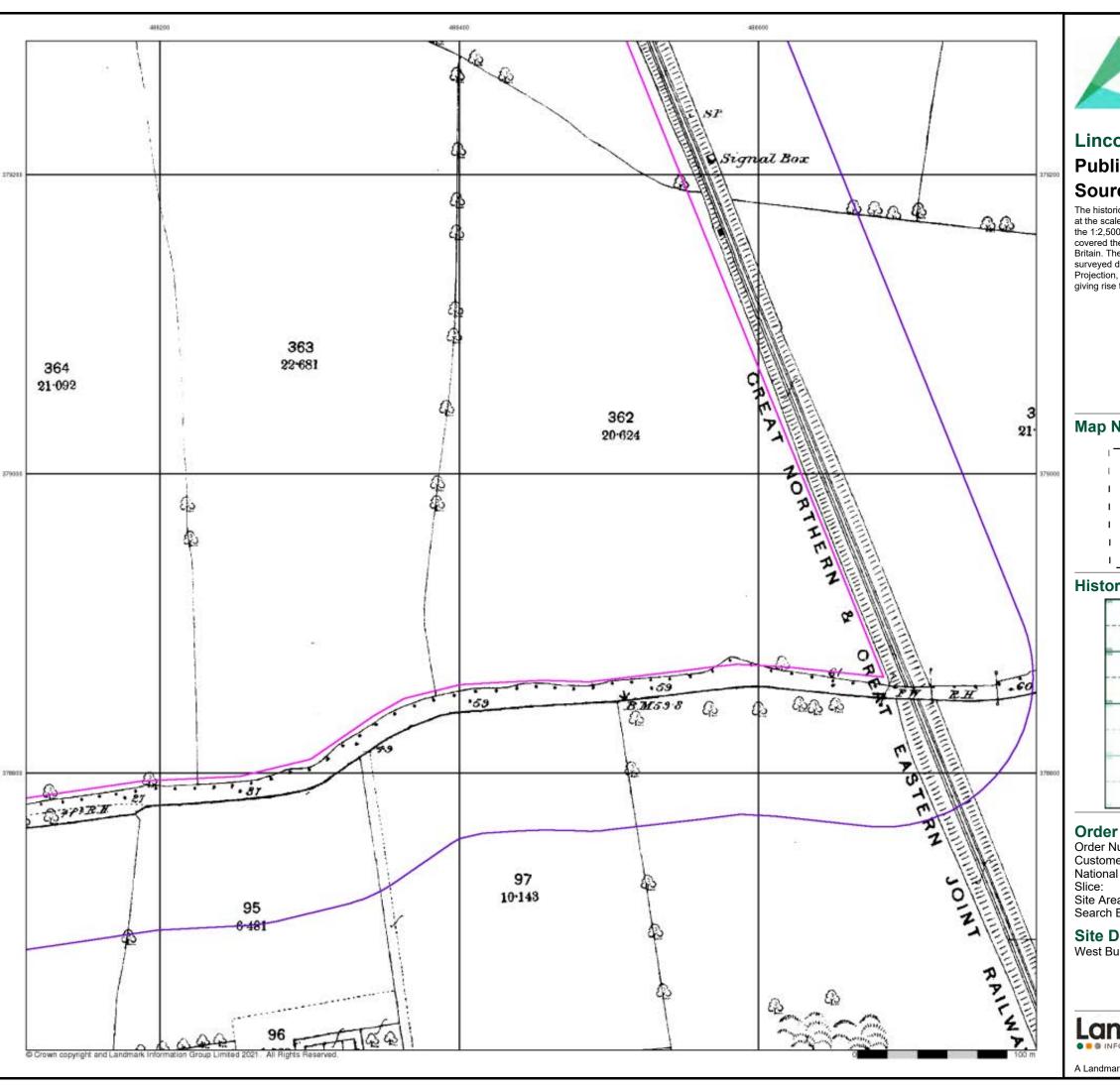


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Page 1 of 7

A Landmark Information Group Service v50.0 04-Nov-2021

369.47

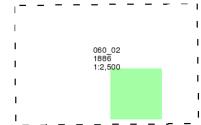




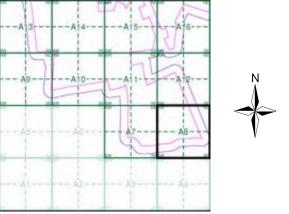
Published 1886 Source map scale - 1:2,500

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 A8



Order Details

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

Site Details

West Burton 3



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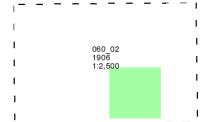




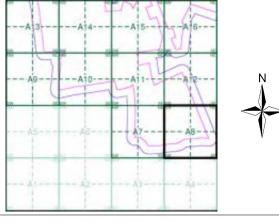
Published 1906 Source map scale - 1:2,500

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 A8



Order Details

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 485660, 379750

Α

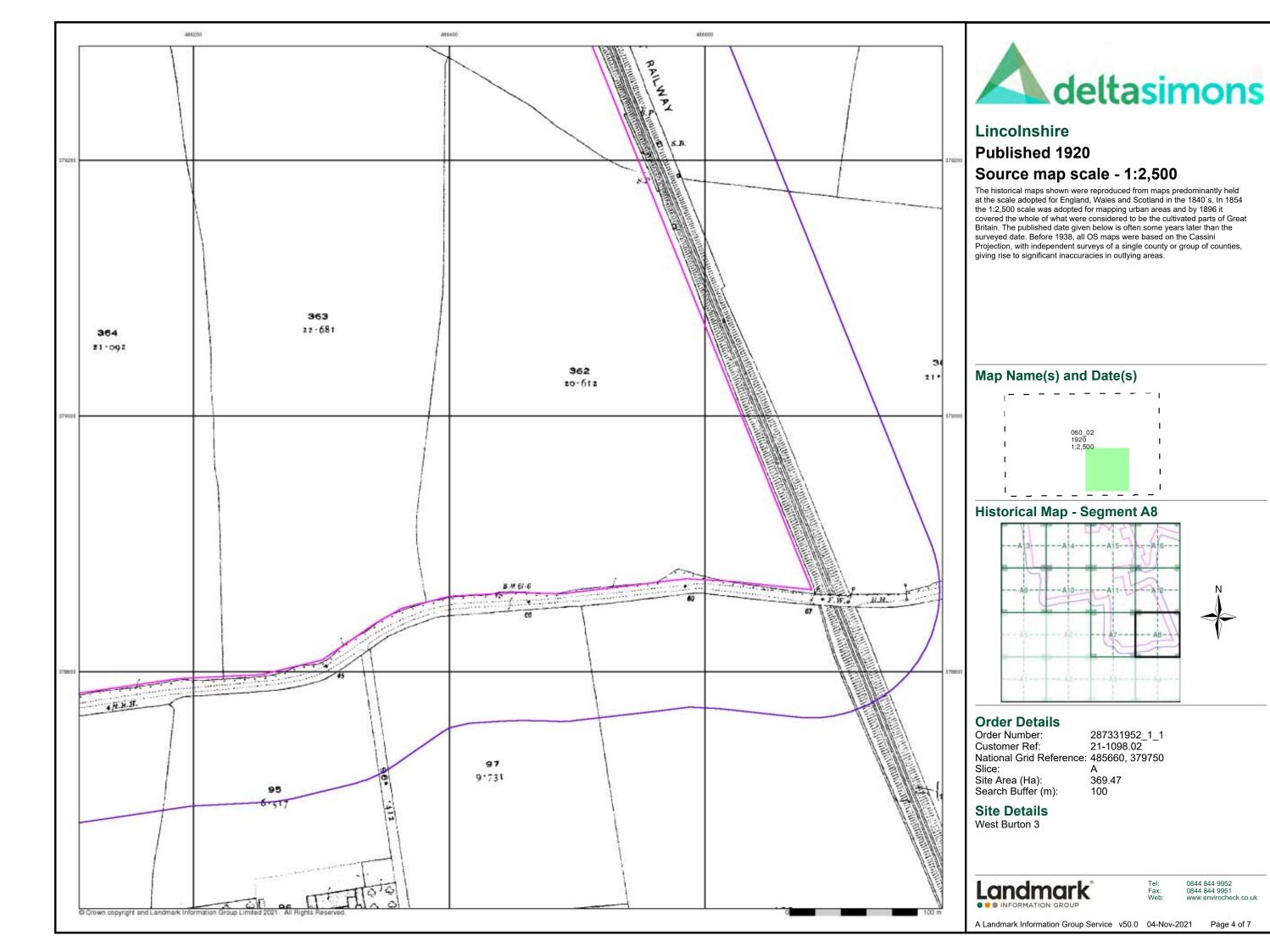
Site Area (Ha): 369.47 Search Buffer (m): 100

Site Details

West Burton 3



el: 0844 844 9952 ax: 0844 844 9951 Veb: www.envirocheck.co.uk



Page 4 of 7

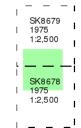




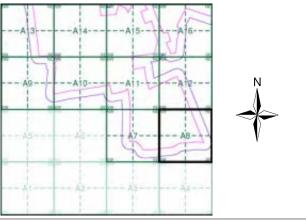
Ordnance Survey Plan Published 1975 Source map scale - 1:2,500

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 surveyes 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 A8



Order Details

287331952_1_1 21-1098.02 Order Number: Customer Ref: National Grid Reference: 485660, 379750

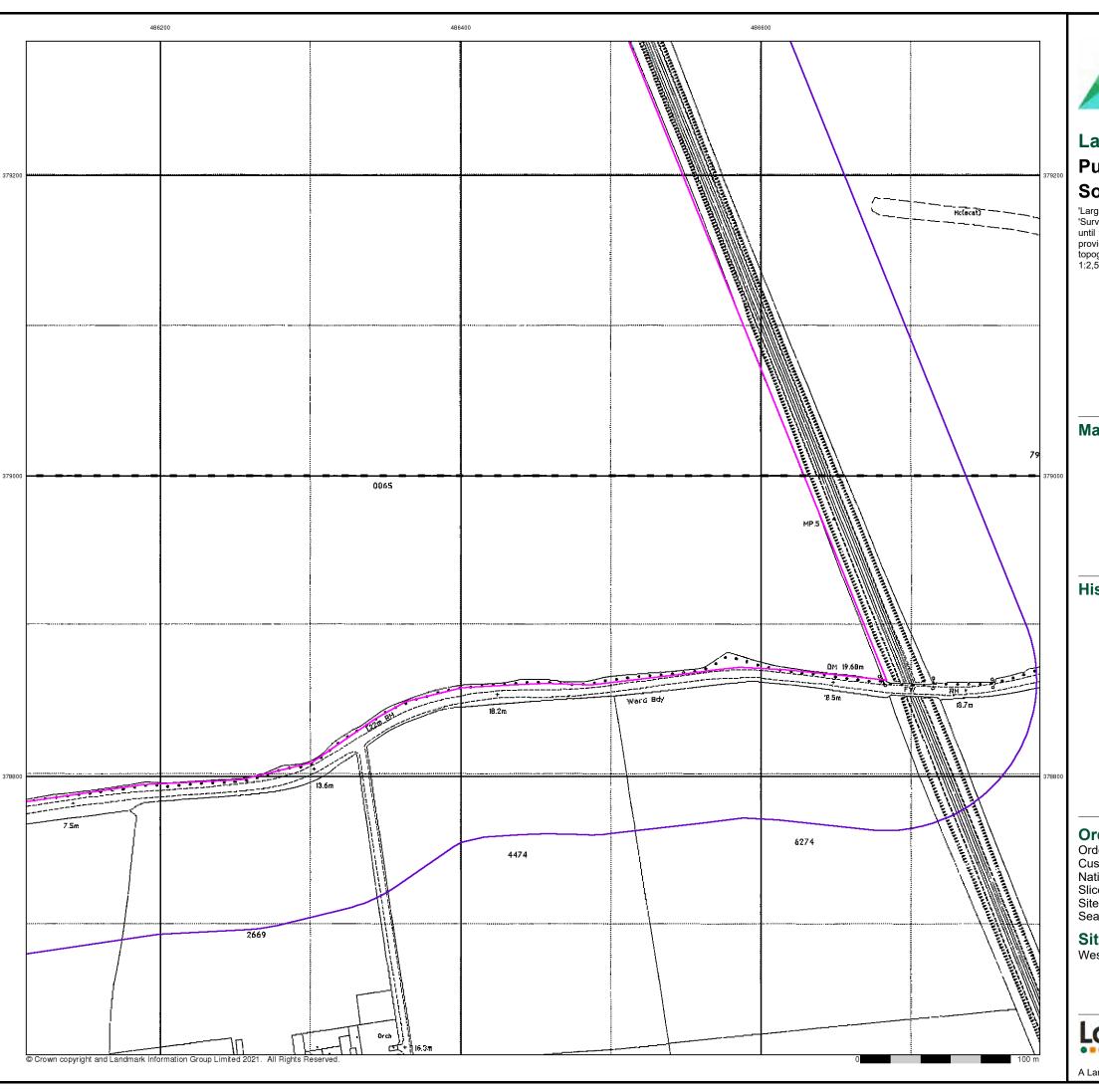
Site Area (Ha): Search Buffer (m): 369.47

Site Details

West Burton 3



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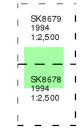




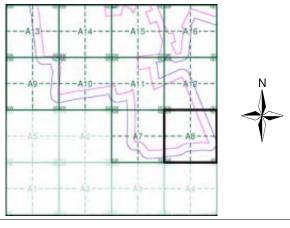
Large-Scale National Grid Data Published 1994 Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A8



Order Details

287331952_1_1 21-1098.02 Order Number: Customer Ref: National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

Site Details

West Burton 3



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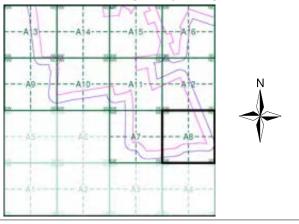




Historical Aerial Photography Published 1999

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 A8



Order Details

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

Site Details

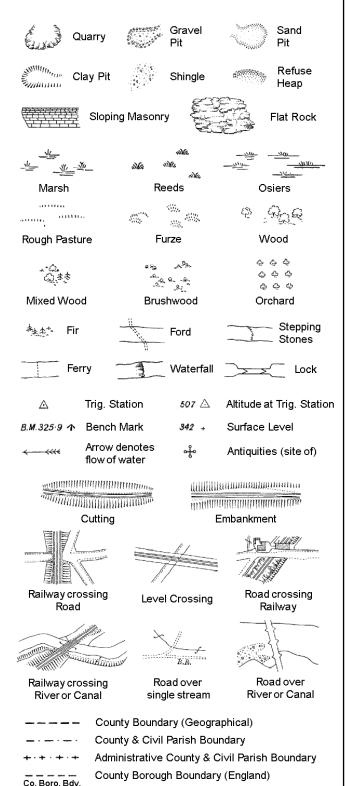
West Burton 3

Landmark*

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Historical Mapping Legends

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



County Burgh Boundary (Scotland)

S.P

Sl.

Tr:

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

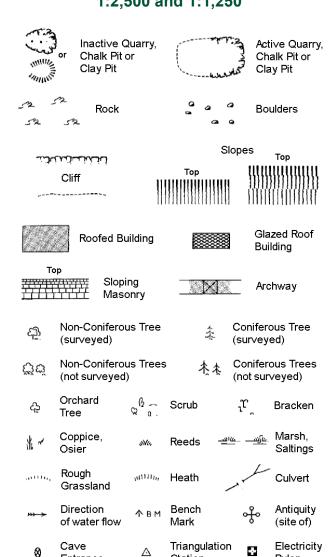
Electricity Pylor

B.R.

E.P

F.B.

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



E_TLE	lectricity Transmission Line
-------	------------------------------

	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
44	Symbol marking point where houndary

mereing changes

,			
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

1:1,250

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Slopes _{Top}			
Clitt ئىنىنىدىنىدىن			Тор		IIIIII	uuuuu
	CIIT	111		11111		911111111133
,				11111		11111111111
52 s	Rock		న	2	Rock (s	cattered)
$\Box$	Boulders		2	> E	3oulder	rs (scattered)
$\triangle$	Positioned	Boulder	de		Scree	
<u>දුව</u>	Non-Conif (surveyed	erous Tree )	:	4-	Conifer survey	rous Tree red)
Öΰ	Non-Conife (not surve	erous Trees yed)	木	·		rous Trees ∵eyed)
<del>ڳ</del>	Orchard Tree	φ. a.	Scrub		'n,	Bracken
* ~	Coppice, Osier	siHts,	Reeds	<u>۱۳۳۰</u>	<u> — – – – – – – – – – – – – – – – – – – </u>	Marsh, Saltings
acette,	Rough Grassland	$uuu_{h}$	Heath		1	Culvert
<del>»&gt; &gt;</del>	Direction of water flo	Δ ow	Triangul Station	ation	ઌ૾ૺ	Antiquity (site of)
_ E T L _	_ Electric	ity Transmis	ssion Lin	е	$\boxtimes$	Electricity Pylon
\ <del> </del>	231.60m E	Bench Mark	Į.	7	Buildir Buildir	ngs with ng Seed
	Roofe	ed Building			l	ilazed Roof uilding
		Civil parish	loommu	aity ba	undan	,
· <u>·</u>		District bo		iity DO	runuan y	•
			•			
_ •		County box	-			
¢	,	Boundary p	ost/ston	е		
٨		Boundary i always app of three)		-		
Bks	Barracks		Р		Pillar, P	ole or Post
Bty	Battery		PO		Post Of	fice
Cemy	Cemetery		PC		Public (	Convenience
Chy	Chimney		Pp		Pump	
Cis	Cistern		Ppg	Sta	Pumpin	g Station
Dismtd F	Rly Disman	tled Railway	PW			fWorship
El Gen S	ta Electric Station	ity Generating	Sew	rage Pp		Sewage Pumping Station
EIP		Pole, Pillar	SB,	S Br		Box or Bridge
	ta Electricity		SP,		_	Post or Light
FB	Filter Bed		Spr		Spring	<b>3</b>
Fn/DFr		Drinking Ftn.	Tk		Tank or	Track
	Gae Value	_	Tr		Trough	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

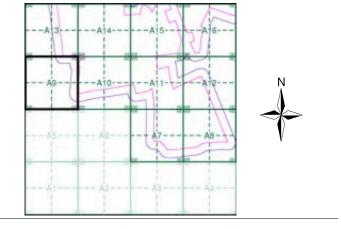
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1885	2
Lincolnshire	1:2,500	1886	3
Nottinghamshire	1:2,500	1899	4
Lincolnshire	1:2,500	1920	5
Ordnance Survey Plan	1:2,500	1974	6
Additional SIMs	1:2,500	1992	7
Large-Scale National Grid Data	1:2,500	1994	8
Historical Aerial Photography	1:2,500	1999	9

#### **Historical Map - Segment A9**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750 Slice:

Site Area (Ha):

369.47 Search Buffer (m):

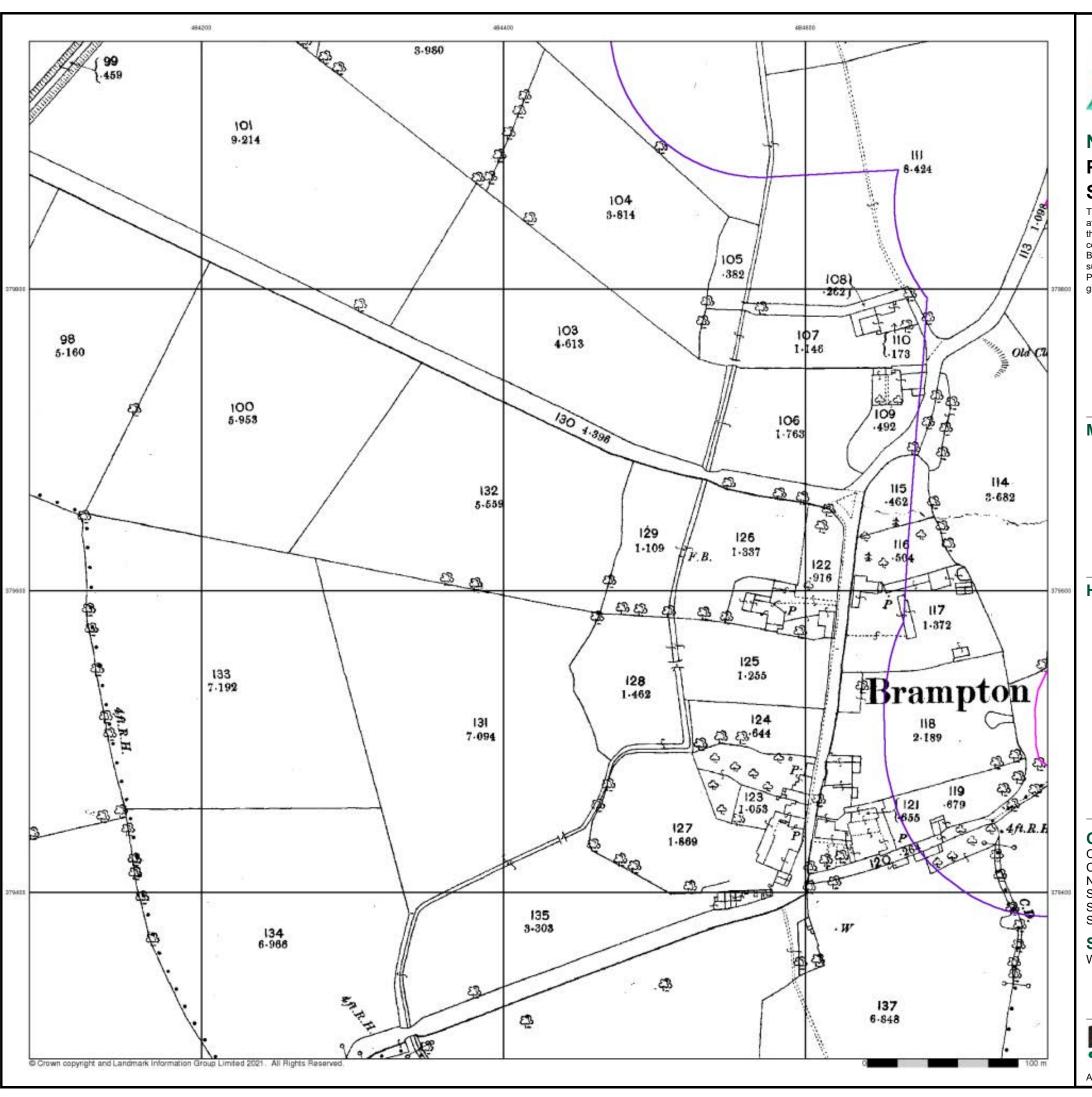
#### **Site Details**

West Burton 3



0844 844 9952 0844 844 9951

Page 1 of 9



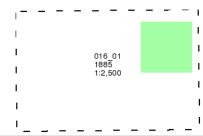


### **Nottinghamshire** Published 1885

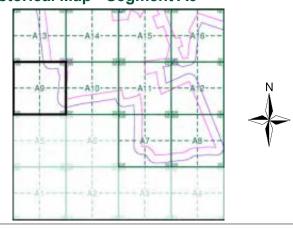
### Source map scale - 1:2,500

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 A9**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750 Slice:

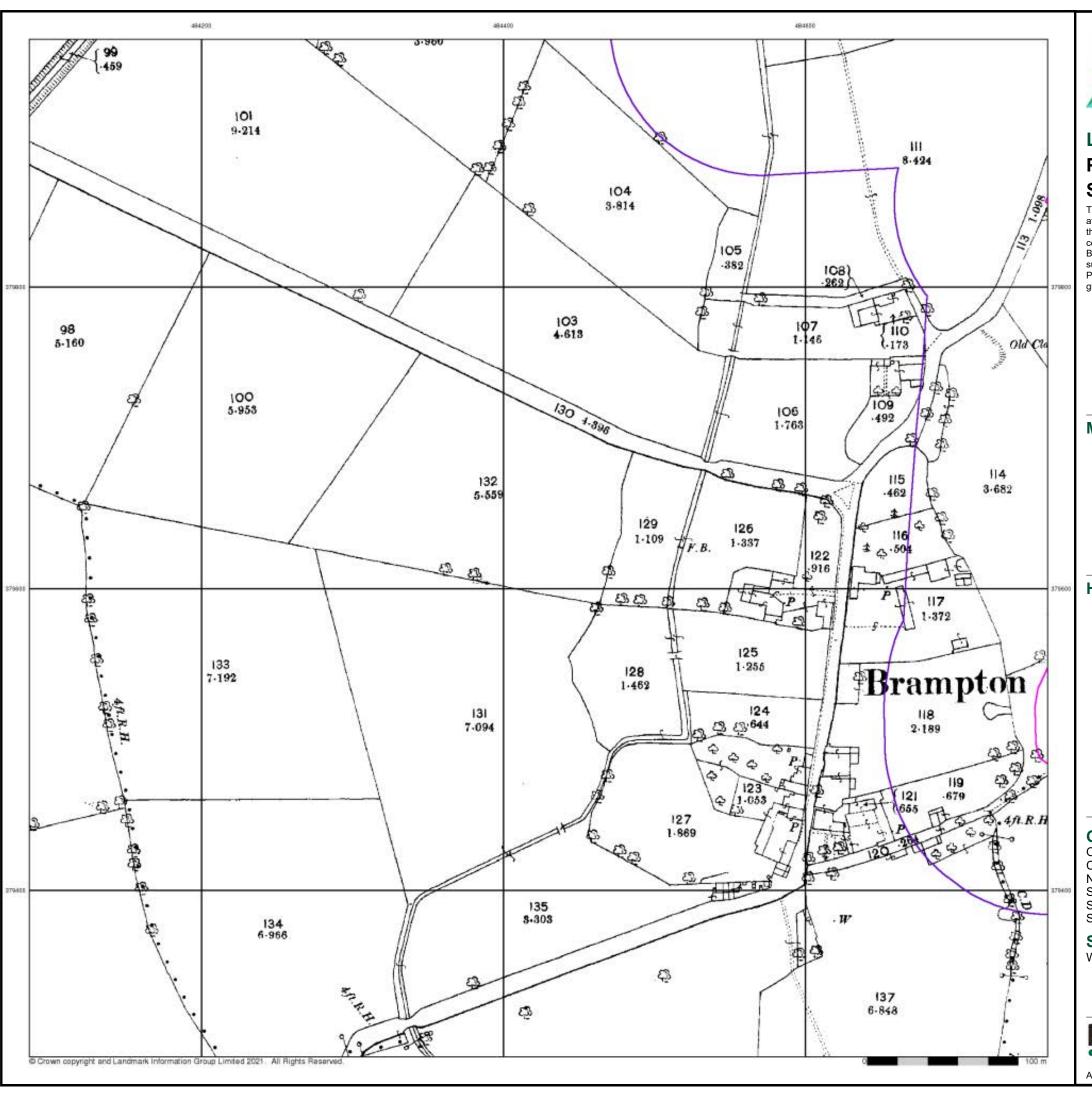
Site Area (Ha): Search Buffer (m): 369.47

### **Site Details**

West Burton 3



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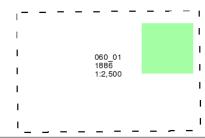




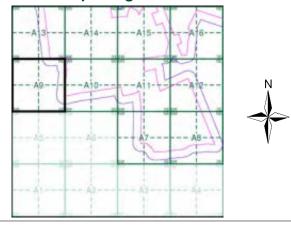
### **Published 1886** Source map scale - 1:2,500

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 A9**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

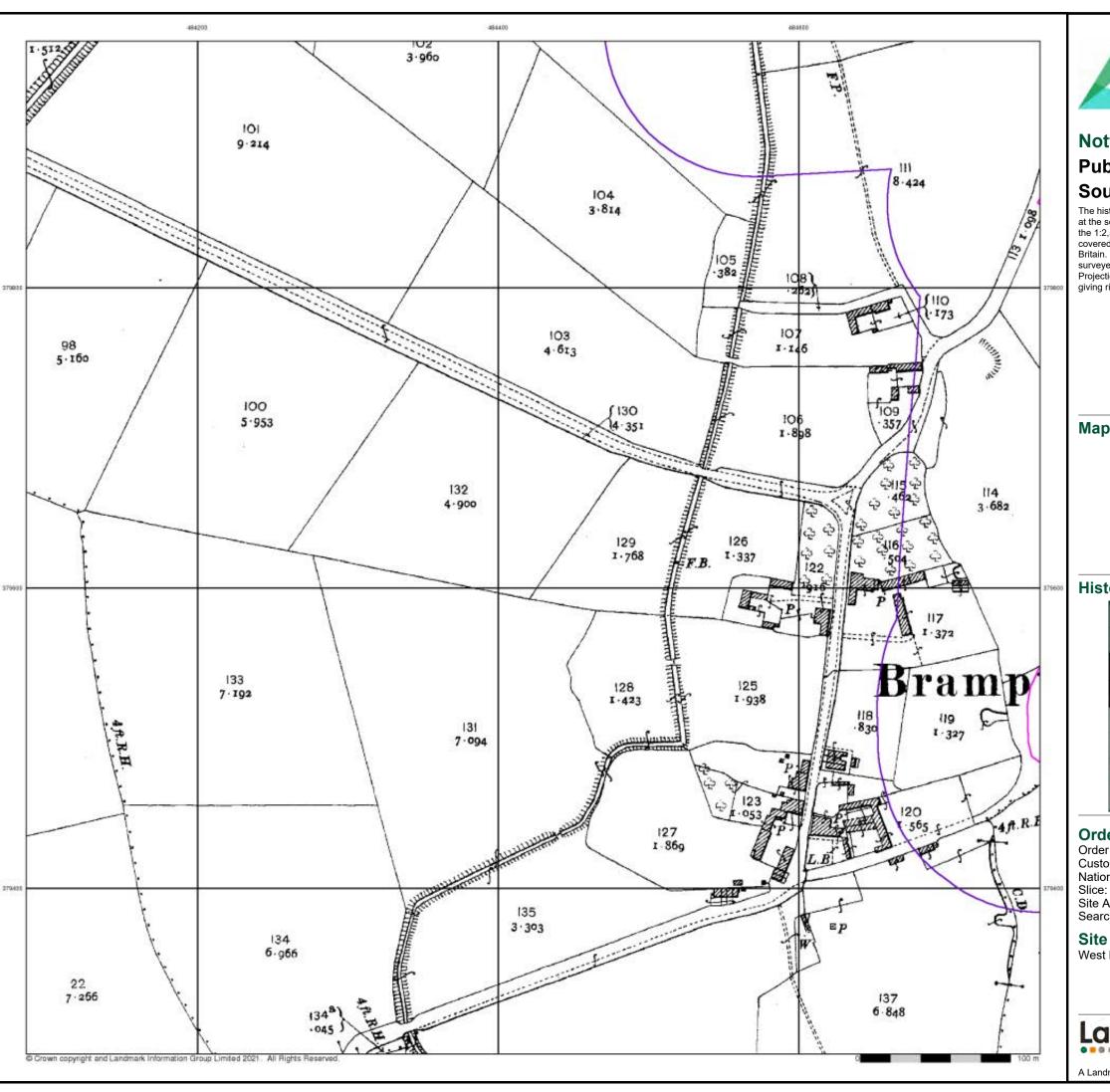
#### **Site Details**

West Burton 3



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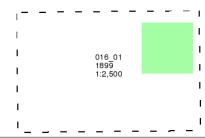


### **Nottinghamshire** Published 1899

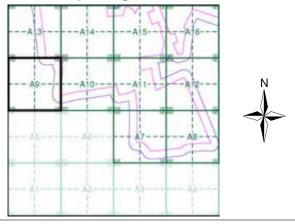
#### Source map scale - 1:2,500

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 A9**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750

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

369.47

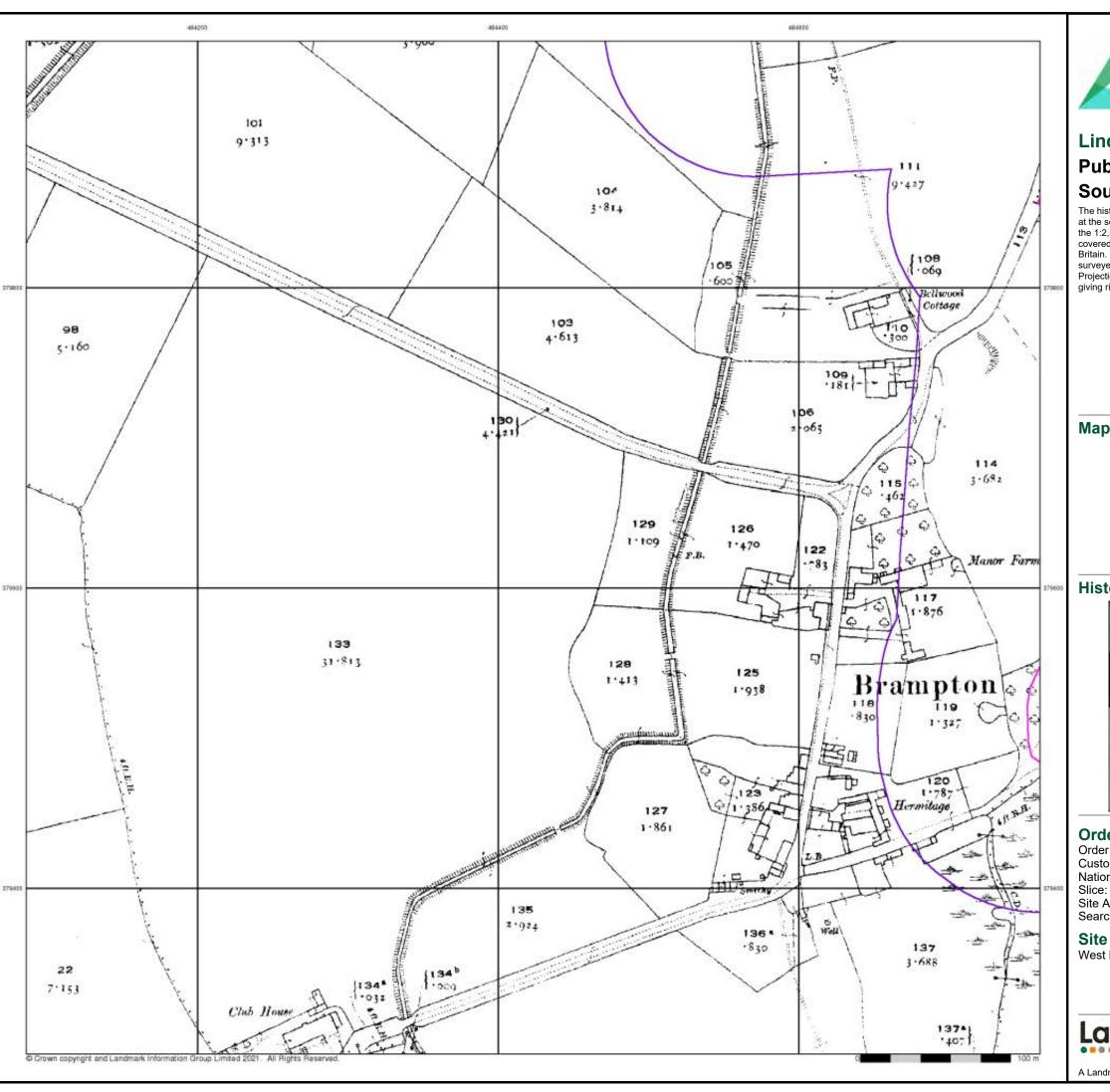
#### **Site Details**

West Burton 3



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 4 of 9

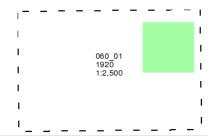




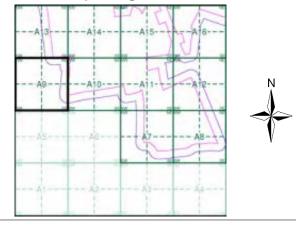
### Published 1920 Source map scale - 1:2,500

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 A9**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

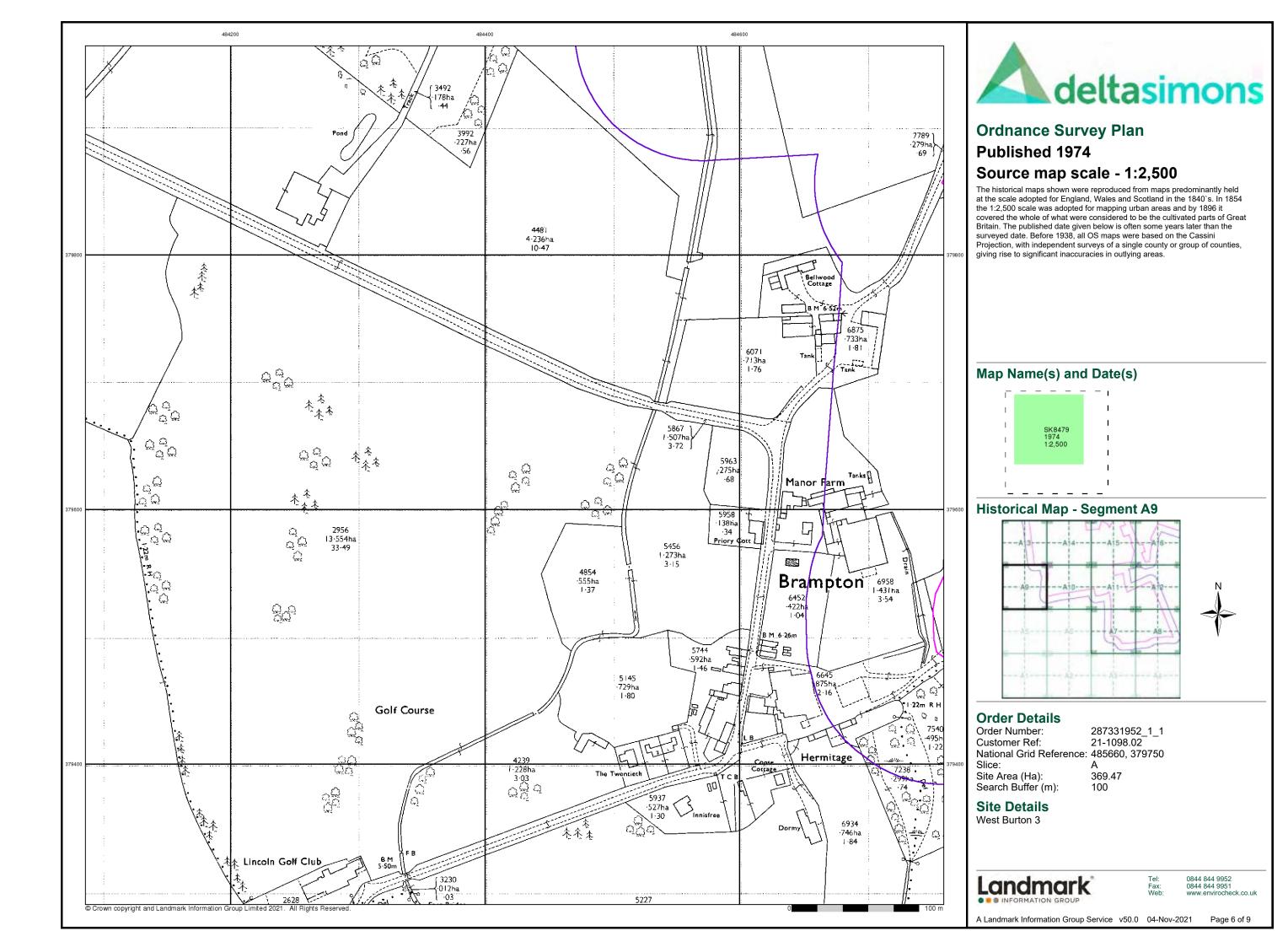
### **Site Details**

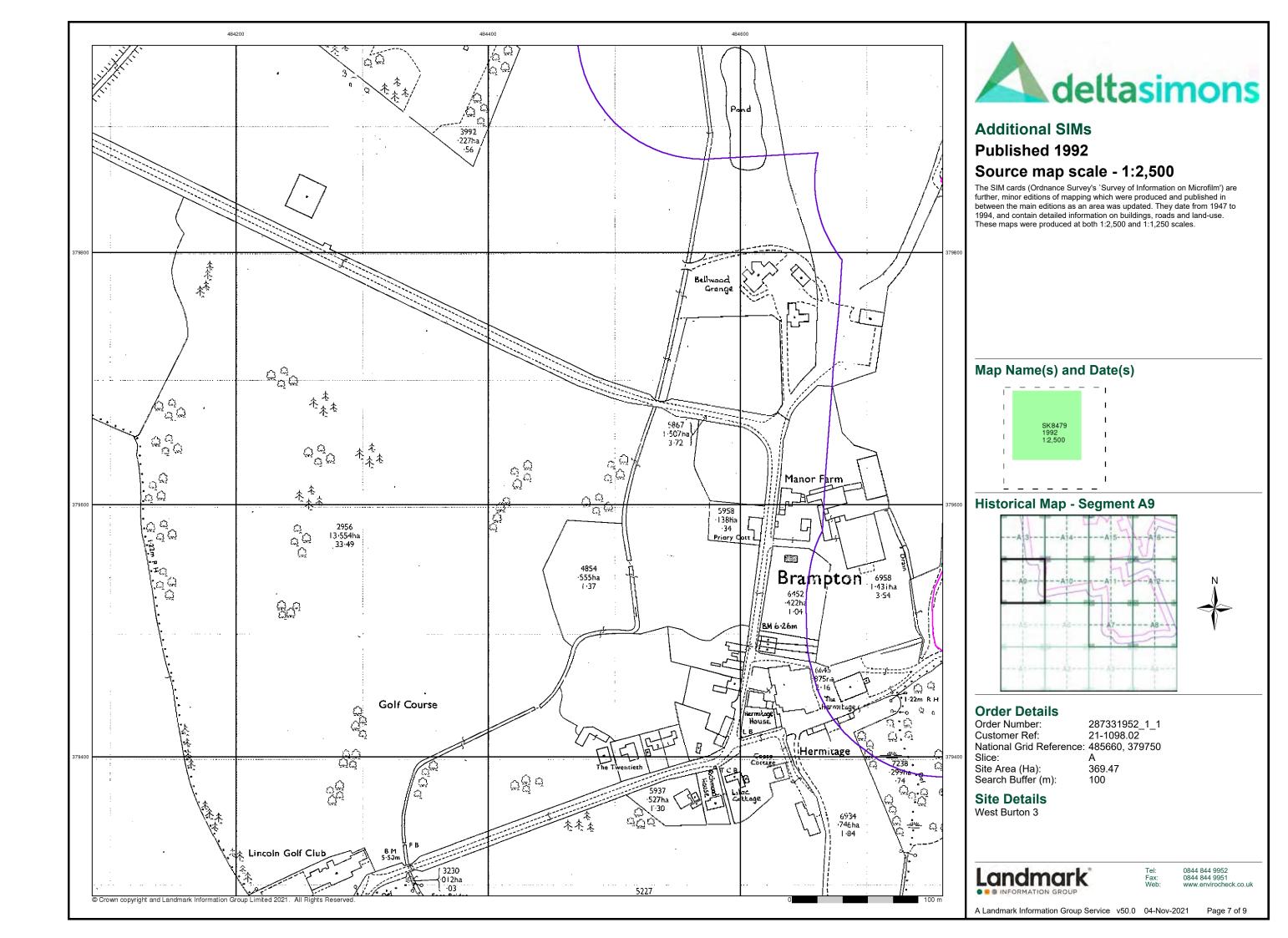
West Burton 3

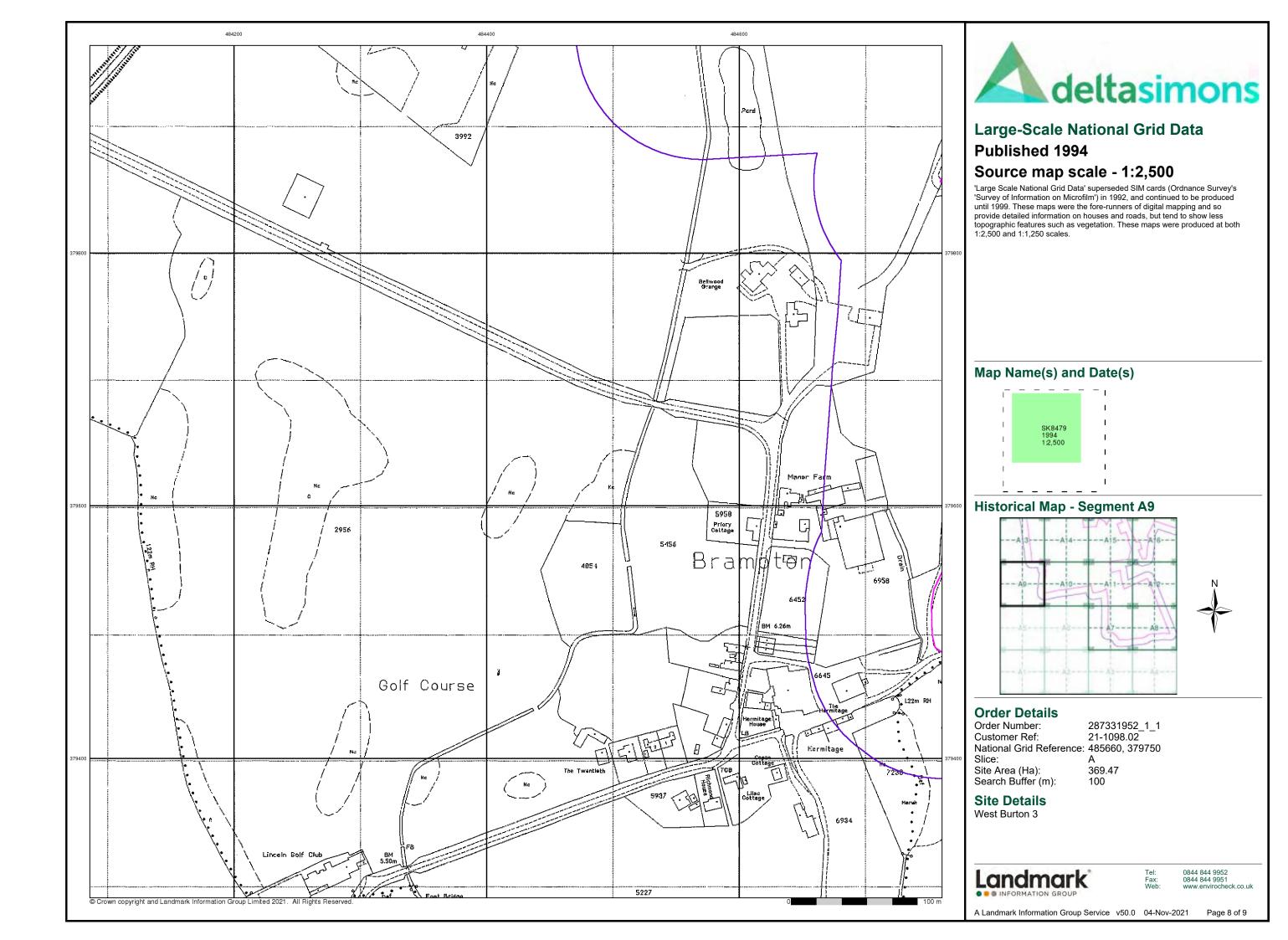
Landmark

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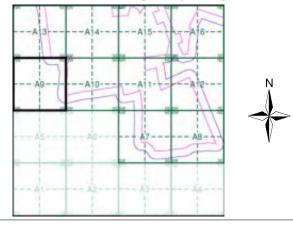




### **Historical Aerial Photography** Published 1999

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 A9**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

A 369.47 100 Site Area (Ha): Search Buffer (m):

**Site Details** 

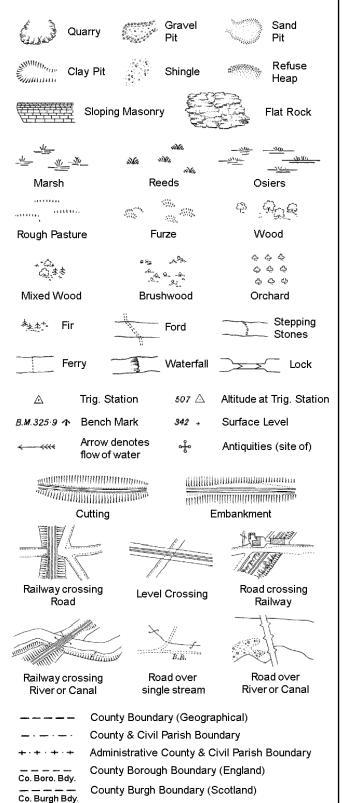
West Burton 3

Landmark*

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### **Historical Mapping Legends**

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

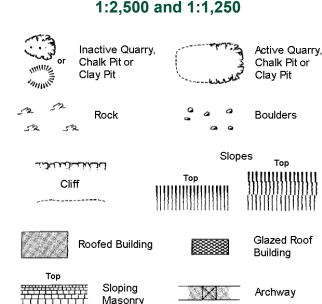
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Non-Coniferous Tree Coniferous Tree (surveyed) (surveyed) Non-Coniferous Trees Coniferous Trees (not surveyed) (not surveyed) Orchard ွင့် Scrub Bracken Marsh, Coppice, Reeds

Saltings Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

_			Slo	pes .	Tan
	لخنان		Тор	1111111	Top 
(	Cliff	1111		_ ))))))	111111111111
,				1111111	
525	Rock		7,5	Rock (so	attered)
$\triangle_{a}$	Boulders		Δ	Boulders	(scattered)
$\Box$	Positioned	Boulder		Scree	
ফ্র	Non-Conifo (surveyed)	erous Tree )	*	Conifero	
Çjû	Non-Conife (not surve	erous Trees yed)	<b>木</b> 木	Conifero (not surv	ous Trees /eyed)
දා	Orchard Tree	Q a.	Scrub	'L	Bracken
* ~	Coppice, Osier	siVa,	Reeds 🛥	<u>।ल —ग्र</u> ील	Marsh, Saltings
arttin,	Rough Grassland	antitu,	Heath	1	Culvert
<b>&gt;&gt;&gt;→</b>	Direction of water flo	Δ	Triangulation Station	, નું	Antiquity (site of)
E <u>T</u> L	_ Electric	ity Transmis	sion Line	$\boxtimes$	Electricity Pylon
\	231.6ûm E	Bench Mark		Building Building	
	Roofe	ed Building		8	azed Roof ilding
• • •		Ci∨il parish	/community b	oundary	
		District bou	ındary		
		County box	ındary		
٥		Boundary p	ost/stone		
٥		-	nereing symb ear in oppose		
Bks	Barracks		Р	Pillar, Pol	e or Post
Bty	Battery		PO	Post Offic	
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd R	•	tled Railway	PW	Place of\	
El Gen St	ta Electric Station	ity Generating	Sewage P	pg Sta Se Pu	wage Imping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub St	a Electricity	Sub Station	SP, SL	Signal Po	ost or Light

Spr

Tk

Tr

Wd Pp

Wks

Spring

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tank or Track

Filter Bed

GVC

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

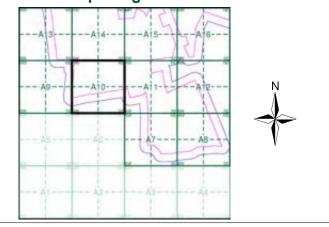
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1885	2
Lincolnshire	1:2,500	1886	3
Nottinghamshire	1:2,500	1899	4
Lincolnshire	1:2,500	1906	5
Lincolnshire	1:2,500	1920	6
Ordnance Survey Plan	1:2,500	1974	7
Additional SIMs	1:2,500	1992	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

#### **Historical Map - Segment A10**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750 Slice:

Site Area (Ha):

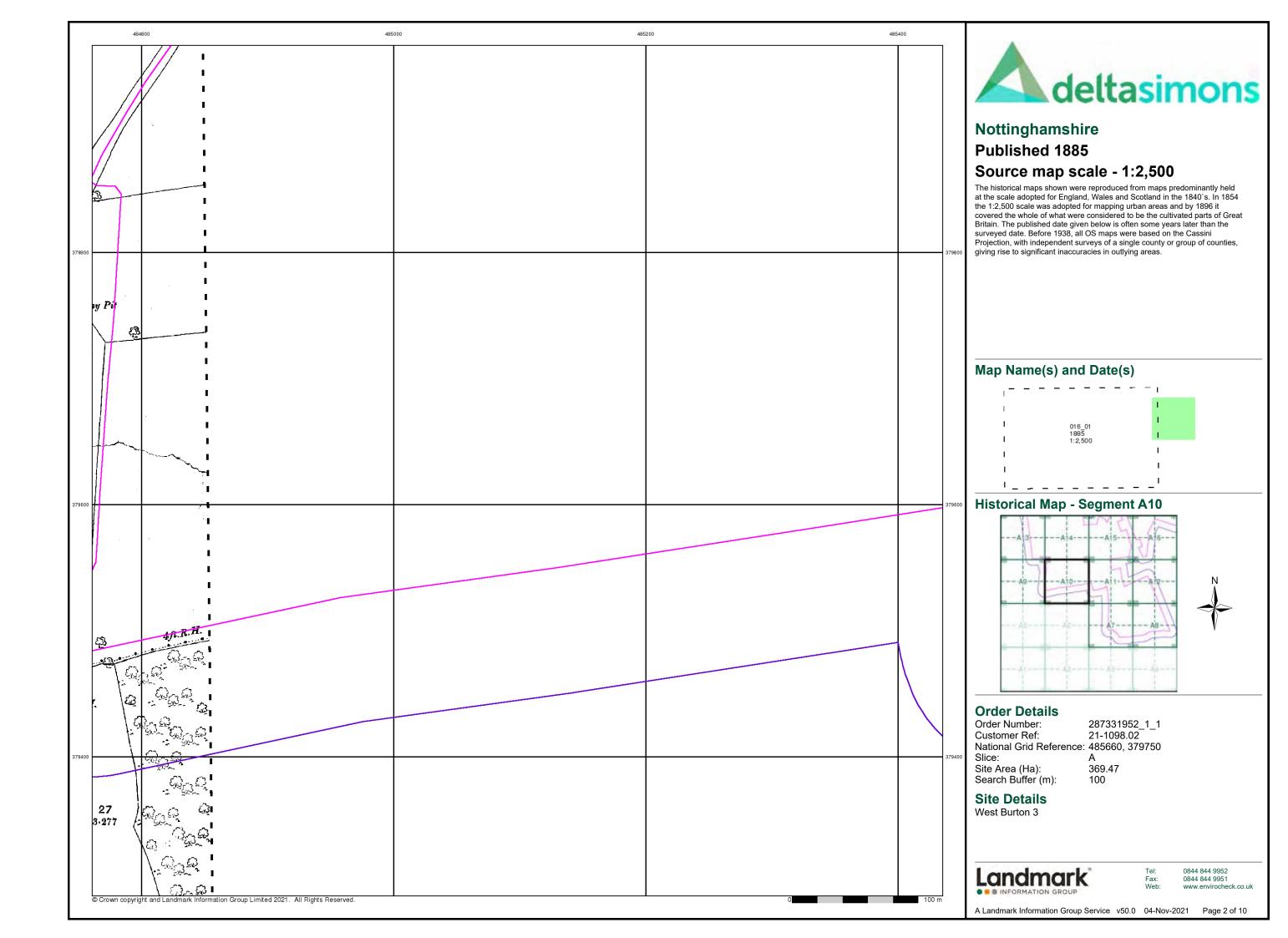
369.47 Search Buffer (m):

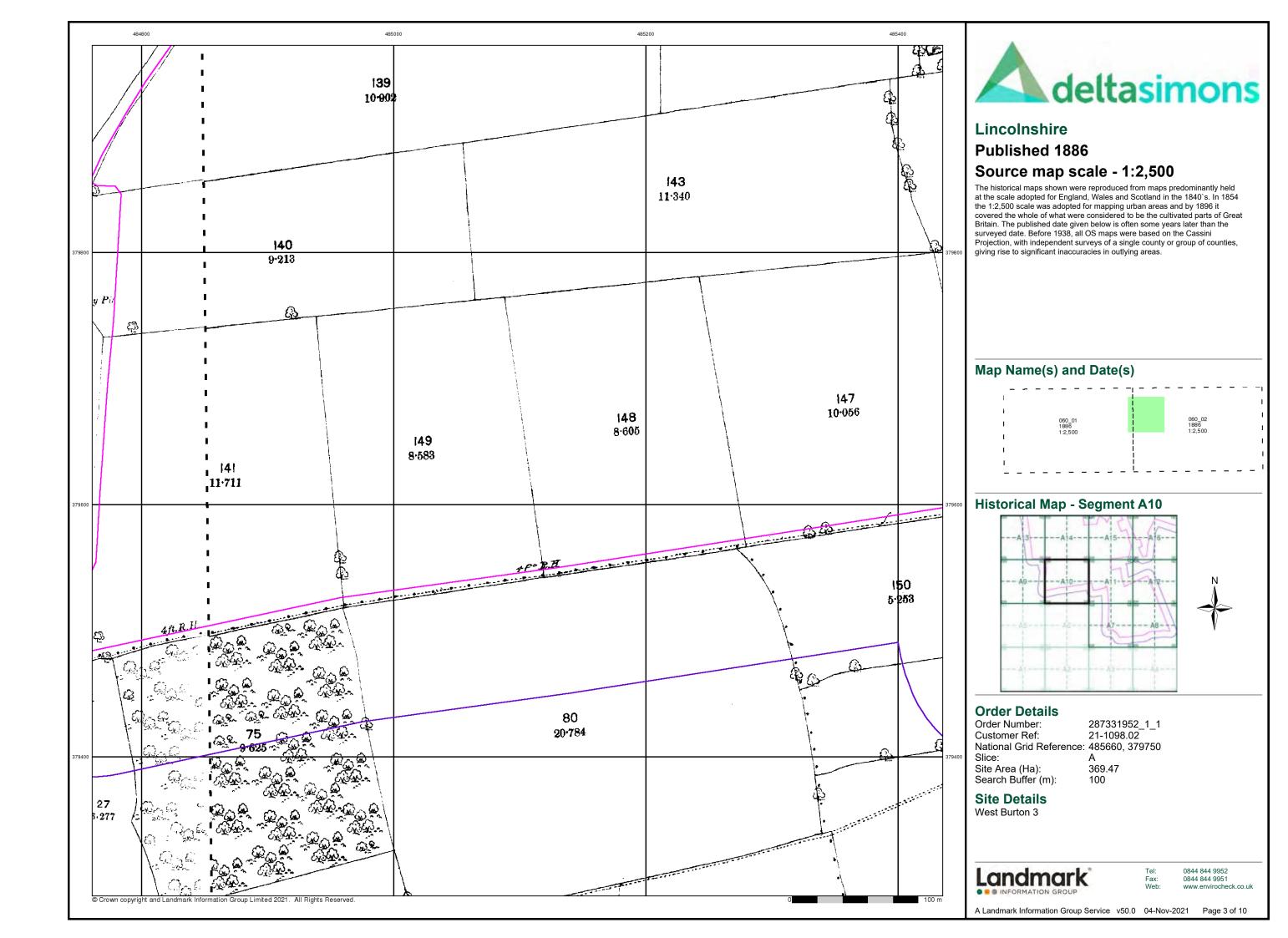
#### **Site Details** West Burton 3

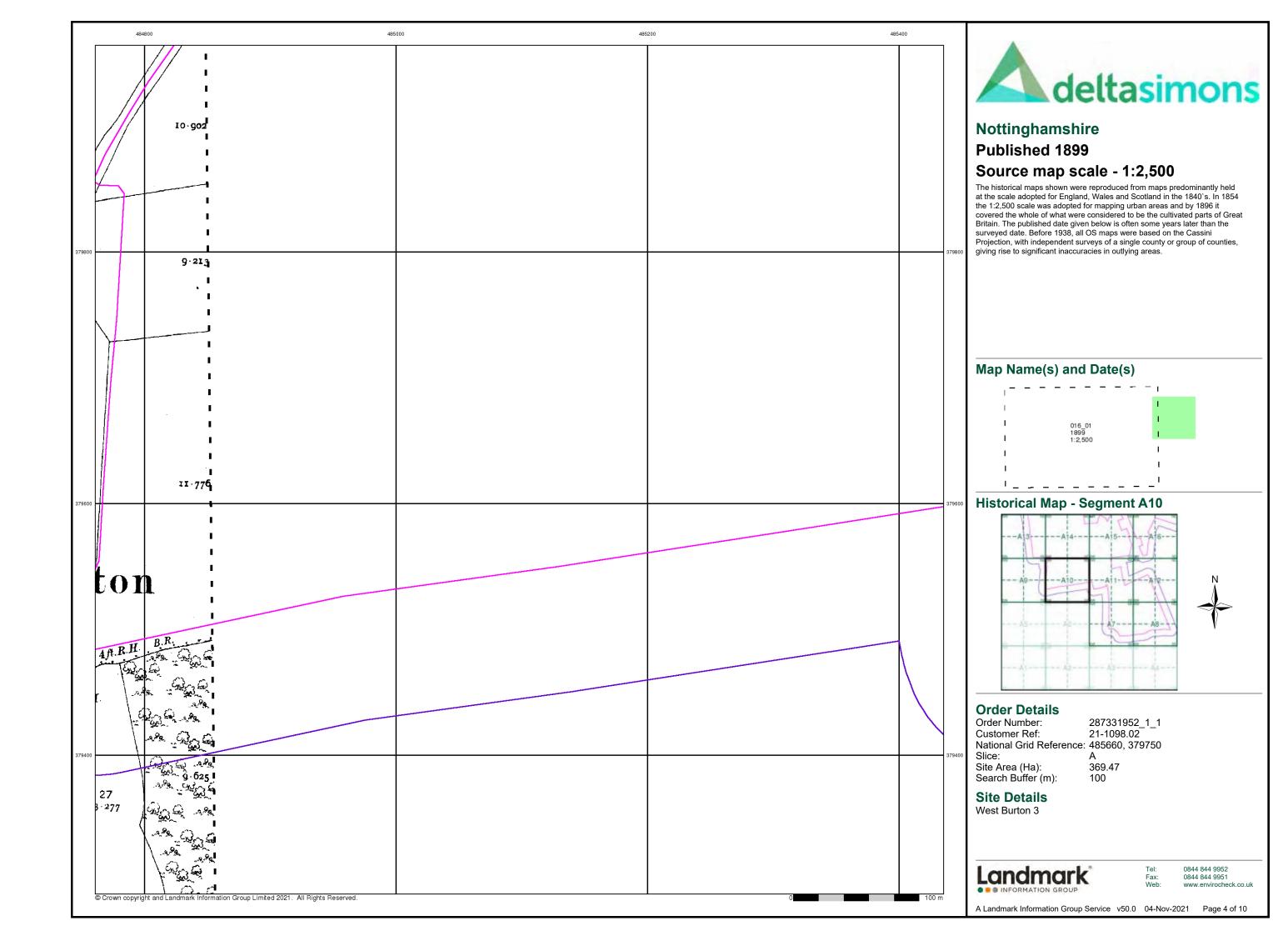
Landmark

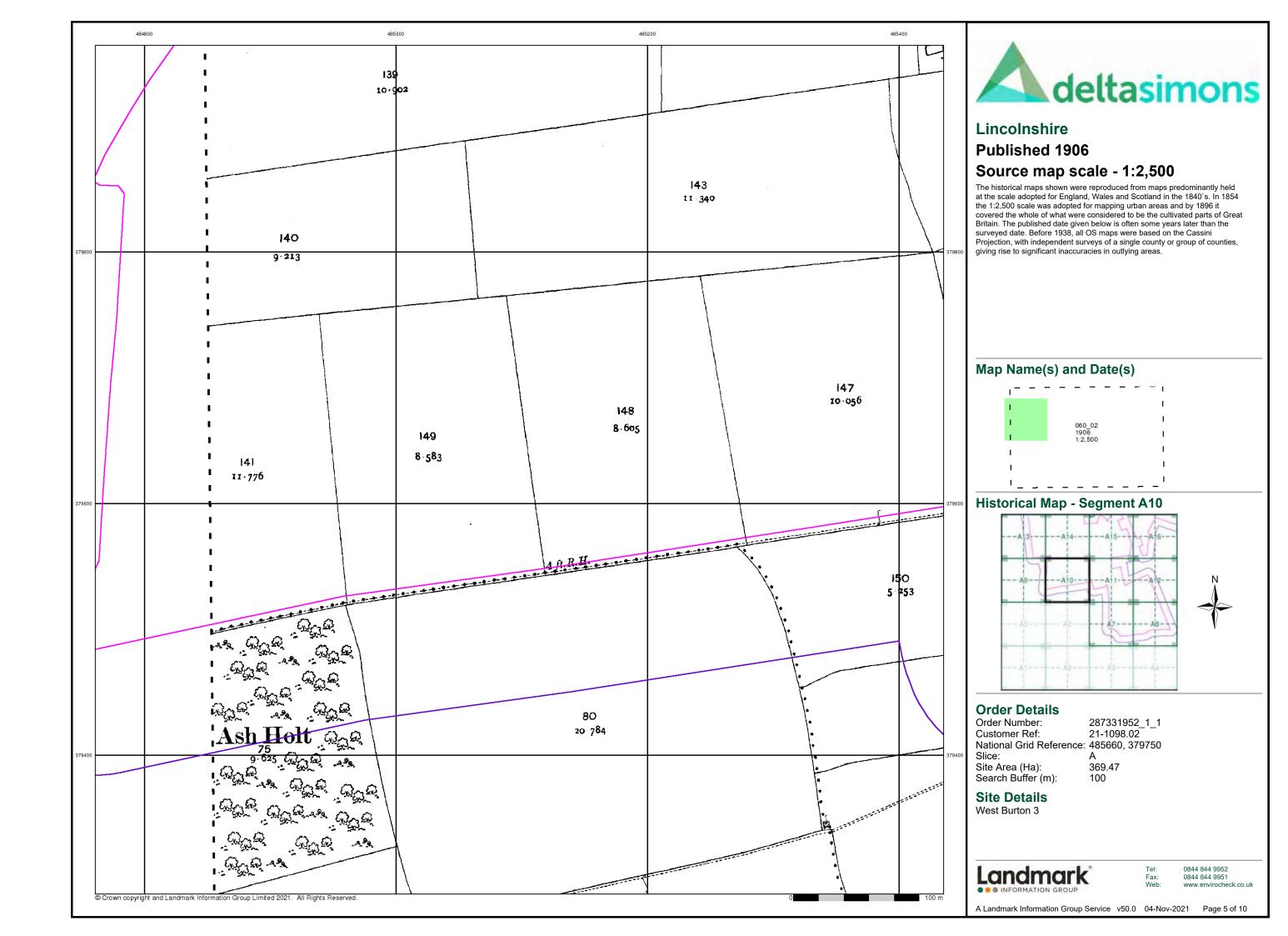
0844 844 9952

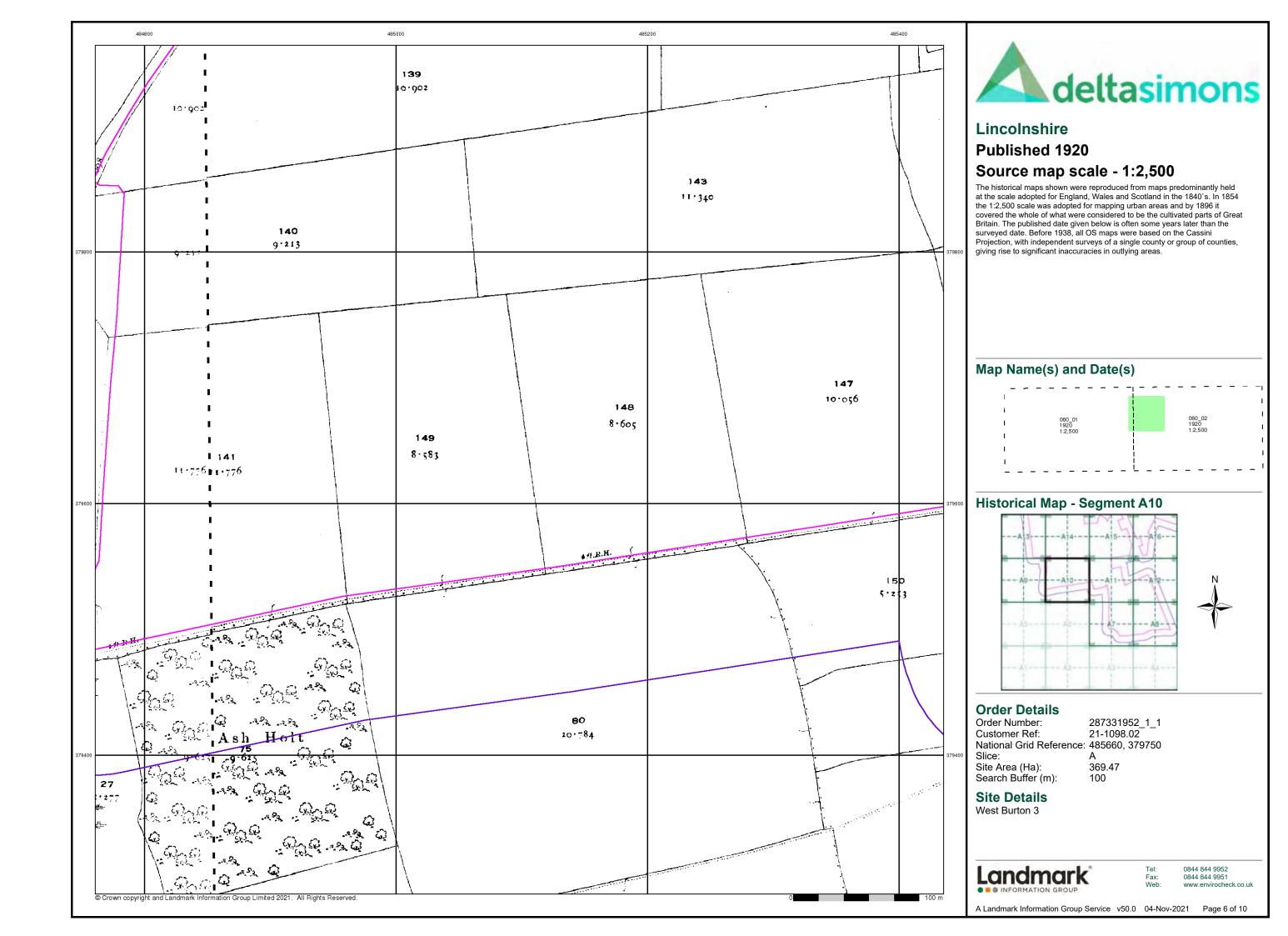
A Landmark Information Group Service v50.0 04-Nov-2021 Page 1 of 10

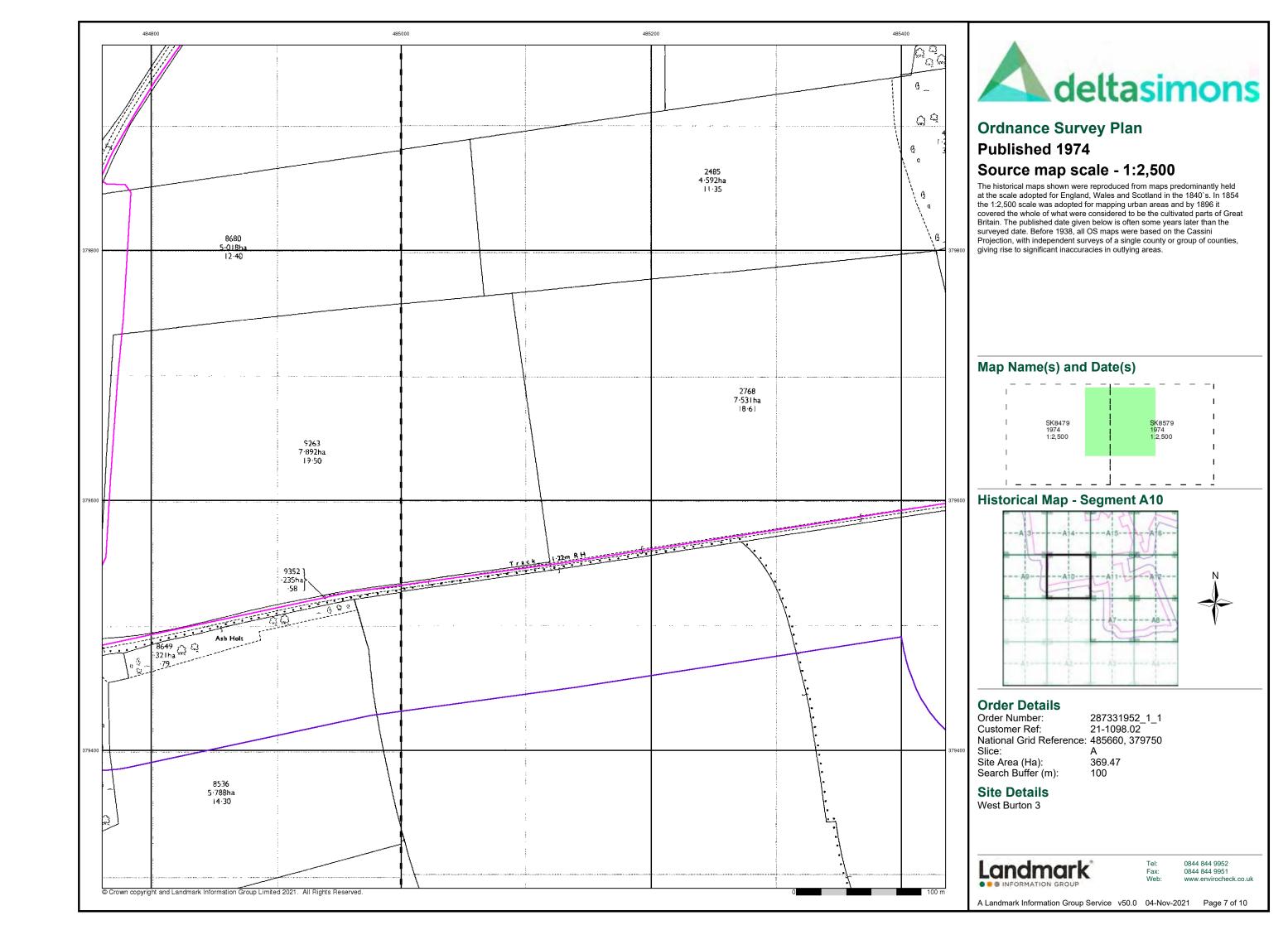


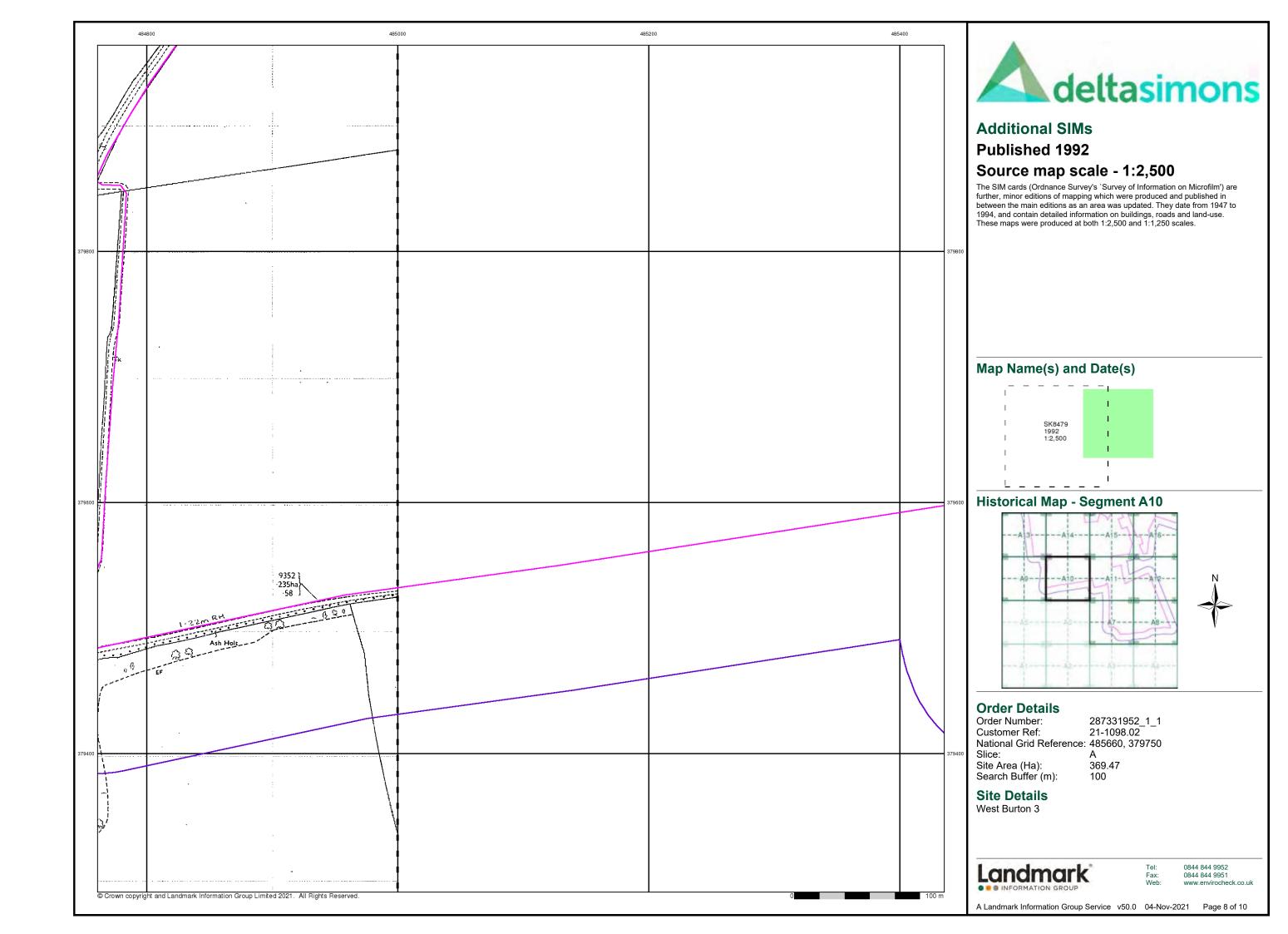


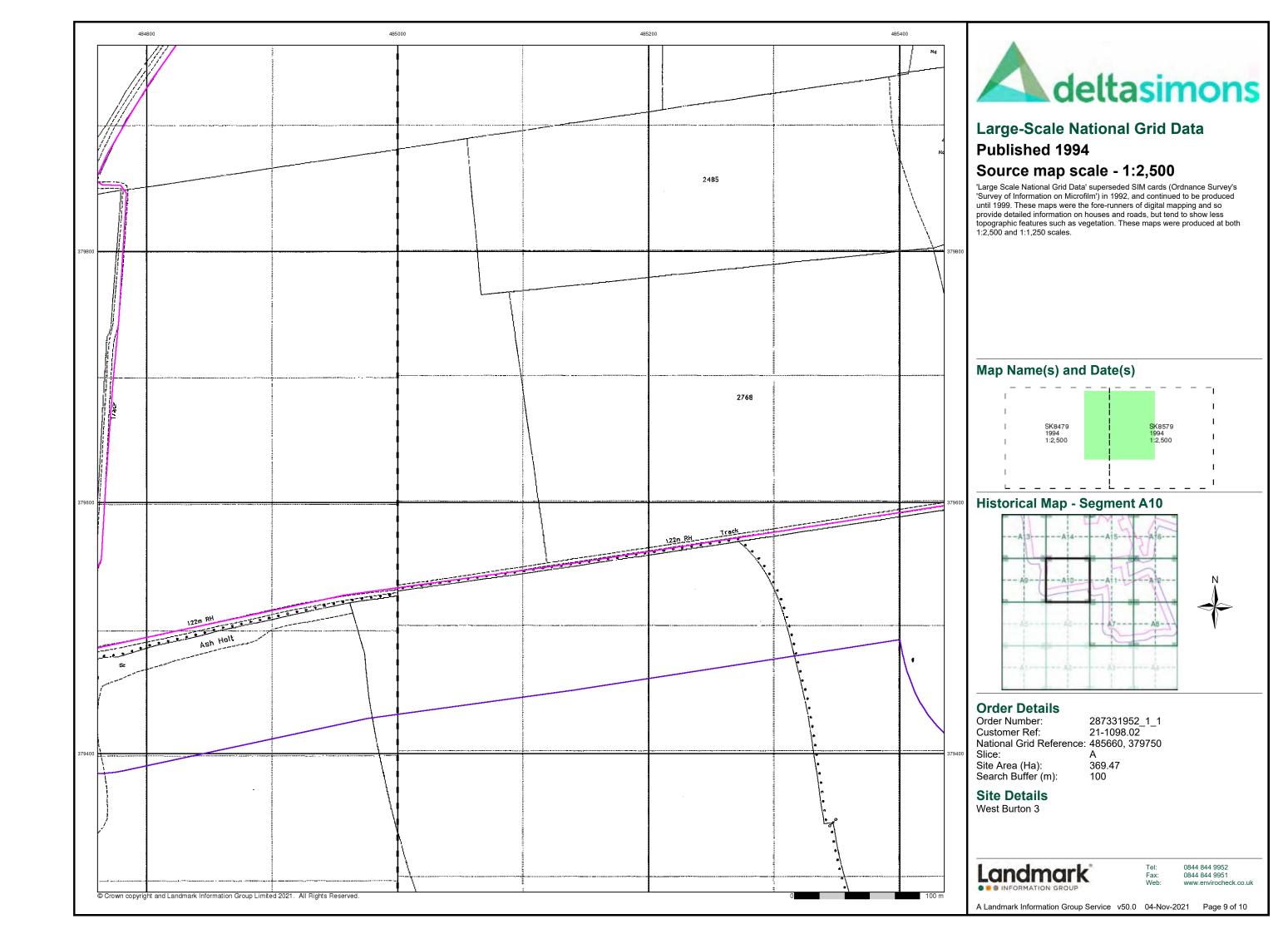


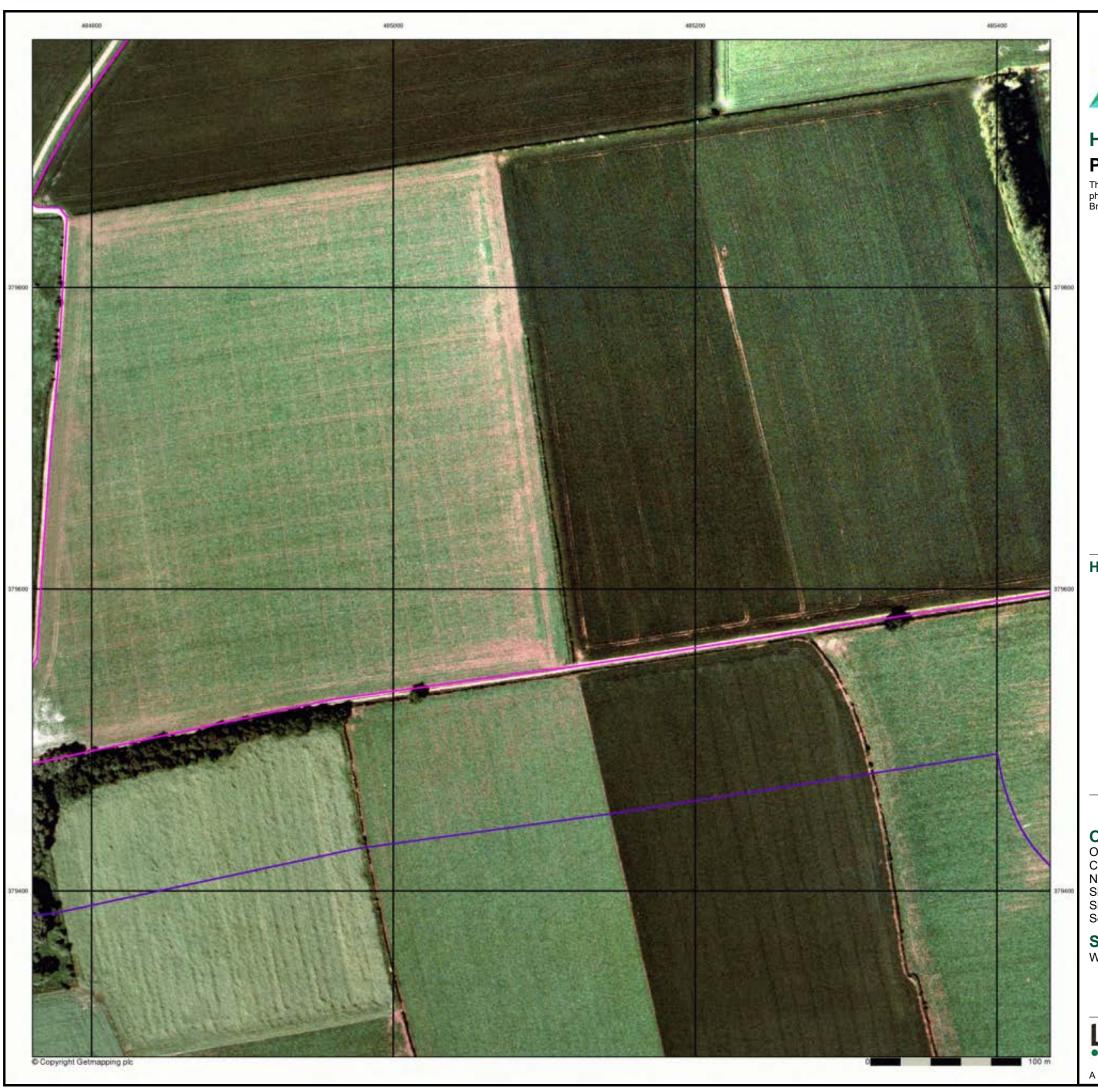








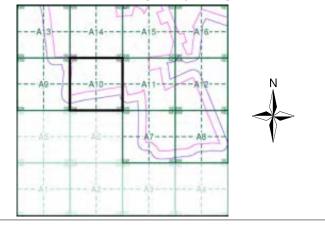






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

# **Historical Aerial Photography - Segment A10**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

**Site Details** 

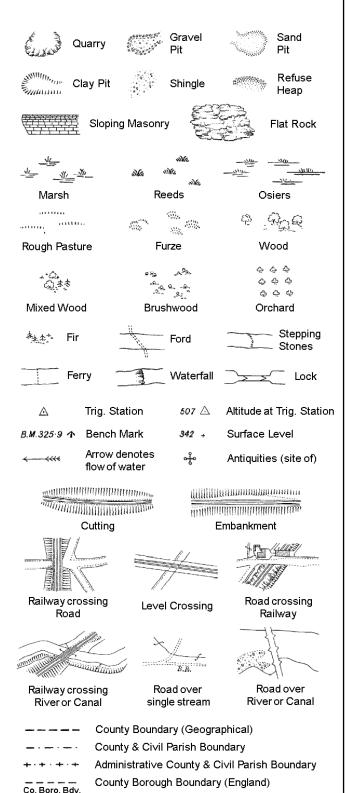
West Burton 3

Landmark*

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



County Burgh Boundary (Scotland)

S.P

Sl.

 $T_T$ 

T.C.B

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

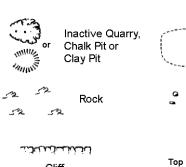
B.R.

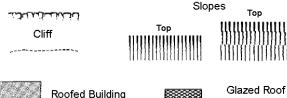
E.P

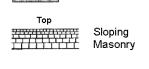
F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250







(surveyed)

Orchard

Coppice,

Rough

Grassland

Direction

Entrance

Cave

L B Bdy

Chv

D Fn

EIP

FAP

FB

LC

MP

MS

NTL

Beer House

Capstan, Crane

Drinking Fountain

Fire Alarm Pillar

Level Crossing

Normal Tidal Limit

Foot Bridge

Guide Post

Manhole

Electricity Pillar or Post

Hydrant or Hydraulic

Mile Post or Mooring Post

**Boundary Post or Stone** 

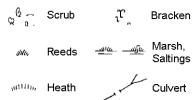
of water flow

(not surveyed)

ಟ್ಟಿಟ್ಟ







Triangulation

County Boundary (Geographical)

Admin. County or County Bor. Boundary

Symbol marking point where boundary

County & Civil Parish Boundary

Civil Parish Boundary

mereing changes

London Borough Boundary

РО

PH

SB, SB

SP. SL

Τk

TCB

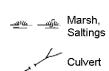
TCP

Wr Pt. Wr

Wd Pp

Station

**Electricity Transmission Line** 



Pillar, Pole or Post

Public Convenience

Signal Box or Bridge

Signal Post or Light

Telephone Call Box

Telephone Call Post

Water Point, Water Tap

Post Office

Public House

Pump

Spring

Trough

Wind Pump

Tank or Track





Electricity

Acti∨e Quarry,

Chalk Pit or

Clay Pit

Boulders

Buildina

BM 231.60m





 $\boxtimes$ 



Triangulation

Glazed Roof Building

Civil parish/community boundary District boundary

1:1,250

Cliff

Rock

Boulders

(surveyed)

(not surveyed)

Orchard

Coppice,

Rough

Grassland

Direction

of water flow

දු

Positioned Boulder

Non-Coniferous Tree

Non-Coniferous Trees

Scrub

wum, Heath

Δ

**Electricity Transmission Line** 

Reeds

Slopes

52

Rock (scattered)

Coniferous Tree

Coniferous Trees

Bracken

Marsh,

Saltings

Culvert

Antiquity

(site of)

Electricity

(not surveyed)

(surveyed)

Boulders (scattered)

County boundary Boundary post/stone

Mile Post or Mile Stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups

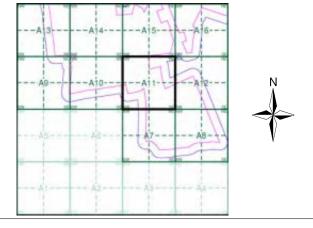
Bks	Barracks	Р	Pillar,	Pole or Post
Bty	Battery	PO	Post 0	Office
Cemy	Cemetery	PC	Public	Convenience
Chy	Chimney	Pp	Pump	
Cis	Cistern	Ppg Sta	Pumpi	ing Station
Dismtd Rly	Dismantled Railway	PW	Place	ofWorship
El Gen Sta	Electricity Generating Station	Sewage Pp	g Sta	Sewage Pumping Station
EIP	Electricity Pole, Pillar	SB, S Br	Signa	l Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signa	l Post or Light
FB	Filter Bed	Spr	Spring	3
Fn/DFn	Fountain / Drinking Ftn.	Tk	Tank	or Track
Gas Gov	Gas Valve Compound	Tr	Troug	h
GVC	Gas Governer	Wd Pp	Wind	Pump
GP	Guide Post	Wr Pt, Wr T	Water	Point, Water Tap
MH	Manhole	Wks	Works	(building or area)



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A11**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice:

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

**Site Details** 

West Burton 3



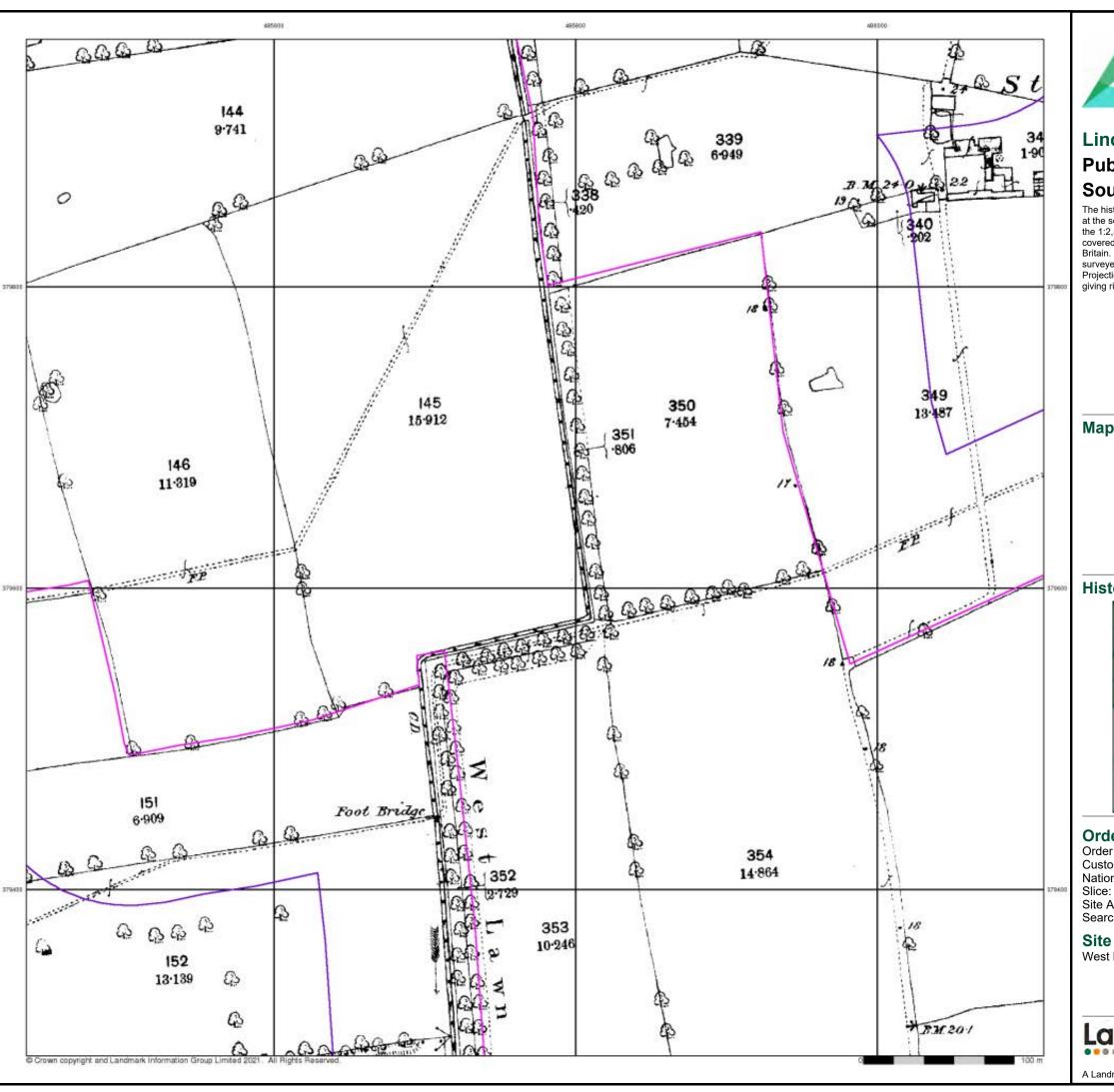
0844 844 9952 0844 844 9951

Page 1 of 7

A Landmark Information Group Service v50.0 04-Nov-2021

369.47

100



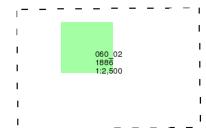


### Lincolnshire

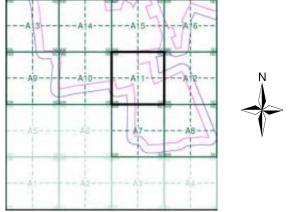
# Published 1886 Source map scale - 1:2,500

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 A11**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

Site Area (Ha): 369.47 Search Buffer (m): 100

ito Dotaile

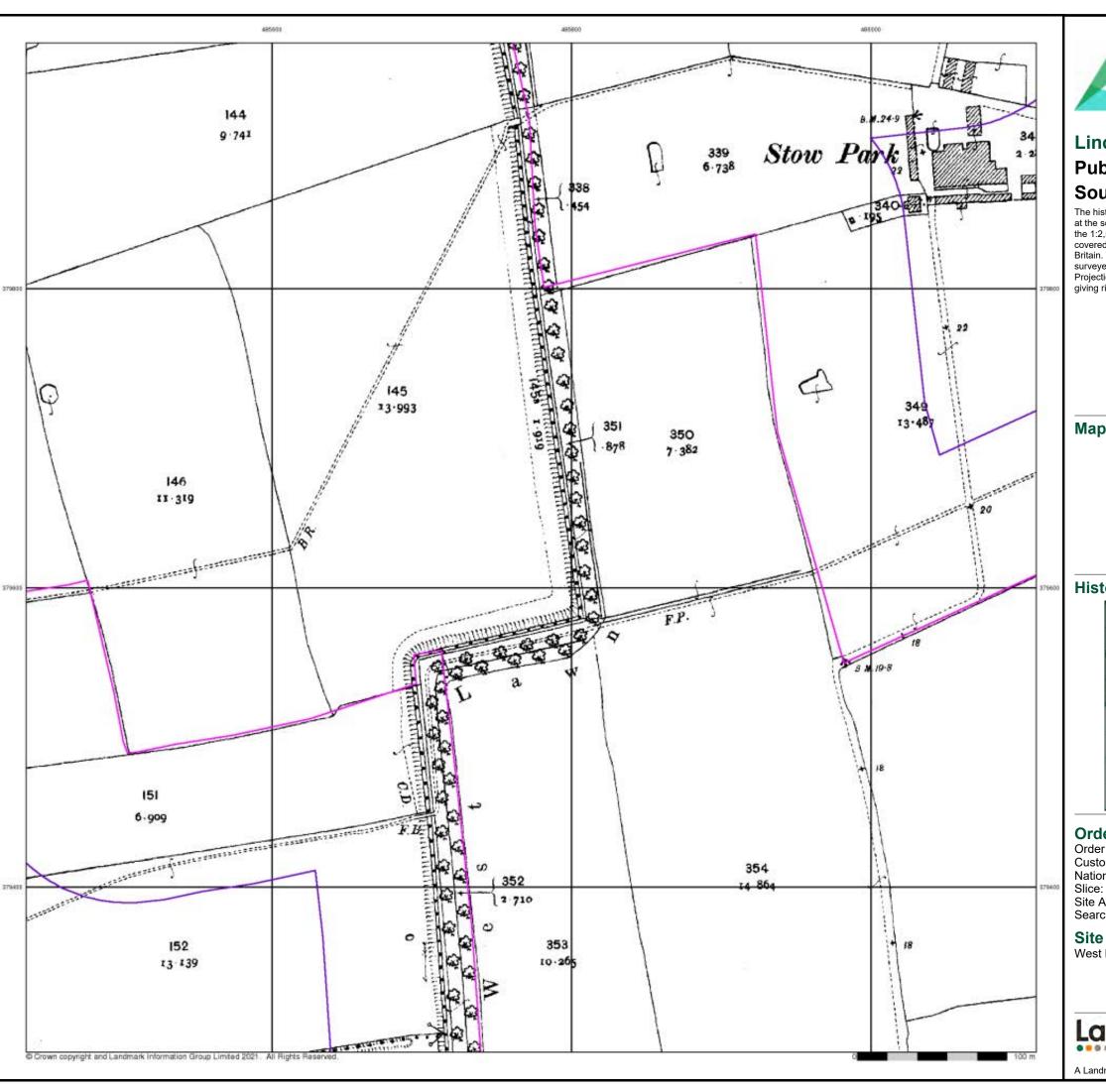
Site Details

West Burton 3

Landmark*

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 2 of 7



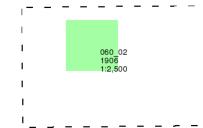


### Lincolnshire

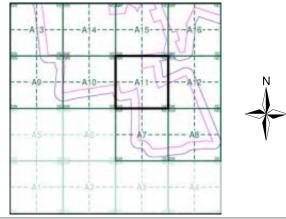
# Published 1906 Source map scale - 1:2,500

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 A11**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750

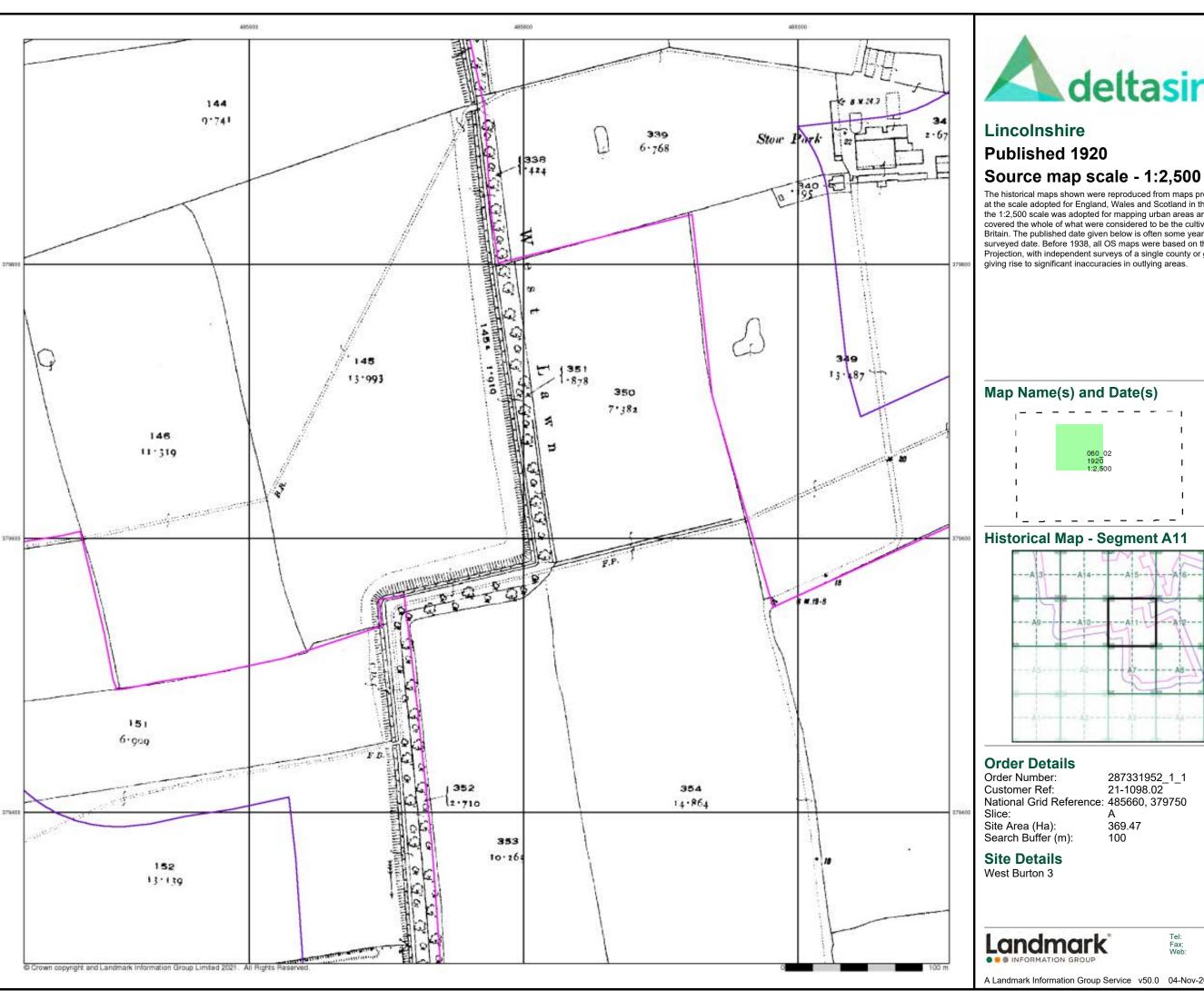
Site Area (Ha): Search Buffer (m): 369.47

**Site Details** West Burton 3

Landmark

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 3 of 7

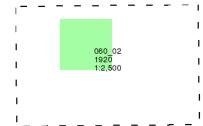




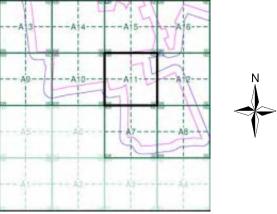
# Published 1920

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 A11**



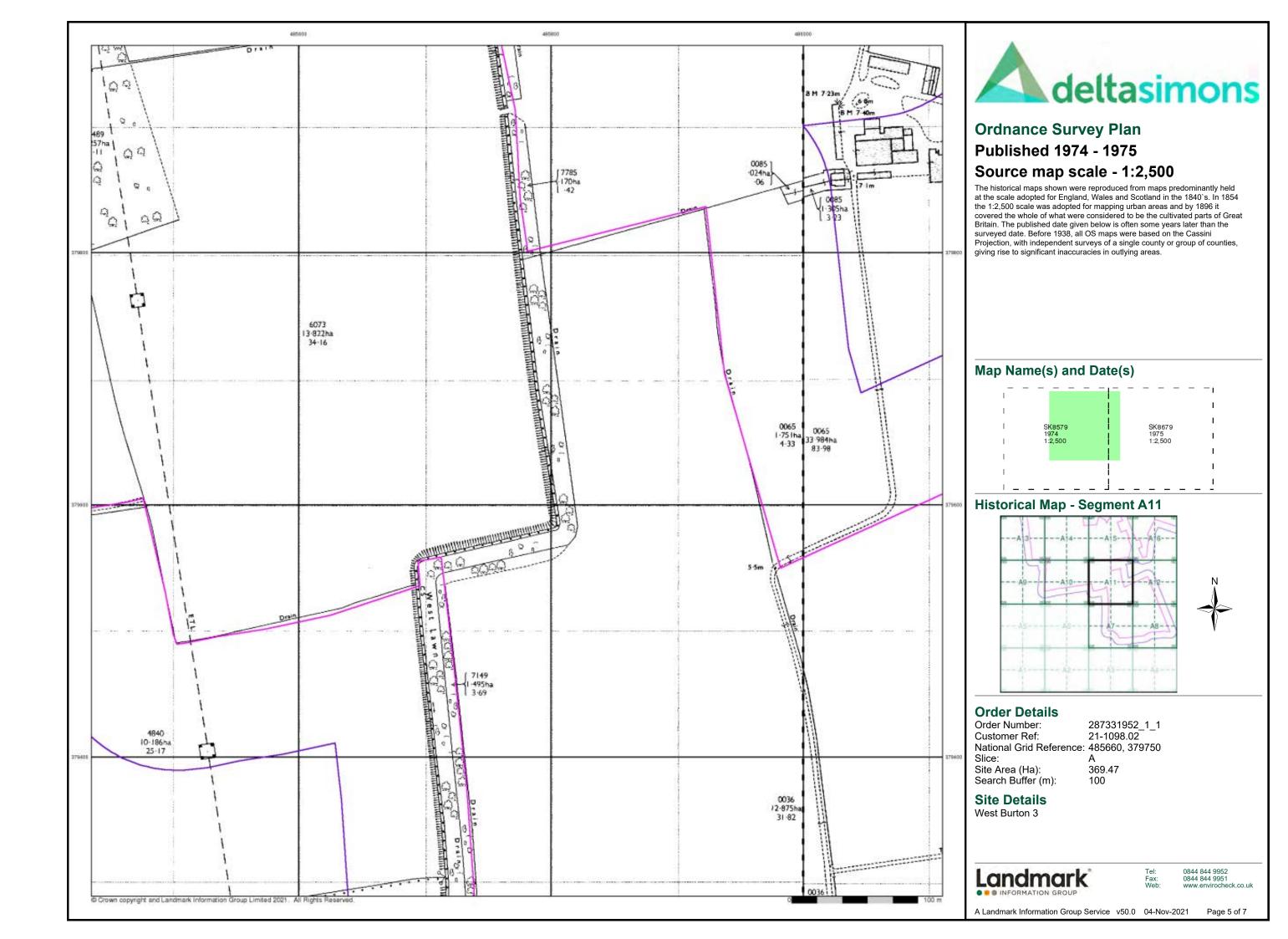
Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

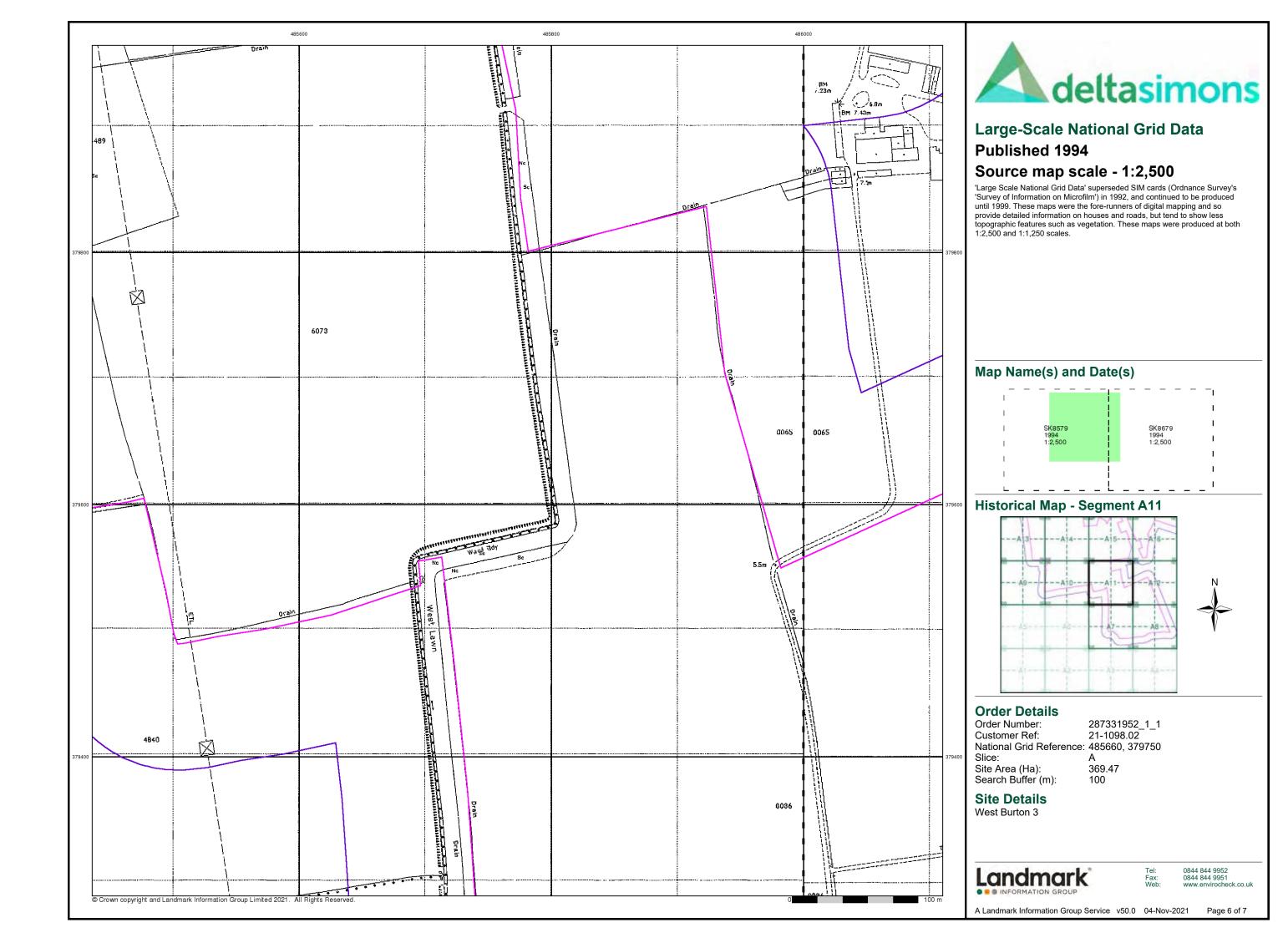
369.47

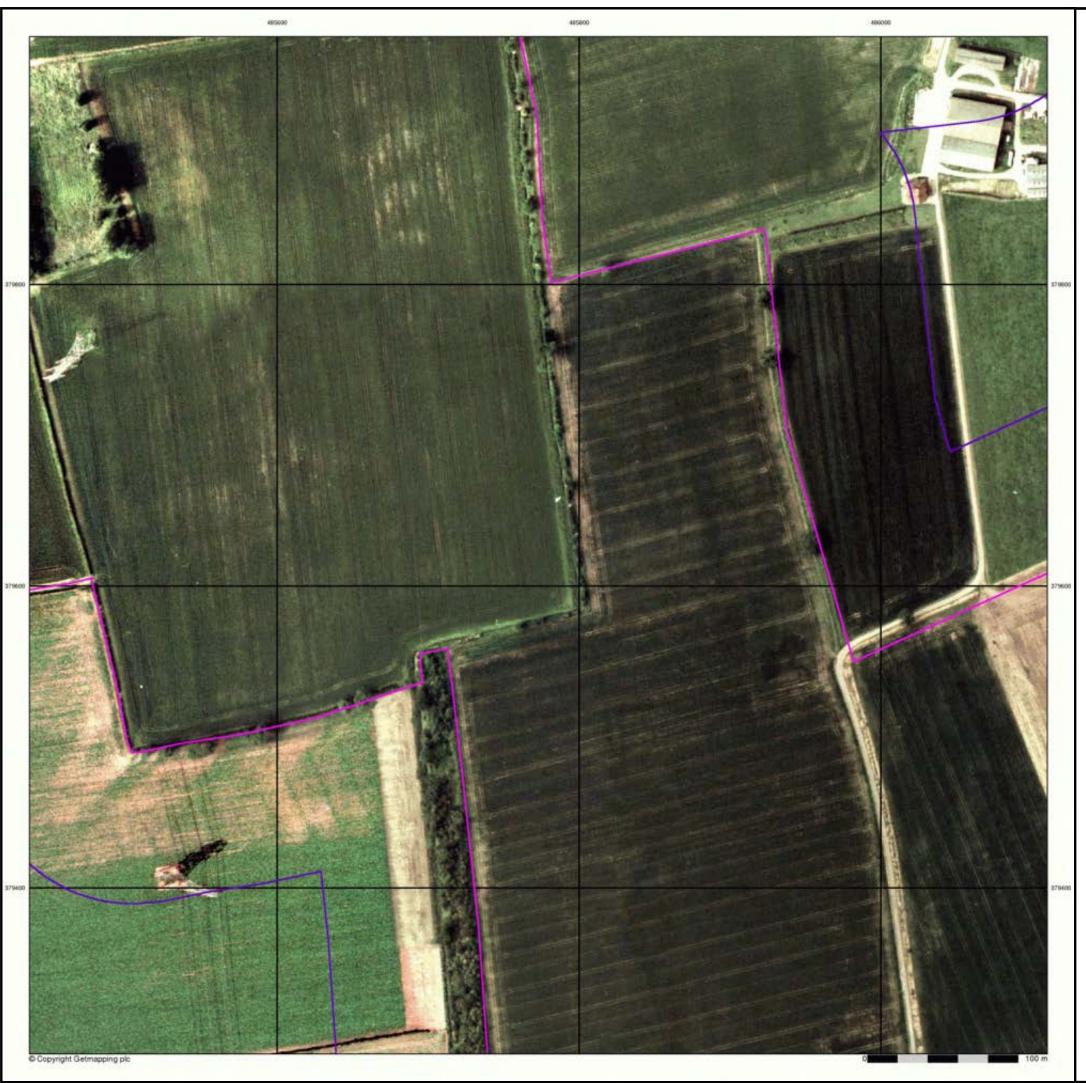
Landmark

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 4 of 7



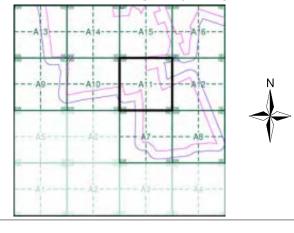






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

# **Historical Aerial Photography - Segment A11**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

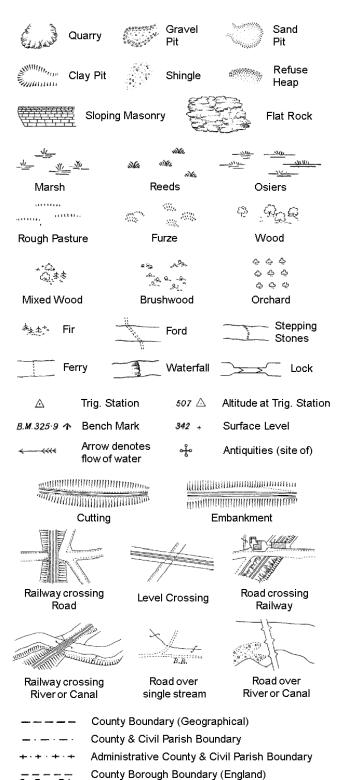
**Site Details** 

West Burton 3

Landmark*

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



County Burgh Boundary (Scotland)

S.P

T.C.B

Sl.

 $T_{T}$ 

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

Co. Boro, Bdv

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

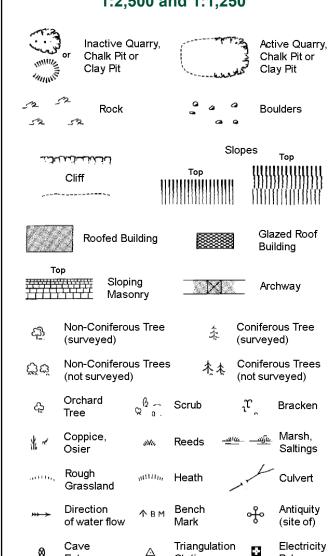
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** County Boundary (Geographical)

County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

,	_	_	
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

FΒ

GVC

Fn/DFn

Filter Bed

Gas Governer

**Guide Post** 

Manhole

Fountain / Drinking Ftn.

Gas Valve Compound

Mile Post or Mile Stone

# 1:1,250

			Slopes Top			
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	Cliff	1111		_ )))))))	!]]]]]] <u>)</u>	
		[]]		11111111	111111111	
523	Rock		52	Rock (sc	attered)	
$\triangle$	Boulders		<i>\triangle</i>	Boulders	(scattered)	
$\triangle$	Positioned	Boulder		Scree		
ফ্র	Non-Conif (surveyed	erous Tree )	未	Coniferor (surveye		
ζţά	Non-Conif (not surve	erous Trees yed)	* **	Conifero (not surv		
දා	Orchard Tree	Q a.	Scrub	$^{\iota}\! \Upsilon_{}$	Bracken	
* ~	Coppice, Osier	siVe,	Reeds 🛥	10c <u>-w</u> [cc	Marsh, Saltings	
artitie,	Rough Grassland	$unn_{b}$	Heath	1	Culvert	
<b>&gt;&gt;→</b>	Direction of water flo	Δ ow	Triangulatior Station	ુ નું	Antiquity (site of)	
E_TL	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon	
/*/ BM	231.60m E	Bench Mark		Building Building		
	Roofe	ed Building		25	zed Roof Iding	
		Ci∨il parish	/community b	oundary		
		District bou	=	•		
_ •		County bou	ındary			
٥		Boundary p				
٥	,	Boundary r	nereing symb ear in oppose			
Bks	Barracks		Р	Pillar, Pole	e or Post	
Bty	Battery		PO	Post Offic		
Cemy	Cemetery		PC	Public Co	nvenience	
Chy	Chimney		Pp	Pump		
Cis	Cistern		Ppg Sta	Pumping:	Station	
Dismtd R	Rly Disman	tled Railway	PW	Place of ₩	/orship	
El Gen S	ta Electric Station	ity Generating	Sewage P		wage mping Station	
EIP	Electricity	Pole, Pillar	SB, S Br		x or Bridge	
El Sub S	ta Electricity	Sub Station	SP, SL	Signal Po	st or Light	
	EW B 1		_			

Spr

Tr

Wd Pp

Wks

Spring

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

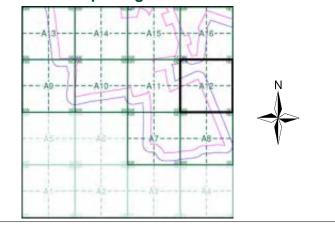
Tank or Track



# **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

# **Historical Map - Segment A12**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice:

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

**Site Details** West Burton 3

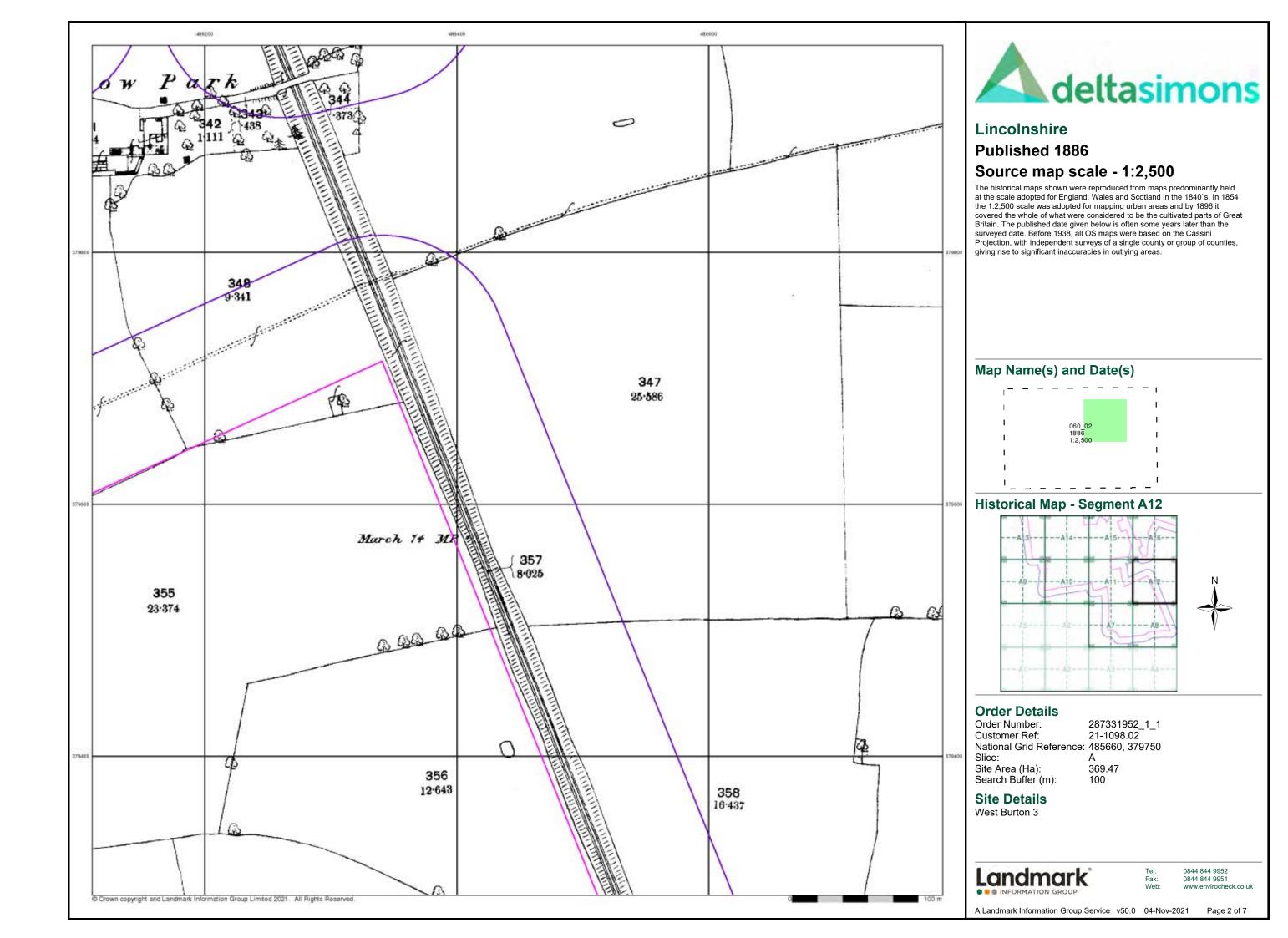


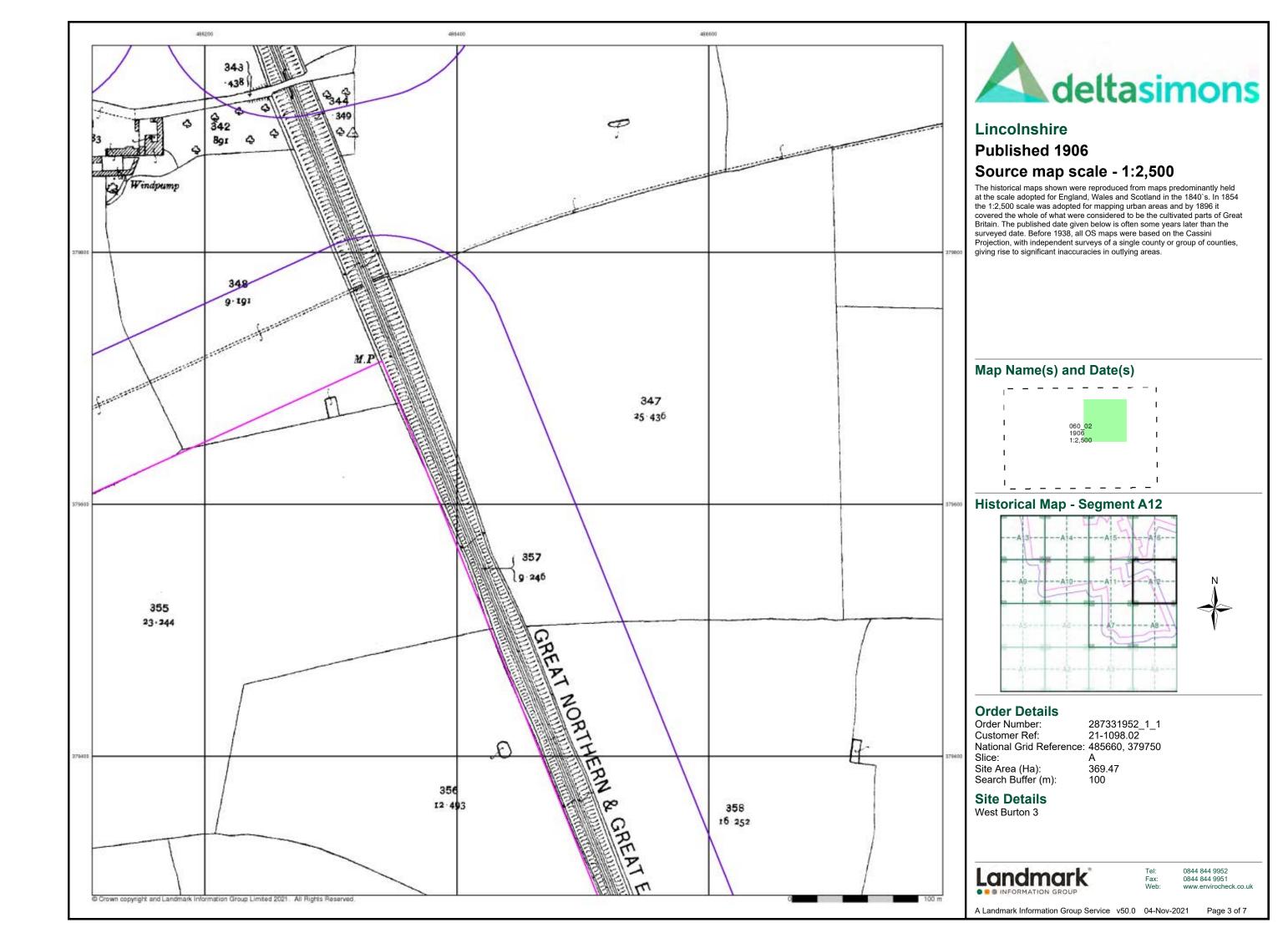
0844 844 9952

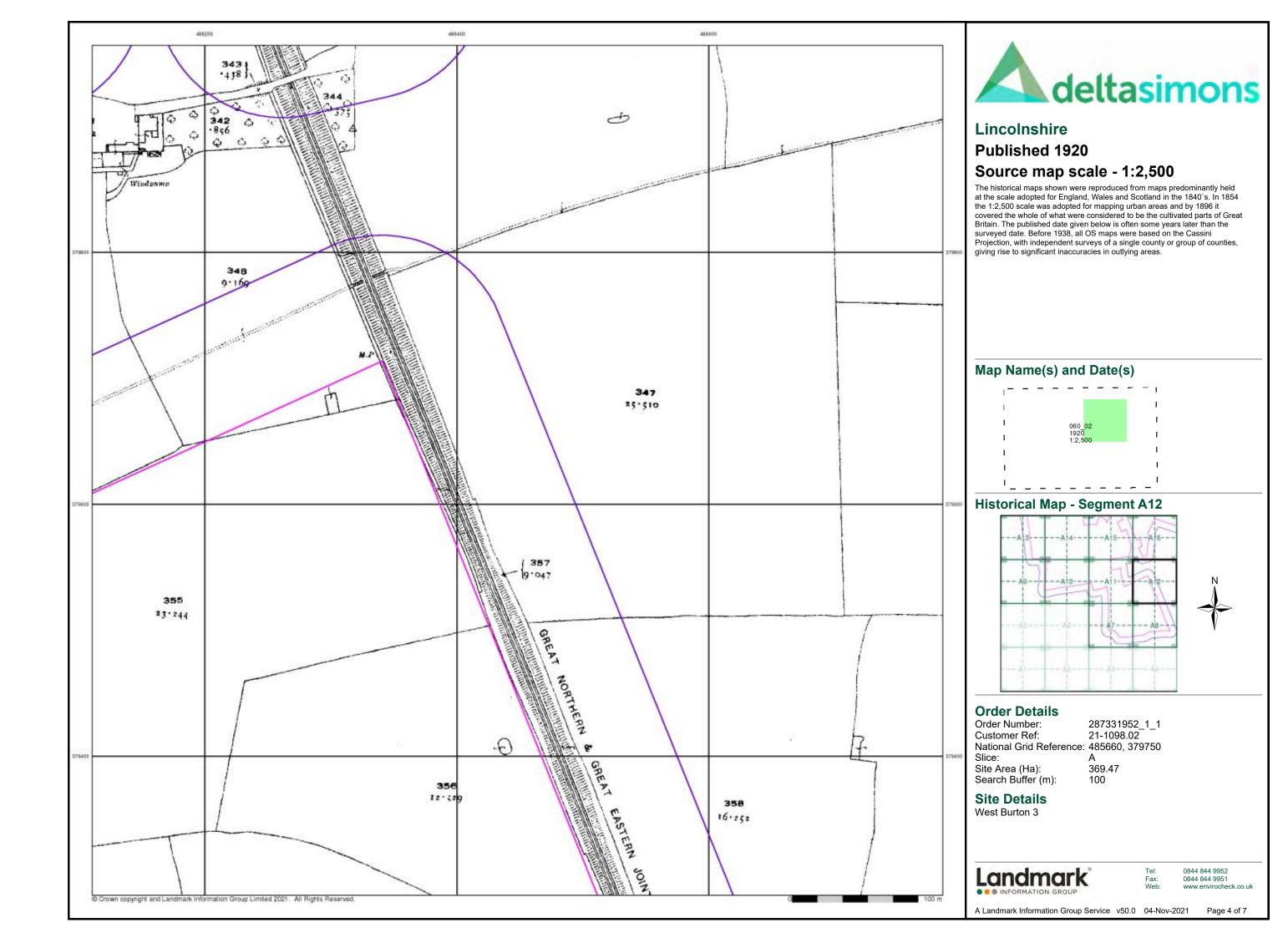
Page 1 of 7

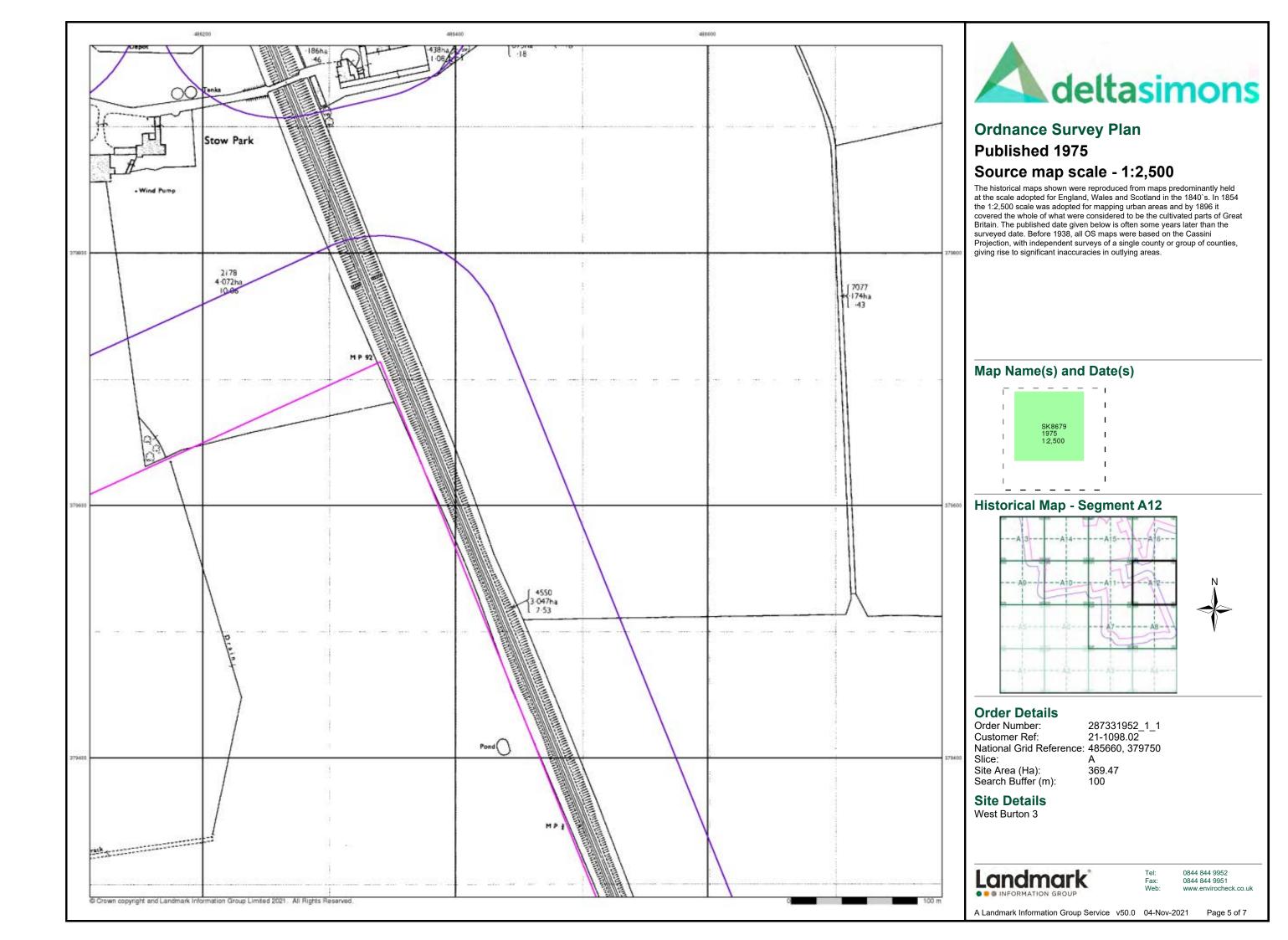
A Landmark Information Group Service v50.0 04-Nov-2021

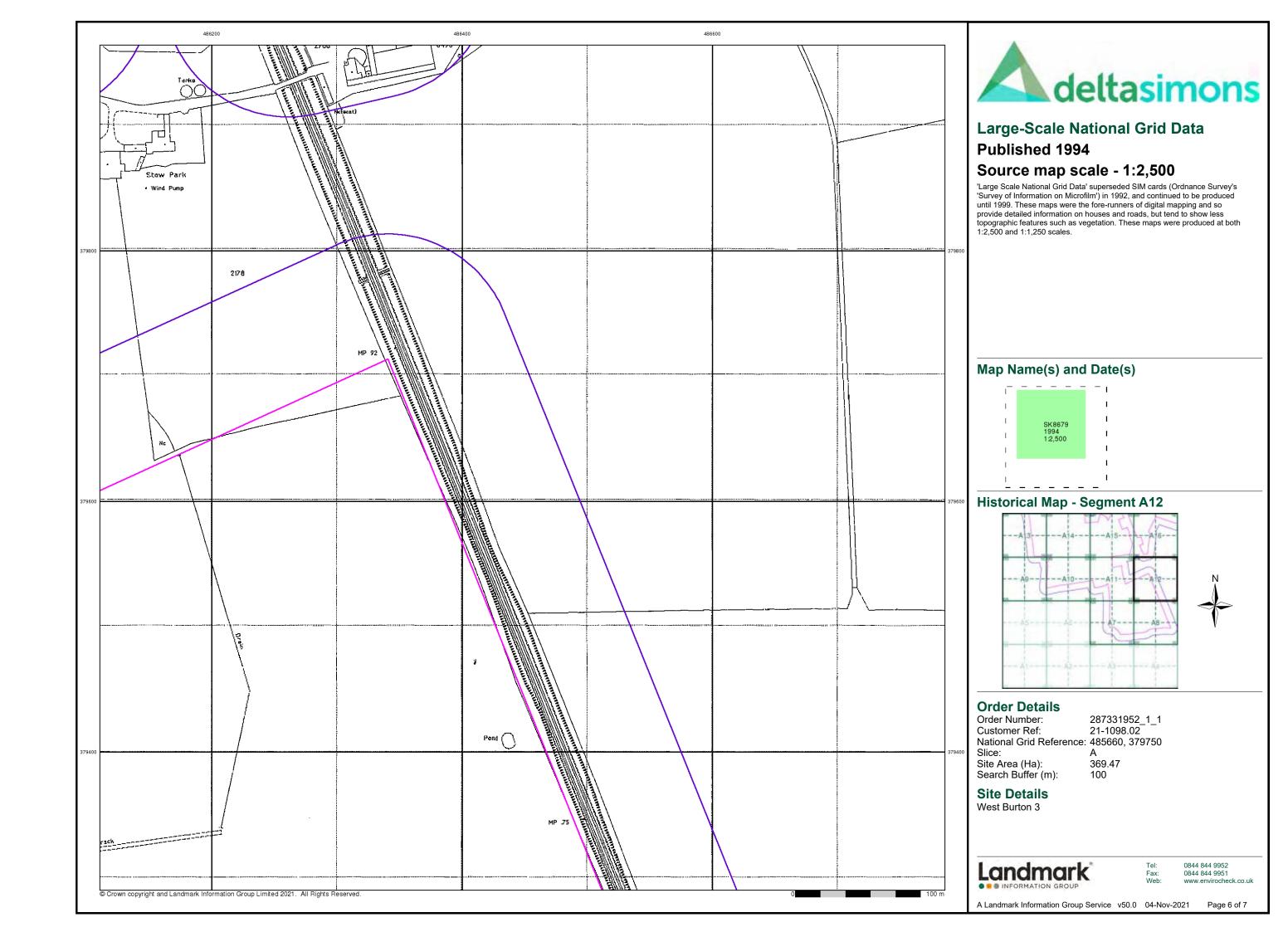
369.47









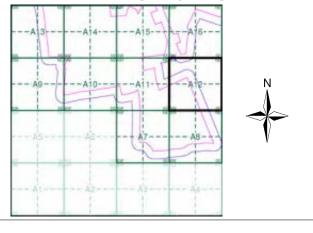






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

# **Historical Aerial Photography - Segment A12**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

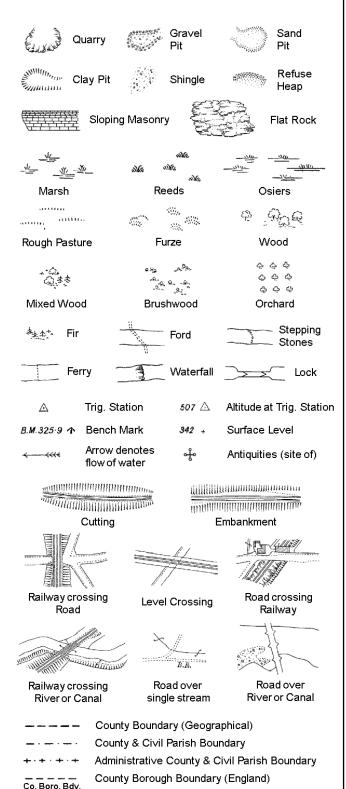
**Site Details** 

West Burton 3

Landmark*

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



County Burgh Boundary (Scotland)

S.P

Sl.

 $T_T$ 

T.C.B

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

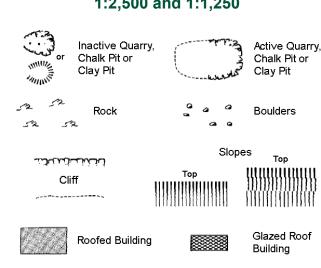
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Masonry Non-Coniferous Tree Coniferous Tree (surveyed) (surveyed) Non-Coniferous Trees Coniferous Trees ಟ್ಟಿಟ್ಟ (not surveyed) (not surveyed)

Archway

Sloping

Orchard Scrub Bracken డ్తి Marsh, Coppice, Reeds Saltings Rough Culvert ш_и Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Triangulation Cave Entrance

**Electricity Transmission Line** County Boundary (Geographical)

County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

Beer House Pillar, Pole or Post **Boundary Post or Stone** РО Post Office Capstan, Crane **Public Convenience** PH Chv **Public House** D Fn Drinking Fountain Pump EIP Electricity Pillar or Post SB, SB Signal Box or Bridge FAP Fire Alarm Pillar SP. SL Signal Post or Light FB Foot Bridge Spring Tank or Track Guide Post Τk Hydrant or Hydraulic TCB Telephone Call Box LC Level Crossing TCP Telephone Call Post Manhole Trough MP Mile Post or Mooring Post Wr Pt. W Water Point, Water Tap MS NTL Normal Tidal Limit Wd Pp Wind Pump

FΒ

GVC

Fn/DFn

Filter Bed

Gas Governer

**Guide Post** 

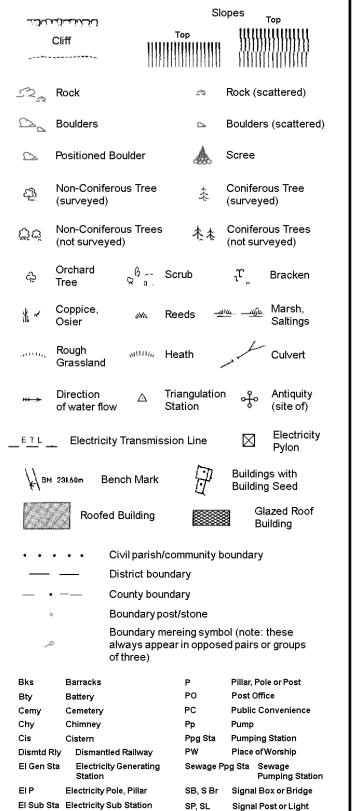
Manhole

Fountain / Drinking Ftn.

Gas Valve Compound

Mile Post or Mile Stone

# 1:1,250



Spr

Tk

Tr

Wd Pp

Wks

Spring

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

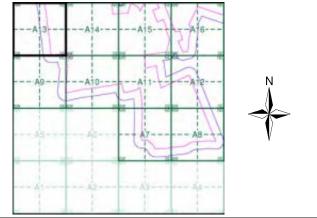
Tank or Track



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1885	2
Lincolnshire	1:2,500	1886	3
Nottinghamshire	1:2,500	1899	4
Lincolnshire	1:2,500	1920	5
Ordnance Survey Plan	1:2,500	1974	6
Additional SIMs	1:2,500	1992	7
Large-Scale National Grid Data	1:2,500	1994	8
Historical Aerial Photography	1:2,500	1999	9

## **Historical Map - Segment A13**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice:

Site Area (Ha):

369.47 Search Buffer (m): 100

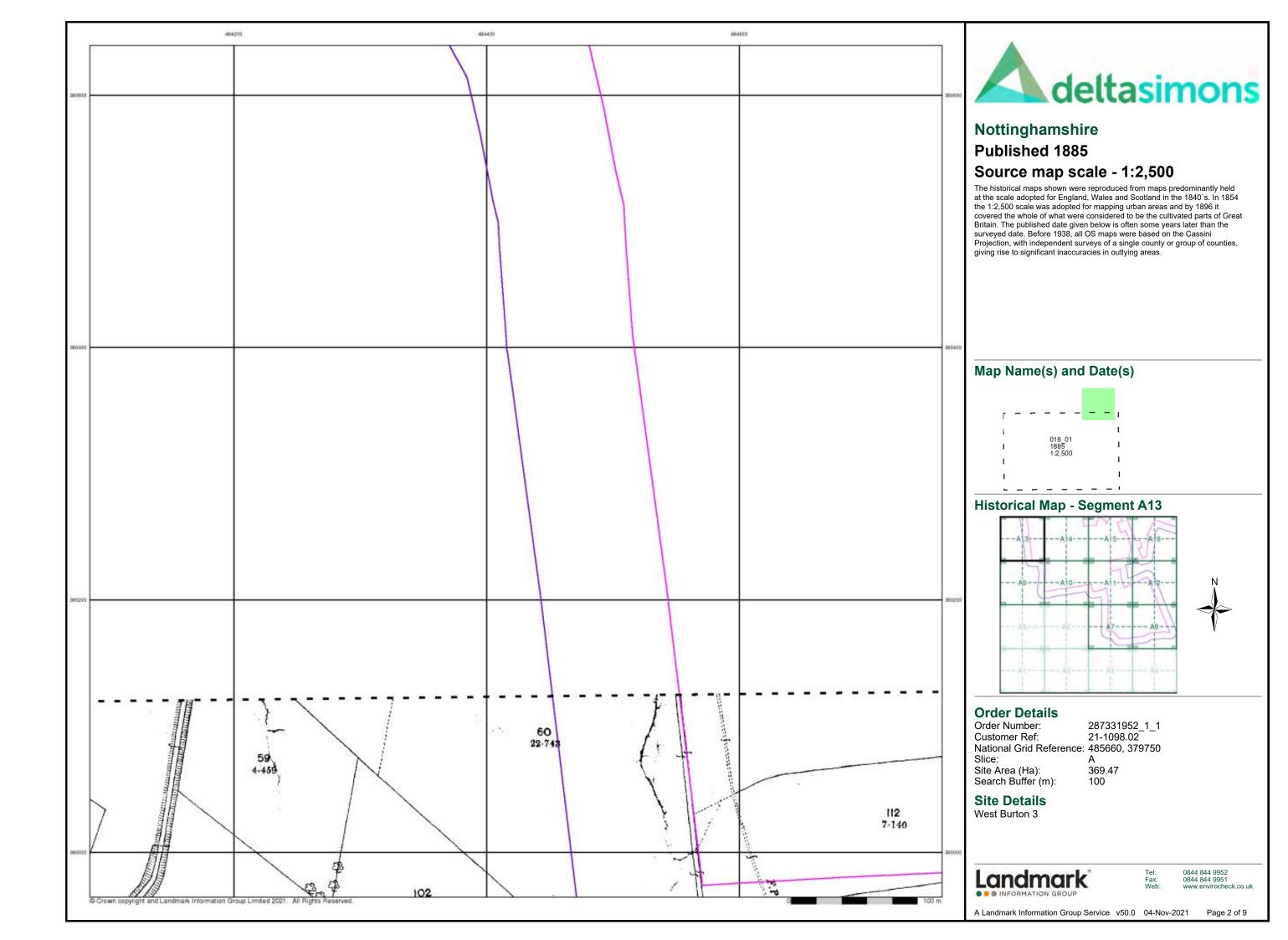
# **Site Details**

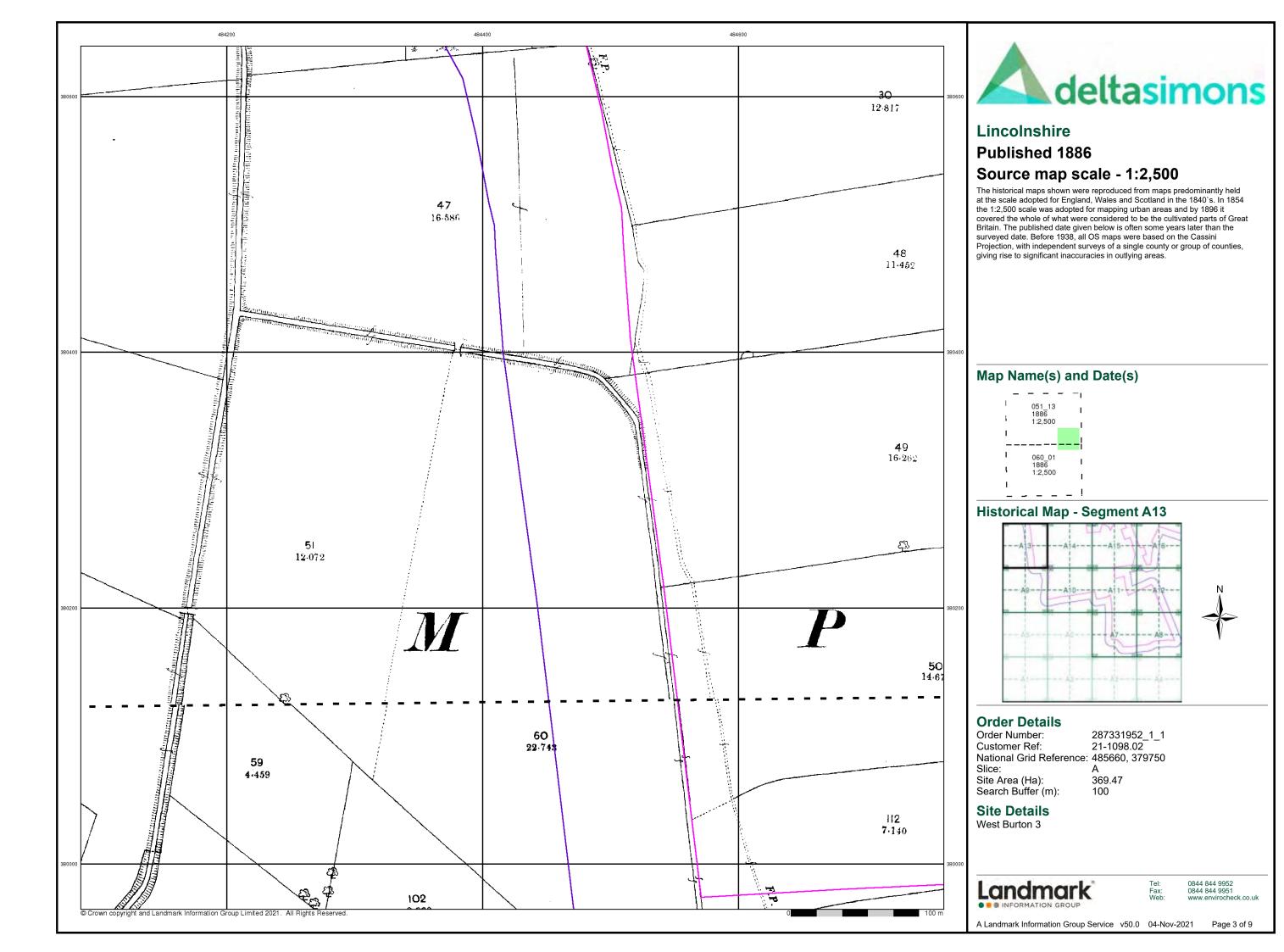
West Burton 3

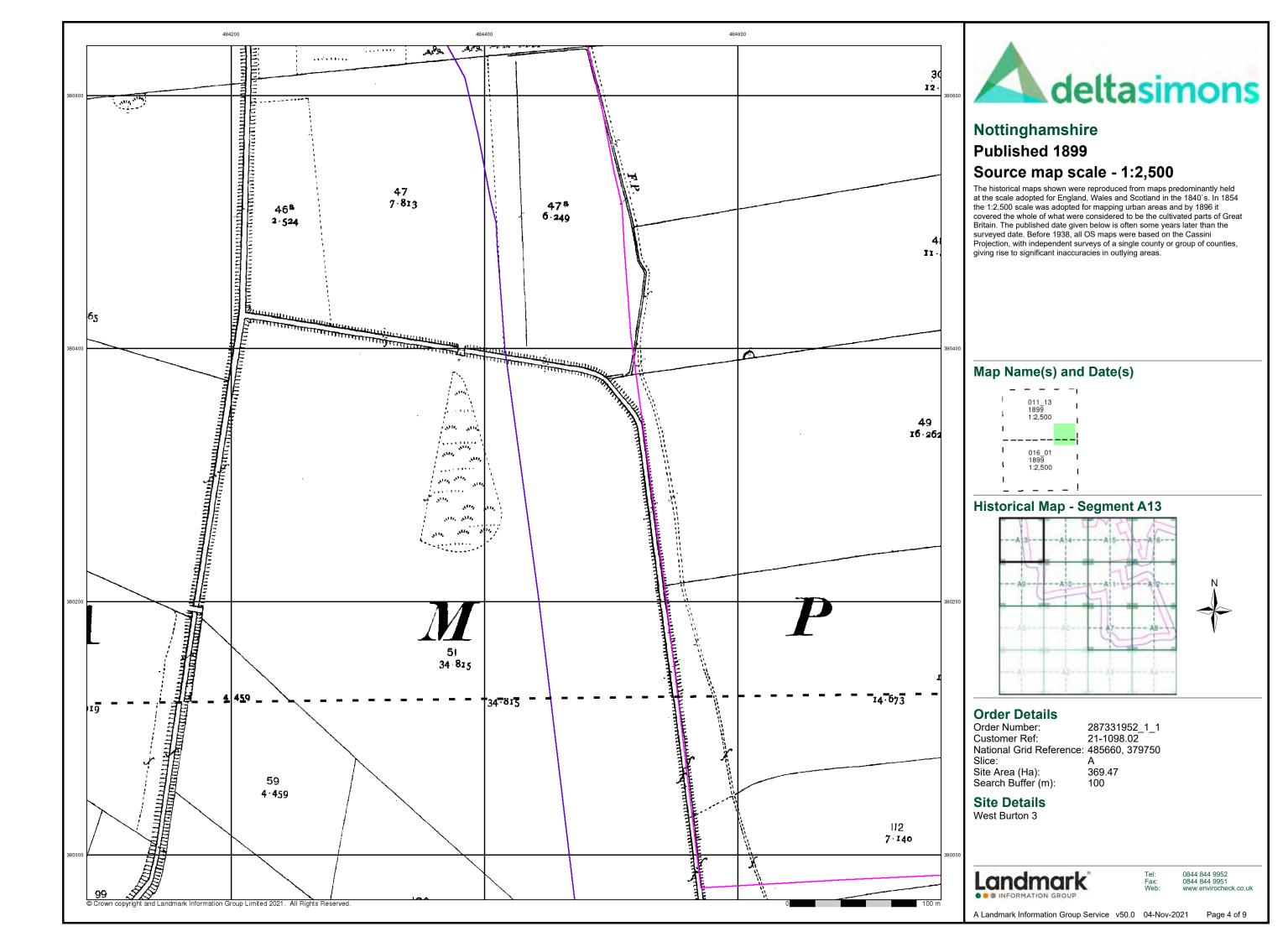


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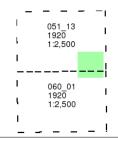


### Lincolnshire

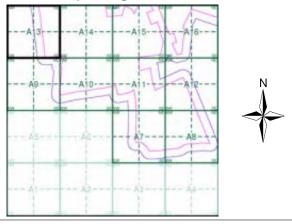
# Published 1920 Source map scale - 1:2,500

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

# Map Name(s) and Date(s)



# **Historical Map - Segment A13**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

e:

Site Area (Ha): 369.47 Search Buffer (m): 100

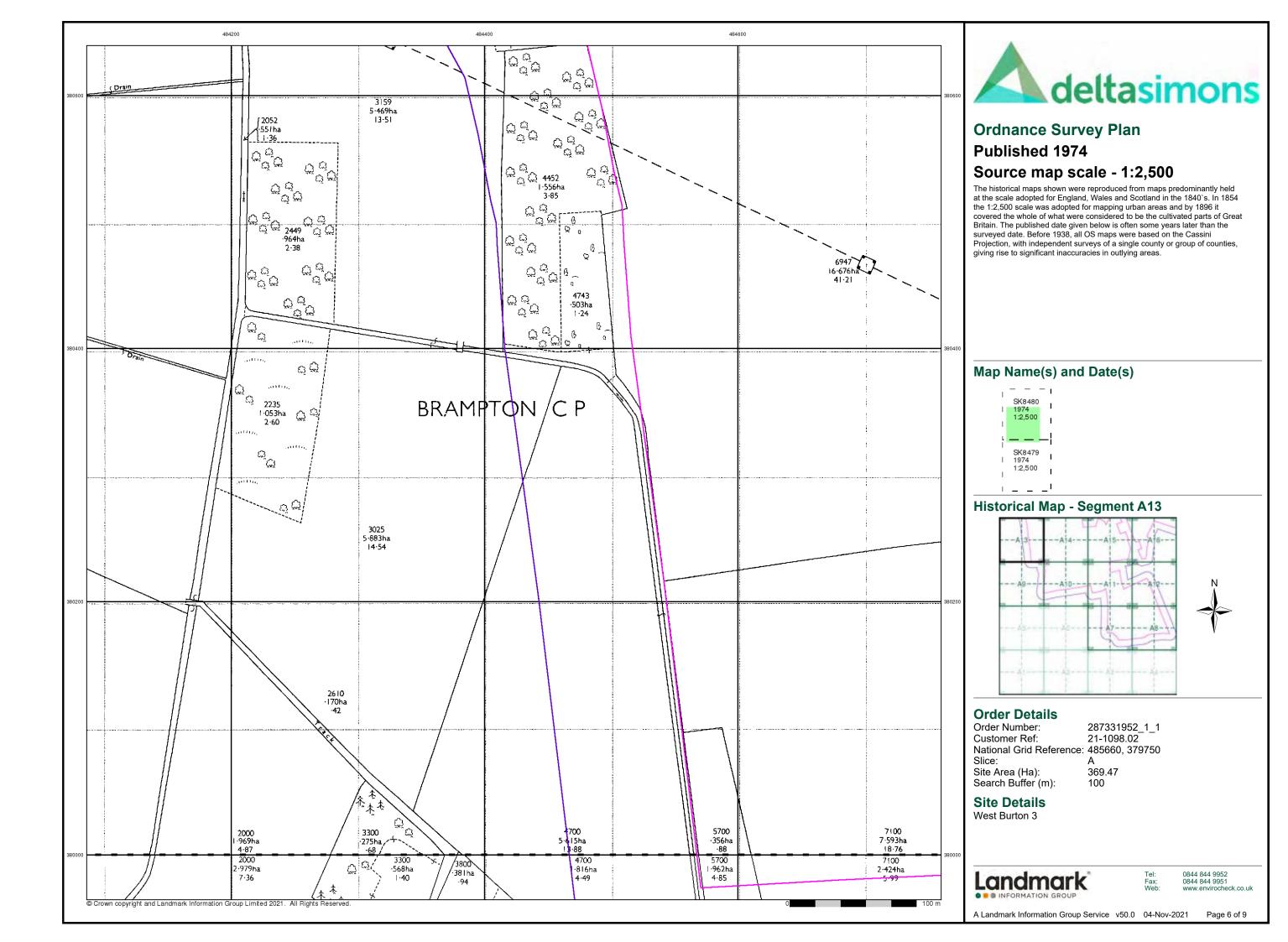
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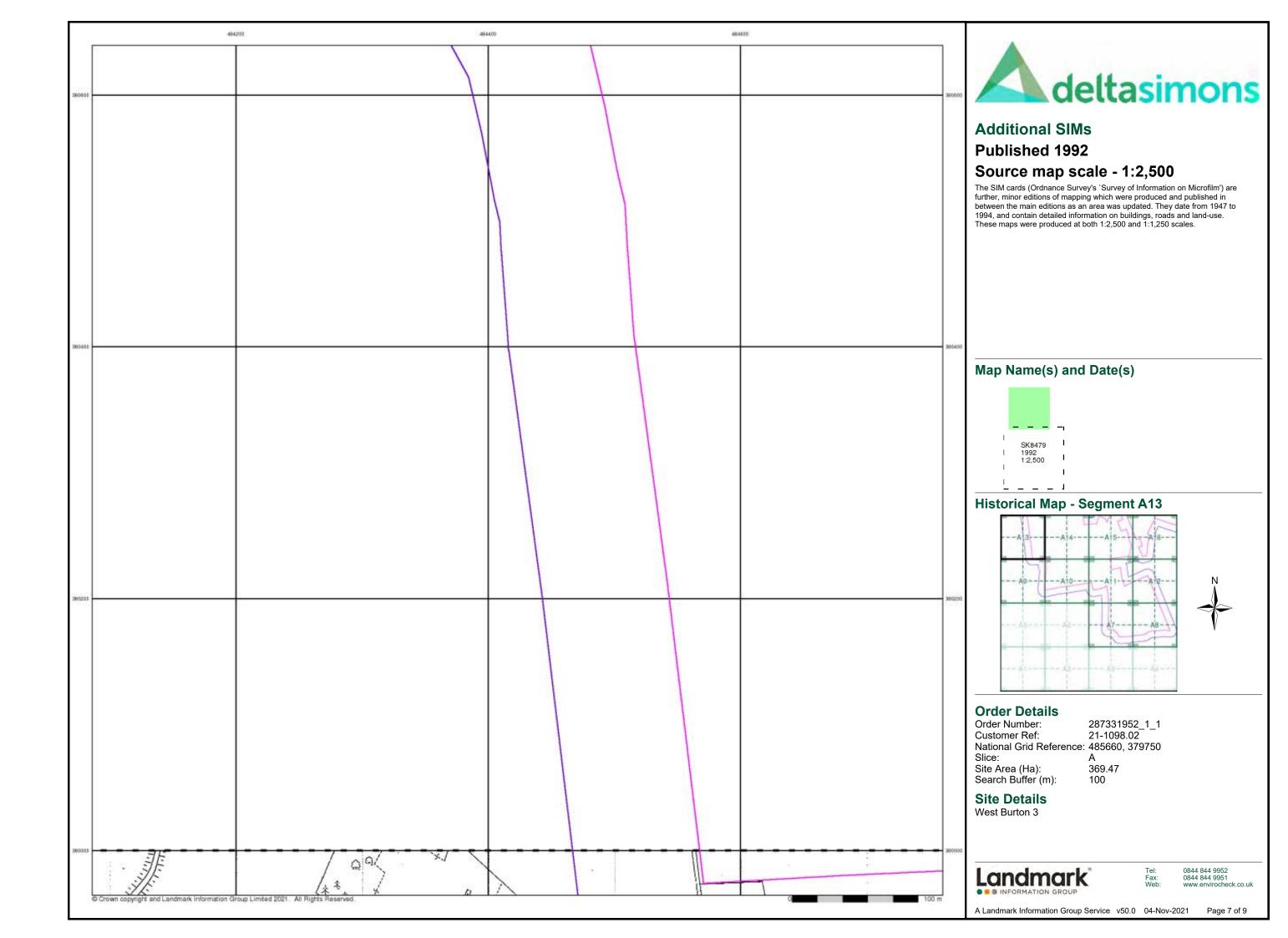
West Burton 3

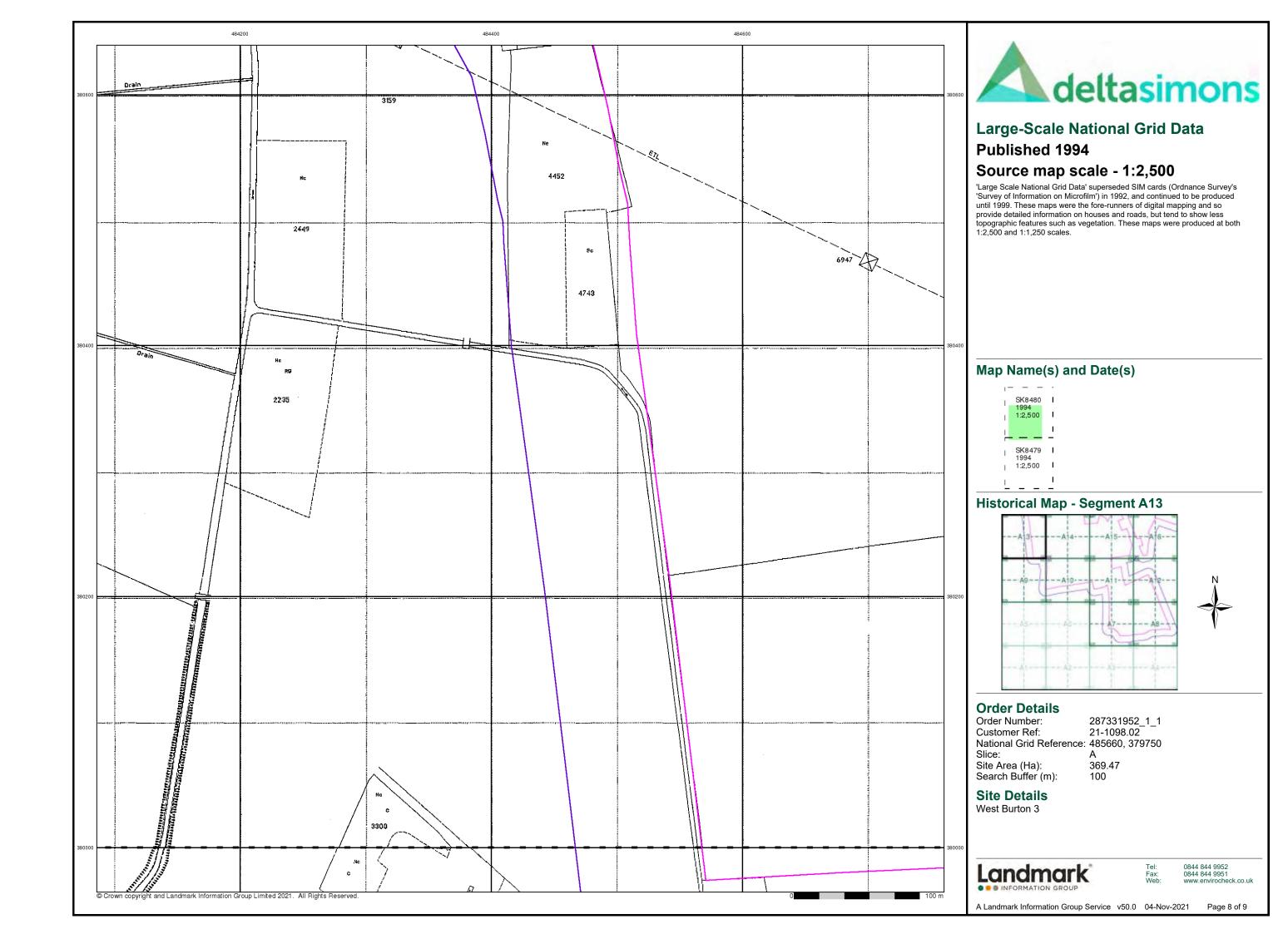


Tel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

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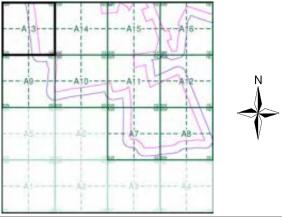






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

# **Historical Aerial Photography - Segment A13**





### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

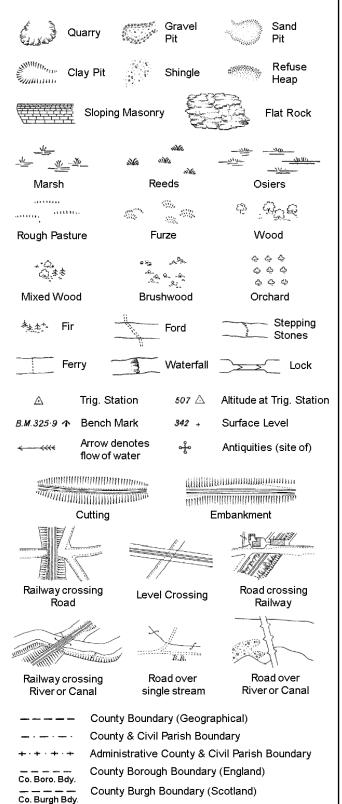
**Site Details** 

West Burton 3

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

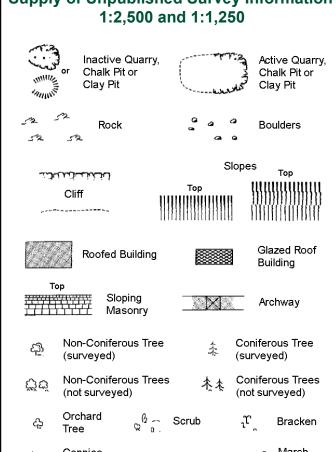
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Marsh, Coppice, Reeds Saltings Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slopes Top			
لانتبانين			Тор	1111111	Top 	
C	liff	!!!!	111111111111111111		!!!!!!!!!) <b>!</b>	
-		1111	111111111111111111111111111111111111111		[[]]]]]]]	
523	Rock		7,3	Rock (so	cattered)	
	Boulders		<i>D</i>	Boulders	s (scattered)	
	Positioned	Boulder		Scree		
ረ ነን	Non-Conife (surveyed)	erous Tree	丰	Coniferd (surveye	ous Tree ed)	
C 3 C 5	Non-Conife (not surve)	erous Trees /ed)	<b>木</b> 木	Conifero (not sur	ous Trees veyed)	
45	Orchard Tree	Q a.	Scrub	Jr,	Bracken	
	Coppice, Osier	siNic,	Reeds 🛥	<u> ம</u>	Marsh, Saltings	
1000000	Rough Grassland	ntilli,	Heath	1	Culvert	
<del>),,, &gt;-</del>	Direction of water flo	Δ	Triangulatior Station	, ÷	Antiquity (site of)	
E <u>T</u> L	Electric	ity Transmis	sion Line	$\boxtimes$	Electricity Pylon	
<b>Ж</b> ВМ :	291.60m B	ench Mark		Building Building	gs with g Seed	
	Roofe	ed Building		251	azed Roof uilding	
		Civil parish	/community b	oundary		
		District bou	=	,		
_ •		County bou	ındarv			
٥		Boundaryp				
D		Boundary r	nereing symb ear in oppose			
Bks	Barracks		Р		le or Post	
Bty	Battery		PO	Post Offi		
Cemy	Cemetery		PC Pn		onvenience	
Chy Cis	Chimney Cistern		Pp Ppg Sta	Pump Pumping	Station	
Dismtd Rly		tled Railway	PW	Place of		
El Gen Sta		ity Generating	Sewage P	pg Sta S	ewage umping Station	
EIP	Electricity	Pole, Pillar	SB, S Br		ox or Bridge	
El Sub Sta	Electricity		SP, SL	_	ost or Light	
FB	Filter Bed		Spr	Spring		

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

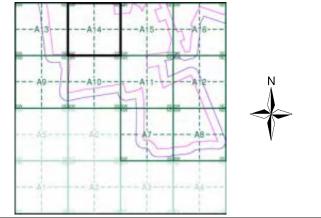
Mile Post or Mile Stone



# **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1885	2
Lincolnshire	1:2,500	1886	3
Nottinghamshire	1:2,500	1899	4
Lincolnshire	1:2,500	1906	5
Lincolnshire	1:2,500	1920	6
Ordnance Survey Plan	1:2,500	1974	7
Additional SIMs	1:2,500	1992	8
Large-Scale National Grid Data	1:2,500	1994	9
Historical Aerial Photography	1:2,500	1999	10

## **Historical Map - Segment A14**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485660, 379750 Slice: 369.47

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

**Site Details** West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

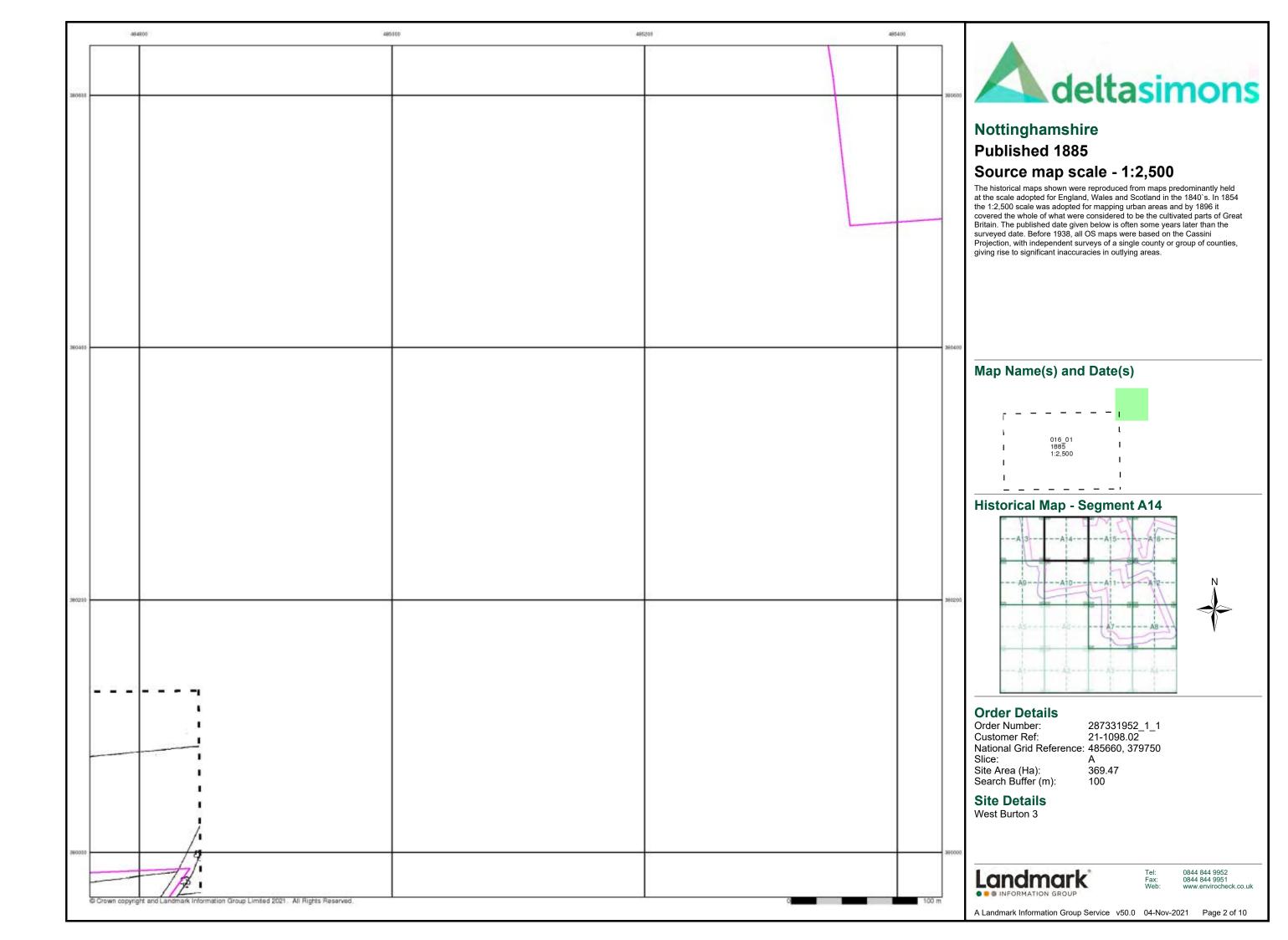
Wd Pp

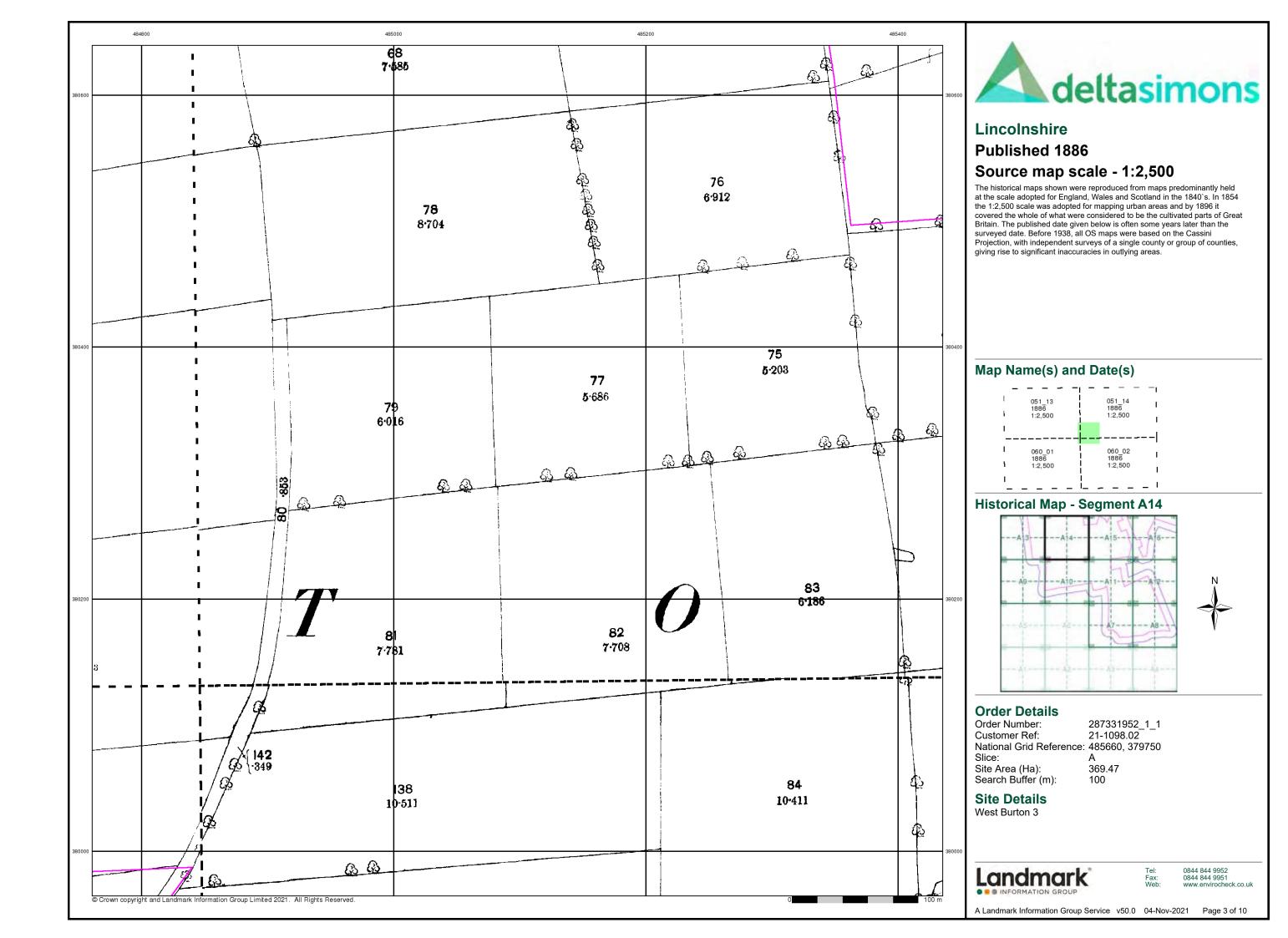
Wks

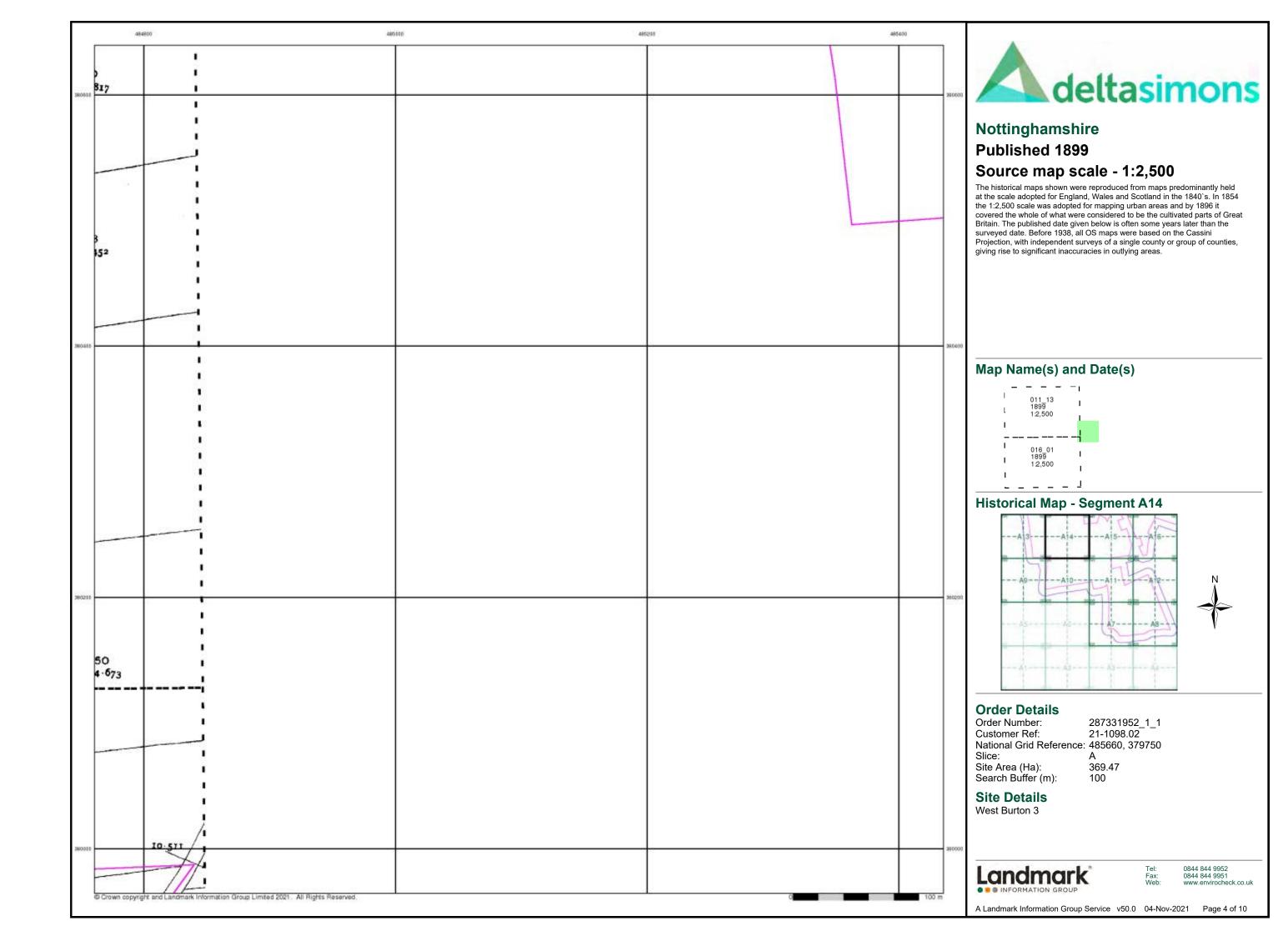


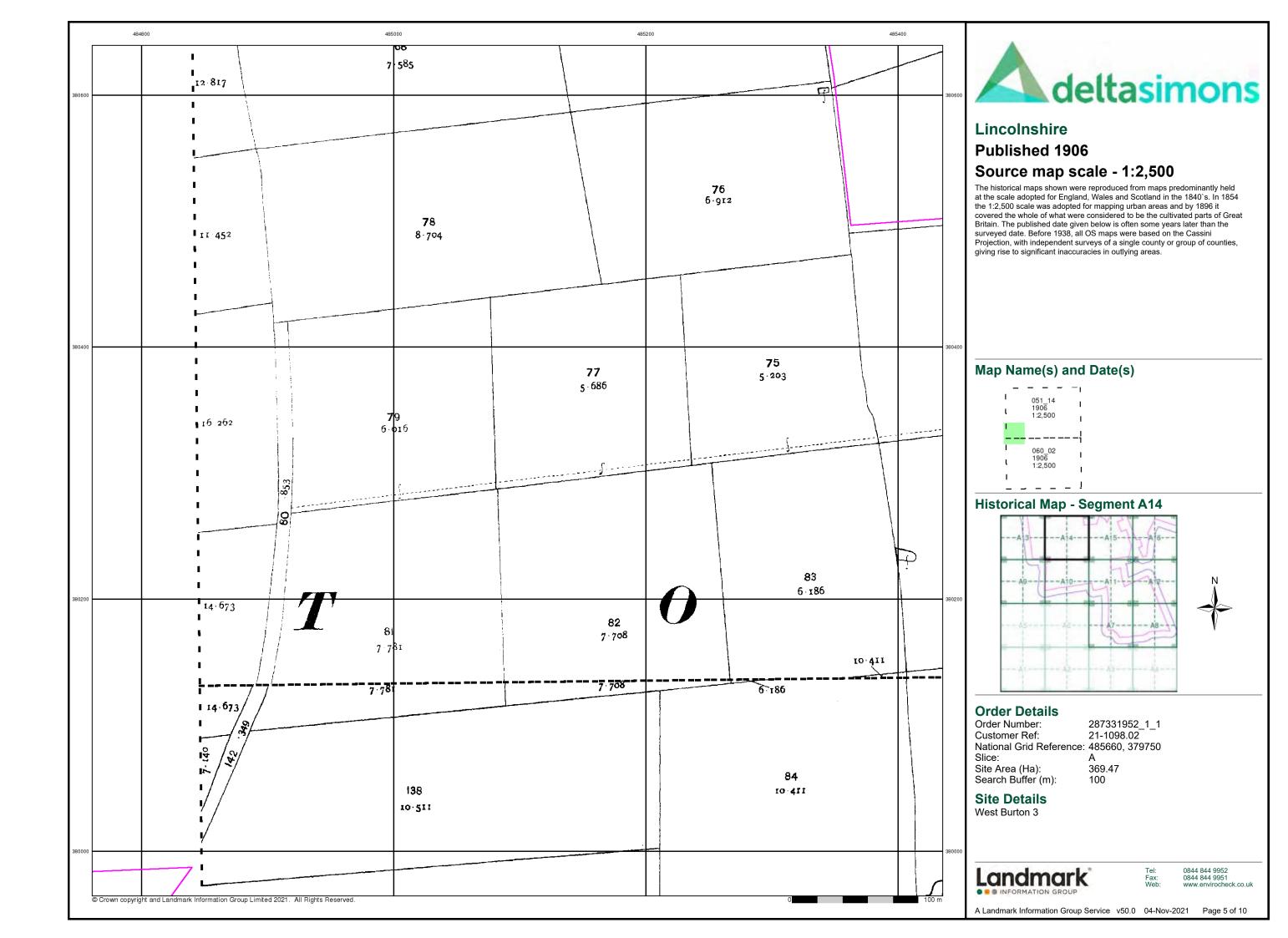
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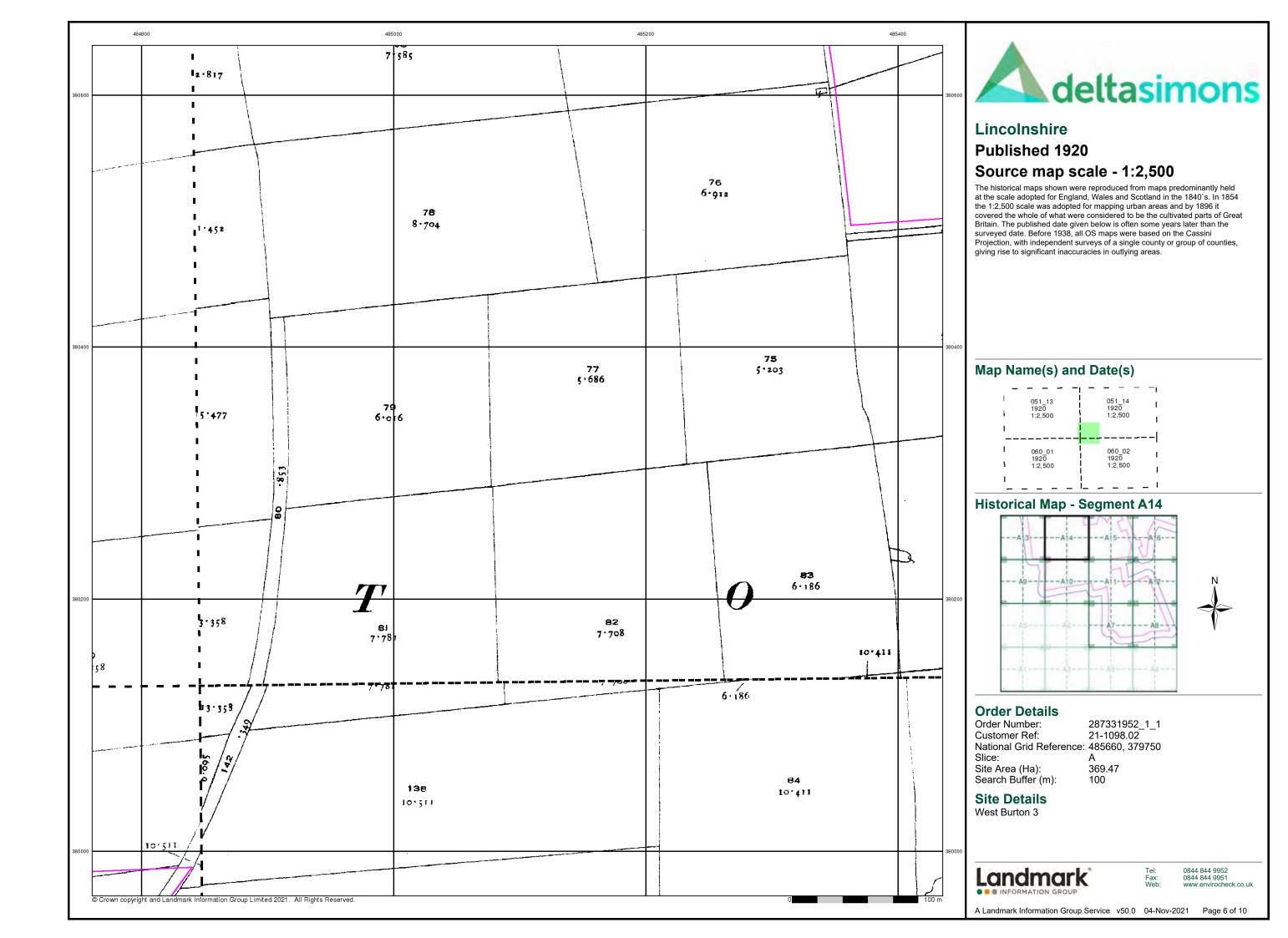
A Landmark Information Group Service v50.0 04-Nov-2021 Page 1 of 10

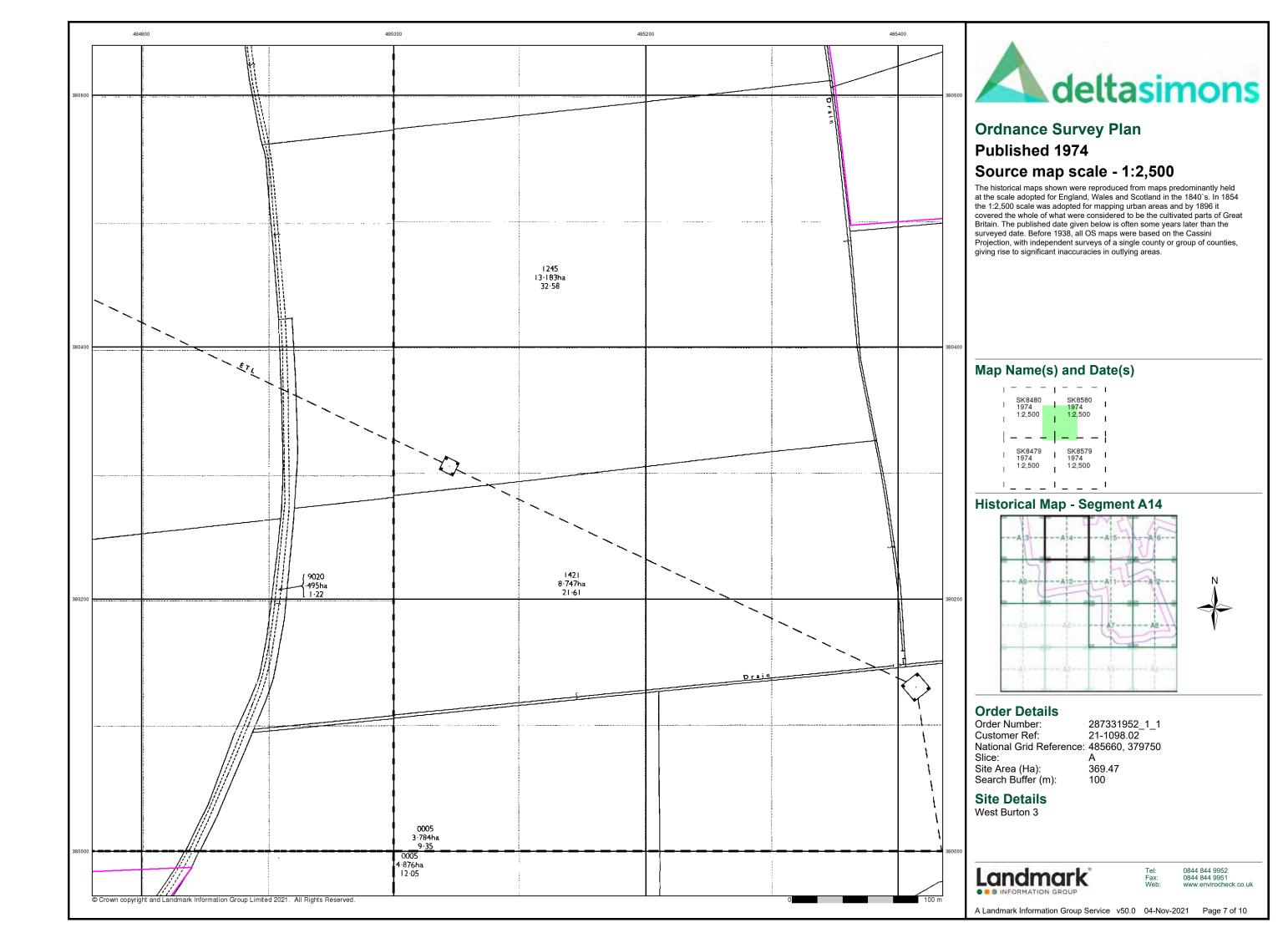


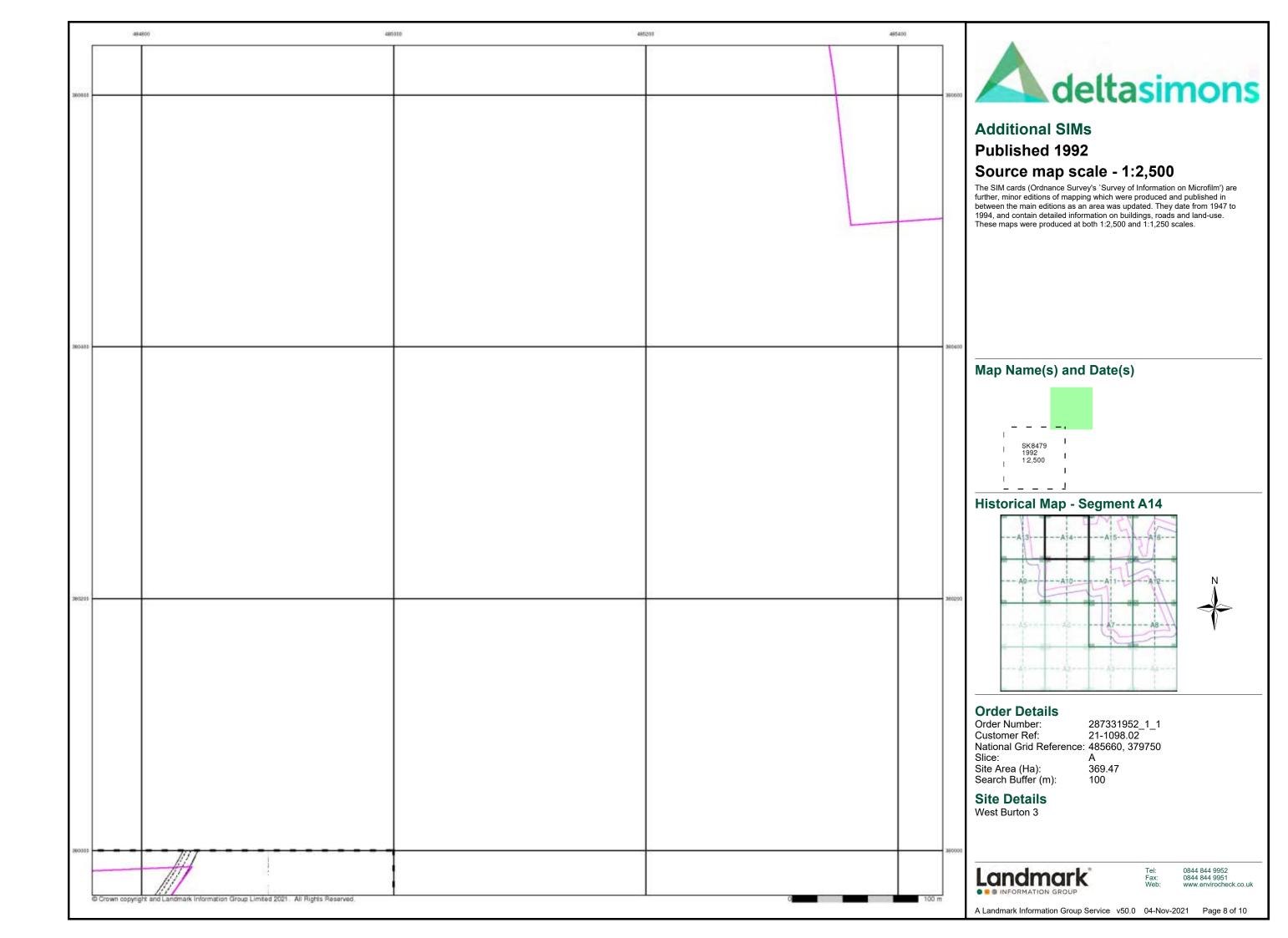


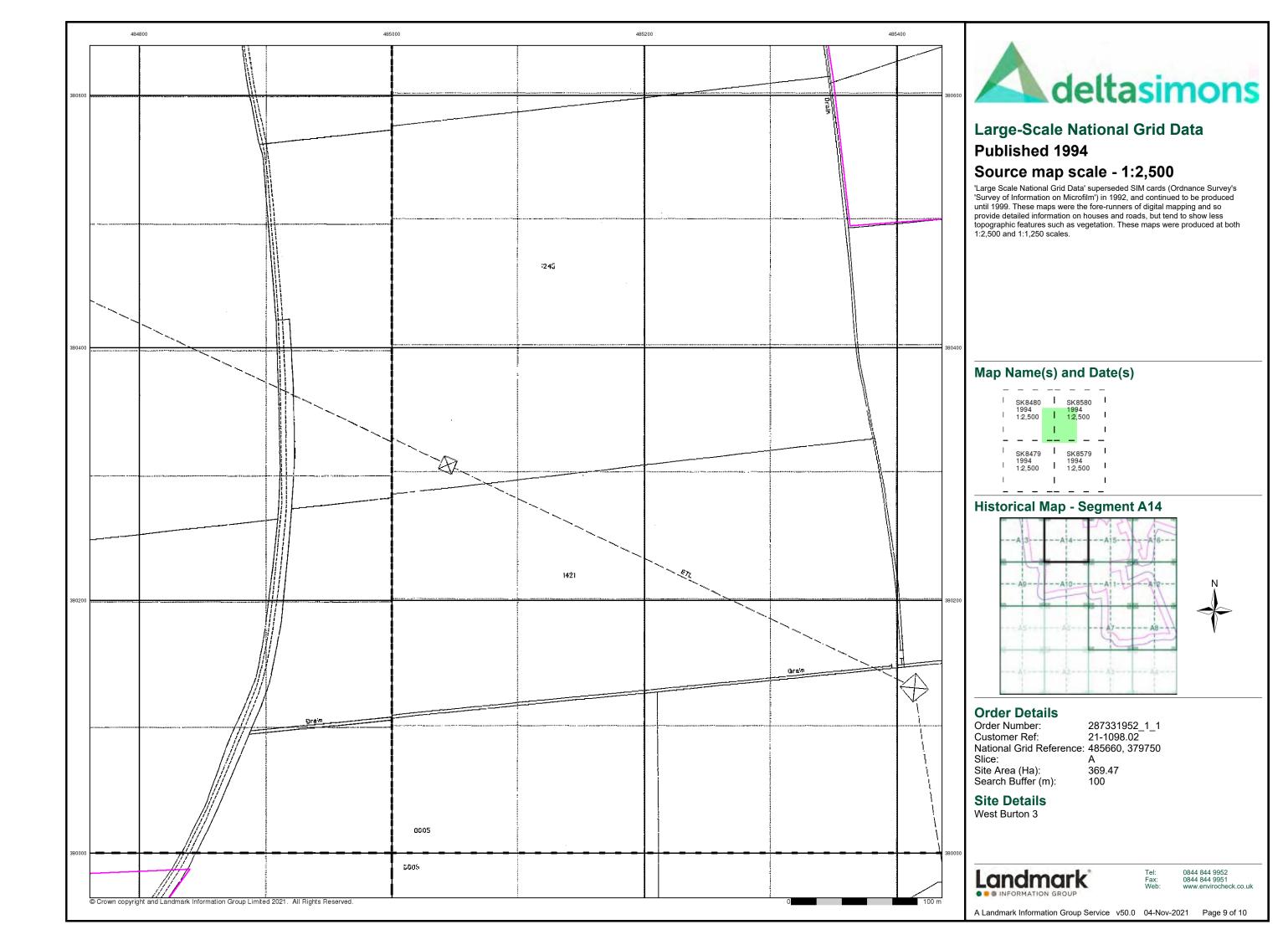


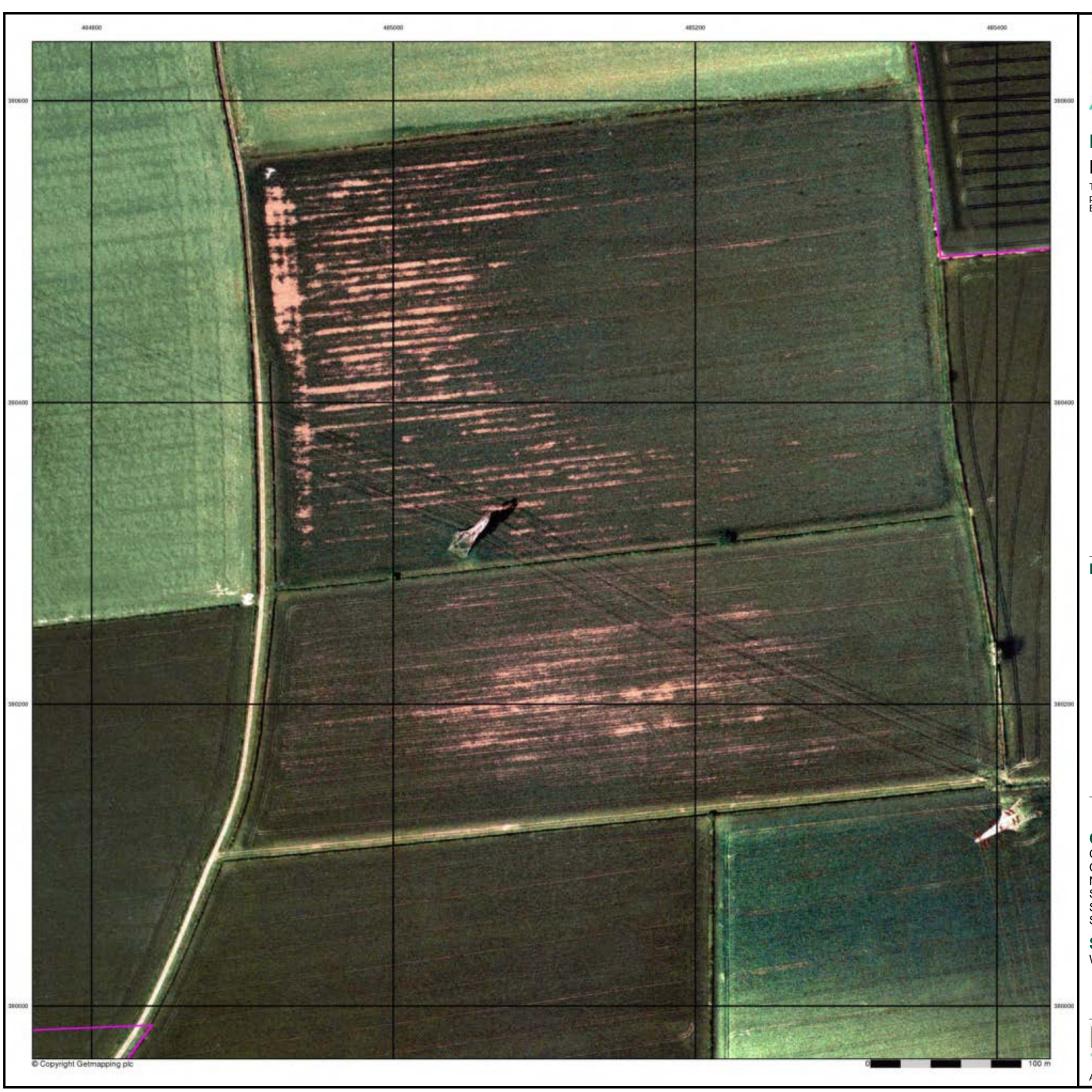










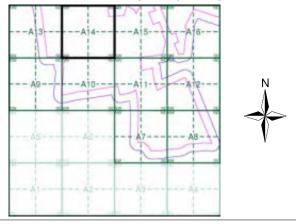




# **Historical Aerial Photography** Published 1999

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 A14**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

# **Site Details**

West Burton 3

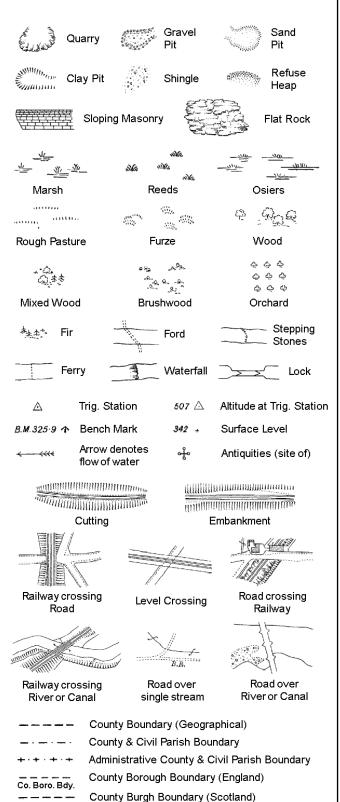
Landmark INFORMATION GROUP

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# **Historical Mapping Legends**

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



Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

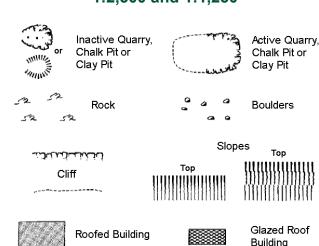
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Sloping Masonry

(surveyed)

Orchard

Coppice,

Rough

Grassland

Direction

Entrance

Cave

L B Bdy

Chy

D Fn

EIP

FAP

FB

LC

MP

MS

NTL

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

S.P

Sl.

 $T_T$ 

T.C.B

Beer House

Capstan, Crane

Drinking Fountain

Fire Alarm Pillar

Level Crossing

Normal Tidal Limit

Foot Bridge

Guide Post

Manhole

Electricity Pillar or Post

Hydrant or Hydraulic

Mile Post or Mooring Post

**Boundary Post or Stone** 

of water flow

(not surveyed)

ద్దిష

Non-Coniferous Tree

Non-Coniferous Trees

Ç o Scrub

Reeds

Bench

Station

Civil Parish Boundary

mereing changes

London Borough Boundary

РО

PH

SB, SB

SP. SL

Τk

TCB

TCP

Wd Pp

**Electricity Transmission Line** 

Triangulation

County Boundary (Geographical)

Admin. County or County Bor. Boundary

Symbol marking point where boundary

Pillar, Pole or Post

Public Convenience

Signal Box or Bridge

Signal Post or Light

Telephone Call Box

Telephone Call Post

Water Point, Water Tap

Post Office

Public House

Pump

Spring

Trough

Wind Pump

Tank or Track

County & Civil Parish Boundary

ш_и Heath

Archway Coniferous Tree

> (surveyed) Coniferous Trees (not surveyed)

Bracken

Marsh, Saltings Culvert

Antiquity (site of) Electricity ÷

Roofed Building

**Building Seed** Glazed Roof

**Buildings** with

 $\boxtimes$ 

Building

Civil parish/community boundary District boundary

1:1,250

Cliff

Rock

Boulders

(surveyed)

(not surveyed)

Orchard

Coppice,

Rough

Grassland

Direction

BM 231.60m

of water flow

දු

Positioned Boulder

Non-Coniferous Tree

Non-Coniferous Trees

Scrub

www. Heath

Δ

**Electricity Transmission Line** 

Bench Mark

Reeds

Triangulation

Slopes

52

Rock (scattered)

Coniferous Tree

Coniferous Trees

Bracken

Marsh,

Saltings

Culvert

Antiquity

(site of)

Electricity

(not surveyed)

(surveyed)

Boulders (scattered)

County boundary Boundary post/stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups

Bks	Barracks	Р	Pillar,	Pole or Post
Bty	Battery	PO	Post 0	Office
Cemy	Cemetery	PC	Public	Convenience
Chy	Chimney	Pp	Pump	
Cis	Cistern	Ppg Sta	Pumpi	ing Station
Dismtd Rly	Dismantled Railway	PW	Place	ofWorship
El Gen Sta	Electricity Generating Station	Sewage Pp	g Sta	Sewage Pumping Station
EIP	Electricity Pole, Pillar	SB, S Br	Signa	l Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signa	l Post or Light
FB	Filter Bed	Spr	Spring	3
Fn/DFn	Fountain / Drinking Ftn.	Tk	Tank	or Track
Gas Gov	Gas Valve Compound	Tr	Troug	h
GVC	Gas Governer	Wd Pp	Wind	Pump
GP	Guide Post	Wr Pt, Wr T	Water	Point, Water Tap
МН	Manhole	Wks	Works	(building or area)

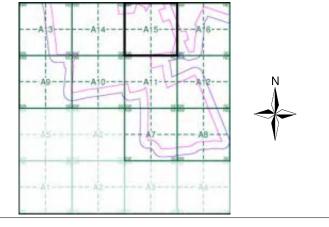
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A15**



### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice:

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

**Site Details** West Burton 3

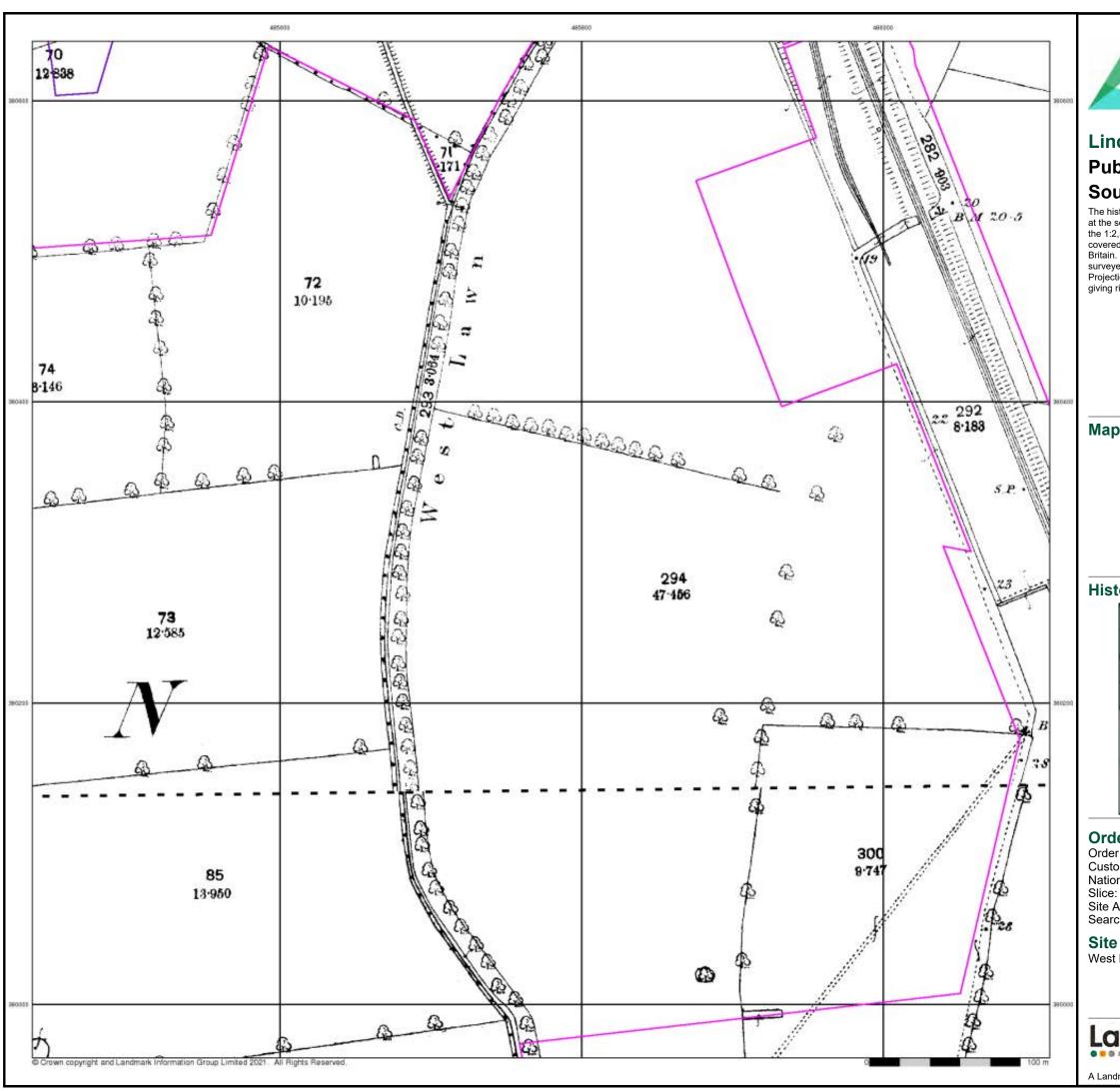


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Page 1 of 7

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369.47

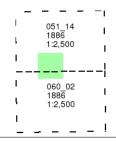




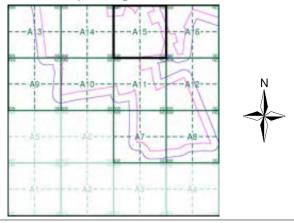
# Published 1886 Source map scale - 1:2,500

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 A15**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

(11.)

Site Area (Ha): 369.47 Search Buffer (m): 100

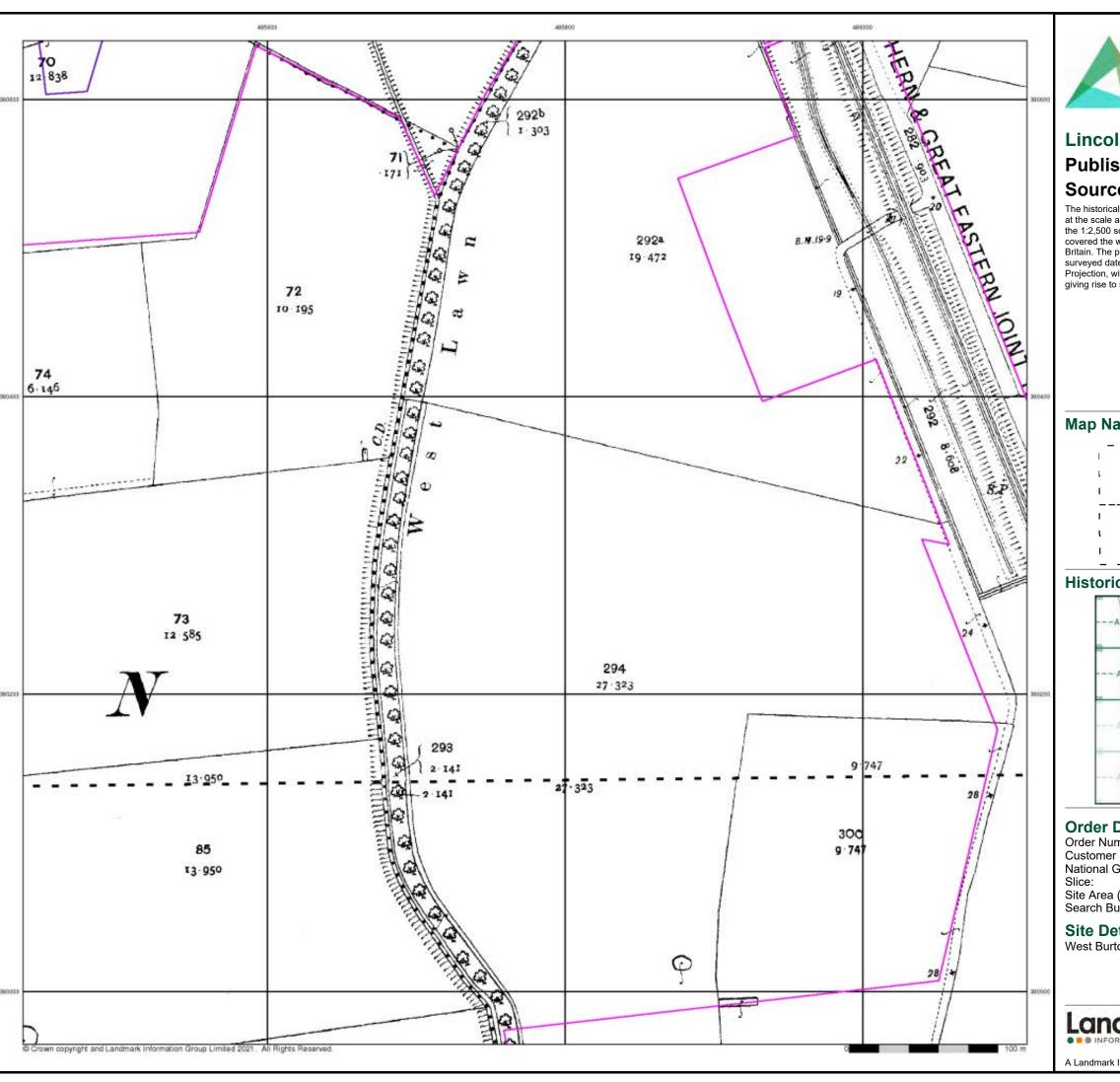
# **Site Details**

West Burton 3



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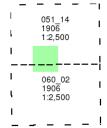




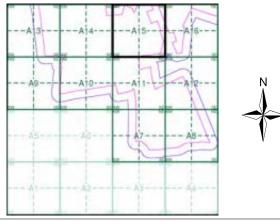
# Published 1906 Source map scale - 1:2,500

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 A15**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

Site Area (Ha): Search Buffer (m): 369.47

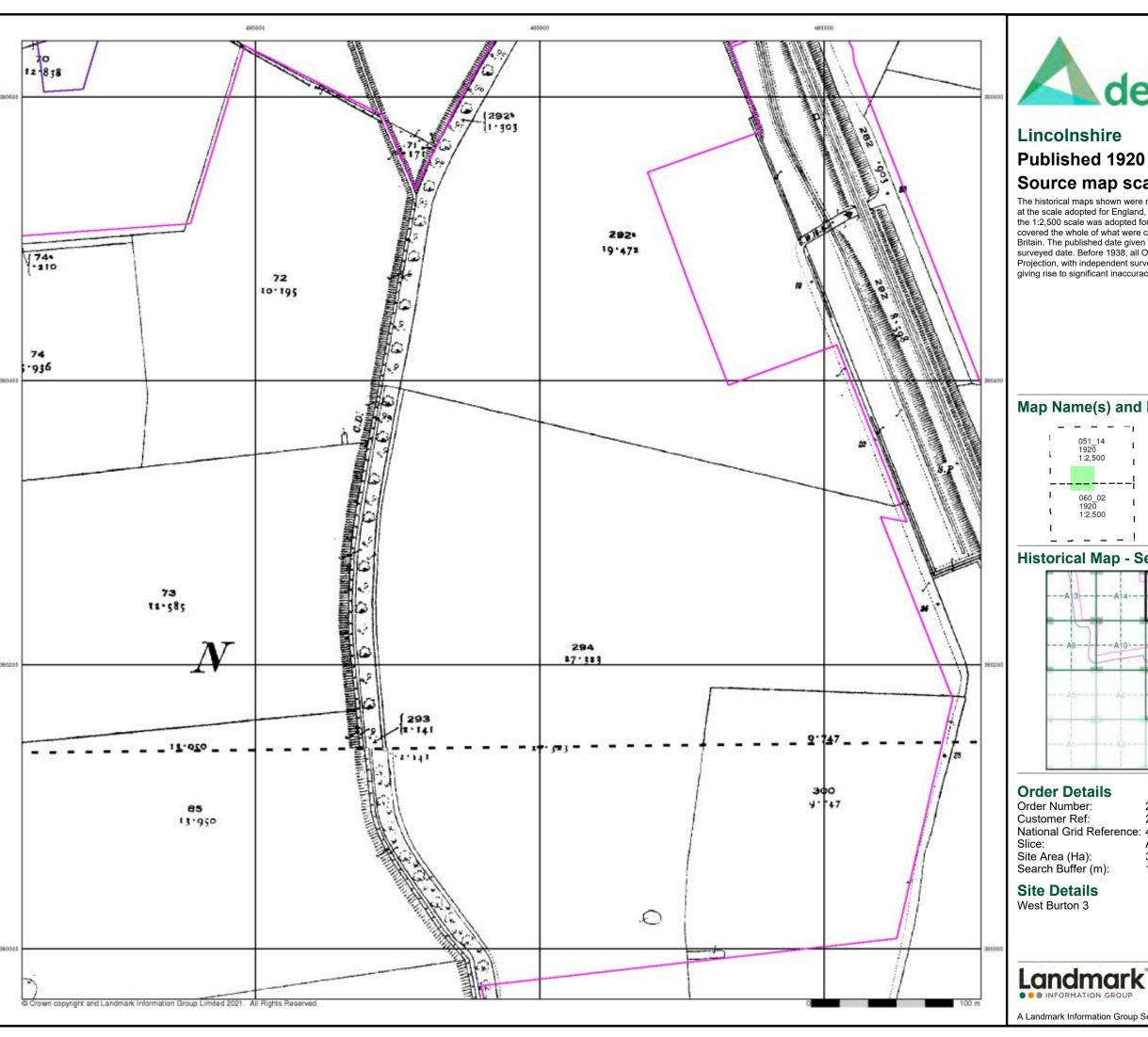
# **Site Details**

West Burton 3



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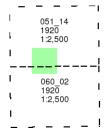




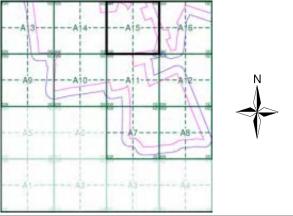
# Source map scale - 1:2,500

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 A15**



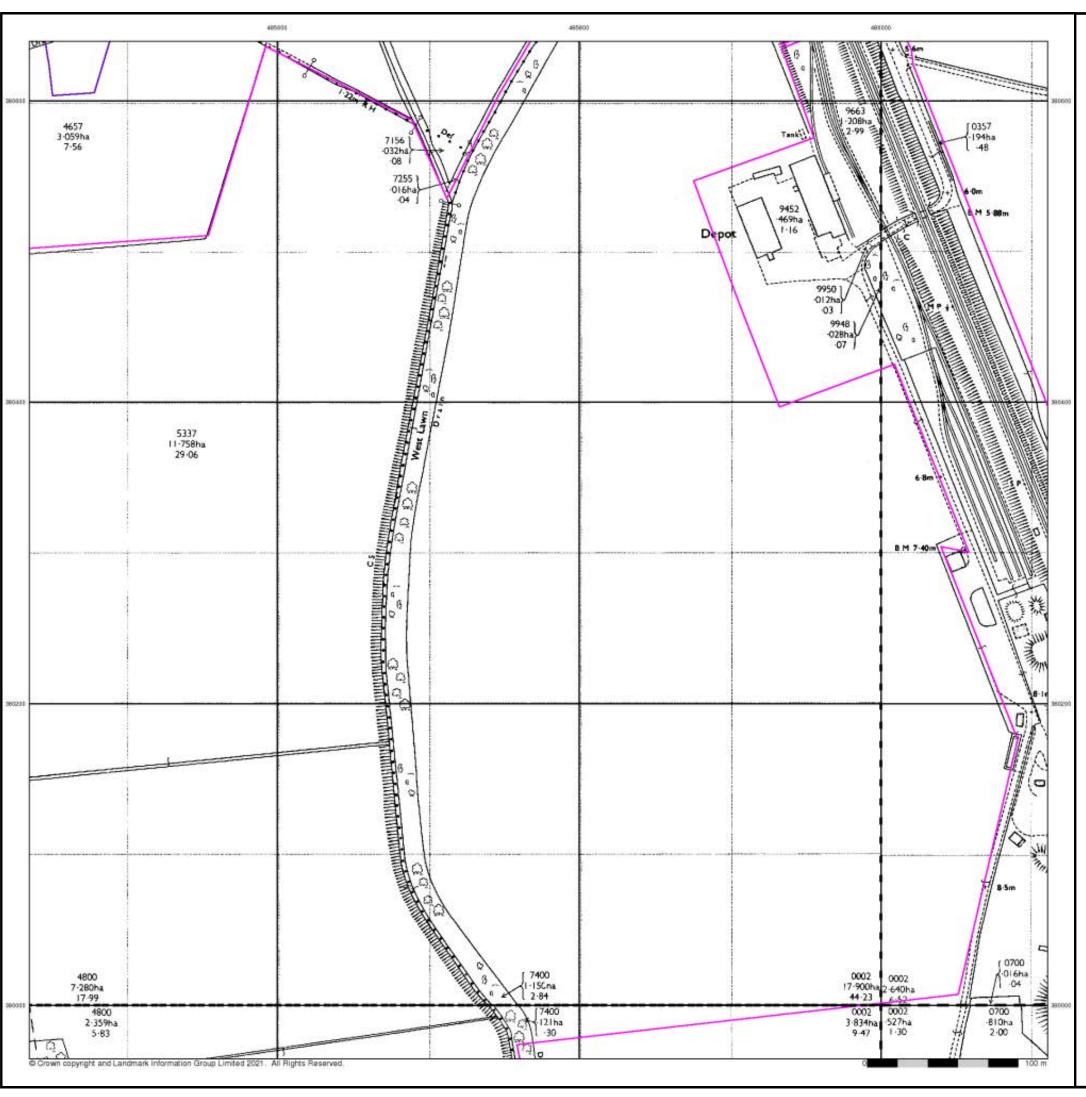
Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

369.47



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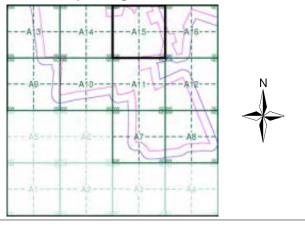
# **Ordnance Survey Plan Published 1974 - 1975** Source map scale - 1:2,500

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)

- 1		I		I
1	SK8580 1974	ı	SK8680 1975	ı
- 1	1:2,500	ī	1:2,500	ı
-		I		¦
1	SK8579 1974	ı	SK8679 1975	ı
1	1:2,500	I	1:2,500	ı
- 1		Ī		ı

# **Historical Map - Segment A15**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750 Slice:

Site Area (Ha): Search Buffer (m): 369.47

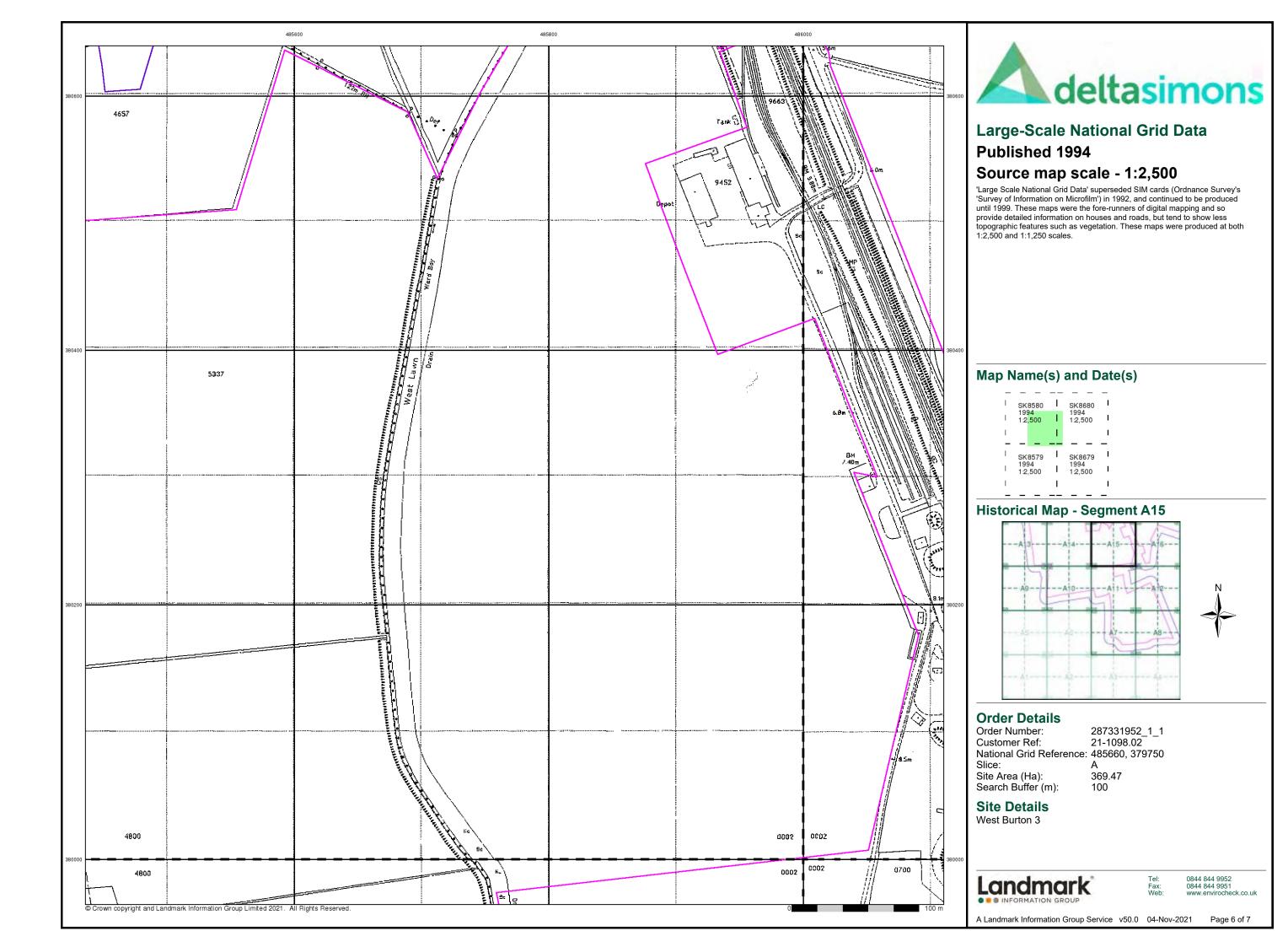
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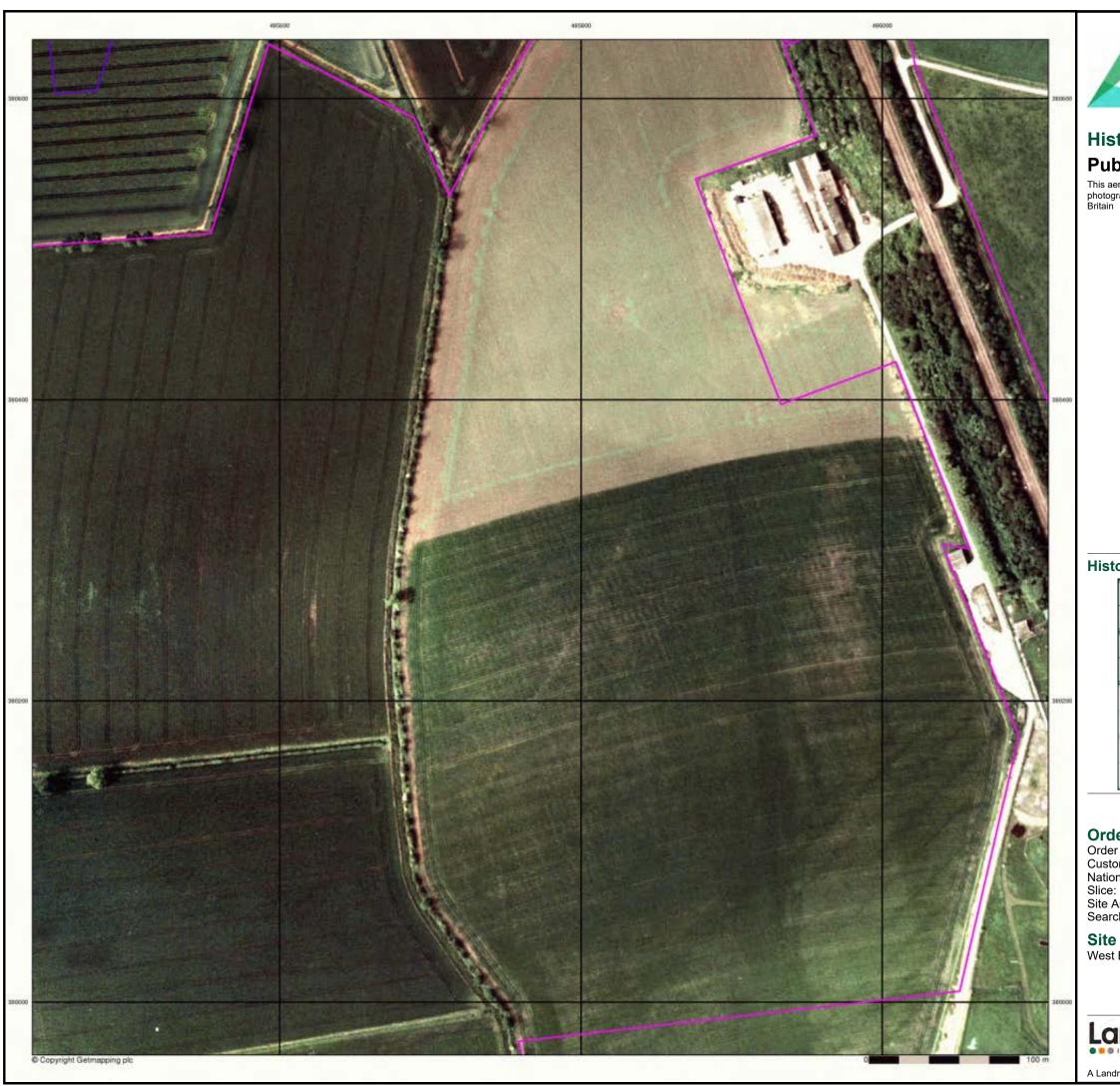
West Burton 3



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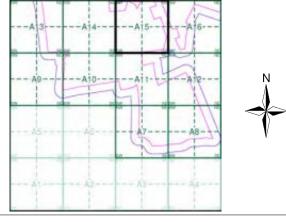




# Historical Aerial Photography Published 1999

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 A15**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

: A

Site Area (Ha): 369.47 Search Buffer (m): 100

Site Details
West Burton 3

Landmark*

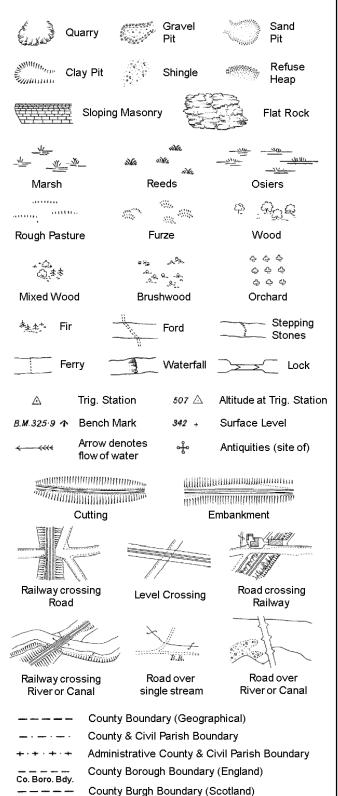
Tel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

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# **Historical Mapping Legends**

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

S.P

T.C.B

Sl.

 $T_T$ 

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

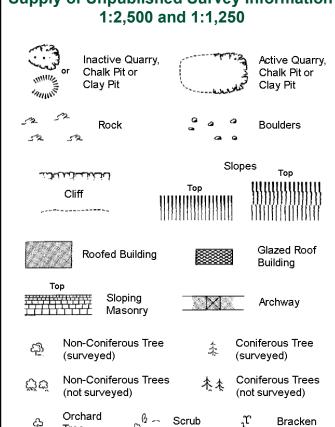
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250

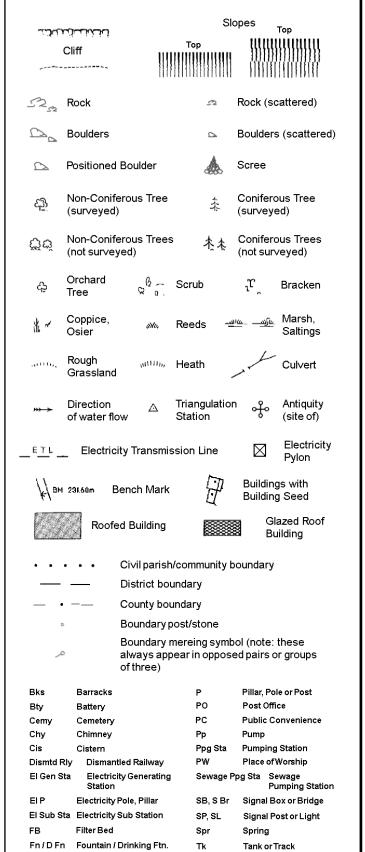


ွင့် Scrub డ్తి Marsh, Coppice, Reeds Saltings Rough Culvert Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation Entrance

E_TL	Electri	city Transmission	Line
		County Boundary	y (Geographical)
. —		County & Civil Pa	arish Boundary
		Civil Parish Bour	ndary
•	· <del></del> ·	Admin. County or	r County Bor. Boundary
- <del></del>	3dy <b>— —</b>	London Borough	Boundary
~ ×		Symbol marking properties and control of the second control of the	point where boundary
BN	Beer House	D	Pillar Pole or Post

вн	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250



Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

MP, MS

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

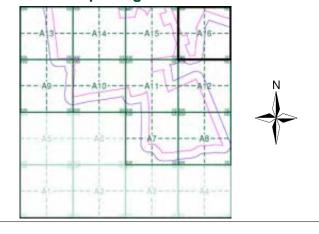
Works (building or area)



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

# **Historical Map - Segment A16**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 485660, 379750 Slice: 369.47

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

**Site Details** West Burton 3

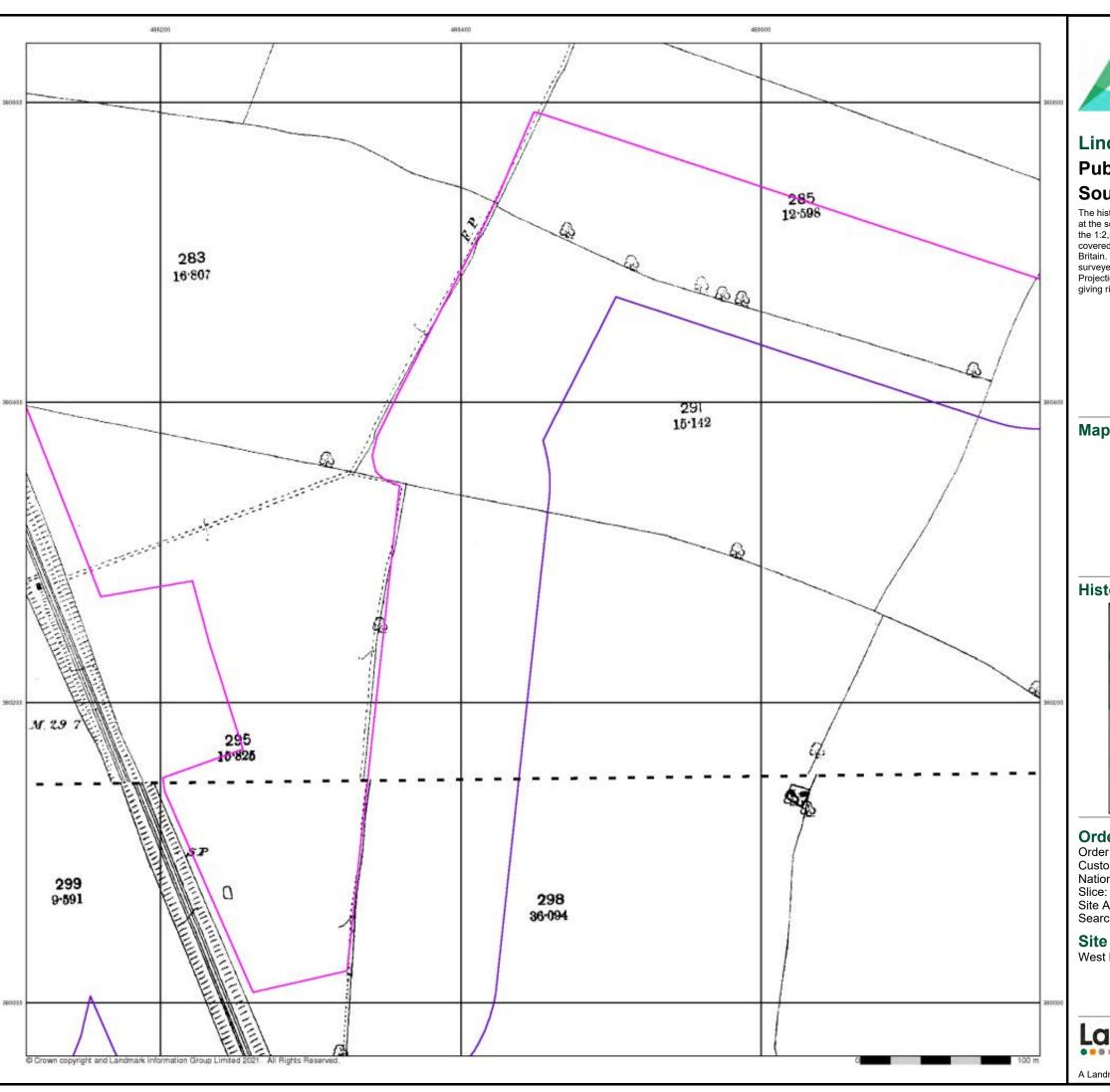


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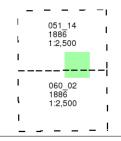




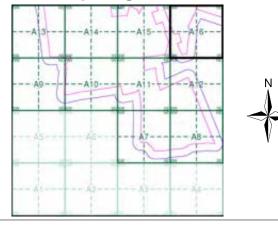
# Published 1886 Source map scale - 1:2,500

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 A16**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

(11.)

Site Area (Ha): 369.47 Search Buffer (m): 100

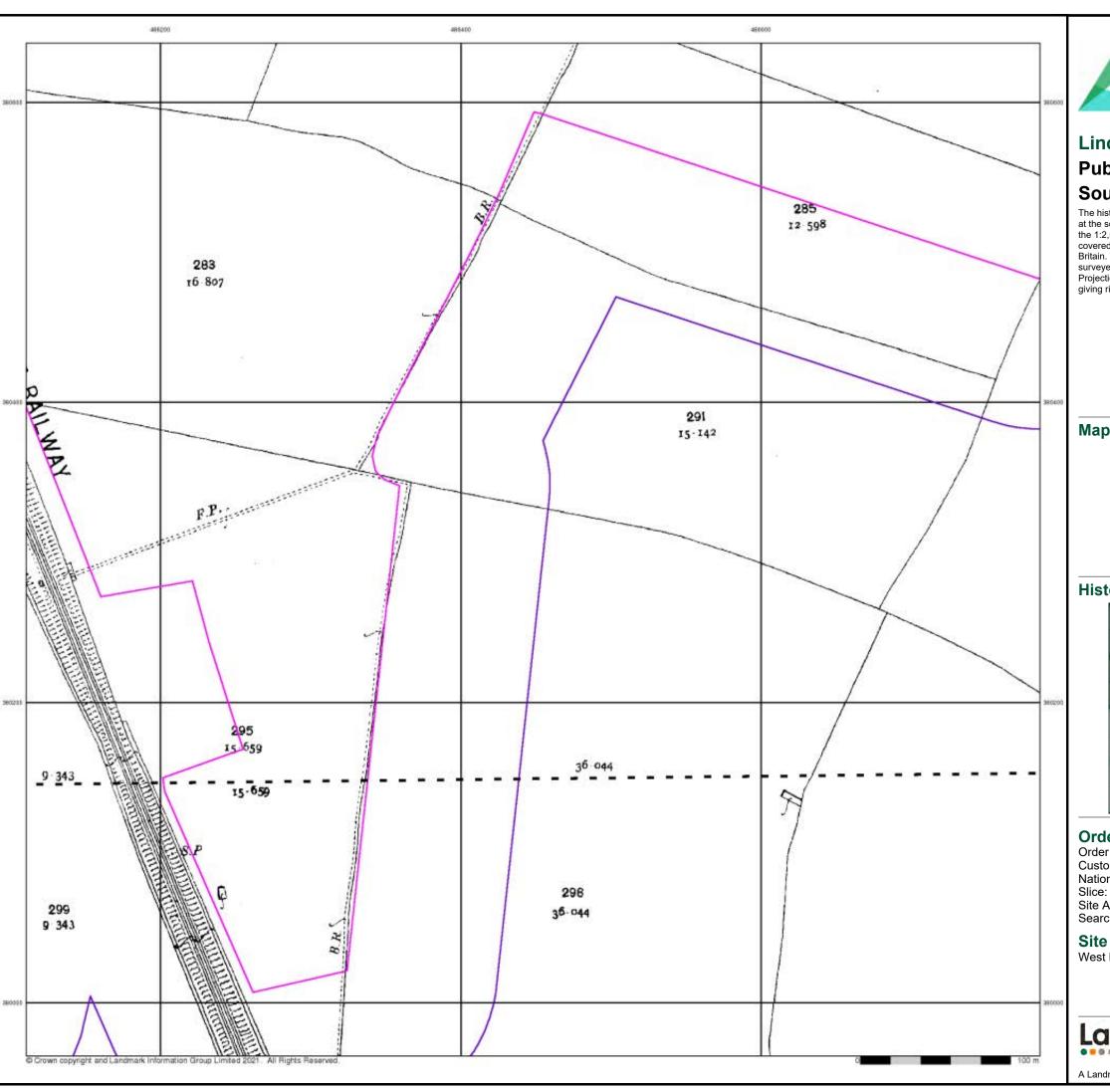
# **Site Details**

West Burton 3



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 2 of 7

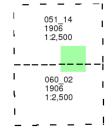




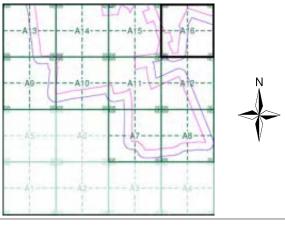
# Published 1906 Source map scale - 1:2,500

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 A16**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750
Slice: 4

A 20

Site Area (Ha): 369.47 Search Buffer (m): 100

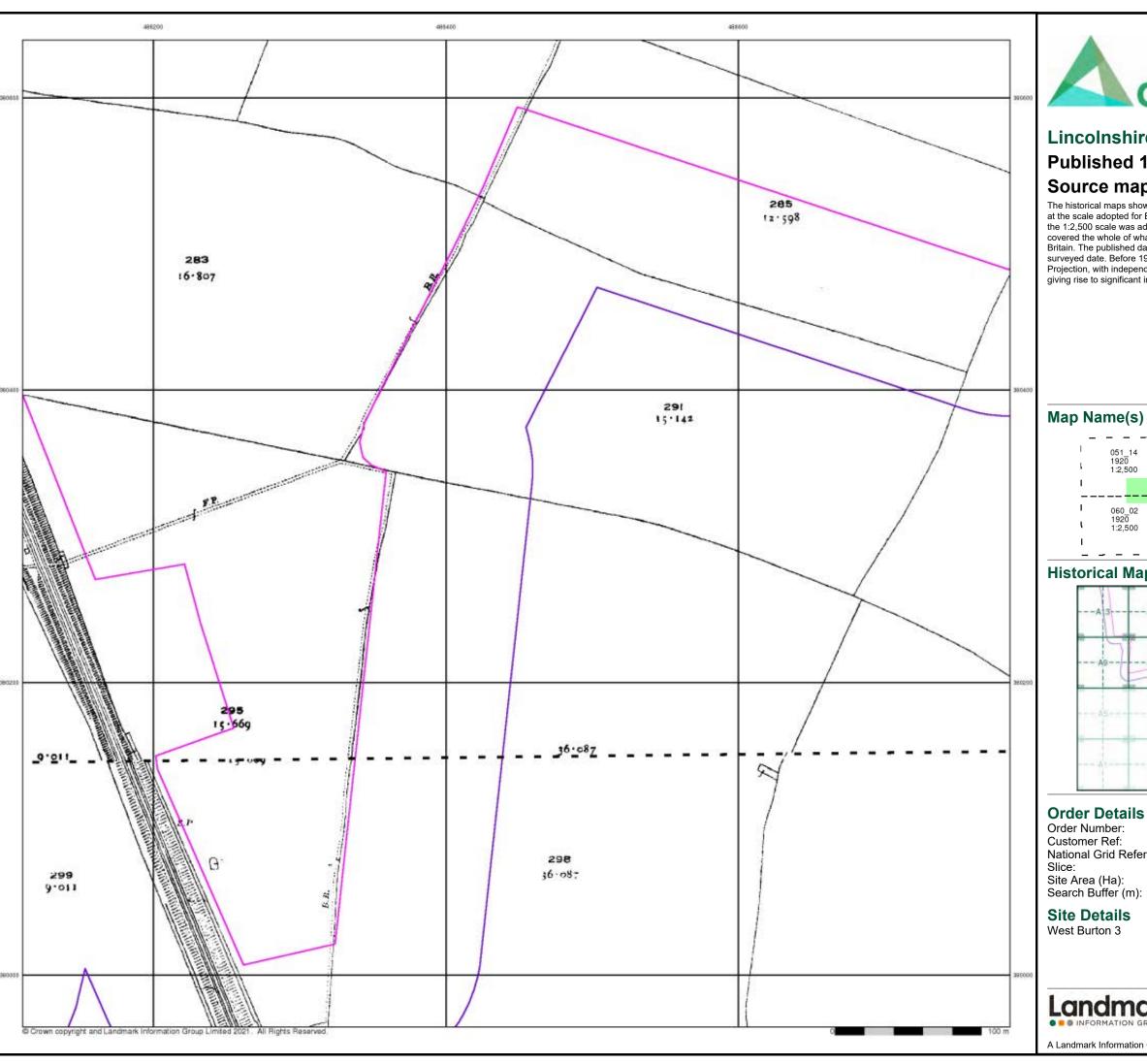
# **Site Details**

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 3 of 7

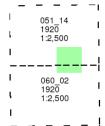




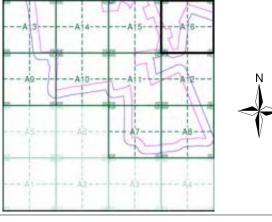
# Published 1920 Source map scale - 1:2,500

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 surveyes 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 A16**



#### **Order Details**

287331952_1_1 21-1098.02 Customer Ref: National Grid Reference: 485660, 379750

369.47

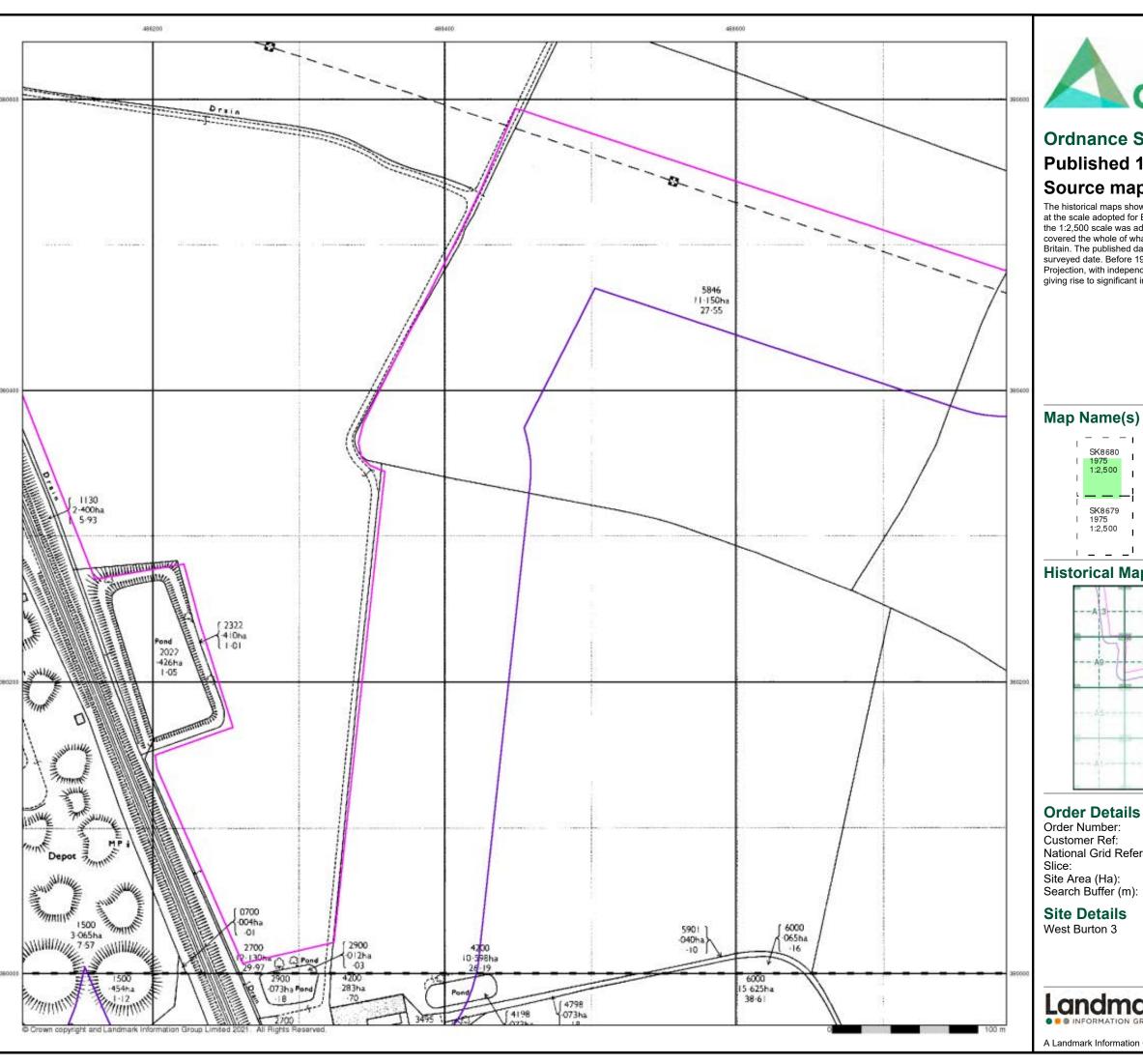
# **Site Details**



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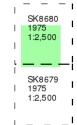




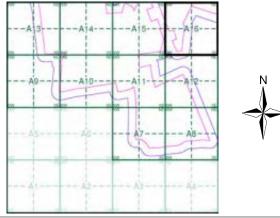
# **Ordnance Survey Plan Published 1975** Source map scale - 1:2,500

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 A16**



287331952_1_1 21-1098.02 National Grid Reference: 485660, 379750

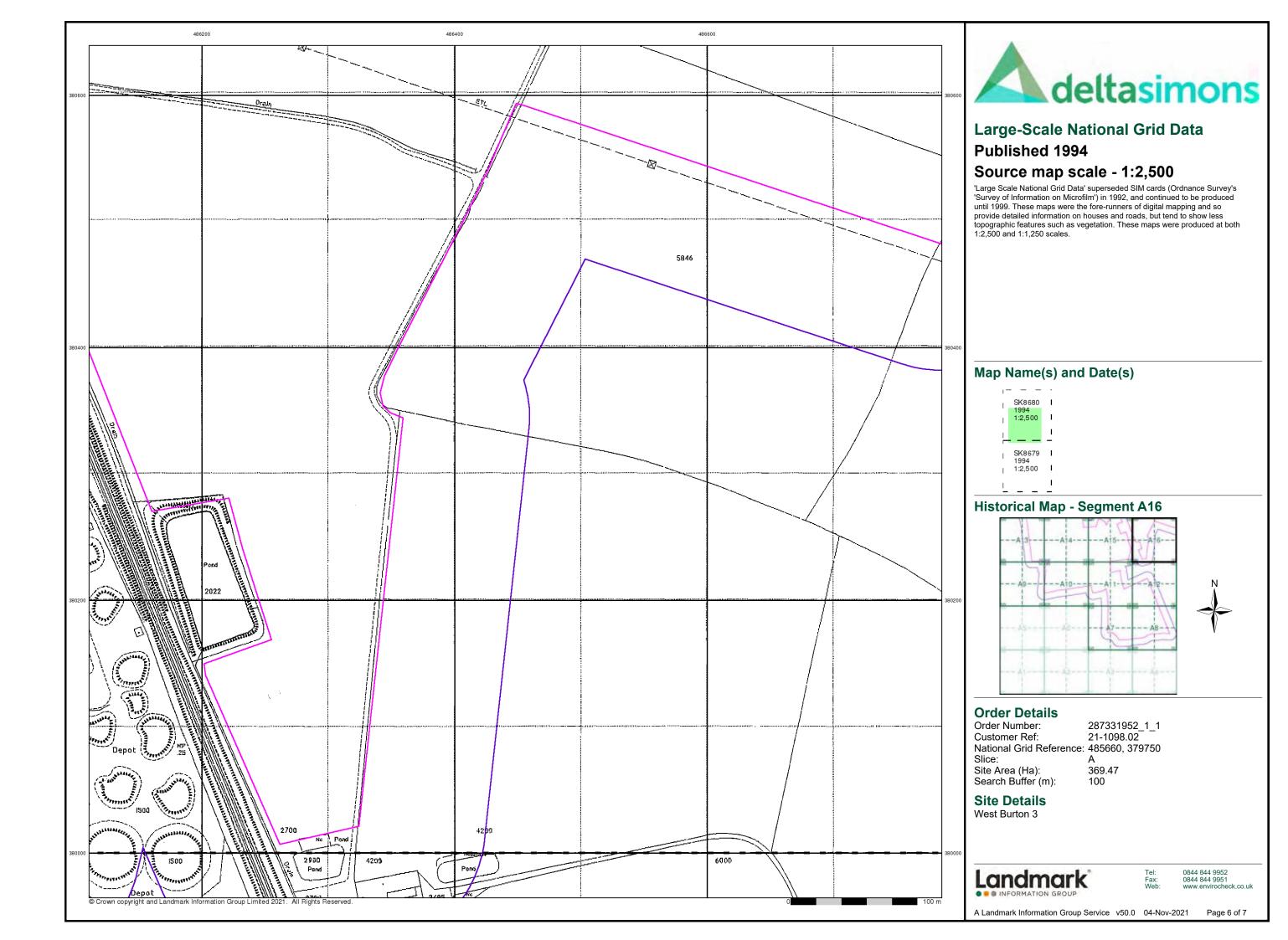
369.47

# **Site Details**



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A Landmark Information Group Service v50.0 04-Nov-2021



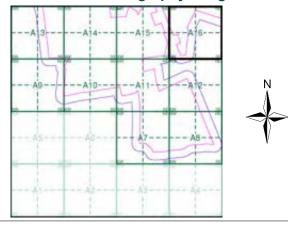




# Historical Aerial Photography Published 1999

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 A16**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485660, 379750

A 200

Site Area (Ha): 369.47 Search Buffer (m): 100

# **Site Details**

West Burton 3

Landmark*

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# **Historical Mapping Legends**

## Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

**Ordnance Survey County Series 1:10,560** 

### Ordnance Survey Plan 1:10,000

وسرسم	Chalk Pit, Clay Pit or Quarry	0 0 0 0 0 0	Gravel Pit
	Sand Pit		Disused Pit or Quarry
	Refuse or Slag Heap		Lake, Loch or Pond
	Dunes	0000	Boulders
<b>* * *</b>	Coniferous Trees	A A A	Non-Coniferous Trees
<b>ቀ</b> ቀ	Orchard no_	Scrub	∖Y₁v Coppice
។ ជ	Bracken	Heath ' '	7 7 7 Rough Grassland
<u> </u>	Marsh w///	Reeds -	<u>►</u> \$∠ Saltings
	Dire	ction of Flow of Wa	ater
**************************************	Building	1/~~	Shingle
	~	**//	
<b>223</b>	Glasshouse		Sand
<b>202</b>	Glassilouse	Pylon	
******	Sloping Masonry	Pole	Electricity Transmission Line
	*************		Standard Gauge
••			Multiple Track
Road''	.∐ '∏''' Road Lev	rel Foot	Standard Gauge Single Track
Under	Over Cros		3
			Siding, Tramway or Mineral Line
			Narrow Gauge
	Geographical Co     Administrative Cor County of Cit	County, County Bo	rough
	Municipal Borou	- ıgh, Urban or Rura	l District,
		t Council nor County Constit not coincident with oth	
	Civil Parish	not comendent with Off	or woundaries
		when coincidence of t	oundaries occurs
BB 50	Decomplement and the Office	D-101	
BP, BS Ch	Boundary Post or Stone Church		lice Station st Office
CH	Club House		blic Convenience
F E Sta	Fire Engine Station		blic House
FB	Foot Bridge	SB Sig	gnal Box
Fn	Fountain	Spr Sp	ring
		TOD T	Landa and Call David

**Guide Post** 

Mile Post

Mile Stone

TCB

TCP

Telephone Call Box

Telephone Call Post

# 1:10,000 Raster Mapping

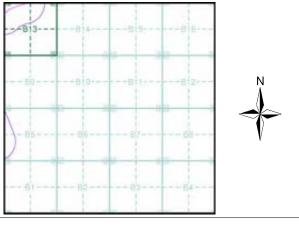
(EEE)	Gravel Pit	(EFF)	Refuse tip or slag heap
2 2 2 2	Rock	1 7	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
mm	Slopes	התהההה התבנהנה	Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
**	Area of wooded vegetation	مم مم	Non-coniferous trees
۵۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	Q	Positioned tree
φ φ φ φ	Orchard	R R	Coppice or Osiers
unte.	Rough Grassland	cellities	Heath
On_	Scrub	a <u>M</u> ta	Marsh, Salt Marsh or Reeds
S	Water feature	<del>-</del>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
е- ВМ 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stack or lighting tower
+	Site of (antiquity)		Glasshouse
	General Building		Important Building



## **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906 - 1907	4
Lincolnshire	1:10,560	1907	5
Lincolnshire	1:10,560	1922	6
Lincolnshire	1:10,560	1922	7
Lincolnshire	1:10,560	1947	8
Ordnance Survey Plan	1:10,000	1956	9
Ordnance Survey Plan	1:10,000	1979	10
Ordnance Survey Plan	1:10,000	1981	11
10K Raster Mapping	1:10,000	2000	12
10K Raster Mapping	1:10,000	2006	13
VectorMap Local	1:10,000	2021	14

# **Historical Map - Slice B**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040

Slice:

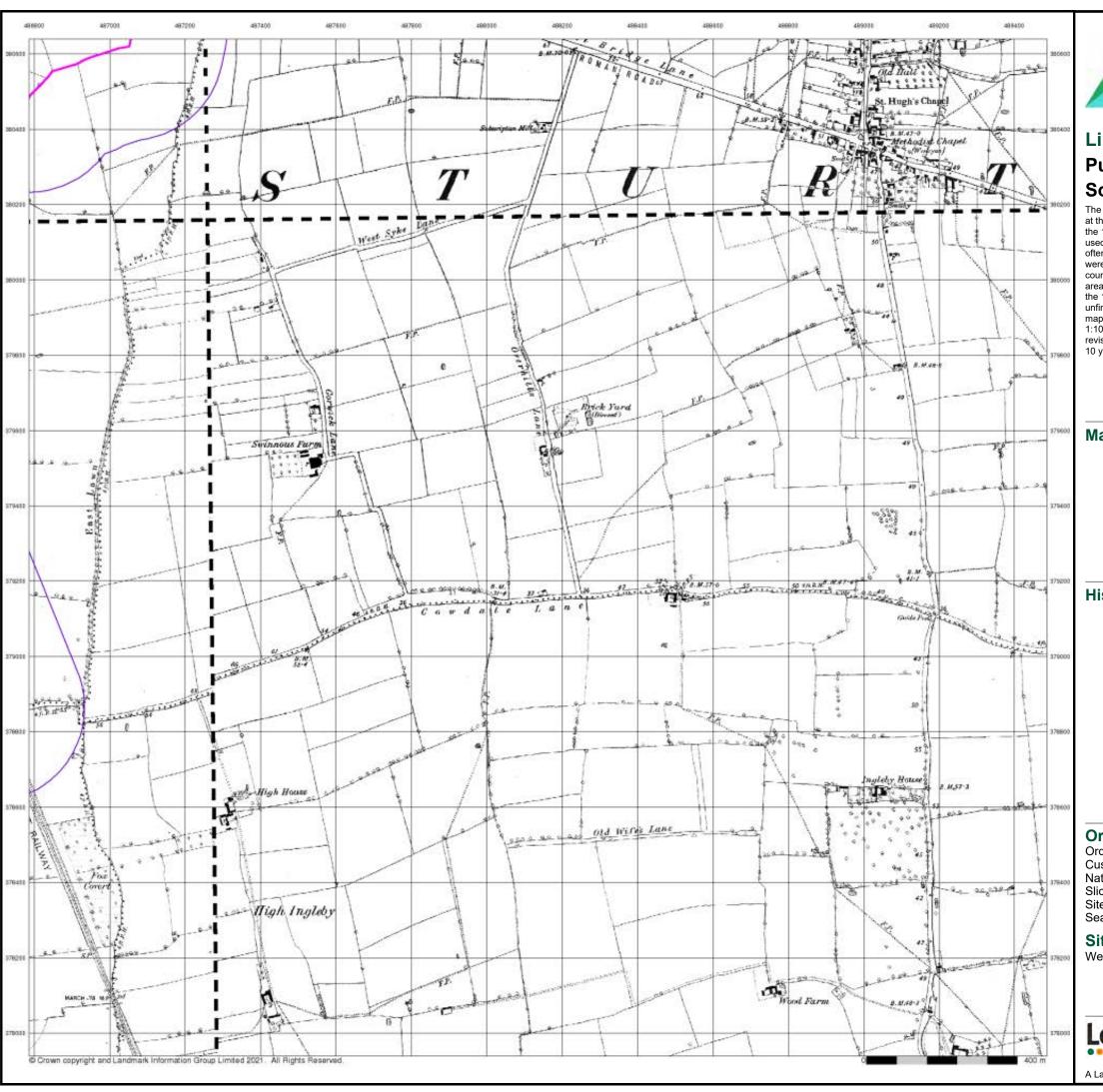
Site Area (Ha): Search Buffer (m):

**Site Details** West Burton 3

Landmark

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 1 of 14





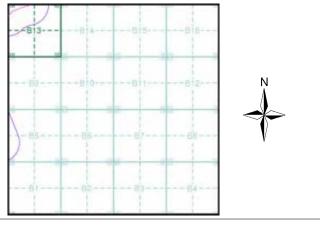
# Lincolnshire Published 1885 Source map scale - 1:10,560

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)

_		1	- 1
1	051SW	051SE 1885	ı
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I	060NW	060NE	1
	1885	1885	•
	1:10,560	1:10,560	- 1
- 1		į	

### **Historical Map - Slice B**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 486960, 380040 Slice:

Site Area (Ha): Search Buffer (m): 369.47 250

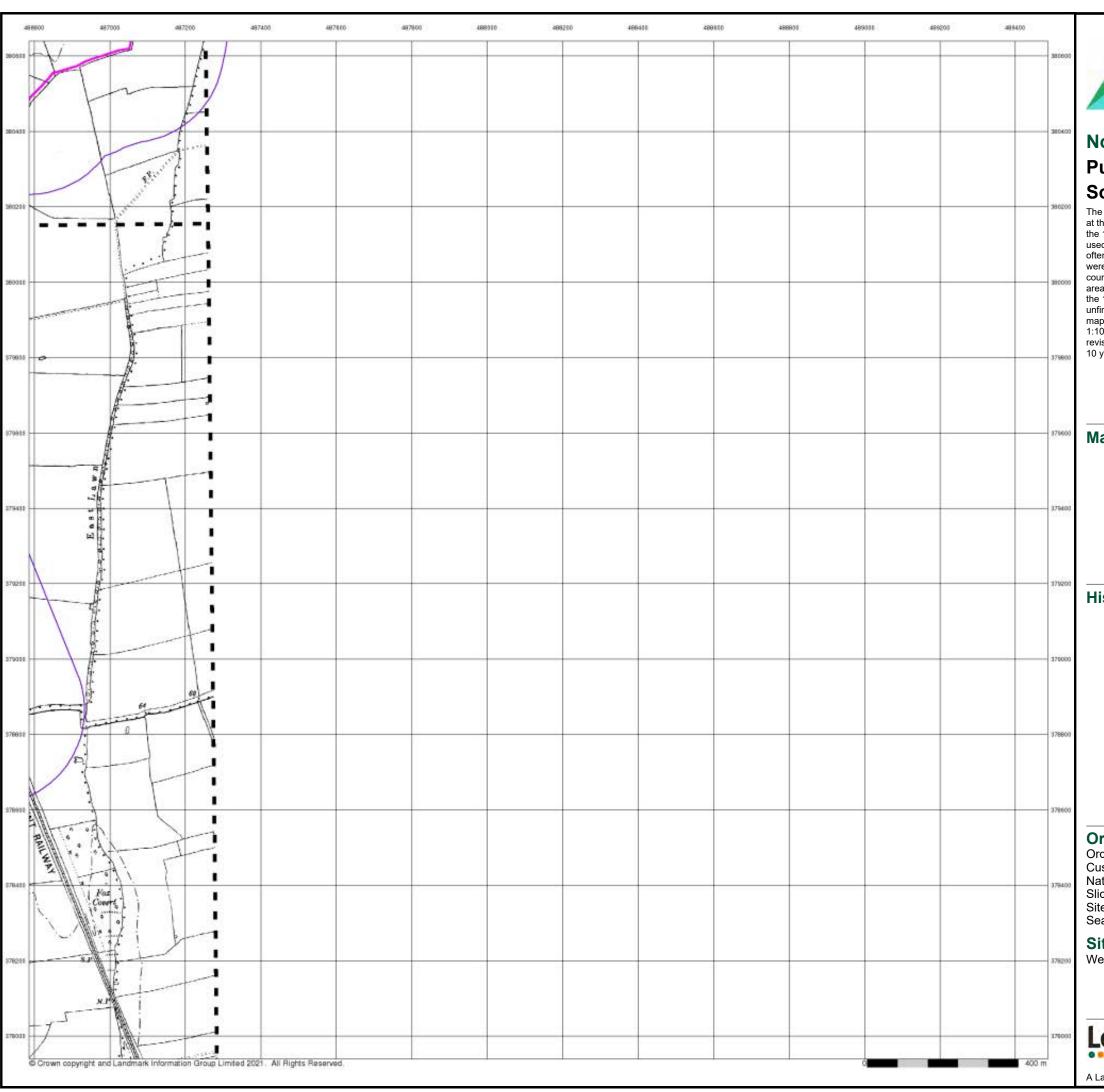
# **Site Details**

West Burton 3



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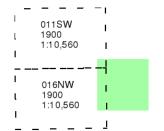




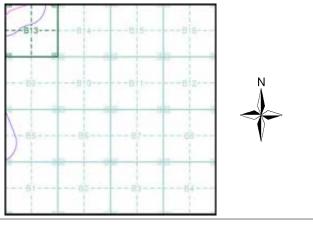
# **Nottinghamshire** Published 1900 Source map scale - 1:10,560

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 B**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040 Slice:

Site Area (Ha): Search Buffer (m): 369.47

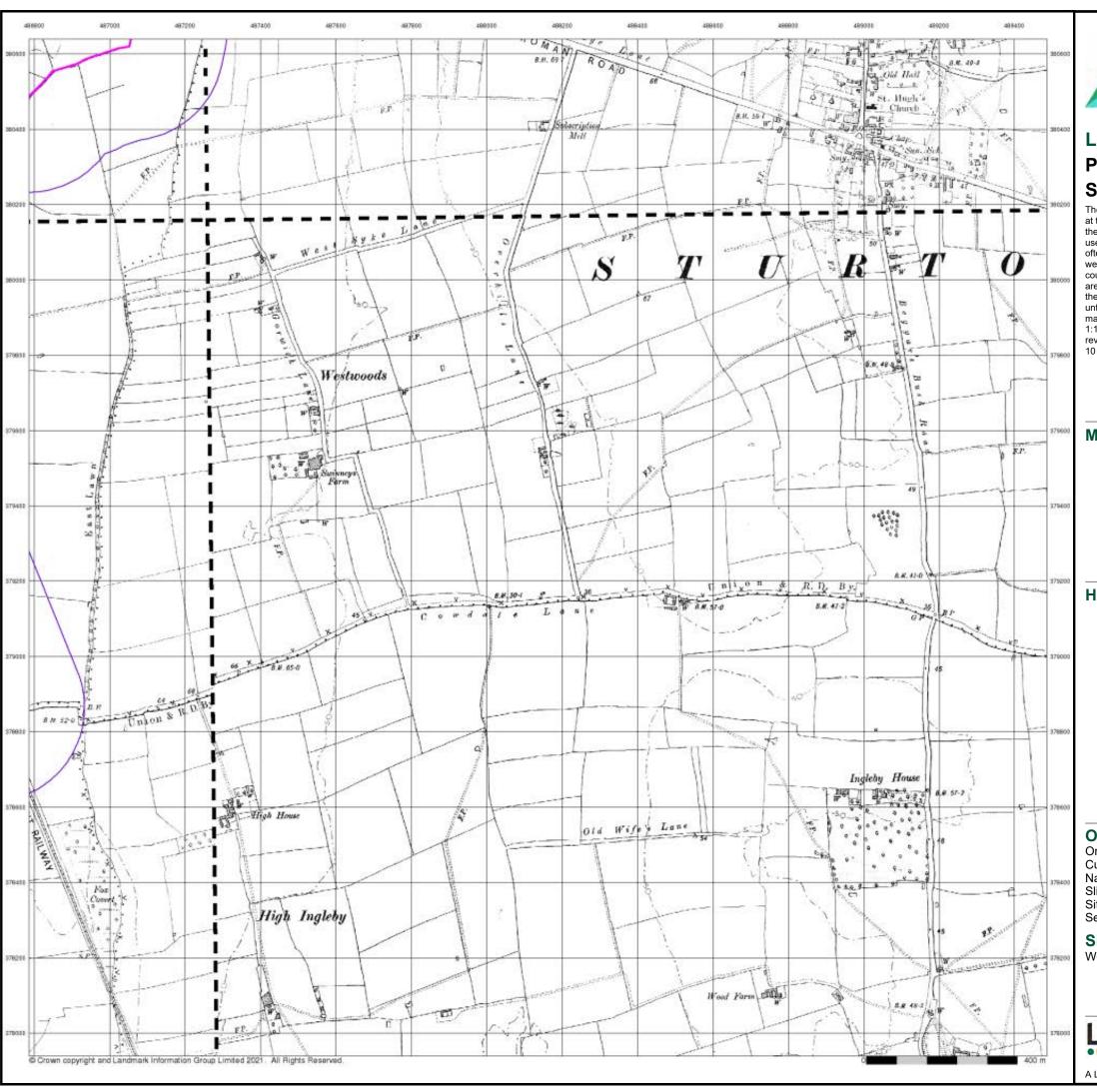
# **Site Details**

West Burton 3



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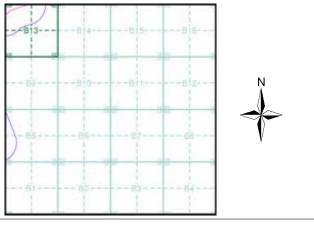
# Published 1906 - 1907 Source map scale - 1:10,560

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)

_		_  _	_	- 1
1	051SW		051SE	1
i	1906 1:10,560	1	1907 1:10,560	
1	,	į		÷
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1		1	1,300	

### **Historical Map - Slice B**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040 Slice:

Site Area (Ha): Search Buffer (m): 369.47

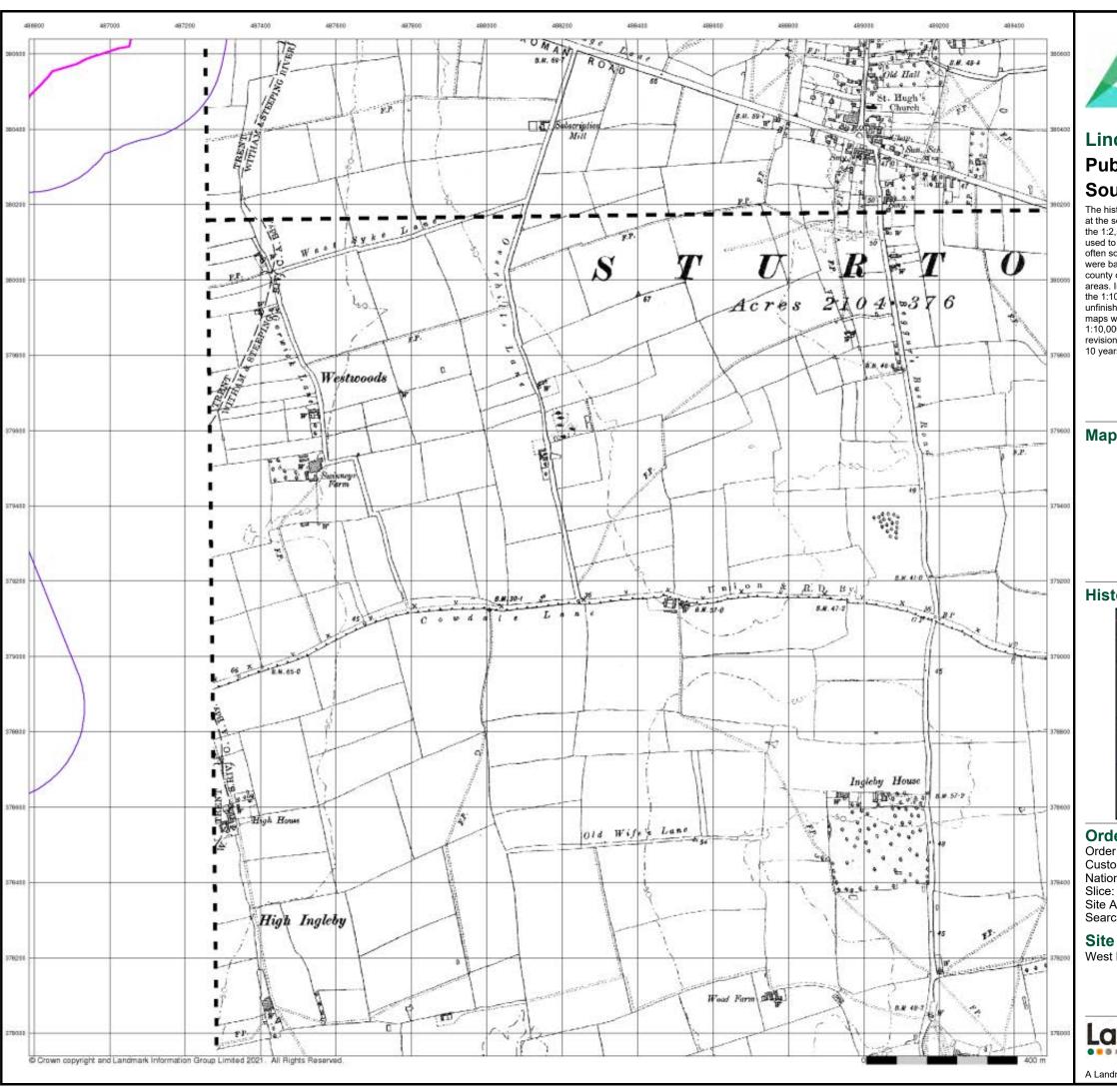
# **Site Details**

West Burton 3



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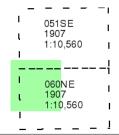


# Lincolnshire Published 1907

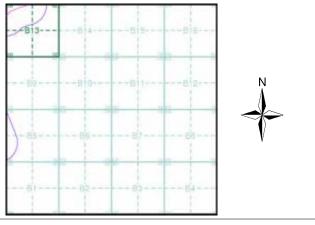
# Source map scale - 1:10,560

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 B**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 486960, 380040

Site Area (Ha):

369.47 Search Buffer (m):

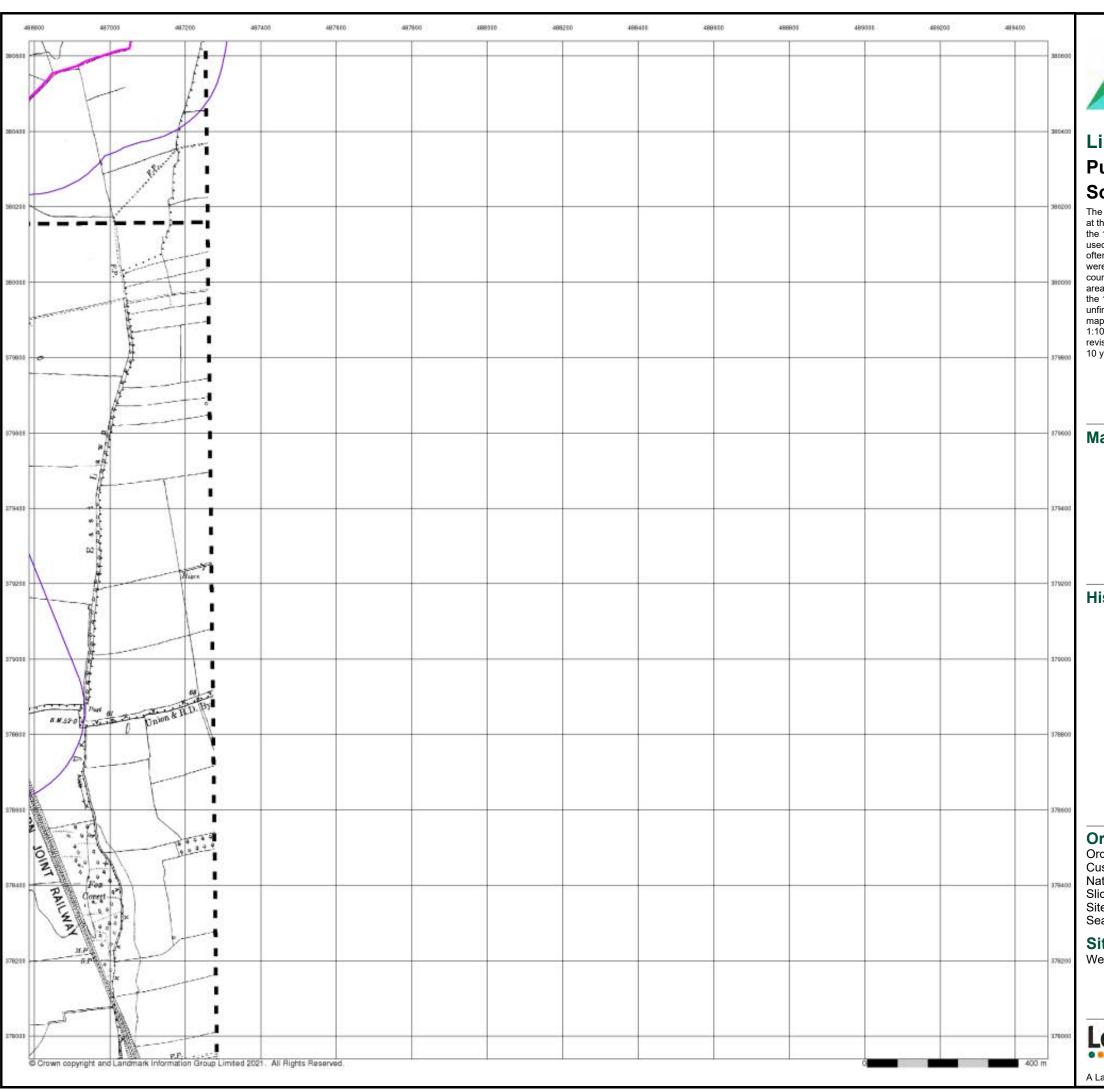
# **Site Details**

West Burton 3



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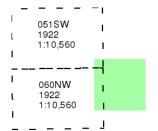




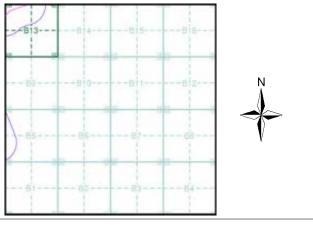
# Lincolnshire Published 1922 Source map scale - 1:10,560

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 B**



### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040 Slice: В

Site Area (Ha): Search Buffer (m): 369.47

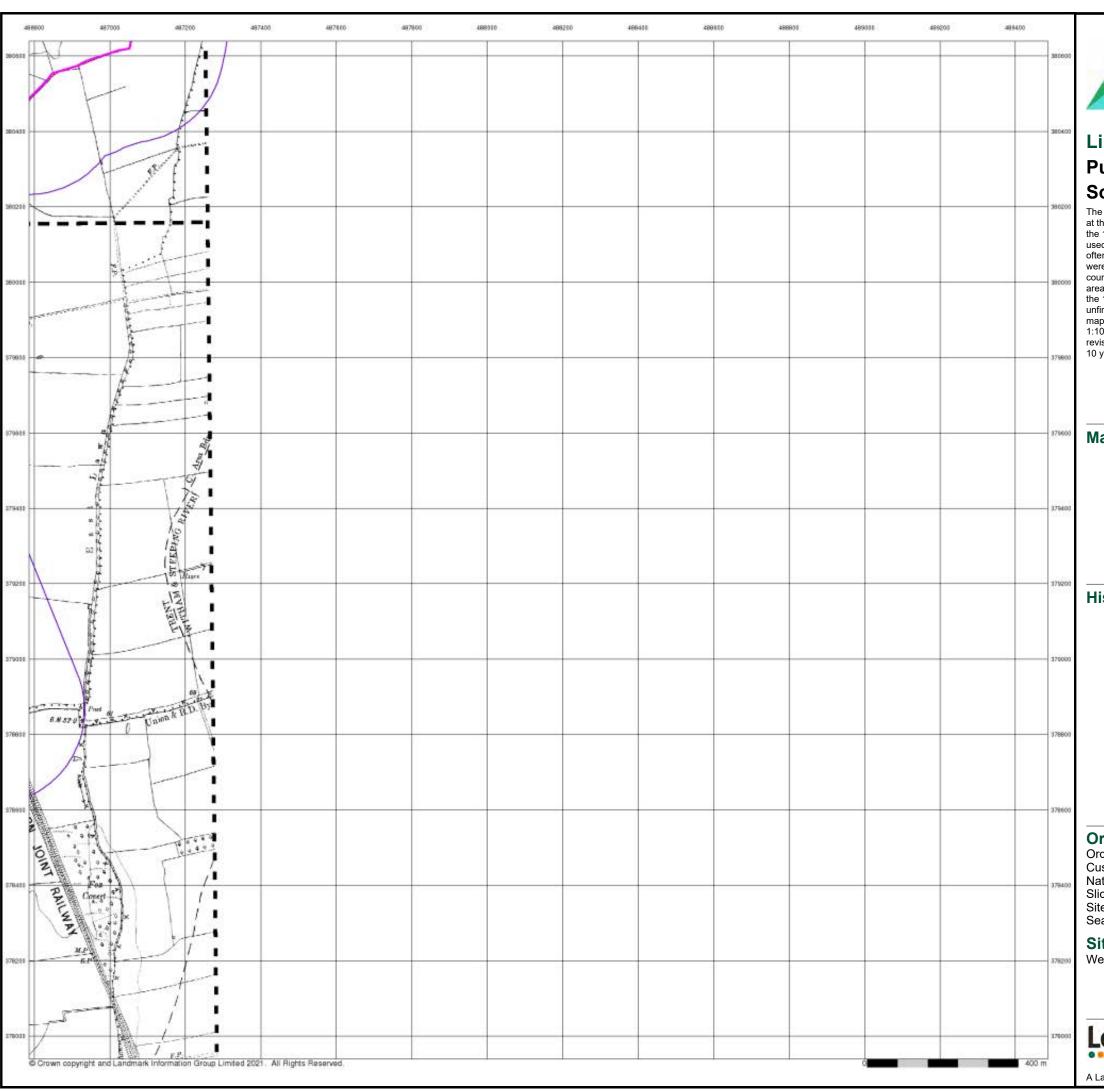
# **Site Details**

West Burton 3



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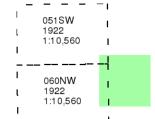




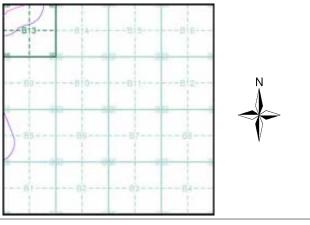
# Lincolnshire Published 1922 Source map scale - 1:10,560

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 B**



### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040 Slice: В

Site Area (Ha): Search Buffer (m): 369.47

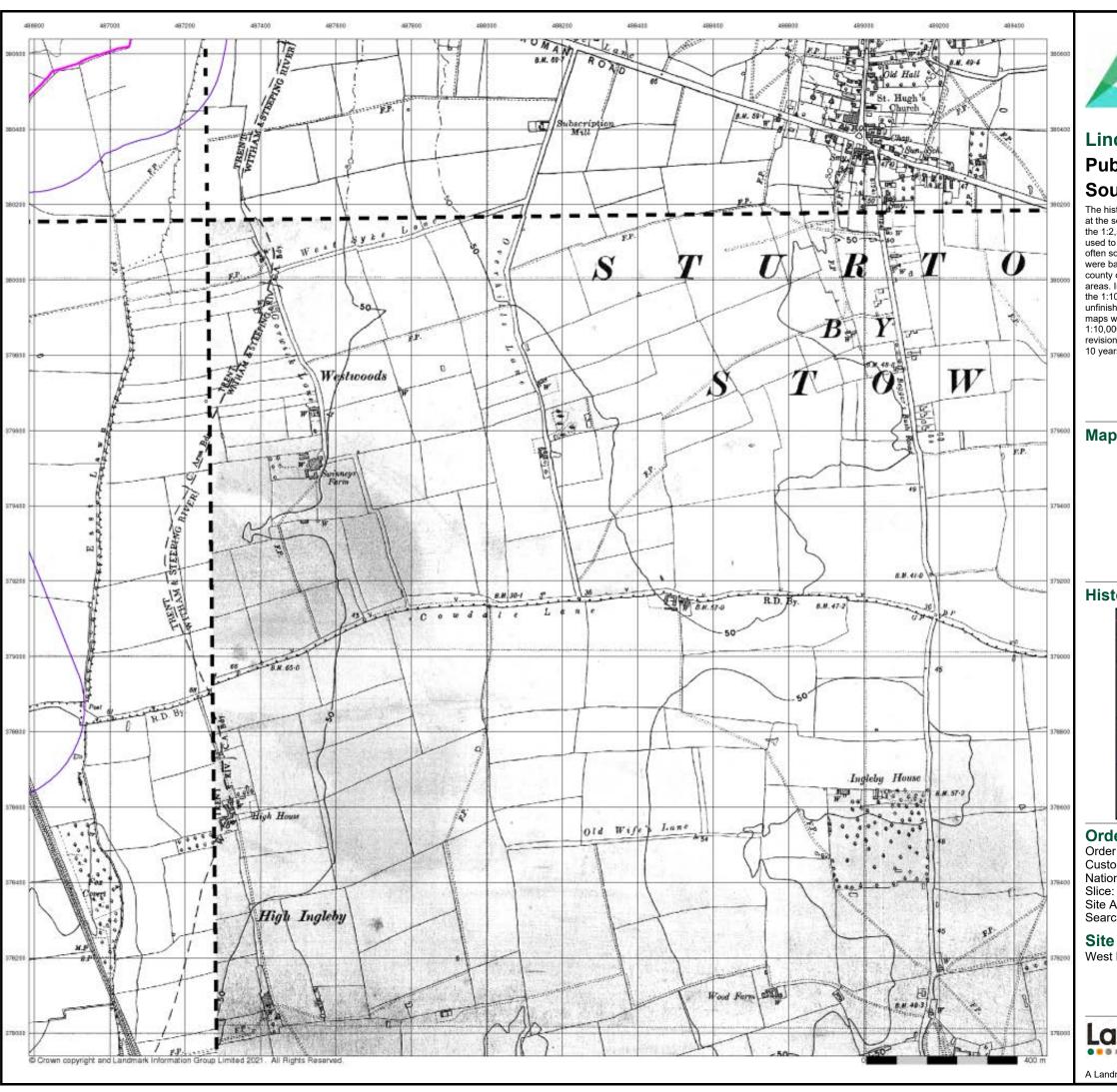
# **Site Details**

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# Lincolnshire **Published 1947**

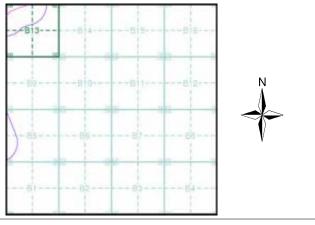
# Source map scale - 1:10,560

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)

I	051SW		051SE 1947	1
i	1947 1:10,560	1	1:10,560	ı
ı		1		
		-		1
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1	1947		1947	i
1				I I

### **Historical Map - Slice B**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 486960, 380040

Site Area (Ha): Search Buffer (m): 369.47

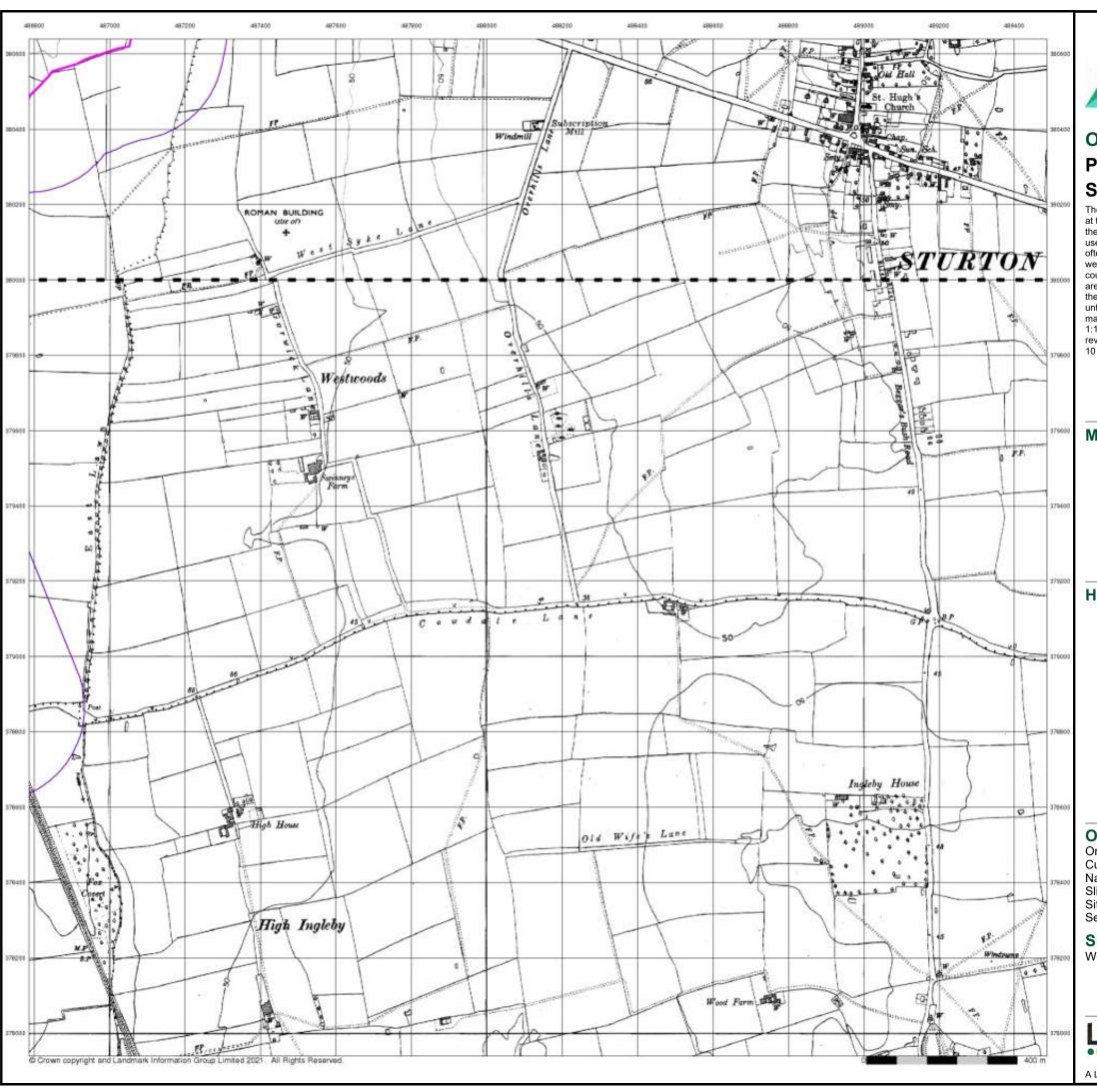
# **Site Details**

West Burton 3



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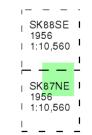




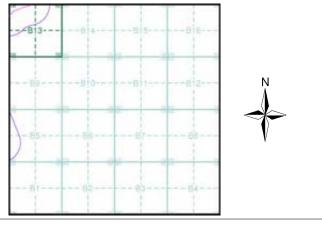
# **Ordnance Survey Plan** Published 1956 Source map scale - 1:10,000

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 B**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 486960, 380040 Slice:

Site Area (Ha): Search Buffer (m): 369.47

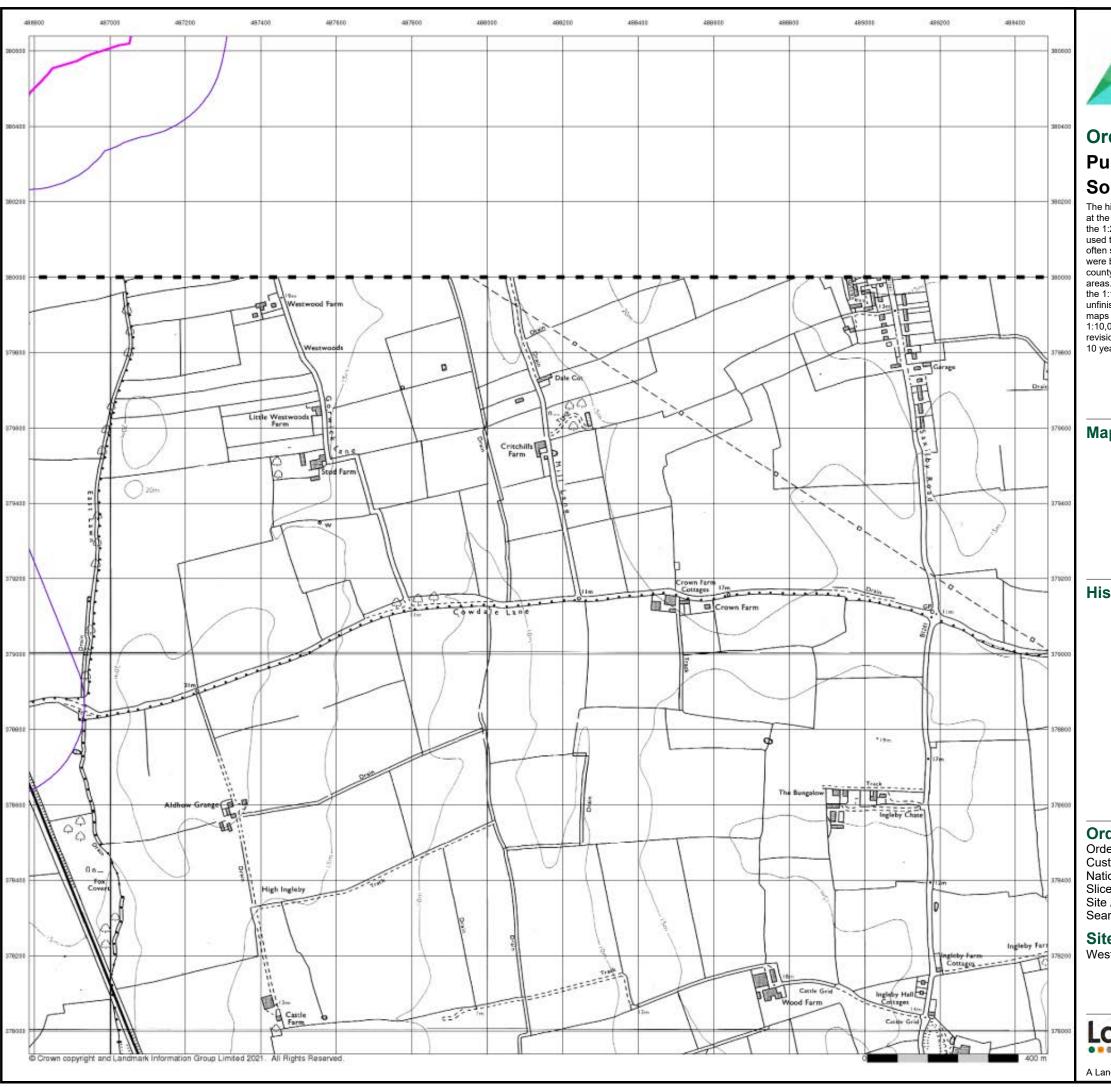
# **Site Details**

West Burton 3



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 9 of 14

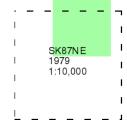




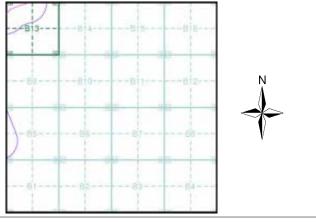
# **Ordnance Survey Plan** Published 1979 Source map scale - 1:10,000

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 B**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040 Slice:

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

**Site Details** 

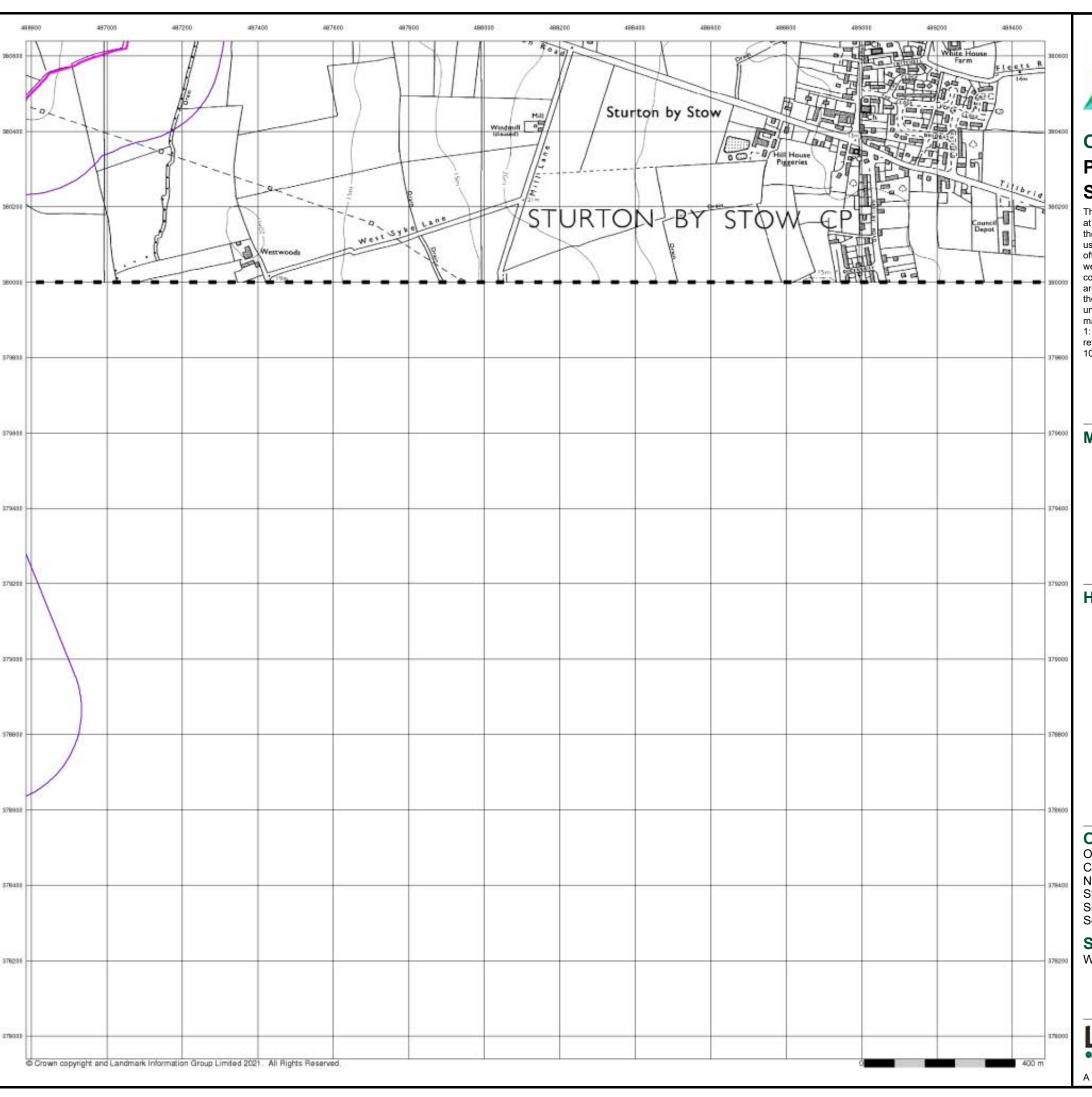
West Burton 3



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369.47

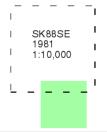




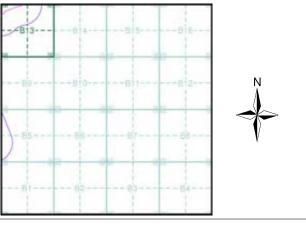
# **Ordnance Survey Plan** Published 1981 Source map scale - 1:10,000

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 B**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 486960, 380040

Slice:

Site Area (Ha): Search Buffer (m): 369.47

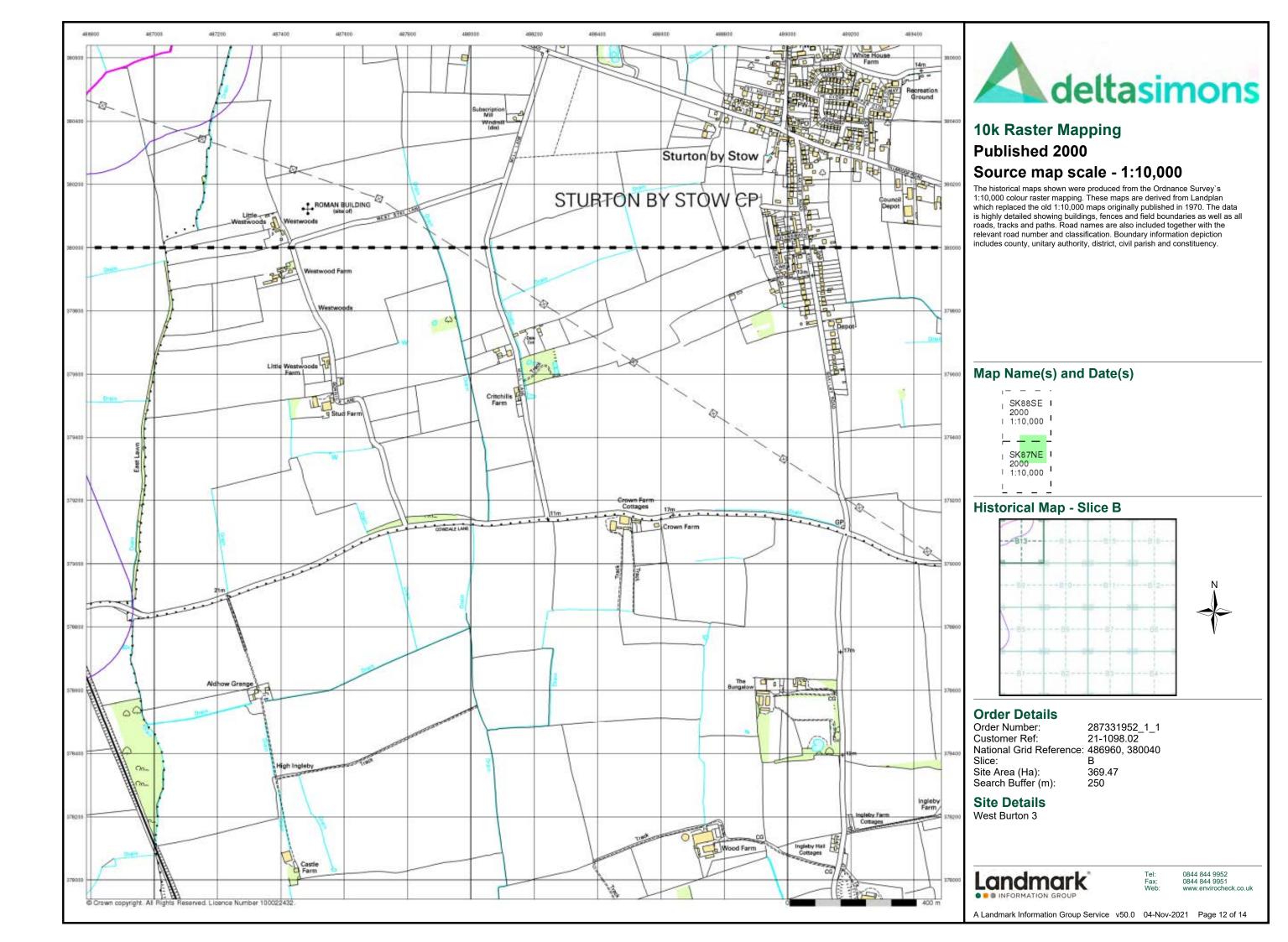
# **Site Details**

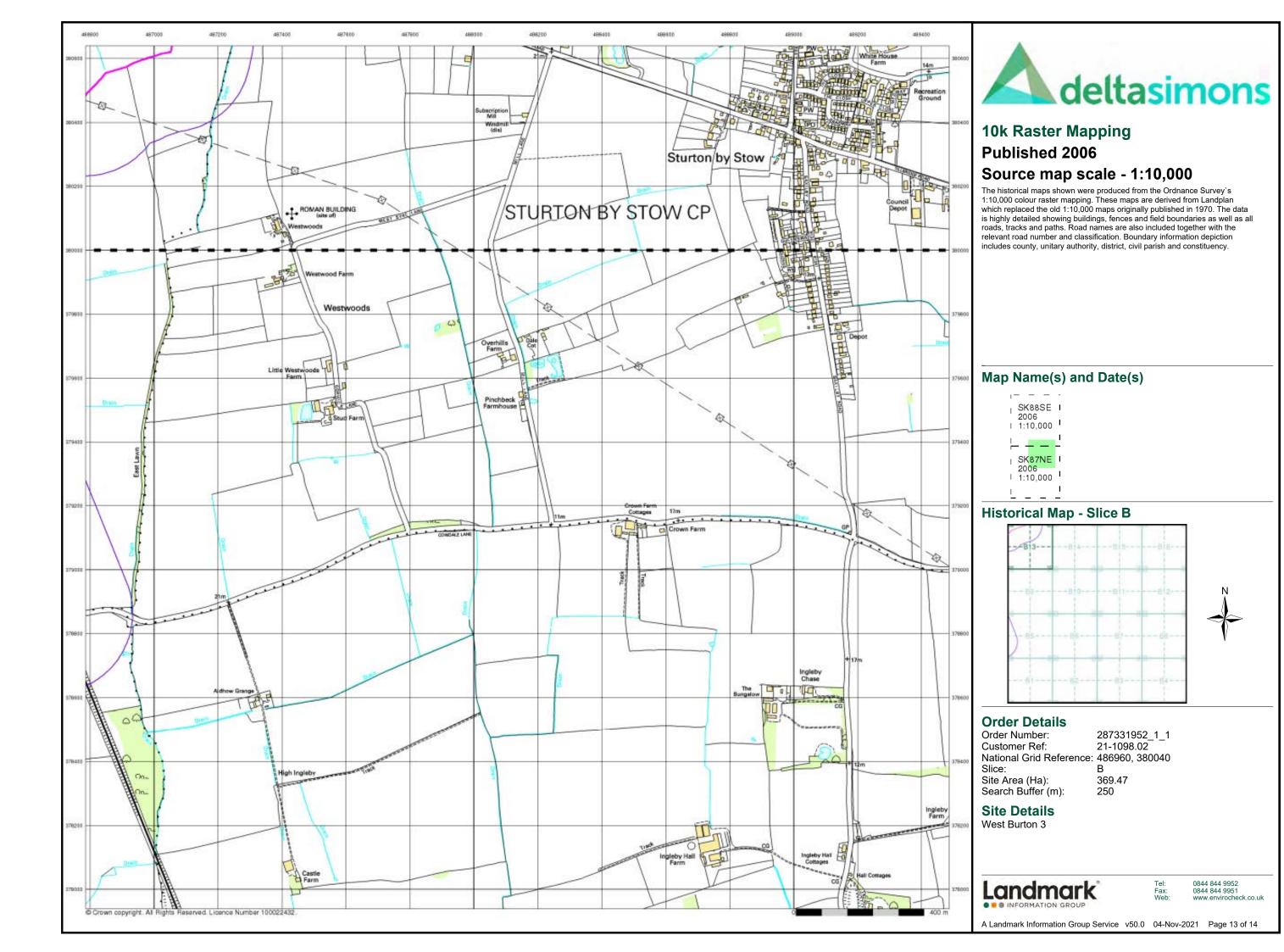
West Burton 3

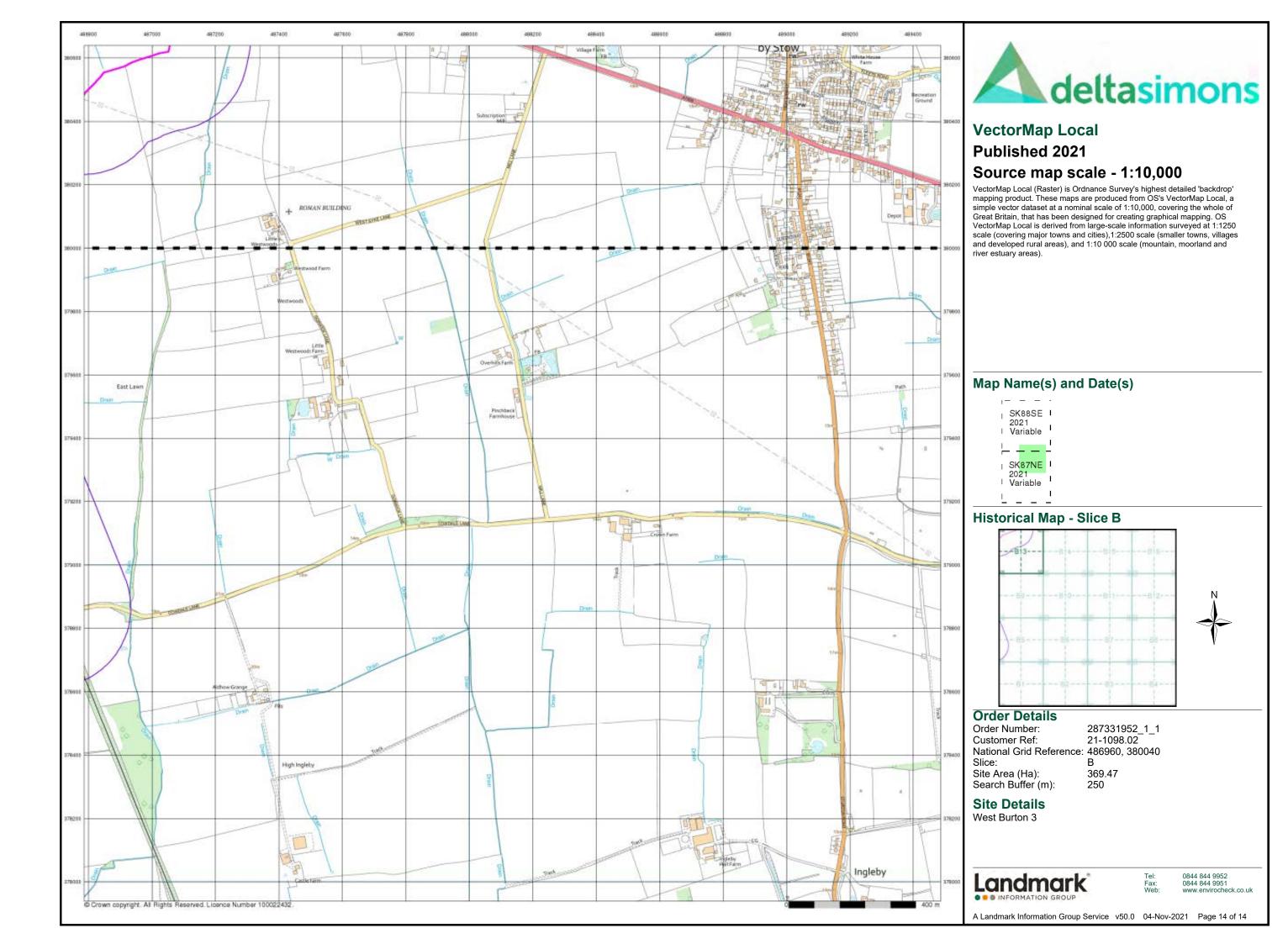


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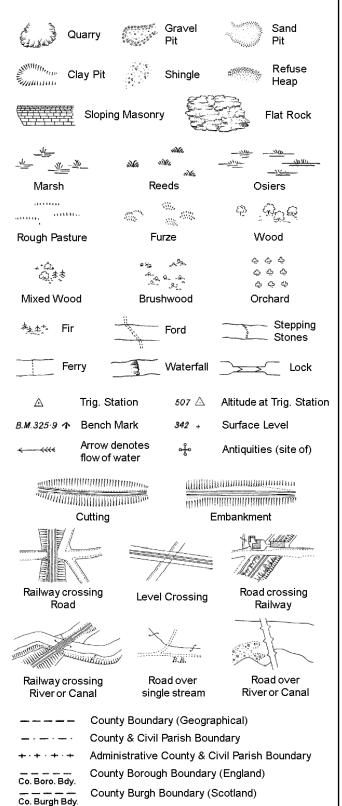






# **Historical Mapping Legends**

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

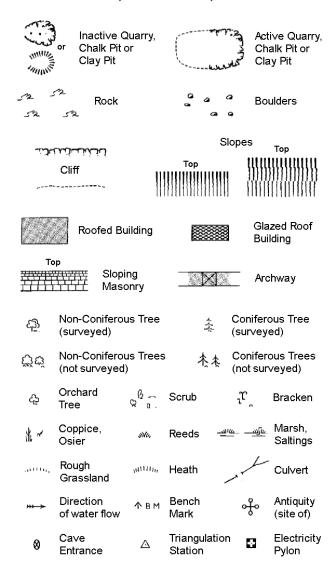
Trough Well

S.P

Sl.

Tr:

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** County Boundary (Geographical)

County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary

Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slopes				
لكنابيانيان			Тор		11111	Top	
(	Cliff	1111	HIMMIN	1111	11111	13111111111111	
~ <del></del>					-11111		
200	Rock		52	· F	Rock (	scattered)	
$\Box_{\Delta}$	Boulders		۵	. E	Boulde	ers (scattered)	
	Positioned	Boulder	A	5	Scree		
	Non-Conifo (surveyed)		#	-	Conife surve	rous Tree yed)	
Öö	Non-Conife (not surve	erous Trees /ed)	杰	-A-		erous Trees urveyed)	
45	Orchard Tree	Q a.	Scrub		L,	Bracken	
	Coppice, Osier	siNu,	Reeds	<u>ساند</u> ۔	<u>w</u>	Marsh, Saltings	
arrin,	Rough Grassland	<i>1</i> 1111111,	Heath	/	1	Culvert	
<del>&gt;&gt;&gt; ≻</del>	Direction of water flo	Δ	Triangula Station	ation	ઌ૾ૺ૰	Antiquity (site of)	
_ETL_	_ Electric	ity Transmis	sion Line	•	$\boxtimes$	Electricity Pylon	
/ <del>/</del> / вм	291.6ûm E	ench Mark		7		ngs with ng Seed	
	Roofe	ed Building				Glazed Roof Building	
Civil parish/community boundary							
		•		-			
		District boundary					
_ •		County boundary					
۵		Boundary post/stone					
٥		Boundary r always app of three)					
Bks	Barracks		Р		Pillar, F	Pole or Post	
Bty	Battery		PO		Post 0		
Cemy	Cemetery		PC		Public	Convenience	
Chy	Chimney		Pp		Pump		
Cis	Cistern		Ppg S	Sta	Pumpii	ng Station	
Dismtd R	ly Disman	tled Railway	PW		Place	ofWorship	
El Gen St	a Electric Station	ity Generating	Sewa	ige Pp		Sewage Pumping Station	
EIP	Electricity	Pole, Pillar	SB, S	Br		Box or Bridge	
	a Electricity		SP, S		_	Post or Light	
FB	Filter Bed		Spr Spr	-	Spring	_	
	Dou		Opi		Spring		

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GP

Gas Valve Compound

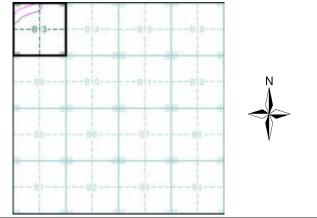
Mile Post or Mile Stone



## **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment B13**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 486960, 380040 Slice:

Site Area (Ha):

369.47 Search Buffer (m):

# **Site Details**

West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

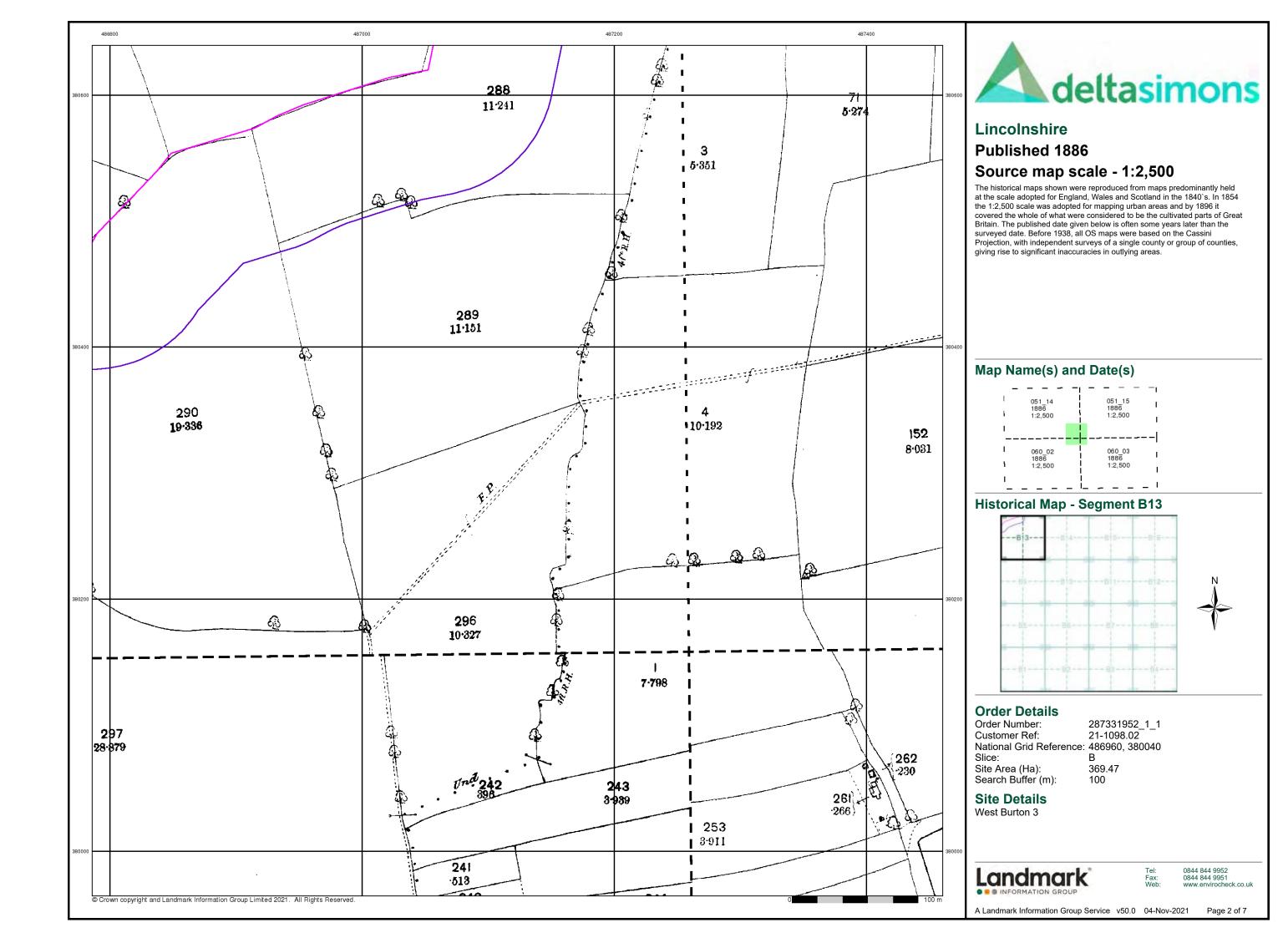
Wks

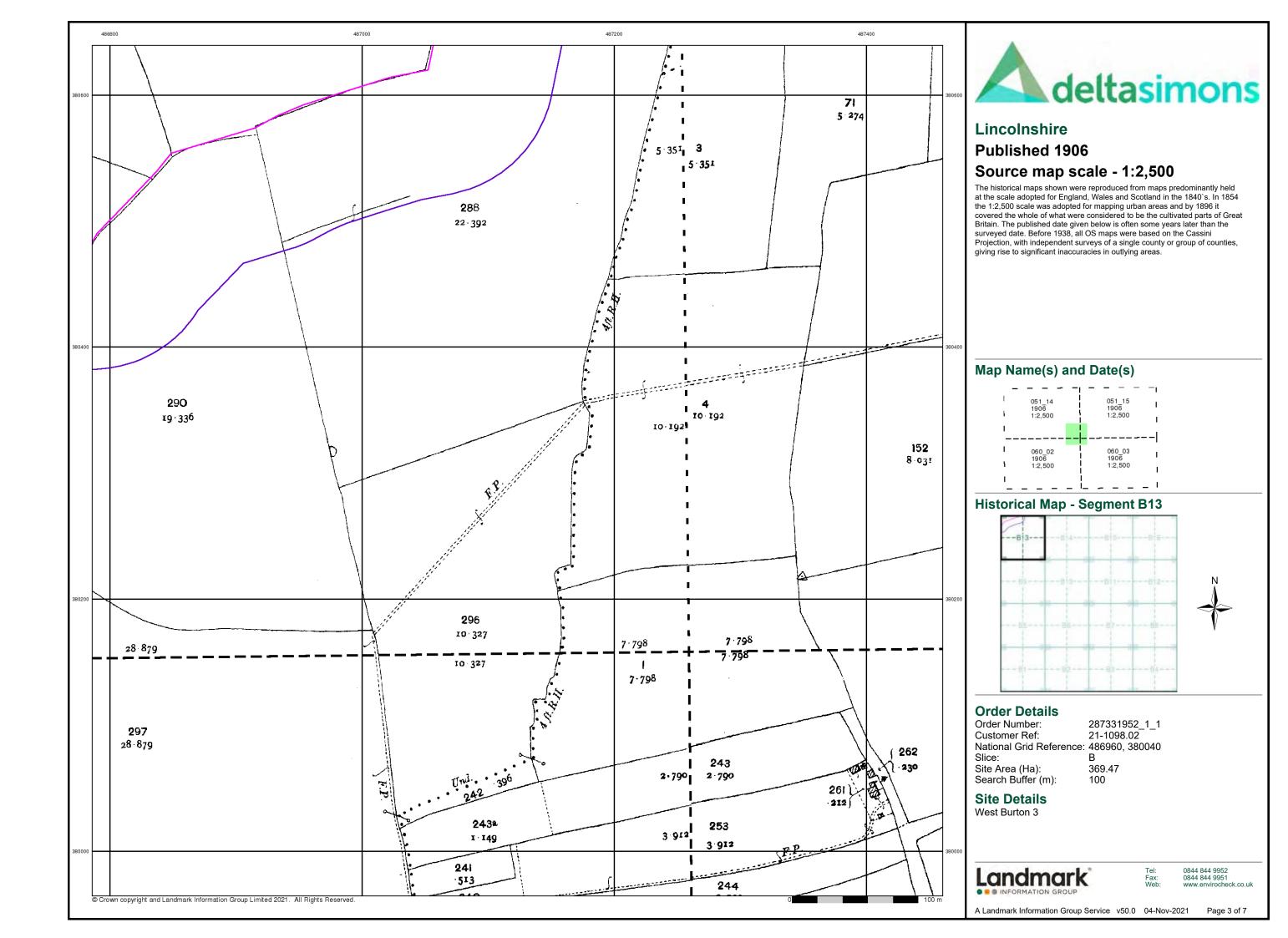


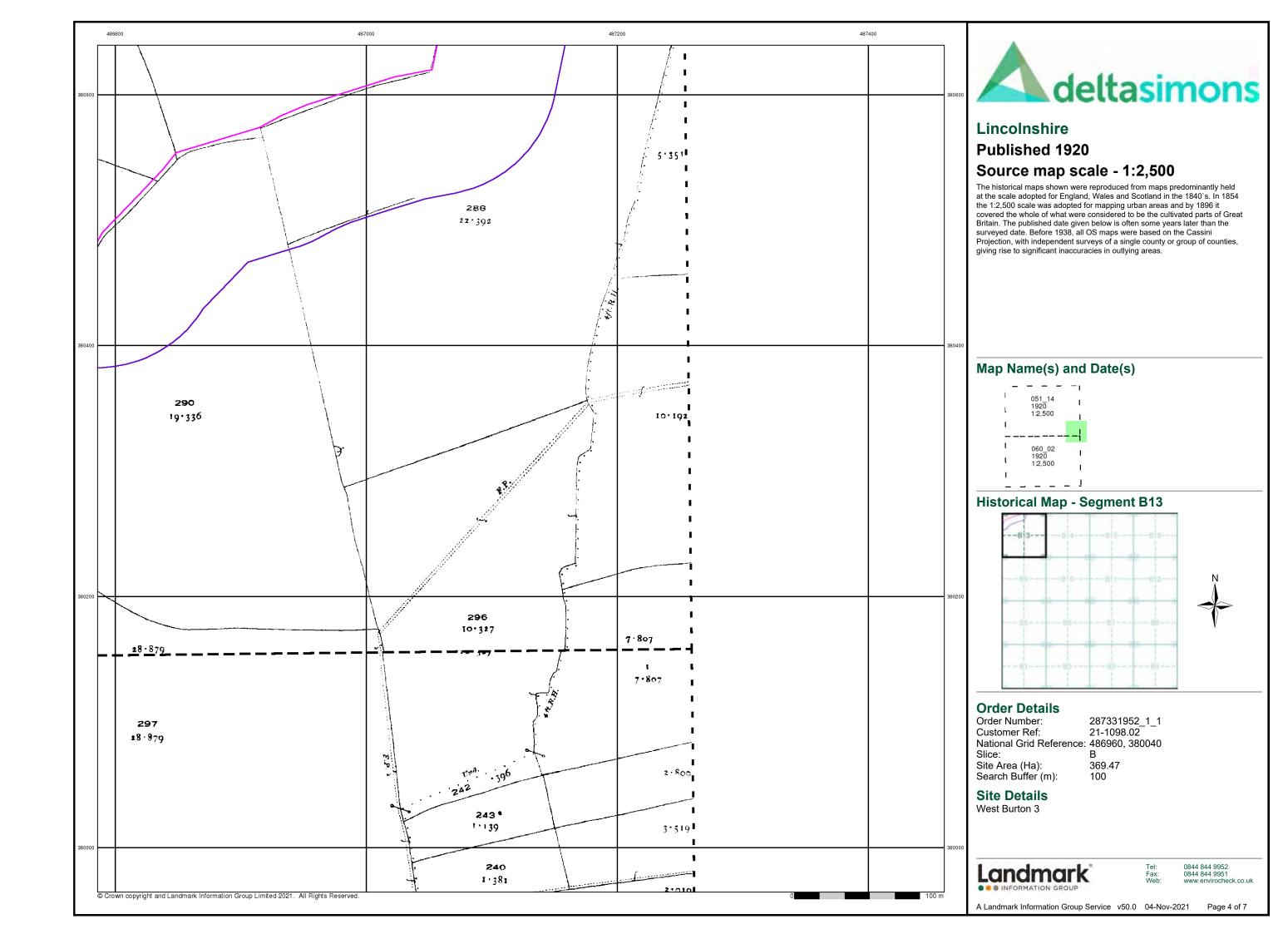
0844 844 9952 0844 844 9951

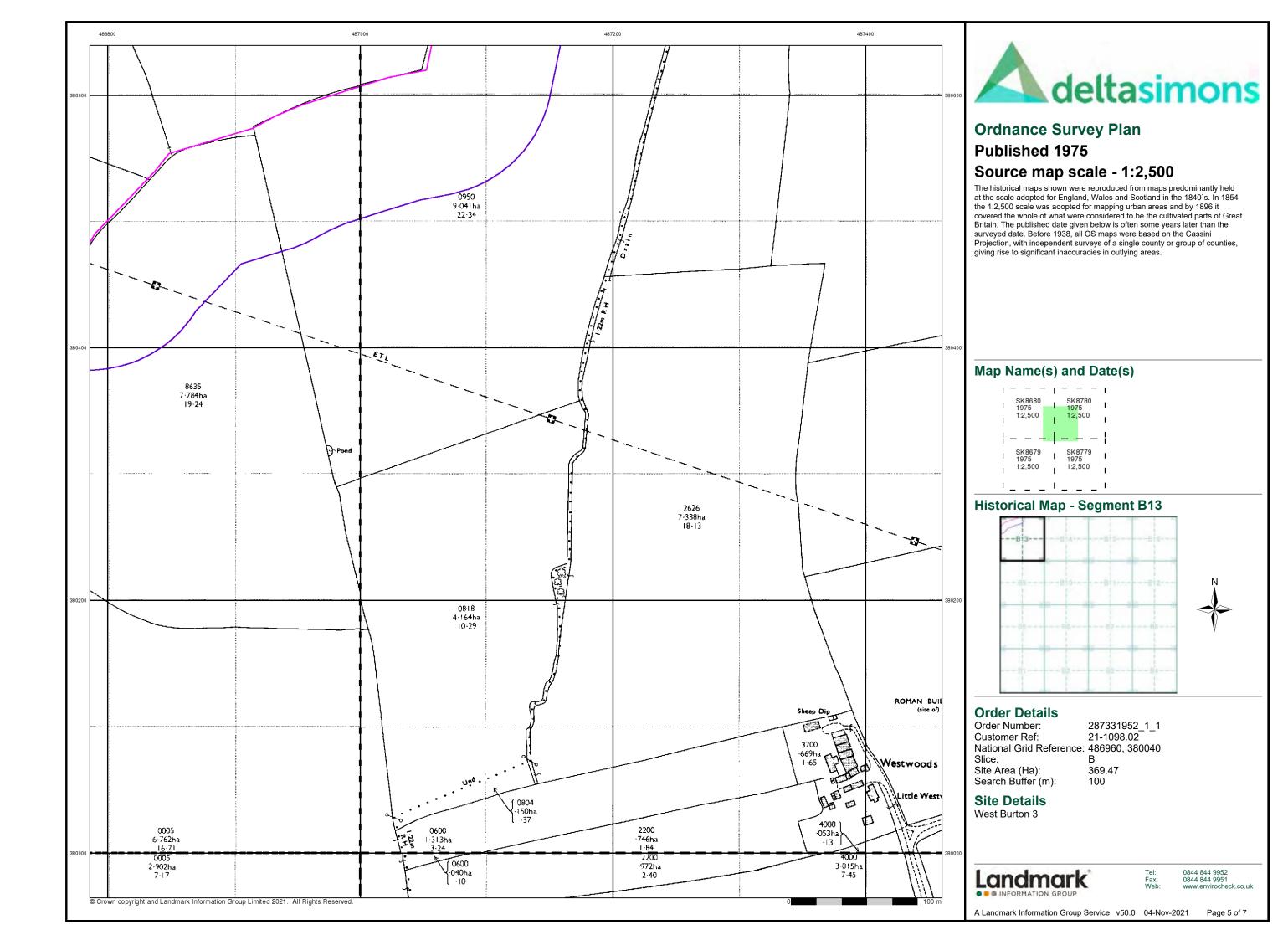
Page 1 of 7

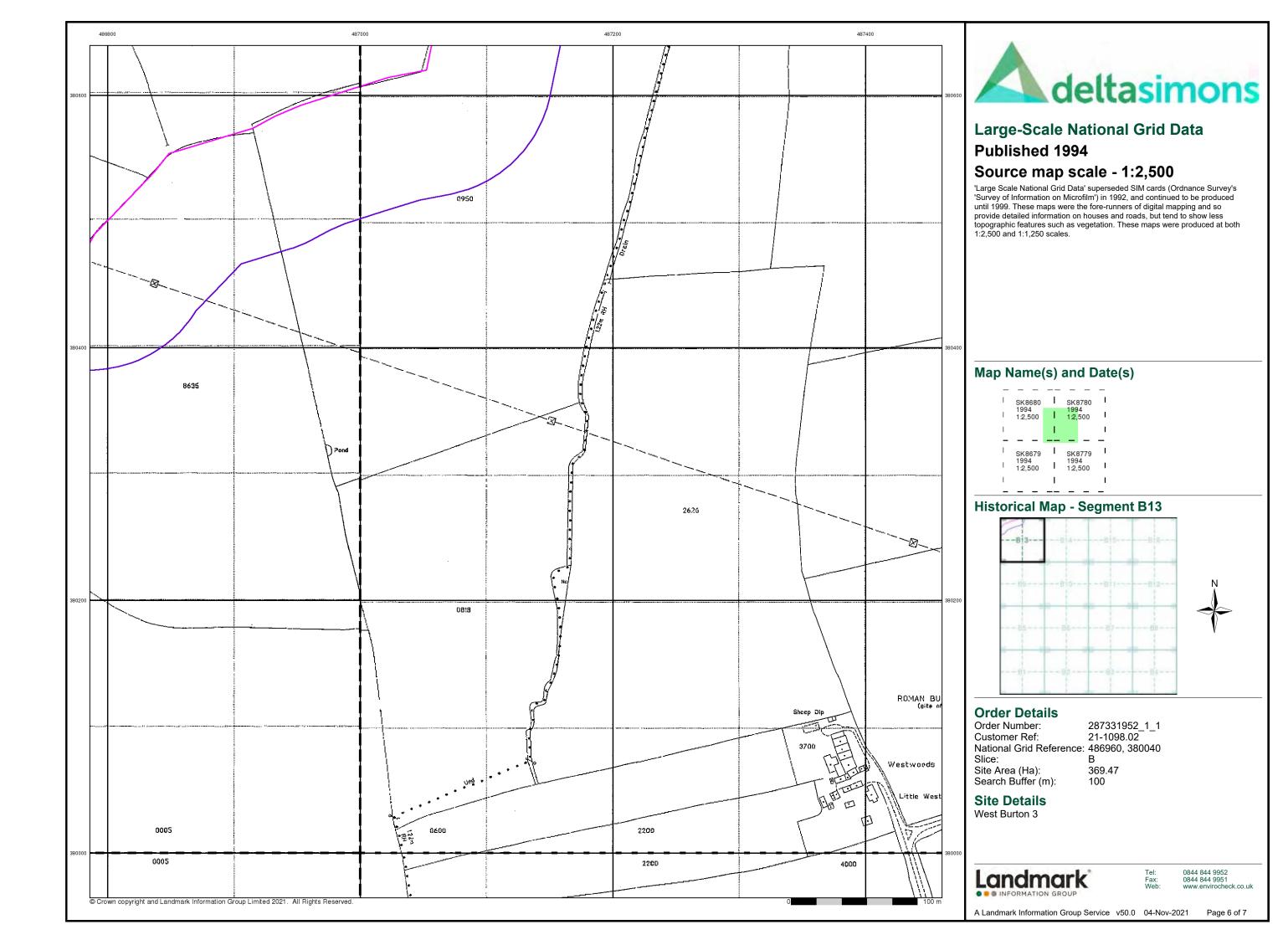
A Landmark Information Group Service v50.0 04-Nov-2021











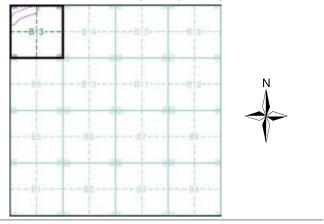




## **Historical Aerial Photography** Published 1999

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 B13**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 486960, 380040

Site Area (Ha): Search Buffer (m): 369.47

**Site Details** West Burton 3

Landmark*

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### Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

**Ordnance Survey County Series 1:10,560** 

### Ordnance Survey Plan 1:10,000

E COULTY	Chalk Pit, Clay Pit or Quarry	00000000	Gravel Pit		
	Sand Pit		、 Disused Pit ✓ or Quarry		
(000000)	Refuse or Slag Heap	<b>((()</b>	Lake, Loch or Pond		
	Dunes	000	Boulders		
<b>* * 4</b>	Coniferous Trees	444	Non-Coniferous Trees		
<b>φ</b> φ	Orchard no_	Scrub	\Υ _n ν Coppice		
ជជ	Bracken	Heath '	、 , , , , Rough Grassland		
<u> </u>	Marsh 、、、V///	Reeds	그 <u>ડ</u> ← Saltings		
	Dira	ction of Flow of \	Mator		
******	Building	ction of Flow of			
	<b>3</b>		Shingle		
	>	**/	Sand Sand		
	Glasshouse		Ound		
~~	0.000.1000				
		Pylon	Electricity		
TOTOTT			Transmission		
	Sloping Masonry	Pole	Line		
		· -	_		
Cutting	Embankn	nent 	Standard Gauge		
***	***********		Multiple Track		
	.U //	\\	Standard Gauge		
Road''	'∏''' Road / Lev	/el Foot	Single Track		
Under	Over Cros	sing Bridge	O: #: T		
			Siding, Tramway or Mineral Line		
<del></del>	<del></del>	+ + +	→ Narrow Gauge		
	- Geographical Co	ounty			
	Administrative C	County, County E	Borough		
	-	- ugh, Urban or Ru	ral District,		
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries				
	Civil Parish Shown alternately	when coincidence c	of boundaries occurs		
рвпе	Boundary Doot on Ctory	Pol Sta	Police Station		
BP, BS Ch	Boundary Post or Stone Church		Police Station Post Office		
CH	Club House		Public Convenience		
F E Sta	Fire Engine Station		Public House		
FB	Foot Bridge		Signal Box		
Fn	Fountain	Spr :	Spring		
GP	Guide Post	TCB	Telephone Call Box		

Mile Post

TCP

Telephone Call Post

### 1:10,000 Raster Mapping

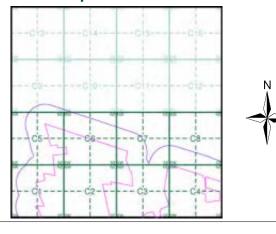
(EED)	Gravel Pit	(EED)	Refuse tip or slag heap
2,7,7	Rock	, ,	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand	(111)	Sand Pit
111111111	Slopes	הרהרהרה ההבנה	Top of cliff
	General detail		Underground detail
	Overhead detail	**********	Narrow gauge railway
	Multi-track railway	-	Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
**	Area of wooded vegetation	مم مم	Non-coniferous trees
۵۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	Q	Positioned tree
φ φ φ φ	Orchard	R R	Coppice or Osiers
ustr.	Rough Grassland		Heath
On_	Scrub	s <u>N</u> ie L	Marsh, Salt Marsh or Reeds
S	Water feature	<del>-</del>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
4- ВМ 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stac or lighting tower
•‡•	Site of (antiquity)		Glasshouse
	General Building		Important Building



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906	4
Lincolnshire	1:10,560	1922	5
Lincolnshire	1:10,560	1922	6
Lincolnshire	1:10,560	1947	7
Ordnance Survey Plan	1:10,000	1956	8
Ordnance Survey Plan	1:10,000	1980 - 1981	9
10K Raster Mapping	1:10,000	2000	10
10K Raster Mapping	1:10,000	2006	11
VectorMap Local	1:10,000	2021	12

### **Historical Map - Slice C**



#### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 485360, 381210 Slice:

Site Area (Ha):

369.47 Search Buffer (m): 250

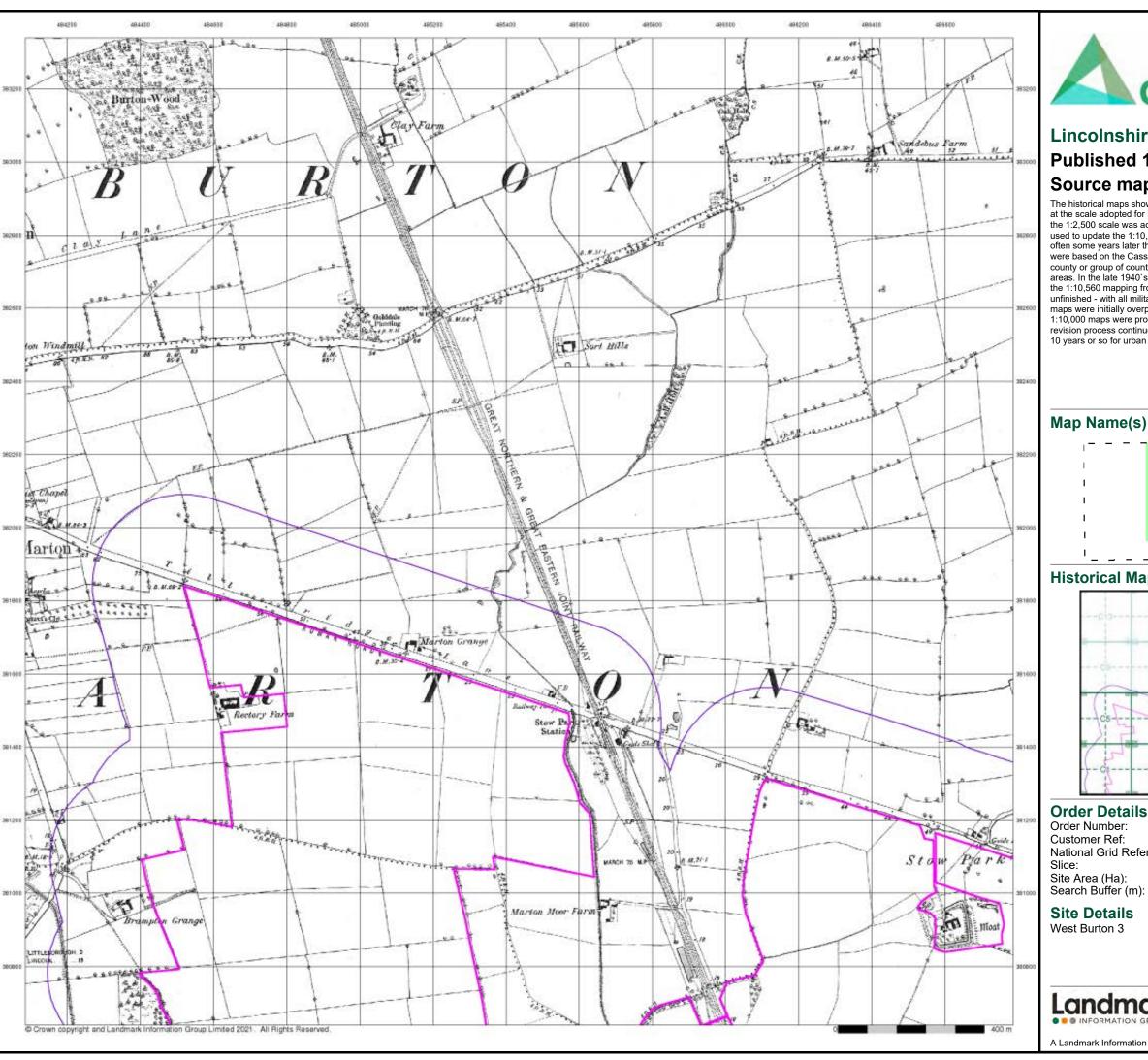
**Site Details** 

West Burton 3



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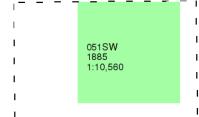




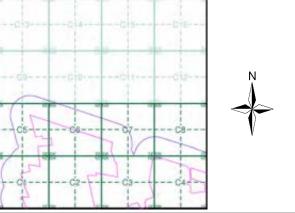
## Published 1885 Source map scale - 1:10,560

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 C**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Site Area (Ha): 369.47 250

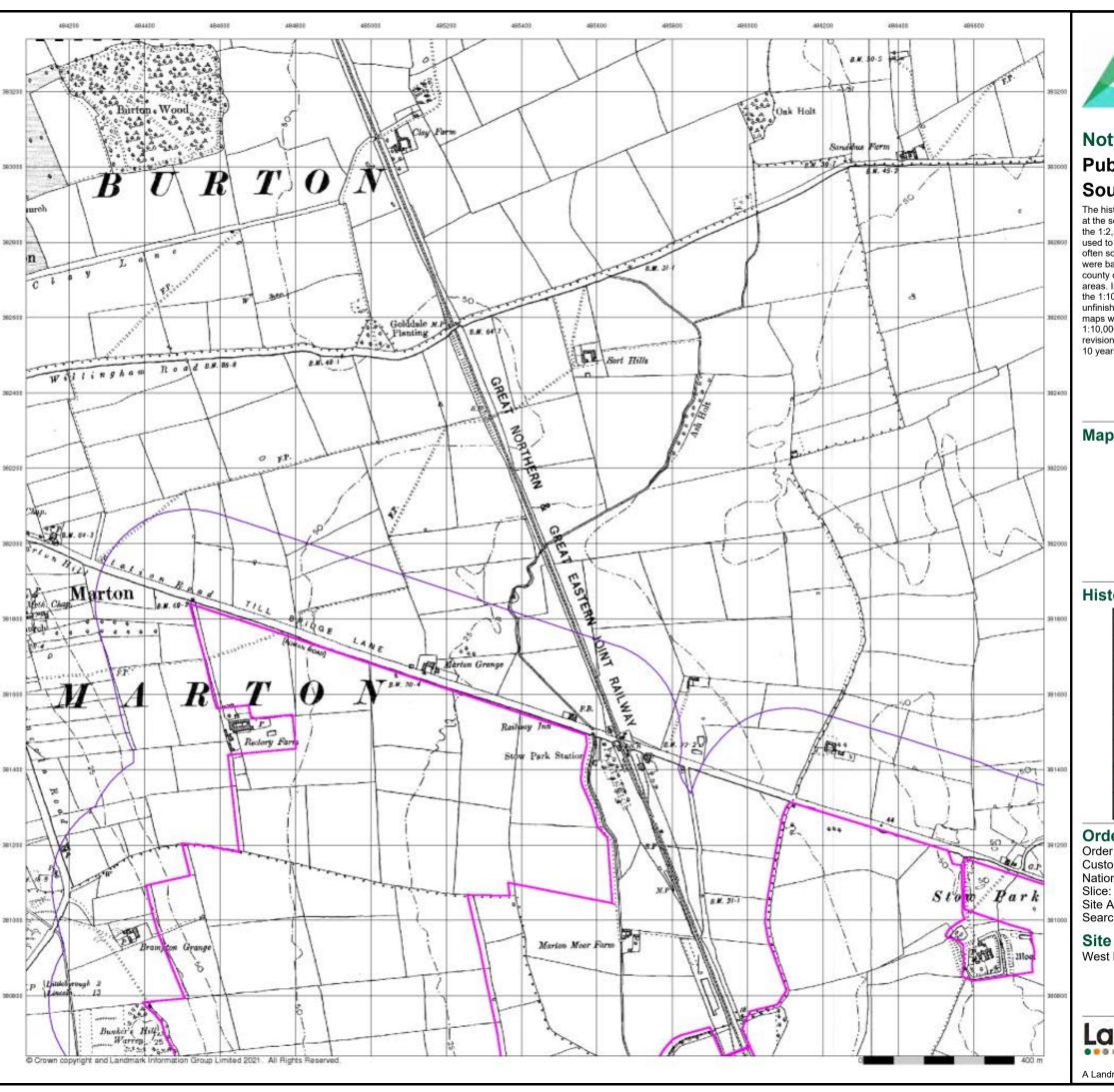
### **Site Details**

West Burton 3



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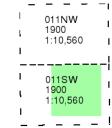




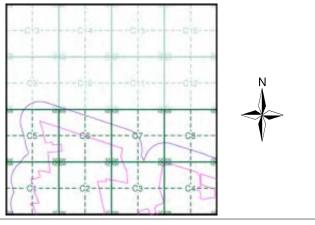
## **Nottinghamshire** Published 1900 Source map scale - 1:10,560

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 C**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Site Area (Ha): 369.47 Search Buffer (m):

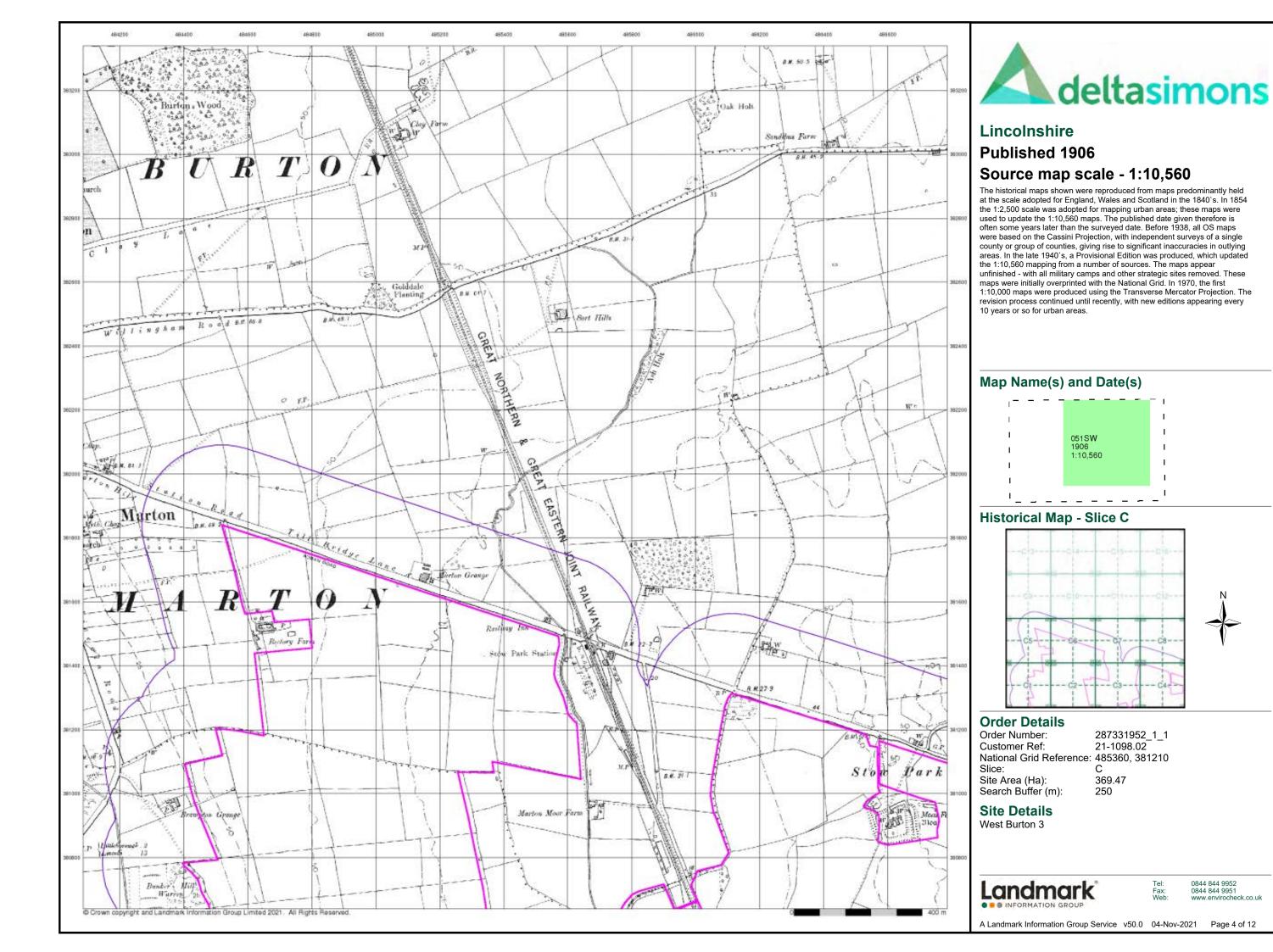
### **Site Details**

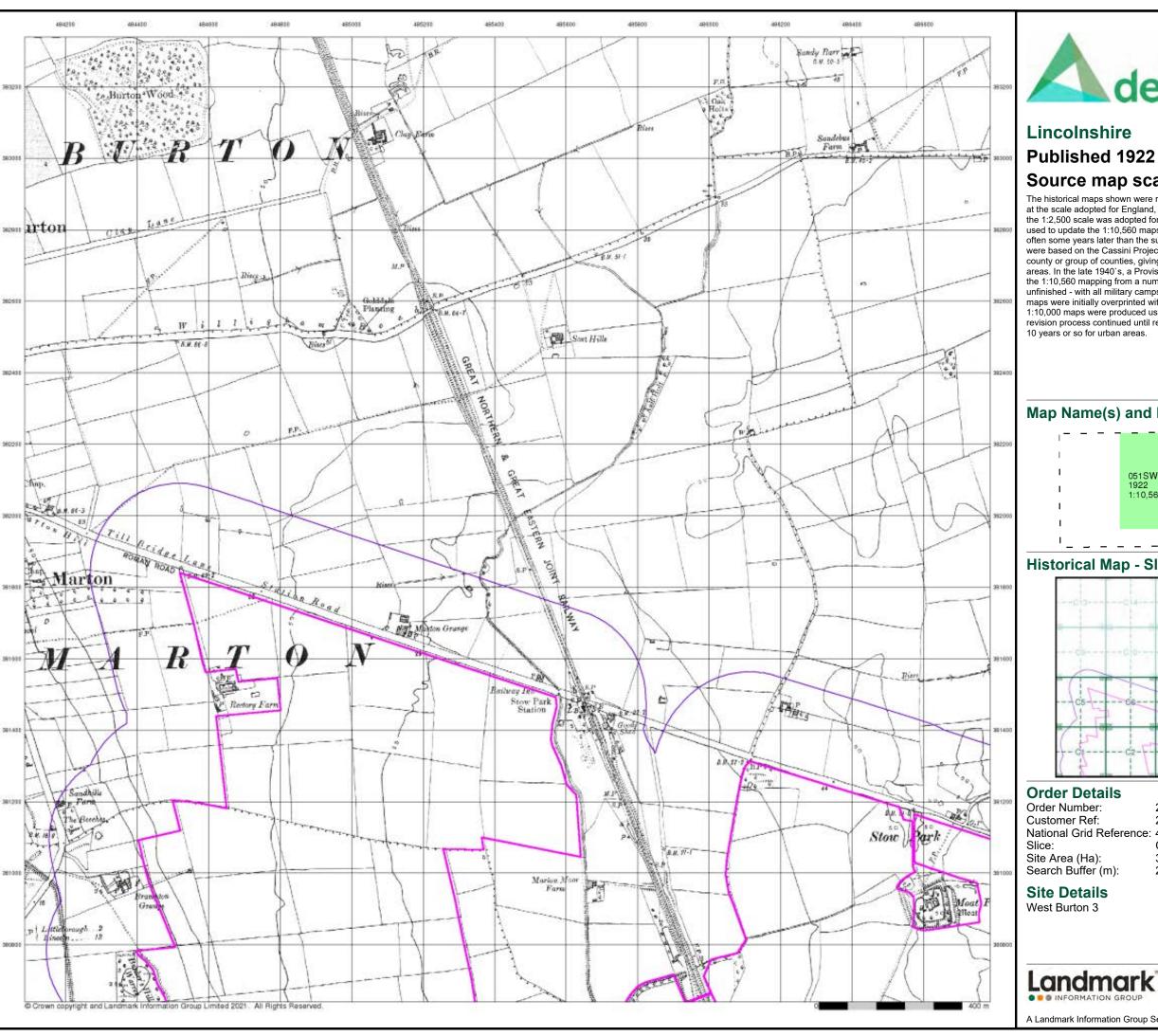
West Burton 3



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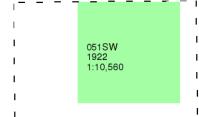




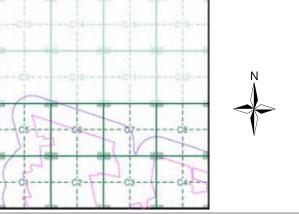
# Source map scale - 1:10,560

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 C**



#### **Order Details**

287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

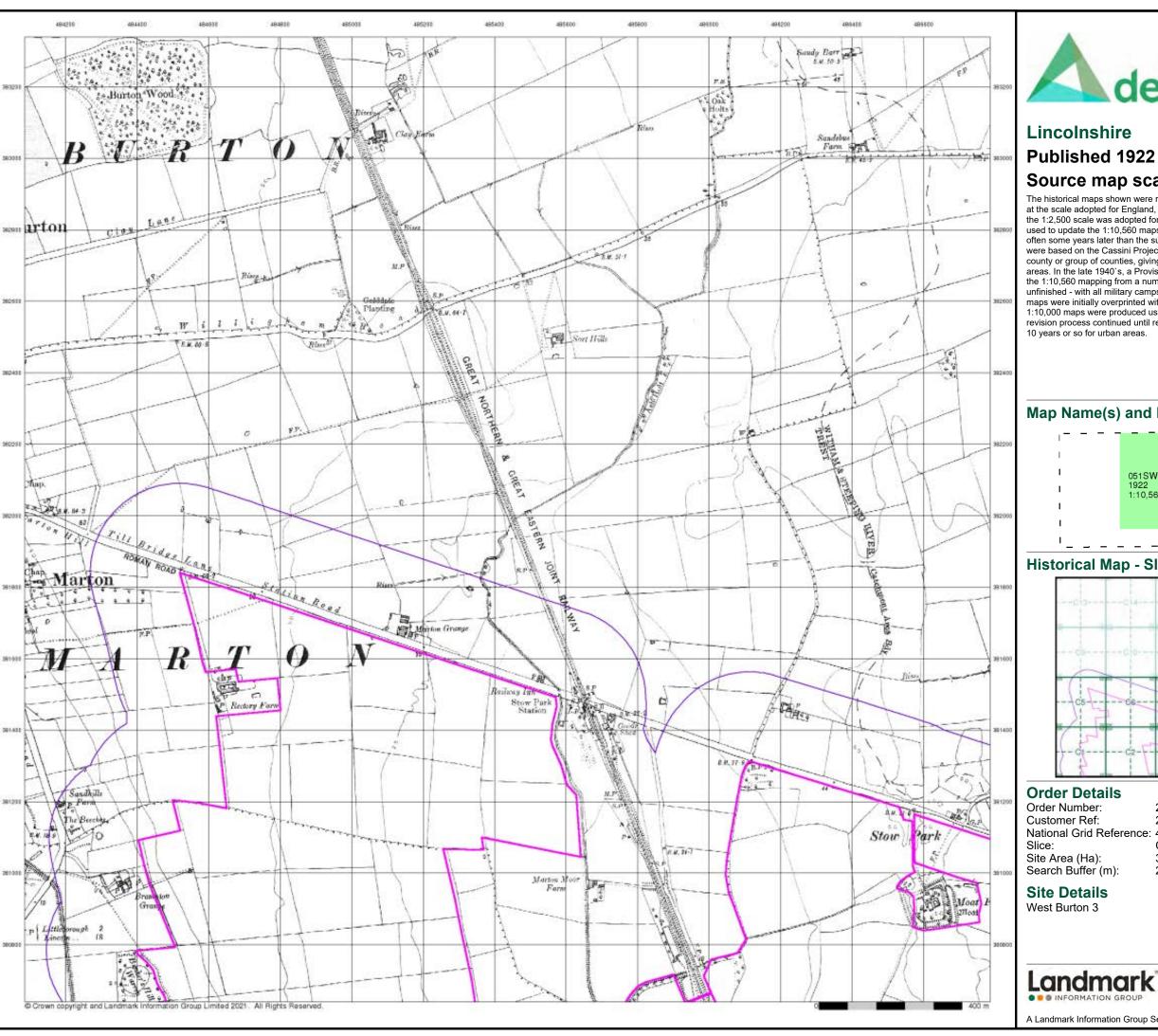
> 369.47 250

### **Site Details**



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 5 of 12

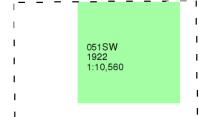




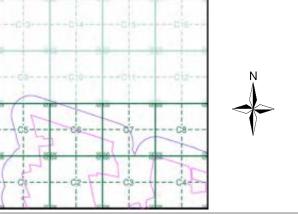
## Source map scale - 1:10,560

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 C**



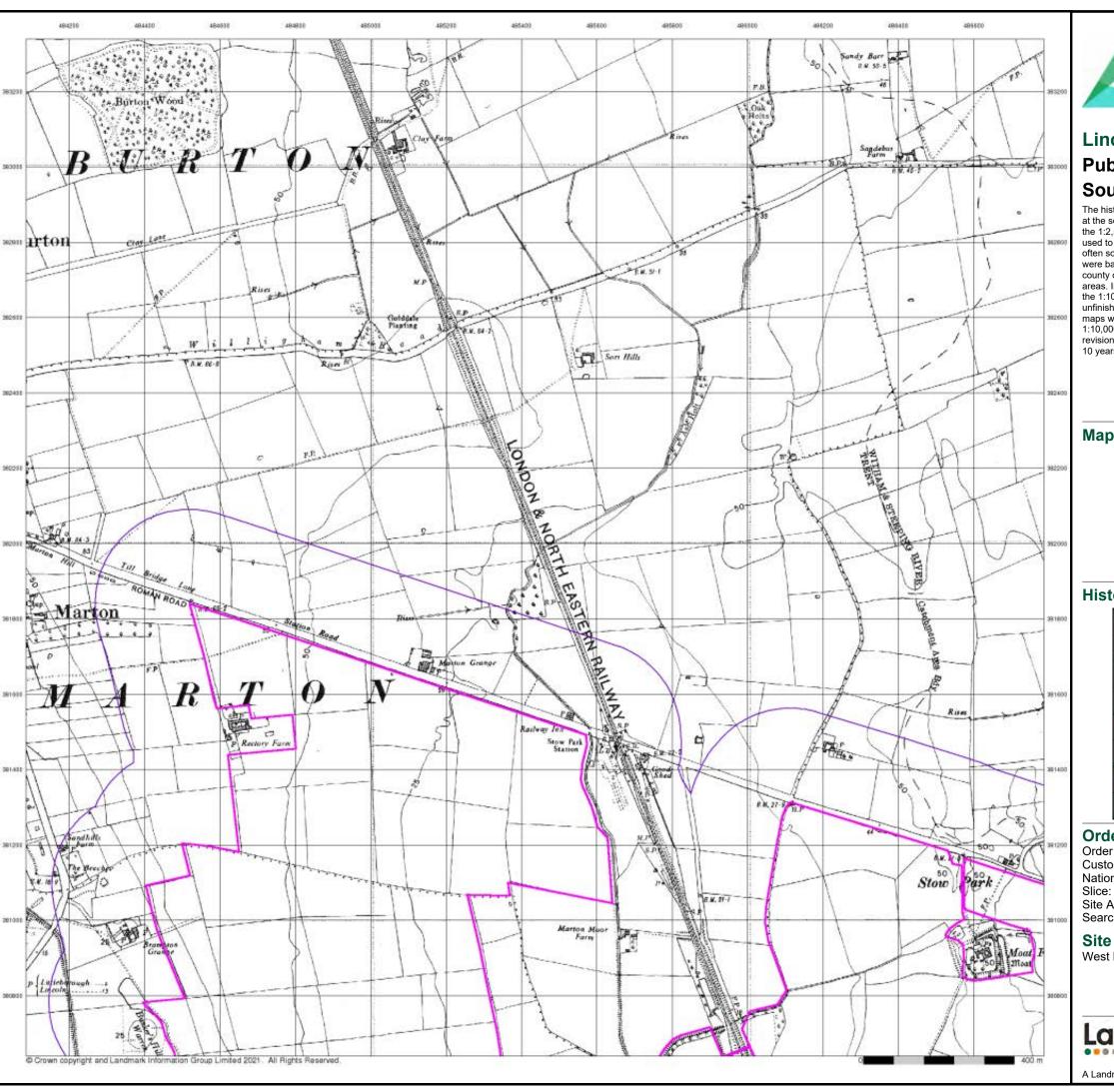
287331952_1_1 21-1098.02 National Grid Reference: 485360, 381210

> 369.47 250



0844 844 9951 www.enviroched

A Landmark Information Group Service v50.0 04-Nov-2021 Page 6 of 12

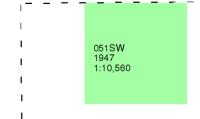




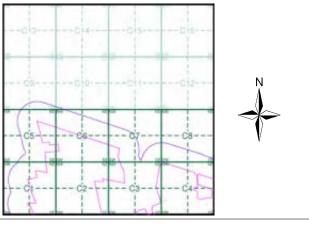
## **Published 1947** Source map scale - 1:10,560

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 C**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47

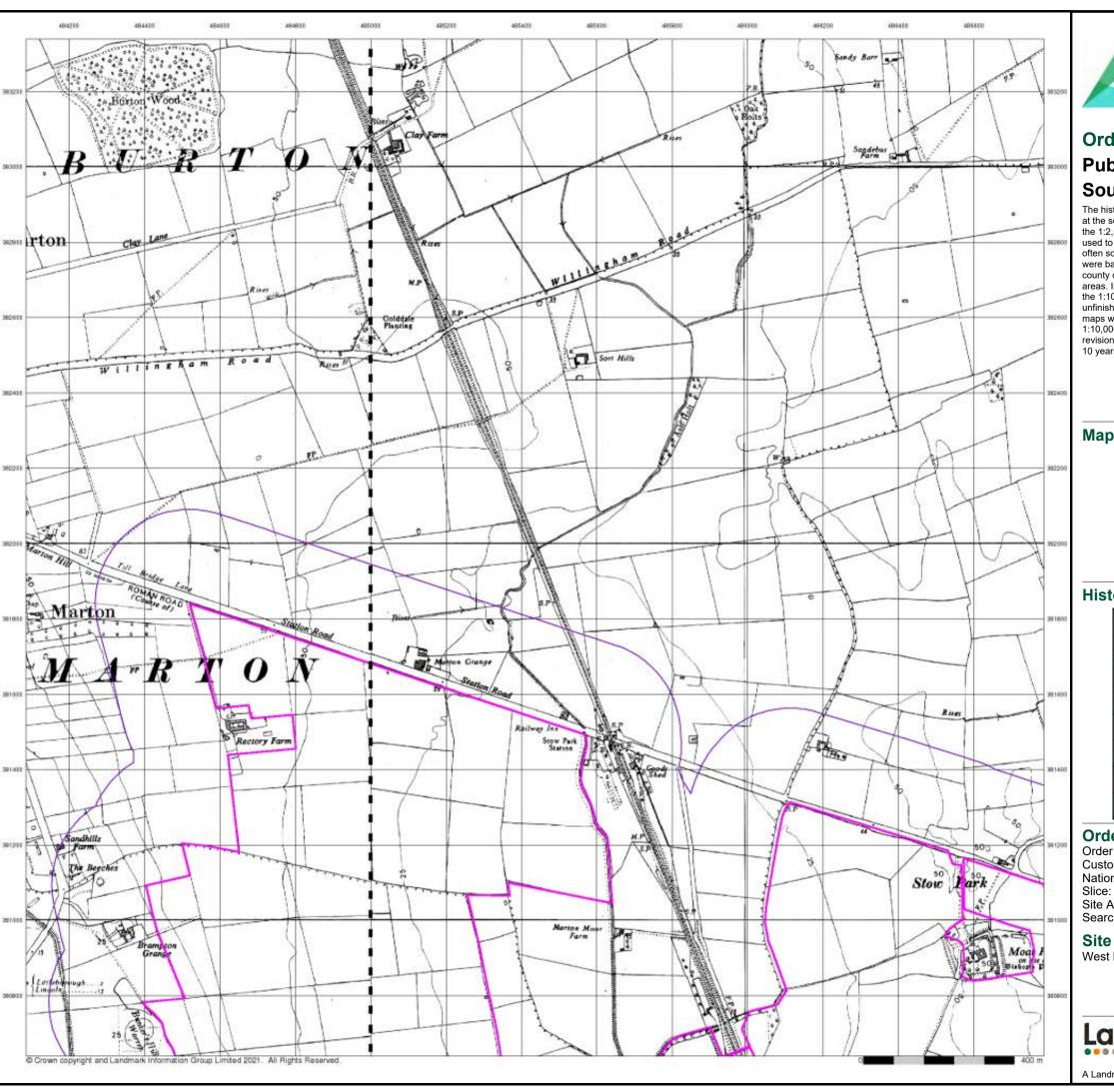
### **Site Details**

West Burton 3



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 7 of 12

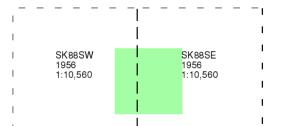




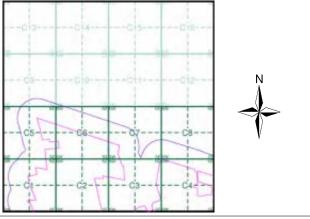
## **Ordnance Survey Plan** Published 1956 Source map scale - 1:10,000

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 C**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47

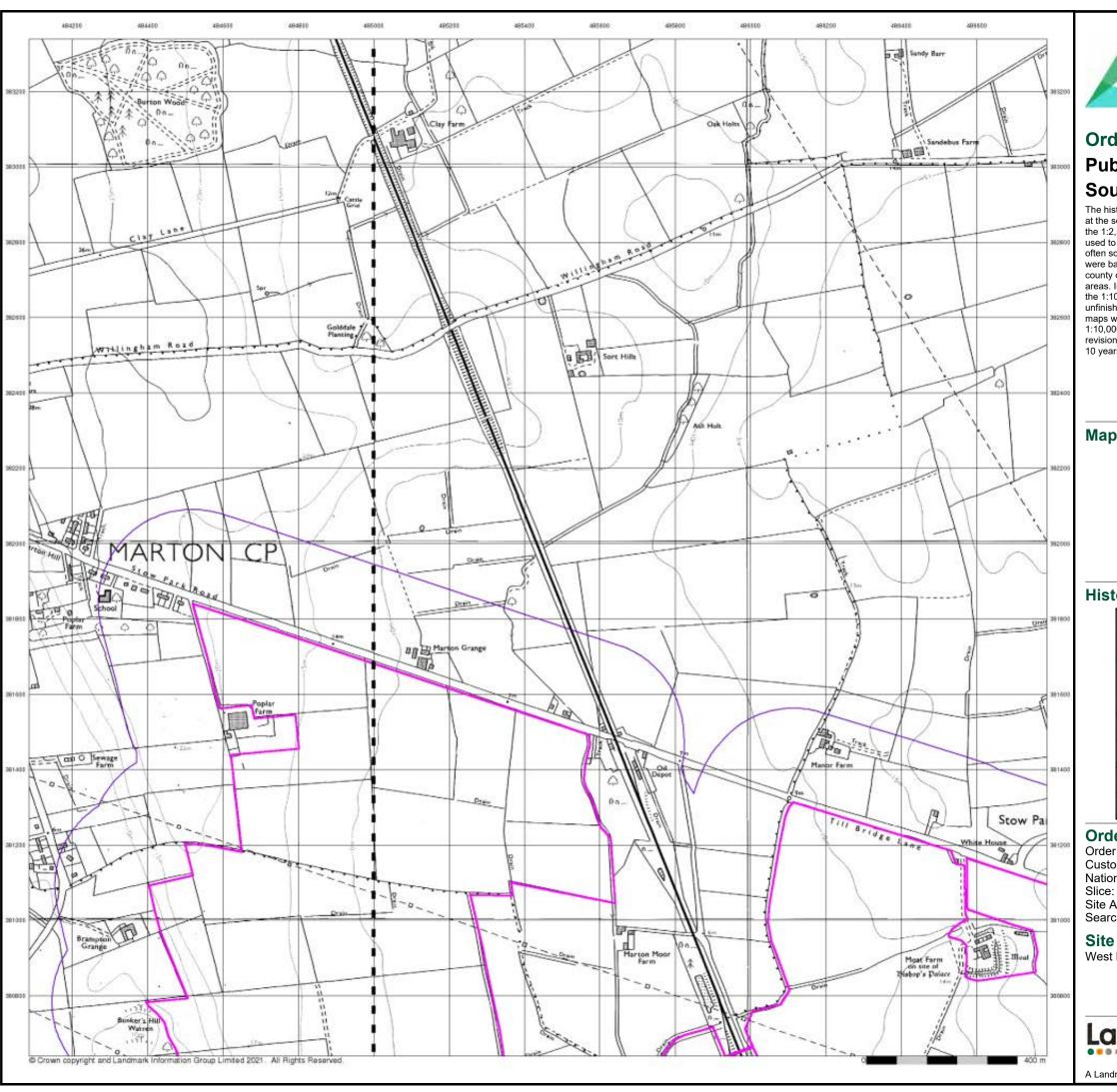
### **Site Details**

West Burton 3

Landmark

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 8 of 12

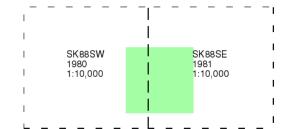




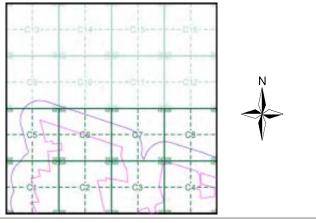
## **Ordnance Survey Plan** Published 1980 - 1981 Source map scale - 1:10,000

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 C**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47

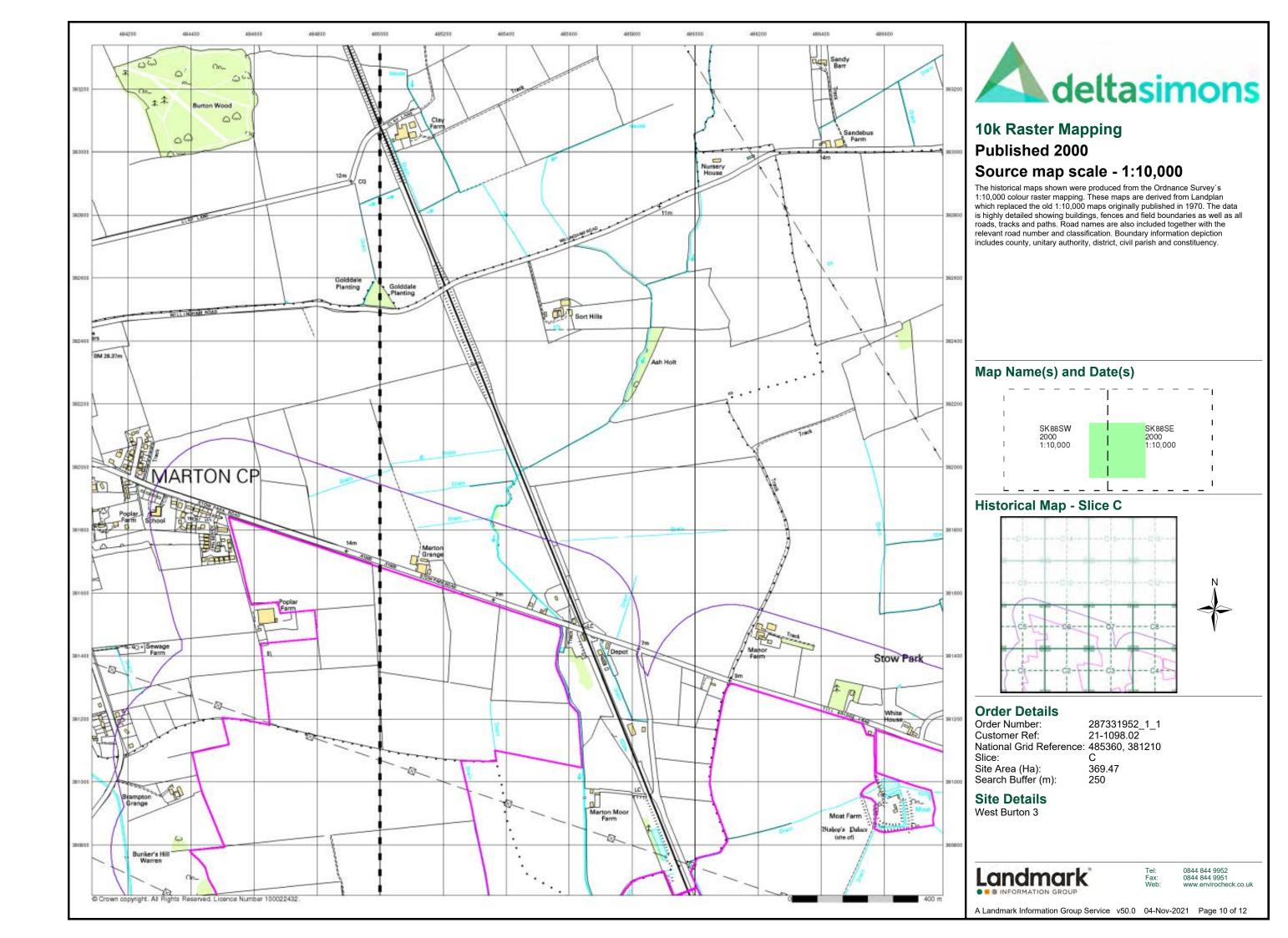
### **Site Details**

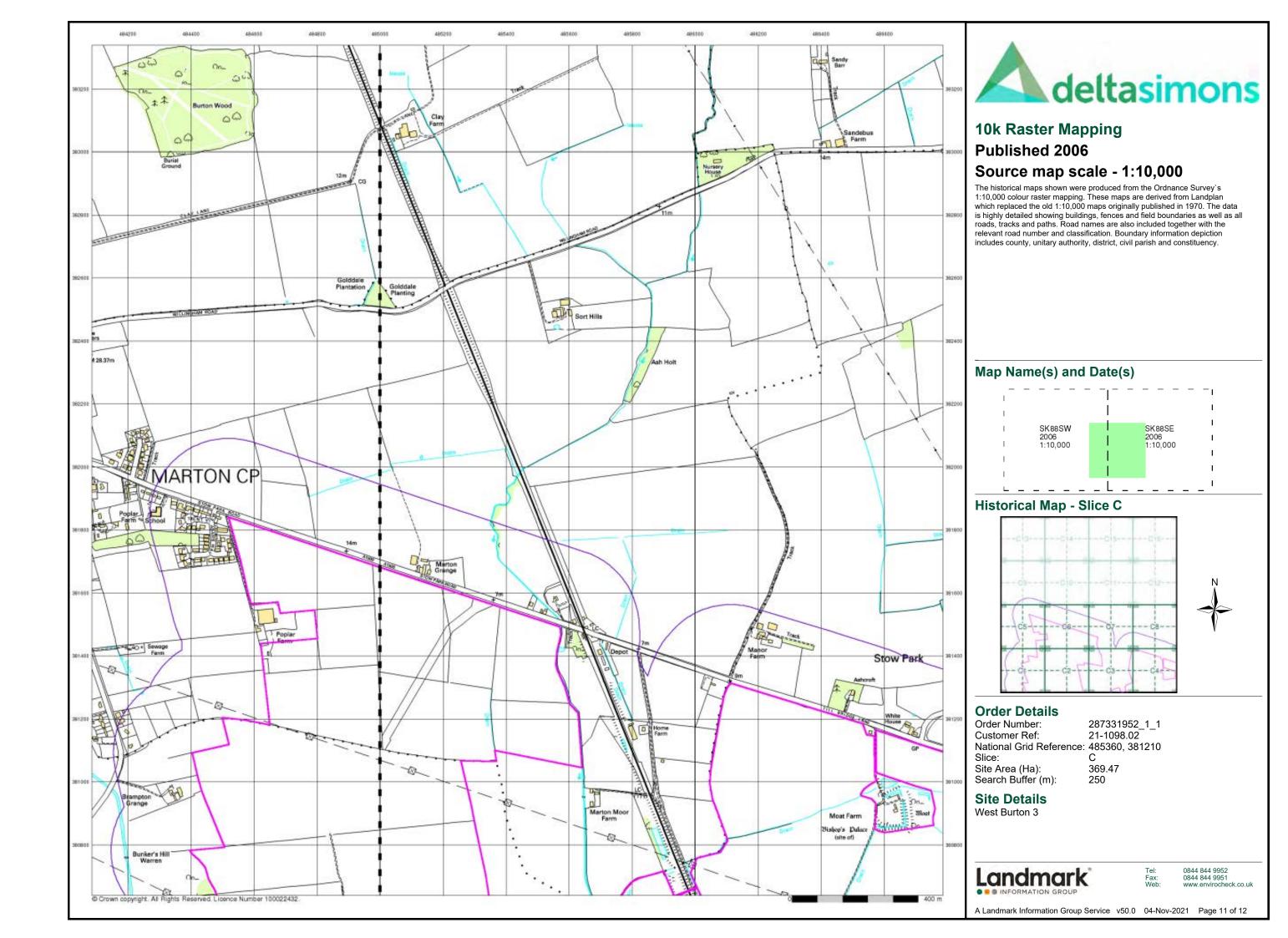
West Burton 3

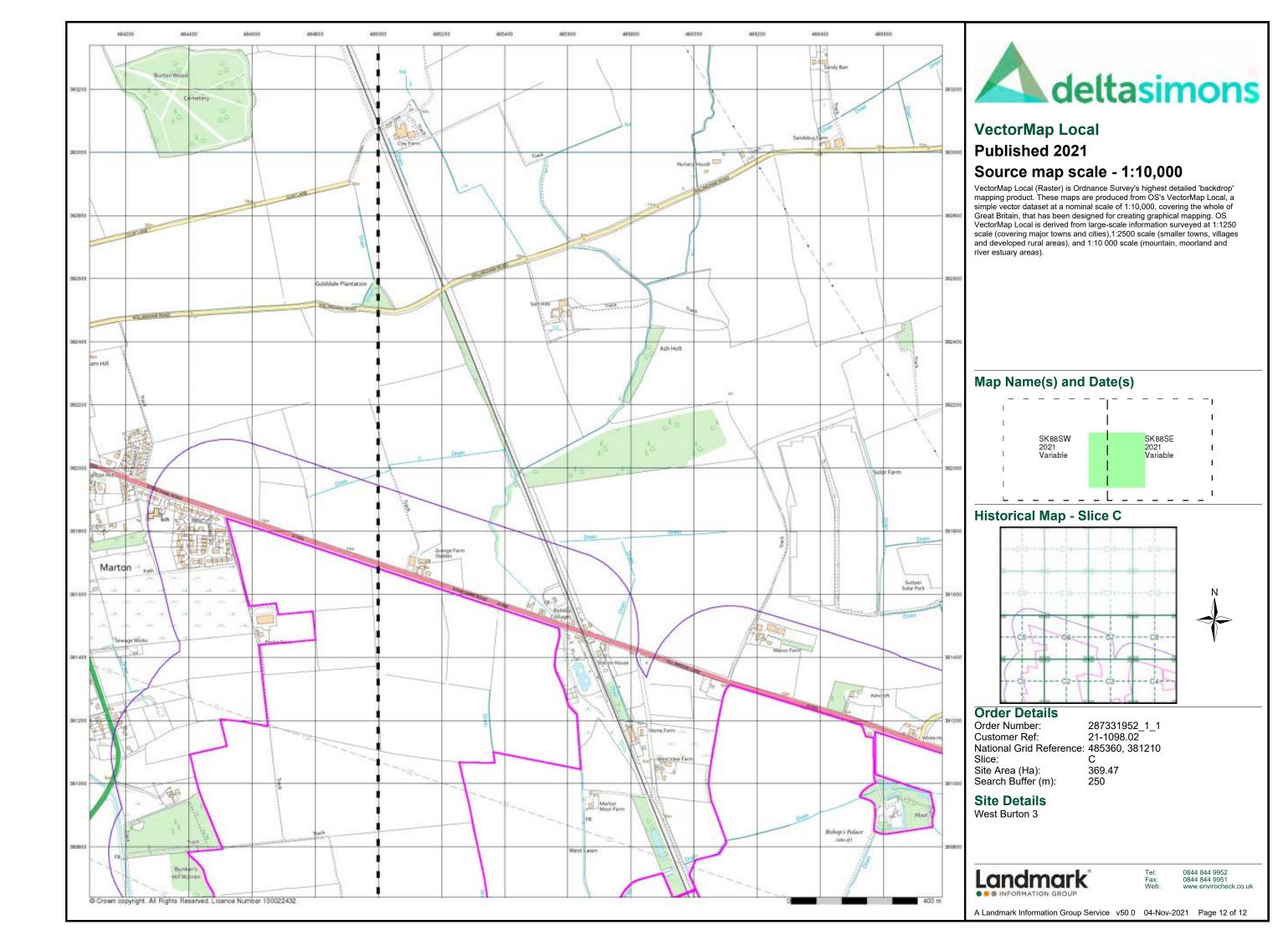
Landmark

0844 844 9951 www.enviroched

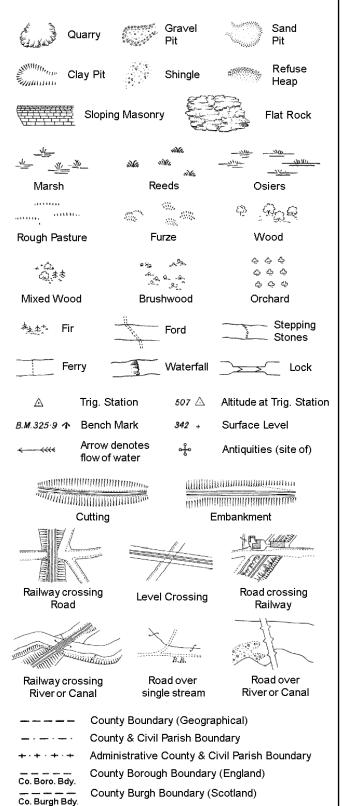
A Landmark Information Group Service v50.0 04-Nov-2021 Page 9 of 12







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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

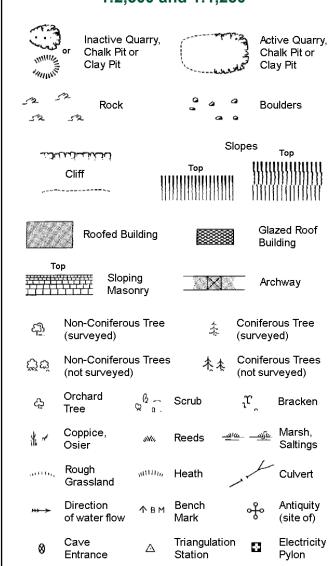
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



_ E_T_L	Electricity ⁻	Transmis	sion Line	

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

., .	_	-	
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

Slopes

			Slopes Top			
	 Clitt		Top			
222	Rock		23	Rock (	scattered)	
	Boulders		Δ	Boulde	ers (scattered)	
	Positioned	Boulder		Scree		
ረ ነን	Non-Conif (sur∨eyed	erous Tree )	\$	Conife (surve	erous Tree yed)	
C 3 C 1	Non-Conif (not surve	erous Trees yed)	大大		erous Trees urveyed)	
A 35	Orchard Tree	Q a.	Scrub	'n	Bracken	
	Coppice, Osier	siVe,	Reeds -	<u>ചിശ_ ചു</u>	Marsh, Saltings	
	Rough Grassland	mun,	Heath	1	Culvert	
,,,,	Direction of water flo	Δ	Triangulatio Station	on of	Antiquity (site of)	
E_T_L	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon	
\ <del>€</del> \BM :	231.6ûm E	ench Mark			ings with ing Seed	
	Roofe	ed Building		××	Glazed Roof Building	
		Civil parish	/community	houndar	-v	
		District box			,	
			-			
_ •		County bou	-			
		Boundary p				
۵			nereing sym ear in oppos			
Bks	Barracks		Р	Pillar, F	Pole or Post	
Bty	Battery		PO	Post C		
Cemy	Cemetery		PC	Public	Convenience	
Chy	Chimney		Pp	Pump		
Cis	Cistern		Ppg Sta		ng Station	
Dismtd Rly		tled Railway	PW		ofWorship	
El Gen Sta	a Electric Station	ity Generating	Sewage	Ppg Sta	Sewage Pumping Station	
EIP		Pole, Pillar	SB, S Br	Signal	Box or Bridge	
	a Electricity		SP, SL	_	Post or Light	
FB	Filter Bed		Spr	Spring	_	
			•		-	

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

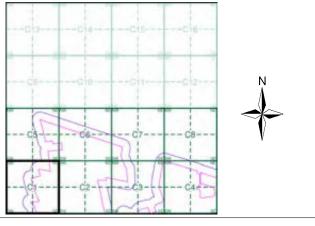
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974	5
Additional SIMs	1:2,500	1993	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

### **Historical Map - Segment C1**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

Site Area (Ha):

369.47 Search Buffer (m):

#### **Site Details** West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

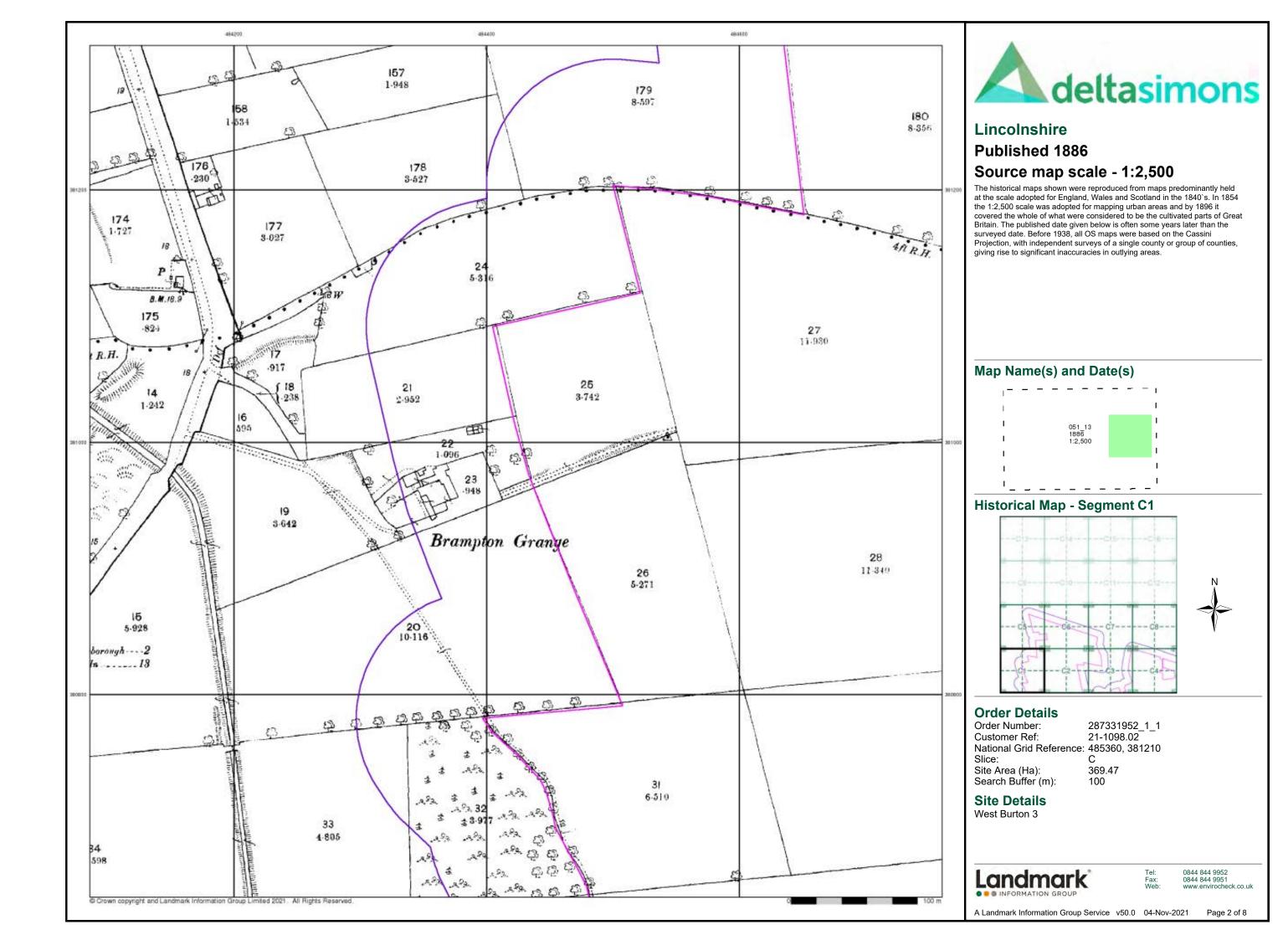
Wd Pp

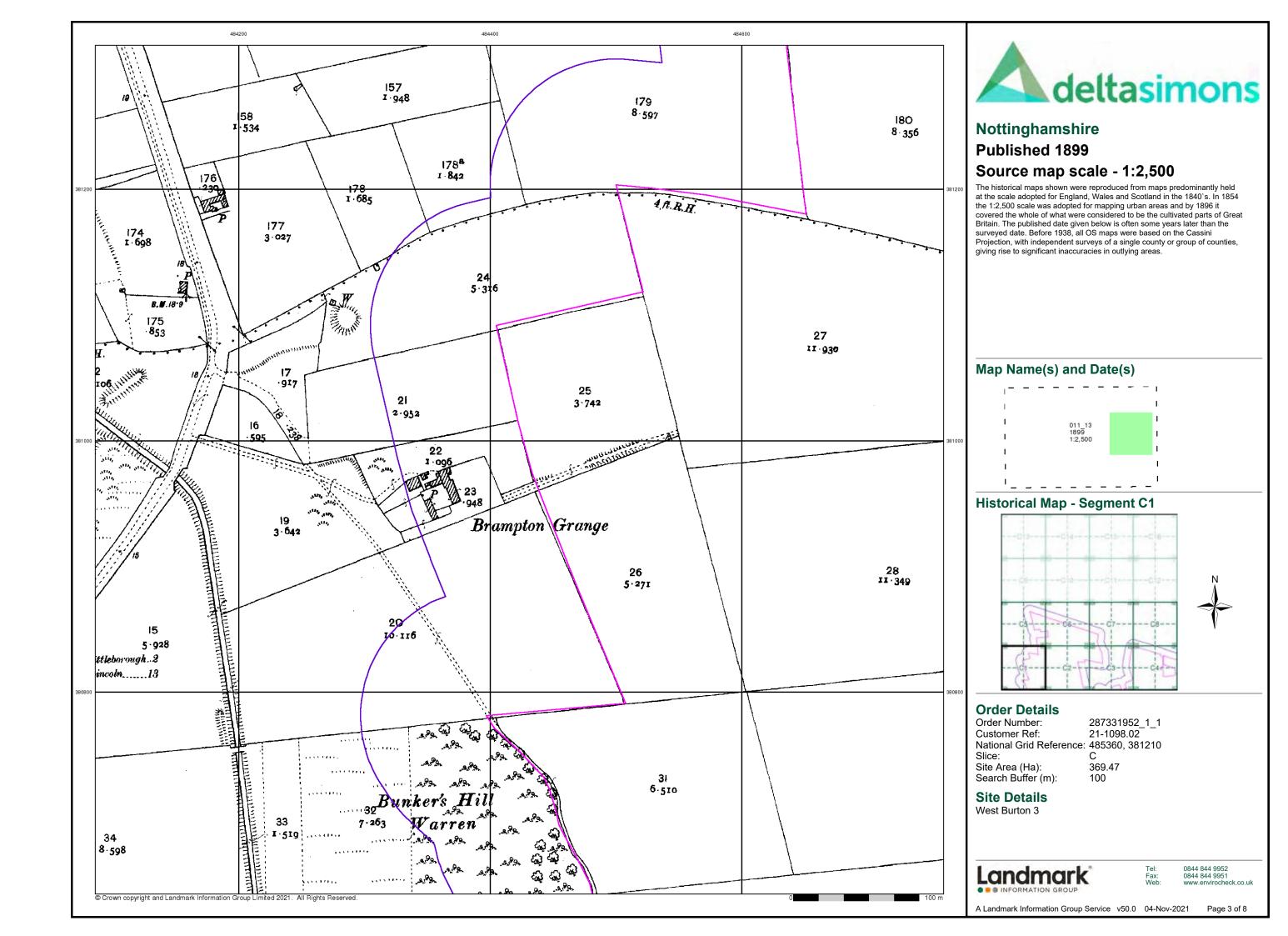
Wks

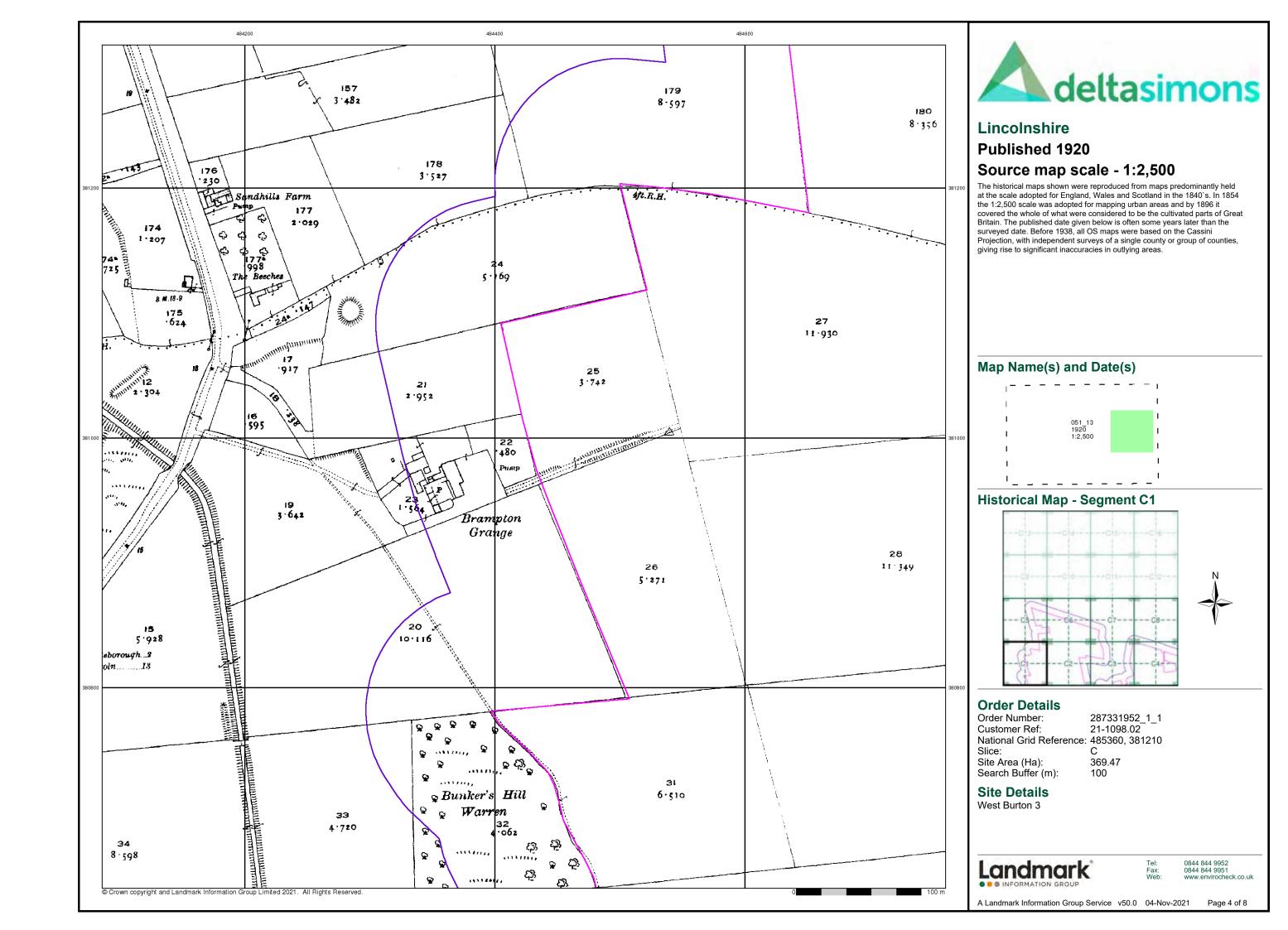
Landmark

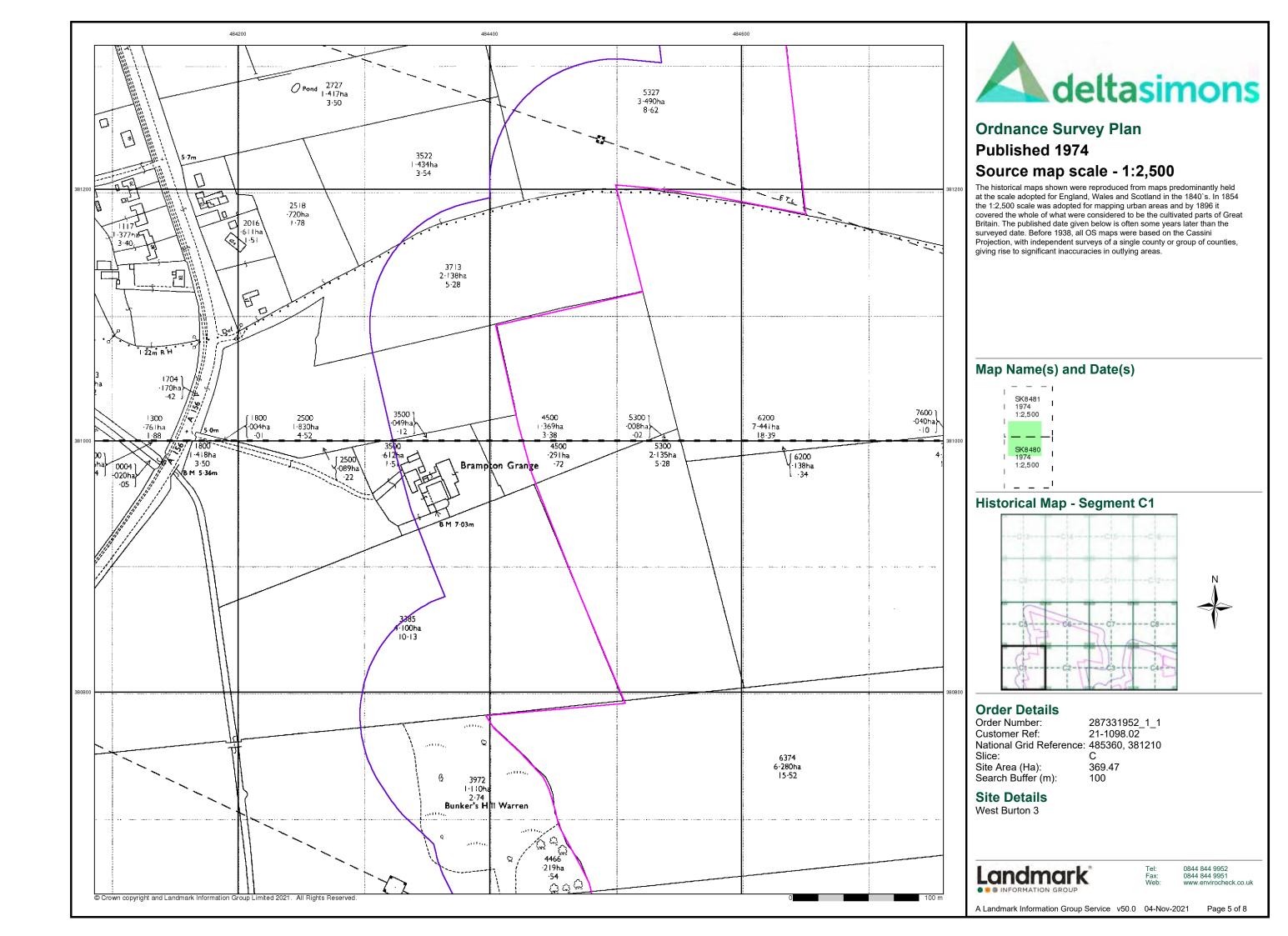
0844 844 9952 0844 844 9951

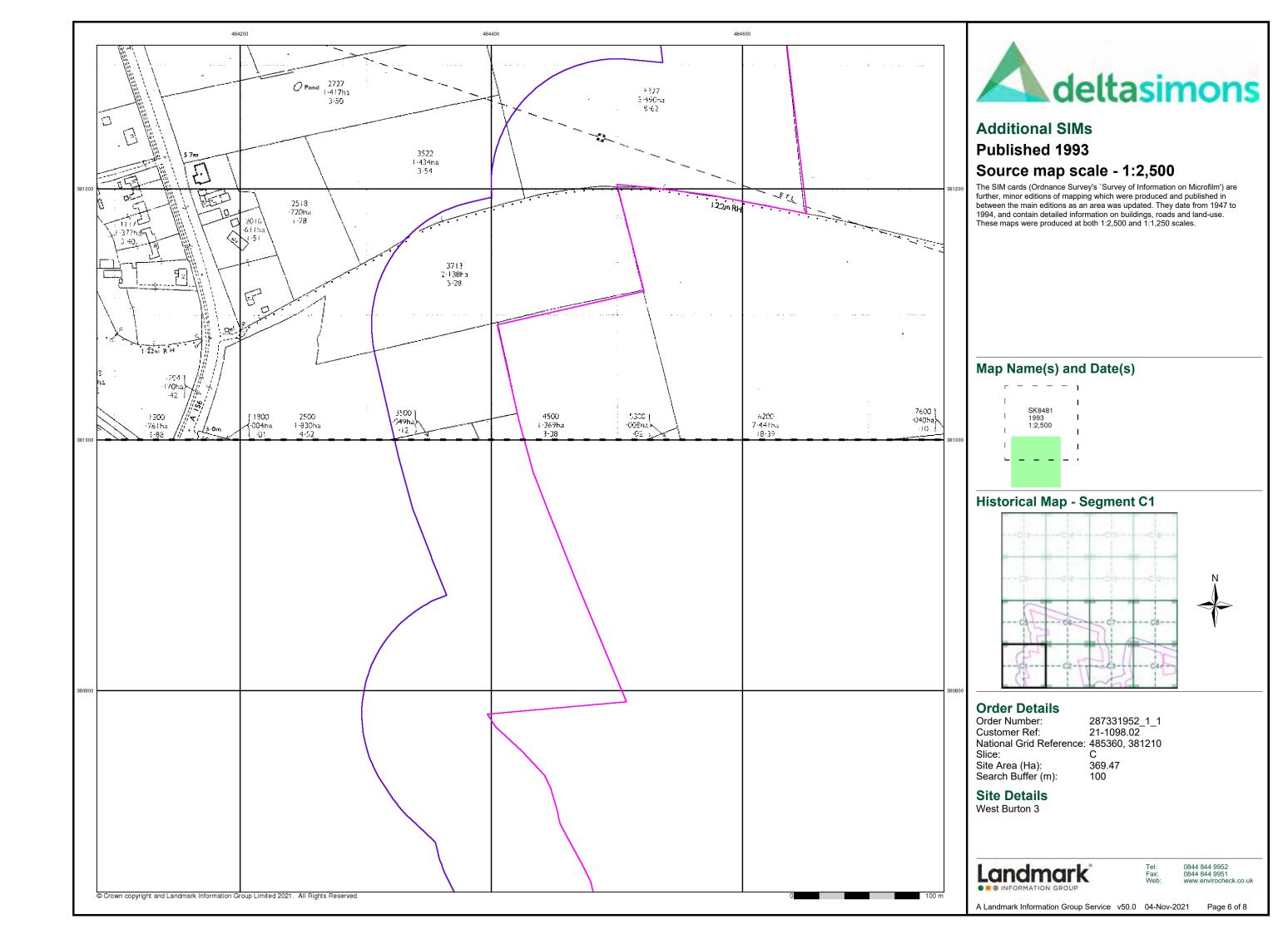
Page 1 of 8

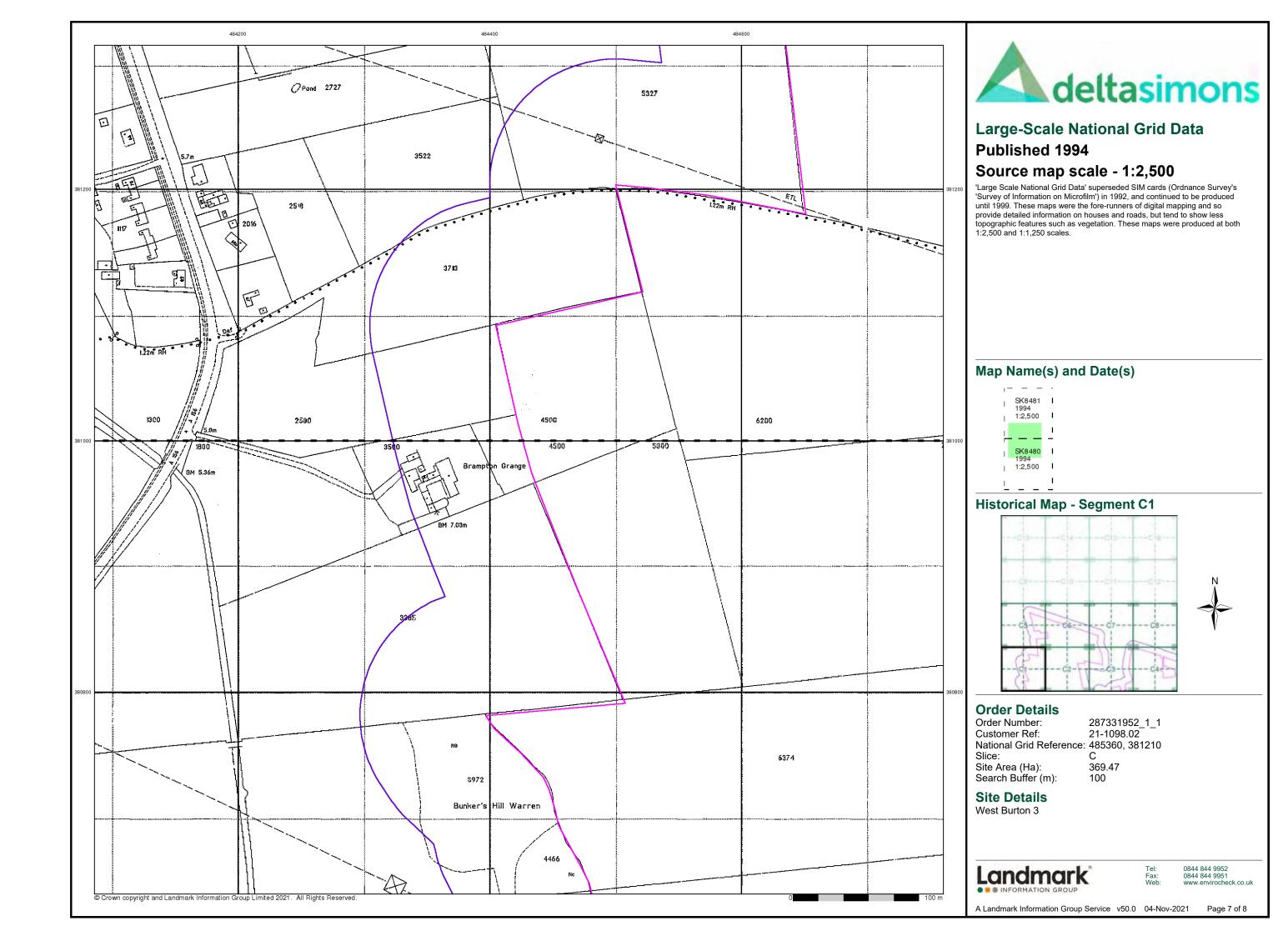












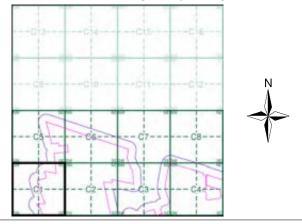




## **Historical Aerial Photography** Published 1999

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 C1**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

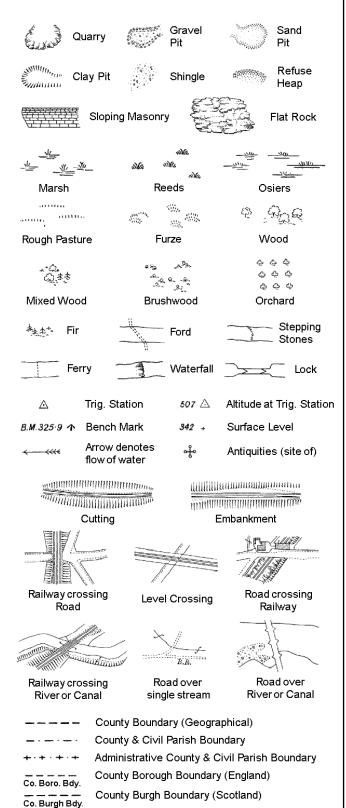
**Site Details** 

West Burton 3

Landmark*

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



B.R.

E.P

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

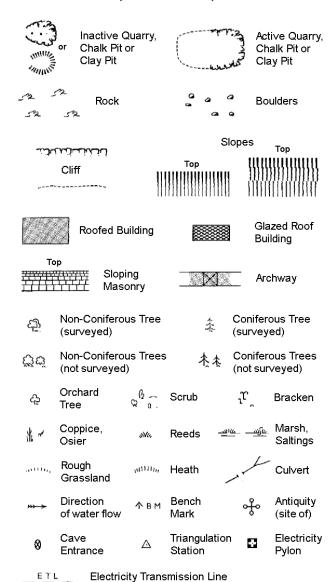
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



#### County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

Gas Governer

Mile Post or Mile Stone

**Guide Post** 

Manhole

Wd Pp

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

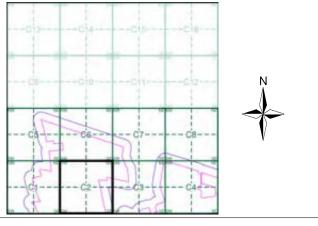
			Slopes Top			
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	Cliff	1111				
				1)[[][[		
Da	Rock		7.32	Rock (so	cattered)	
$\triangle_{\Delta}$	Boulders		₽	Boulders	s (scattered)	
	Positioned B	oulder		Scree		
<u>ක</u> ු	Non-Conifero (surveyed)	ous Tree	*	Coniferd (surveye	ous Tree ed)	
స్తోల్	Non-Coniferd (not surveyed		* **	Conifero	ous Trees /eyed)	
දා	Orchard Tree	φ ⁶ α.	Scrub	J,	Bracken	
* ~	Coppice, Osier	istu,	Reeds 🛥	)ালে <i>স্মা</i> লি	Marsh, Saltings	
actities,	Rough Grassland	mum,	Heath	1	Culvert	
<del>&gt;&gt;&gt; ≻</del>	Direction of water flow	Δ	Triangulation Station	, &	Antiquity (site of)	
E_TL	_ Electricity	Transmis	ssion Line	$\boxtimes$	Electricity Pylon	
/ <del>/</del> / вм	231.60m Ber	nch Mark		Building Building	gs with g Seed	
	Roofed	Building		23	azed Roof uilding	
		ivil pariob	/community b	oundary		
· <u>·</u>		istrict bo	=	ouridar y		
			-			
_ •	_	ounty bou				
9	» В	oundary p	ost/stone			
٨	≥ al		mereing symb pear in oppose			
Bks	Barracks		Р	Pillar, Po	le or Post	
Bty	Battery		PO	Post Offi		
Cemy	Cemetery		PC	Public C	onvenience	
Chy	Chimney		Pp	Pump		
Cis	Cistern		Ppg Sta	Pumping		
Dismtd F El Gen S	-	-	PW Sewage P	Place of	Worship ewage	
El Gell 3	Station	Generating	Sewaye F		awage Jimping Station	
EIP	Electricity Po		SB, S Br	Signal B	ox or Bridge	
El Sub S	ta Electricity Su	b Station	SP, SL	Signal P	ost or Light	
FB	Filter Bed		Spr	Spring		
Fn/DFr		-	Tk -	Tank or 1	rack rack	
Gas Gov	Gas Valve Co	mpound	Tr	Trough		



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Lincolnshire	1:2,500	1906	4
Lincolnshire	1:2,500	1920	5
Ordnance Survey Plan	1:2,500	1974	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8
Historical Aerial Photography	1:2,500	1999	9

### **Historical Map - Segment C2**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

369.47

Site Area (Ha):

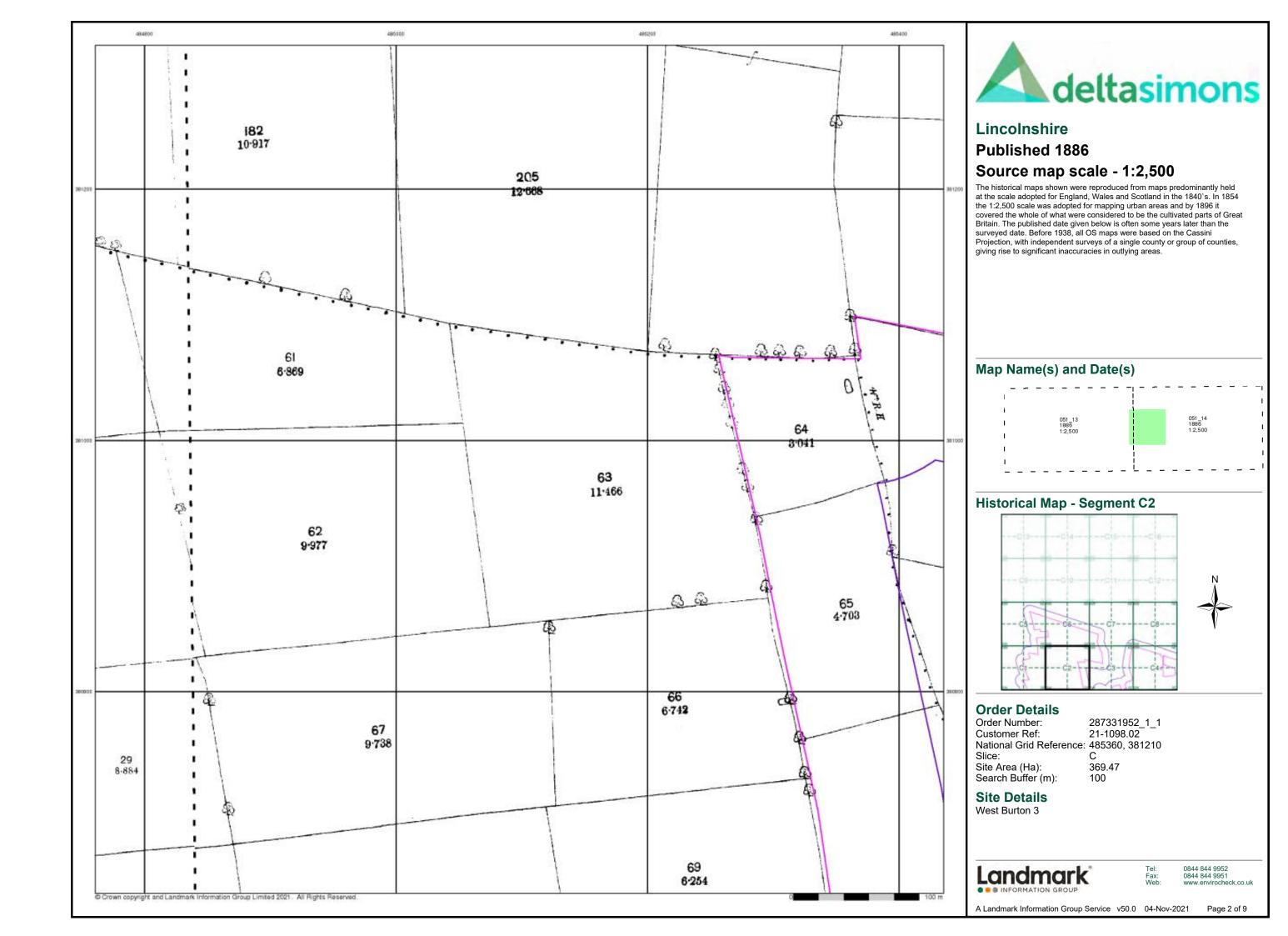
Search Buffer (m):

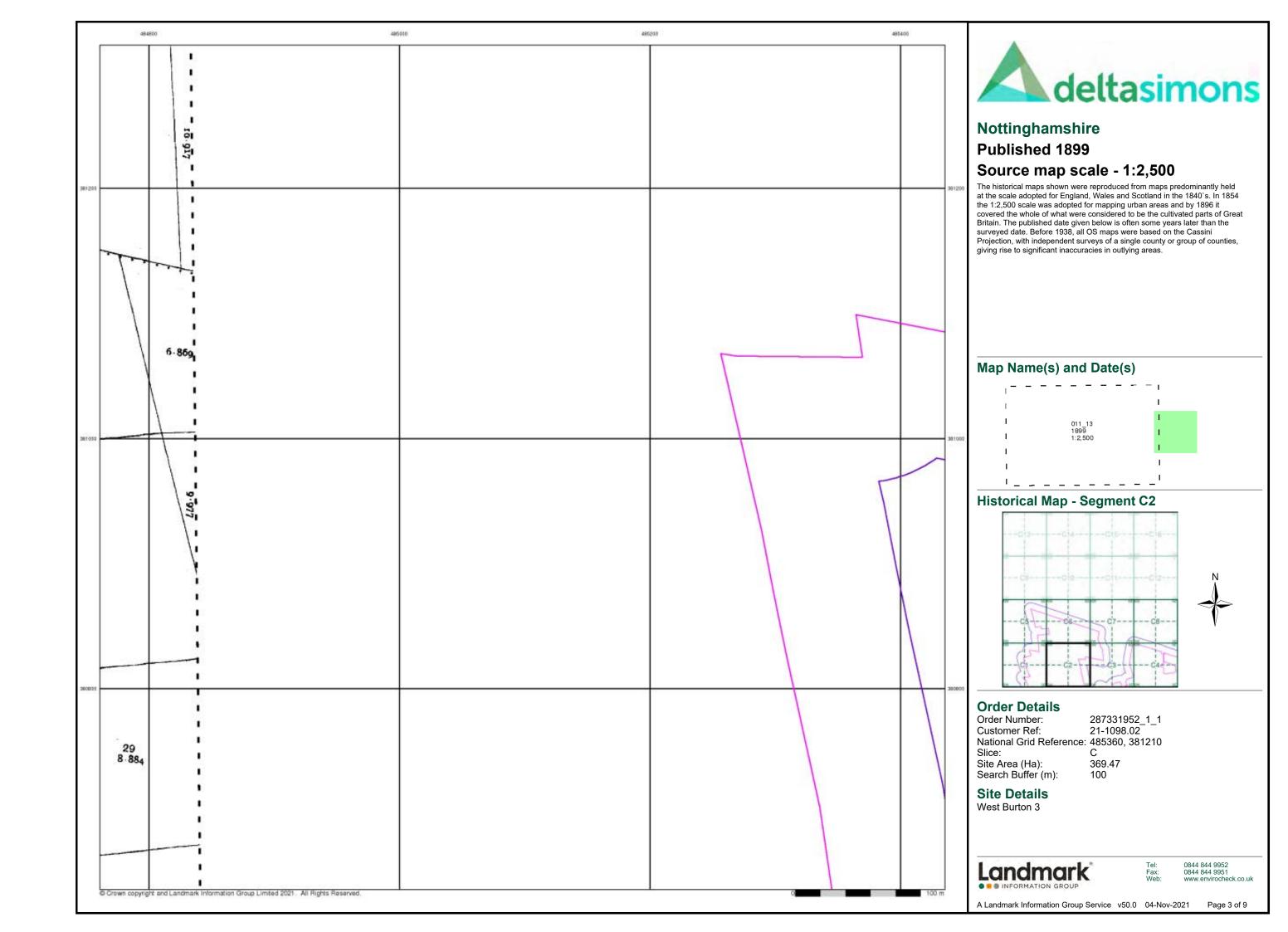
**Site Details** West Burton 3

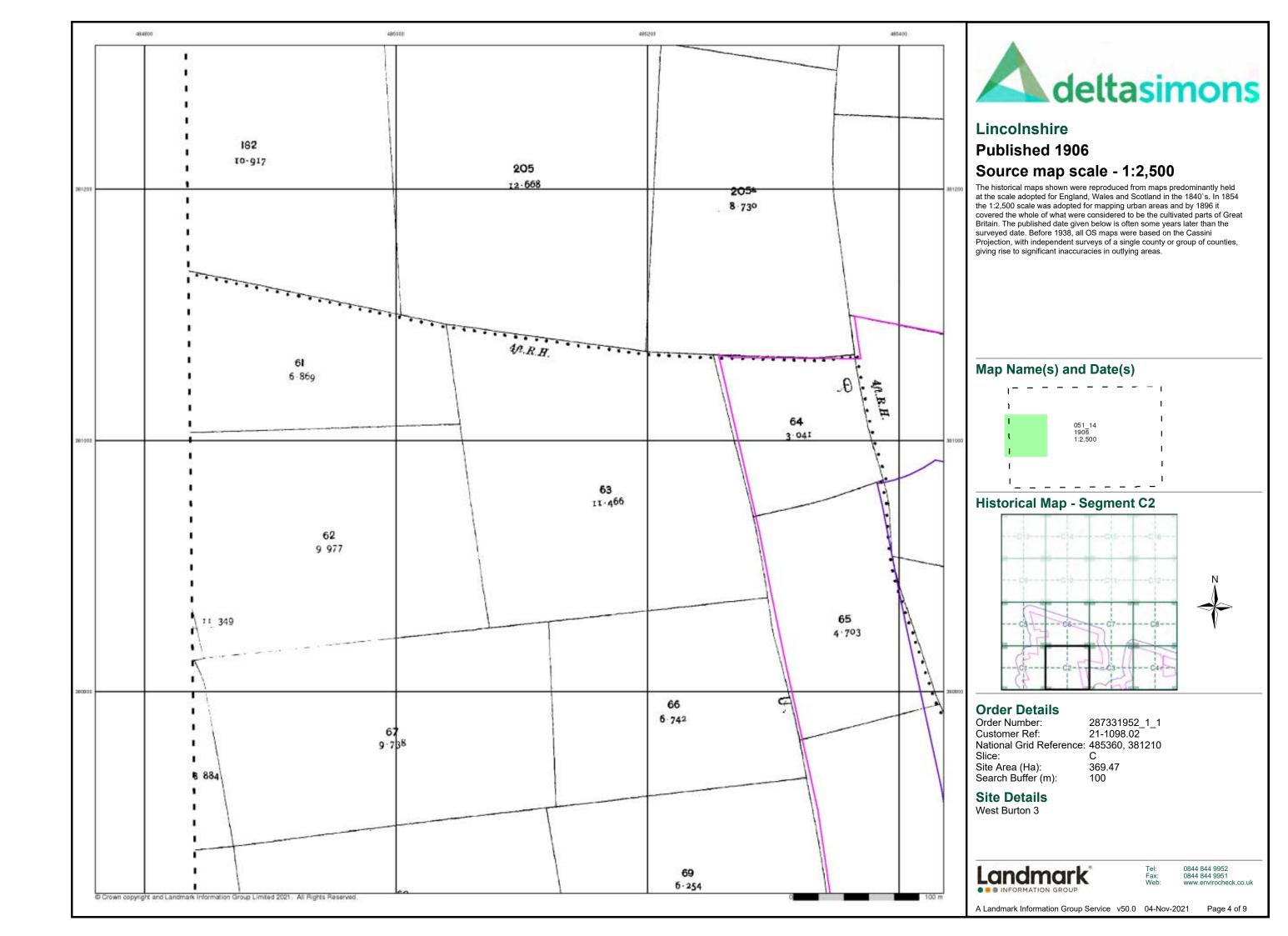


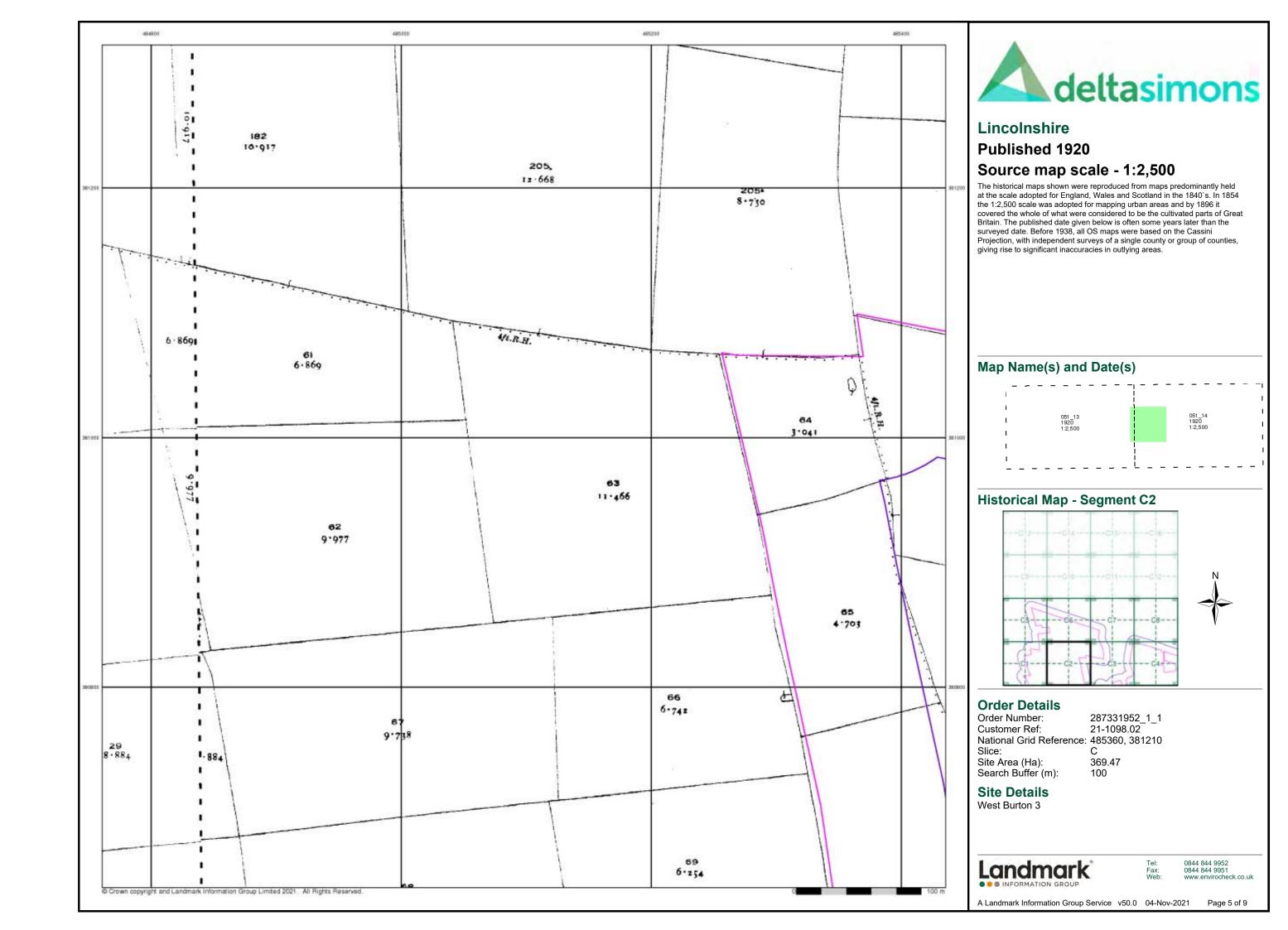
0844 844 9952 0844 844 9951

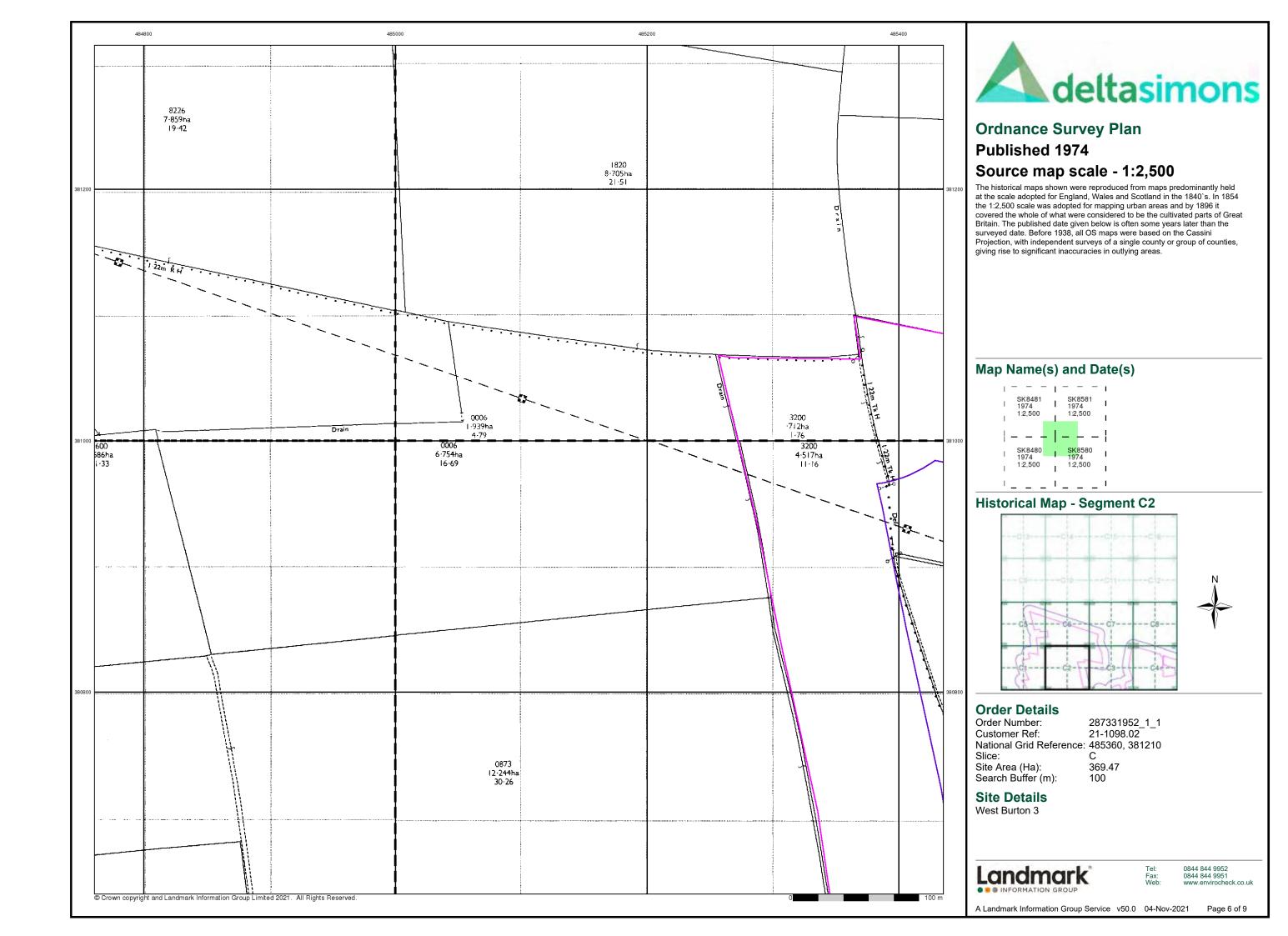
Page 1 of 9

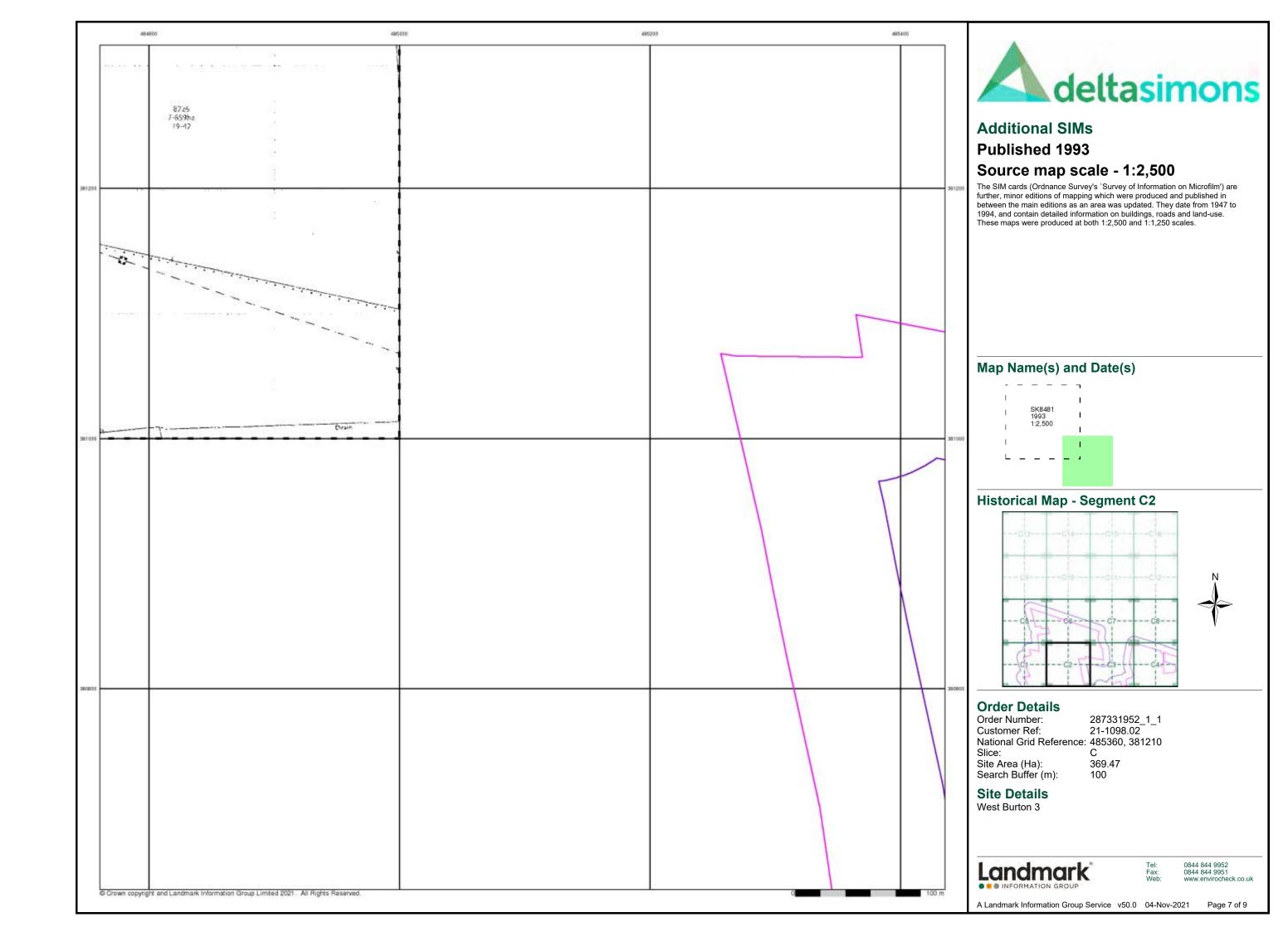


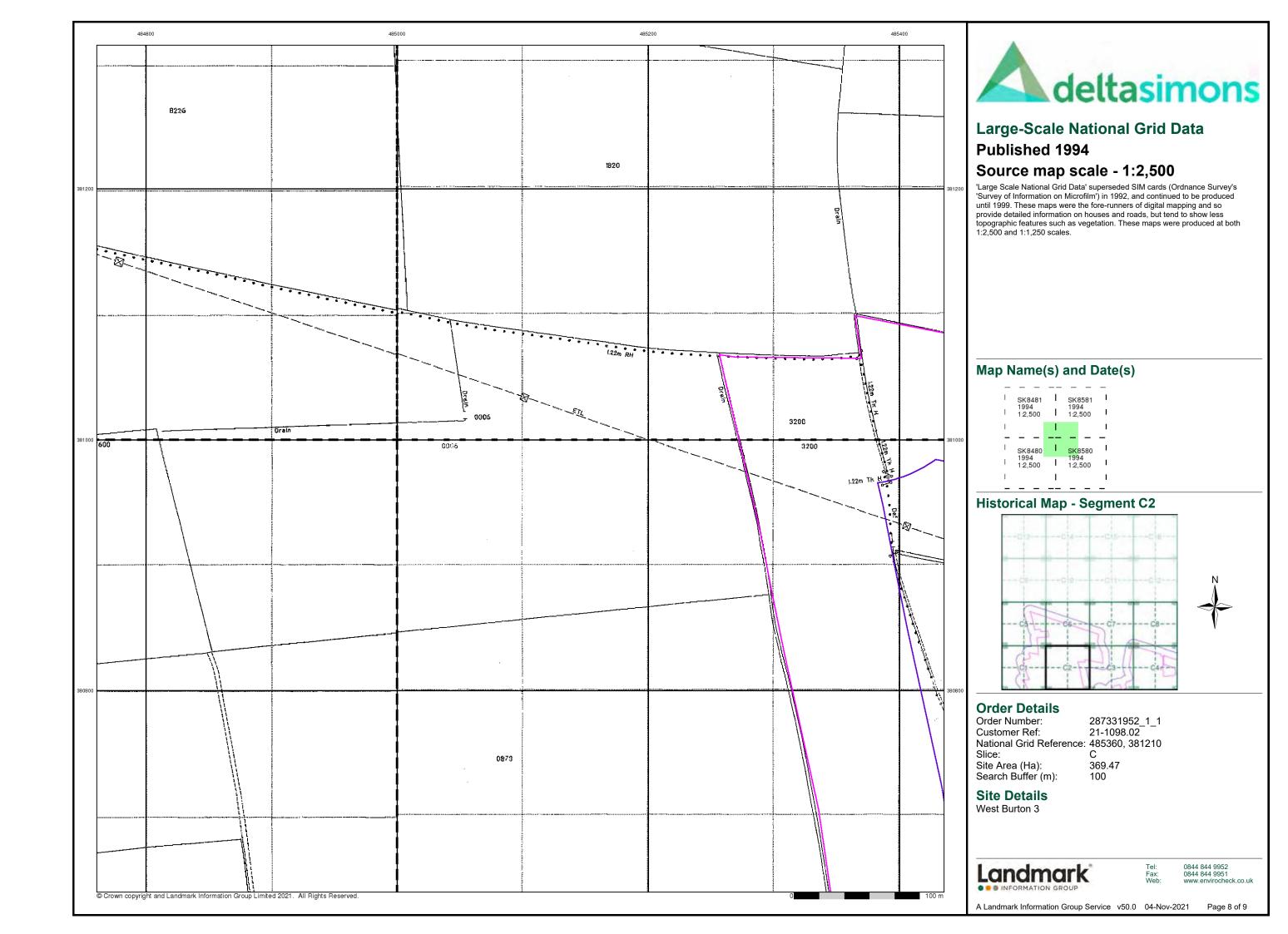


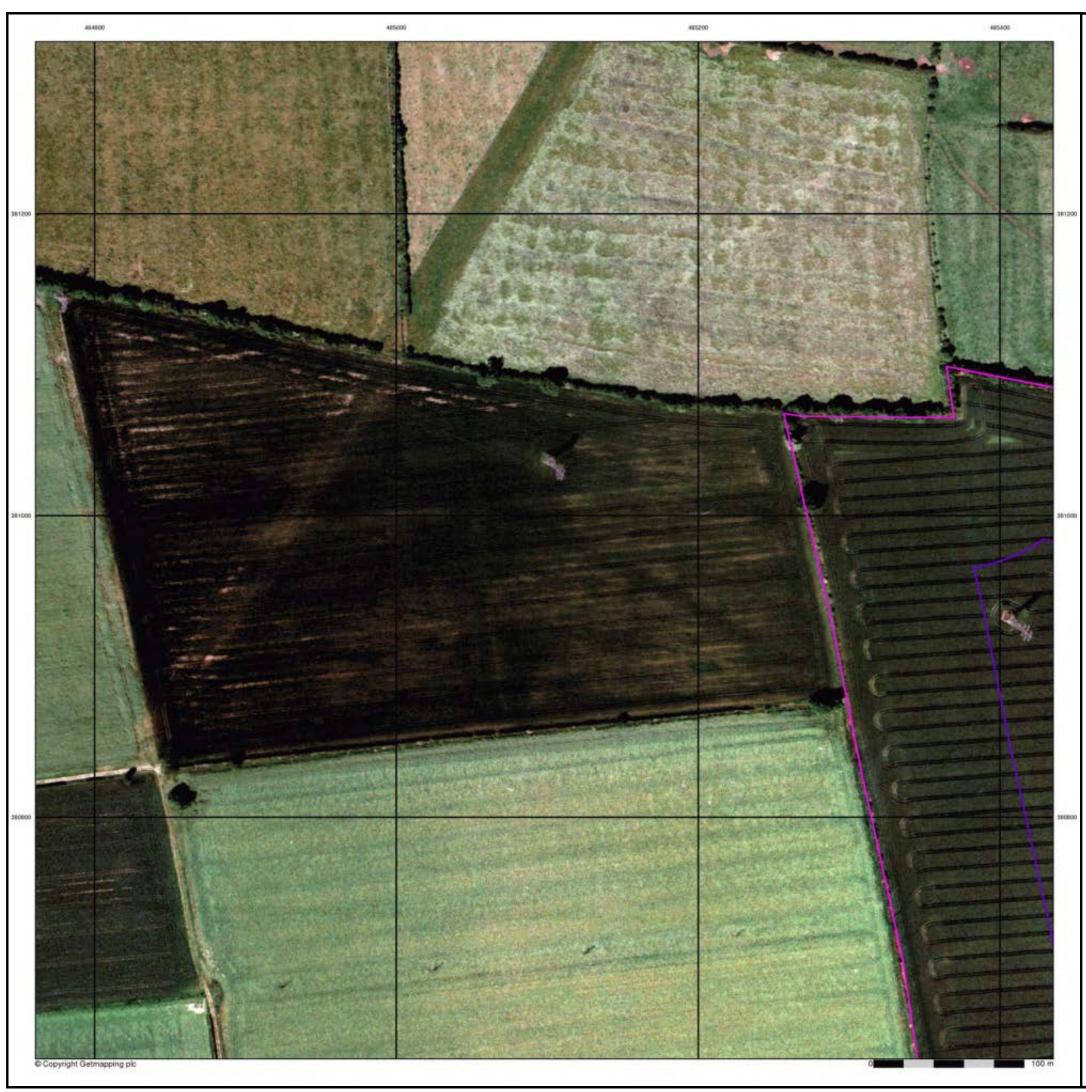










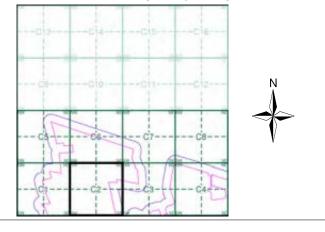




## **Historical Aerial Photography** Published 1999

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 C2**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210 Slice:

Site Area (Ha): Search Buffer (m): 369.47

**Site Details** 

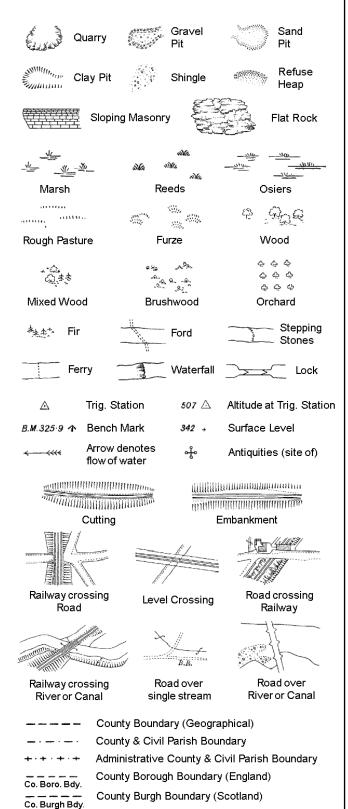
West Burton 3

Landmark*

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 9 of 9

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

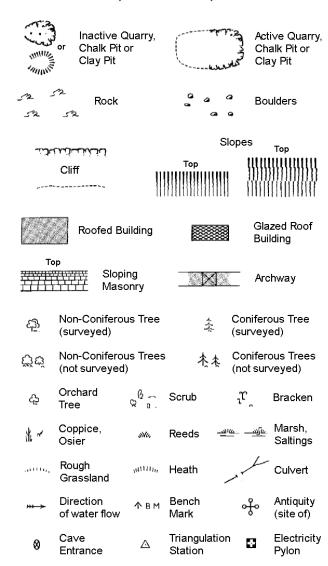
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slopes Top			
	للخطيان		Тор	uu	uuumu	
	Cliff	1111			991100000	
,		[[]]	mmmmm	11111	11111111111	
232	Rock		23	Rock (	scattered)	
$\Omega_{\Delta}$	Boulders		0	Boulde	ers (scattered)	
	Positioned	Boulder		Scree		
<u> </u>	Non-Conifo (surveyed)	erous Tree	*	Conife (surve	rous Tree yed)	
Öö	Non-Conife (not surve	erous Trees /ed)	* **		rous Trees ırveyed)	
දා	Orchard Tree	Q a.	Scrub	¹ L	Bracken	
* ~	Coppice, Osier	aNu,	Reeds =	<u>।।ए —ग्र</u> ी	Marsh, Saltings	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rough Grassland	$uuun_{t_t}$	Heath	1	Culvert	
<del>&gt;&gt;&gt; →</del>	Direction of water flo	Δ	Triangulation Station	ુ નું	Antiquity (site of)	
E <u>T</u> L	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon	
\ ∤ BM	231.6úm E	ench Mark			ngs with ng Seed	
	Roofe	ed Building		25	Glazed Roof Building	
		Civil parish	/community b	oundar	v	
		District bou			,	
		County box	-			
_ •						
٥		Boundaryp		17.1	a.	
٥			nereing symb ear in oppos			
Bks	Barracks		Р	Pillar, F	Pole or Post	
Bty	Battery		PO	Post 0	ffice	
Cemy	Cemetery		PC	Public	Convenience	
Chy	Chimney		Pp	Pump		
Cis	Cistern		Ppg Sta		ng Station	
Dismtd R	ly Disman	lled Railway	PW	Place	ofWorship	
El Gen St	a Electric Station	ity Generating	Sewage F		Sewage Pumping Station	
EIP	Electricity	Pole, Pillar	SB, S Br		Box or Bridge	
El Sub St	a Electricity		SP, SL	_	Post or Light	
FB	Filter Bed		Spr	Spring	_	

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

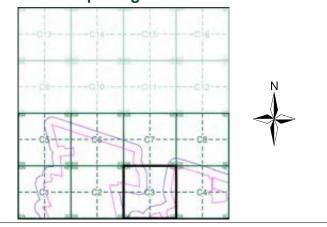
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment C3**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210

Slice:

Tank or Track

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

369.47 Site Area (Ha): Search Buffer (m):

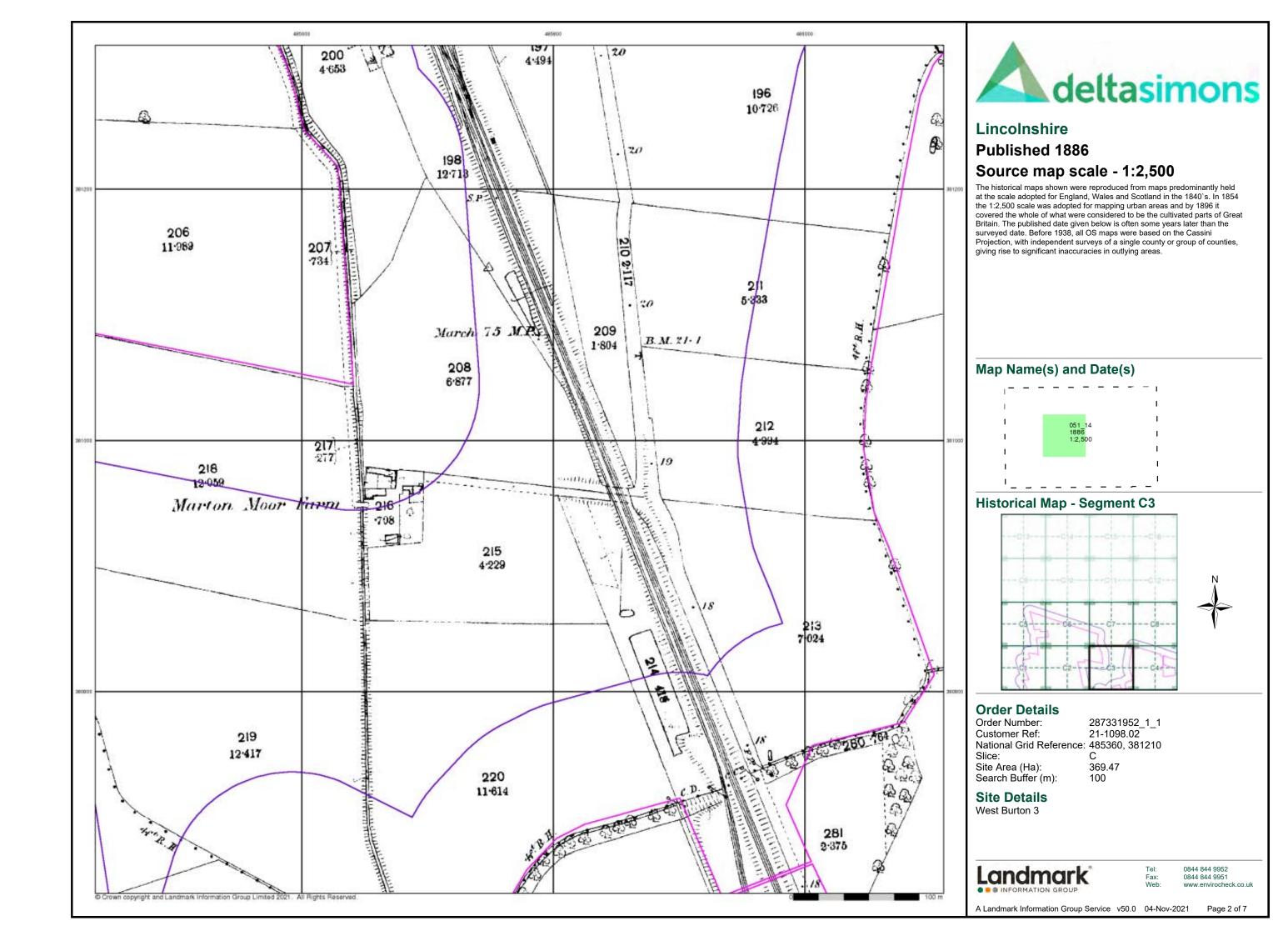
### **Site Details**

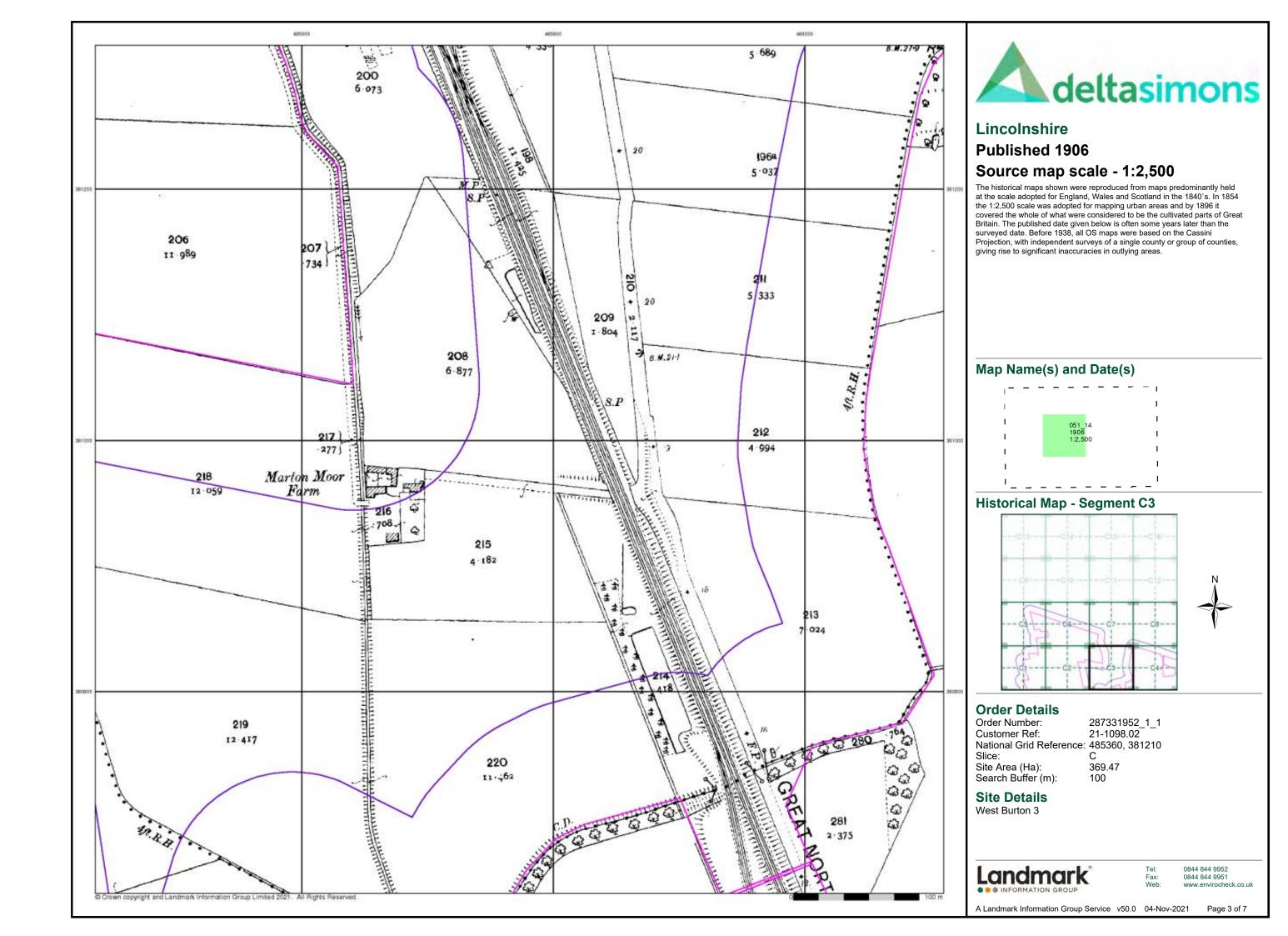
West Burton 3

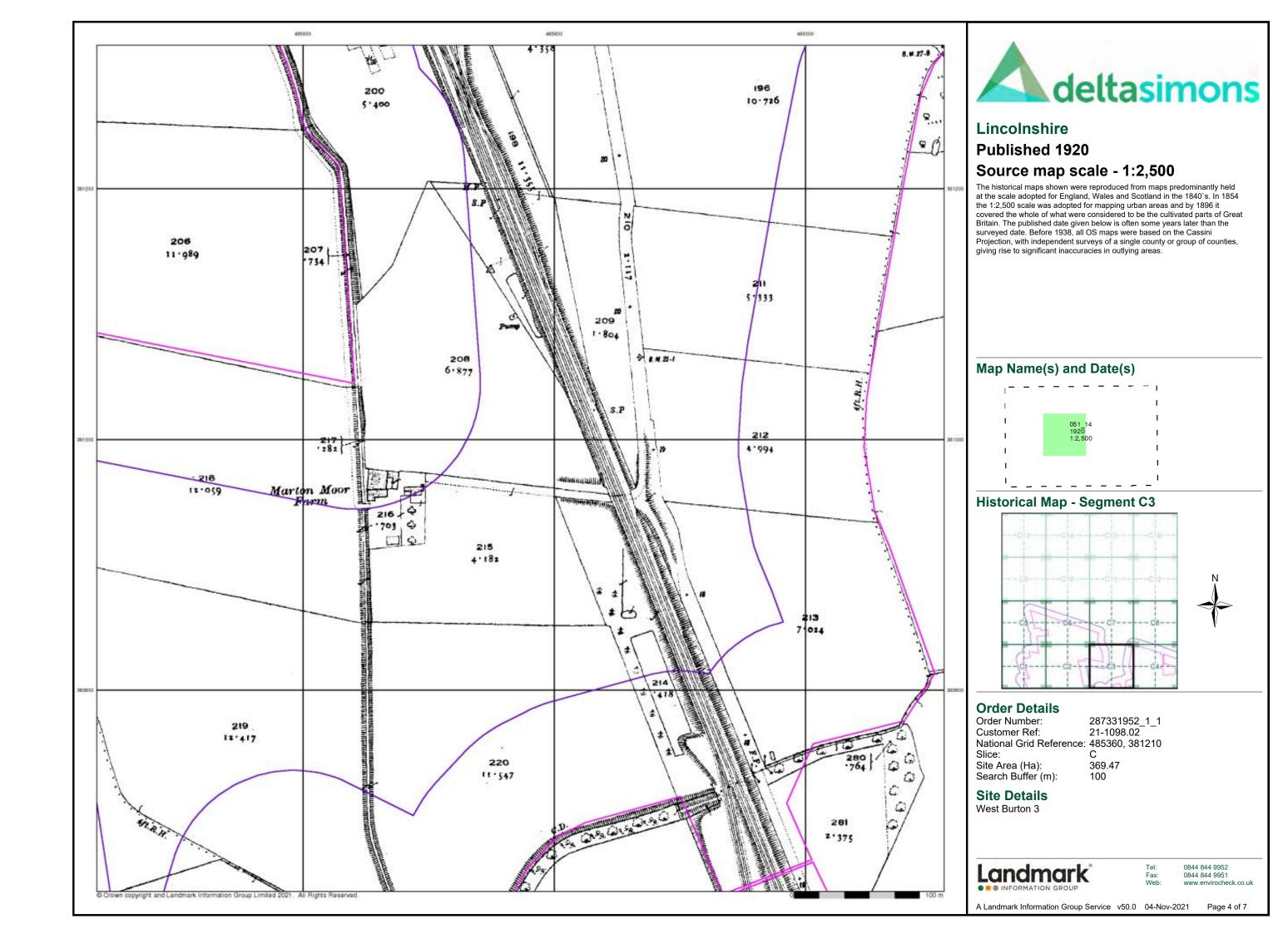


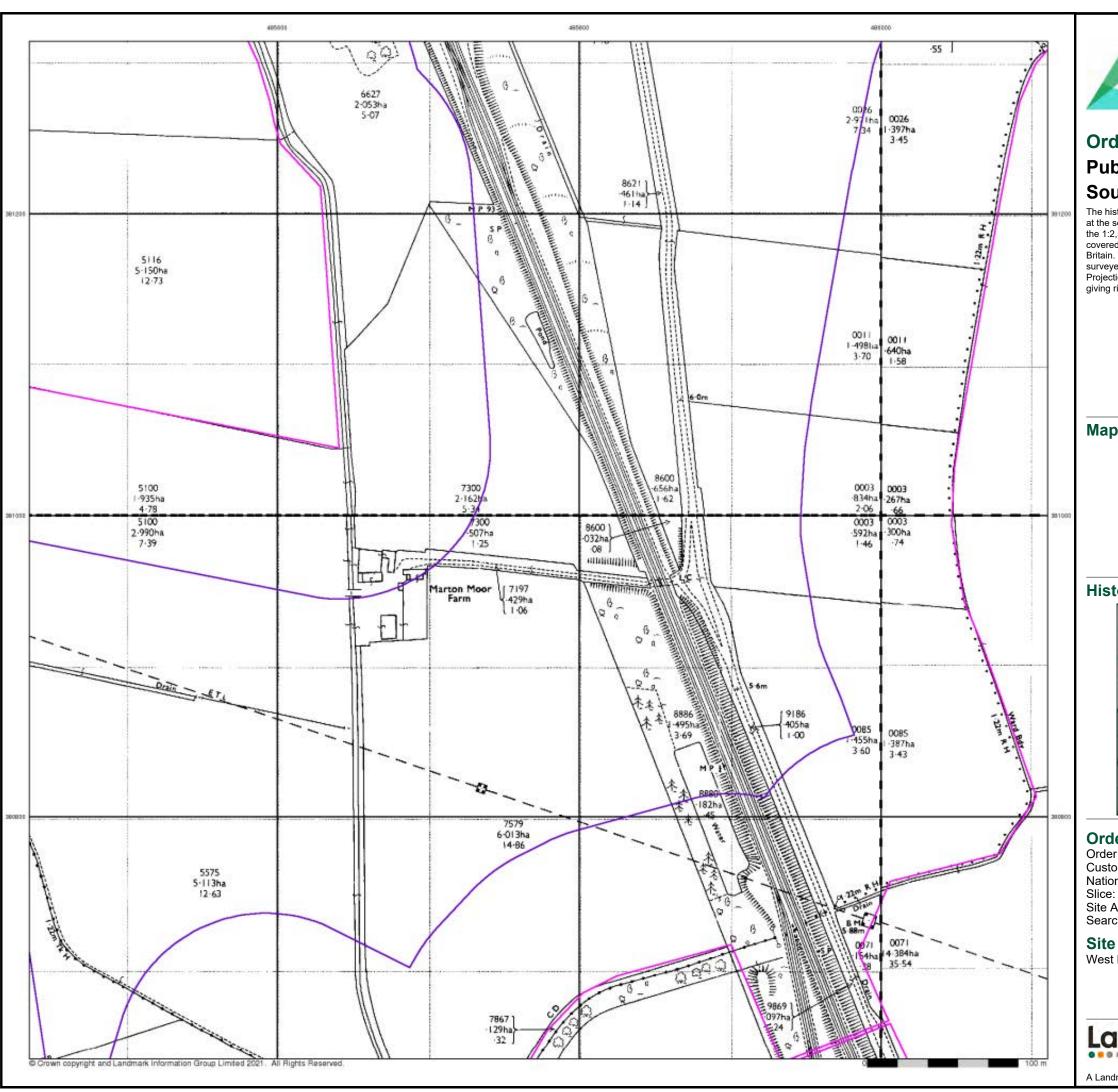
0844 844 9952

Page 1 of 7











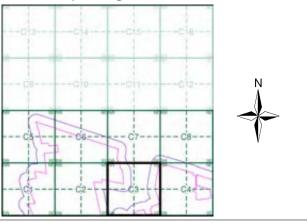
## **Ordnance Survey Plan Published 1974 - 1976** Source map scale - 1:2,500

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)

- 1		I		ı
- 1	SK8581 1974	Ī	SK8681 1976	ı
1	1:2,500	ı	1:2,500	ı
		Ī		I
1	SK8580 1974	ī	SK8680 1975	ı
1	1:2,500	ı	1:2,500	ı
1		ī		ı

### **Historical Map - Segment C3**



#### **Order Details**

 Order Number:
 287331952_1_1

 Customer Ref:
 21-1098.02

 National Grid Reference:
 485360, 381210

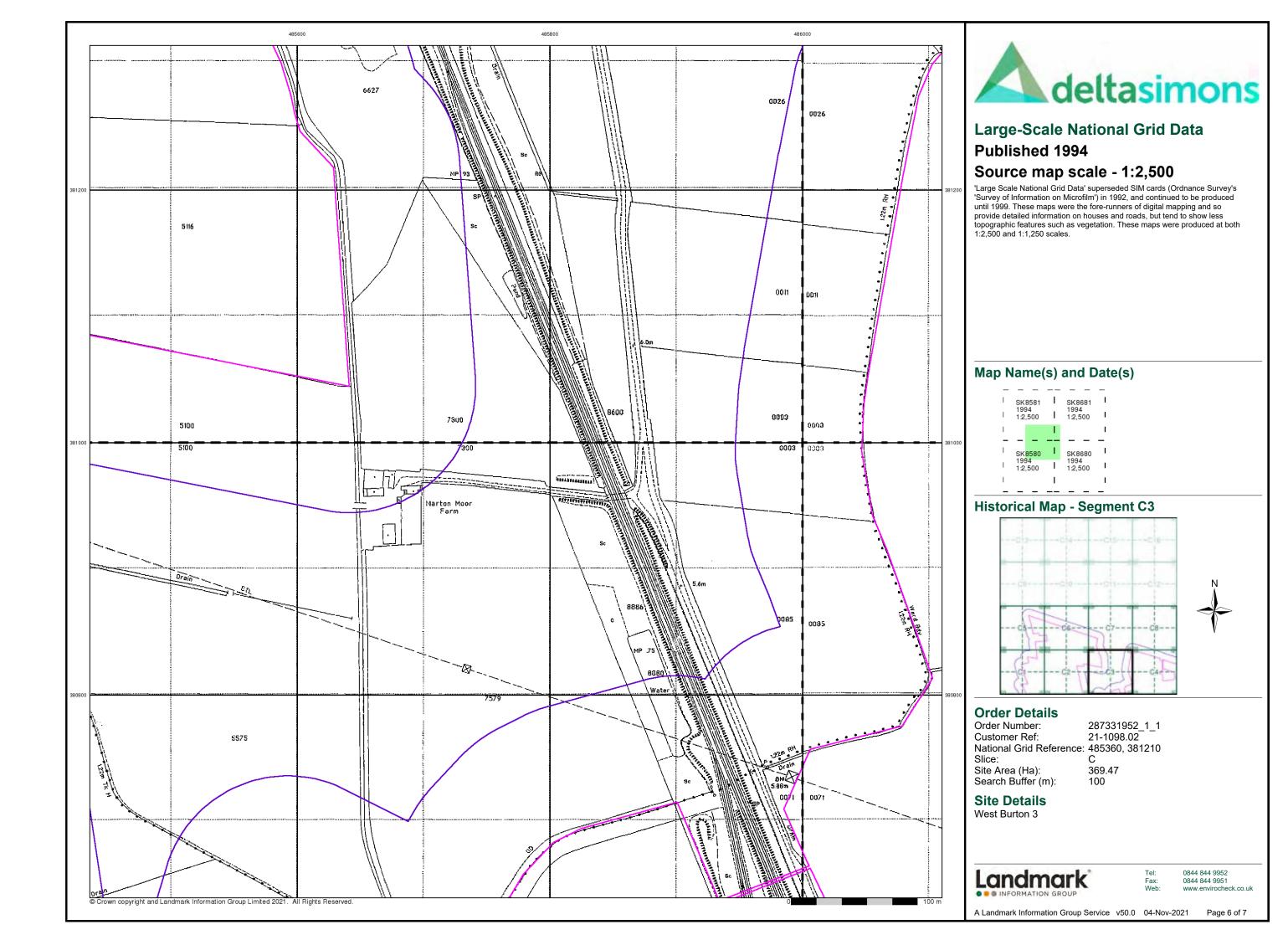
Site Area (Ha): Search Buffer (m): 369.47

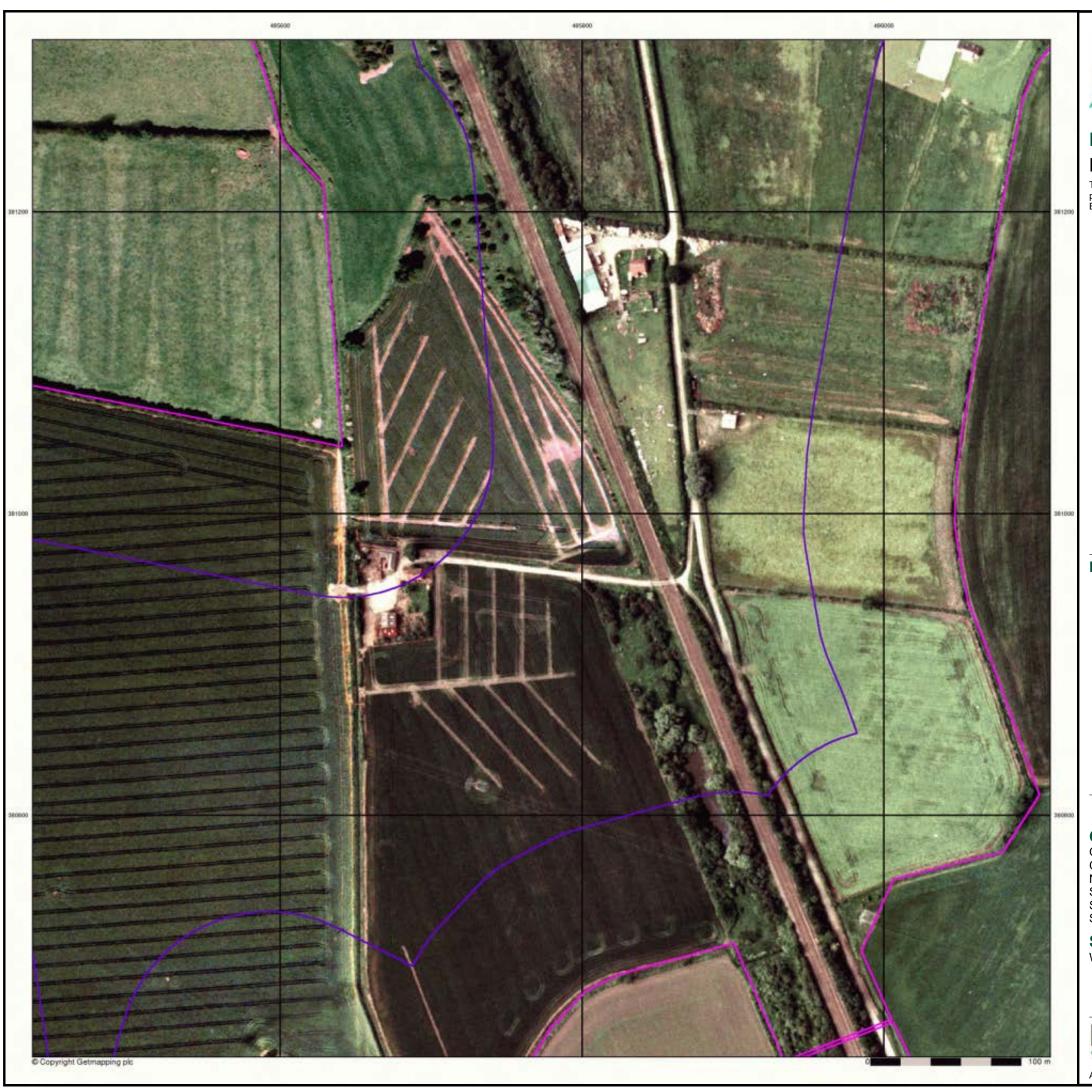
### **Site Details**

West Burton 3



0844 844 9952

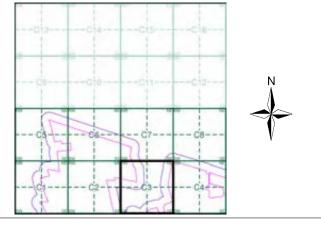






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### **Historical Aerial Photography - Segment C3**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

**Site Details** 

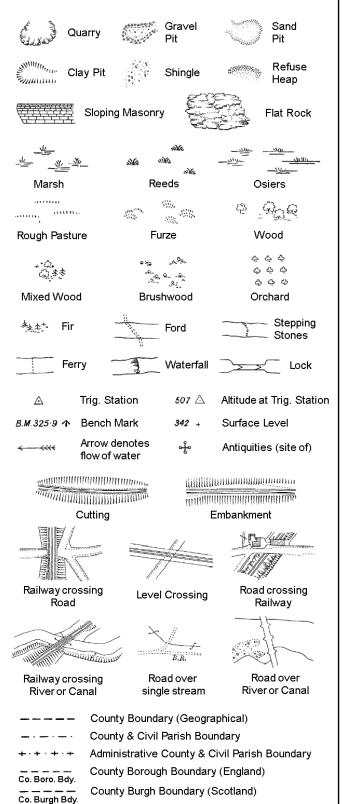
West Burton 3

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

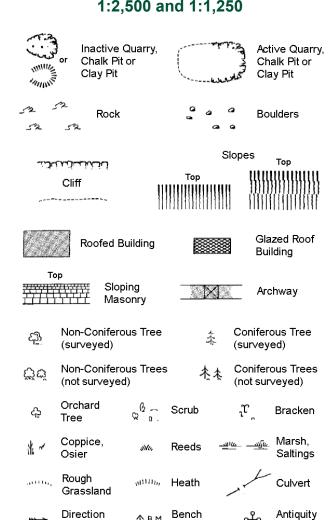
Trough Well

S.P

Sl.

Tr

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

of water flow

Cave

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

Triangulation

(site of)

Electricity

÷

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slo	opes .	T
لكناب			Тор	1111111	Top
	Cliff	1111	111111111111111111111111111111111111111	1111111	1111111111111
~ · · · · · ·		1111		- 1111111	1111111111
3	Rock		23	Rock (so	cattered)
	Boulders		Δ	Boulders	s (scattered)
	Positioned	Boulder		Scree	
දුමු	Non-Conifo (surveyed)	erous Tree	未	Conifero	
Ğά	Non-Conife (not surve)	erous Trees /ed)	大大	Conifero	ous Trees /eyed)
දා	Orchard Tree	Q a.	Scrub	'n,	Bracken
* ~	Coppice, Osier	šNu,	Reeds 🛥	<u>।ए —ग्र</u> ीहर	Marsh, Saltings
artite,	Rough Grassland	$u_{11111}$	Heath	1	Culvert
<del>&gt;&gt;&gt; →</del>	Direction of water flo	Δ	Triangulatior Station	ું નું	Antiquity (site of)
E <u>T</u> L	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / вм	231.60m E	ench Mark		Building Building	
	Roofe	ed Building		251	azed Roof uilding
		0::::::::::::::::::::::::::::::::::::::	(		
• •	• • •		community b	oundary	
		District bou	ındary		
_ •		County bou	ındary		
٥		Boundaryp	ost/stone		
			nereing symb ear in oppose		
Bks	Barracks		Р	Pillar, Pol	le or Post
Bty	Battery		PO	Post Offi	ce
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd F	Rly Disman	tled Railway	PW	Place of\	Worship
El Gen S	ta Electric Station	ity Generating	Sewage P		ewage umping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub S	ta Electricity	Sub Station	SP, SL	Signal Po	ost or Light
CD	Eilter Bed		Cnr	Carina	

Filter Bed

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

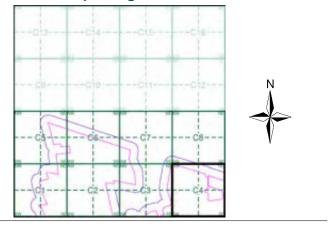
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment C4**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

Site Area (Ha):

Search Buffer (m):

**Site Details** West Burton 3

Tank or Track

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

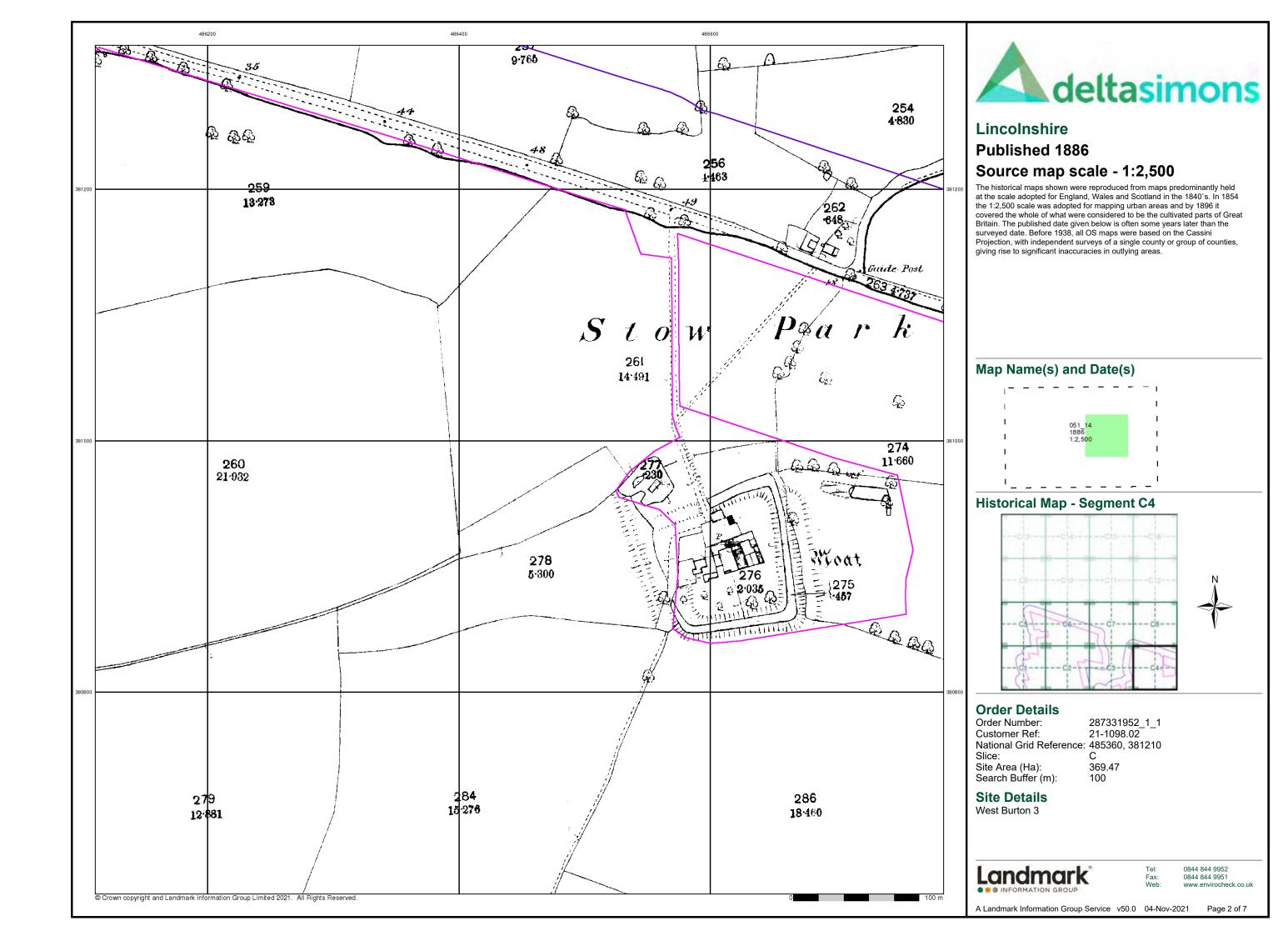
Wks

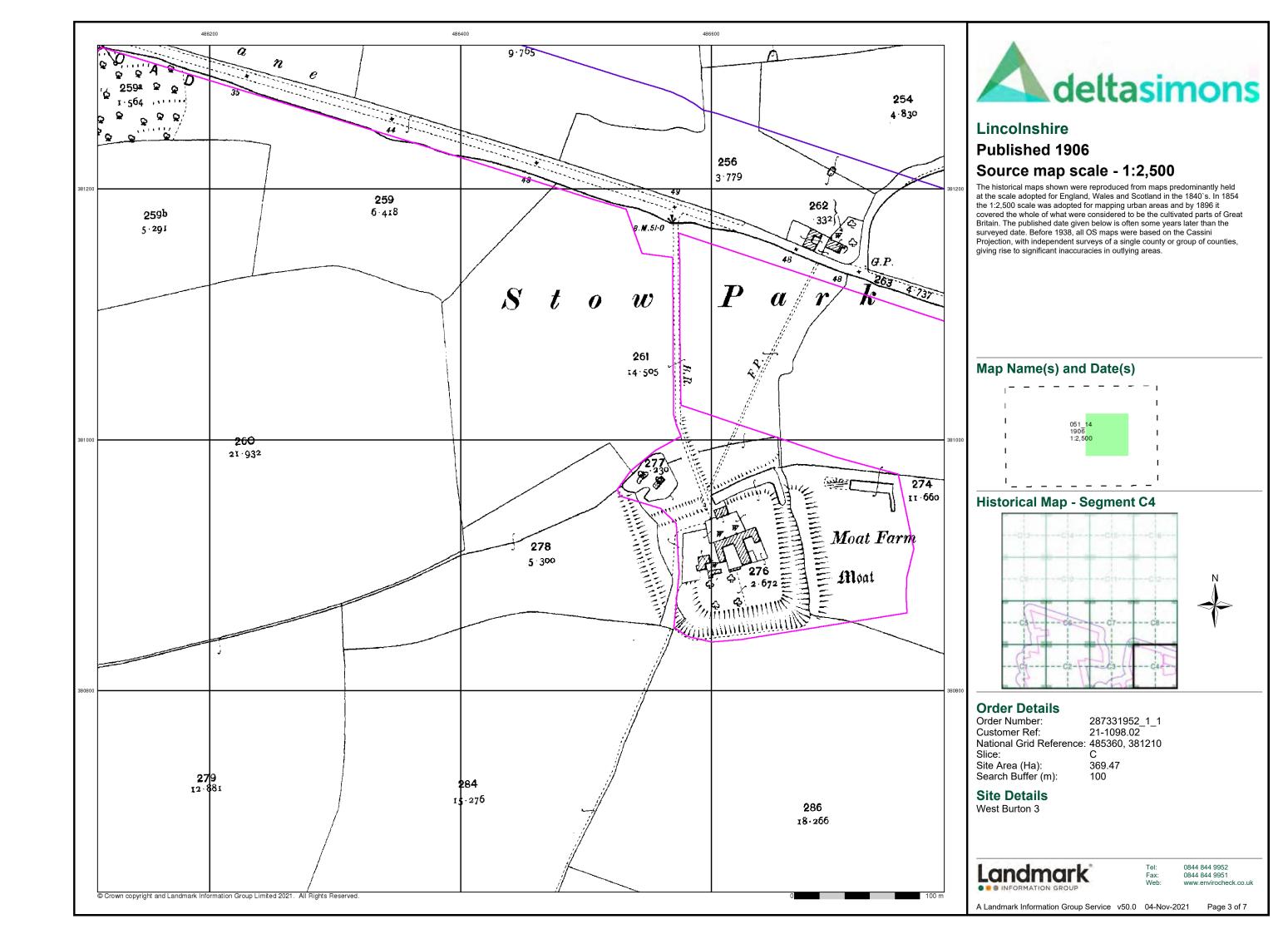
Landmark

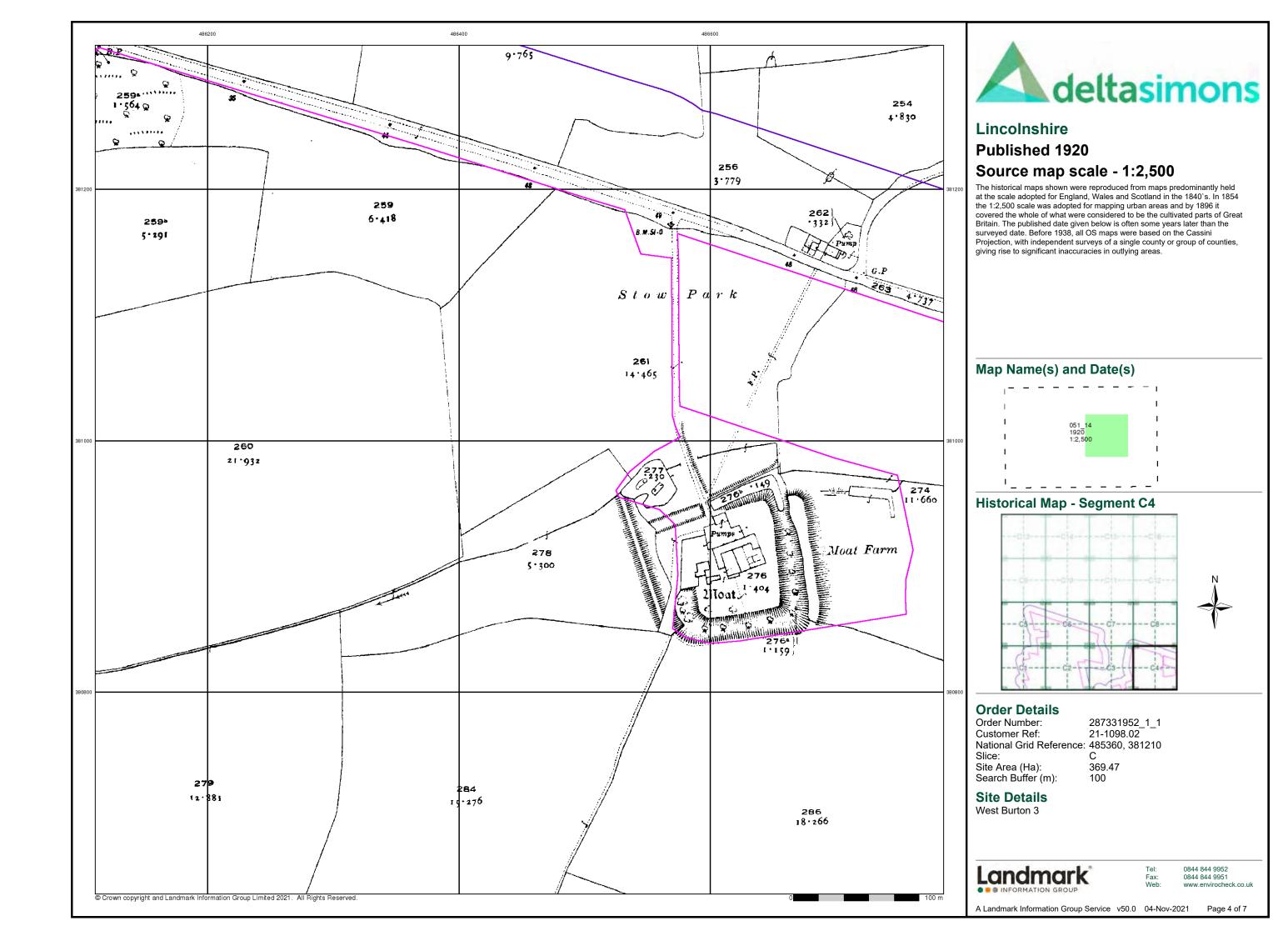
0844 844 9952

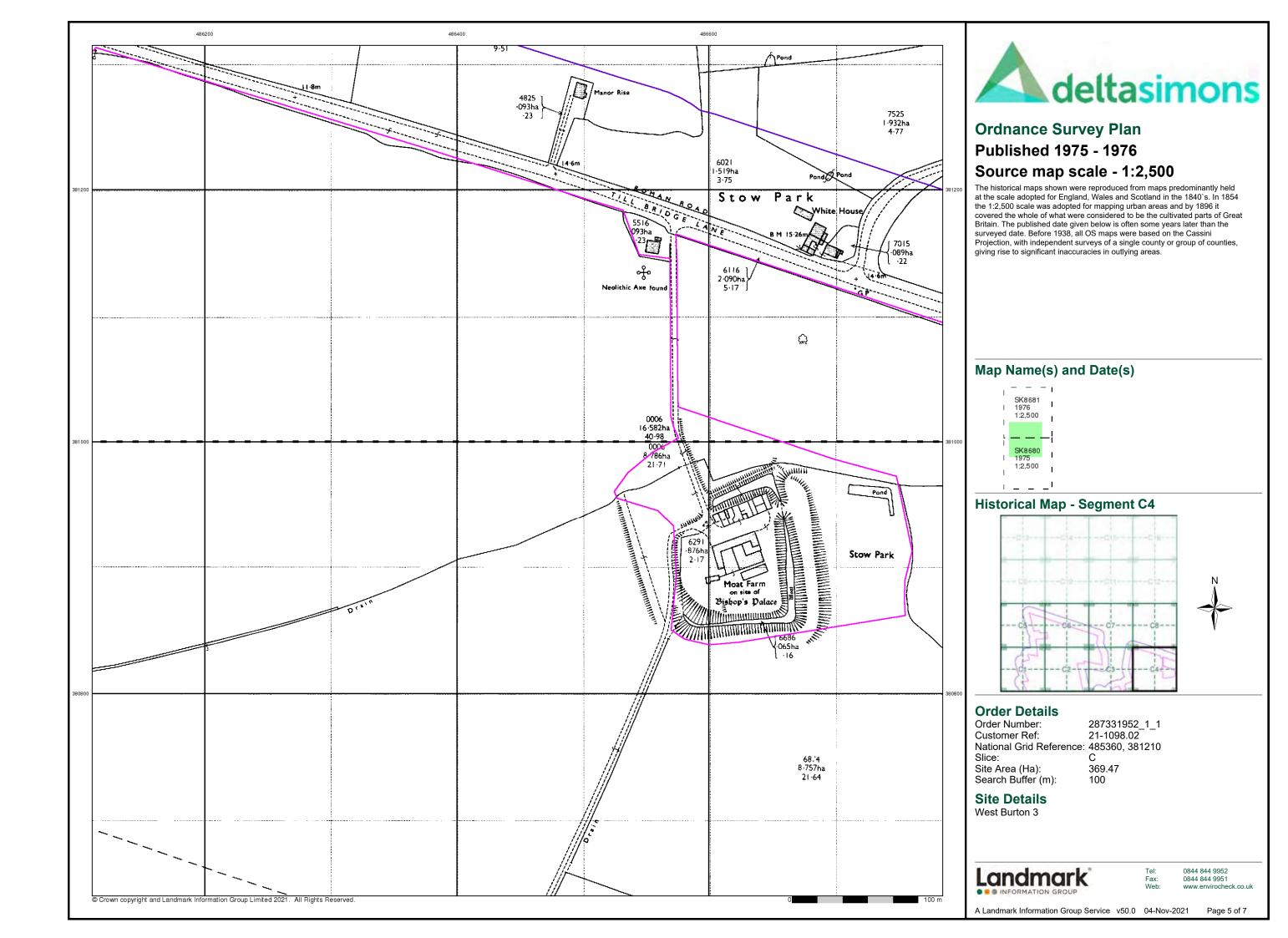
Page 1 of 7

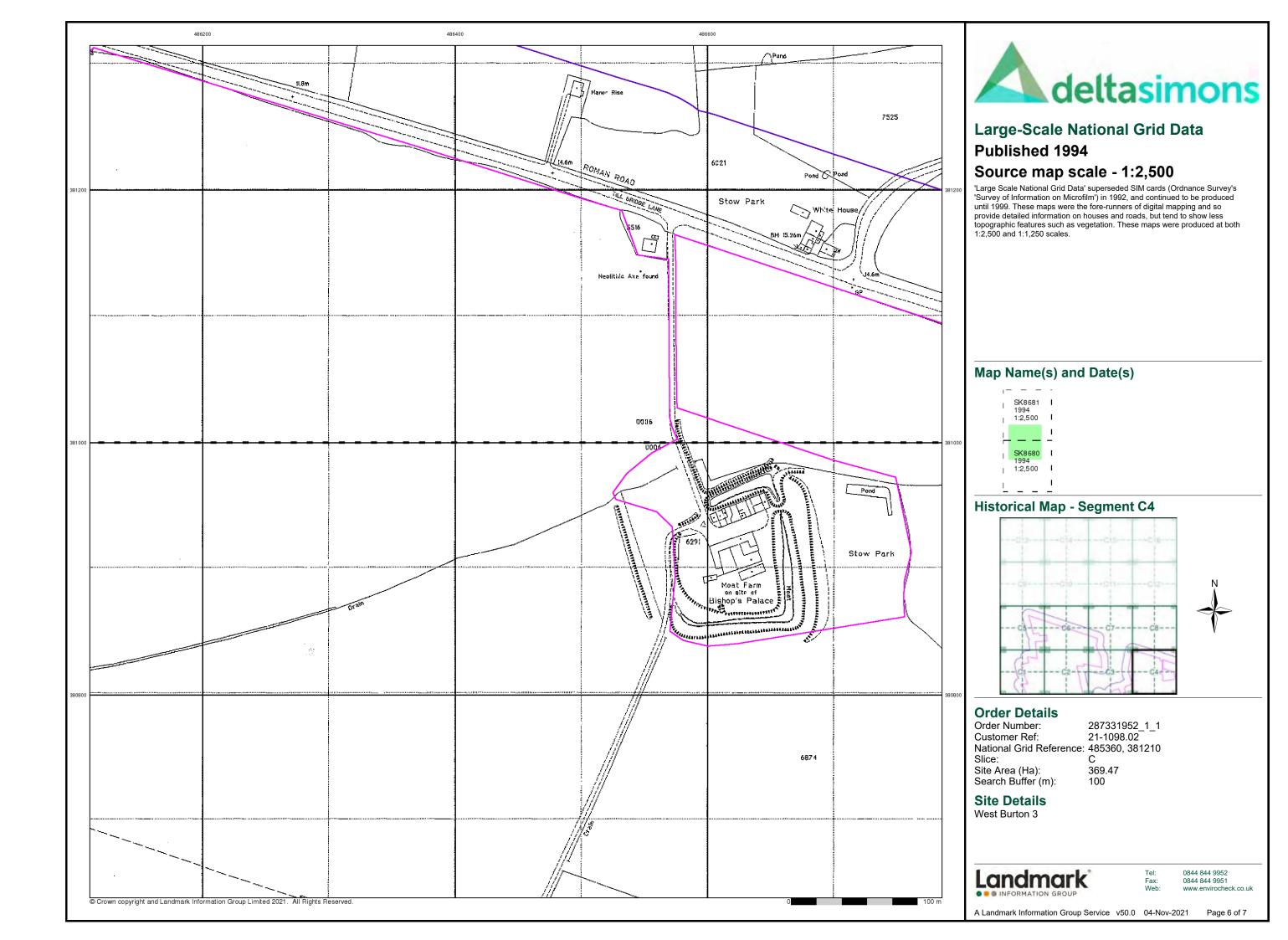
369.47









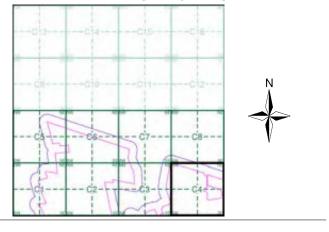






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### **Historical Aerial Photography - Segment C4**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210

Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

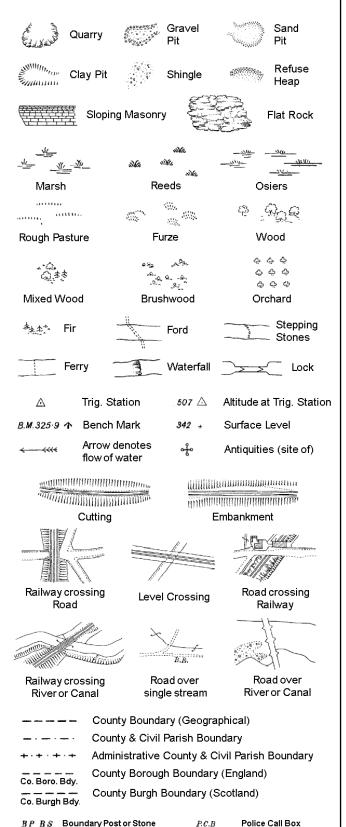
**Site Details** 

West Burton 3

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



Pump

Sluice

Spring

Trough

Well

Signal Post

Telephone Call Box

S.P

Sl.

Tr:

B.R.

E.P

F.B.

Bridle Road

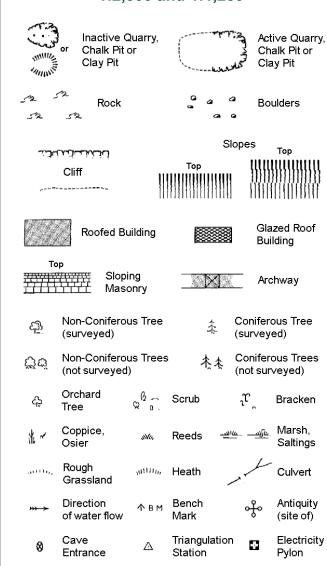
Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



		County Bo	undary (	Geographical)
· — ·		County & 0	Ci∨il Pari:	sh Boundary
		Ci∨il Paris	h Bounda	ary
		Admin. Co	unty or C	ounty Bor. Boundary
- <del></del>	dy <del>e-</del>	London Bo	rough Bo	oundary
**************************************		Symbol ma mereing ch		nt where boundary
вн	Beer House		Р	Pillar, Pole or Post
BP, BS	Boundary Pos	t or Stone	PO	Post Office
Cn, C	Capstan, Cran	е	PC	Public Convenience
Chy	Chimney		PH	Public House

**Electricity Transmission Line** 

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump
	BP, BS Cn, C Chy D Fn EI P FAP FB GP H LC MH MP MS	BP, BS Boundary Post or Stone Cn, C Capstan, Crane Chy Chimney DFn Drinking Fountain EI P Electricity Pillar or Post FAP Fire Alarm Pillar FB Foot Bridge GP Guide Post H Hydrant or Hydraulic LC Level Crossing MH Manhole MP Mile Post or Mooring Post MS Mile Stone	BP, BS         Boundary Post or Stone         PO           Cn, C         Capstan, Crane         PC           Chy         Chimney         PH           D Fn         Drinking Fountain         Pp           EI P         Electricity Pillar or Post         SB, S Br           FAP         Fire Alarm Pillar         SP, SL           FB         Foot Bridge         Spr           GP         Guide Post         Tk           H         Hydrant or Hydraulic         TCB           LC         Level Crossing         TCP           MH         Manhole         Tr           MP         Mile Post or Mooring Post         Wr Pt, Wr T           MS         Mile Stone         W

# 1:1,250

		SI	opes Top
		Top	
523	Rock	2,3	Rock (scattered)
$\triangle_{\alpha}$	Boulders	2	Boulders (scattered)
	Positioned Boulder		Scree
<u> 원</u>	Non-Coniferous Tre (surveyed)	ee ‡	Coniferous Tree (surveyed)
ජීජ	Non-Coniferous Tro (not surveyed)	ees 大水	Coniferous Trees (not surveyed)
දා	Orchard ৫ ব Tree 🖁	Scrub	_ປ ິ Bracken
* ~	Coppice, Osier	. Reeds ≝	<u>அம்</u> Marsh, Saltings
acette,	Rough ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	n Heath	Culvert
<b>&gt;&gt;&gt;→</b>	Direction of water flow	Triangulation Station	n Antiquity (site of)
E_TL	_ Electricity Trans	mission Line	⊠ Electricity Pylon
/ <del>/</del> / BM	231.60m Bench Ma	ark 🗇	Buildings with Building Seed
	Roofed Buildin	ng	Glazed Roof Building
	• • • Civil par	rish/community t	ooundary
		boundary	•
_ •	County	boundary	
٥	Bounda	ry post/stone	
	Bounda	ry mereing symb	ool (note: these
٥	always: of three		ed pairs or groups
Bks	Barracks	Р	Pillar, Pole or Post
Bty Cemy	Battery Cemetery	PO PC	Post Office Public Convenience
Cemy Chy	Cemetery Chimney	Pp Pp	Public Convenience Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd R	Rly Dismantled Railwa	-	Place of Worship
El Gen S	ta Electricity General Station	ing Sewage F	Ppg Sta Sewage Pumping Station
EIP	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub S	ta Electricity Sub Statio	n SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking F	tn. Tk	Tank or Track

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

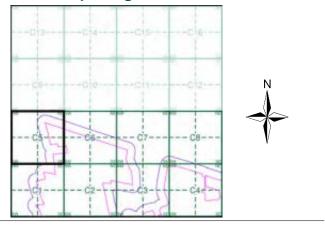
Wks



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974	5
Additional SIMs	1:2,500	1993	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

### **Historical Map - Segment C5**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

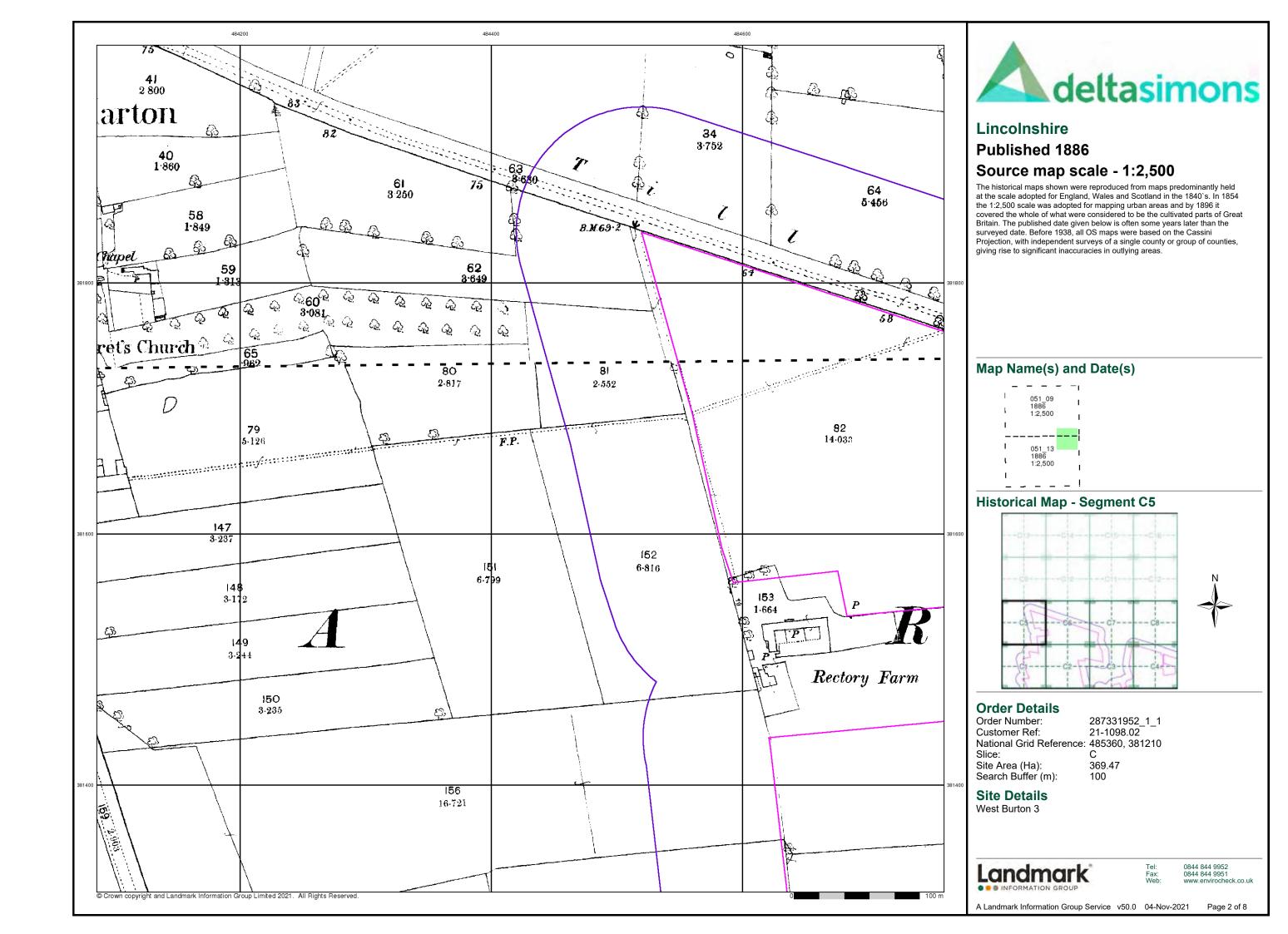
369.47 Site Area (Ha): Search Buffer (m):

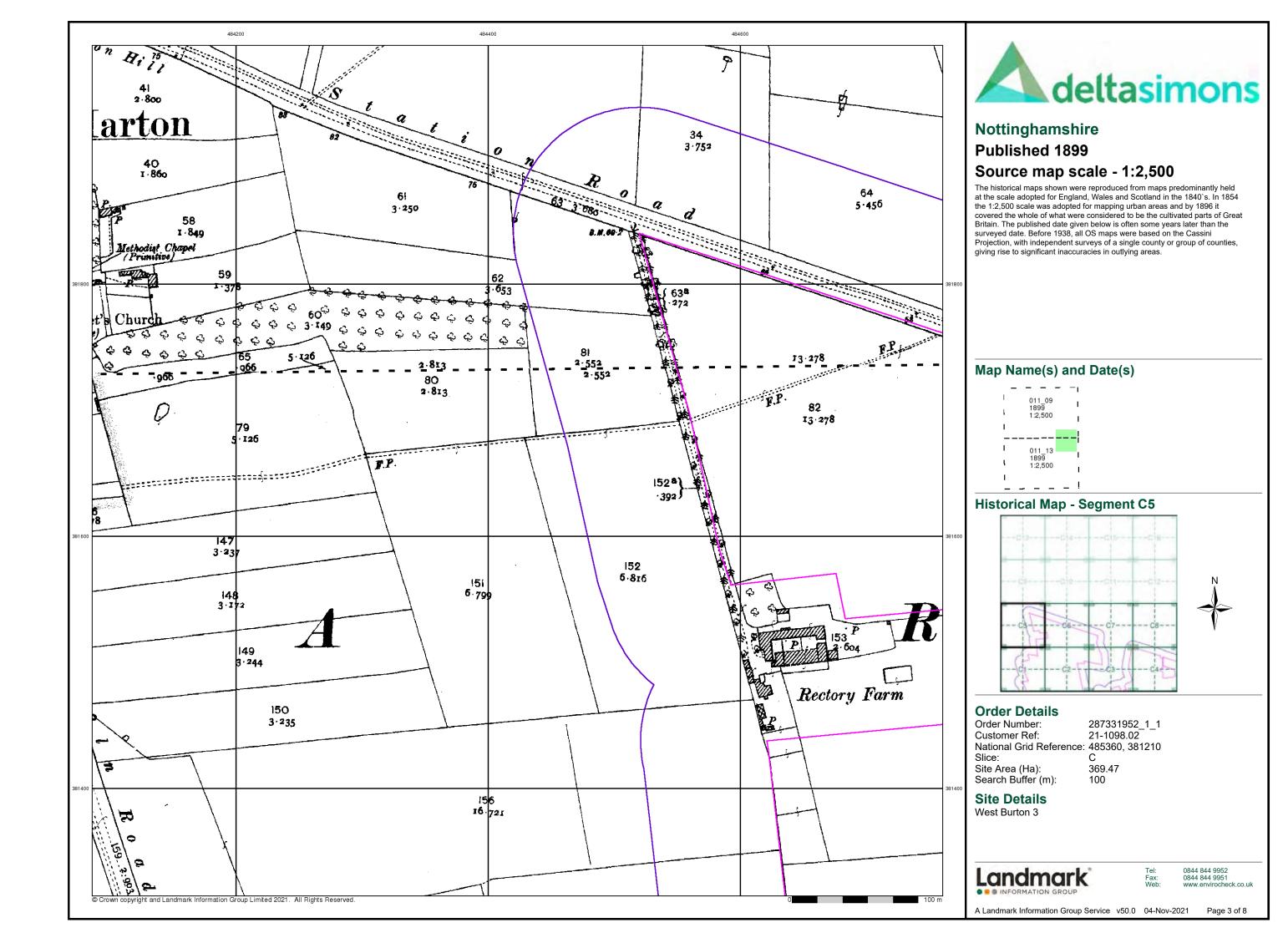
#### **Site Details** West Burton 3

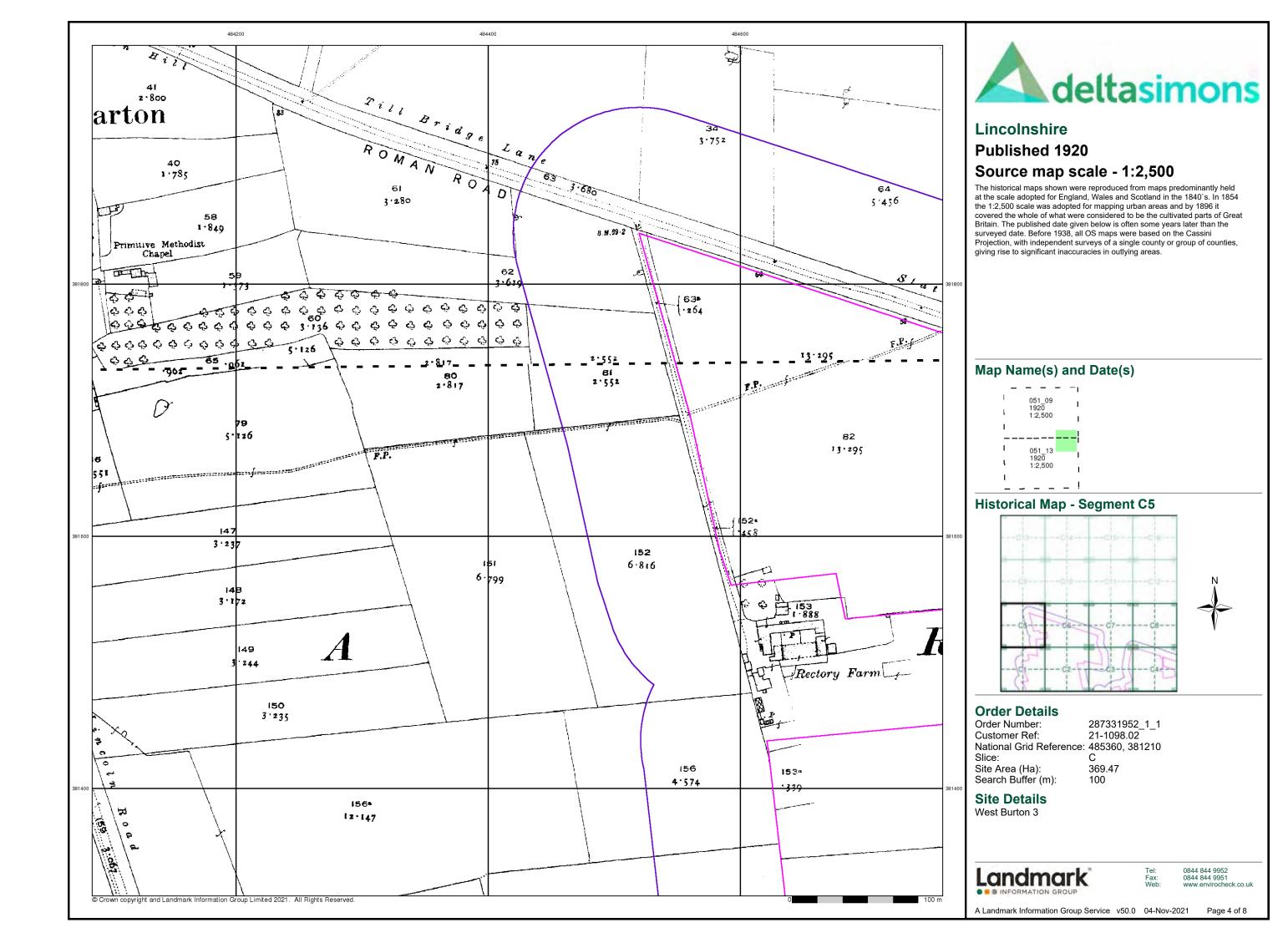


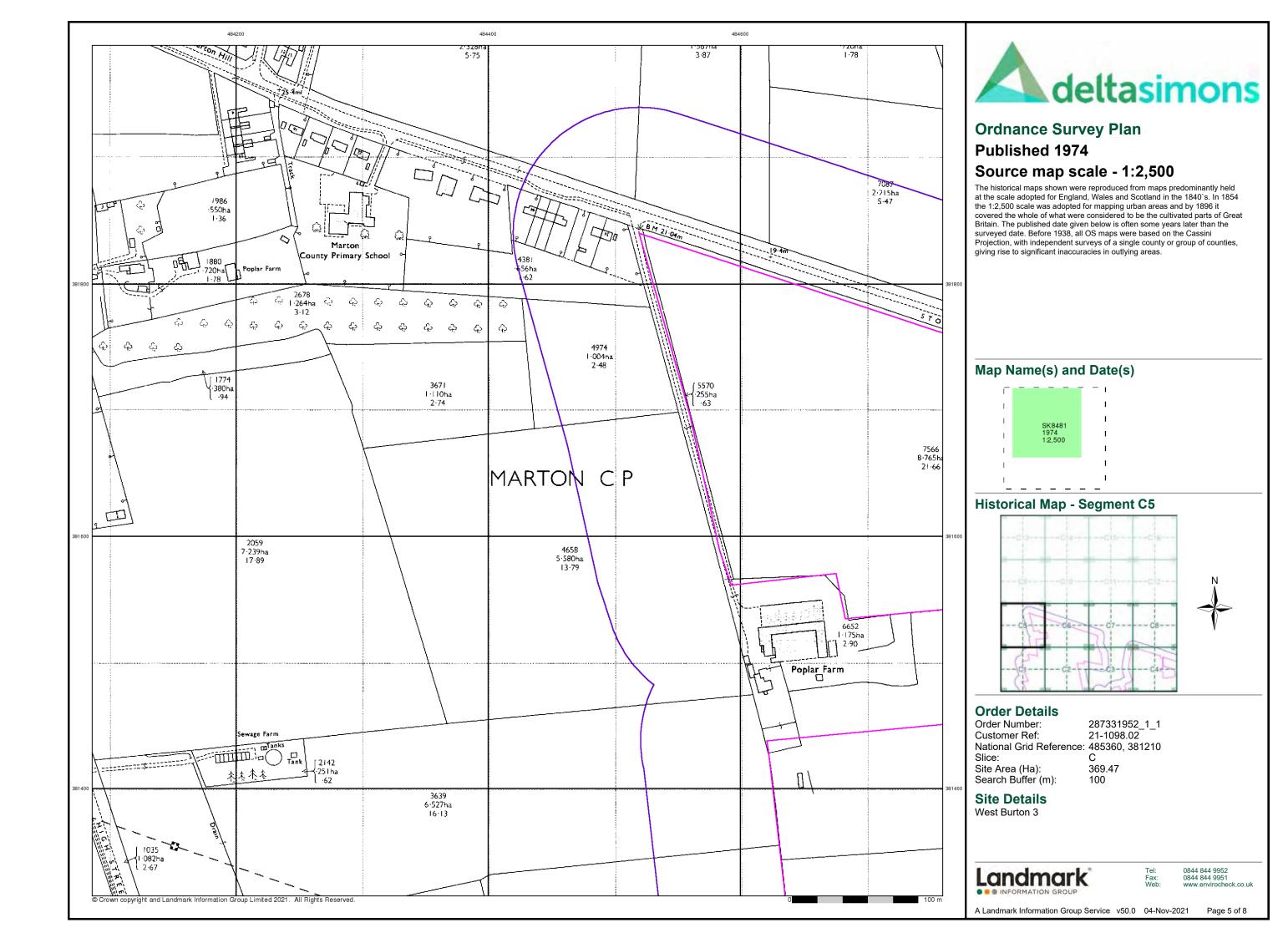
0844 844 9952 0844 844 9951

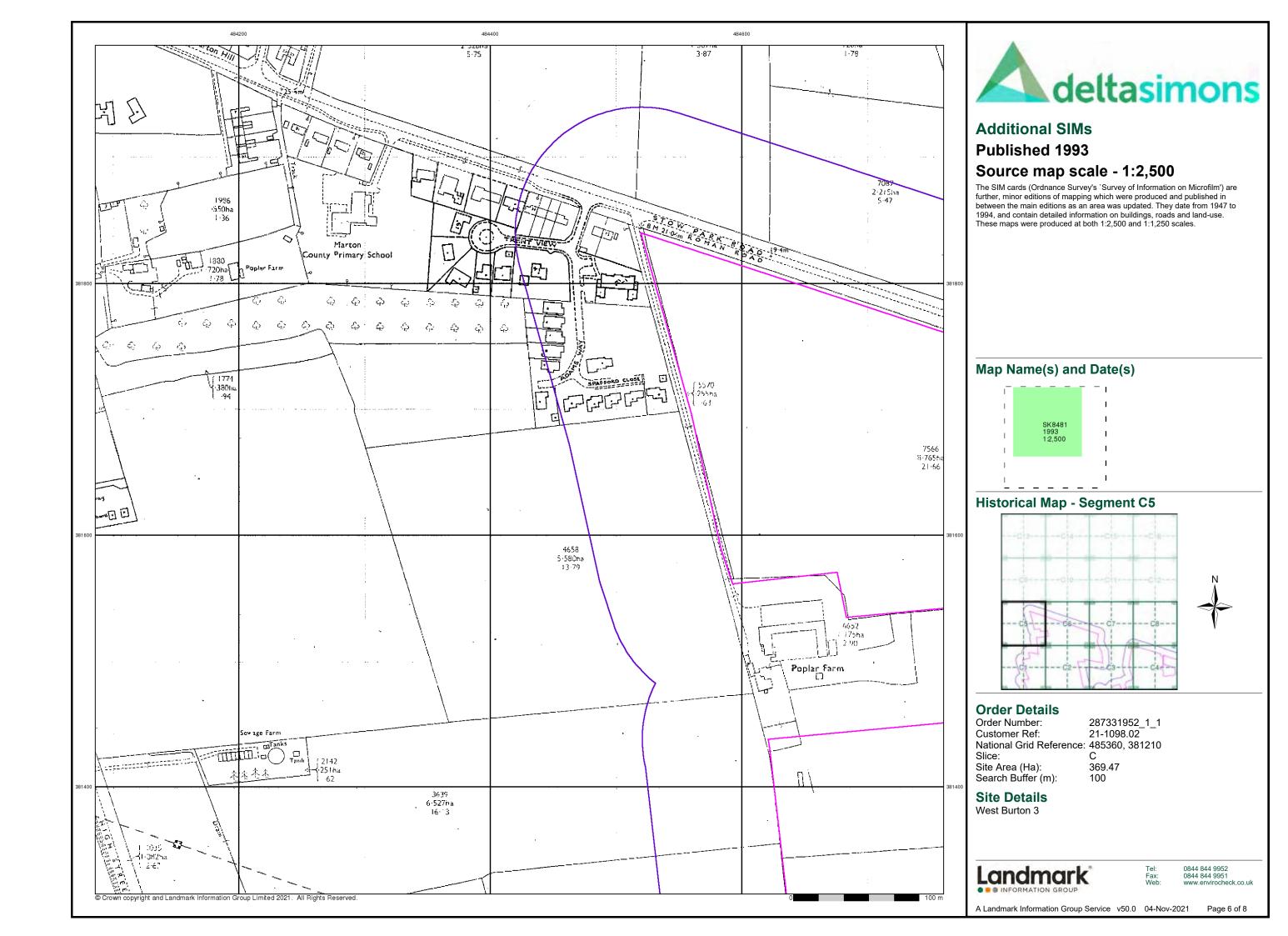
Page 1 of 8

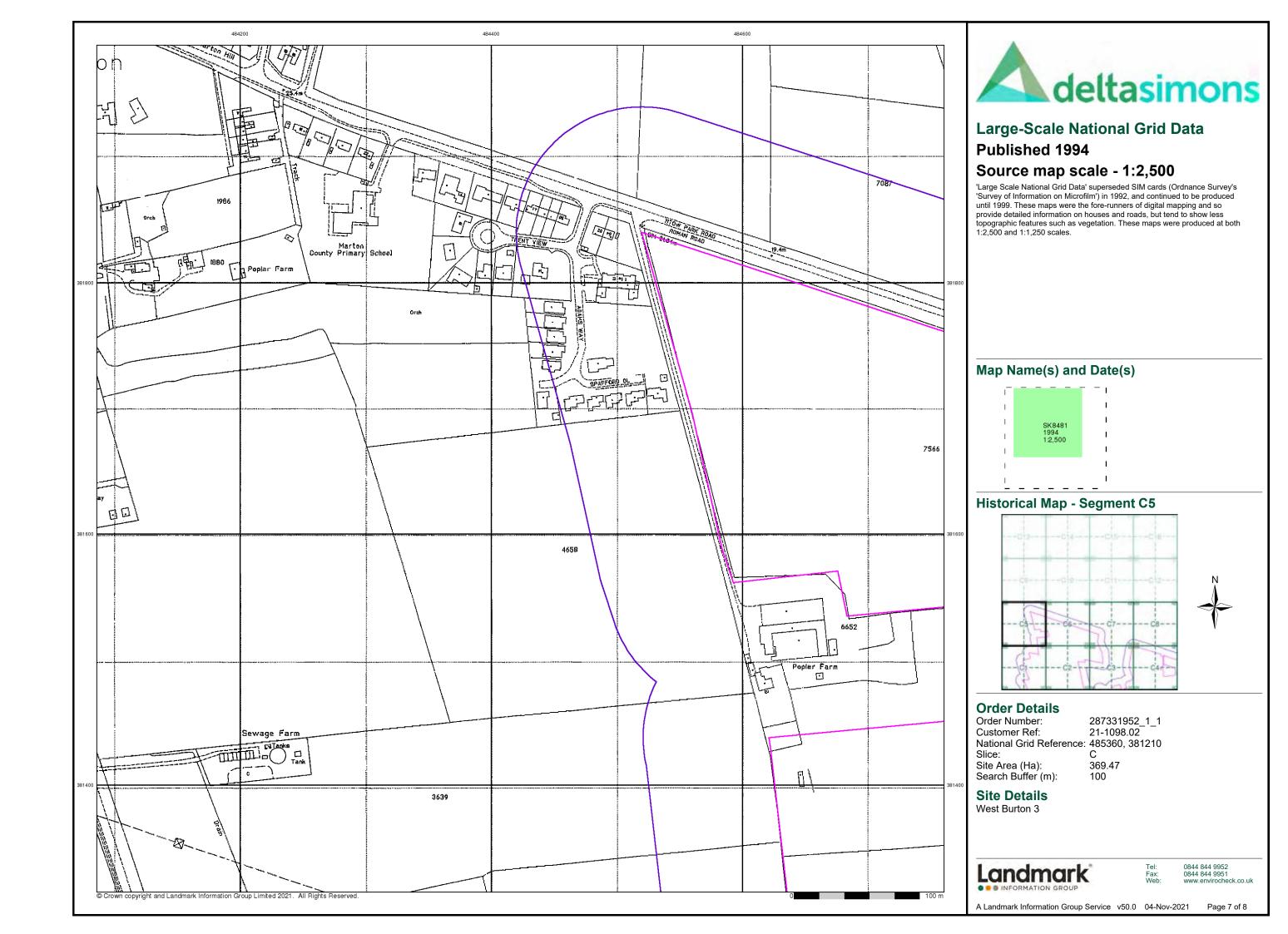










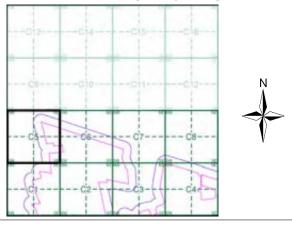






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### **Historical Aerial Photography - Segment C5**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210 Slice:

Site Area (Ha): Search Buffer (m): 369.47 100

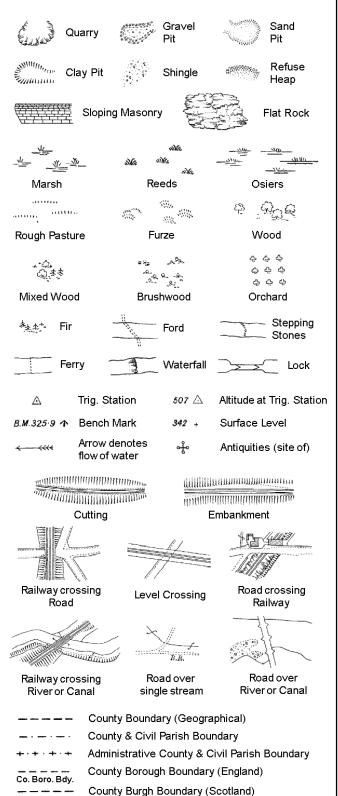
**Site Details** West Burton 3

Landmark INFORMATION GROUP

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

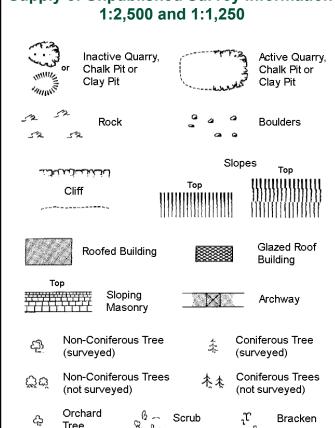
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



Scrub Marsh, Coppice, Reeds Saltings Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slo	opes _{Ton}	
	۲::ee للتخطيات		Тор		
	Cliff	!!!!		111111111111111111111111111111111111111	
		[][]	111111111111111111111111111111111111111	111111111111111111111111111111111111111	
3	Rock		7,3	Rock (scattered)	
$\triangle$	Boulders		2	Boulders (scattered)	)
$\triangle$	Positioned	Boulder		Scree	
<u> </u>	Non-Conif	erous Tree )	\$	Coniferous Tree (surveyed)	
ర్హోద	Non-Conif (not surve	erous Trees yed)	* **	Coniferous Trees (not surveyed)	
<del>ڳ</del>	Orchard Tree	Q a.	Scrub	າ ^ຕ ຸ Bracken	
* ~	Coppice, Osier	siVi.	Reeds 🛥	<u> அம்</u> Marsh, Saltings	
A111114.	Rough Grassland	_и ни,	Heath	Culvert	
<b>››→</b>	Direction of water flo	Δ ow	Triangulatior Station	Antiquity (site of)	
E <u>T</u> L	_ Electric	ity Transmis	ssion Line	Electricity Pylon	
\.    -   B₩	291.60m E	Bench Mark	7	Buildings with Building Seed	
	Roofe	ed Building		Glazed Roof Building	
		Civil narish	/community b	ooundary	
		District box	-	oundary	
		County box	-		
٥		Boundary			
٥		Boundary i	mereing symb	ool (note: these ed pairs or groups	
Bks	Barracks		Р	Pillar, Pole or Post	
Bty	Battery		PO	Post Office	
Cemy	Cemetery		PC	Public Convenience	
Chy	Chimney		Pp Pna Sta	Pump Pumping Station	
Cis Dismtd R	Cistern Iv Disman	tled Railway	Ppg Sta PW	Pumping Station Place of Worship	
El Gen St	•	ity Generating		pg Sta Sewage	
EIP		Pole, Pillar	SB, S Br	Pumping Station Signal Box or Bridge	
	a Electricity		SP, SL	Signal Post or Light	
FB	Filter Bed		Spr	Spring	

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

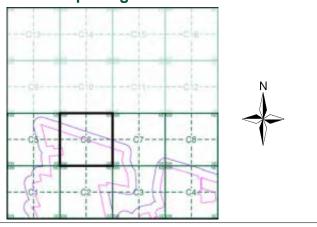
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Lincolnshire	1:2,500	1906	4
Lincolnshire	1:2,500	1920	5
Ordnance Survey Plan	1:2,500	1974	6
Additional SIMs	1:2,500	1993	7
Large-Scale National Grid Data	1:2,500	1994	8
Historical Aerial Photography	1:2,500	1999	9

### **Historical Map - Segment C6**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

Site Area (Ha):

369.47 Search Buffer (m):

**Site Details** West Burton 3

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

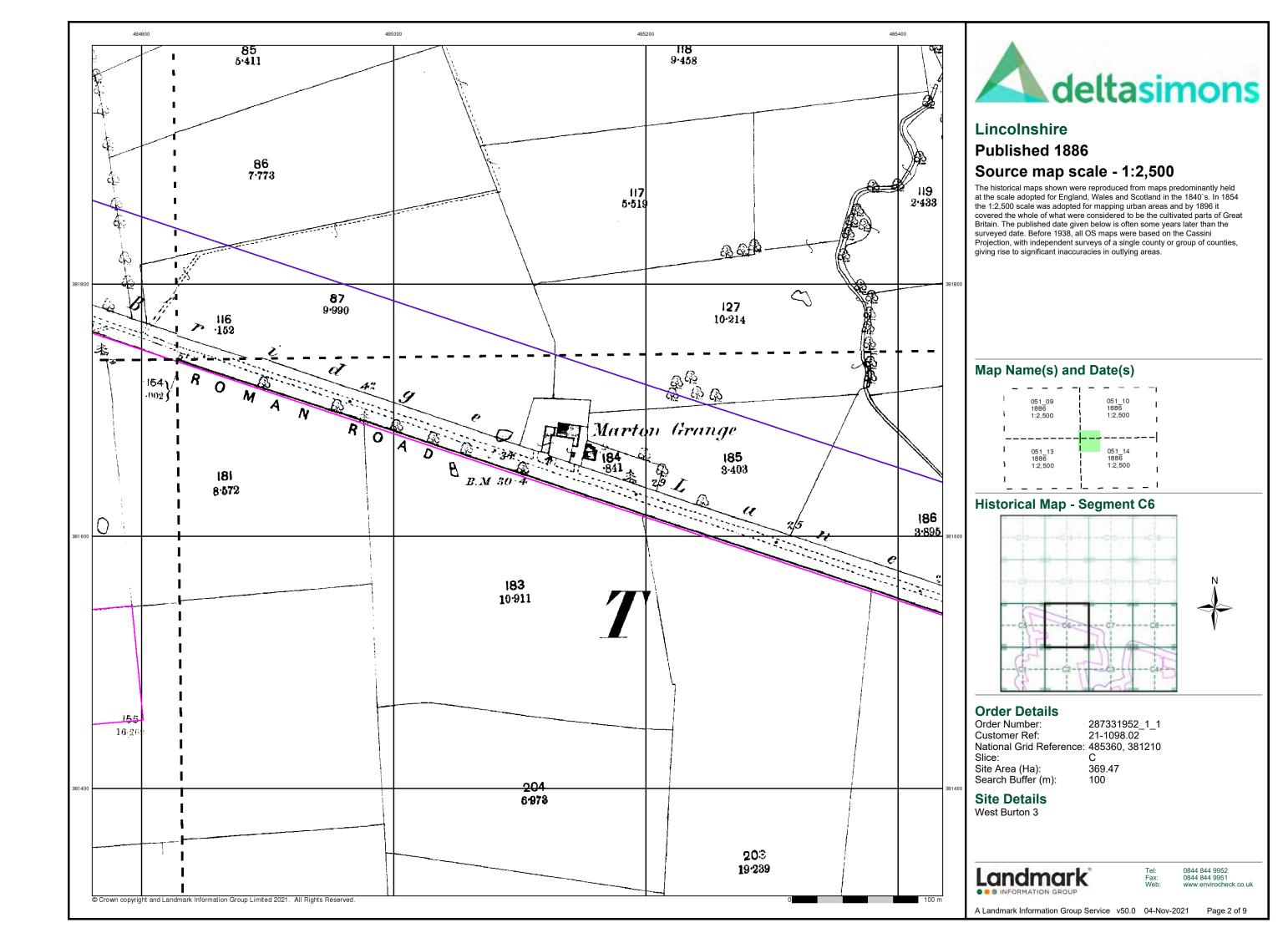
Wd Pp

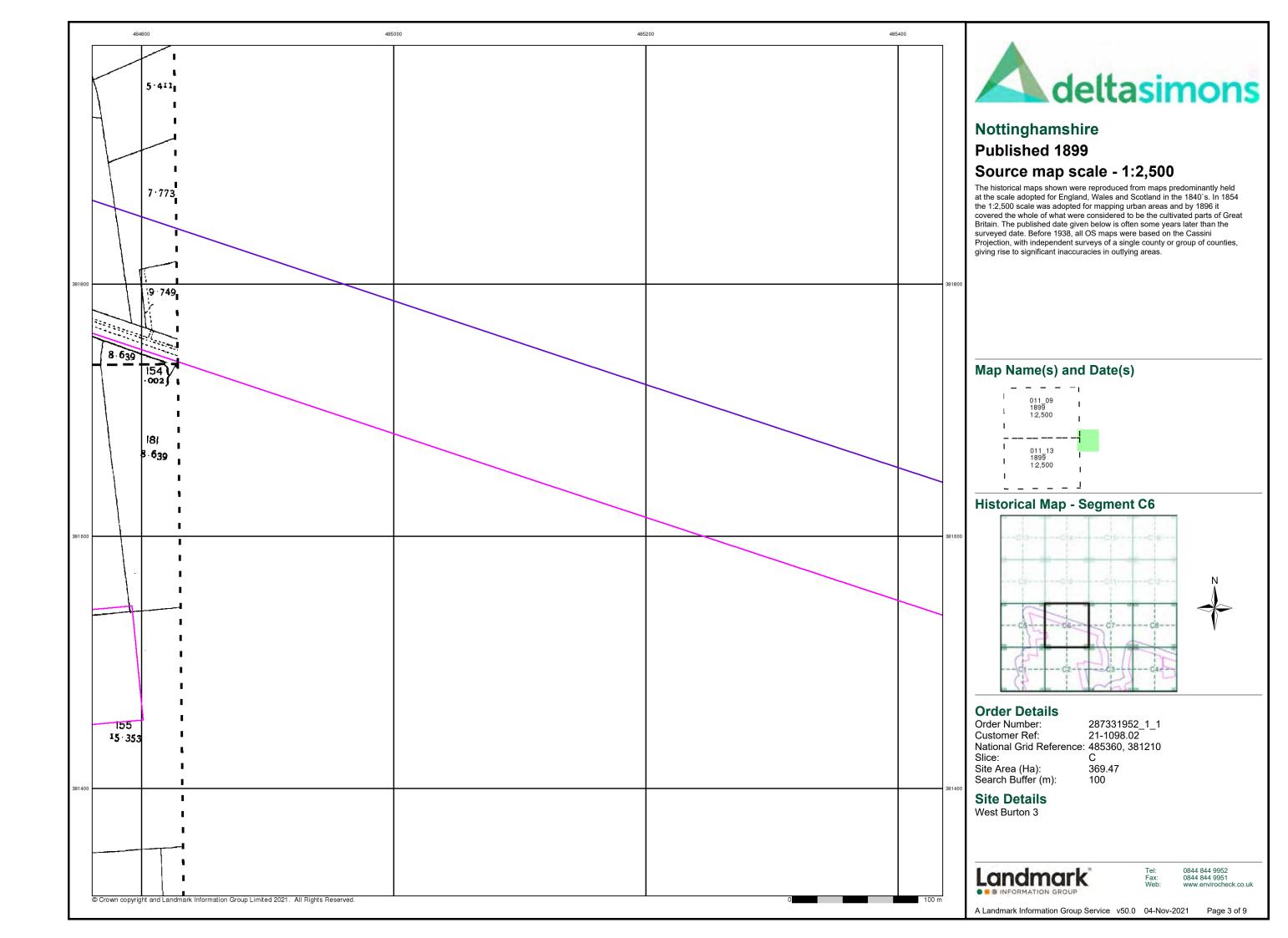
Wks

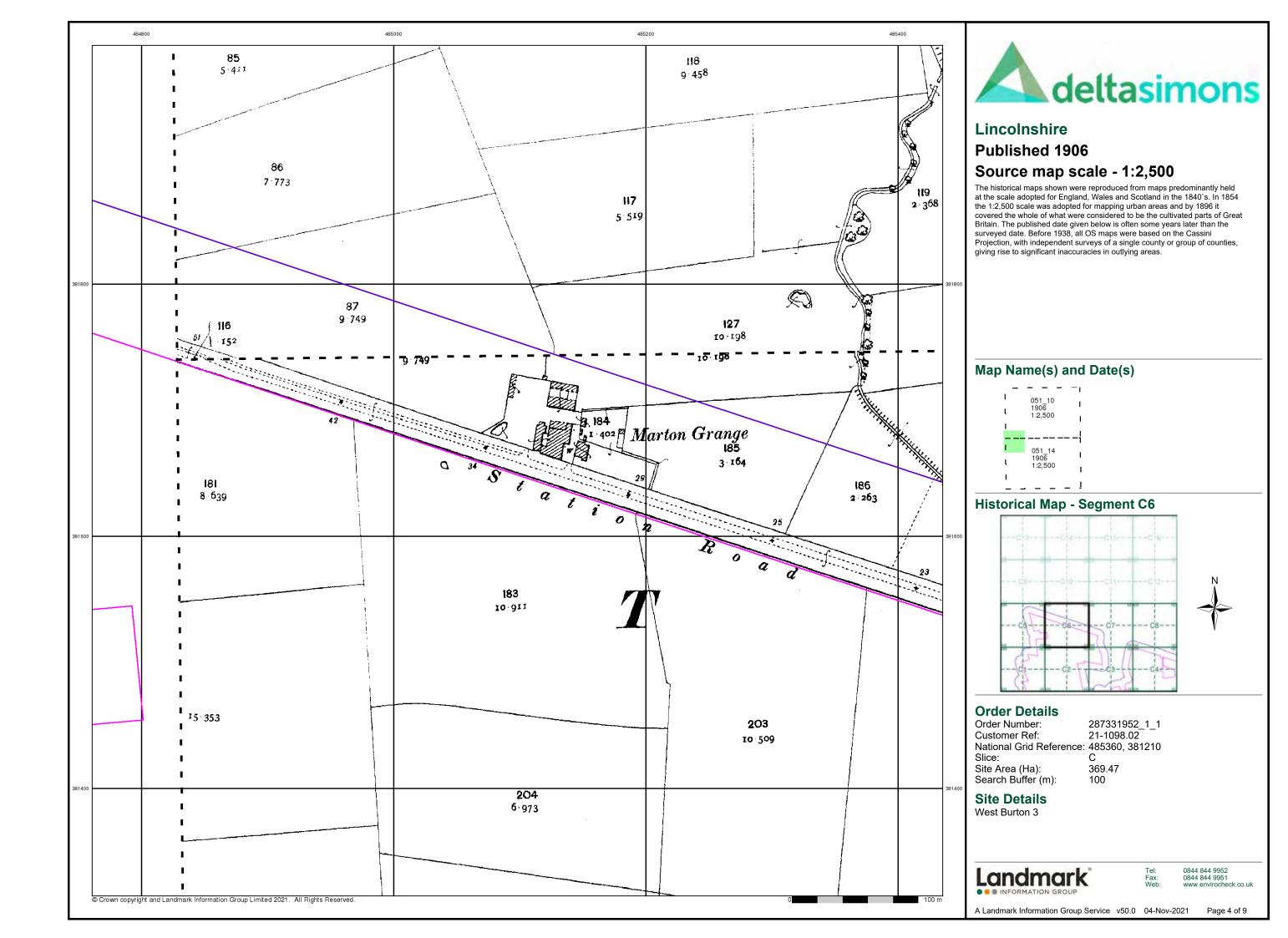
Landmark

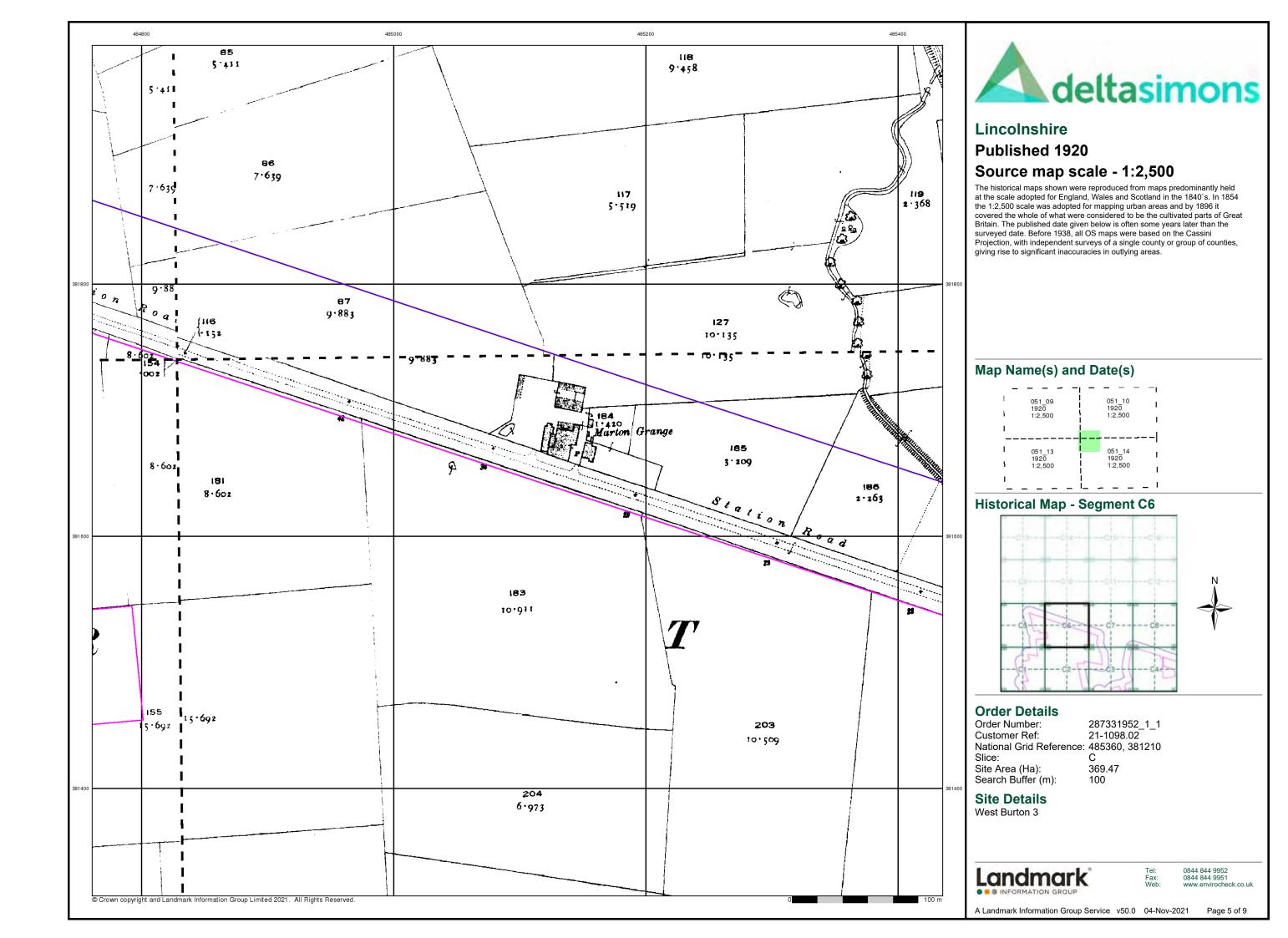
0844 844 9952 0844 844 9951

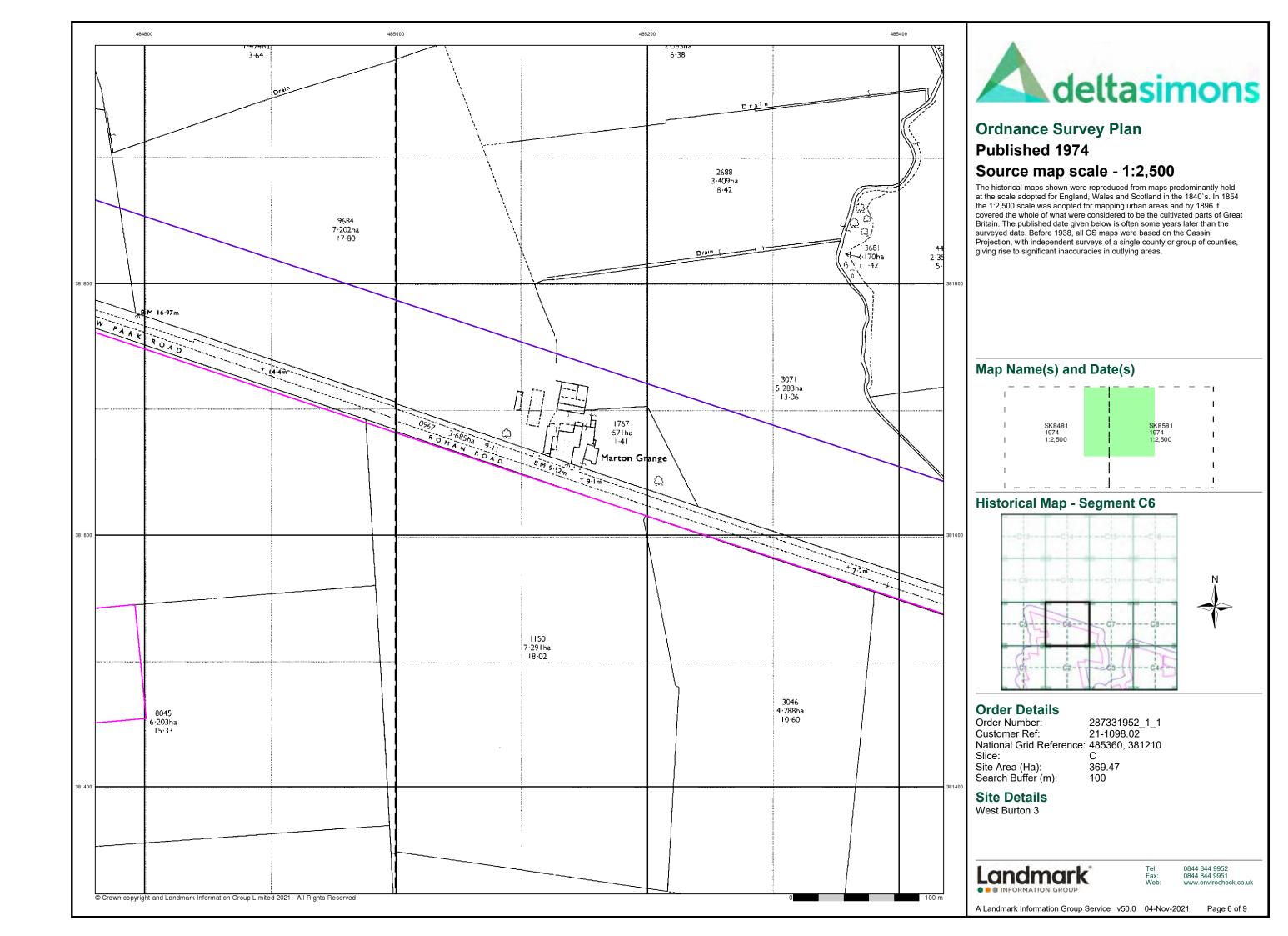
Page 1 of 9

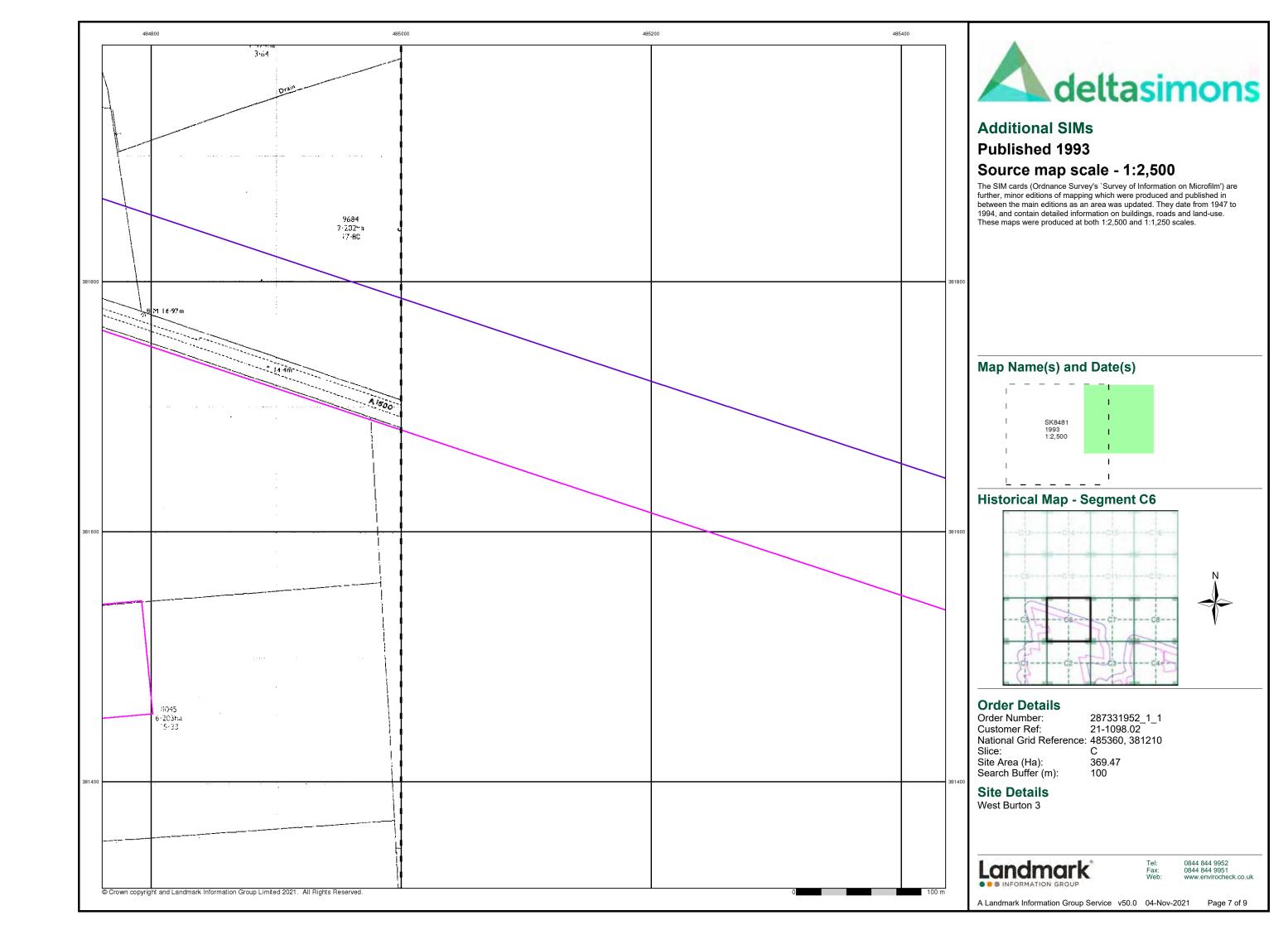


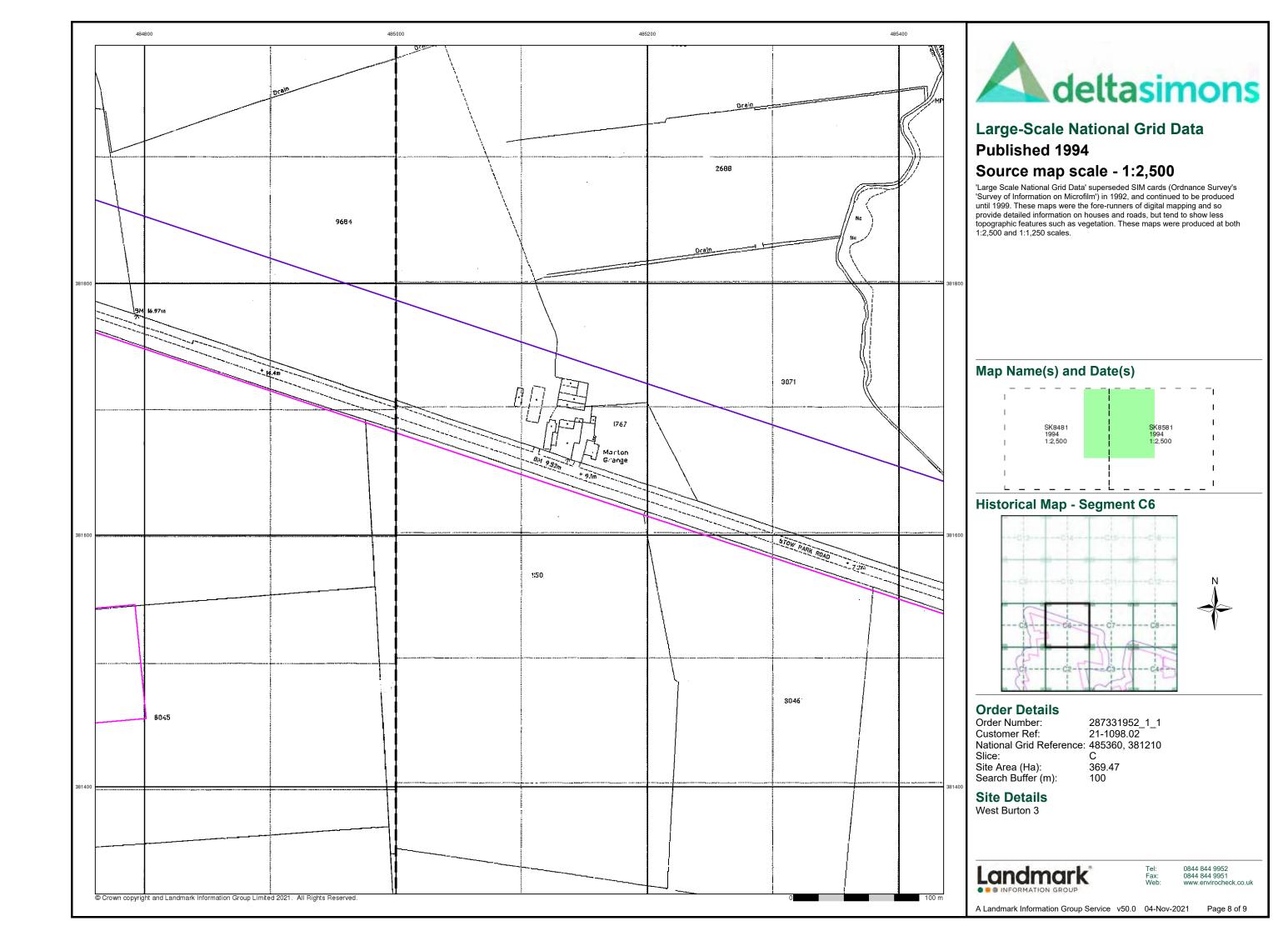


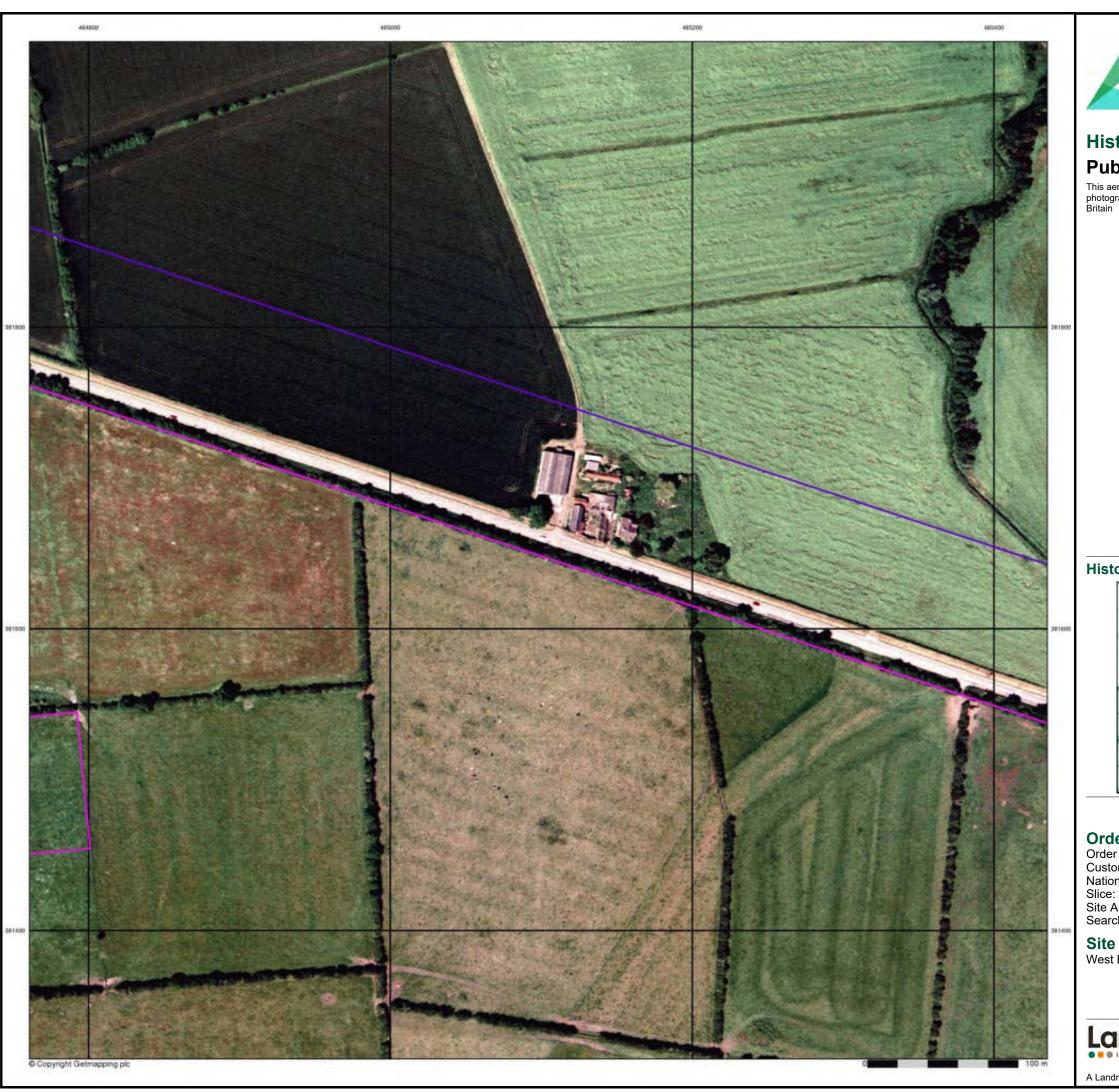








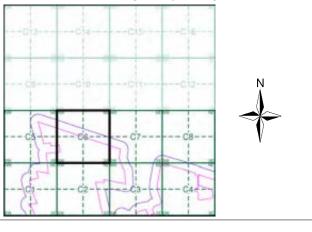






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### **Historical Aerial Photography - Segment C6**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210

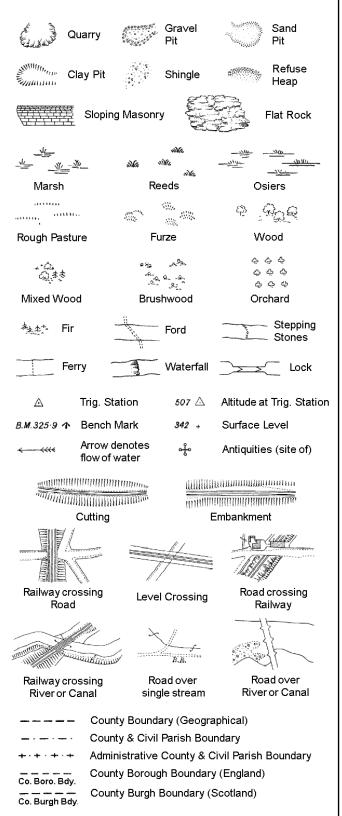
Site Area (Ha): Search Buffer (m): 369.47 100

**Site Details** West Burton 3

Landmark*

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

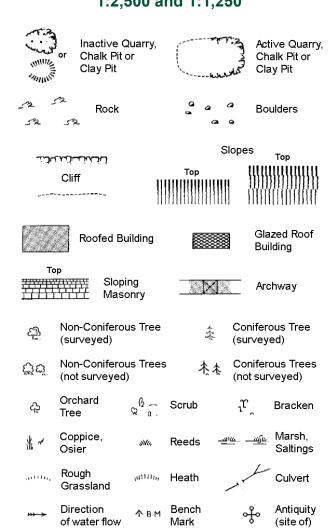
Trough Well

S.P

Sl.

Tr:

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



ETL	Electricity Transmission Line

Cave

Entrance

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

Triangulation

Electricity

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

		Slo	opes Top
بالتأبان التبايلات		Гор	111111111111111111
Cliff	11010		
,	. !!!!!!!		
Sock Rock		Z	Rock (scattered)
△ Boulders	<b>;</b>	Δ	Boulders (scattered)
○ Positione	ed Boulder		Scree
ि Non-Cor (surveye	niferous Tree ed)	李	Coniferous Tree (surveyed)
က္က်င္မဲ Non-Cor	niferous Trees reyed)	杰杰	Coniferous Trees (not surveyed)
ှု Orchard Tree	çå a. Sc	rub	_ໃ ໃ Bracken
∦ ✓ Coppice Osier	, ww. Re	eds 📲	<u>ட அம்</u> Marsh, Saltings
Rough Grasslai	nd with He	ath	Culvert
Direction of water		angulation ation	Antiquity (site of)
E <u>TL</u> Electi	ricity Transmissio	n Line	⊠ Electricity Pylon
BM 231.60m	Bench Mark		Buildings with Building Seed
Roo	ofed Building		Glazed Roof Building
	Civil parish/co	<del>-</del>	oundary
	District bounda	ary	
_ •	County bounda	ary	
0	Boundary post	/stone	
٥			ol (note: these ed pairs or groups
Bks Barrack	s	Р	Pillar, Pole or Post
Bty Battery		РО	Post Office
Cemy Cemete	ry	PC	Public Convenience
Chy Chimne	у	Pp	Pump
Cis Cistern		Ppg Sta	Pumping Station
Dismtd Rly Dism	antled Railway	PW	Place of Worship
	ricity Generating	Sewage P	pg Sta Sewage
	ori ity Pole, Pillar	SB, S Br	Pumping Station Signal Box or Bridge
El Sub Sta Electric		SP, SL	Signal Post or Light
FB Filter Be	-	Spr Spr	Spring
, D I III De	-	Op.	-4

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

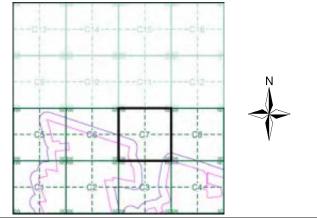
Mile Post or Mile Stone



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1974 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment C7**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

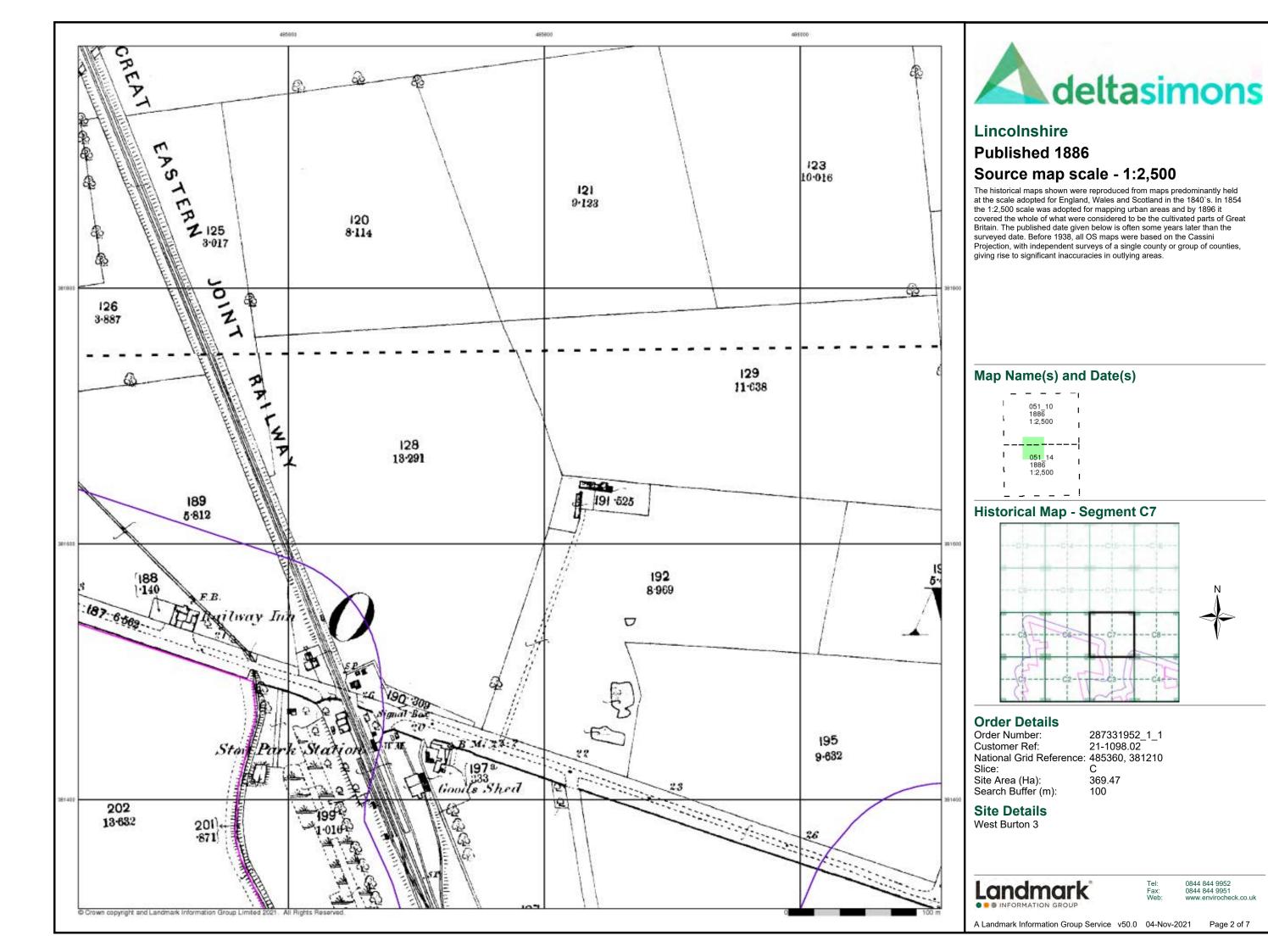
369.47 Site Area (Ha): Search Buffer (m):

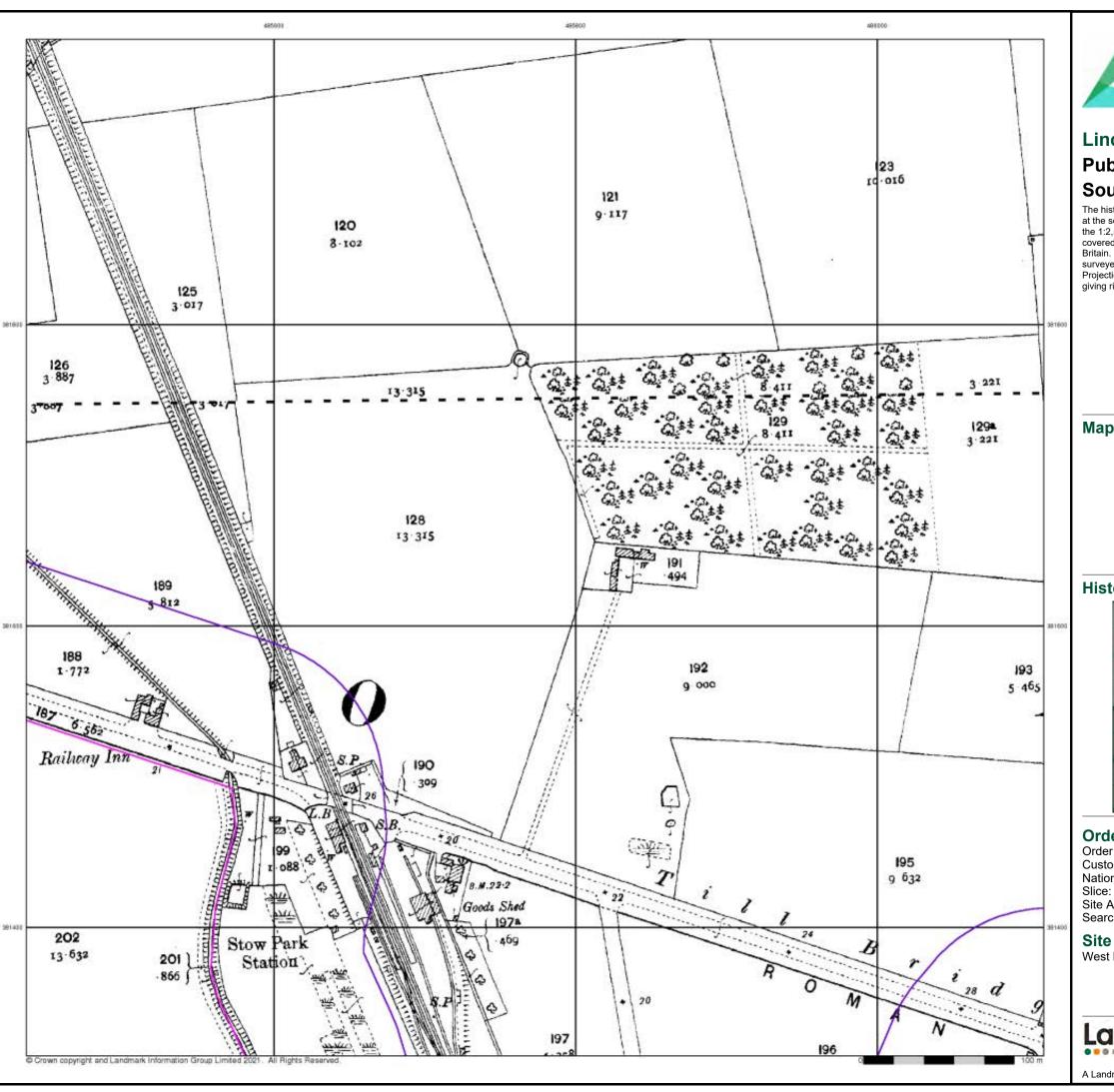
**Site Details** West Burton 3

Landmark

0844 844 9952 0844 844 9951

Page 1 of 7





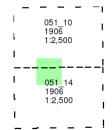


### Lincolnshire

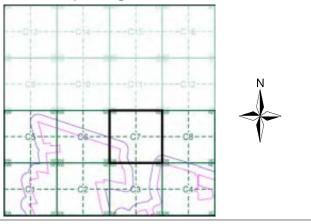
## Published 1906 Source map scale - 1:2,500

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 C7**



#### **Order Details**

 Order Number:
 287331952_1_1

 Customer Ref:
 21-1098.02

 National Grid Reference:
 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47

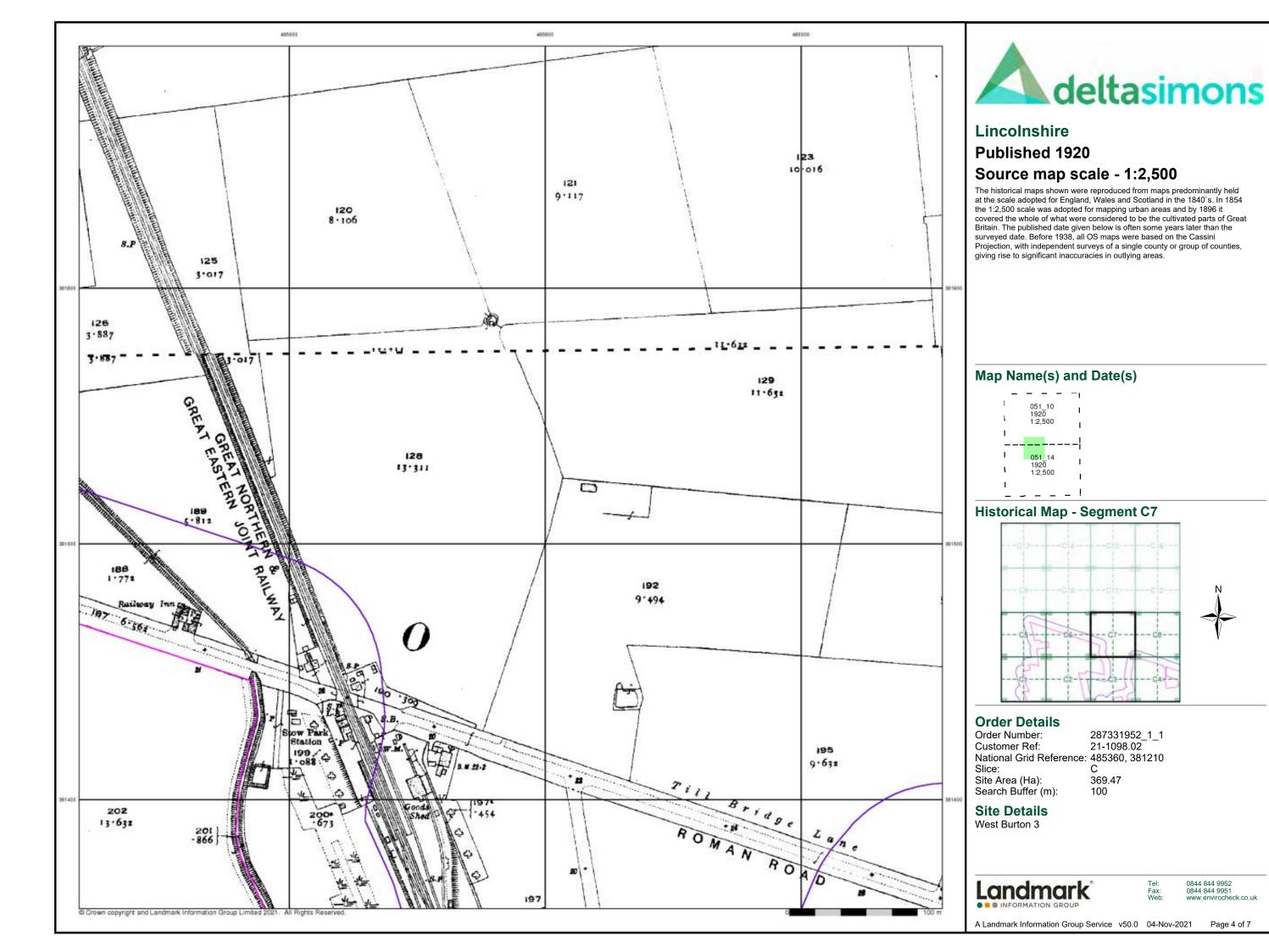
### **Site Details**

West Burton 3

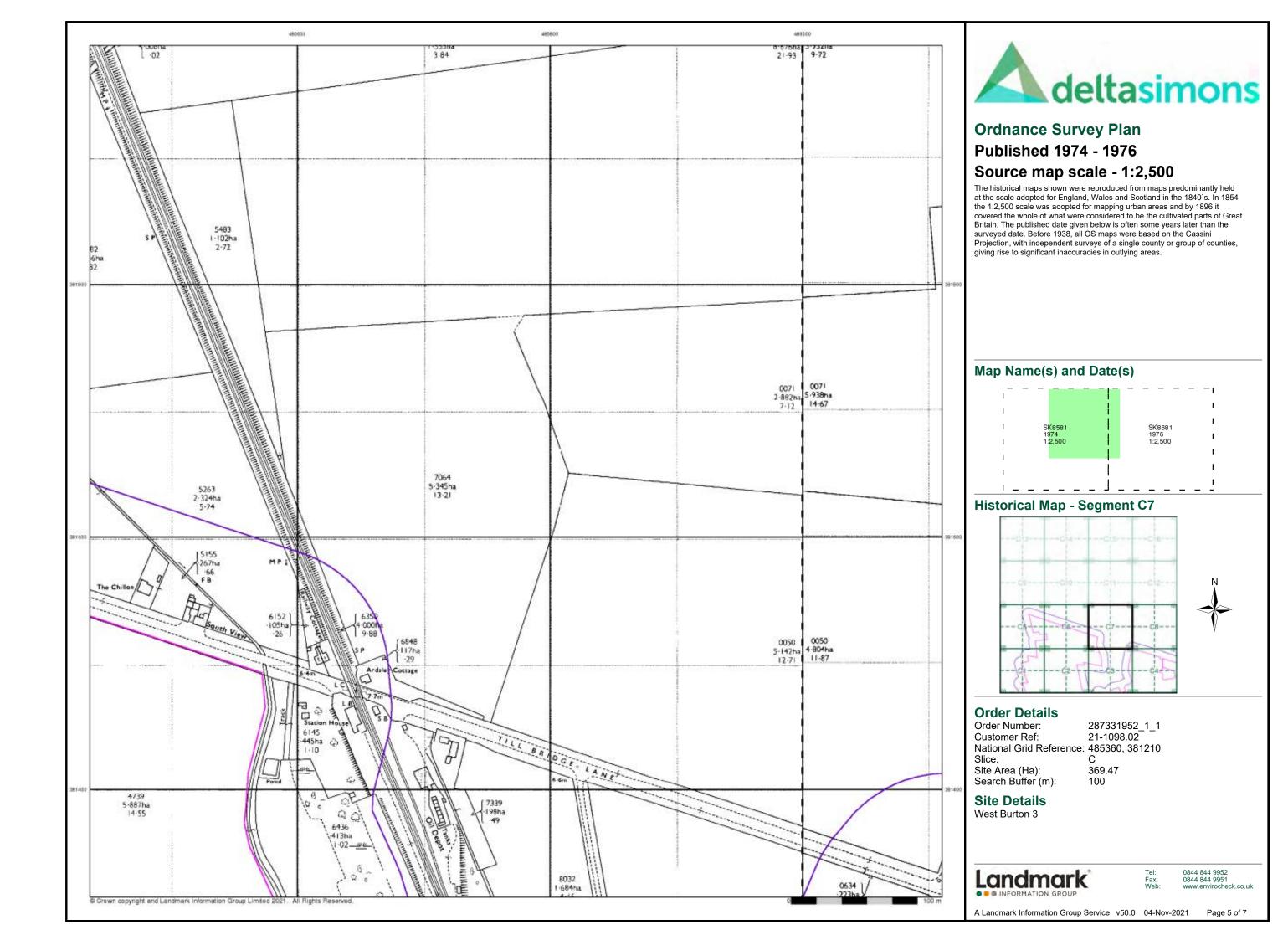


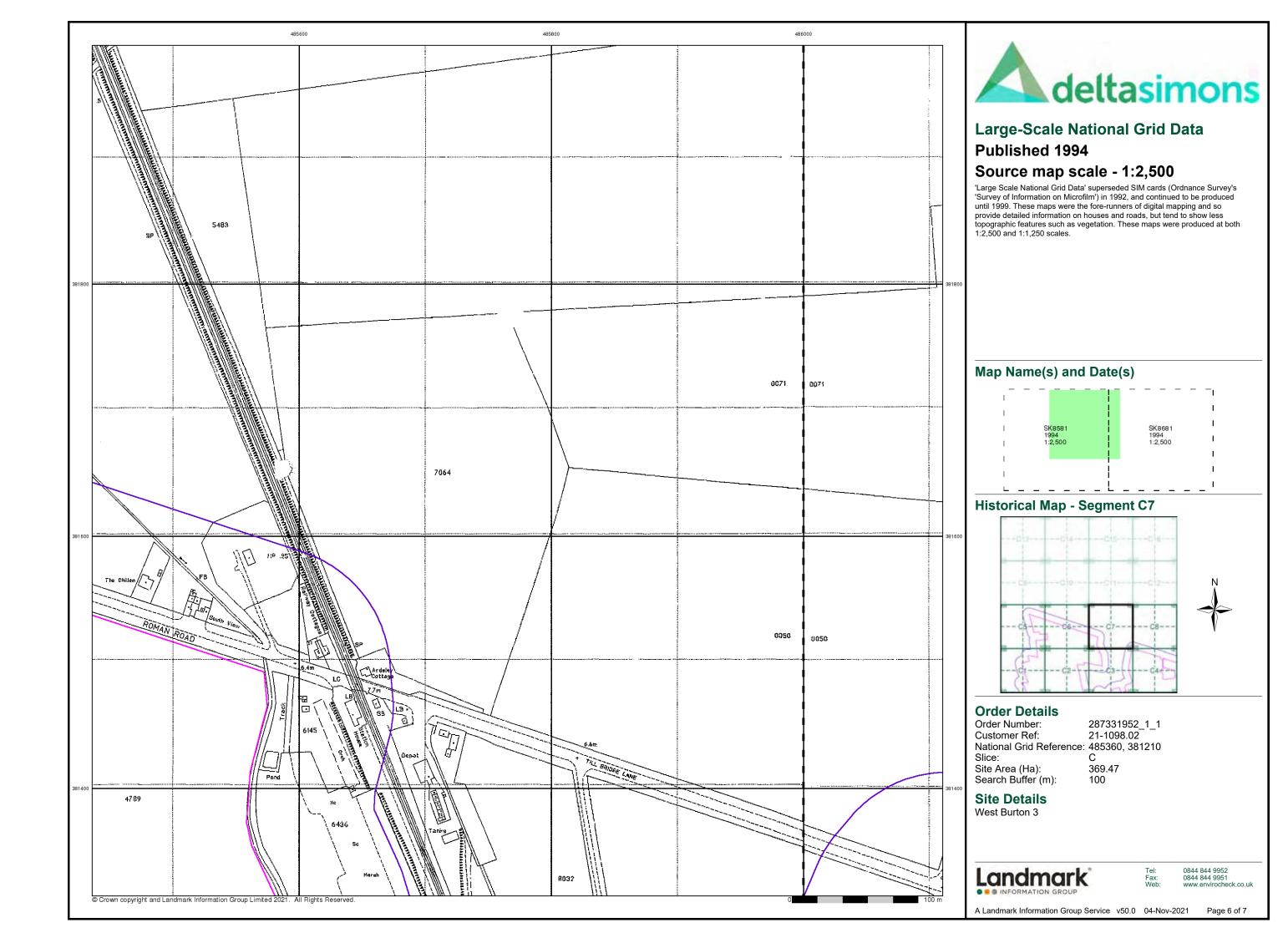
0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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Page 4 of 7



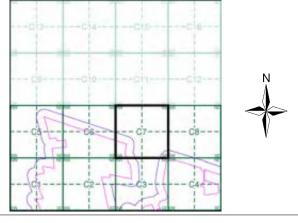






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

### **Historical Aerial Photography - Segment C7**



#### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47

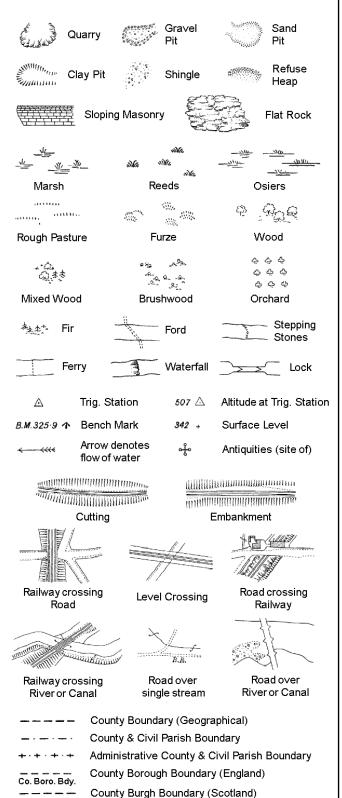
### **Site Details**

West Burton 3

Landmark*

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

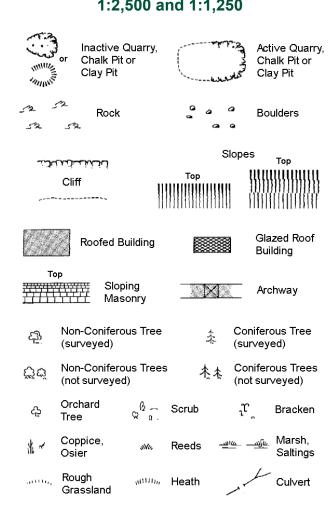
B.R.

E.P

F.B.

M.S

### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

Direction

Cave

of water flow

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

Bench

Triangulation

Antiquity

(site of)

Electricity

÷

,	_	_	
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

<del>دادارددادد</del> د			Slopes Top			
	Cliff		Тор	<b>                                      </b>		
523	Rock		7,3	Rock (so	cattered)	
$\triangle_{a}$	Boulders		Δ	Boulders	s (scattered)	
$\Box$	Positioned	Boulder		Scree		
<u> </u>	Non-Conif (surveyed	erous Tree )	*	Coniferd (surveye		
ζķά	Non-Conif (not surve	erous Trees yed)	* **	Conifero	ous Trees /eyed)	
දා	Orchard Tree	Q a.	Scrub	¹ T,	Bracken	
* ~	Coppice, Osier	siVis,	Reeds 🛥	<u> пре</u>	Marsh, Saltings	
willing.	Rough Grassland	$mnn_{b}$	Heath	1	Culvert	
<b>→</b>	Direction of water flo	Δ ow	Triangulation Station	, of	Antiquity (site of)	
_ E T L _	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon	
Buildings with Building Seed						
	Roofe	ed Building		25	azed Roof uilding	
		Ci∨il parish	/community b	oundary		
		District box	undary	_		
_ •		County box	undary			
٥		Boundary p	ost/stone			
£	>	Boundary r	mereing symb ear in oppose			
Bks	Barracks		Р	Pillar, Po	le or Post	
Bty	Battery		PO	Post Offi	ce	
Cemy	Cemetery		PC -		onvenience	
Chy	Chimney		Pp Ppg Sta	Pump	Station	
Cis Dismtd F	Cistern N∨ Disman	tled Railway	Ppg Sta PW	Pumping Place of		
El Gen S	•	ity Generating	Sewage P	pg Sta Se	worship ewage umping Station	
EIP	Electricity	Pole, Pillar	SB, S Br		ox or Bridge	
El Sub S	ta Electricity	Sub Station	SP, SL	Signal P	ost or Light	
FB	Filter Bed		Spr	Spring		
Fn/DFr	ı Fountain /	Drinking Ftn.	Tk	Tank or T	<b>Track</b>	
0- 0	0		<b>T</b>	T		

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

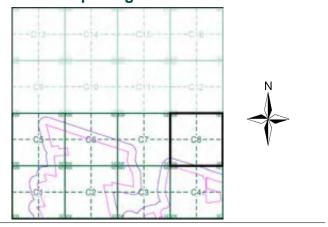
Works (building or area)



### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment C8**



#### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 485360, 381210 Slice:

369.47 Site Area (Ha): Search Buffer (m):

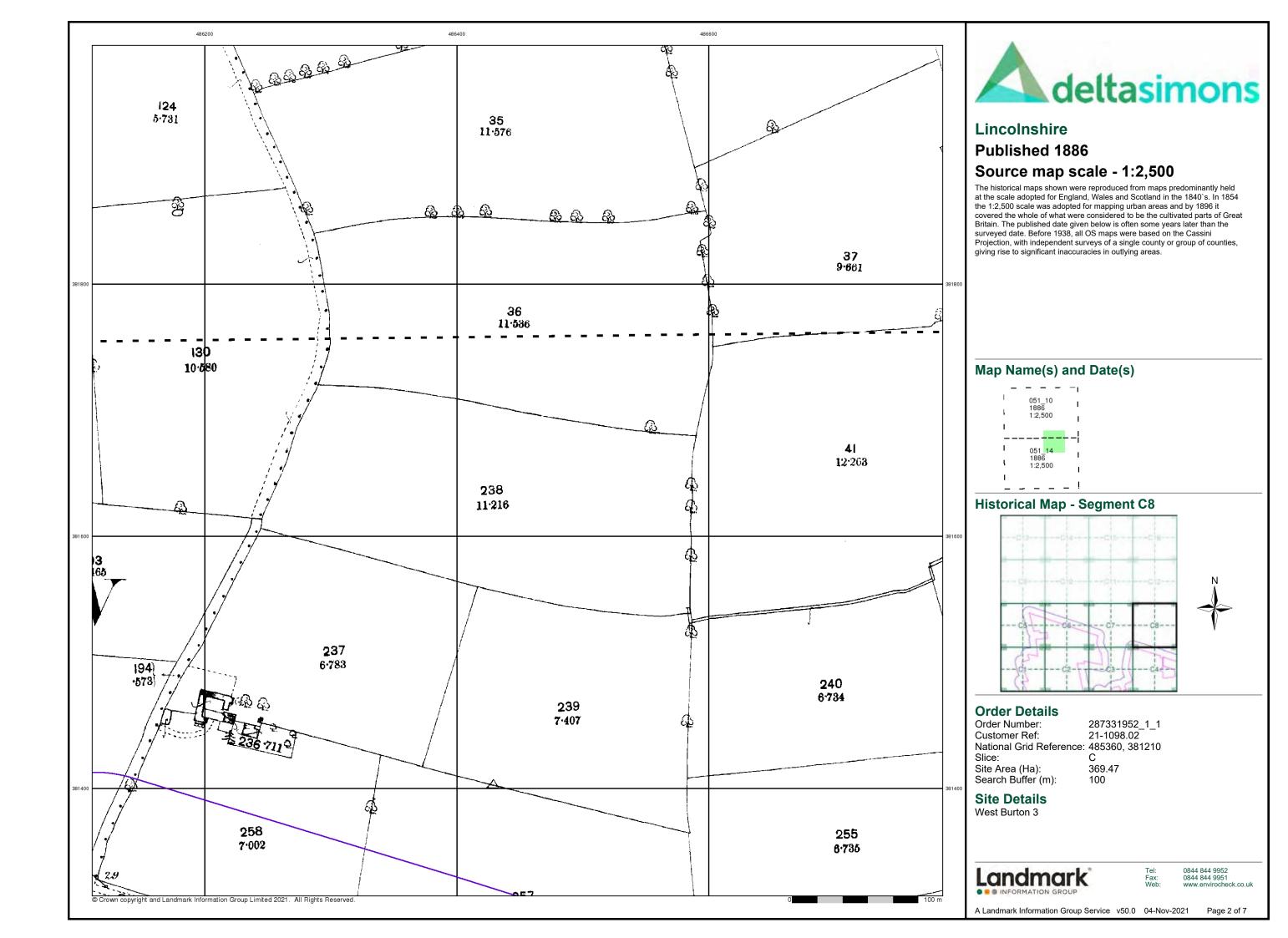
### **Site Details**

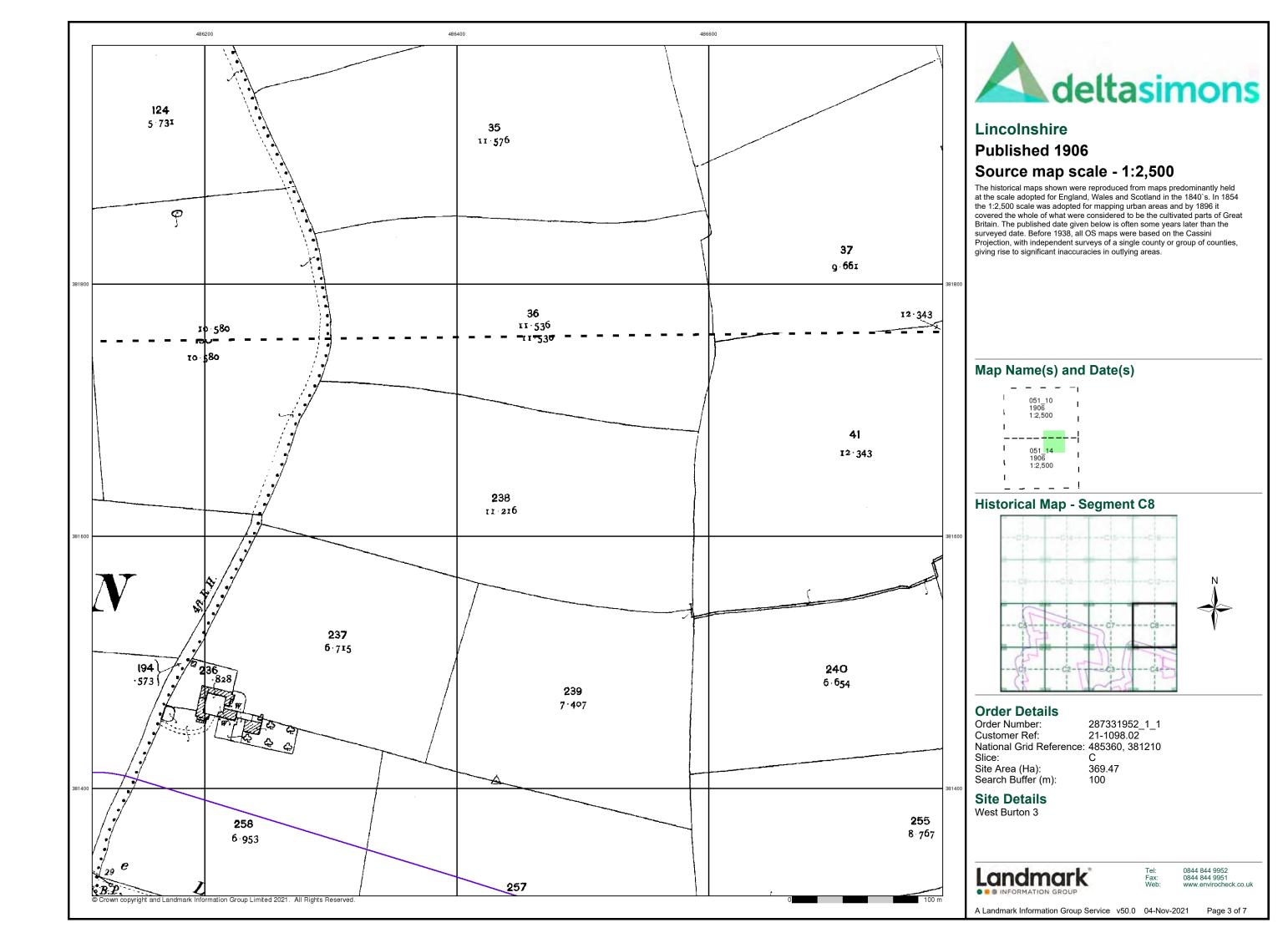
West Burton 3

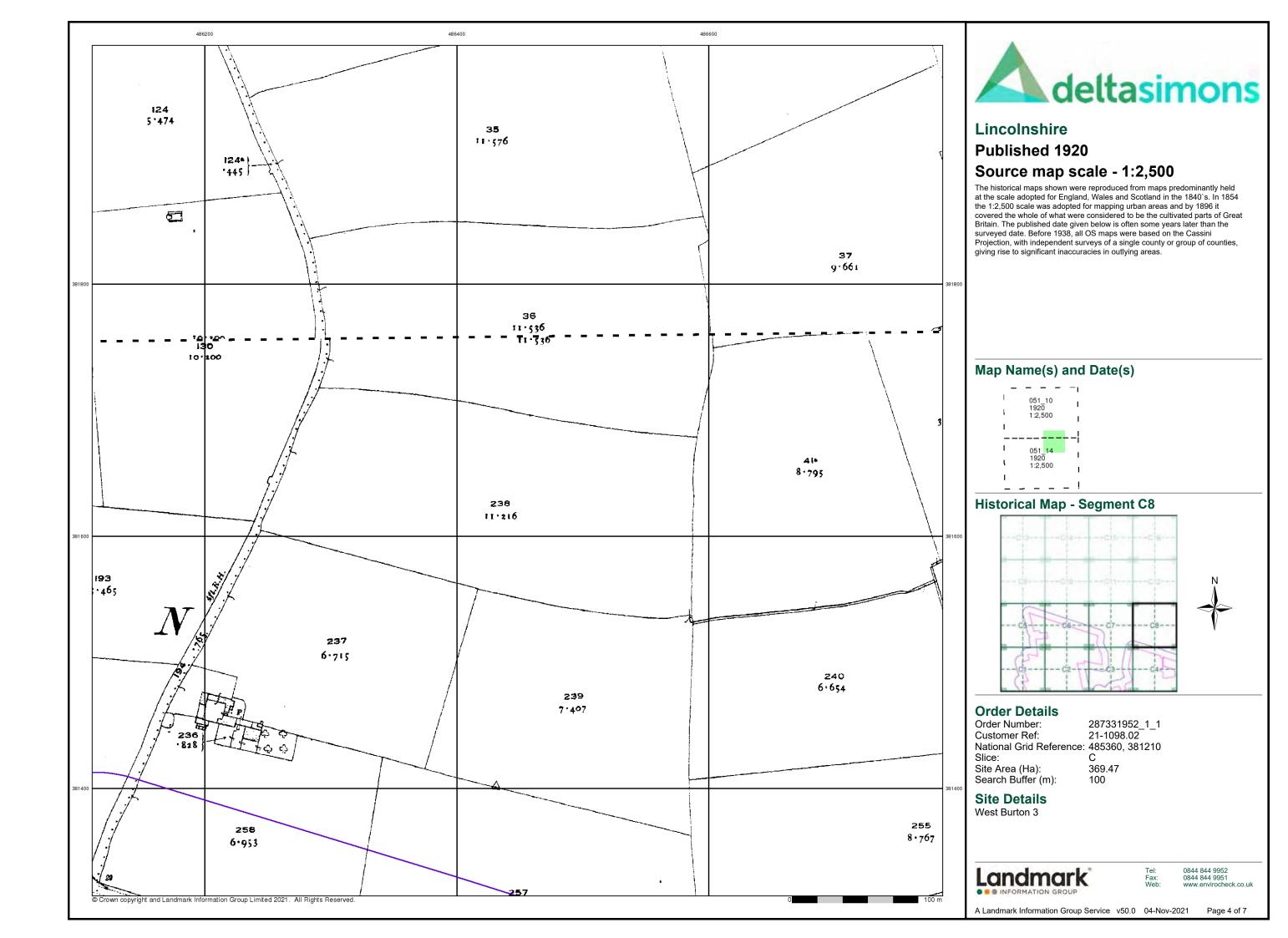


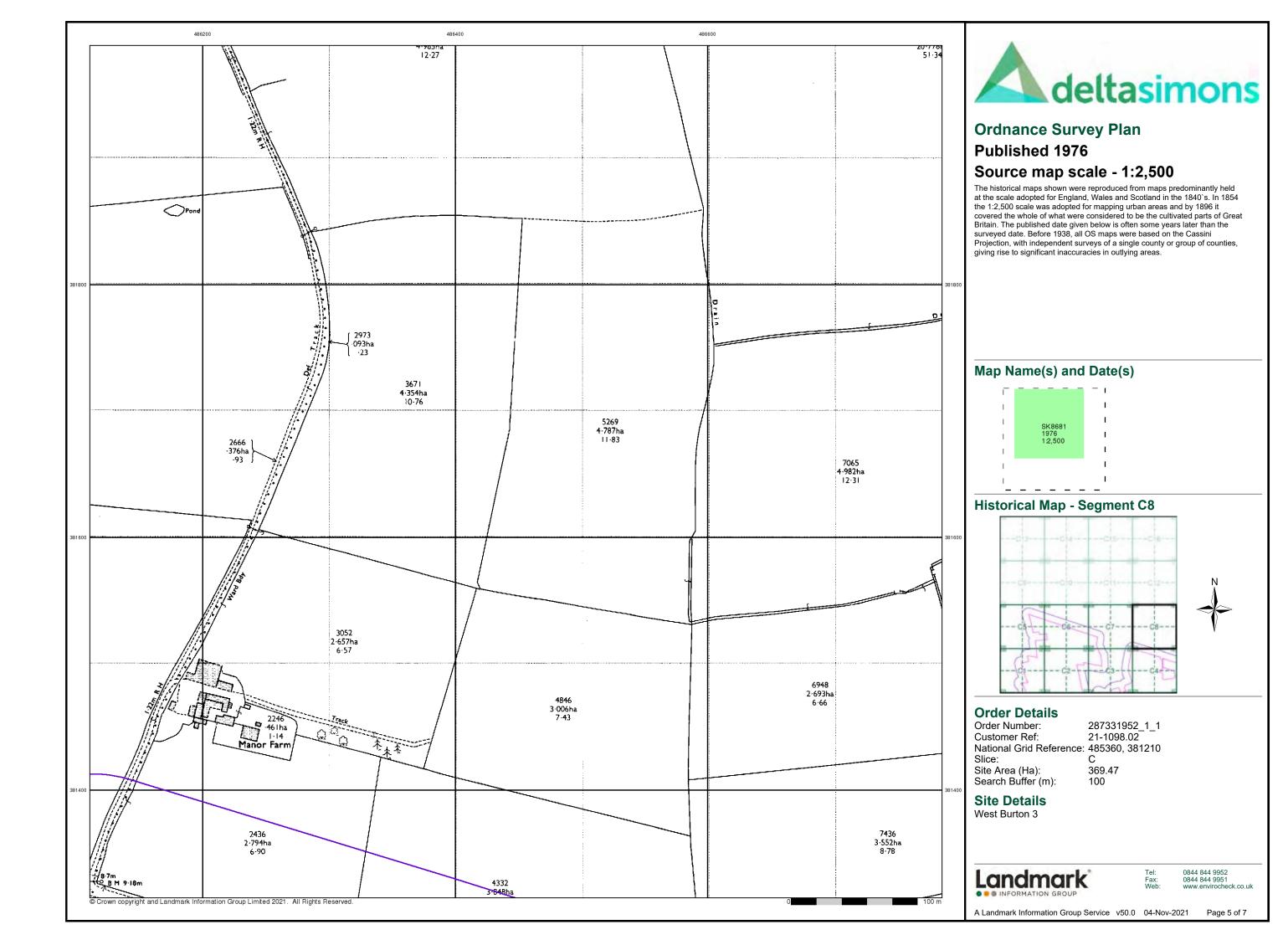
0844 844 9952 0844 844 9951

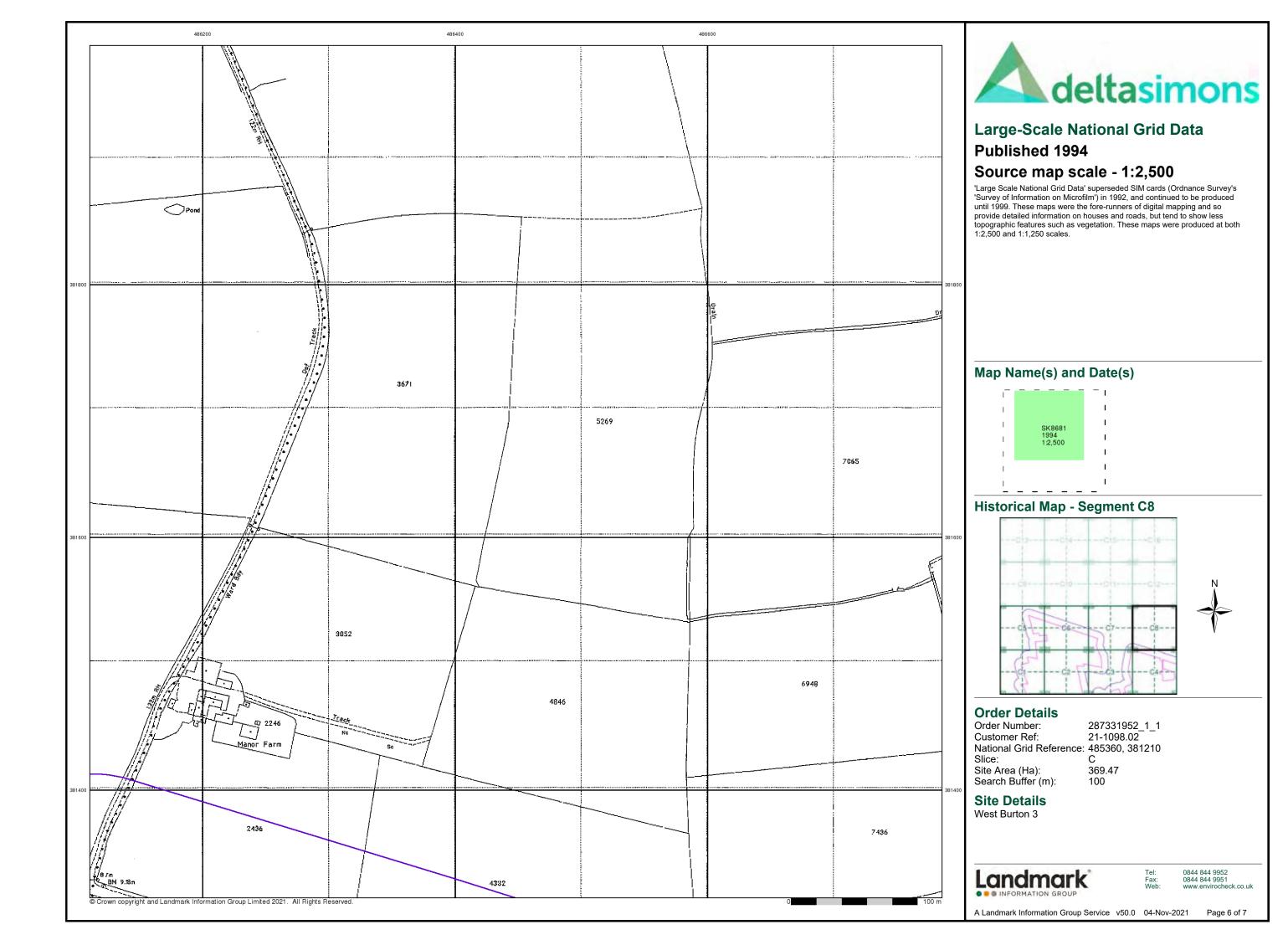
Page 1 of 7

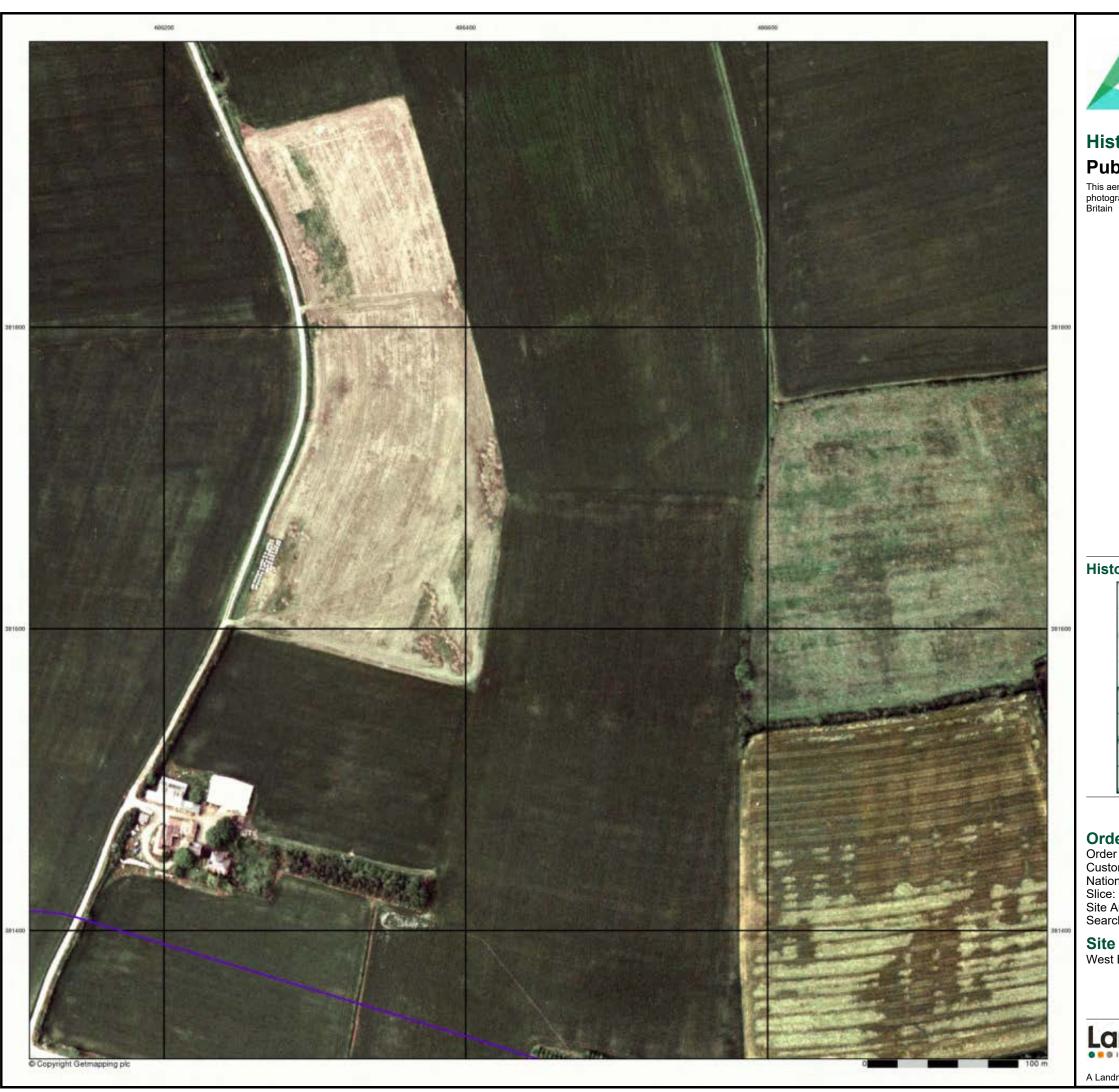










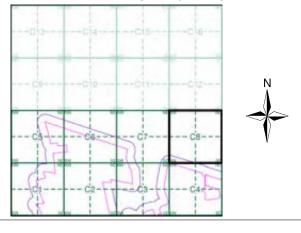




# **Historical Aerial Photography** Published 1999

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 C8**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485360, 381210

Site Area (Ha): Search Buffer (m): 369.47 100

**Site Details** 

West Burton 3

Landmark*

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# **Historical Mapping Legends**

# Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

**Ordnance Survey County Series 1:10,560** 

## Ordnance Survey Plan 1:10,000

<u>~</u>	Chalk Pit, Clay Pit or Quarry	0000000	Gravel Pit
	Sand Pit	(	Disused Pit or Quarry
1101	Refuse or Slag Heap	<b>((()</b>	Lake, Loch or Pond
	Dunes		Boulders
	Coniferous Trees	4	Non-Coniferous Trees
ф ф ord	chard no_	Scrub	∖Yn/ Coppice
പ്പ് Bra പ	acken	Heath '	Rough Grassland
<u> പ്</u> Ma	rshV///	Reeds	<u> ಽ</u> Saltings
Bui	Directi	on of Flow of	Water
<b>∰</b> Gla	sshouse	*//	Sand
Slo	ping Masonry	Pylon — — — — Pole — — • —	Electricity Transmission Line
Cutting			
***********			' Multiple Track
	//	\\	⊨ Standard Gauge
Road ′ ''∏''' Under	Road // Level Over Crossii	∣∖∖ Foot ng Bridge	Single Track
			Siding, Tramway or Mineral Line
	+ + + + + +		→ Narrow Gauge
	Geographical Cou	nty	
	Administrative Co or County of City	unty, County	Borough
	Municipal Boroug Burgh or District (		ural District,
	Borough, Burgh o Shown only when not		
	Civil Parish Shown alternately wh	en coincidence	of boundaries occurs
BP, BS Bour	ndary Post or Stone	Pol Sta	Police Station
Ch Chur	-	PO SIA	Police Station Post Office
	House	PC	Public Convenience
	Engine Station	PH	Public House
FB Foot	Bridge	SB	Signal Box
Fn Four		Spr	Spring
	e Post	TCB	Telephone Call Box
MP Mile I	Post Stone	TCP W	Telephone Call Post

# 1:10,000 Raster Mapping

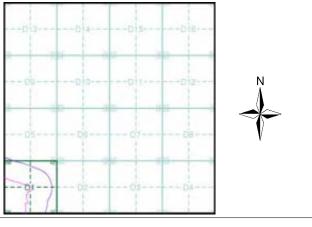
(EE)	Gravel Pit	(EEE)	Refuse tip or slag heap
2 7 7 7	Rock	1 7	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand		Sand Pit
mmm*	Slopes	ההרוניה הההההה	Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
۵۵ **	Area of wooded vegetation	مم مم	Non-coniferous trees
۵۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	Q	Positioned tree
4	Orchard	y x	Coppice or Osiers
unte.	Rough Grassland	cellities	Heath
On_	Scrub	Mis.	Marsh, Salt Marsh or Reeds
S	Water feature	<del>-</del>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
← BM 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stack or lighting tower
++-	Site of (antiquity)		Glasshouse
	General Building		Important Building



# **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Lincolnshire	1:10,560	1906 - 1907	4
Lincolnshire	1:10,560	1907	5
Lincolnshire	1:10,560	1922	e
Lincolnshire	1:10,560	1922	7
Lincolnshire	1:10,560	1947	8
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1981	10
10K Raster Mapping	1:10,000	2000	11
10K Raster Mapping	1:10,000	2006	12
VectorMap Local	1:10,000	2021	13

# **Historical Map - Slice D**



### **Order Details**

Order Number: 287331952_1_1 Customer Ref: 21-1098.02 National Grid Reference: 487060, 380960

Slice:

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

**Site Details** 

West Burton 3

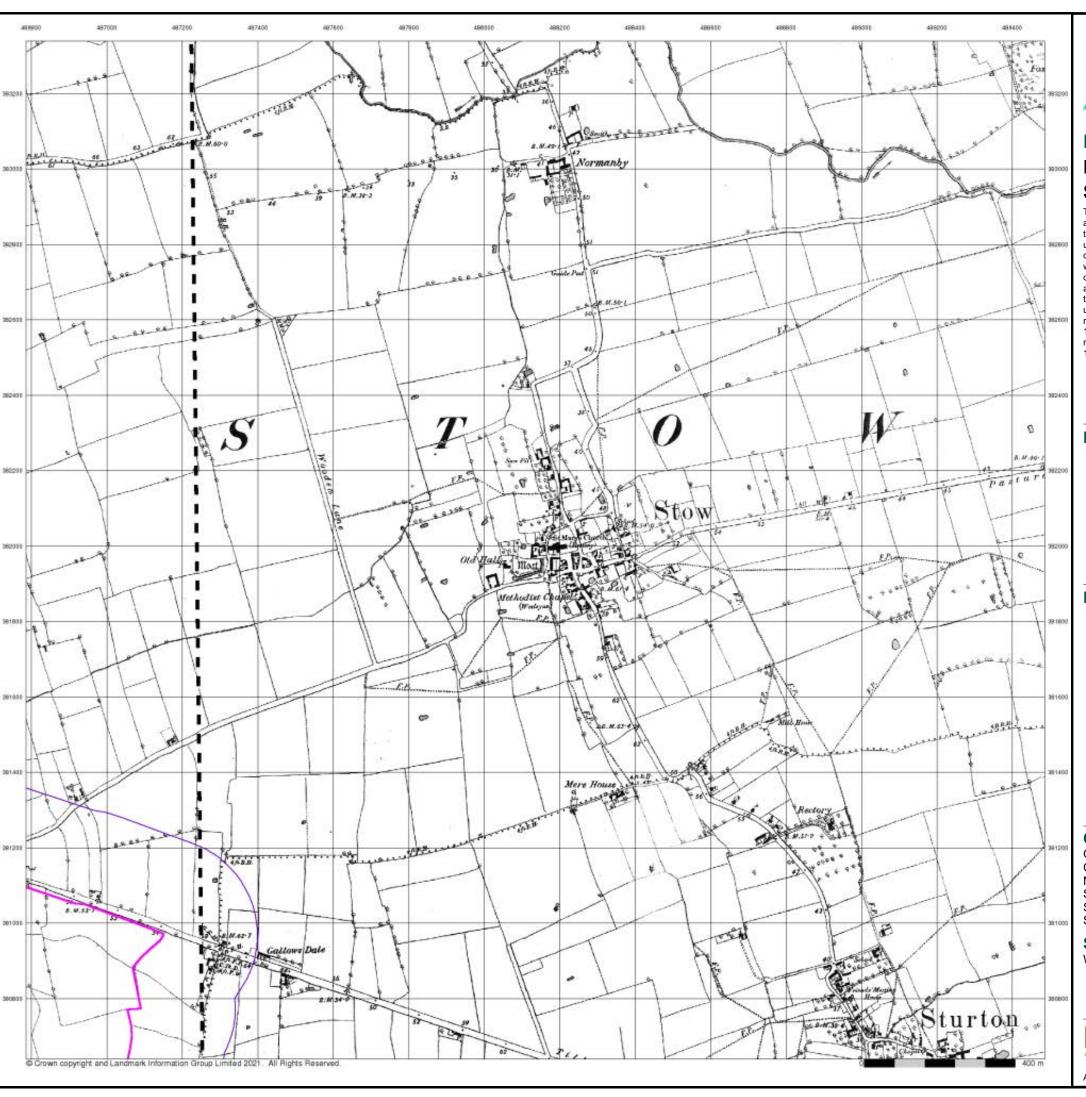


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369.47

250



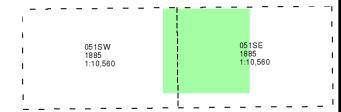


## Lincolnshire

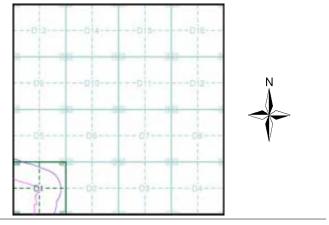
# Published 1885 Source map scale - 1:10,560

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 D**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 487060, 380960

Slice:

Site Area (Ha): 369.47 Search Buffer (m): 250

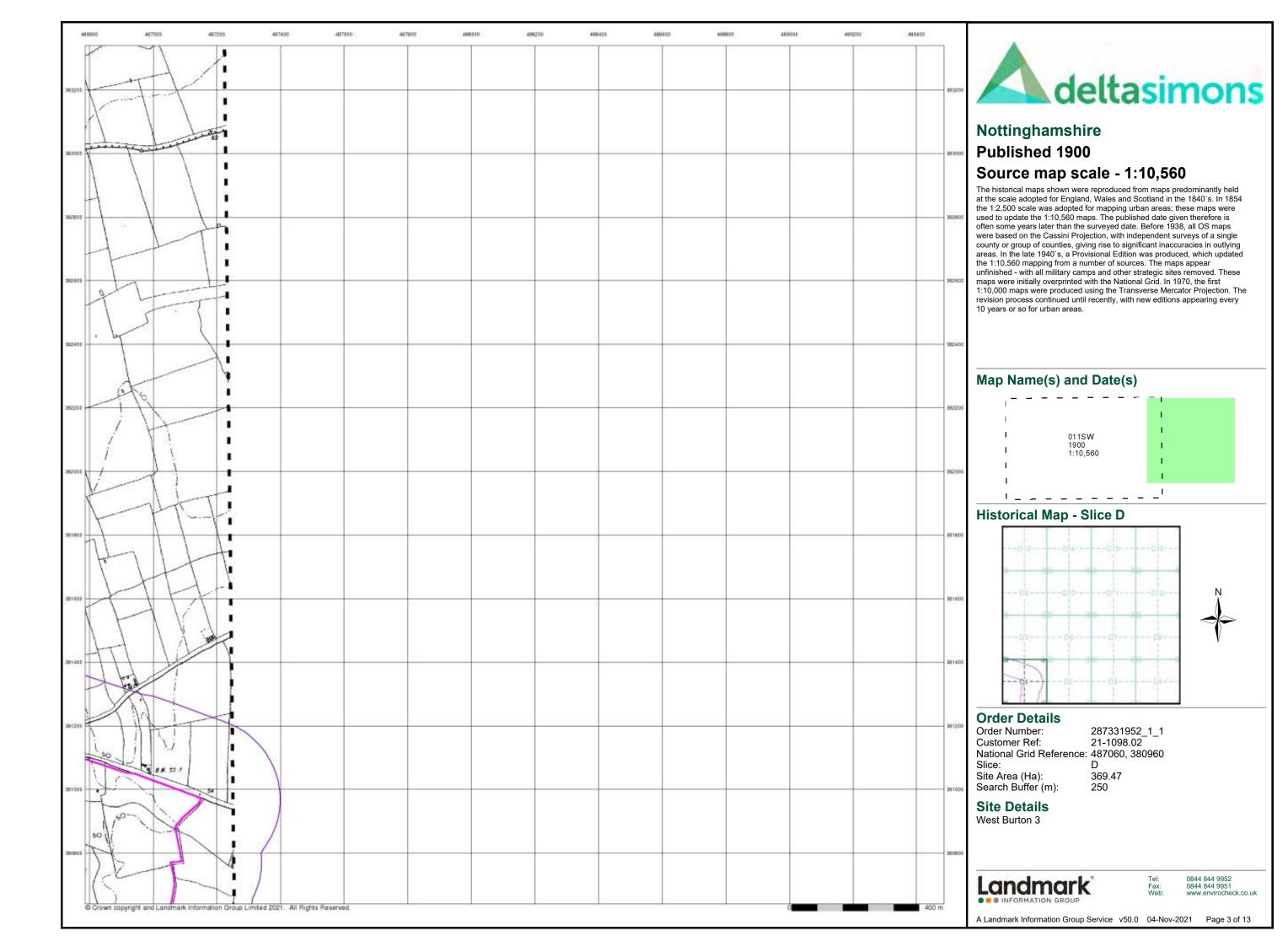
# **Site Details**

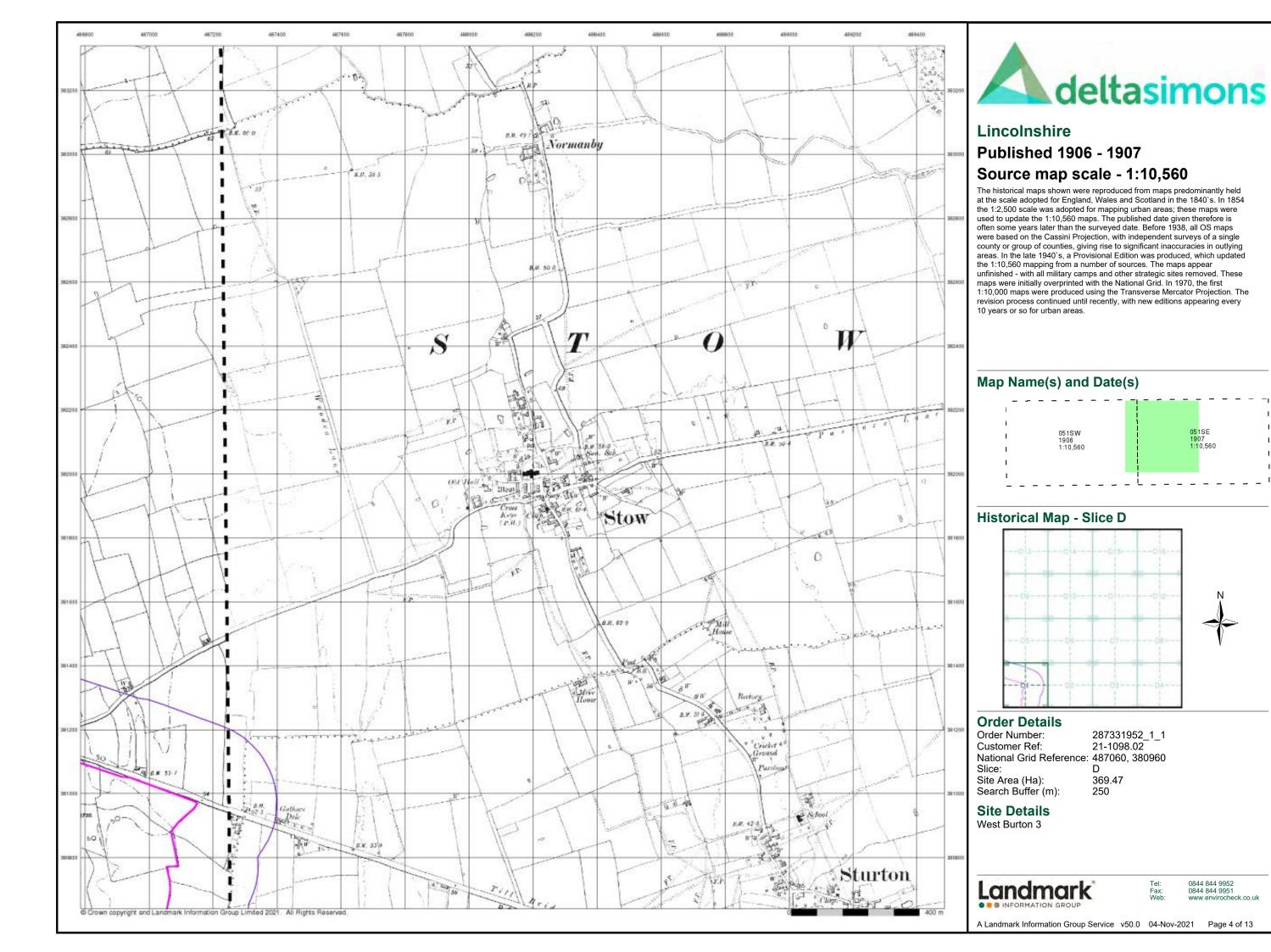
West Burton 3

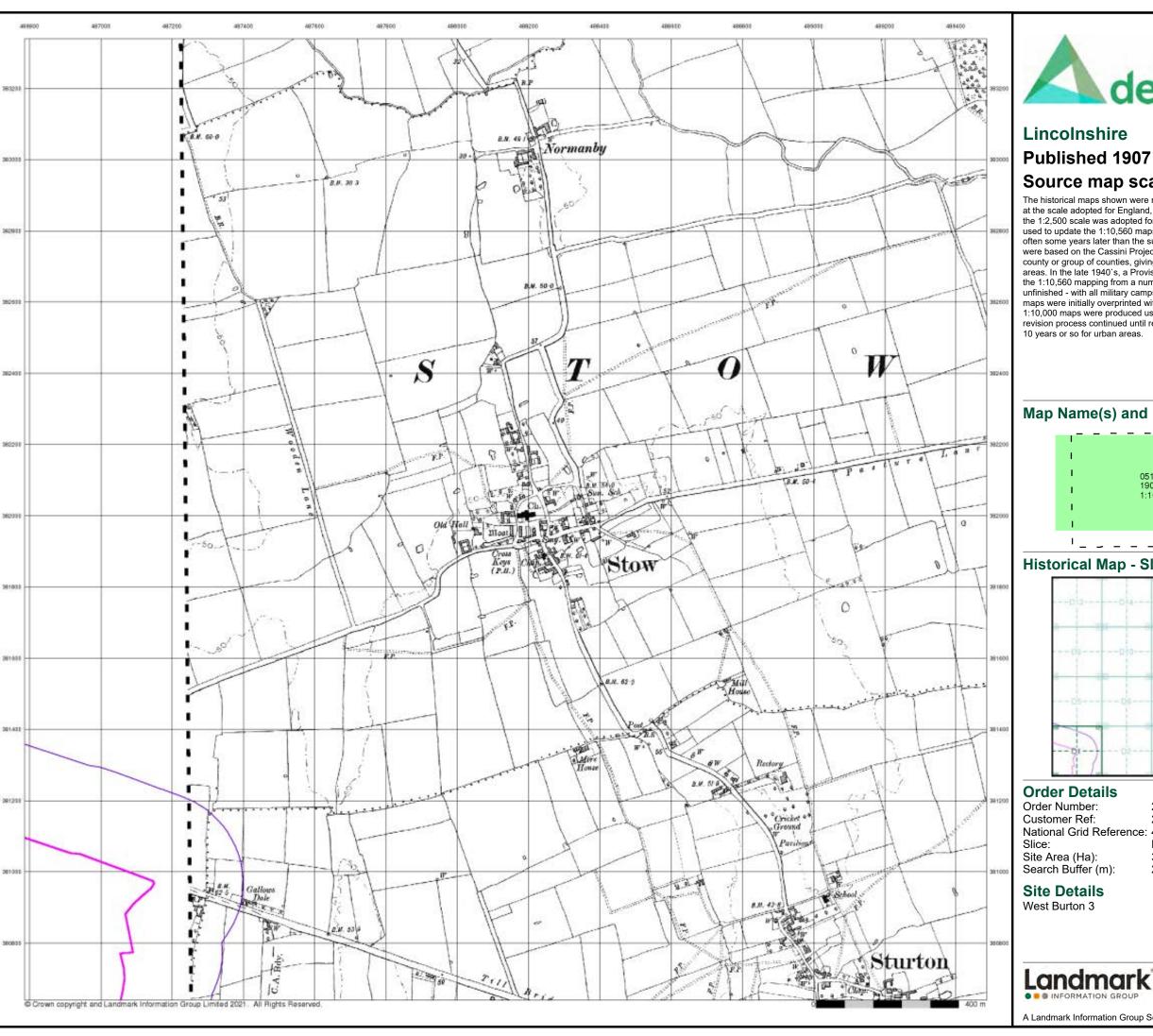


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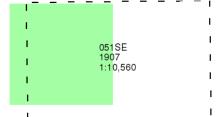


# Lincolnshire

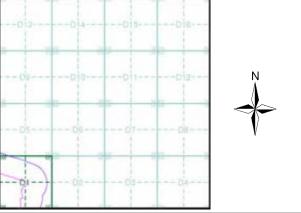
# Source map scale - 1:10,560

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 D**



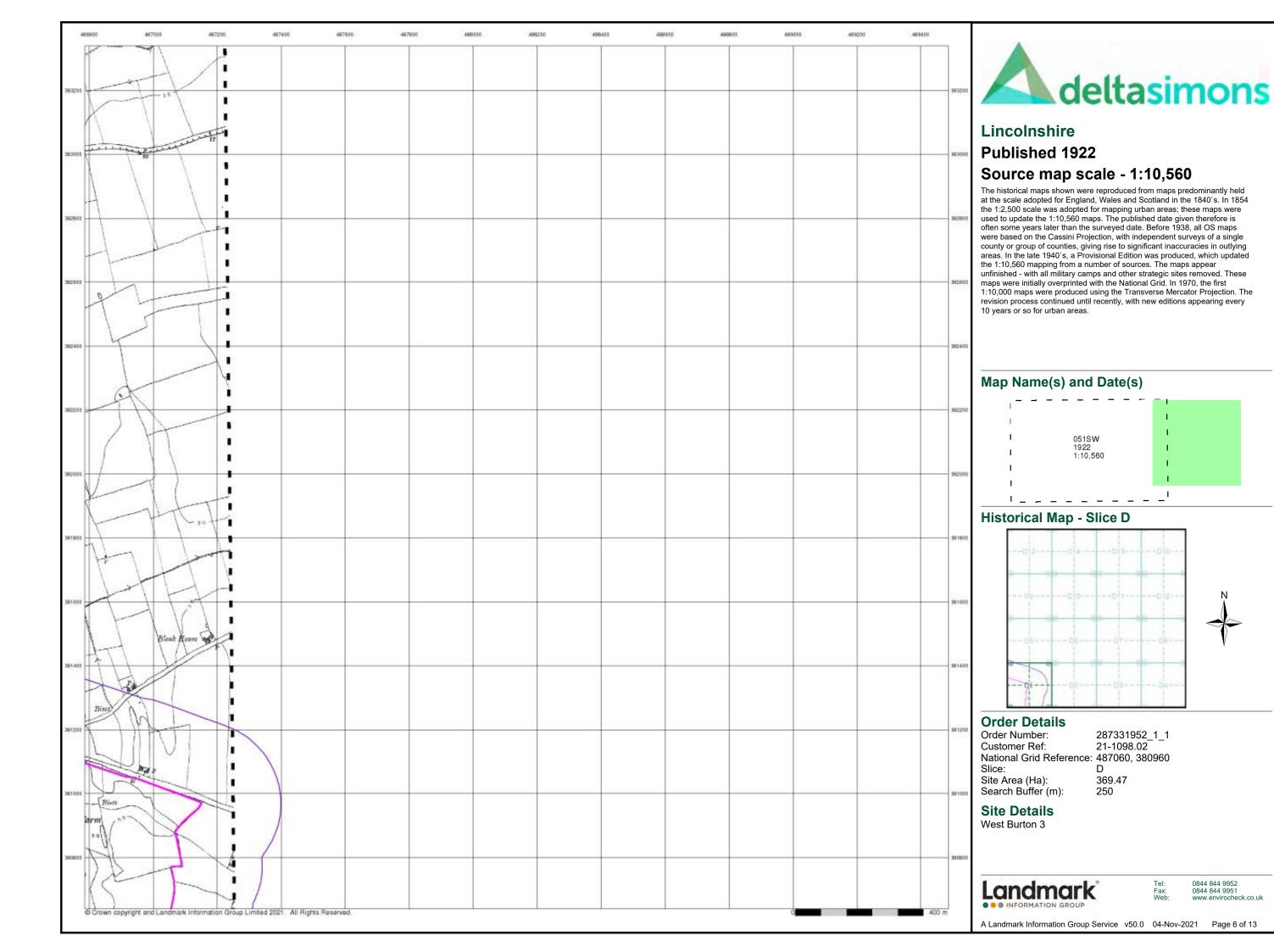
287331952_1_1 21-1098.02 National Grid Reference: 487060, 380960

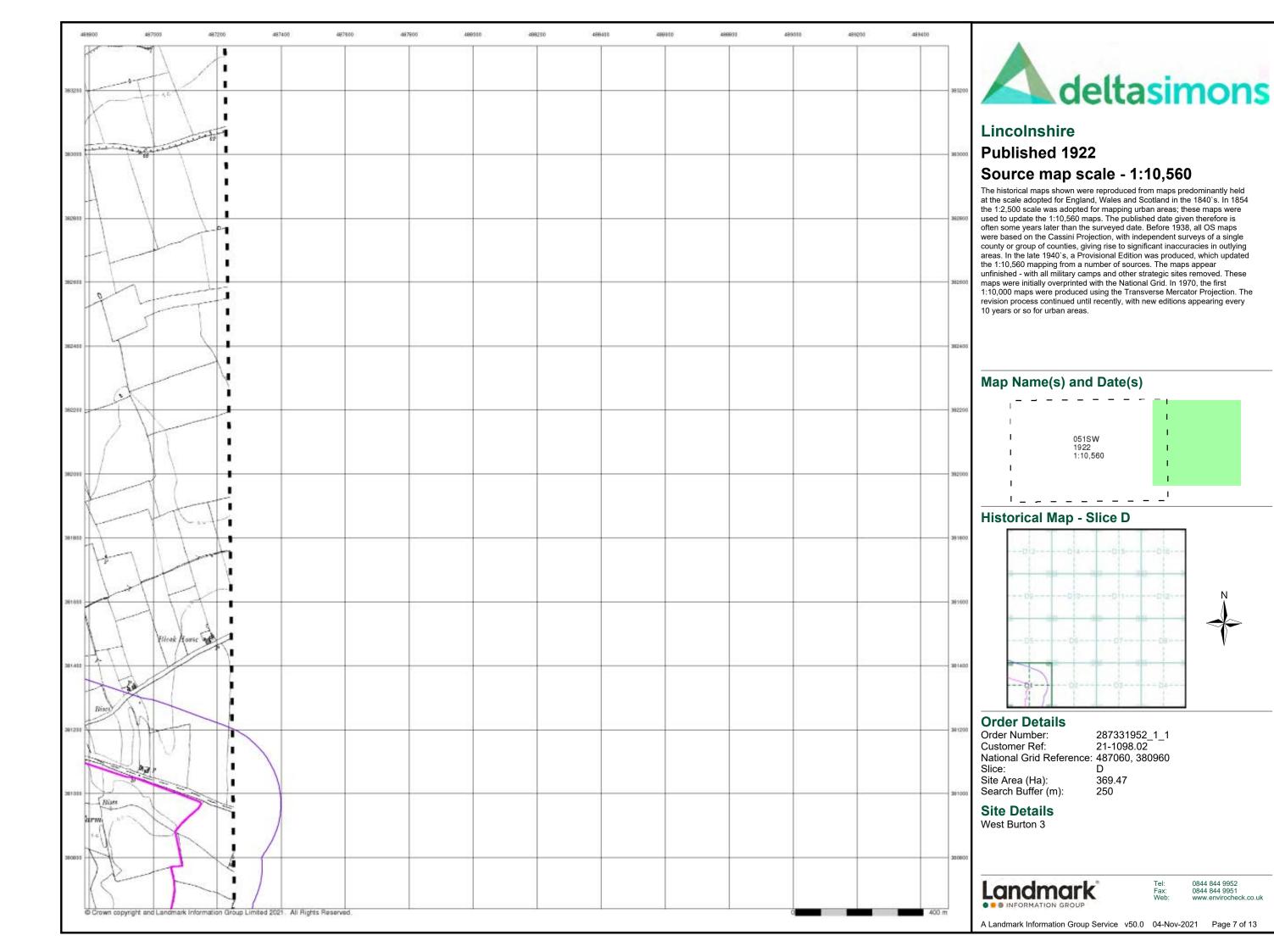
369.47

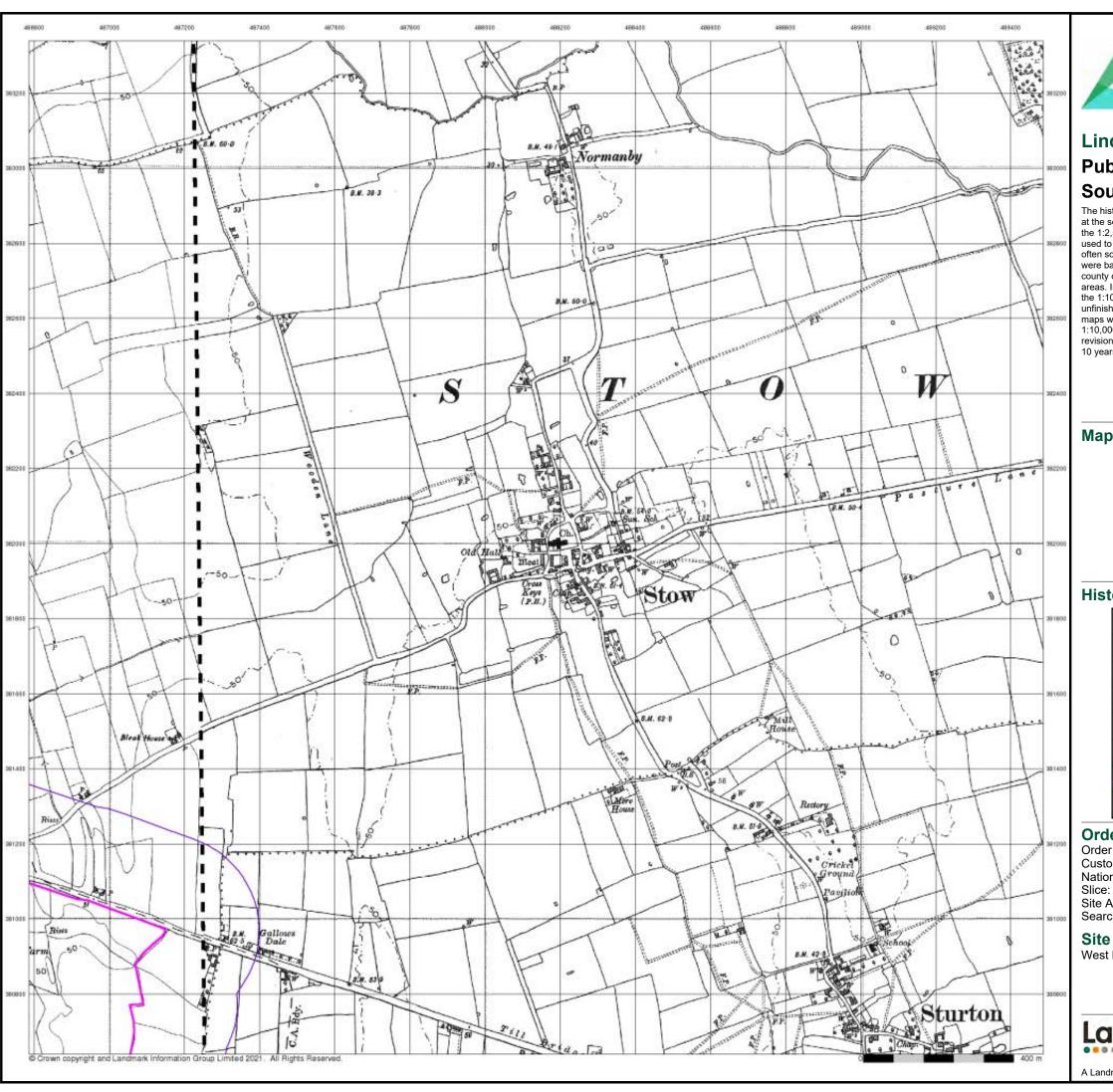


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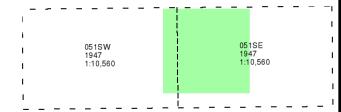


# Lincolnshire

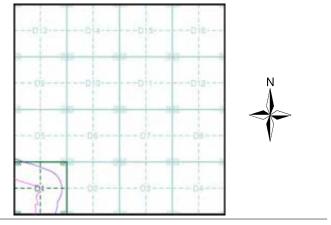
# **Published 1947** Source map scale - 1:10,560

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 D**



### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 487060, 380960

Site Area (Ha): Search Buffer (m): 369.47

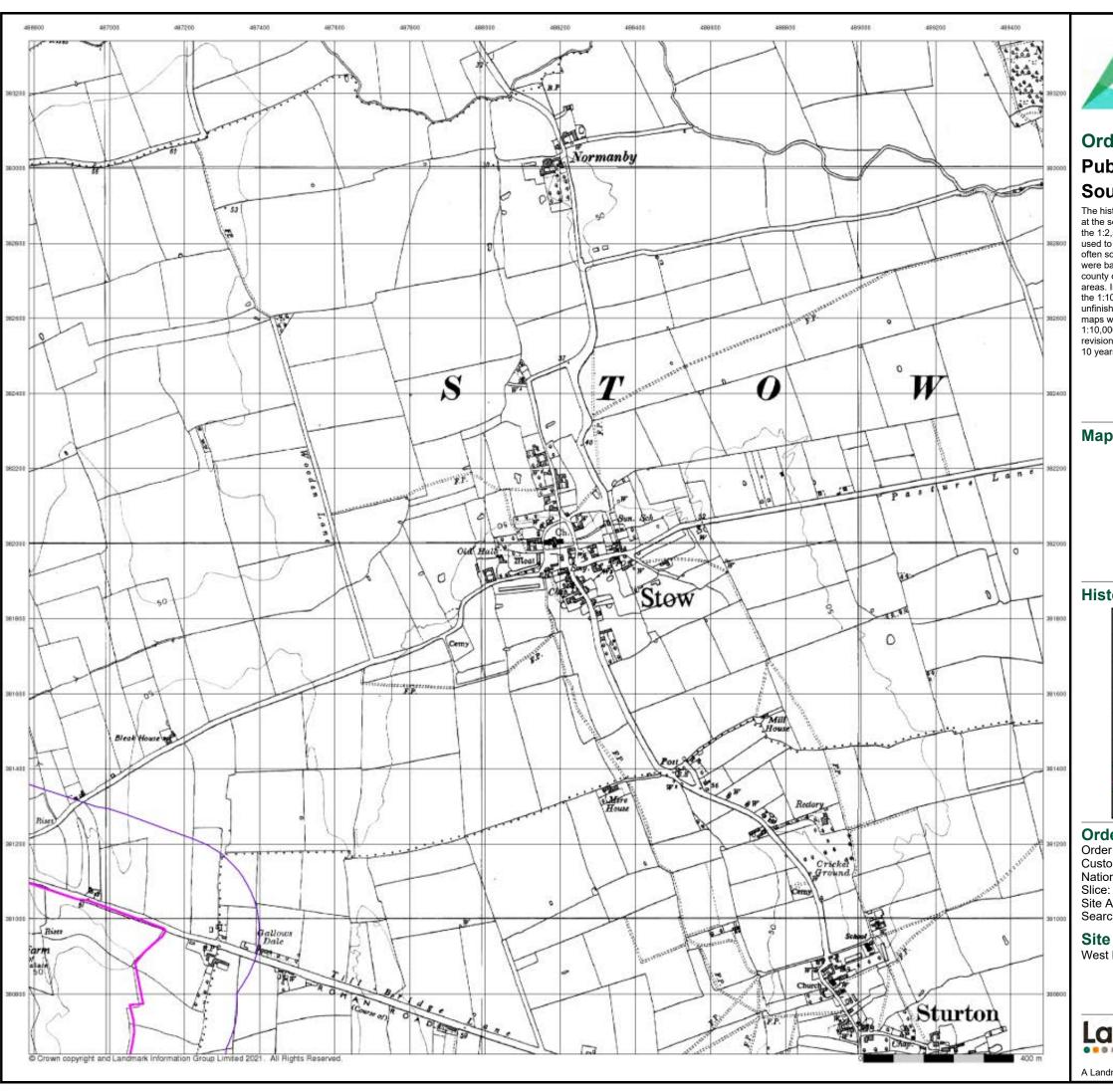
# **Site Details**

West Burton 3

Landmark

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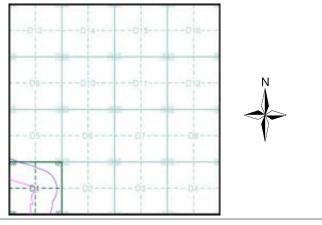
# **Ordnance Survey Plan Published 1956** Source map scale - 1:10,000

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 D**



### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 487060, 380960

Site Area (Ha): Search Buffer (m): 369.47

# **Site Details**

West Burton 3

Landmark

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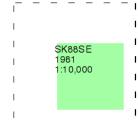




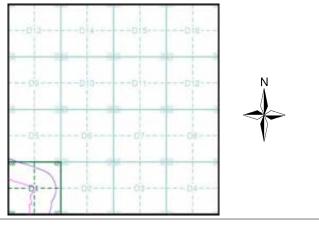
# **Ordnance Survey Plan Published 1981** Source map scale - 1:10,000

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 D**



### **Order Details**

Order Number: 287331952_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 487060, 380960

Site Area (Ha): Search Buffer (m): 369.47

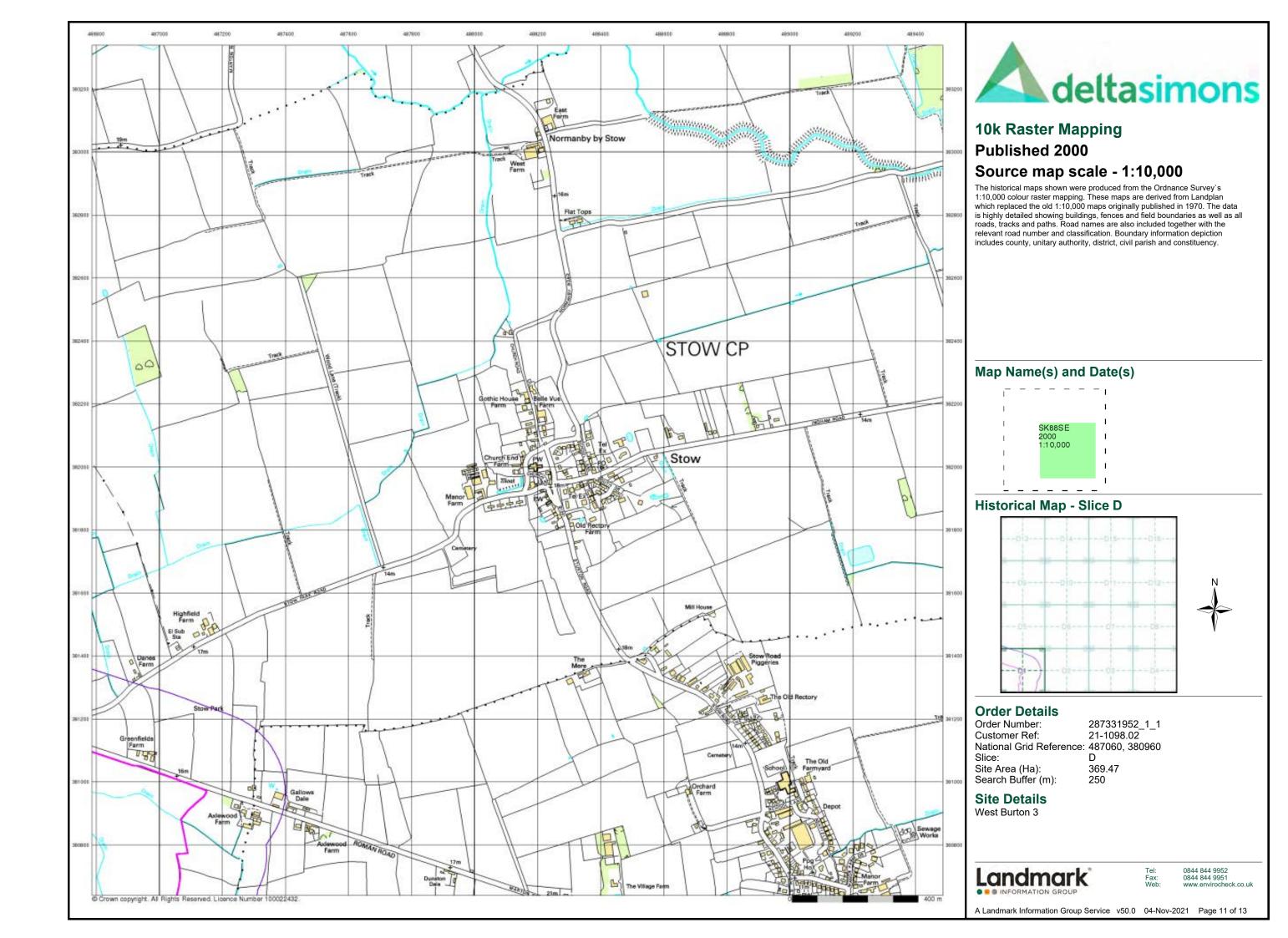
# **Site Details**

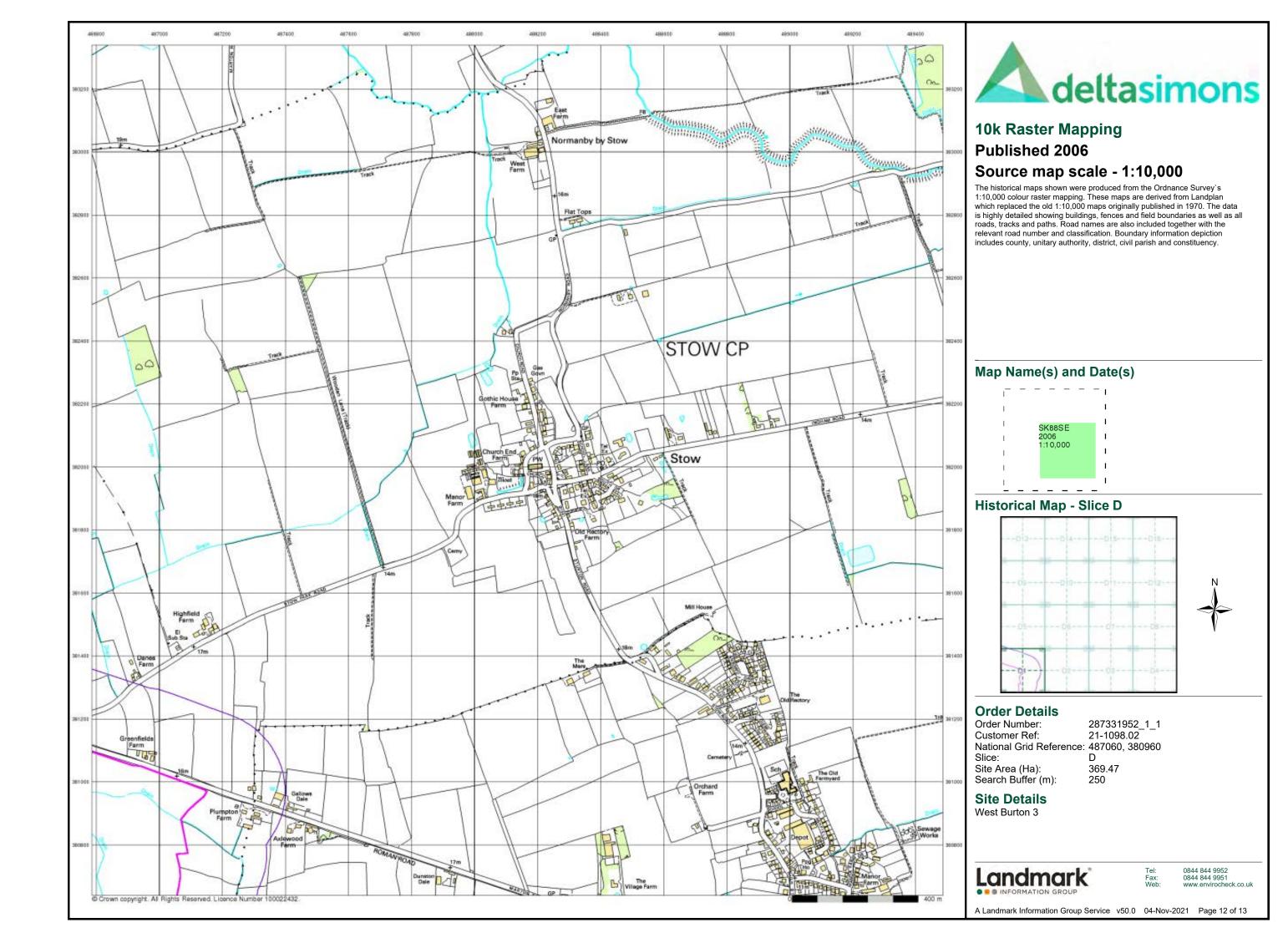
West Burton 3

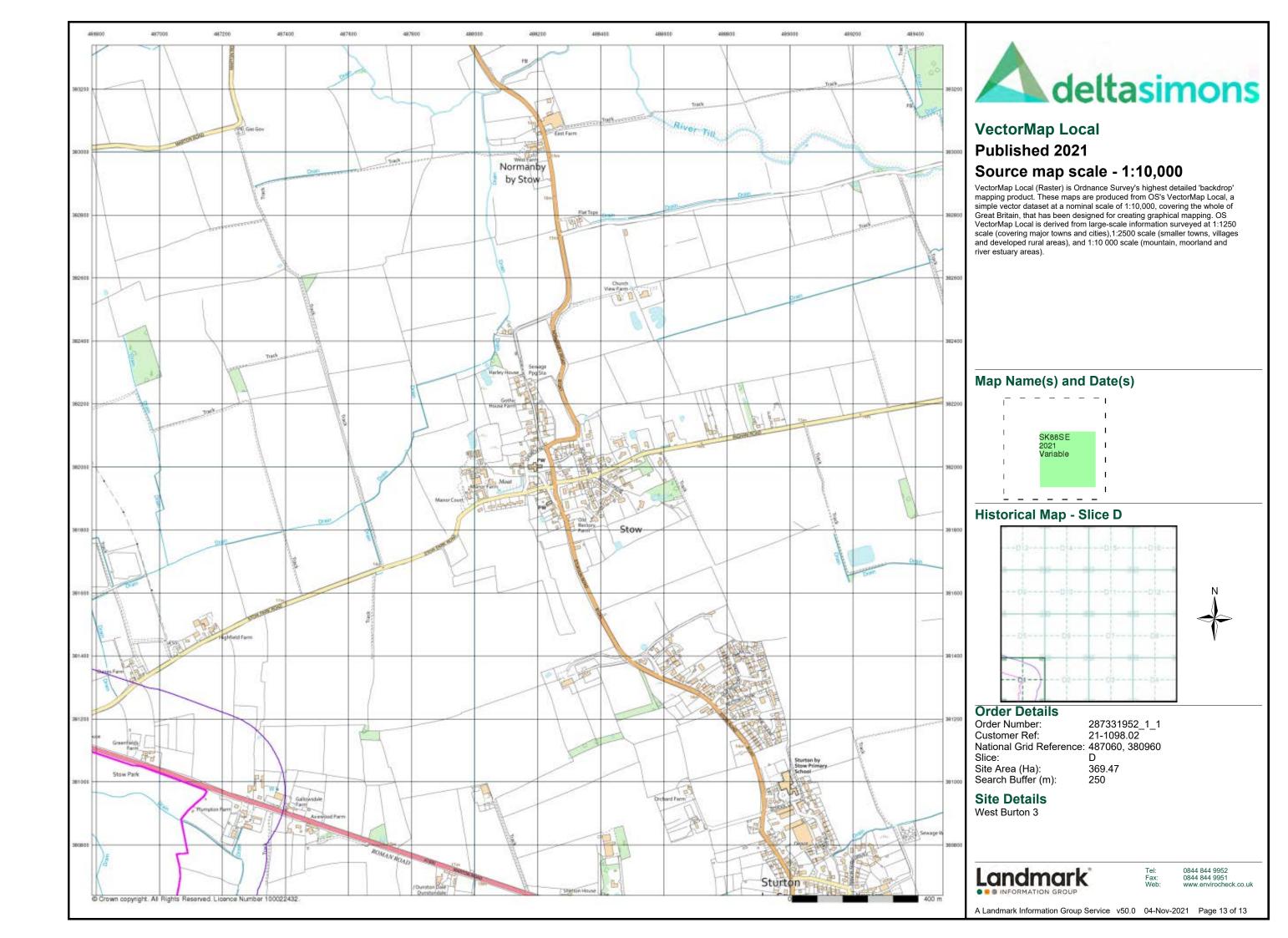


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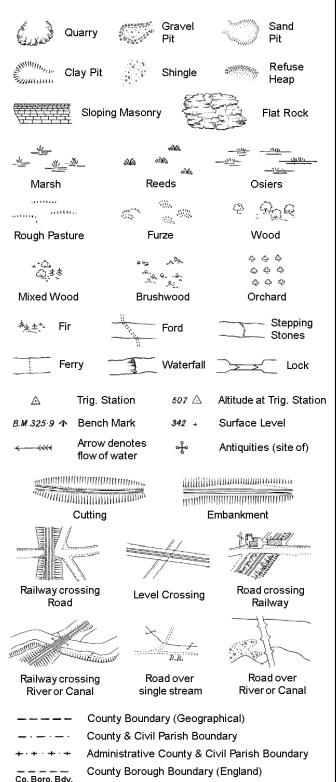






# **Historical Mapping Legends**

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



County Burgh Boundary (Scotland)

S.P

T.C.B

Sl.

 $T_T$ 

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

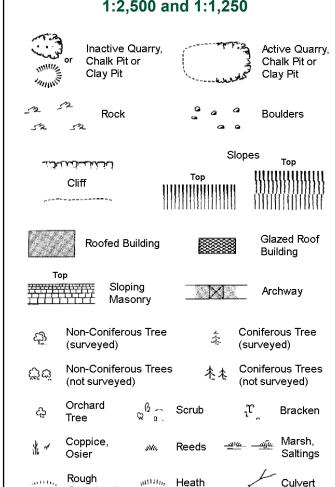
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Culvert Grassland Direction Bench Antiquity of water flow (site of) Electricity Triangulation Cave Entrance

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

-			
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

GVC

MP, MS

Gas Governer

Mile Post or Mile Stone

**Guide Post** 

Manhole

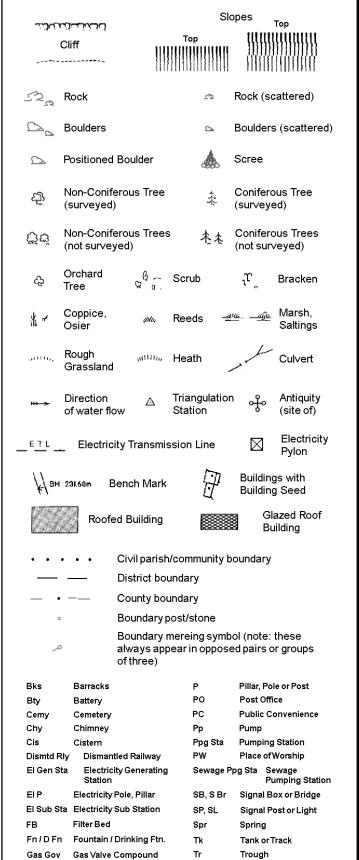
Wd Pp

Wks

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

# 1:1,250

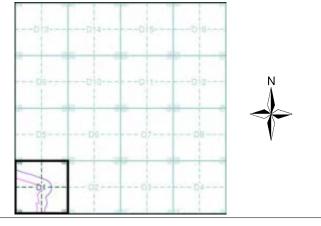




## **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Lincolnshire	1:2,500	1886	2
Lincolnshire	1:2,500	1906	3
Lincolnshire	1:2,500	1920	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

# **Historical Map - Segment D1**



#### **Order Details**

Order Number: 287331952_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 487060, 380960 Slice:

Site Area (Ha): 369.47 Search Buffer (m): 100

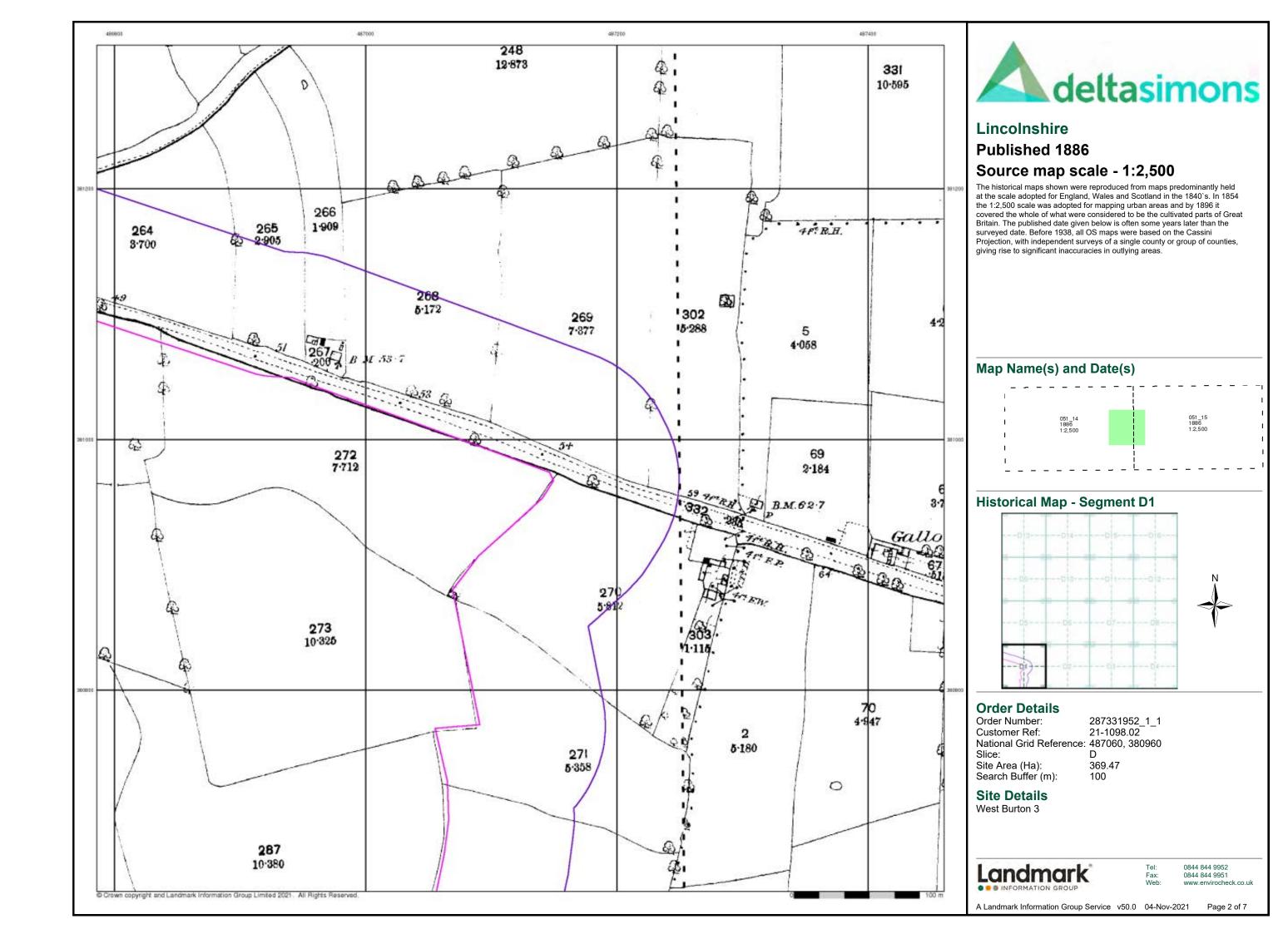
**Site Details** West Burton 3

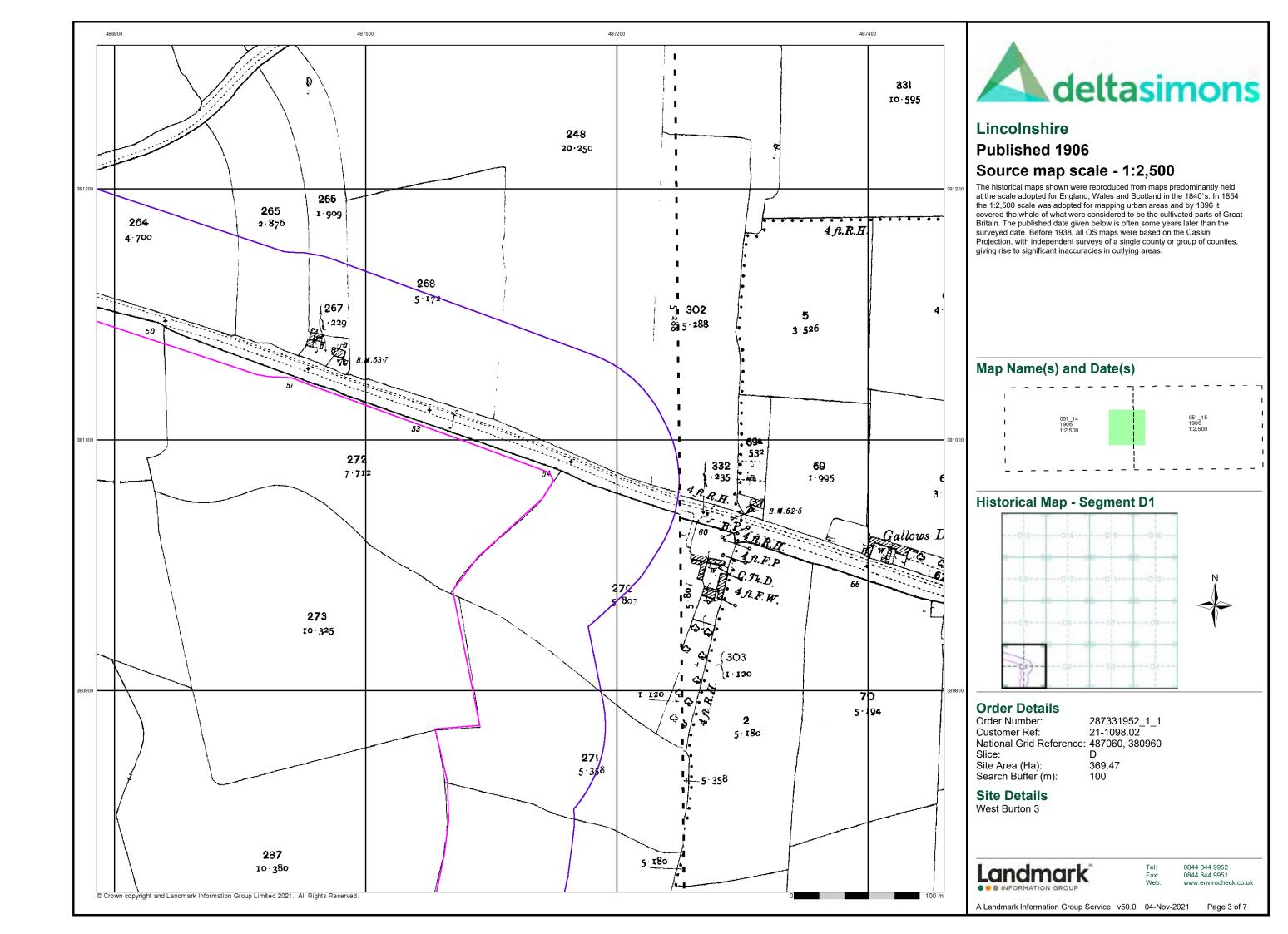


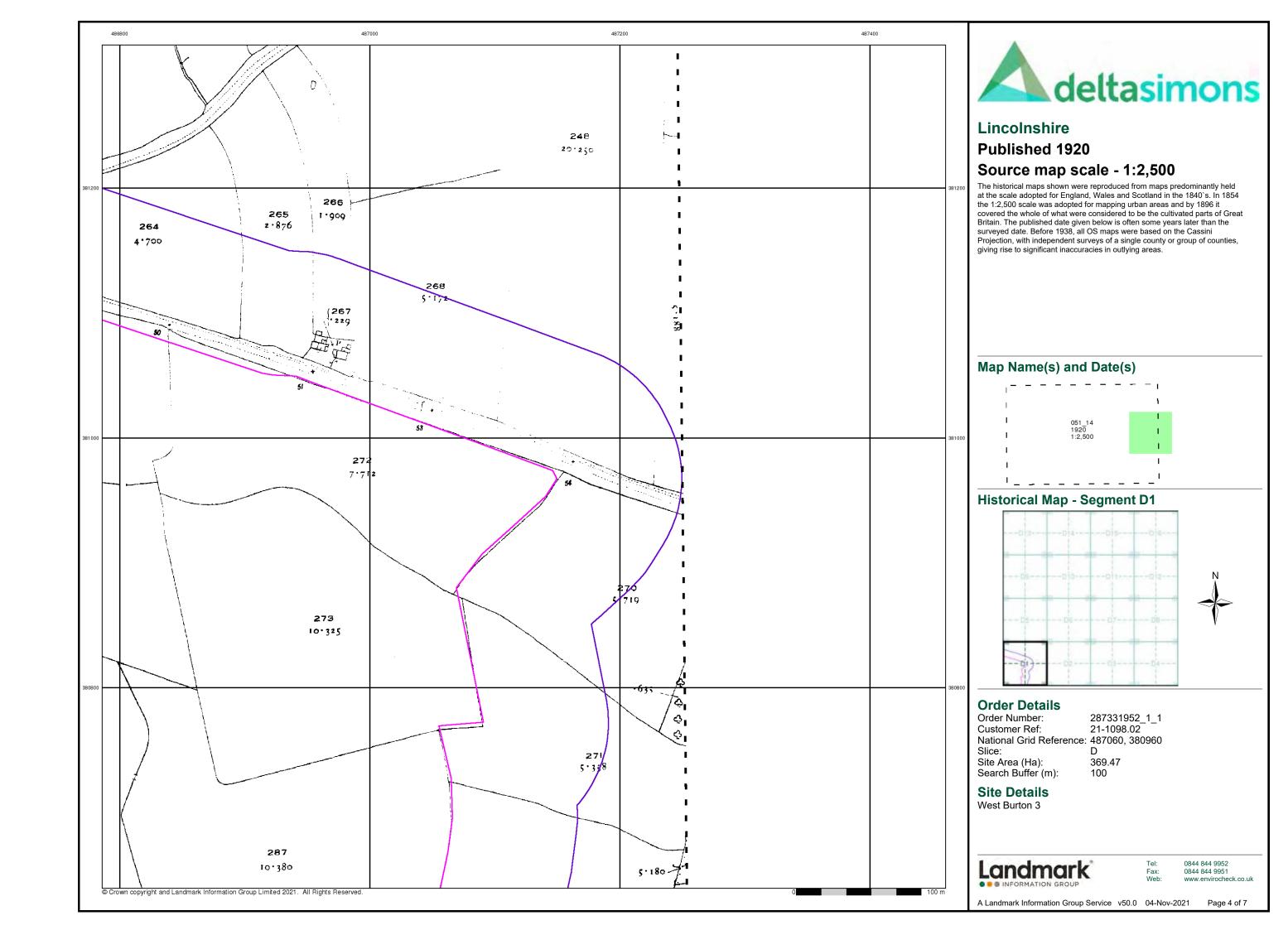
0844 844 9952

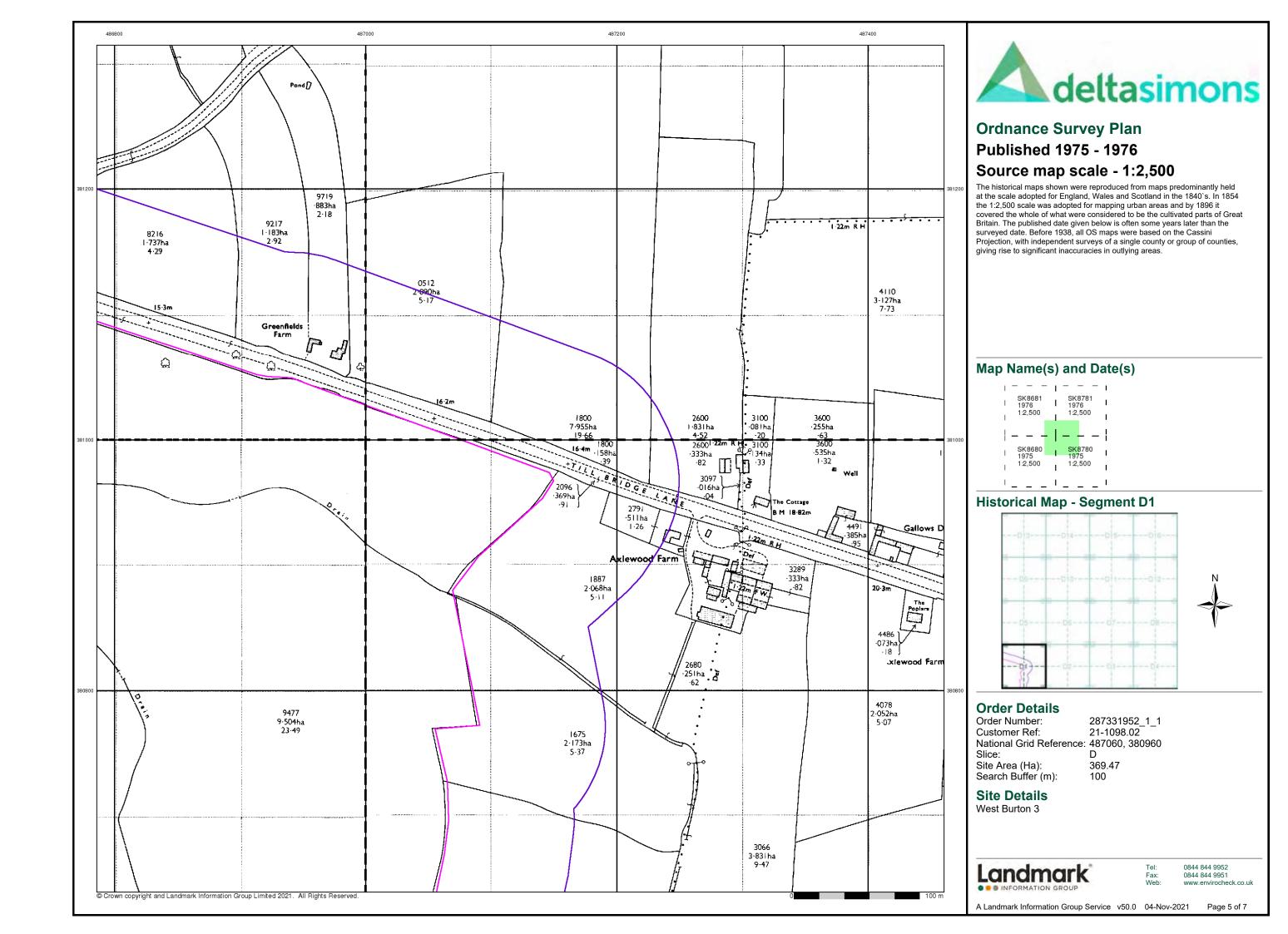
Page 1 of 7

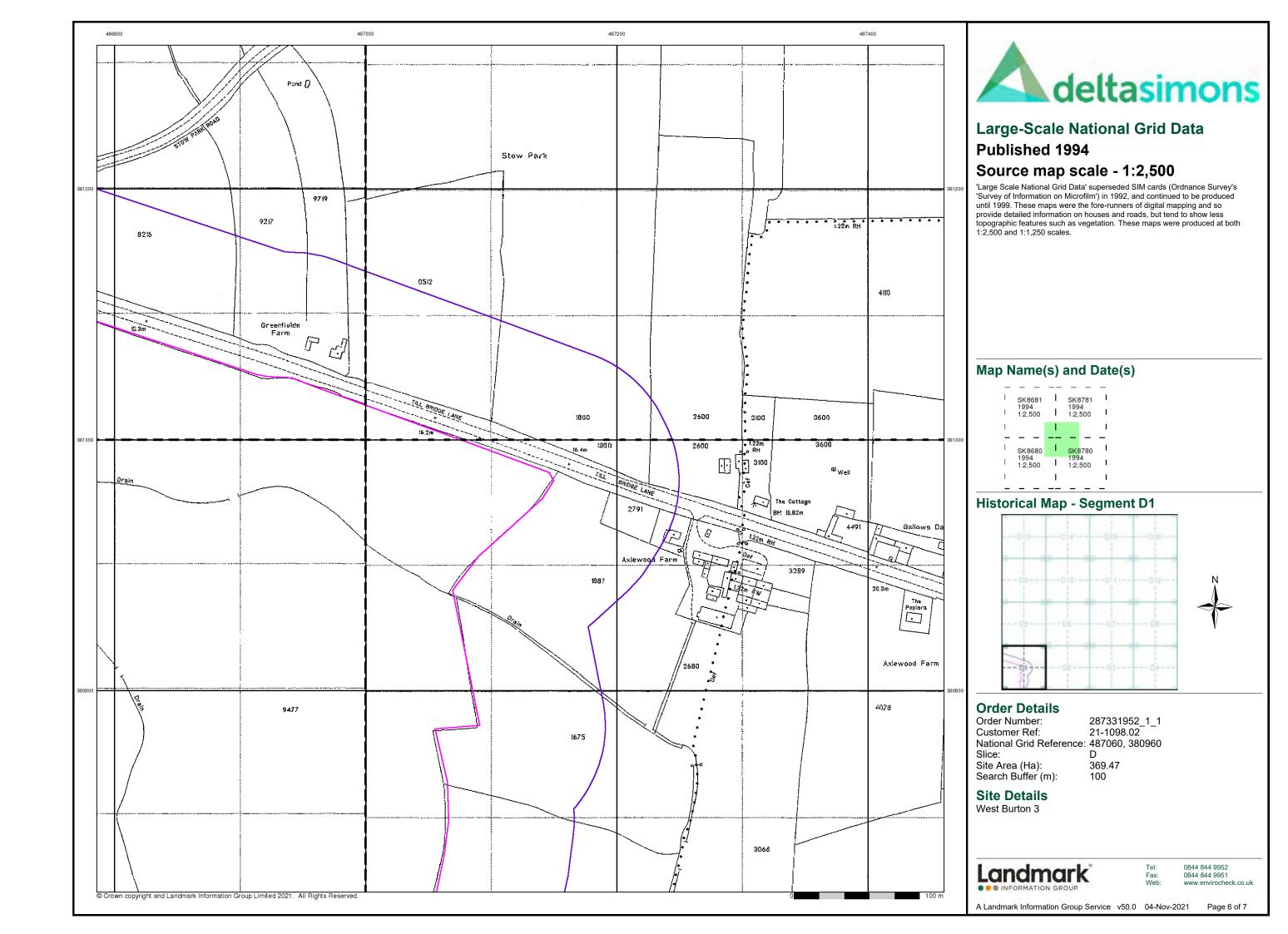
A Landmark Information Group Service v50.0 04-Nov-2021

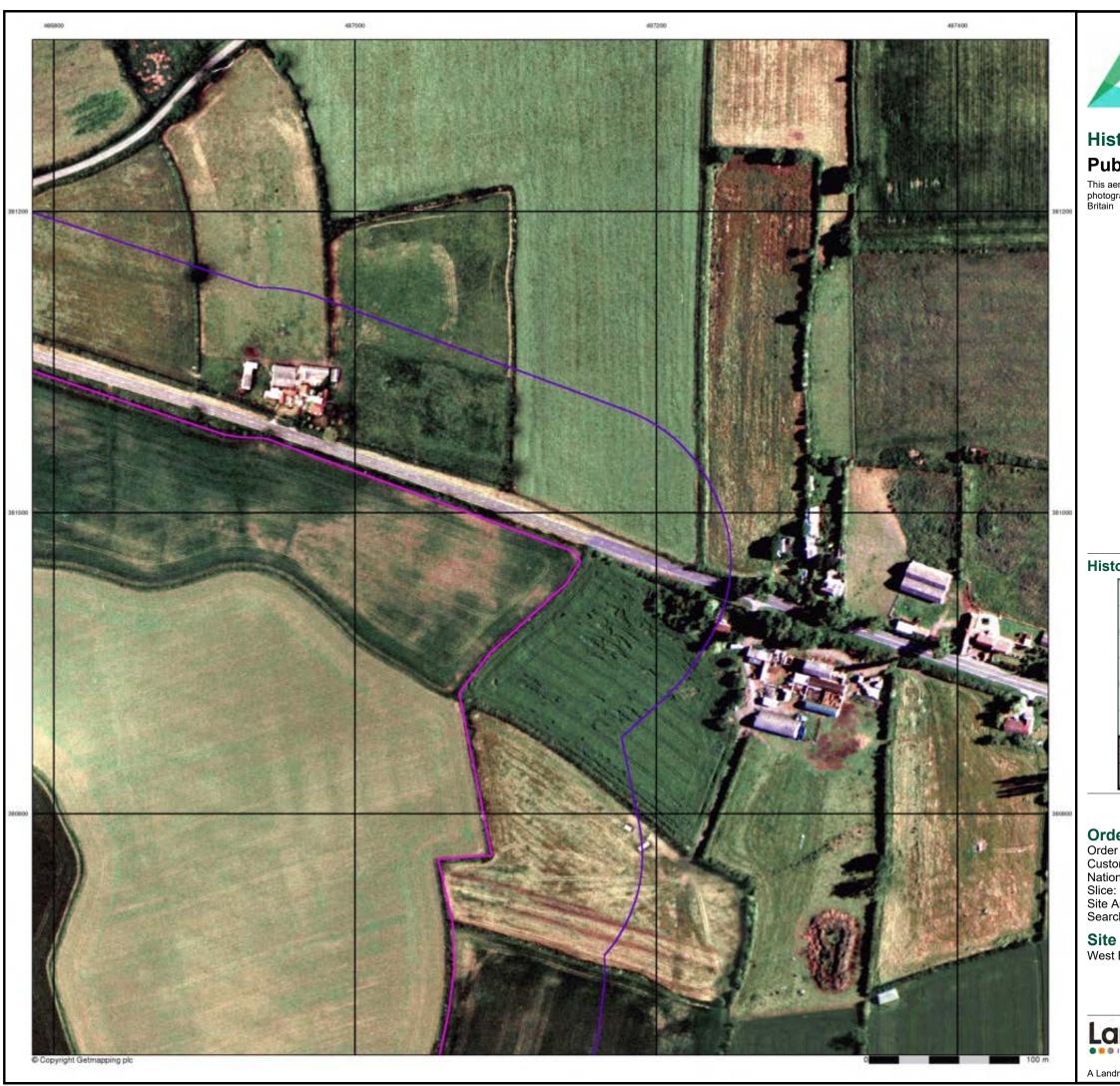










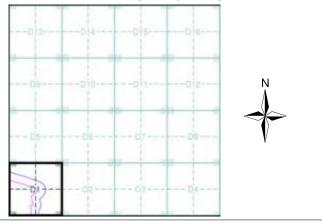




# **Historical Aerial Photography** Published 1999

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 D1**



### **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 487060, 380960

Site Area (Ha): Search Buffer (m): 369.47 100

**Site Details** 

West Burton 3

Landmark*

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# Appendix D – Landmark Envirocheck Report





# **Envirocheck® Report:**

# **Datasheet**

## **Order Details:**

**Order Number:** 

287331952_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

485660, 379750

Slice:

Α

Site Area (Ha):

369.47

Search Buffer (m):

250

### **Site Details:**

West Burton 3

## **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	22
Hazardous Substances	23
Geological	24
Industrial Land Use	30
Sensitive Land Use	31
Data Currency	32
Data Suppliers	38
Useful Contacts	39

#### 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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#### Radon Potential dataset Copyright Notice

Information supplied from a joint dataset compiled by The British Geological Survey and Public Health England.

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Report Version v53.0



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 3		1
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 3	Yes	
Pollution Incidents to Controlled Waters			
Prosecutions Relating to Authorised Processes			
Registered Radioactive Substances			
River Quality			
River Quality Biology Sampling Points			
River Quality Chemistry Sampling Points			
Substantiated Pollution Incident Register			
Water Abstractions	pg 4		(*13)
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 7	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 15	Yes	n/a
Superficial Aquifer Designations	pg 15	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 16	Yes	
Flooding from Rivers or Sea without Defences	pg 16	Yes	
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 16	31	19



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 22	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)	pg 22	1	1
Potentially Infilled Land (Water)	pg 22	1	3
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)	pg 23		1
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 (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 24	Yes	n/a
BGS Estimated Soil Chemistry	pg 24	Yes	Yes
BGS Recorded Mineral Sites	pg 26		2
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 26	Yes	
Potential for Compressible Ground Stability Hazards	pg 27	Yes	Yes
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 27	Yes	
Potential for Running Sand Ground Stability Hazards	pg 28	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 28	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
Points of Interest - Commercial Services			
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production	pg 30	1	3
Points of Interest - Public Infrastructure	pg 30		3
Points of Interest - Recreational and Environmental			
Gas Pipelines			
Underground Electrical Cables			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 31	3	
Ramsar Sites			
Sites of Special Scientific Interest			
Special Areas of Conservation			
Special Protection Areas			
World Heritage Sites			



# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility	4.0	_		
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	485250 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	486250
	BGS Groundwater Flooding Susceptibility	( /	-	•	381150
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	486300
	BGS Groundwater Flooding Susceptibility				381150
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	484650 381300
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	484450 380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NIF)	0	1	486300
		(NE)	0	1	380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW	0	1	485000
	BGS Groundwater Flooding Susceptibility	(W)			380000
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE	0	1	486550
	BGS Groundwater Flooding Susceptibility	(SE)			379200
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	484450 381000
	BGS Groundwater Flooding Susceptibility				361000
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	484450 380850
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	484500 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	486100
		(IV)	0	1	380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NW)	0	1	484550
	BGS Groundwater Flooding Susceptibility				380750
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE	0	1	486600
	BGS Groundwater Flooding Susceptibility	(SE)			379100
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (SW)	0	1	484850 379400
	BGS Groundwater Flooding Susceptibility	(011)			070100
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NW)	0	1	484600 380200
	BGS Groundwater Flooding Susceptibility	A400F		4	40.4050
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (NW)	0	1	484650 380200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A16SW	0	1	486150
		(NE)	•	•	380200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE	0	1	486450
	BGS Groundwater Flooding Susceptibility	(E)			379450
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NE	0	1	485400
	BGS Groundwater Flooding Susceptibility	(NW)			380350
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	485950 380650
	BGS Groundwater Flooding Susceptibility				300030
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (NE)	0	1	486000 380550

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# **Agency & Hydrological**

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	(N)	0	1	485300 381100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SE (NW)	0	1	485300 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NW (W)	0	1	485000 379747
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NE	0	1	485400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W) A14SE	0	1	379650 485400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW) A10NE	0	1	380000 485400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	379900 484500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE	0	1	380900 484650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(W) A13SE	0	1	380000 484700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W) A12SW (SE)	0	1	380000 486300 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A10NE (W)	0	1	485400 379747
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	486900 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (SE)	0	1	486500 379300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (W)	0	1	484600 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SW (W)	0	1	484800 379550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	0	1	486900 380300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (SE)	0	1	486650 378950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	1	486050 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (E)	0	1	486050 379850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	0	1	485950 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NE (E)	0	1	485900 379747
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NE (W)	0	1	484650 379800

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# **Agency & Hydrological**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11NW	0	1	485660
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(NE) A15SW	0	1	379747 485660
	Fotential for Groundwater Flooding to Occur at Surface	(N)	U	'	380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L	Level A13NE (NW)	0	1	484600 380550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (SE)	22	1	486700 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	22	1	486850 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L	Level (N)	35	1	485900 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L	Level A11SW (SW)	90	1	485500 379400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	113	1	487200 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NE)	132	1	487200 380550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L	Level A10SW (SW)	140	1	484850 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L	Level (N)	152	1	485850 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	171	1	486800 379900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8SE (SE)	177	1	486750 378700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground L		246	1	485450 379250
1	Discharge Consents  Operator: H Barker & Sons Property Type: Arable Farming Location: Stow Park Farm Stow, Lincoln, Lincs, Ln1 2al Authority: Environment Agency, Anglian Region Catchment Area: Catchment 29 Unknown Detail Reference: Gwnlf40286 Permit Version: 1 Effective Date: 1st April 1999 Issued Date: 11th July 2000 Revocation Date: Not Supplied Discharge Type: Trade Discharge - Agricultural And Surface Discharge Discharge Groundwater Status: Deemed Groundwater Regulations Authorisation Positional Accuracy: Located by supplier to within 100m	A12SE (SE)	86	2	486600 379300
	Nearest Surface Water Feature	A14SE (NW)	0	-	485404 380159

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Lincoln Golf Club 03/28/69/0136 101 Lincoln Golf Club - Excavated Lagoon Environment Agency, Midlands Region Golf Courses: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater 46 4546 Lincoln Golf Club - Excavated Lagoon 01 April 30 September 23rd March 2006 Not Supplied Located by supplier to within 100m	A9SE (W)	367	2	484440 379300
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Lincoln Golf Club 03/28/69/0136 100 Lincoln Golf Club - Excavated Lagoon Environment Agency, Midlands Region Golf Courses: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied Lincoln Golf Club - Excavated Lagoon 01 April 30 September 16th March 2005 Not Supplied Located by supplier to within 10m	A9SE (W)	367	2	484440 379300
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Lincoln Golf Club Ltd 03/28/69/0136 104 Lincoln Golf Club - Excavated Lagoon Environment Agency, Midlands Region Golf Courses: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Not Supplied 01 April 30 September 1st April 2021 Not Supplied Located by supplier to within 10m	A5NW (W)	437	2	484373 379277
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Lincoln Golf Club Ltd 03/28/69/0136 103 Lincoln Golf Club - Excavated Lagoon Environment Agency, Midlands Region Golf Courses: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Lincoln Golf Club - Excavated Lagoon 01 April 30 September 30th September 2019 Not Supplied Located by supplier to within 10m	A5NW (W)	437	2	484373 379277



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Lincoln Golf Club 03/28/69/0136 102 Lincoln Golf Club - Excavated Lagoon Environment Agency, Midlands Region Golf Courses: Spray Irrigation - Direct Water may be abstracted from a single point Groundwater Not Supplied Not Supplied Lincoln Golf Club - Excavated Lagoon 01 April 30 September 3rd December 2018 Not Supplied	A5NW (W)	437	2	484373 379277
		Located by supplier to within 10m				
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Ra & Ao Brownlow 03/28/69/0299 2 Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Marton Pumping Drain 01 April 31 October 1st June 2016 Not Supplied Located by supplier to within 10m	(W)	495	2	484080 379910
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr P T Johnson 03/28/69/0301 3 Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Marton Pumping Drain Area Of Land Amended 01 April 31 October 25th August 2009 Not Supplied Located by supplier to within 10m	(W)	495	2	484080 379910
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Mr P T Johnson 03/28/69/0301 2 Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Marton Pumping Drain 01 April 31 October 1st April 2007 Not Supplied Located by supplier to within 10m	(W)	495	2	484080 379910



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions Operator: Licence Number: Permit Version:	Mr P T Johnson 03/28/69/0301	(W)	495	2	484080 379910
	Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Marton Pumping Drain 01 April 31 October 1st April 2003 Not Supplied Located by supplier to within 10m				
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy: Water Abstractions	M & D White 03/28/69/0299 1 Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Marton Pumping Drain 01 April 31 October 1st November 2001 Not Supplied Located by supplier to within 10m	(W)	495	2	484080 379910
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	P A Arden & Son 03/28/69/0199 100 Brampton - Marton Pumping Drain (2) Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Land At Brampton - Marton Pumping Drain 01 April 31 October 28th June 1994 Not Supplied Located by supplier to within 10m	(W)	495	2	484080 379910
	Water Abstractions Operator: Licence Number: Permit Version: Location: Authority: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised Start: Authorised End: Permit Start Date: Permit End Date: Positional Accuracy:	Henson Torksey Limited 03/28/69/0180 101 Torksey - Tributary Of Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Torksey - Trib Of Marton Pumping Drain 01 April 31 October 3rd December 2018 Not Supplied Located by supplier to within 10m	A3NW (S)	498	2	485460 378460



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Abstractions					
	Operator: Licence Number: Permit Version: Location: Authority: Abstraction: Abstraction Type: Source: Daily Rate (m3): Yearly Rate (m3): Details: Authorised Start: Authorised End: Permit Start Date: Permit End Date:	Henson Farms (Torksey) Ltd 03/28/69/0180 100 Torksey - Tributary Of Marton Pumping Drain Environment Agency, Midlands Region General Agriculture: Spray Irrigation - Direct Water may be abstracted from a river or stream reach, or a row of wellpoints Surface Not Supplied Not Supplied Torksey - Trib Of Marton Pumping Drain 01 April 31 October 13th July 1987 Not Supplied	A3NW (S)	498	2	485460 378460
		Located by supplier to within 10m				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Superficial Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, Productive Superficial Aquifer High  Well Connected Fractures <300 mm/year >70% <90%  3-10m  High	A13SE (W)	0	3	484689 380000
	Groundwater Vulne	•				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Bedrock Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, Productive Superficial Aquifer Low  Well Connected Fractures <300 mm/year >70% <90%  <3m  High	(NW)	0	3	484448 381000
	Groundwater Vulner Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial	rability Map Secondary Bedrock Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year >70% <90%  <3m  High	(NW)	0	3	484656 381317

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - High Vulnerability	A10SW	0	3	484819
	Classification: Combined	High	(W)			379447
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year >70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	A13SE (W)	0	3	484510 380003
	Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	High  Productive Bedrock Aquifer, Productive Superficial Aquifer High  Well Connected Fractures  <300 mm/year				
	Superficial Patchiness: Superficial	>70% <90% 3-10m				
	Thickness: Superficial	High				
	Recharge:					
	Groundwater Vulne	•				
	Combined Classification: Combined	Secondary Superficial Aquifer - High Vulnerability High	A7NW (S)	0	3	485660 379000
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year >70%				
	Superficial Patchiness: Superficial Thickness:	<90% <3m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A7NE (SE)	0	3	486000 379000
	Combined Vulnerability: Combined Aquifer:	High  Productive Redrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	<90% <3m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	A11NW (NE)	0	3	485660 379747
	Combined Vulnerability:	High	(* -= /			
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - High Vulnerability	A7NE	0	3	486000
	Classification: Combined	High	(SE)			379173
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	3	485660 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:					
	Groundwater Vulne Combined	• •	(NI)		2	486000
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	3	486000 381000
	Vulnerability:	High  Productive Podrock Aguifer Productive Superficial Aguifer				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR		
	Groundwater Vulnerability Map							
	Combined	Secondary Superficial Aquifer - High Vulnerability	A15SW	0	3	485660		
	Classification: Combined	High	(N)			380000		
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year >70% <90%						
	Patchiness: Superficial	<3m						
	Thickness: Superficial Recharge:	Low						
	Groundwater Vulne	erability Map						
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability High	A15NE (NE)	0	3	486000 380547		
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70%						
	Superficial Patchiness: Superficial	<90% <3m						
	Thickness: Superficial Recharge:	No Data						
	Groundwater Vulne	erability Map						
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability High	A13NE (NW)	0	3	484488 380459		
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Unproductive Superficial Aquifer High Well Connected Fractures <300 mm/year >70%						
	Superficial Patchiness: Superficial Thickness:	<90% 3-10m						
	Superficial Recharge:	High						
	Groundwater Vulne	erability Map						
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A13SE (W)	0	3	484517 380168		
	Combined Vulnerability:	High						
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Unproductive Superficial Aquifer High Well Connected Fractures <300 mm/year >70%						
	Superficial Patchiness: Superficial	<90% 3-10m						
	Thickness: Superficial Recharge:	High						

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SW (W)	0	3	484766 379542
	Combined Vulnerability:	Medium	(**)			070012
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Unproductive Superficial Aquifer High Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year >70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(NW)	0	3	484501 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year >70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A13SE (W)	0	3	484740 380000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer High Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year >70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SW (W)	0	3	484835 379582
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer High Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year >70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	High				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A7NE	0	3	486058
	Classification: Combined	High	(SE)			379000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	NO Data				
	Groundwater Vulne	• •	,	_	_	
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11NE (E)	0	3	485919 379725
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A10NE (W)	0	3	485391 379710
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:  Groundwater Vulne	arahility Man				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11NE	0	3	486000
	Combined	High	(E)			379747
	Vulnerability: Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Low Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	<000 mm/year 40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	110 Dala				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NW (W)	0	3	485000 379747
	Combined Vulnerability:	Medium	(**)			
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:	and the Man				
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - High Vulnerability	A14SW	0	3	485000
	Classification: Combined	High	(W)		3	380000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial Patchiness:	>70% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A14SE (NW)	0	3	485392 380000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:  Groundwater Vulne	arahility Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A15SE	0	3	485931
	Classification: Combined	High	(NE)			380000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A15SE (NE)	0	3	486000 380000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial	No Data				
	Recharge:  Groundwater Vulne	arability Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(E)	0	3	487000
	Classification: Combined	High				380000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low				
	Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	No Bala				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(NW)	0	3	485000 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	3	485314
	Classification: Combined	High				381000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow:	rability Map Secondary Bedrock Aquifer - High Vulnerability High Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures	(N)	0	3	486070 381000
	Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	<300 mm/year 40-70% <90% <3m				
	Groundwater Vulne Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Prability Map Secondary Bedrock Aquifer - High Vulnerability High Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% <90% <3m	(NE)	0	3	487000 381000
	None  Bedrock Aquifer De	_	A400F			40.47.40
	Bedrock Aquifer De		A13SE (W)	0	3	484740 380000
	Bedrock Aquifer De	<del>-</del>	A10NW (W)	0	3	485000 379747
	Bedrock Aquifer De	_	A11NW (NE)	0	3	485660 379747
	Aquifer Designation:  Bedrock Aquifer De	Secondary Aquifer - B	A14SW (W)	0	3	485000 380000
	Aquifer Designation:  Bedrock Aquifer De	Secondary Aquifer - B	A13SE (W)	0	3	484510 380000
	=	Secondary Aquifer - B	A15SW (N)	0	3	485660 380000
	Aquifer Designation:	Secondary Aquifer - Undifferentiated	A10SW (W)	0	3	484835 379582
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	A10SW (W)	0	3	484819 379447
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	A11NW (NE)	0	3	485660 379747
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	A13SE (W)	0	3	484689 380000
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	A15SW	0	3	485660
	Superficial Aquifer Aquifer Designation:	Designations Secondary Aquifer - A	(N)	0	3	380000 484656

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A10SW (W)	0	3	484766 379542
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	A13SE (W)	0	3	484540 380162
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	0	2	485660 379747
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A11NW (NE)	0	2	485660 379747
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None Flood Defences				
2	None  OS Water Network Lines  Watercourse Forn: Inland river Watercourse Length: 87.2  Watercourse Level: On ground surface Permanent: True  Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (SE)	0	4	486026 379339
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (SE)	0	4	486025 379345
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 202.2  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (SE)	0	4	485986 379543
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 14.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SE (SE)	0	4	485978 379556
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 143.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NW (NE)	0	4	486428 380533
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 417.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	0	4	486018 380630



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	OS Water Network Lines  Watercourse Form: Inland river  Watercourse Length: 124.1  Watercourse Level: On ground surface Permanent: True  Watercourse Name: Not Supplied Catchment Name: Trent  Primacy: 1	A15NE (N)	0	4	486018 380630
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 16.3 Watercourse Level: Underground True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A7NE (SE)	0	4	486020 379249
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A7NE (SE)	0	4	486036 379252
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (SE)	0	4	486045 379177
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 377.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (SE)	0	4	486045 379171
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 511.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	485396 380146
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 923.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	485404 380159
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	485402 380147
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A15SW (N)	0	4	485626 379974



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	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: Trent Primacy: 1	A14SE (NW)	0	4	485405 380147
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 7.4  Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	485404 380151
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	0	4	485405 380147
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 261.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	0	4	485617 380169
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 184.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (S)	0	4	485681 379534
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 429.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NW (N)	0	4	485712 380536
23	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 8.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	0	4	485665 380173
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	0	4	485674 380173
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 201.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SW (N)	0	4	485747 379992



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 13.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (S)	0	4	485694 379539
	OS Water Network Lines				
27	Watercourse Form: Inland river Watercourse Length: 349.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NE (E)	0	4	485781 379762
28	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 353.5  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NW (N)	0	4	485713 380535
29	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 195.7  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NE (NE)	0	4	485776 379800
30	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 440.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11NE (NE)	0	4	485776 379800
31	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 314.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A7NE (S)	0	4	485879 379216
32	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 365.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (S)	0	4	485694 379539
33	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 210.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (E)	2	4	486267 379988
34	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 489.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	2	4	486191 380165



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 7.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	2	4	486020 380623
36	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	3	4	485917 380559
37	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 37.1  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (N)	3	4	485922 380561
38	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A15NE (N)	3	4	485896 380551
39	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1131.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9NE (W)	5	4	484573 379888
40	OS Water Network Lines  Watercourse Form: Lake Watercourse Length: 55.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	10	4	486205 380161
41	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 409.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (S)	20	4	485716 379174
42	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 168.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A12NW (E)	97	4	486398 379960
43	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 32.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	111	4	485687 378776



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	111	4	485687 378776
45	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 165.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	114	4	485683 378774
46	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: 00 ng ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A13NW (NW)	201	4	484212 380617
47	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 348.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9SE (W)	235	4	484511 379552
48	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 5.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A9SE (W)	243	4	484511 379557
49	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 12.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A13NW (NW)	246	4	484212 380617
50	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 186.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A13NW (NW)	246	4	484208 380431
51	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 484.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	247	4	485599 378642





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority La	ndfill Coverage				
	Name:	West Lindsey District Council - Has no landfill data to supply		0	5	485660 379747
	Local Authority La	ndfill Coverage				
	Name:	Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	485660 379747
	Potentially Infilled	Land (Non-Water)				
52	Bearing Ref: Use: Date of Mapping:	S Unknown Filled Ground (Pit, quarry etc) 1979	A7SW (S)	0	-	485756 378888
	Potentially Infilled	Land (Non-Water)				
53	Bearing Ref: Use: Date of Mapping:	W Unknown Filled Ground (Pit, quarry etc) 1980	A9NE (W)	66	-	484713 379760
	Potentially Infilled	Land (Water)				
54	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1956	A15SE (NE)	0	-	485911 380001
	Potentially Infilled	Land (Water)				
55	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1956	A11NE (E)	27	-	485959 379748
	Potentially Infilled	Land (Water)				
56	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1956	A9SE (W)	48	-	484732 379446
	Potentially Infilled	Land (Water)				
57	Use: Date of Mapping:	Unknown Filled Ground (Pond, marsh, river, stream, dock etc) 1956	A11NE (NE)	74	-	485855 379896



#### **Hazardous Substances**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Control of Major Ac	cident Hazards Sites (COMAH)				
58	Name: Location:	Oil And Pipelines Agency Stowpark Psd, Lincolnshire, Stowpark Psd, Stowpark Storton By Stow, Lincolnshire, LN1 2AN	A12NW (E)	160	7	486162 379883
	Reference:	Not Supplied Lower Tier				
	Type: Status:	Active				
	Positional Accuracy:	Manually positioned to the address or location				

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## **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Description:	d Geology Lias Group	A11NW	0	1	485660
			(NE)			379747
	BGS 1:625,000 Solid Description:	d Geology Triassic Rocks (Undifferentiated)	A9NE (W)	0	1	484727 379686
	BGS Estimated Soil	Chemistry	(11)			0.000
	Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A11NW (NE)	0	1	485660 379747
	Chromium Concentration:	20 - 40 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg <15 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg <1.8 mg/kg	A10SW (W)	0	1	484819 379447
	Concentration: Chromium Concentration:	20 - 40 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg <15 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A13SE (W)	0	1	484517 380168
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A11NE (E)	0	1	485919 379725
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A9NE (W)	0	1	484500 379940
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A13NE (NW)	0	1	484488 380459
	Cadmium Concentration: Chromium	<1.8 mg/kg 60 - 90 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:	15 - 50 Hig/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A10SW (W)	0	1	484766 379542
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A13SE (W)	3	1	484540 380162
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <100 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A13NE (NW)	20	1	484507 380307
	Cadmium Concentration: Chromium	<1.8 mg/kg 40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	BGS Estimated Soil	•				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A13SE (W)	46	1	484525 379973
	Cadmium Concentration: Chromium	<1.8 mg/kg 40 - 60 mg/kg				
	Concentration: Lead Concentration: Nickel					
	Concentration:					
	BGS Estimated Soil	-				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A13SE (W)	55	1	484512 380000
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	A9NE (W)	57	1	484502 379955
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <100 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium	Chemistry  British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg  <1.8 mg/kg	A13SW (W)	221	1	484306 380301
	Concentration: Chromium Concentration: Lead Concentration:	60 - 90 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Recorded Mine	eral Sites				
59	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Brampton Brick Yard Brampton, Lincoln, Lincolnshire British Geological Survey, National Geoscience Information Service 133427 Opencast Ceased Unknown Operator Not Supplied Triassic Scunthorpe Mudstone Formation Common Clay and Shale	A7SE (S)	34	1	485814 378827
	-	Located by supplier to within 10m				
60	,	Brampton Clay Pit Brampton, Lincoln, Lincolnshire British Geological Survey, National Geoscience Information Service 133426 Opencast Ceased Unknown Operator Not Supplied Triassic Penarth Group Common Clay and Shale Located by supplier to within 10m	A9NE (W)	59	1	484720 379758
	BGS Measured Urbano No data available	an Soil Chemistry				
	BGS Urban Soil Che No data available	emistry Averages				
	Coal Mining Affecte In an area that might	d Areas not be affected by coal mining				
	Non Coal Mining Ar	eas of Great Britain				
		sible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	484540 380162
	Potential for Collap Hazard Potential: Source:	sible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	A10SW (W)	0	1	484766 379542
	Potential for Collap Hazard Potential: Source:	sible Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	485660 380000
	Potential for Collap Hazard Potential: Source:	sible Ground Stability Hazards  Very Low  British Geological Survey, National Geoscience Information Service	A10NW (W)	0	1	485000 379747





Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Se	A14SW ervice (W)	0	1	485000 380000
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Se	A11NW ervice (NE)	0	1	485660 379747
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Se	A13SE (W)	46	1	484525 379973
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Se	A13SE (W)	55	1	484512 380000
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A13SW (W)	221	1	484306 380301
	Potential for Compressible Ground Stability Hazards  Hazard Potential: High Source: British Geological Survey, National Geoscience Information Se	A10SW (W)	0	1	484766 379542
	Potential for Compressible Ground Stability Hazards  Hazard Potential: High Source: British Geological Survey, National Geoscience Information Se	A13SE (W)	0	1	484540 380162
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A15SW (N)	0	1	485660 380000
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A10NW (W)	0	1	485000 379747
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A11NW (NE)	0	1	485660 379747
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A14SW (W)	0	1	485000 380000
	Potential for Compressible Ground Stability Hazards  Hazard Potential: High Source: British Geological Survey, National Geoscience Information Se	A13SE (W)	46	1	484525 379973
	Potential for Compressible Ground Stability Hazards  Hazard Potential: High Source: British Geological Survey, National Geoscience Information Se	A13SE (W)	55	1	484512 380000
	Potential for Compressible Ground Stability Hazards  Hazard Potential: High Source: British Geological Survey, National Geoscience Information Se	A13SW (W)	221	1	484306 380301
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Se	A14SW (W)	0	1	485000 380000
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Se	A15SW (N)	0	1	485660 380000
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A10NW (W)	0	1	485000 379747
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Se	A11NW (NE)	0	1	485660 379747
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Se	A14SW (W)	0	1	485000 380000
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Se	A15SW (N)	0	1	485660 380000
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Se	A10NW (W)	0	1	485000 379747

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards				
	Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	485660 379747
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	484689 380000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	485660 380000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low	A10SW	0	1	484819
	Source: British Geological Survey, National Geoscience Information Service	(W)			379447
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	485660 379747
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard	A14SW	0	1	485000
	Source: British Geological Survey, National Geoscience Information Service	(W)			380000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A14SE (NW)	0	1	485392 380000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	0	1	485000 379747
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	0	1	485919 379725
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A10NE (W)	0	1	485391 379710
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	14	1	484416 380632
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11NW (E)	0	1	485708 379764
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Low	A14SW	0	1	485000
	Source: British Geological Survey, National Geoscience Information Service  Potential for Shrinking or Swelling Clay Ground Stability Hazards	(W)			380000
	Hazard Potential: Low British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	485660 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A10NW (W)	0	1	485000 379747
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	(/			
	Hazard Potential: Source:  No Hazard British Geological Survey, National Geoscience Information Service	A7SW (S)	0	1	485650 378937
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	0	1	484510 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	485660 379747
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (W)	20	1	484510 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NW (SW)	52	1	484762 379140
	Potential for Shrinking or Swelling Clay Ground Stability Hazards	A13SE	58	1	484510

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## **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	adon Affected Areas				_
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	A14SW (W)	0	1	485000 380001
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	A15SW (N)	0	1	485660 380001
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).	A10NW (W)	0	1	485000 379747
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Affected Areas	0.4.4.8.8.4			405000
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	485660 379747
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	A14SW (W)	0	1	485000 380001
		<u> </u>				
		adon Protection Measures  No radon protective measures are necessary in the construction of new	A15SW	0	1	485660
	Source:	dwellings or extensions  British Geological Survey, National Geoscience Information Service	(N)		'	380001
	Radon Potential - R	adon Protection Measures				
	Protection Measure:	No radon protective measures are necessary in the construction of new dwellings or extensions	A10NW (W)	0	1	485000 379747
	Source:	British Geological Survey, National Geoscience Information Service				
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions  British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	485660 379747

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#### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Points of Interest - Manufacturing a	nd Production				
61	Name: Tank Location: LN1 Category: Industrial Featur Class Code: Tanks (Generic) Positional Accuracy: Positioned to an		A15NE (N)	0	8	485938 380578
	Points of Interest - Manufacturing a	nd Production				
62	Name: Wind Turbine Location: LN1 Category: Industrial Featur Class Code: Energy Producti Positional Accuracy: Positioned to an	on	A9NE (W)	38	8	484742 379775
	Points of Interest - Manufacturing a	nd Production				
63	Name: Tank Location: LN1 Category: Industrial Featur Class Code: Tanks (Generic) Positional Accuracy: Positioned to an		A12NW (E)	111	8	486181 379932
	Points of Interest - Manufacturing a	nd Production				
64	Name: M E Crowder Location: Highwood Farm Category: Farming Class Code: Livestock Farmi Positional Accuracy: Positioned to ac		A4NW (SE)	208	8	486337 378605
	Points of Interest - Public Infrastruc	ture				
65	Name: Sluice Location: LN1 Category: Water Class Code: Weirs, Sluices a Positional Accuracy: Positioned to an		A7NW (S)	38	8	485699 379014
	Points of Interest - Public Infrastruc	ture				
65	Name: Sluice Location: LN1 Category: Water Class Code: Weirs, Sluices a Positional Accuracy: Positioned to an		A7NW (S)	38	8	485699 379016
	Points of Interest - Public Infrastruc	ture				
66	Name: Slurry Bed Location: LN1 Category: Infrastructure ar Class Code: Waste Storage, Positional Accuracy: Positioned to an	Processing and Disposal	A12NW (E)	126	8	486360 379838

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#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulneral	ble Zones				
67	Name: Description: Source:	R Trent From Carlton-On-Trent To Laughton Drain Nvz Surface Water Environment Agency, Head Office	A11NW (NE)	0	3	485660 379747
	Nitrate Vulneral	ble Zones				
68	Name: Description: Source:	Marton Drain Catchment (Trib Of R Trent) Nvz Surface Water Environment Agency, Head Office	A10NE (W)	0	3	485102 379669
	Nitrate Vulneral	ble Zones				
69	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	(NE)	0	3	486315 381270

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bassetlaw District Council - Environmental Health Department	January 2020	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Environment Agency - Midlands Region	March 2013	
ntegrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
Bassetlaw District Council - Environmental Health Department	August 2014	Not Applicable
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		3 - 1 - 3 - 1
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature	140Volliber 2014	Variable
Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Environment Agency - Anglian Region	September 1999	
Prosecutions Relating to Authorised Processes	·	
Environment Agency - Anglian Region	July 2015	
Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters	11, 1	
Environment Agency - Anglian Region	March 2013	
Environment Agency - Midlands Region	March 2013	
	Maron 2010	
Registered Radioactive Substances Environment Agency - Anglian Region	June 2016	Annually
Environment Agency - Midlands Region	June 2016	Annually
	Julie 2010	Ailidally
River Quality Environment Agency - Head Office	November 2001	Not Applicable
• •	November 2001	Not Applicable
River Quality Biology Sampling Points Environment Agency - Head Office	April 2012	Annually
	April 2012	Aimany
River Quality Chemistry Sampling Points	A ==:1 0040	A === !!- :
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		_
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly

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Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	Quarterly
Environment Agency - Midlands Region	October 2017	Quarterly
Groundwater Vulnerability Map		
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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	Annually

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Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Local Authority Landfill Coverage		•
Bassetlaw District Council - Environmental Health Department	February 2003	Not Applicable
Lincolnshire County Council	February 2003	Not Applicable
Nottinghamshire County Council - Environment Department	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bassetlaw District Council - Environmental Health Department	October 2018	
Lincolnshire County Council	October 2018	
Nottinghamshire County Council - Environment Department	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Environment Agency - Midlands Region - East Area	March 2006	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2006	Not Applicable
Registered Waste Transfer Sites		11, 111, 2
Environment Agency - Anglian Region - Northern Area	April 2018	
Environment Agency - Midlands Region - East Area	April 2018	
Environment Agency - Midlands Region - Lower Trent Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	
Environment Agency - Midlands Region - East Area	June 2015	
Environment Agency - Midlands Region - Lower Trent Area	June 2015	

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 34 of 39



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		-1.6
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
Nottinghamshire County Council	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry	,	1.
British Geological Survey - National Geoscience Information Service	December 2015	Annually
	December 2013	Aimaany
BGS Recorded Mineral Sites	May 2024	Di Annually
British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards	·	•
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		,
British Geological Survey - National Geoscience Information Service	January 2019	Annually
	dandary 2010	7 till daily
Potential for Landslide Ground Stability Hazards	January 2010	Appubly
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
		1

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 35 of 39



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

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 36 of 39



Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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### **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	S E PAP
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey MATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Natural Garria Matural Resources Walks
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 収込剤
Natural England	DIATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>



#### **Useful Contacts**

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: [REDACTED]
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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	Health and Safety Executive 5S.2 Redgrave Court, Merton Road, Bootle, L20 7HS	Website: www.hse.gov.uk
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]
-	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: [REDACTED]
-	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: [REDACTED]

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
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Not Supplied - Pleistocene
	PEAT	Peat	Peat	Not Supplied - Quaternary
	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	Not Supplied - Rhaetian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic



### 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

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

## Geology 1:50,000 Maps Coverage

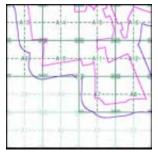
 Map ID:
 1

 Map Sheet No:
 102

 Map Name:
 Market Ra

Map Name: Market Rasen
Map Date: 1999
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Available
Landslip: Not Available
Not Supplied

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





#### **Order Details:**

Order Number: 287331952_1_1
Customer Reference: 21-1098.02
National Grid Reference: 485660, 379750
Slice: 4

Site Area (Ha): 369.47 Search Buffer (m): 250

Site Details:

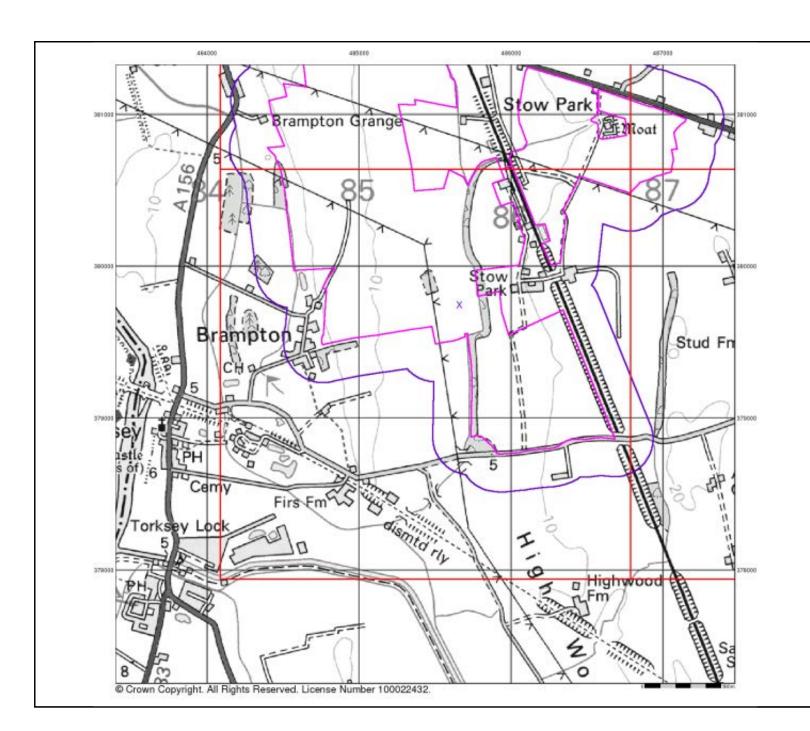
West Burton 3



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v15.0 04-Nov-2021

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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
- 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

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

287331952_1_1 21-1098.02

485660, 379750 A 369.47

250





## Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha):

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

Site Details:

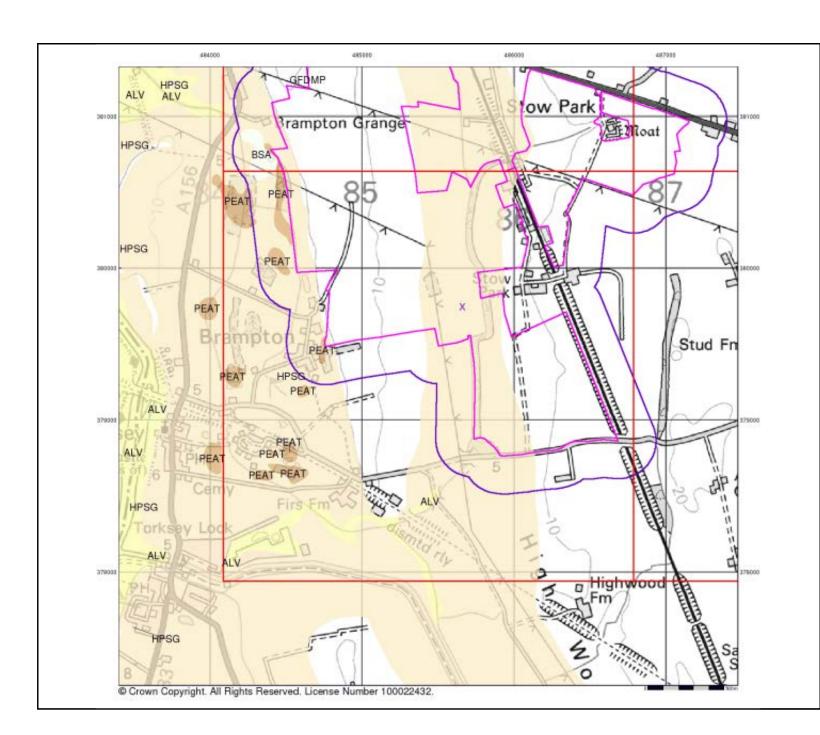
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v15.0 04-Nov-2021

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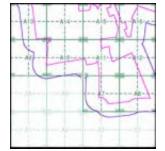
#### **Superficial Geology**

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

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

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

## Superficial Geology Map - Slice A





### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha):

 Slice:
 A

 Site Area (Ha):
 369.47

 Search Buffer (m):
 250

287331952_1_1 21-1098.02 485660, 379750

#### Site Details:

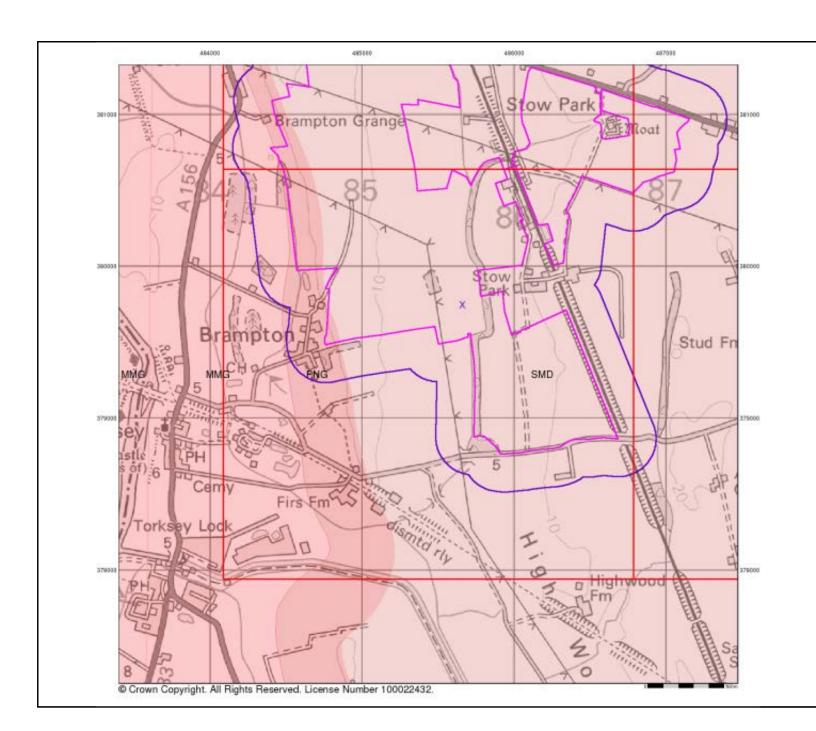
West Burton 3

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v15.0 04-Nov-2021

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#### **Bedrock and Faults**

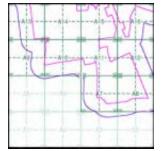
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

## Bedrock and Faults Map - Slice A





## Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m): 287331952_1_1 21-1098.02 485660, 379750 A 369.47 250

Site Details:

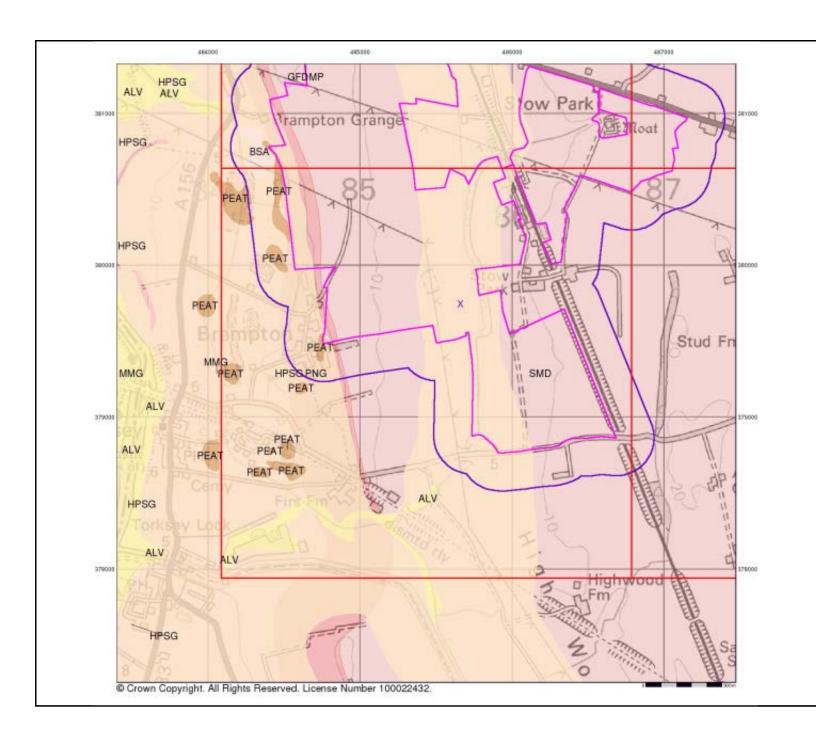
West Burton 3

Landmark*

Fel: 0844 844 9952 Fax: 0844 844 9951 Veb: www.envirocheck.c

v15.0 04-Nov-2021

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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.

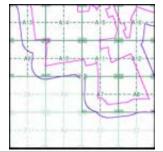
#### **Additional Information**

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

#### 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: [REDACTED]uk

### Combined Geology Map - Slice A



287331952_1_1 21-1098.02 485660, 379750

A 369.47



## **Order Details:**

Order Number: Customer Reference: National Grid Reference:

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

## Site Details:

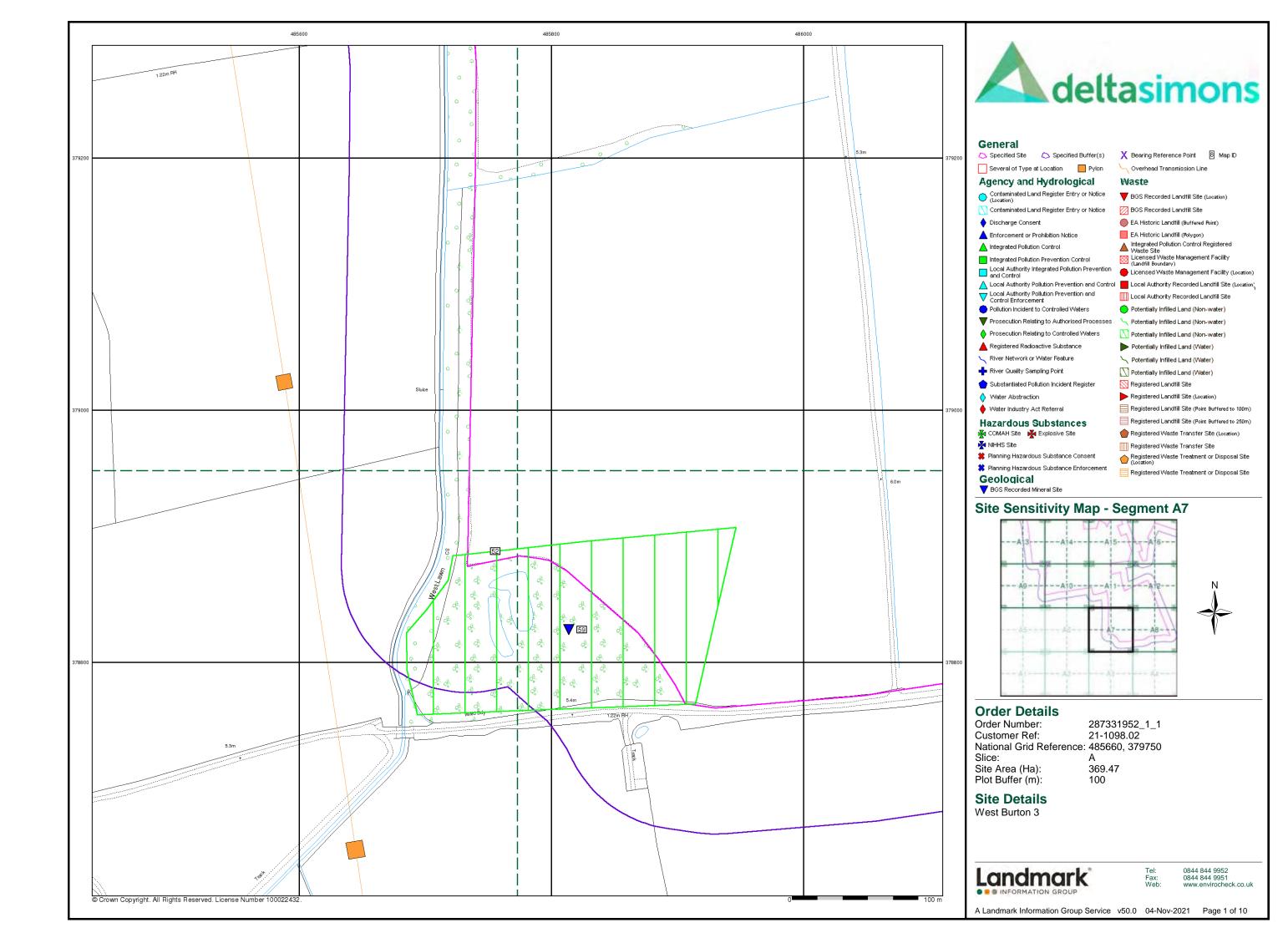
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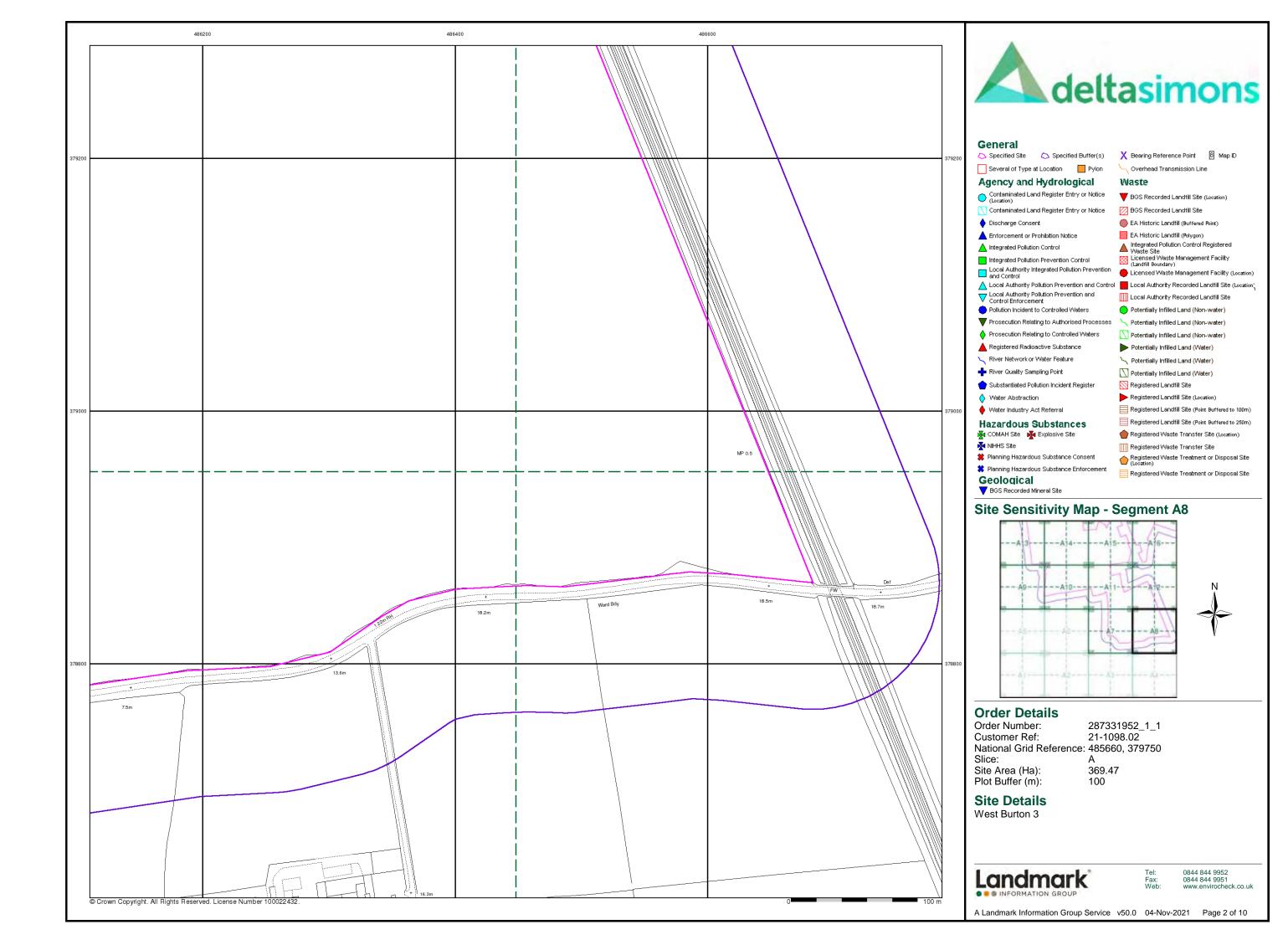


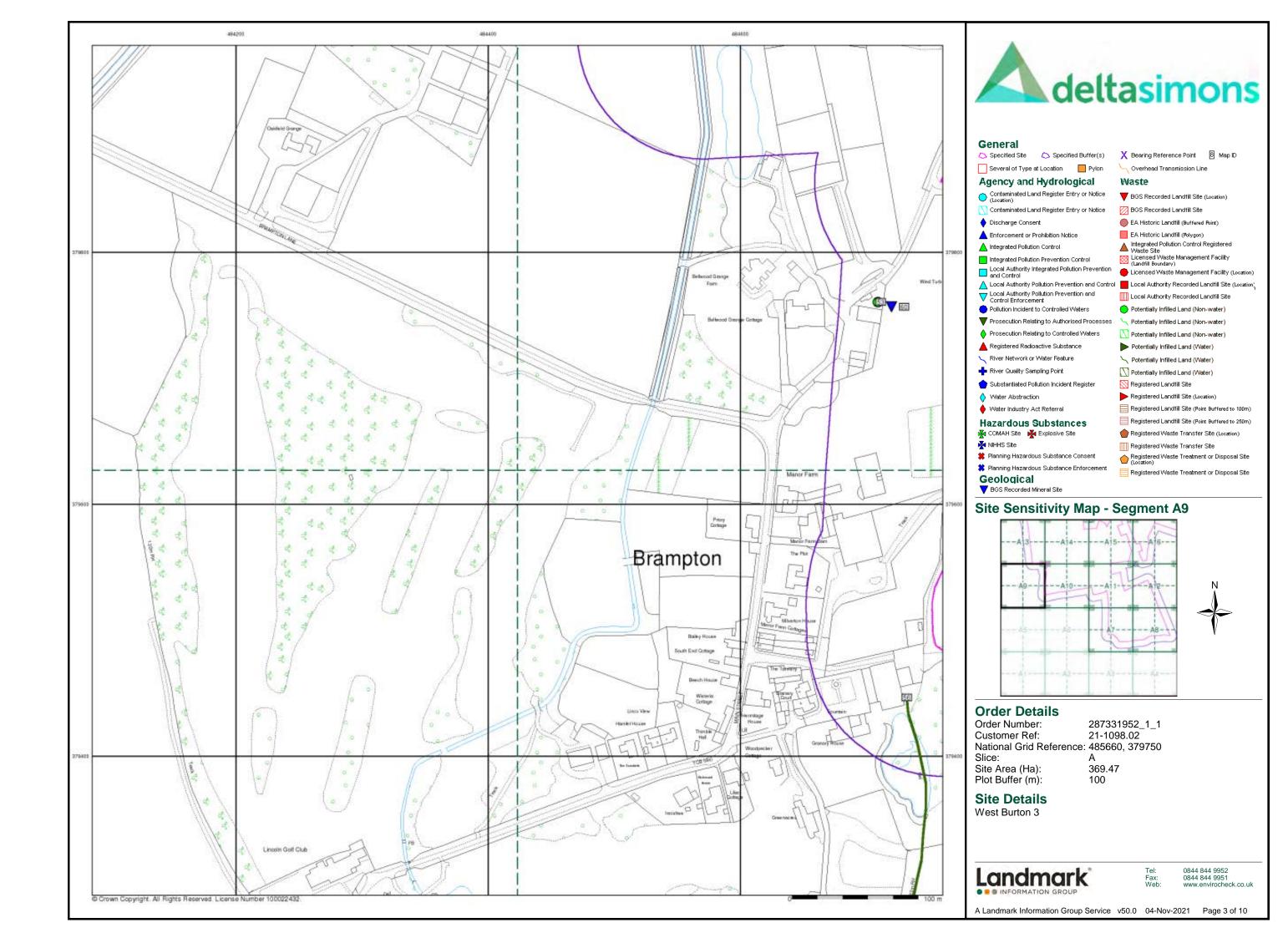
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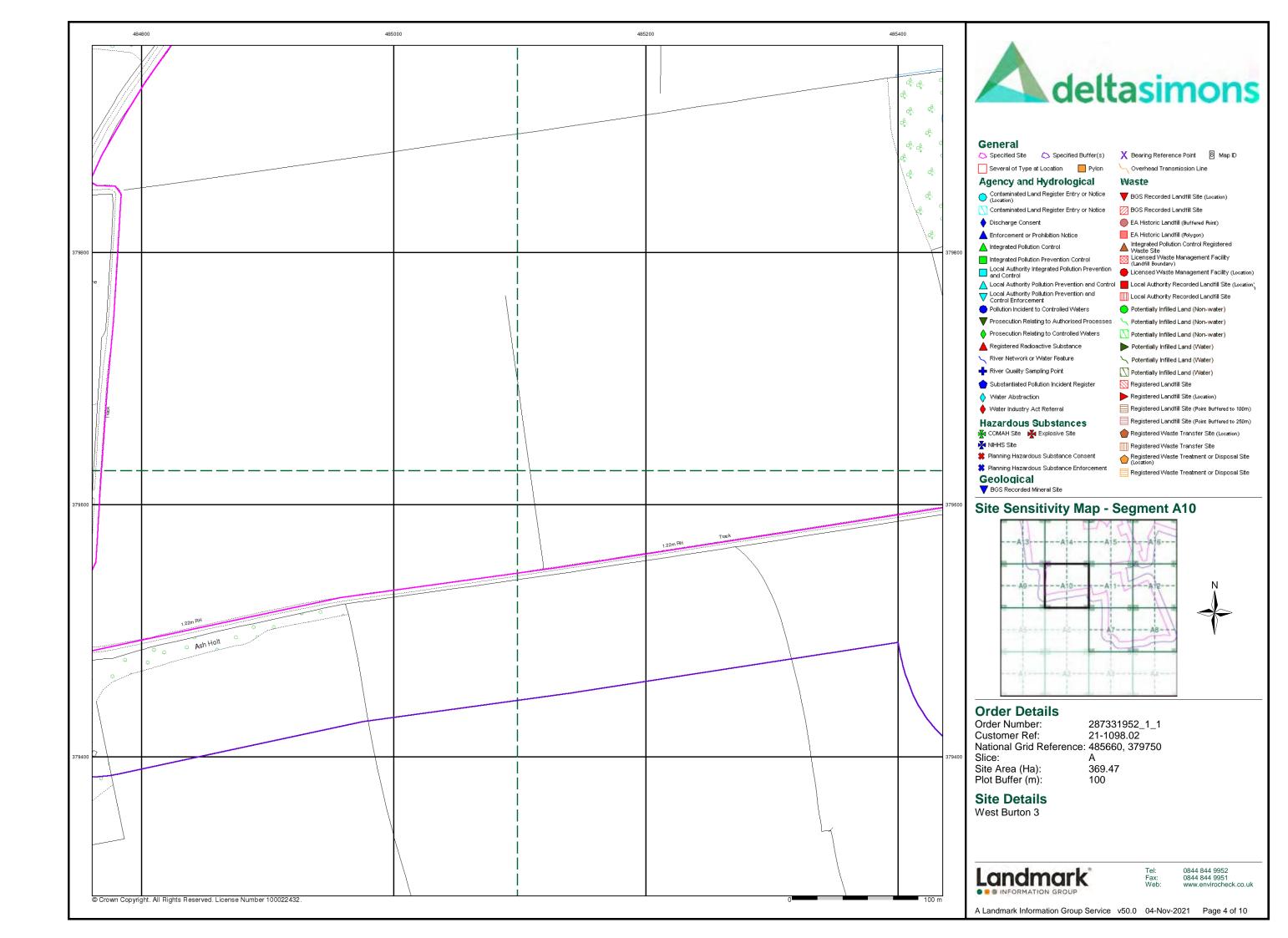
v15.0 04-Nov-2021

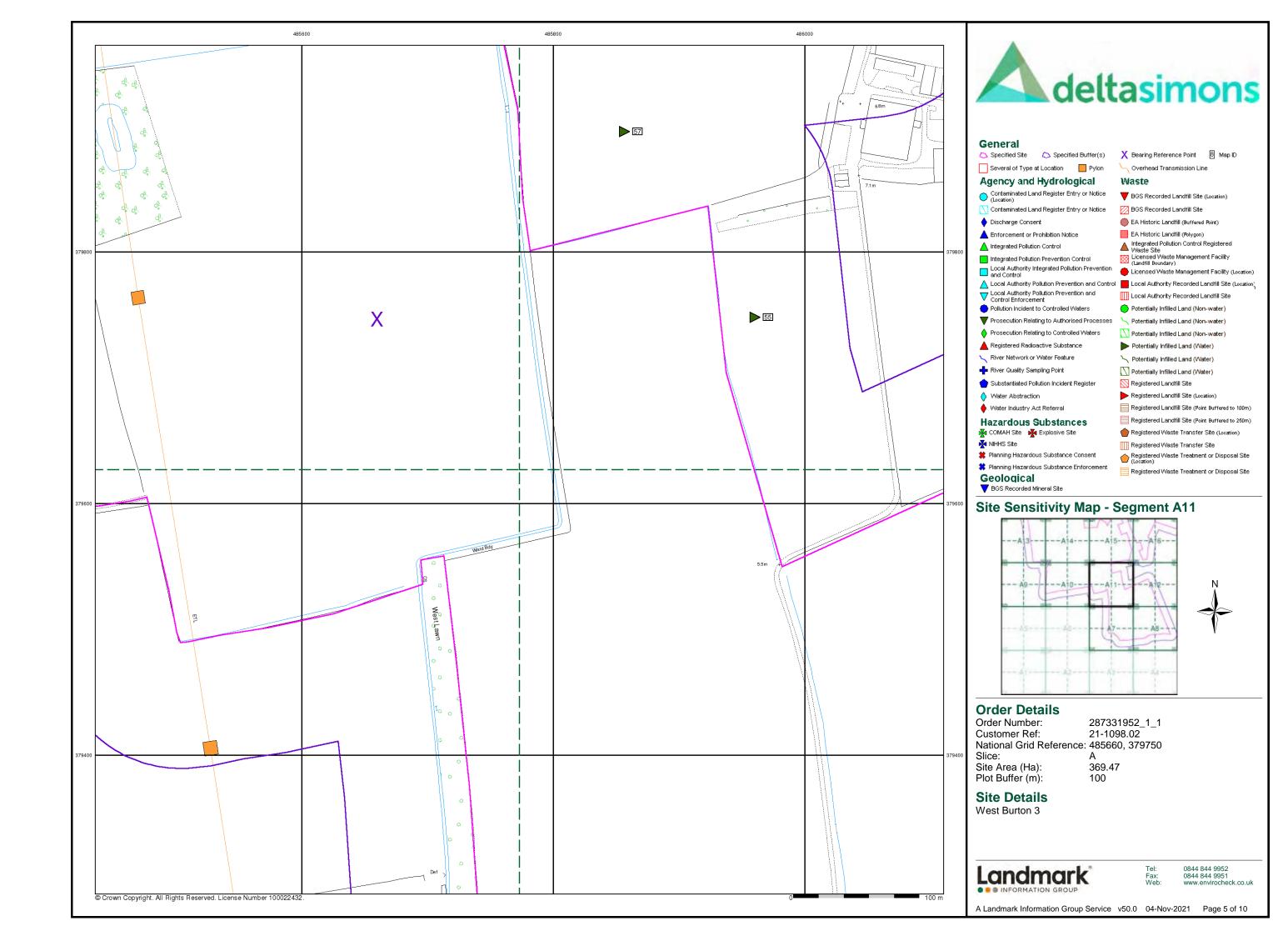
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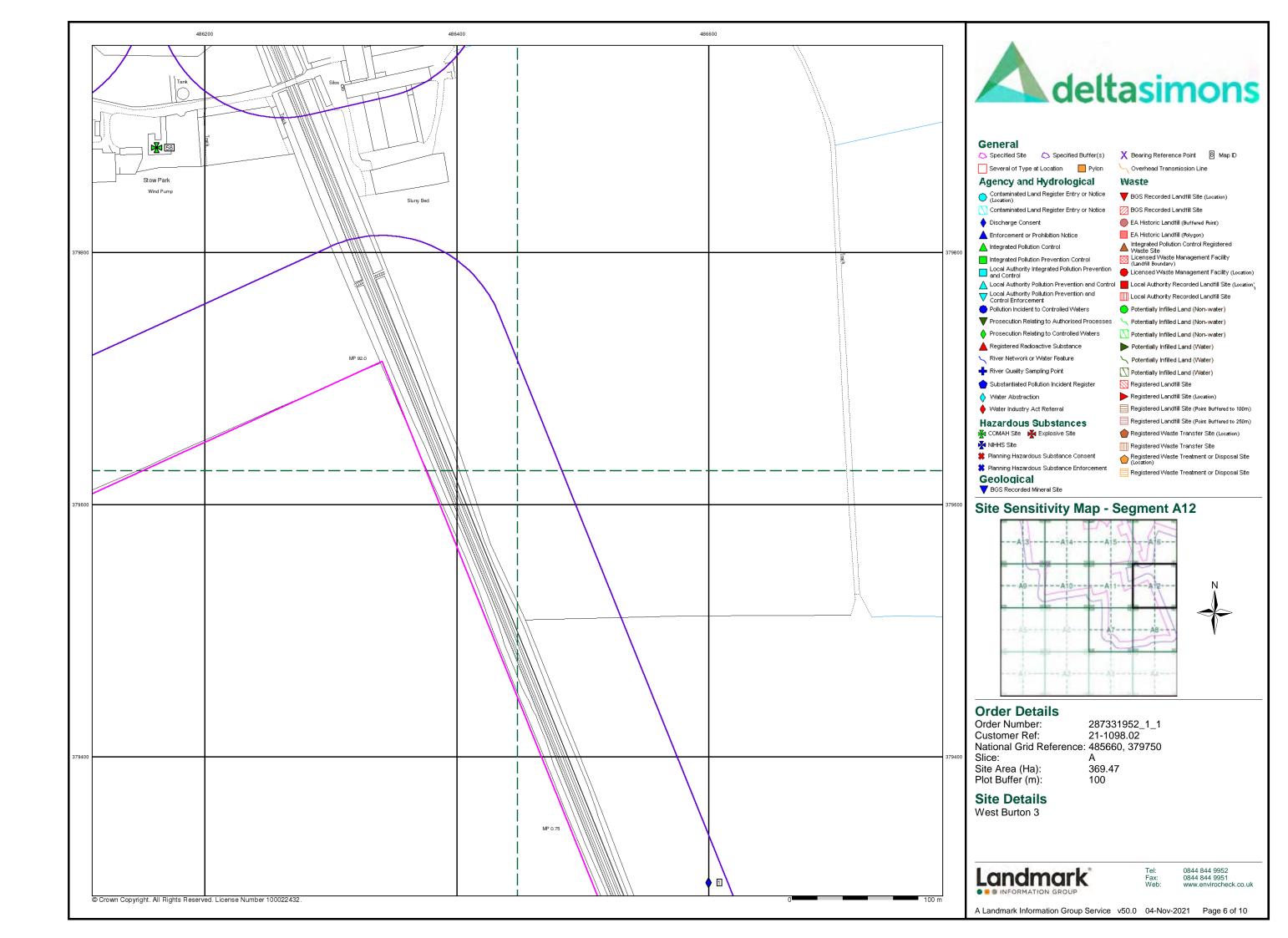


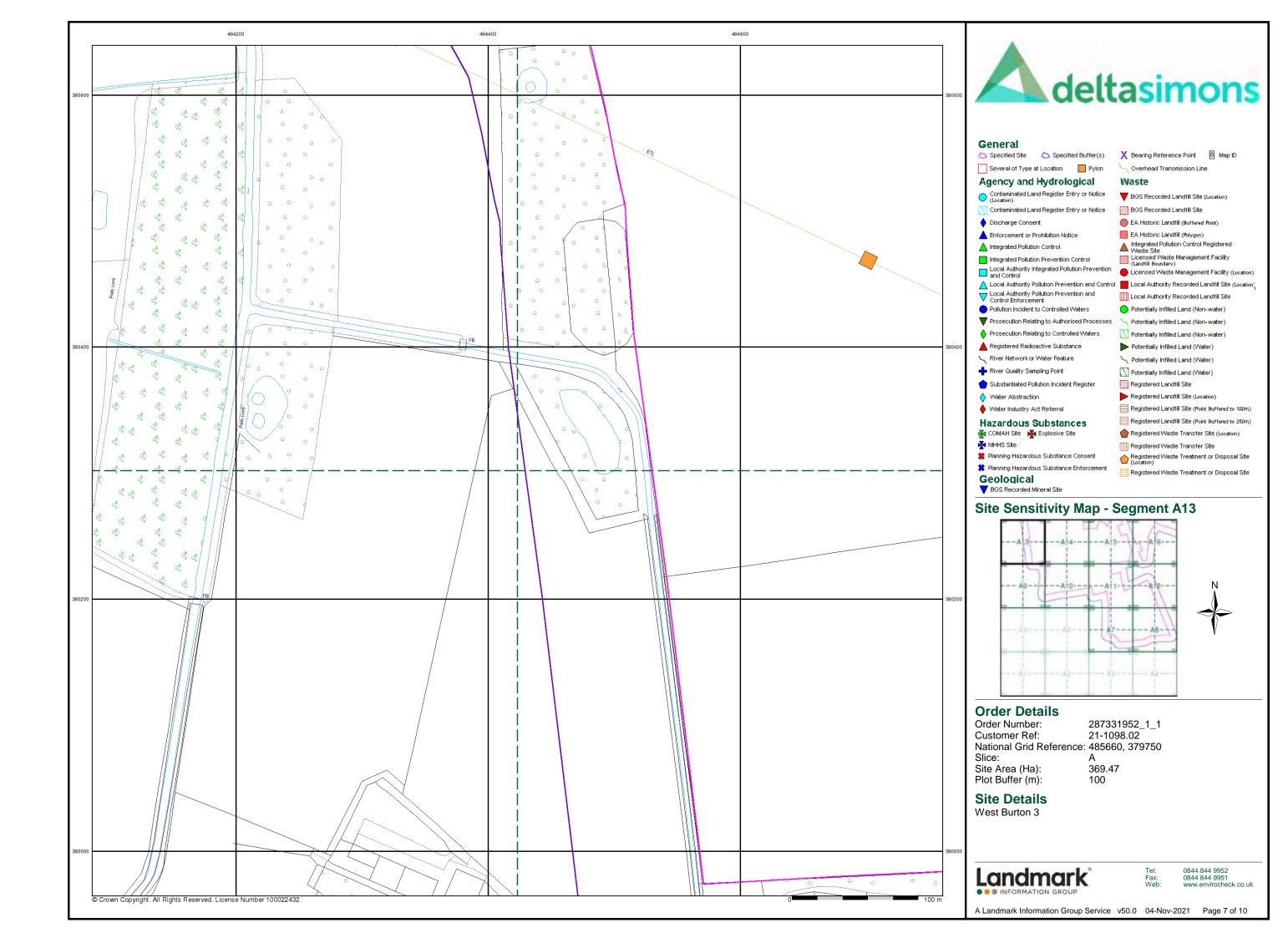


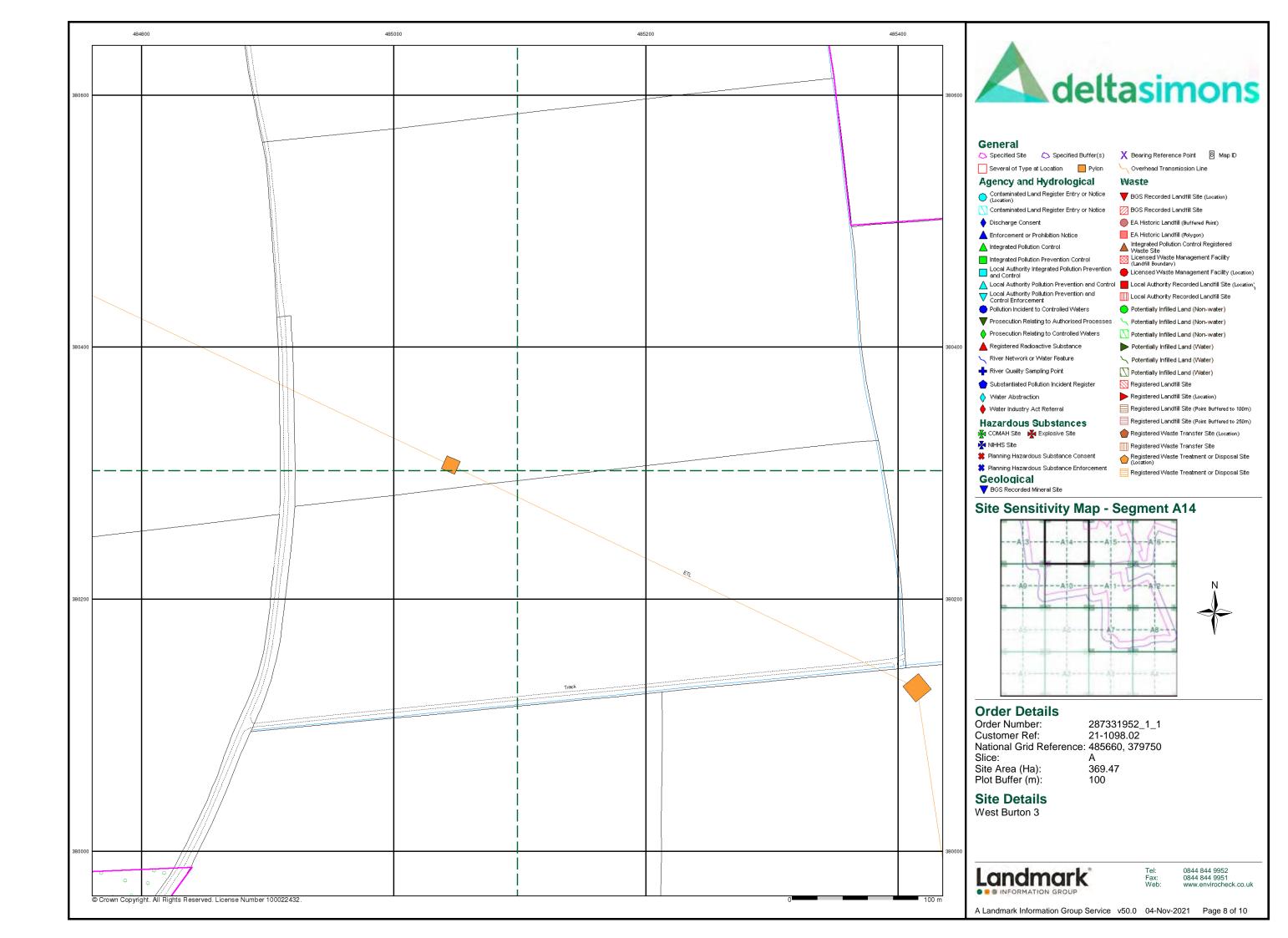


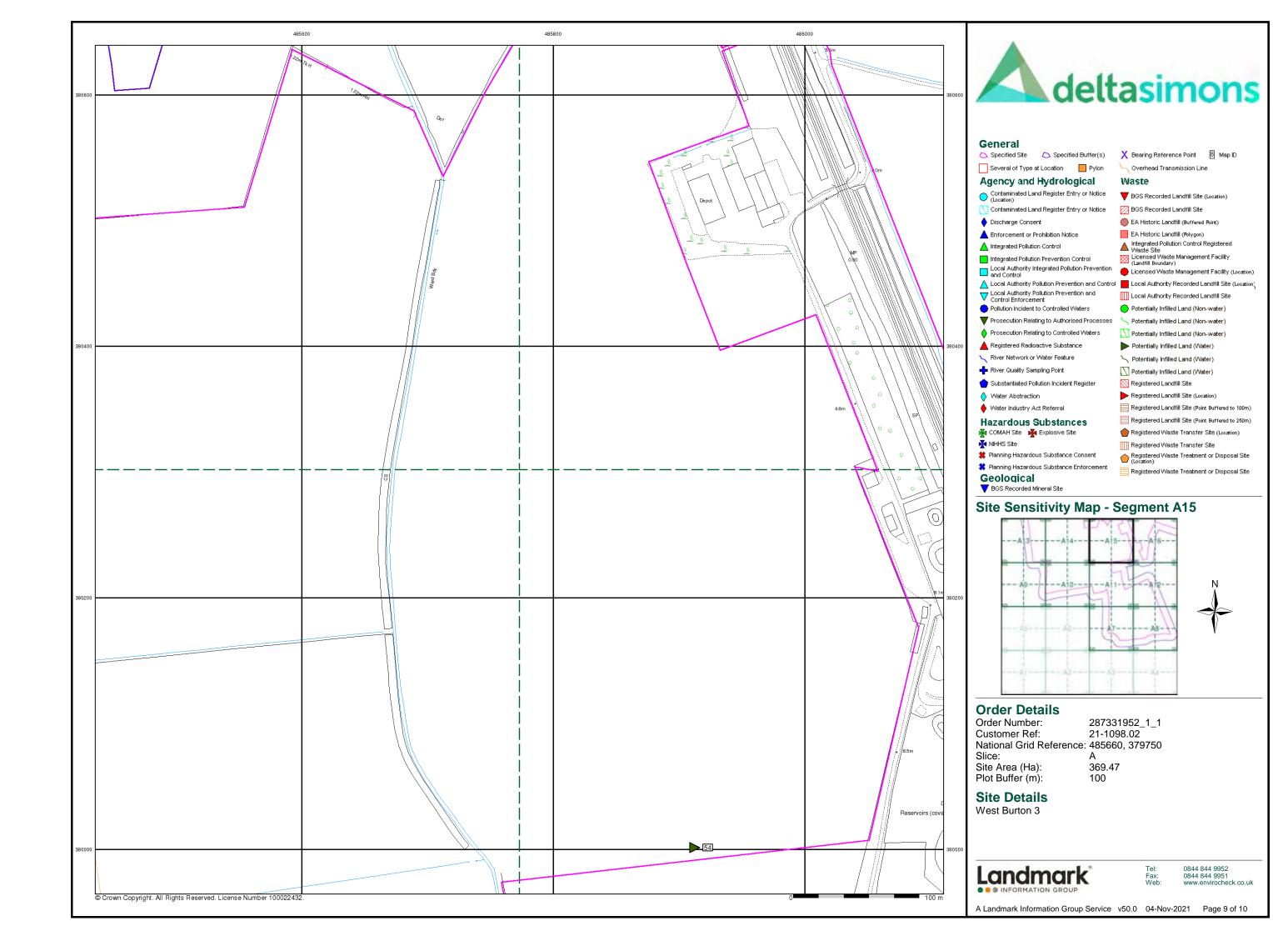


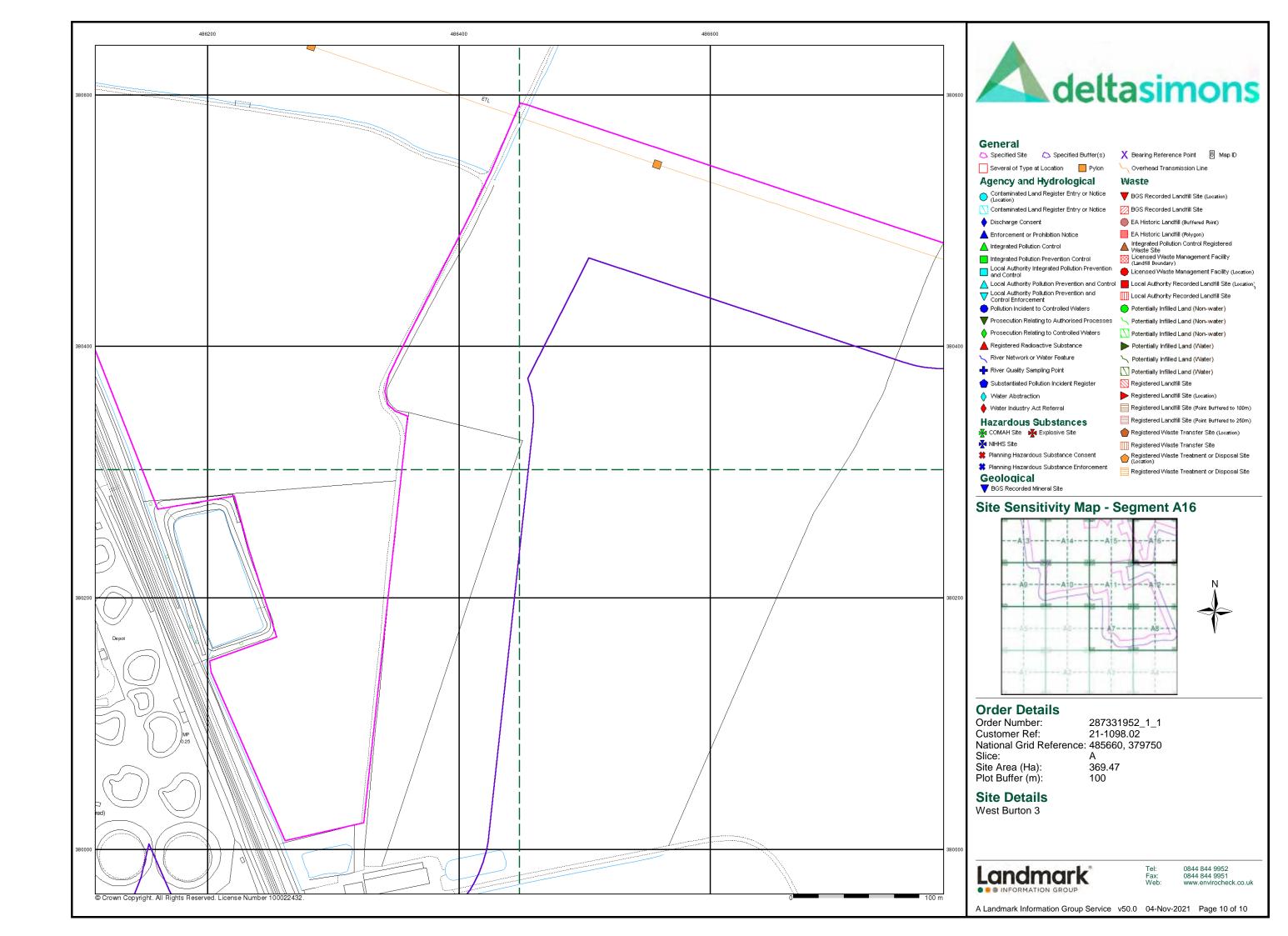


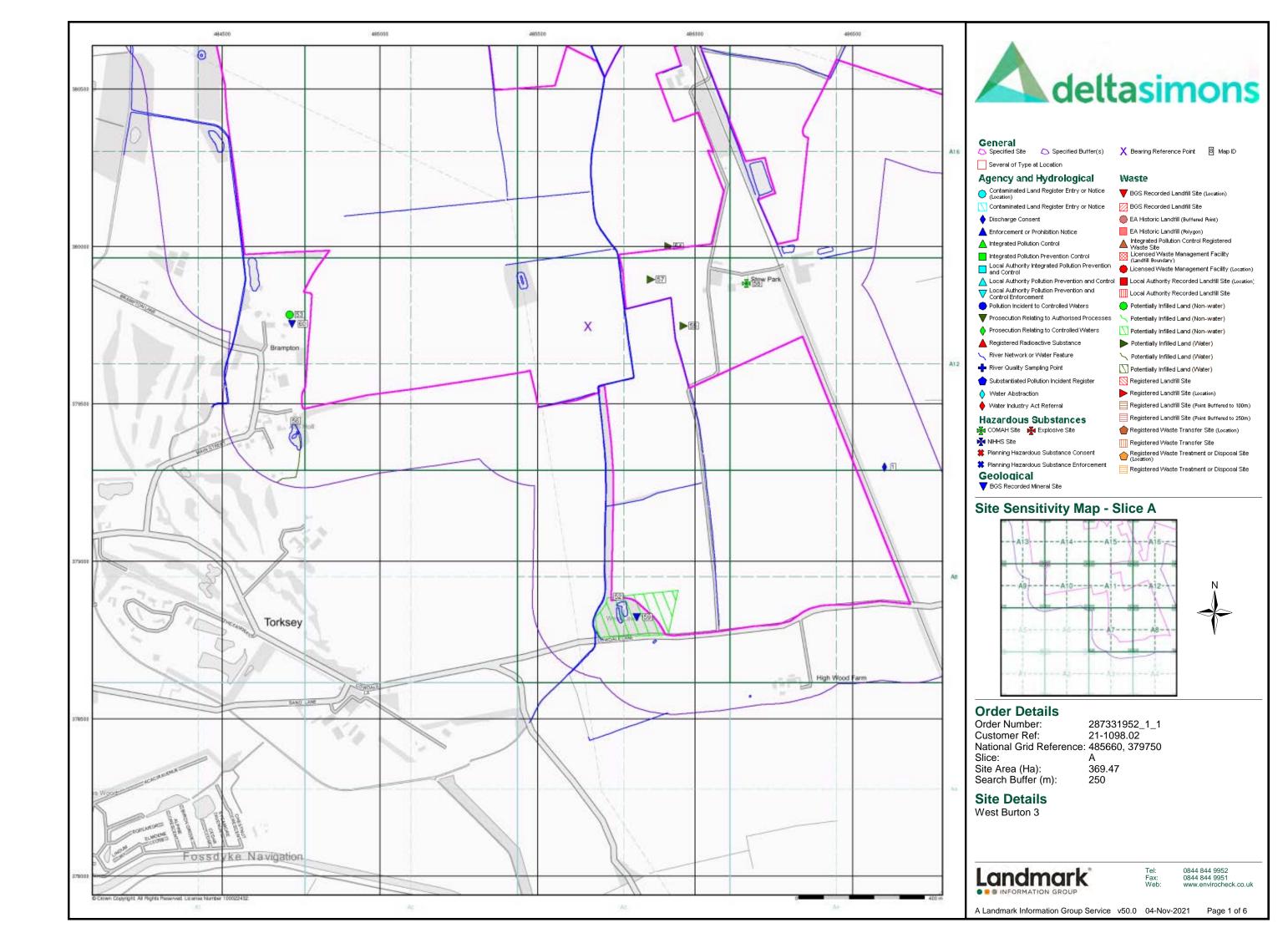


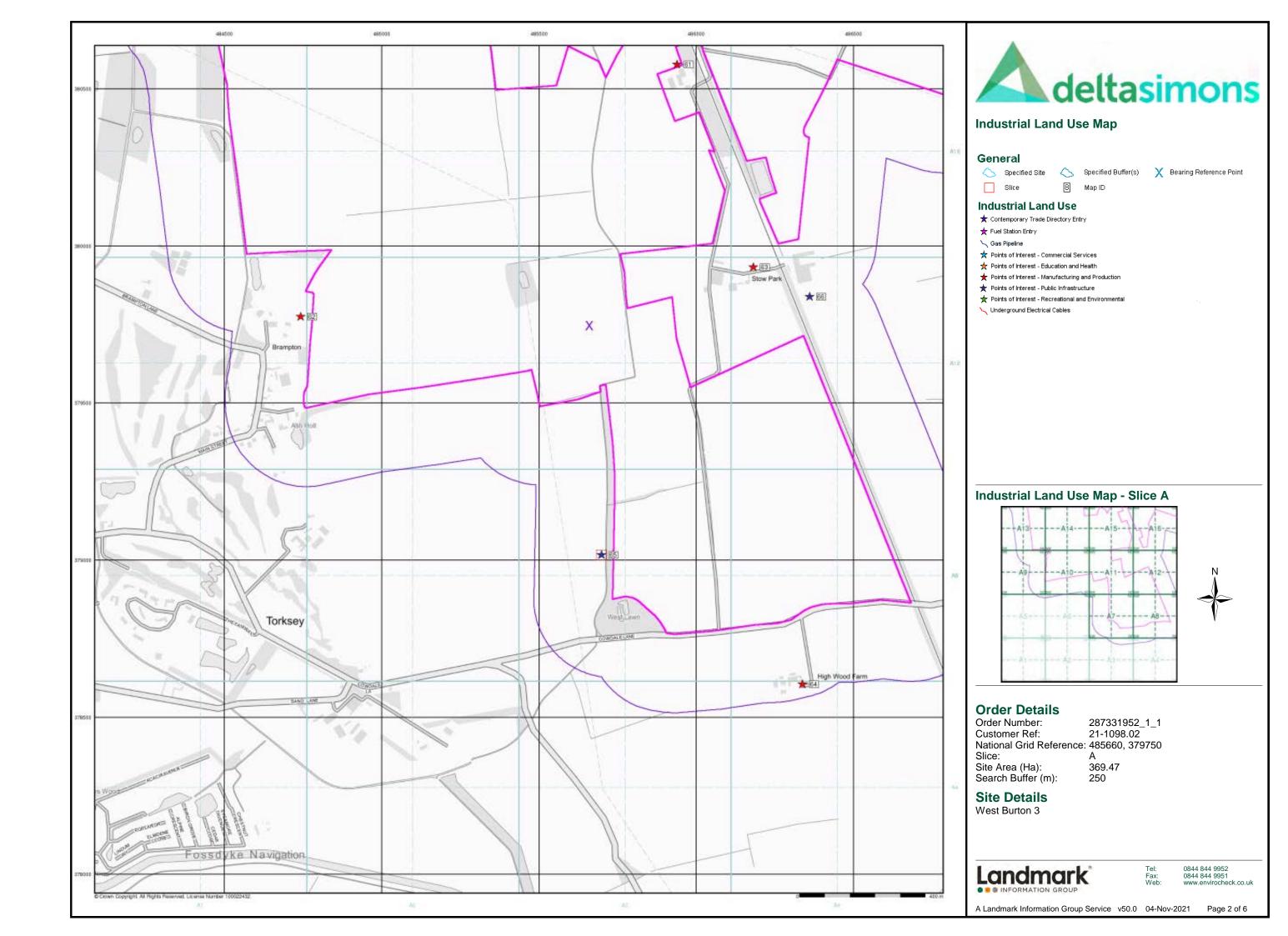


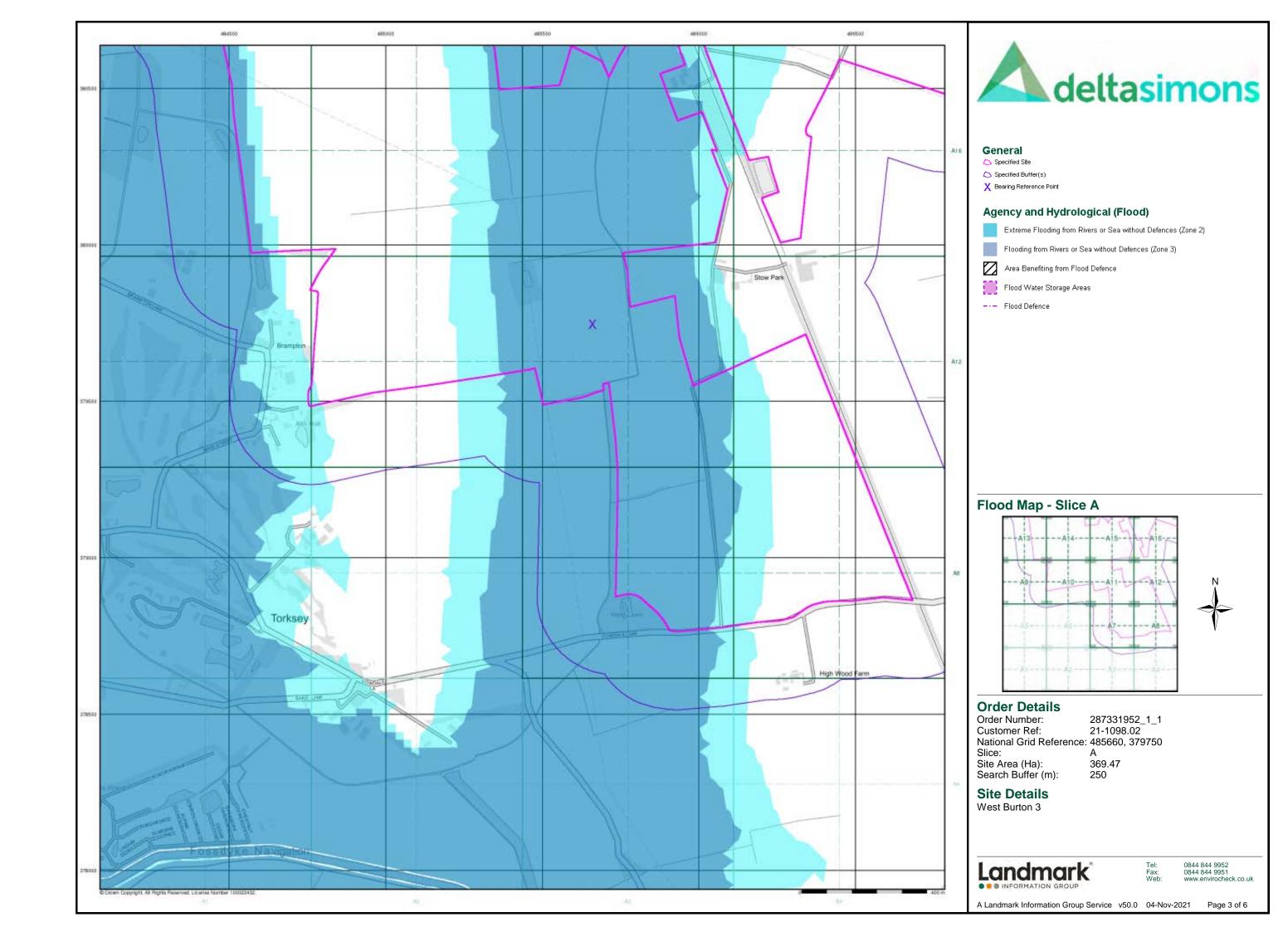


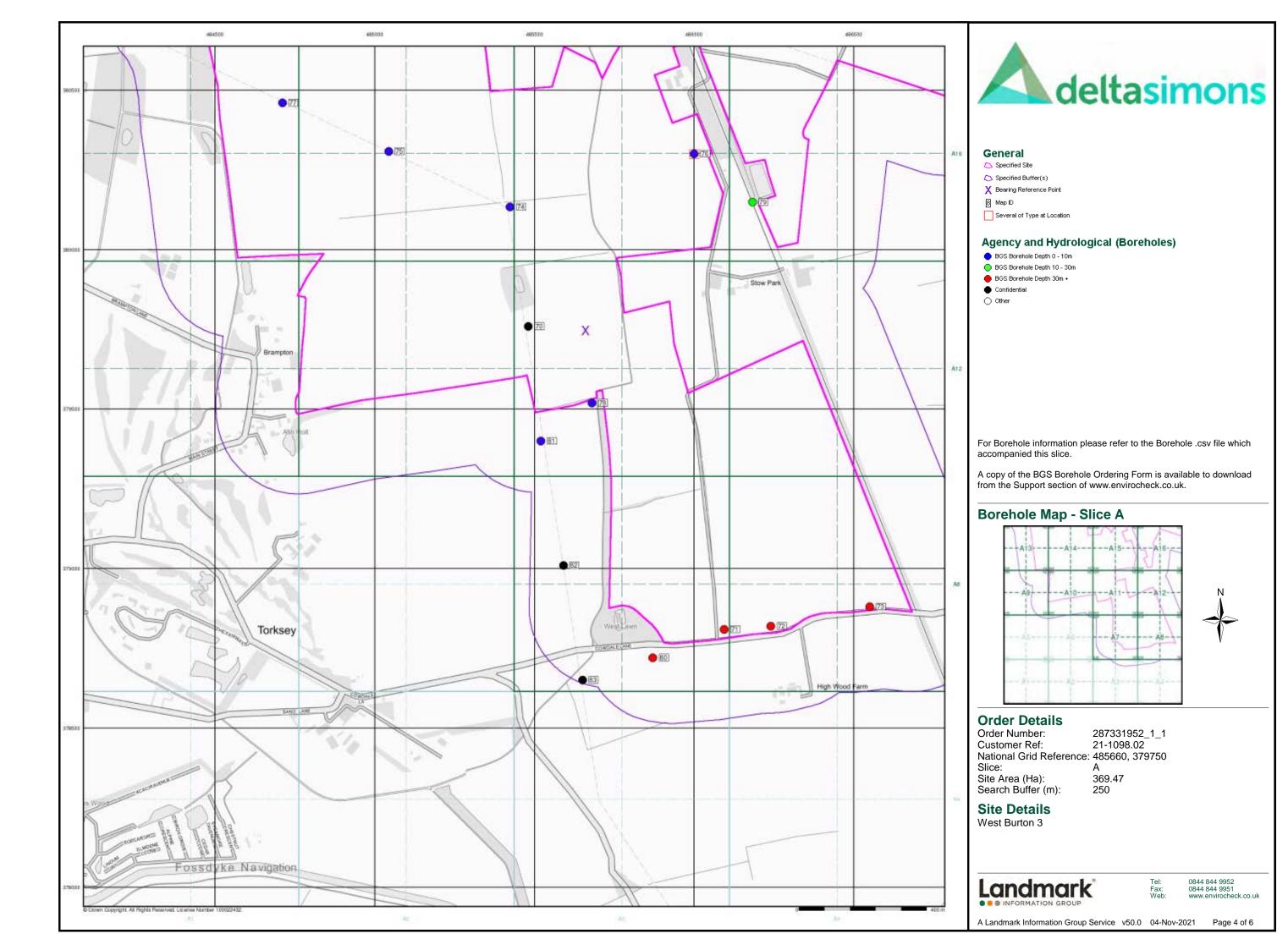




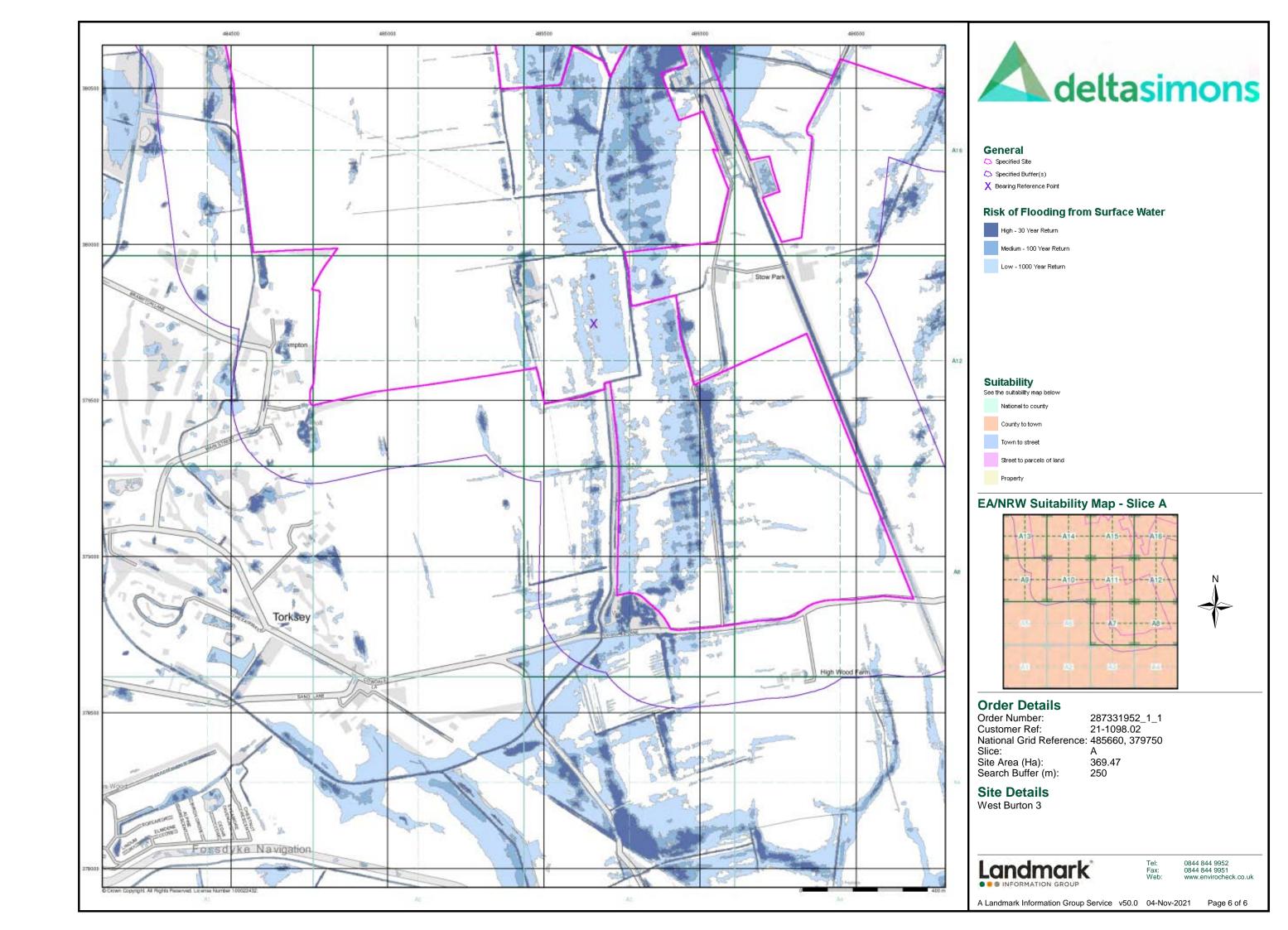


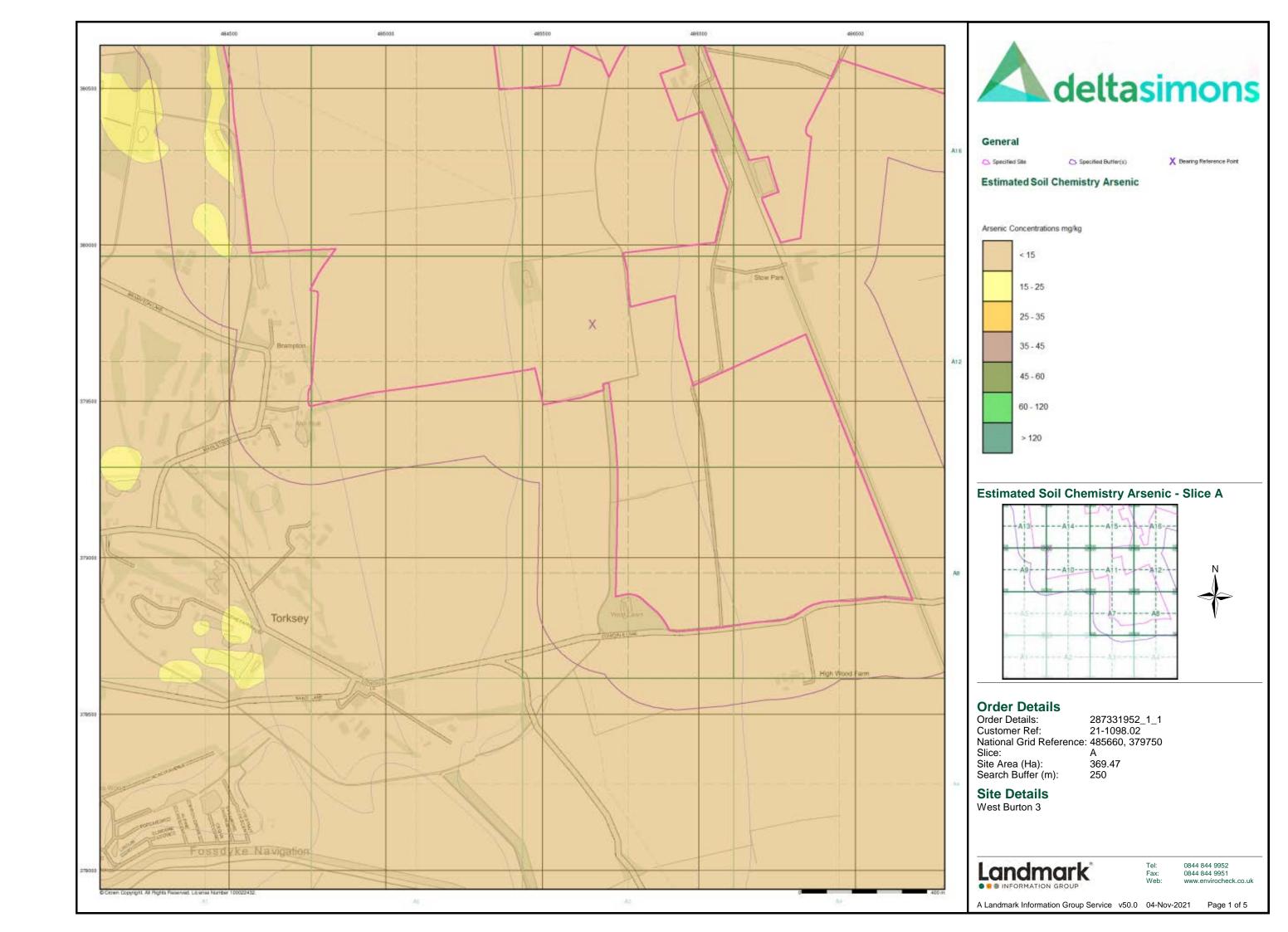


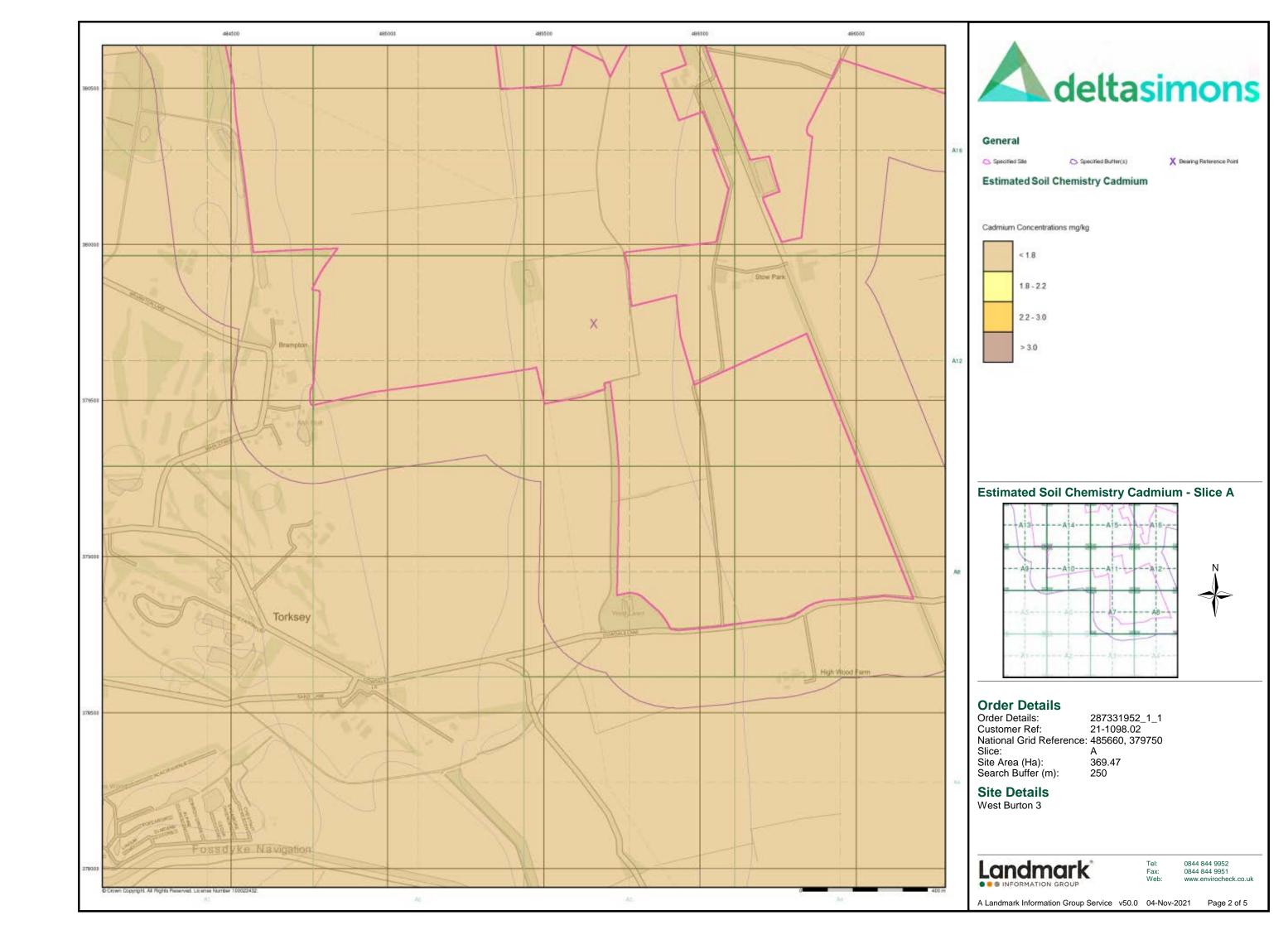


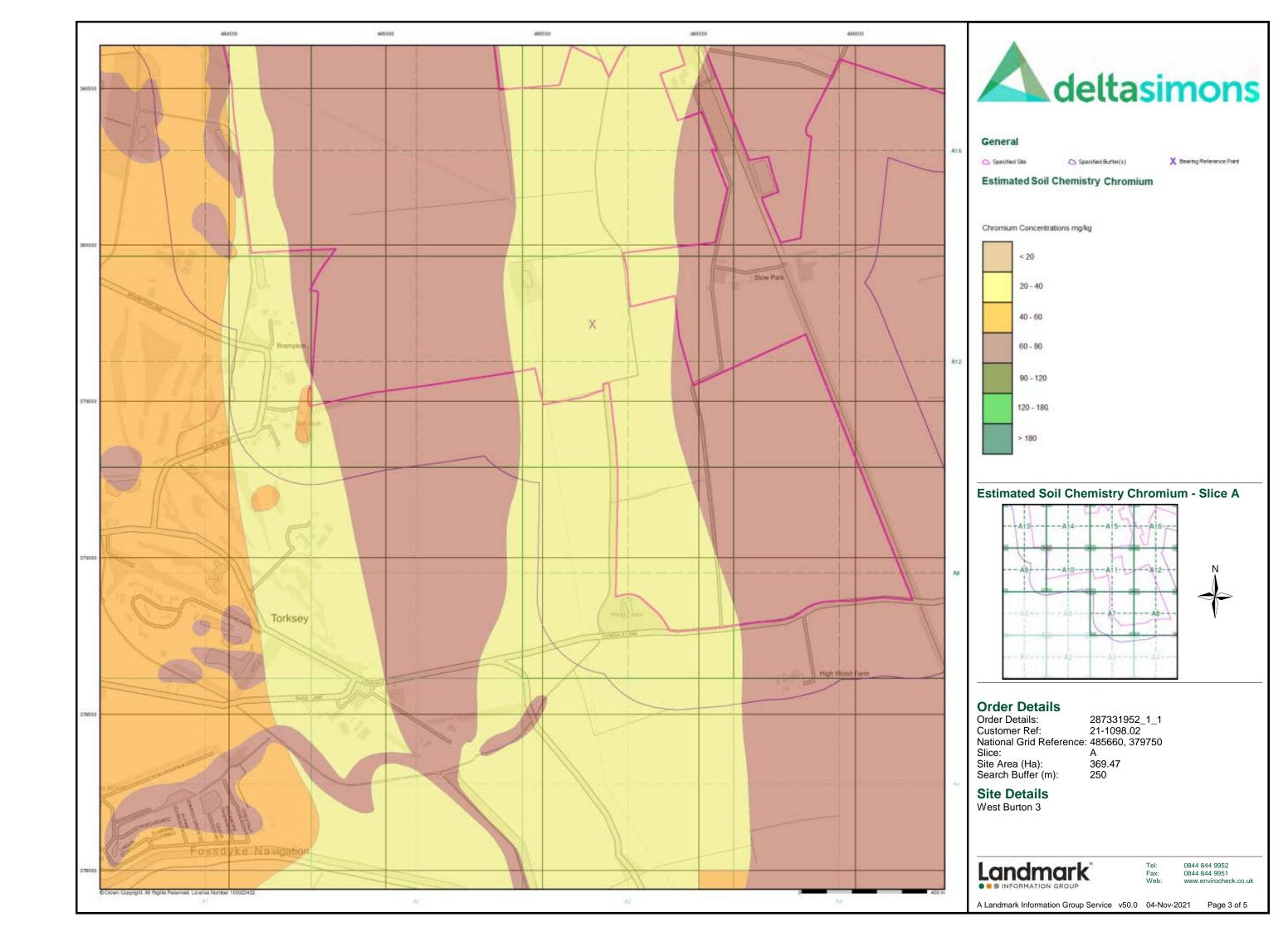


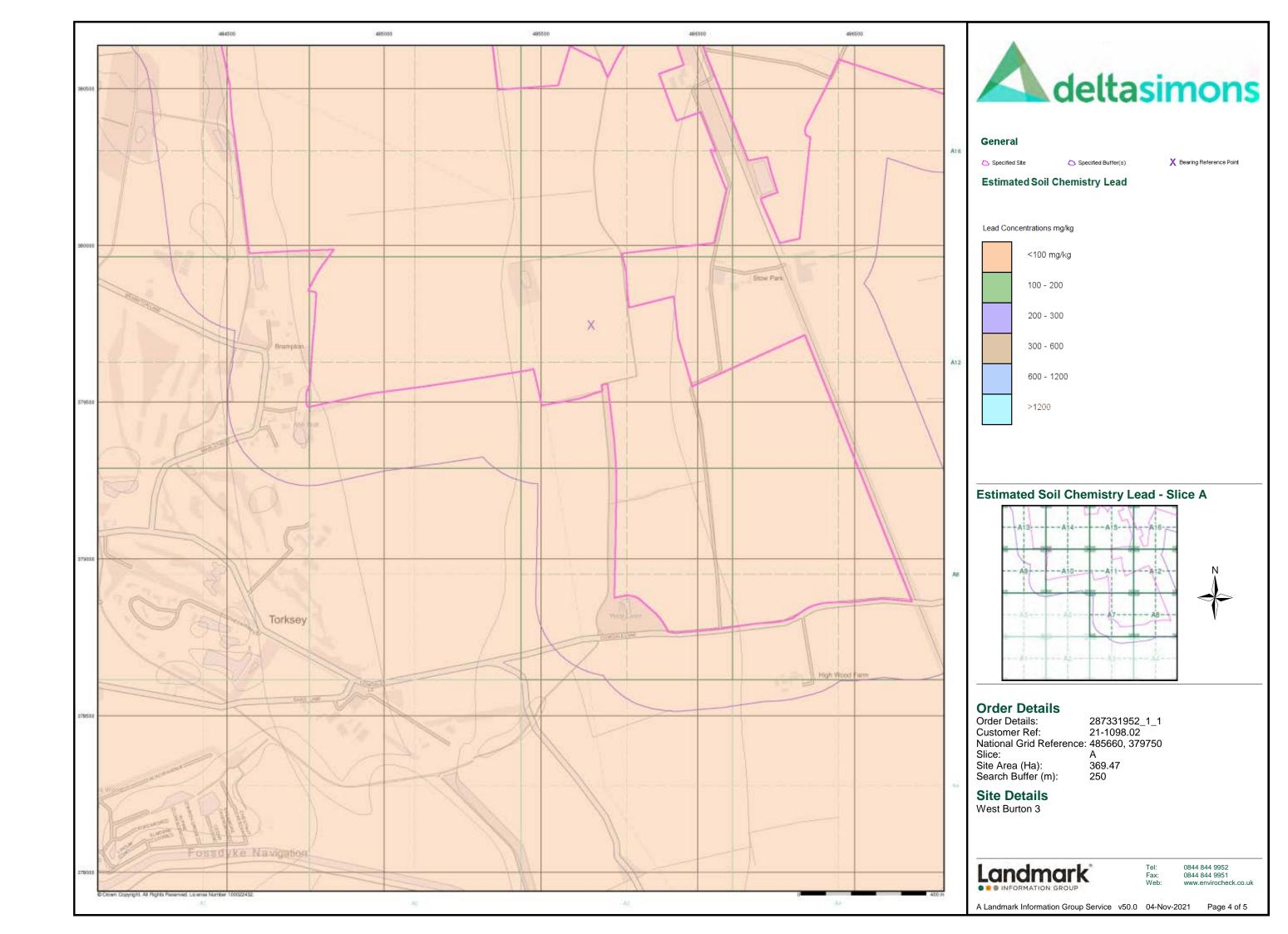




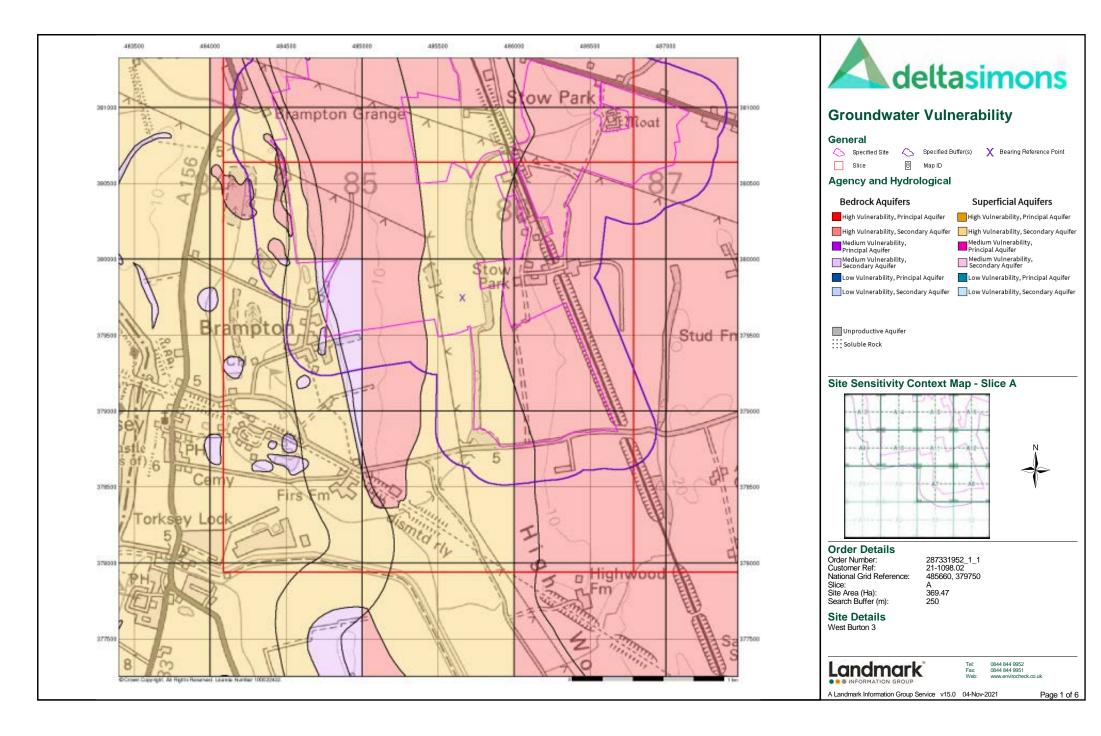


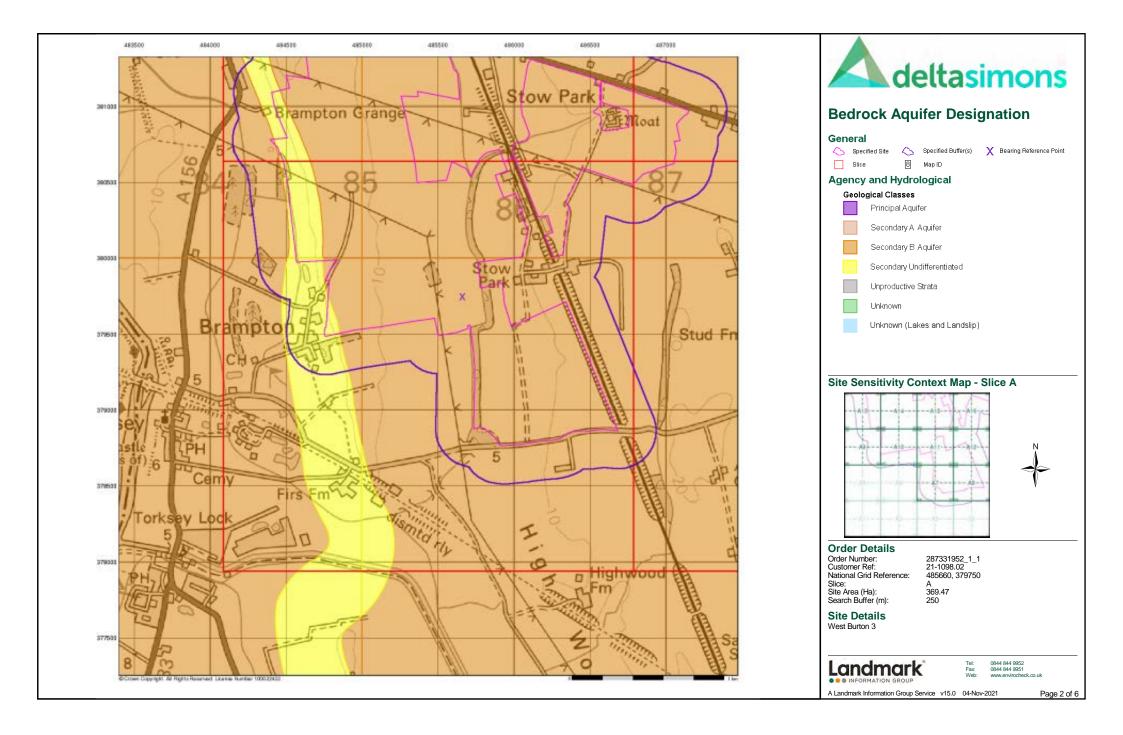


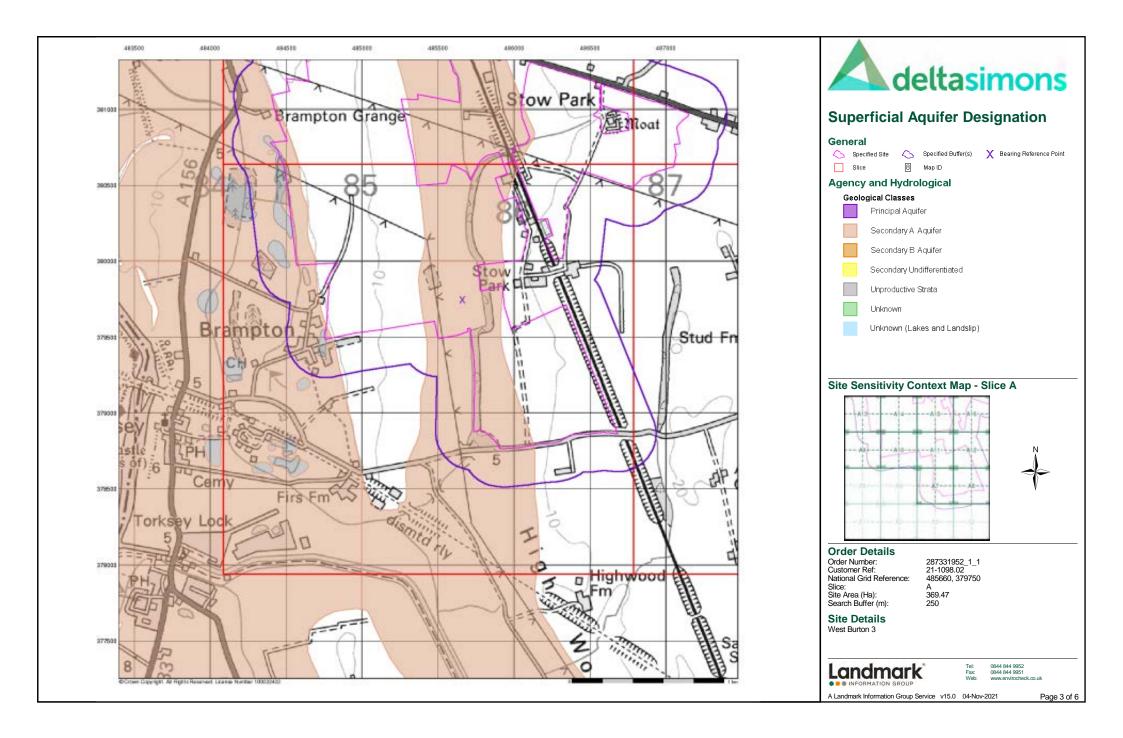


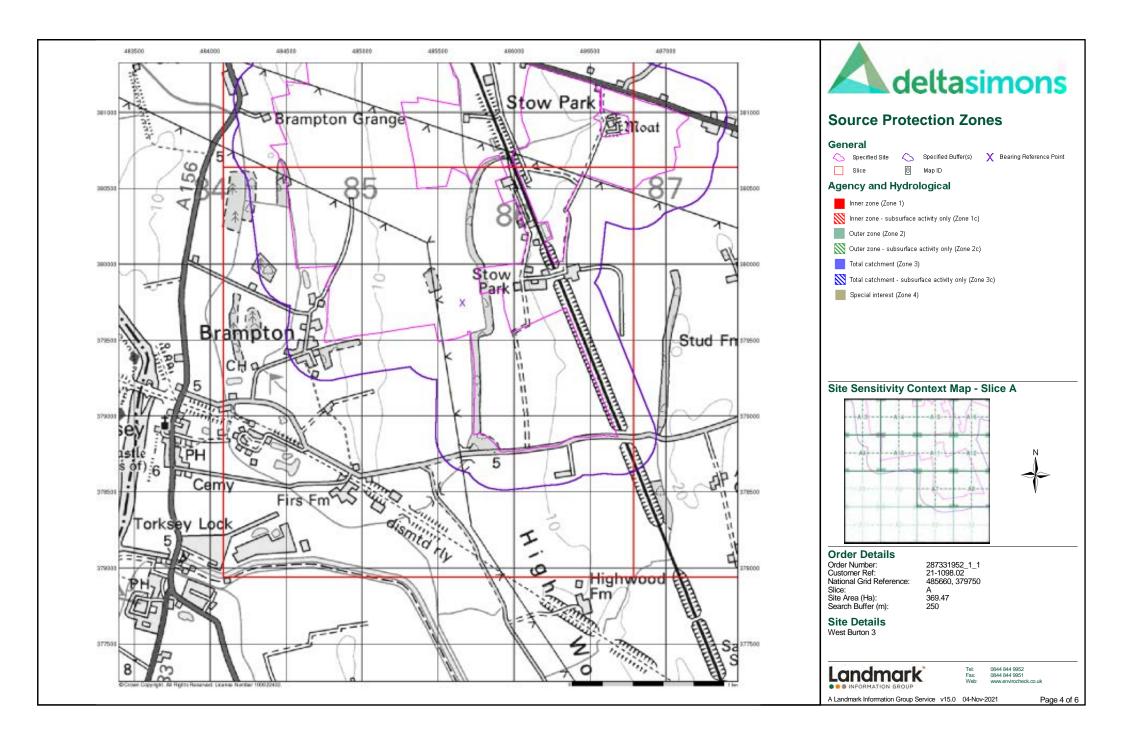


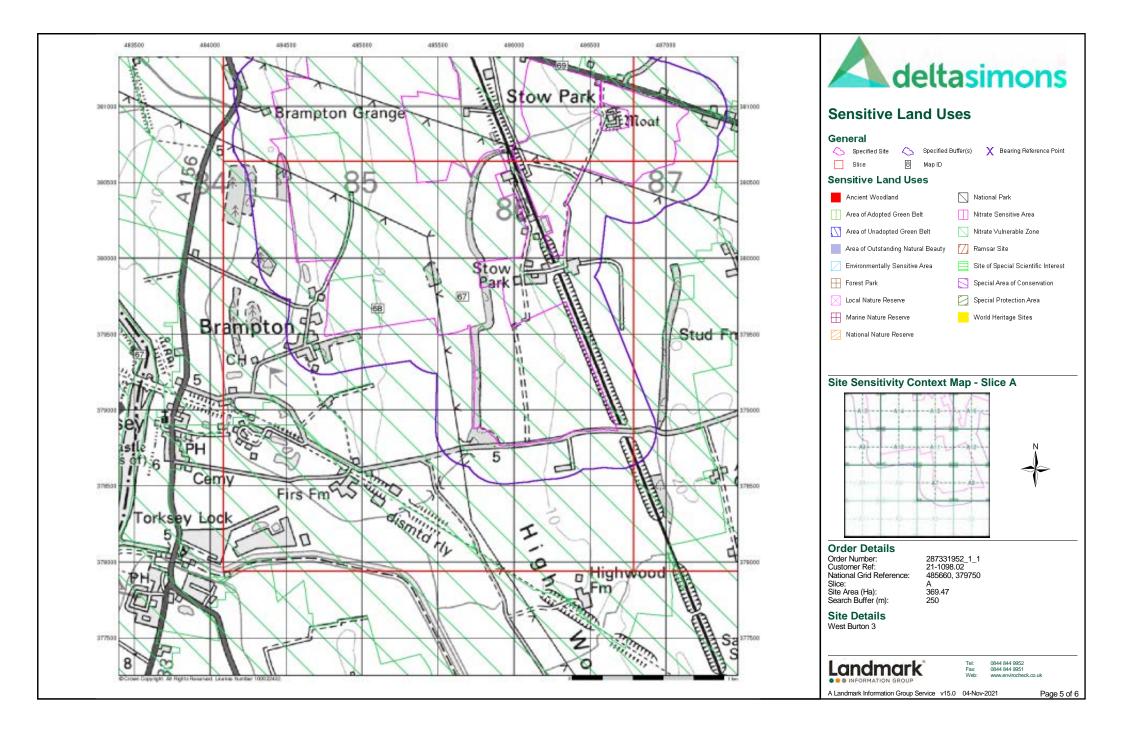


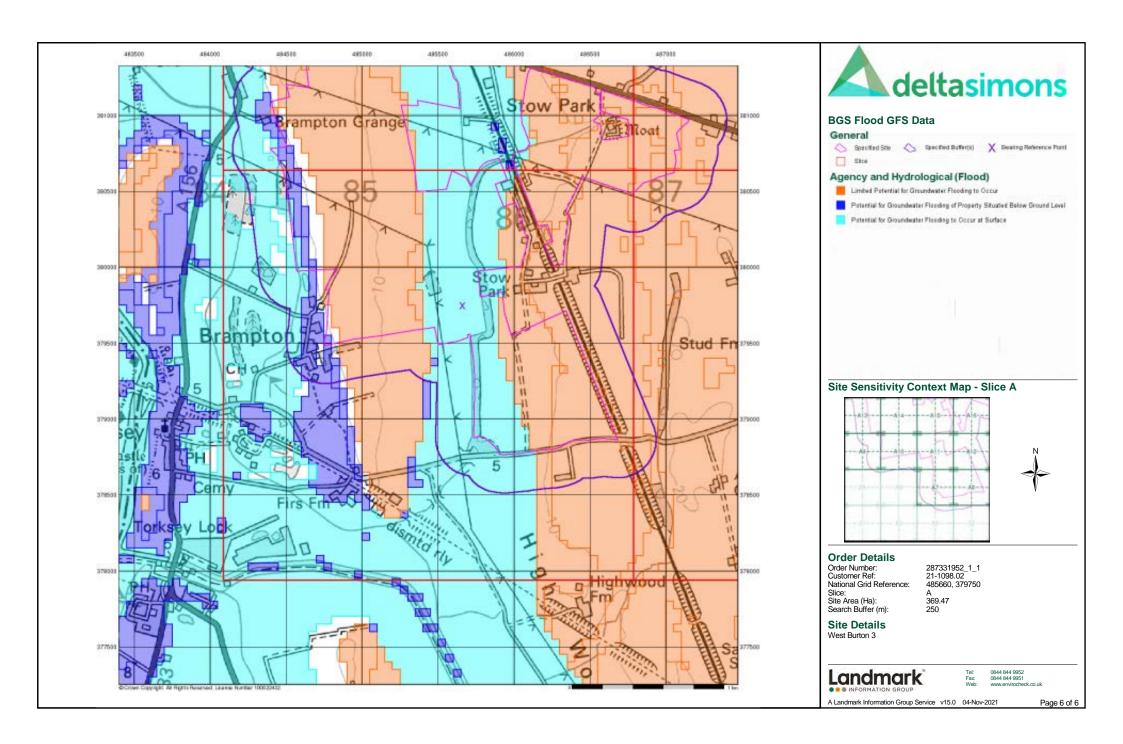














# **Envirocheck® Report:**

# **Datasheet**

# **Order Details:**

**Order Number:** 

287331952_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

486960, 380040

Slice:

R

Site Area (Ha):

369.47

Search Buffer (m):

250

## **Site Details:**

West Burton 3

# **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	-
Sensitive Land Use	8
Data Currency	9
Data Suppliers	14
Useful Contacts	15

#### 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



# **Summary**

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



# **Summary**

Data Type		On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 5	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			



# **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a
BGS Estimated Soil Chemistry	pg 6	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 6	Yes	
Potential for Running Sand Ground Stability Hazards			
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries			
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			



## **Summary**

Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 8	2	
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	(NW)	0	1	486300 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	486350 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	486800 381000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486600 379200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(NW)	0	1	486150 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	486650 379100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	486250 380250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486500 379450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486350 379350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	486956 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486550 379300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (N)	0	1	487000 380150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	486700 378950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (NW)	0	1	486850 380150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (W)	0	1	486800 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B13SW (NE)	0	1	486956 380040
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486200 379700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	485950 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	485950 380040
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	22	1	486750 378850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B14SW (E)	22	1	487650 380040
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	113	1	487200 380800

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Limited Potential for Groundwater Flooding to Occur	B13NE	132	1	487200
		<u> </u>	(NE)	132		380550
	Flooding Type:	Flooding Susceptibility  Limited Potential for Groundwater Flooding to Occur	B13SW (S)	171	1	486956 380000
		Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	B5SW (S)	177	1	486800 378700
	Nearest Surface W	ater Feature	B13NW (N)	0	-	486845 380565
	Groundwater Vulne	erability Map	(14)			360303
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(SW)	0	2	486058
	Classification:	, , ,	(-11)		_	379000
	Combined	High				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial	<90%				
	Patchiness:					
	Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	no Bulu				
	Groundwater Vulne	erability Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(NW)	0	2	486000
	Classification:	Occordary Dedicon Addition Tright Validability	(1400)		2	380547
	Combined	High				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70% <90%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial	No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B5NW	0	2	486956
	Classification: Combined	High	(S)			379000
	Vulnerability:	High				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index:	40-70%				
	Superficial	<90%				
	Patchiness:	-Om				
	Superficial Thickness:	<3m				
	Superficial	No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B13SW	0	2	486956
	Classification:		(S)			380000
	Combined	High				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year 40-70%				
	Baseflow Index: Superficial	40-70% <90%				
	Superficial			1		
	Patchiness:					
	Patchiness: Superficial	<3m				
	Patchiness:	<3m No Data				



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ap O		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B13SW	0	2	486956
	Classification: Combined	Lligh	(NE)			380040
	Vulnerability:	High				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year				
	Superficial	40-70% <90%				
	Patchiness:	20070				
	Superficial	<3m				
	Thickness:	N. D.				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B13SW	0	2	487000
	Classification:	in the second se	(E)		_	380040
	Combined	High				
	Vulnerability:	Draduative Dadrack Aprilles No Occapillat LA 19				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial Recharge:	No Data				
	_	such life. Man				
	Groundwater Vulne Combined	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	2	48695
	Classification:	Coochaary Dourock Adams: Angel Vaniorability	(**)		_	381000
	Combined	High				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial Recharge:	No Data				
$\dashv$	Groundwater Vulne	arahility Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	2	487000
	Classification:	2000.184. y Dourook requirer 1 light valiforability	(14)		-	38100
	Combined	High				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Patchiness: Superficial	<3m				
	Thickness:	-				
	Superficial	No Data				
-	Recharge:	and Wite. Calada Barda Birda				
	None	erability - Soluble Rock Risk				
	Bedrock Aquifer De	esignations				
	•	Secondary Aquifer - B	B13SW	0	2	48695
	Bedrock Aquifer De	esignations	(S)			38000
	-	Secondary Aquifer - B	B13SW	0	2	48695
	-	B. C. Carlo	(NE)			38004
	Superficial Aquifer	_	040		2	40500
	Aquiler Designation:	Secondary Aquifer - A	(W)	0	2	48593 37995



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - A	(W)	0	2	485931 380000
	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				
1	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NW (N)	0	3	486845 380565
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 214.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (NE)	183	3	487196 380452
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13NE (NE)	222	3	487194 380445
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 401.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B13SE (E)	225	3	487136 380076
5	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: Trent Primacy: 1	B5SW (S)	246	3	486930 378883
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 252.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B5NW (S)	247	3	486945 379133

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### **Waste**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	4	486956 380040
	Local Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	486956 380040

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology		_		
	Description: Lias Group	B13SW (NE)	0	1	486956 380040
	BGS Estimated Soil Chemistry  Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Rural Soil Arsenic <15 mg/kg Concentration: Cadmium <1.8 mg/kg	B13SW (NE)	0	1	486956 380040
	Concentration: Chromium 60 - 90 mg/kg Concentration: Lead Concentration: <100 mg/kg Nickel 15 - 30 mg/kg Concentration:				
	BGS Measured Urban Soil Chemistry No data available				
	BGS Urban Soil Chemistry Averages No data available				
	Coal Mining Affected Areas In an area that might not be affected by coal mining				
	Non Coal Mining Areas of Great Britain No Hazard				
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Potential for Collapsible Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Potential for Compressible Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Ground Dissolution Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Source: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low  Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Radon Potential - Radon Affected Areas  Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  Source: British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040



# **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380001
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	B13SW (NE)	0	1	486956 380040
	Radon Potential - R	adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions British Geological Survey, National Geoscience Information Service	B13SW (S)	0	1	486956 380001

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### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	Nitrate Vulnerab Name:	R Trent From Carlton-On-Trent To Laughton Drain Nvz	B13SW	0	2	486956
	Description: Source:	Surface Water Environment Agency, Head Office	(NE)			380040
	Nitrate Vulnerab	le Zones				
8	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	(N)	0	2	487150 380980

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature	November 2011	Variable
Ordnance Survey	August 2021	
,	August 2021	
Pollution Incidents to Controlled Waters	Danarahan 1000	
Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
	September 1999	
Prosecutions Relating to Authorised Processes	h.h. 2045	
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map		,
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations	3333., 20.0	
Environment Agency - Head Office	January 2018	Annually
	January 2010	Ailliually
Source Protection Zones		i contract of the contract of

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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	, 2010	
Environment Agency - Head Office	February 2016	Annually
	1 oblidary 2010	7 timadily
BGS Groundwater Flooding Susceptibility  British Geological Survey - National Geoscience Information Service	May 2013	Annually
Shiish Geological Survey - National Geoscience information Service	Iviay 2013	Aillidally
Waste	Version	Update Cycl
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)	, ,	, , ,
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
	33., 232.	Quartony
Local Authority Landfill Coverage Lincolnshire County Council	February 2003	Not Applicable
Nest Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
	1 0514417 2000	. Tot / ipplicable
Local Authority Recorded Landfill Sites Lincolnshire County Council	October 2018	
Lincoinsnire County Council  West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
	October 2018	
Potentially Infilled Land (Non-Water)	Dogg#h == 4000	Not Applicable
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
andmark Information Group Limited	December 1999	
Registered Landfill Sites		
To the control American Amelian Depice - Newthern American	March 2006	Not Applicable
Environment Agency - Anglian Region - Northern Area		
Environment Agency - Anglian Region - Northern Area  Registered Waste Transfer Sites  Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Transfer Sites	April 2018	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites	M 1 0047	
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents	,	
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry	Docombor 2015	Annually
British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District	Way 2021	Di Ailidally
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas	3,11,1	
The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards	January 2010	7
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 11 of 15



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

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 12 of 15



Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Noturiol Cyfreu Matural Resources Walke
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 迎念河
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	ARUP Stantec



### **Useful Contacts**

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: [REDACTED]	
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409	
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk	
4	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk	
5	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk	
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]	
-	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: [REDACTED]	
-	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: [REDACTED]	

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

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### **Geology 1:50,000 Maps Legends**

#### **Superficial Geology**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Not Supplied - Pleistocene
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

#### **Bedrock and Faults**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian



#### 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

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

#### Geology 1:50,000 Maps Coverage

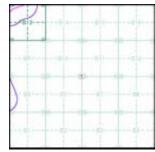
 Map ID:
 1

 Map Sheet No:
 102

 Map Name:
 Market Rasen

Map Name: Market Raser
Map Date: 1999
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Taults: Not Supplied
Landslip: Not Available

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





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

B 369.47 r (m): 250

287331952_1_1 21-1098.02

486960, 380040

Site Details:

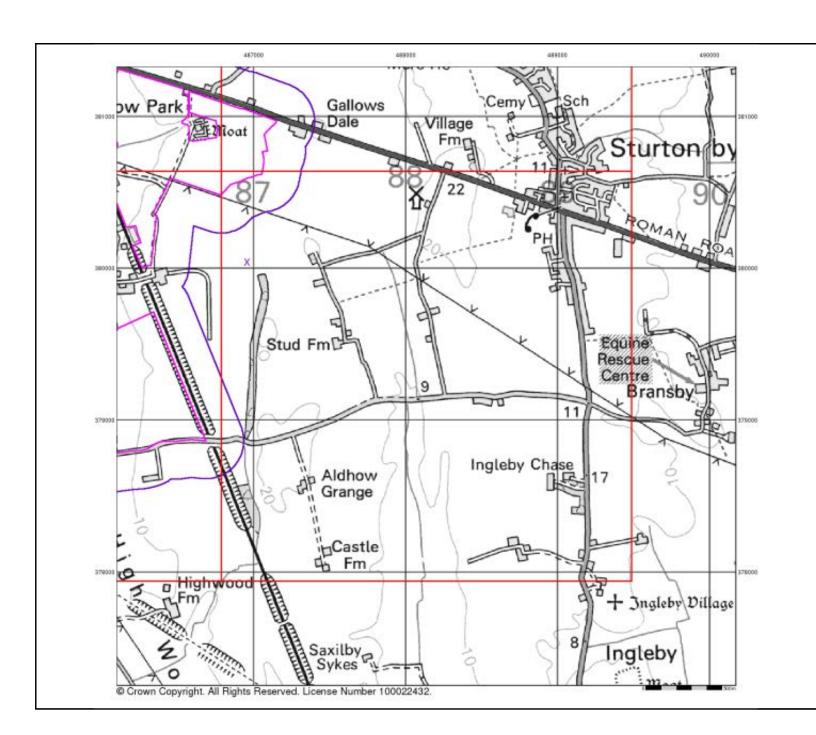
West Burton 3



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#### **Artificial Ground and Landslip**

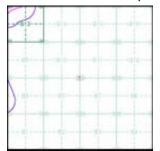
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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
- Worked ground areas where the ground has been cut away such a 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
- Disturbed ground areas of ill-defined shallow or near surface minera 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 B





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

486960, 380040 B 369.47 250

287331952_1_1 21-1098.02

Site Details:

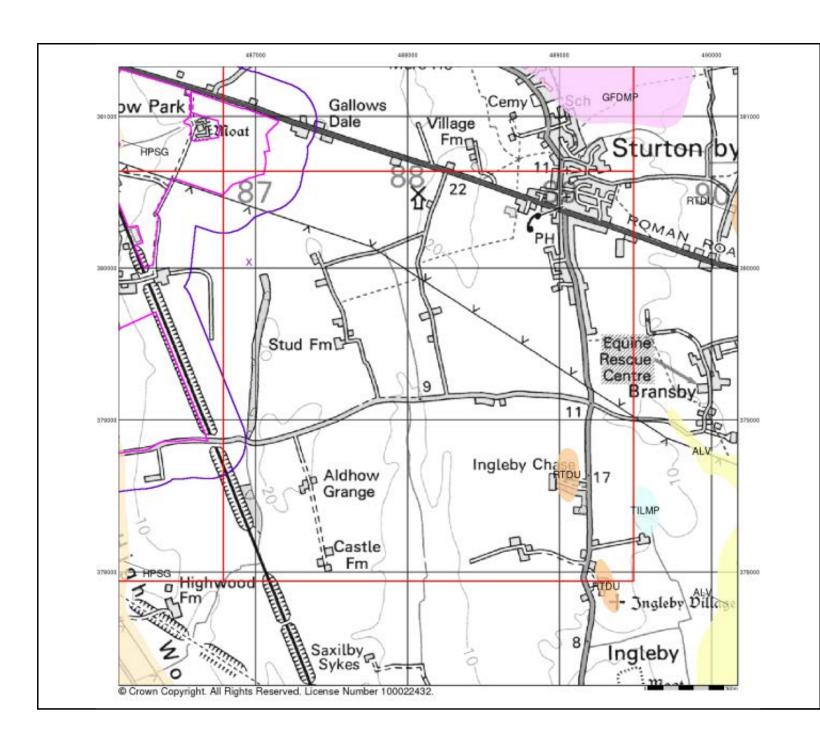
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v15.0 04-Nov-2021

Page 2 of 5





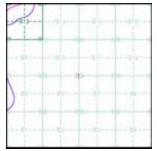
#### Superficial Geology

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 B





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

486960, 380040 B 369.47 250

287331952_1_1 21-1098.02

Site Details:

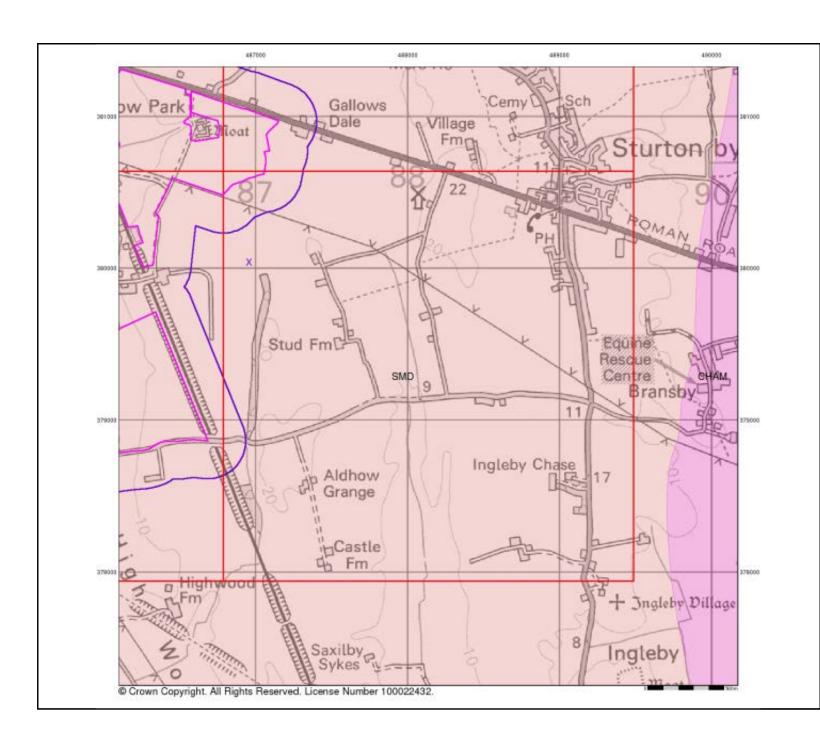
West Burton 3

Landmark*

rel: 0844 844 9952 rax: 0844 844 9951 Veb: www.envirocheck.c

v15.0 04-Nov-2021

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#### **Bedrock and Faults**

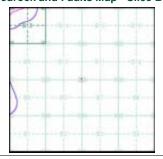
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 B





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

d Reference: 486960, 380040 B a): 369.47 er (m): 250

287331952_1_1 21-1098.02

Site Details:

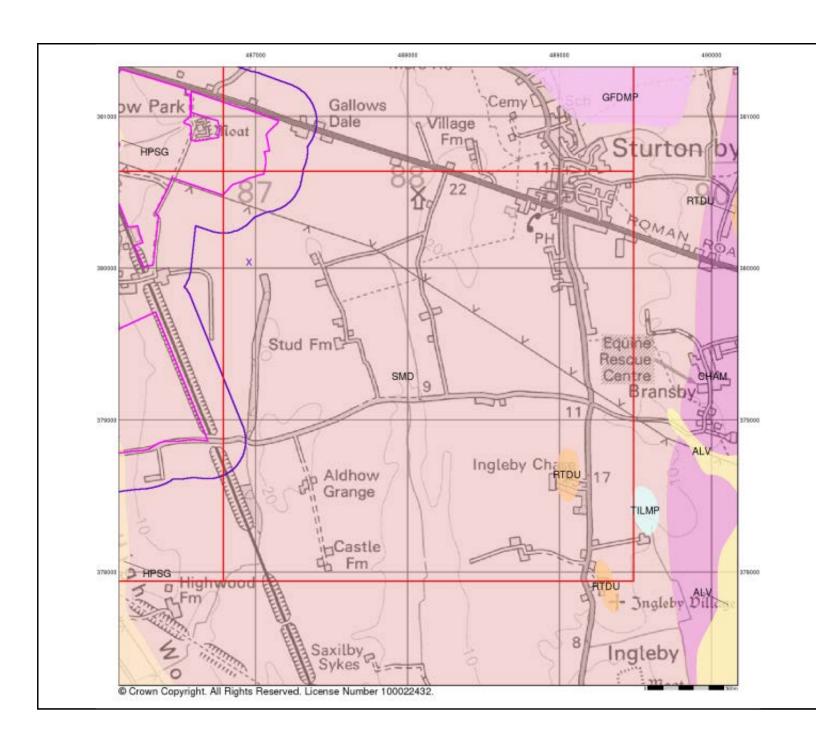
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#### Combined Surface Geology

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.

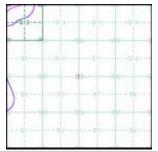
#### **Additional Information**

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: [REDACTED]uk

#### **Combined Geology Map - Slice B**





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha):

Site Area (Ha): Search Buffer (m): 287331952_1_1 21-1098.02 486960, 380040 B 369.47 250

#### Site Details:

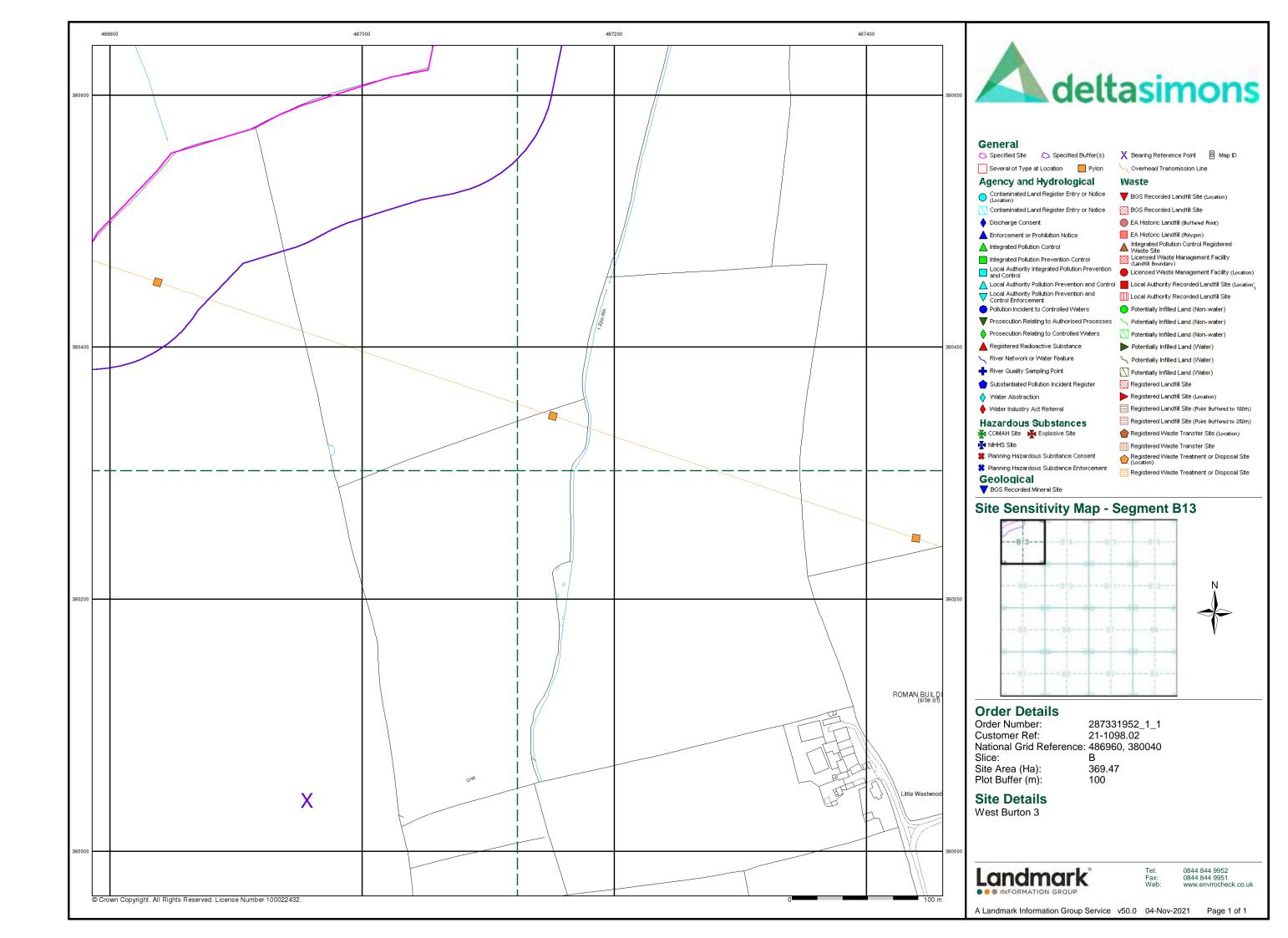
West Burton 3

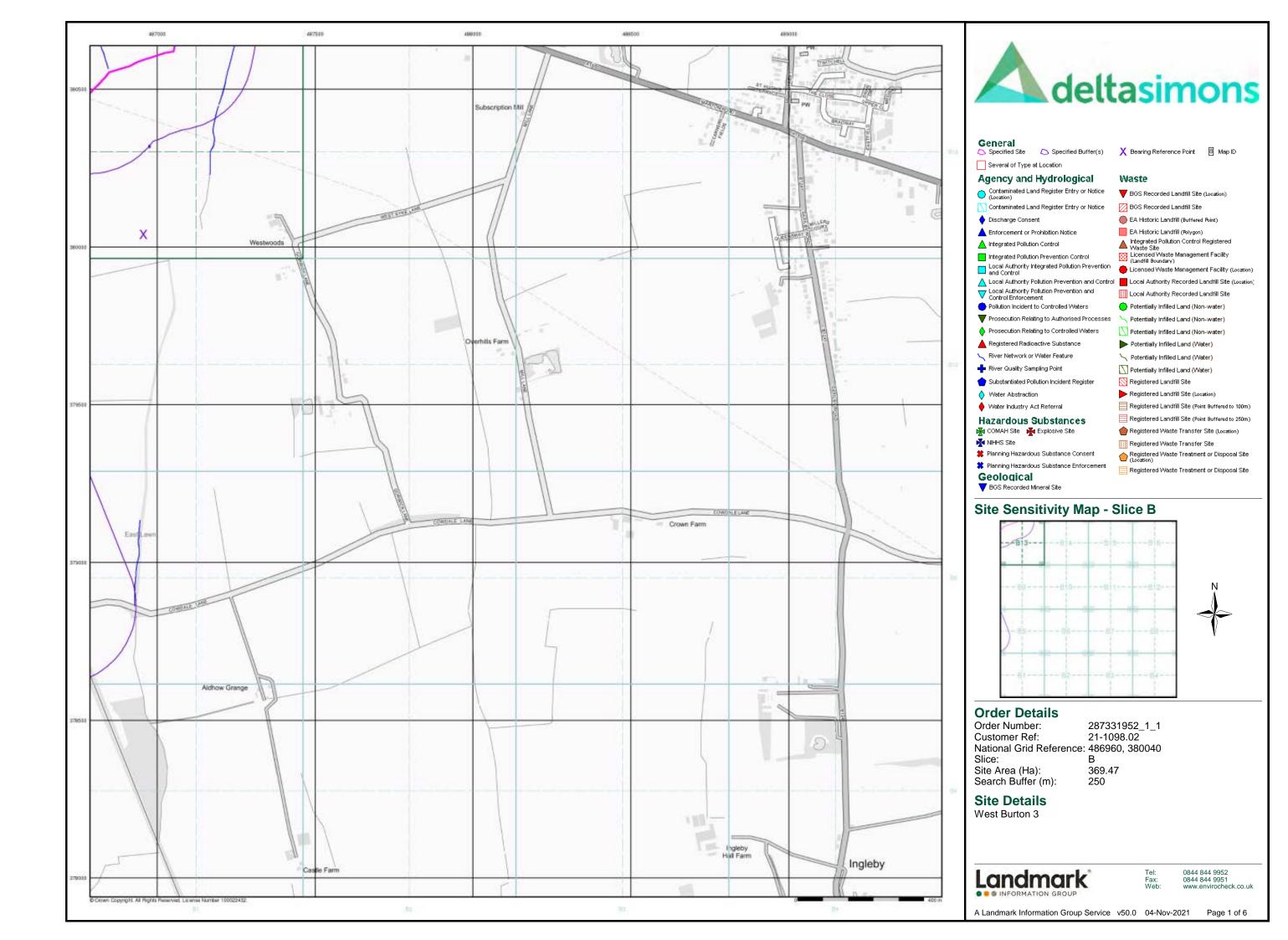


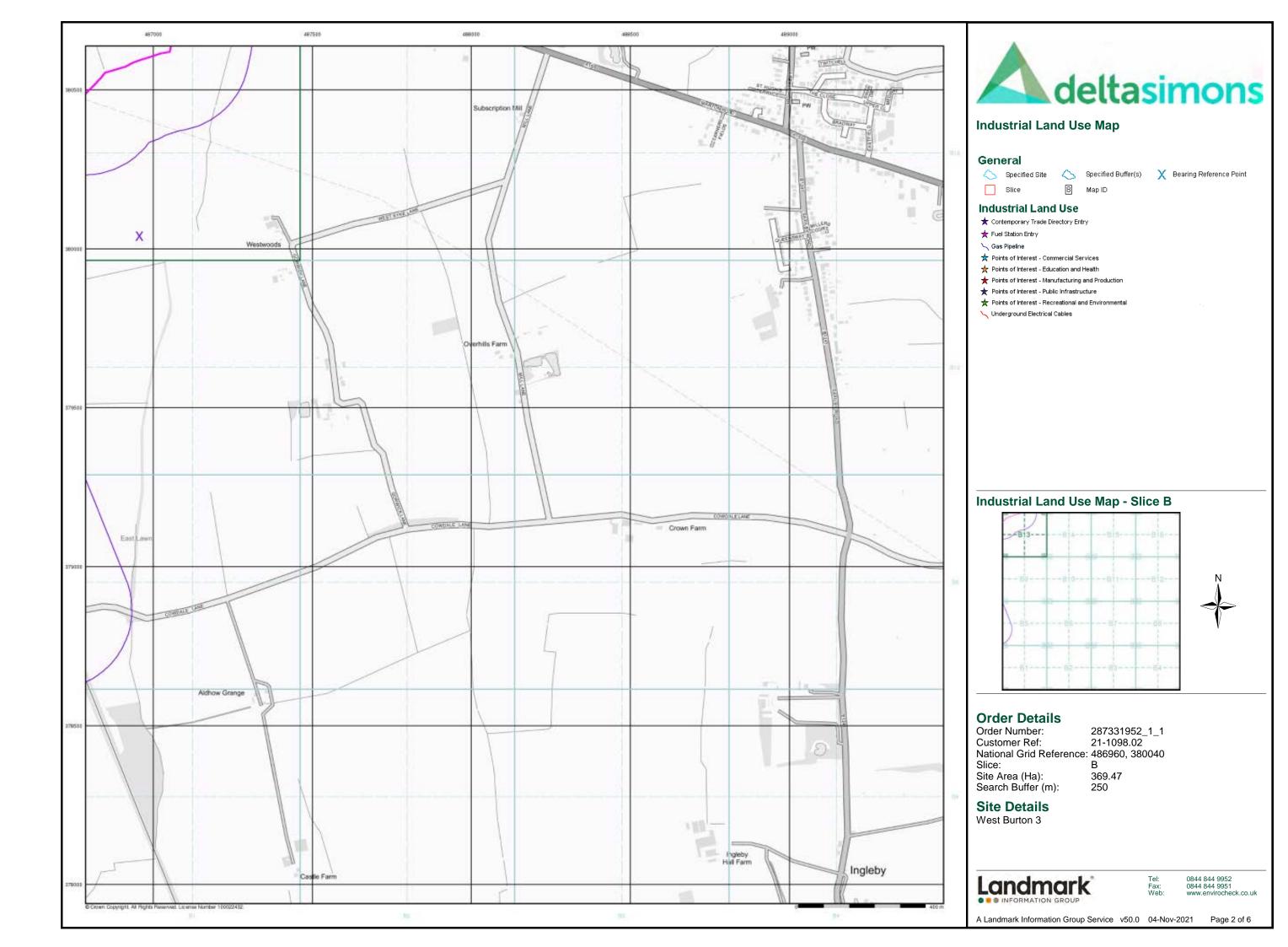
Fel: 0844 844 9952 Fax: 0844 844 9951 Veb: www.envirocheck.c

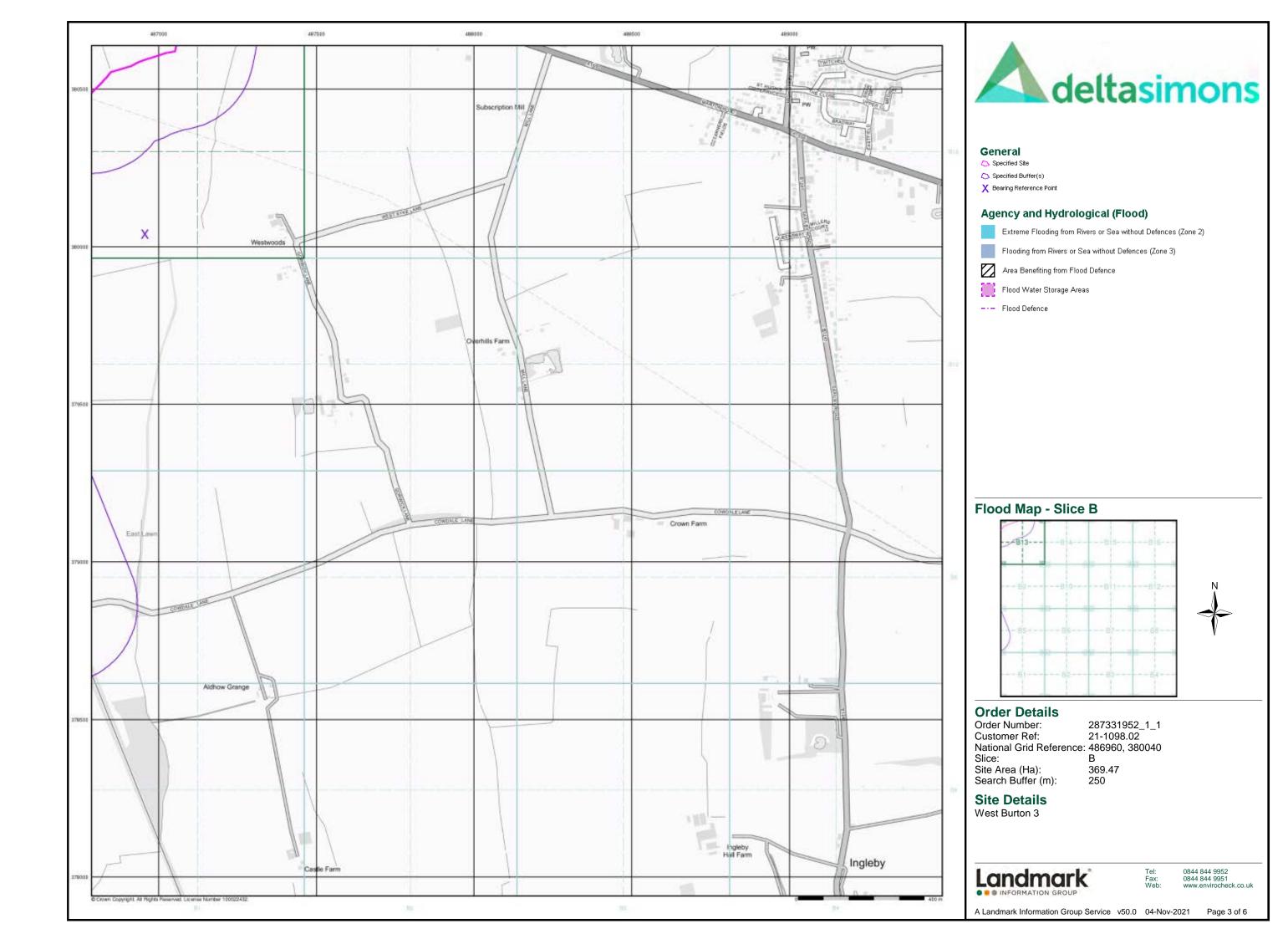
v15.0 04-Nov-2021

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#### General

Specified Site

Specified Buffer(s)

X Bearing Reference Point

8 Map ID

Several of Type at Location

#### Agency and Hydrological (Boreholes)

BGS Borehole Depth 0 - 10m

BGS Borehole Depth 10 - 30m

BGS Borehole Depth 30m +

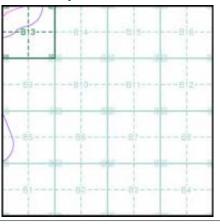
Confidential

Other

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

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

### Borehole Map - Slice B





Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 486960, 380040

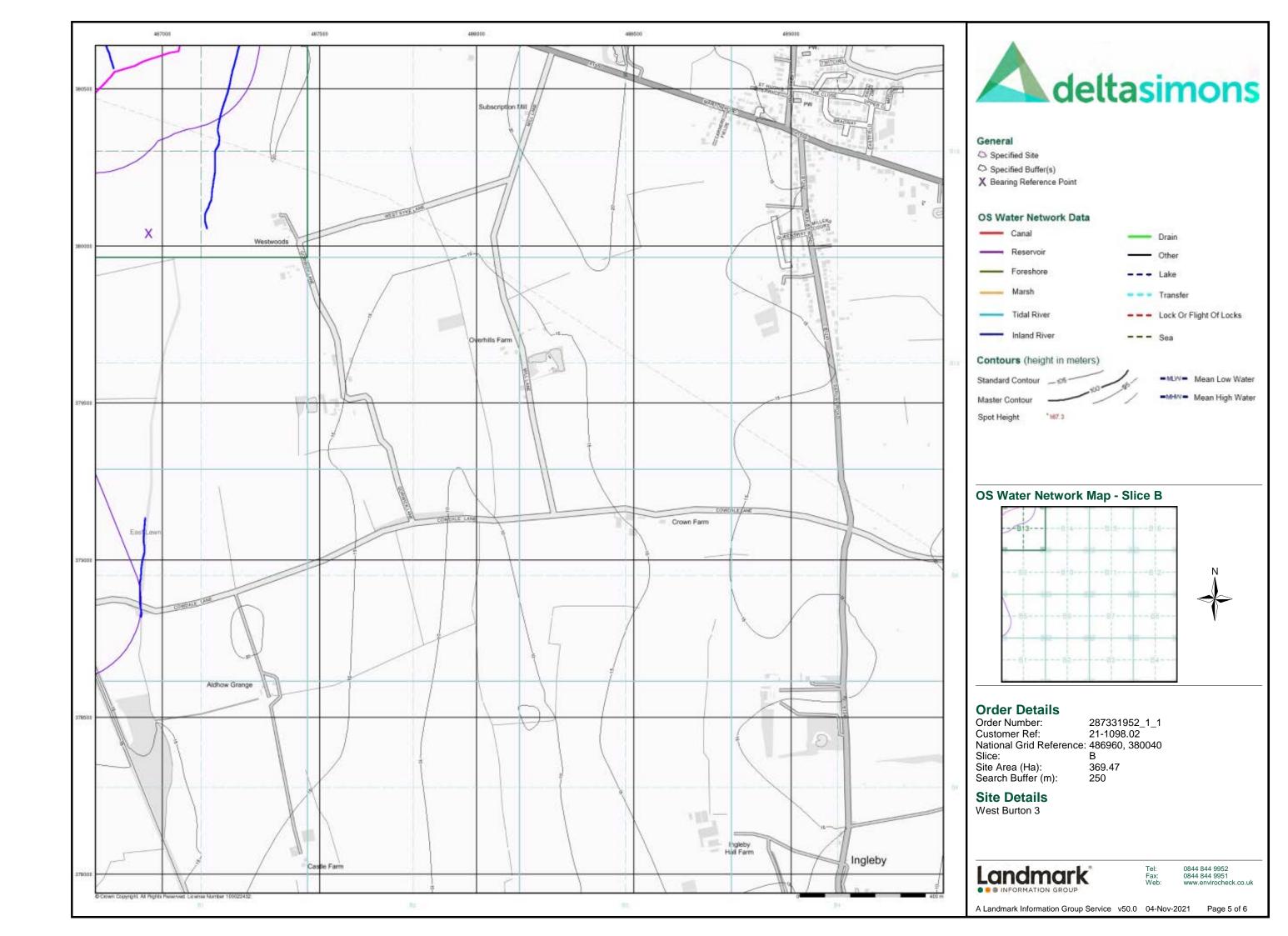
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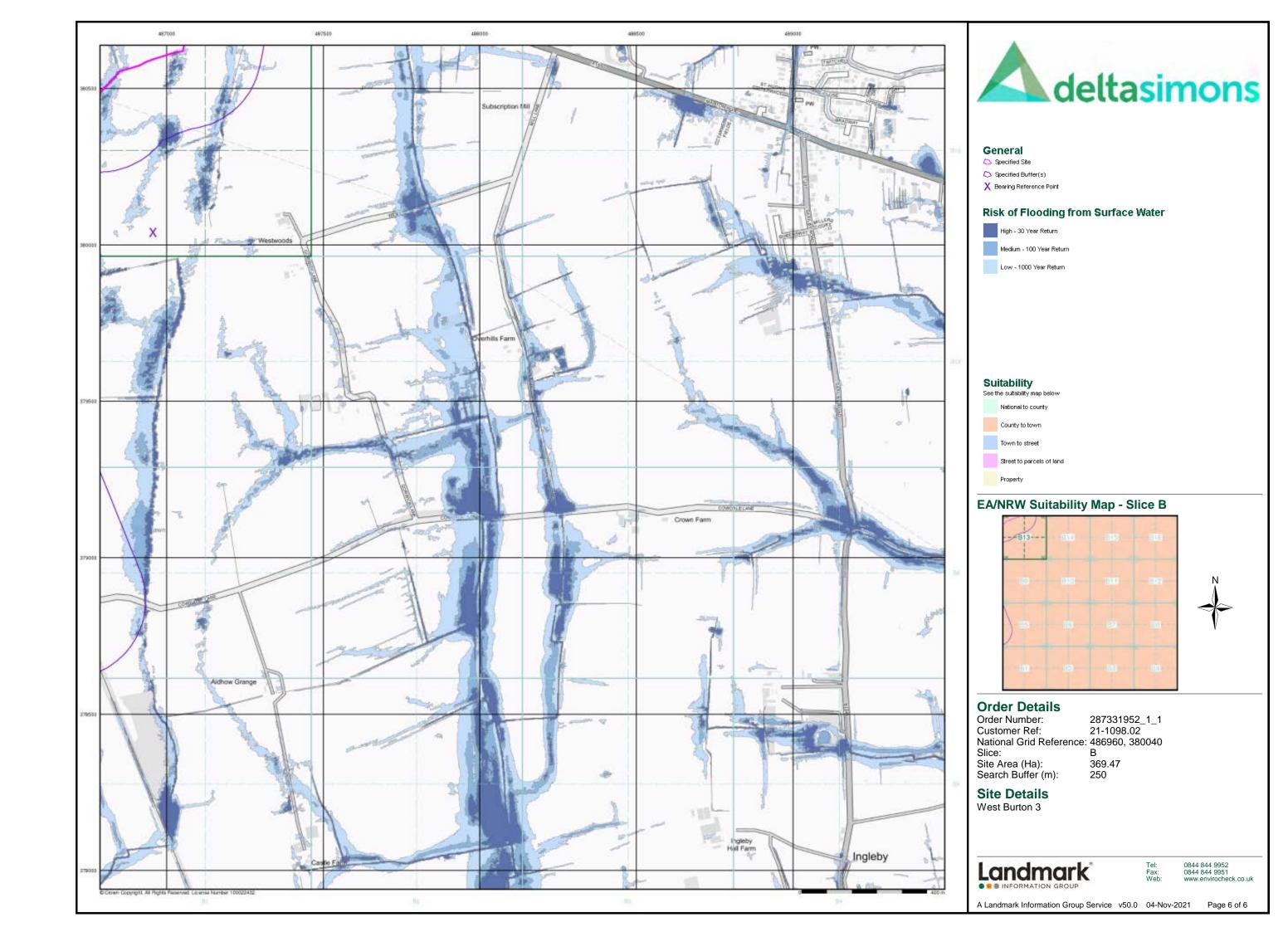
**Site Details** West Burton 3

Landmark

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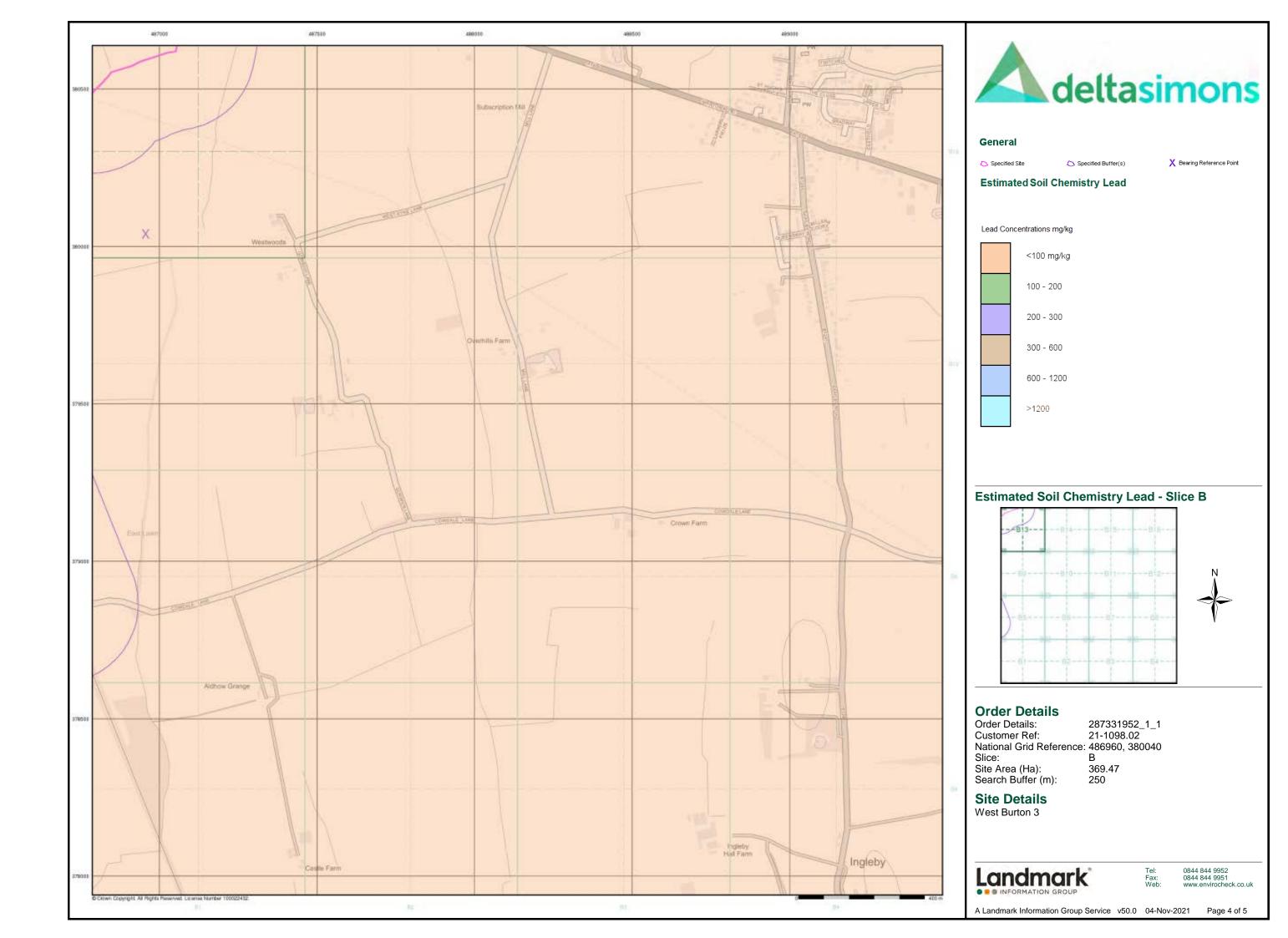


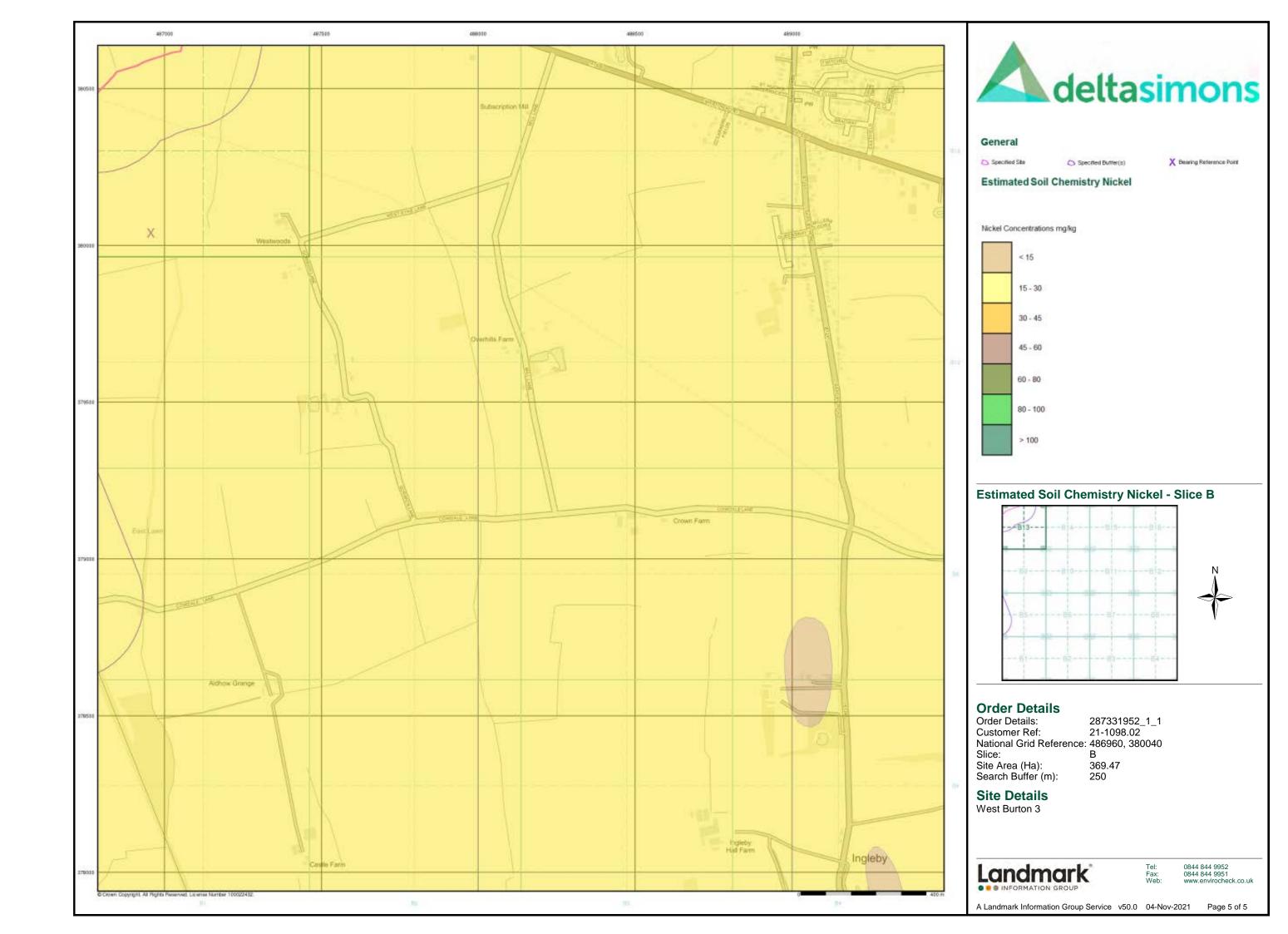


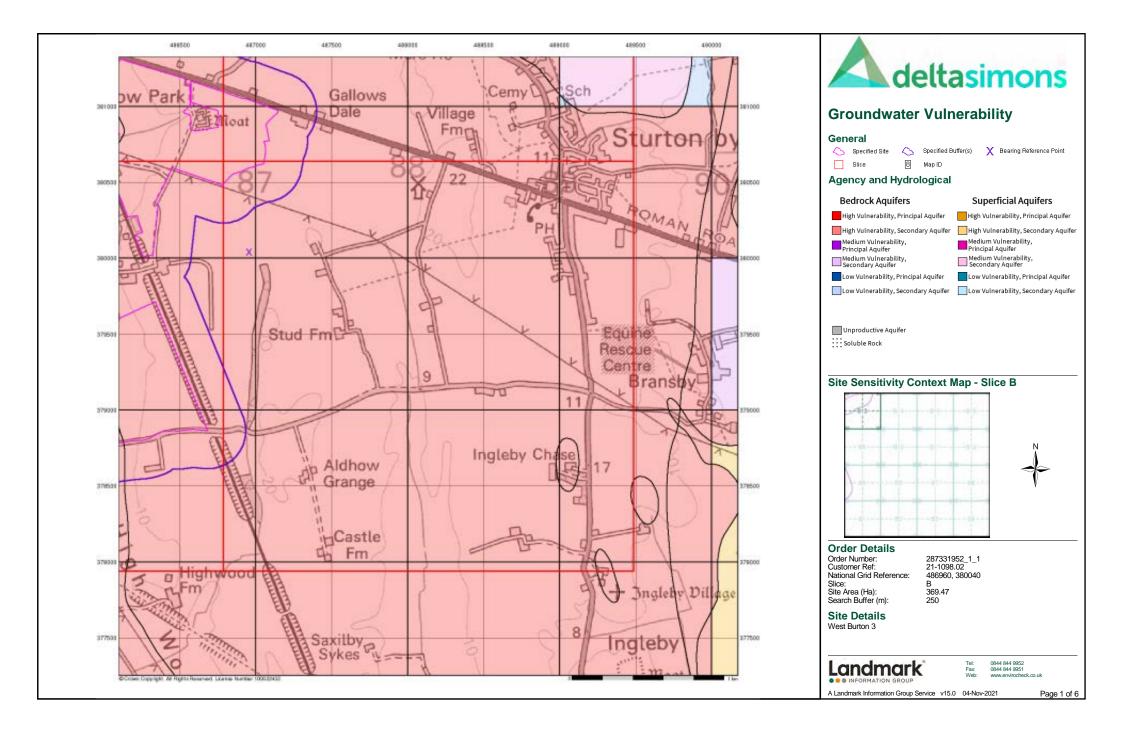


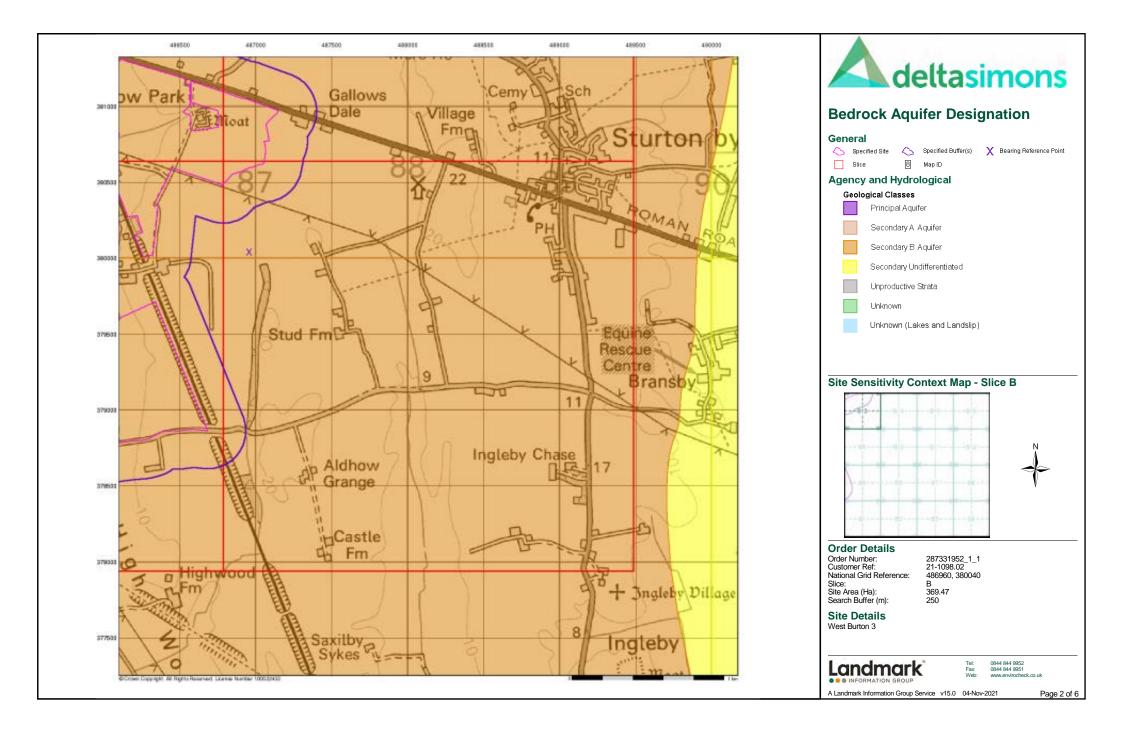


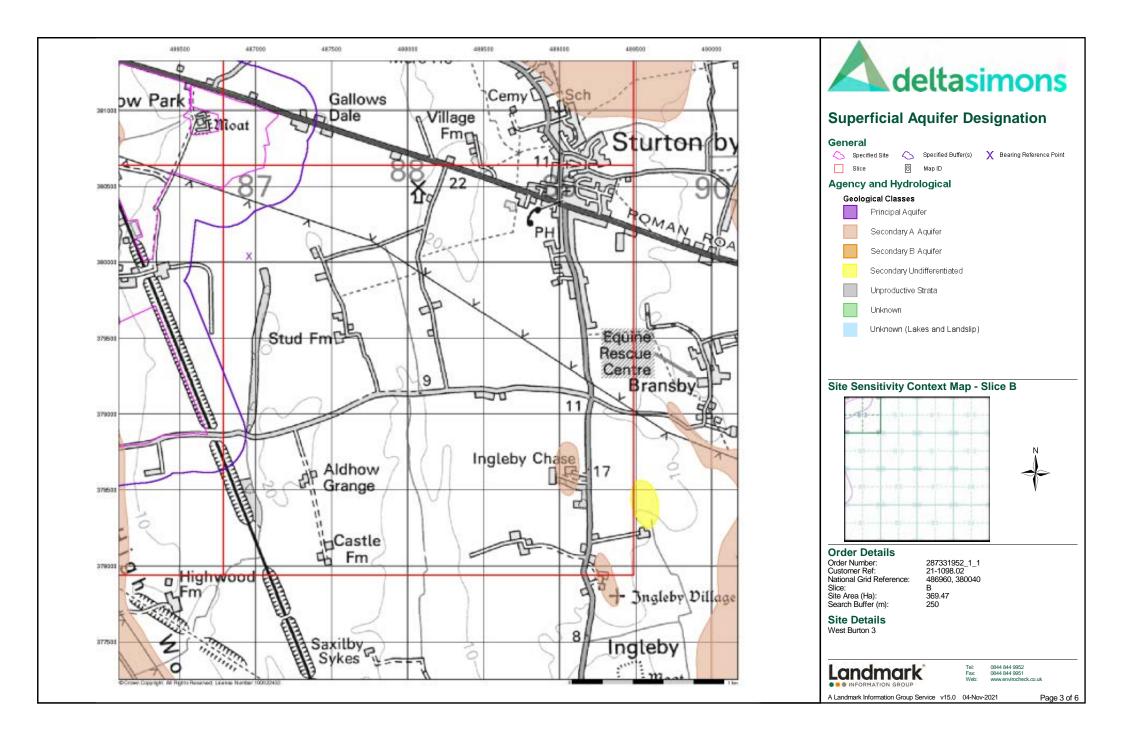


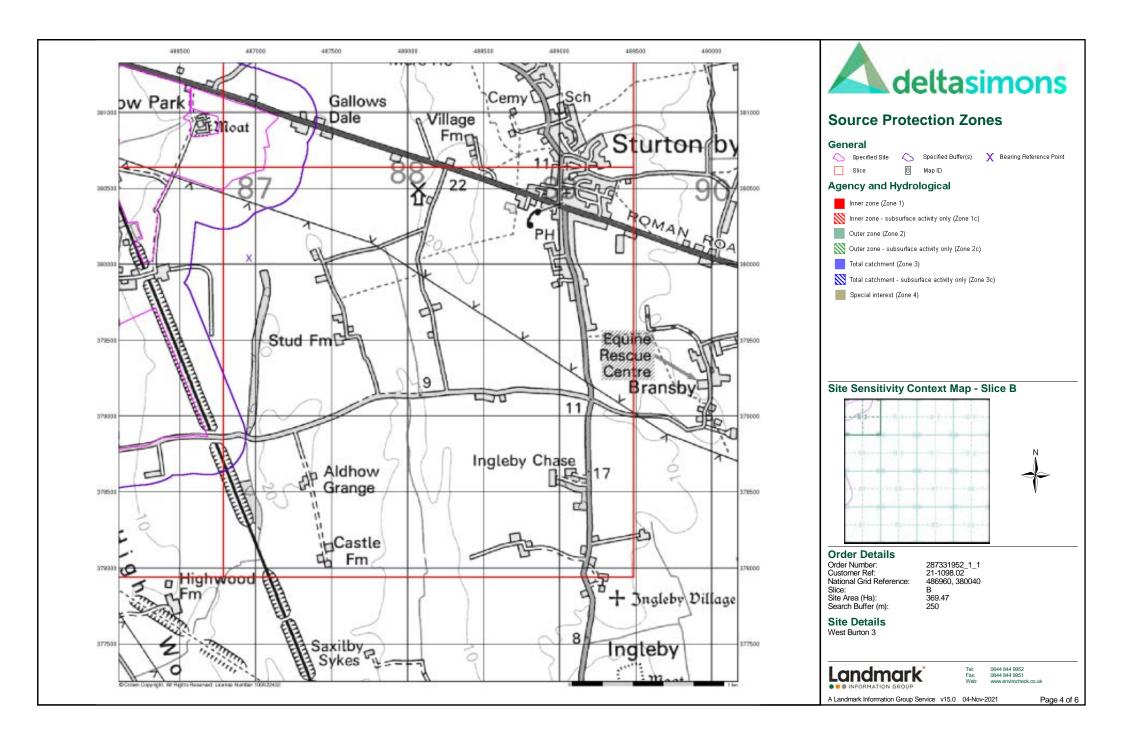


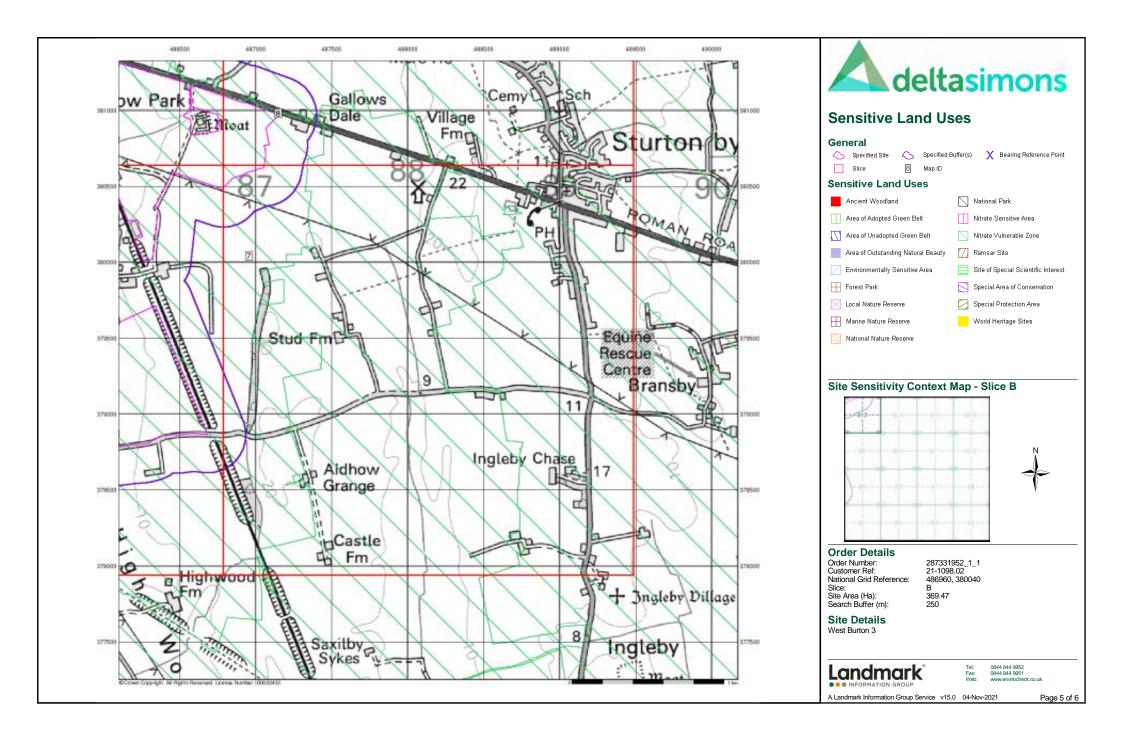


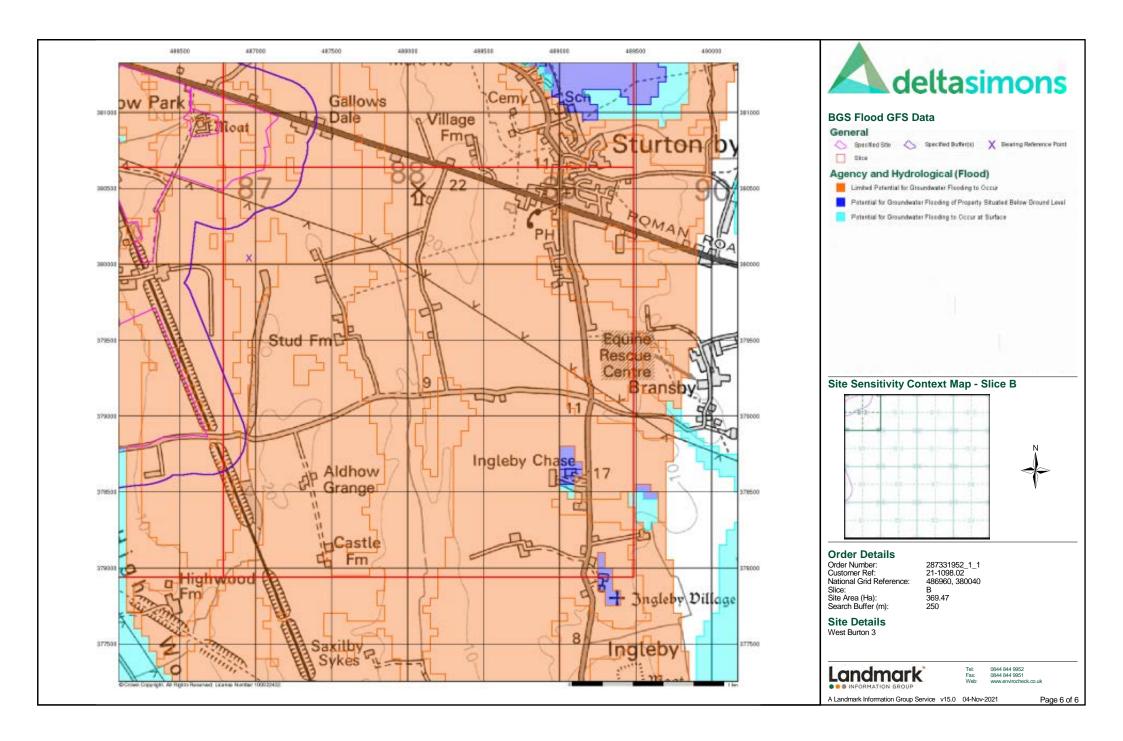














## **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

287331952_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

485360, 381210

Slice:

С

Site Area (Ha):

369.47

Search Buffer (m):

250

#### **Site Details:**

West Burton 3

### **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	16
Hazardous Substances	-
Geological	17
Industrial Land Use	20
Sensitive Land Use	21
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Useful Contacts	29

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 3		4
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 4	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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 4	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a
Superficial Aquifer Designations	pg 11	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 12	Yes	
Flooding from Rivers or Sea without Defences	pg 12	Yes	Yes
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 12	18	11



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 16	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			



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



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 21	3	
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	C5SE (NW)	0	1	484750 381500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C6SW (NW)	0	1	485000 381450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NE (W)	0	1	485250 381208
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (E)	0	1	486250 381200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4NW (E)	0	1	486300 381200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C1NE (W)	0	1	484650 381300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C5SE (NW)	0	1	484750 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C6SW (NW)	0	1	484800 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C5SE (NW)	0	1	484650 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C5NE (NW)	0	1	484600 381700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C1NE (W)	0	1	484450 381000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SE (NE)	0	1	486000 381550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NW (W)	0	1	485000 381208
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C1NE (W)	0	1	484450 381050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C1SE (W)	0	1	484450 380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C1SE (W)	0	1	484500 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C3SE (SE)	0	1	486100 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C1SE (SW)	0	1	484550 380800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	484700 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C1SE (SW)	0	1	484550 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	484650 380400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	486150 380300

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility	(0)	0	1	405050
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485359 380500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	C3SE (SE)	0	1	485950 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	486000
	BGS Groundwater Flooding Susceptibility				380600
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	C2NE (SW)	0	1	485300 381150
	BGS Groundwater Flooding Susceptibility	C2NE	0	1	495300
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	485300 381100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485000
	BGS Groundwater Flooding Susceptibility				380000
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485350 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485359
	BGS Groundwater Flooding Susceptibility				380150
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	485359 380000
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	C1SE (W)	0	1	484500 380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	484650
	BGS Groundwater Flooding Susceptibility				380200
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	0	1	484700 380050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	486900
	BGS Groundwater Flooding Susceptibility	, ,			380900
	Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C1SE (W)	0	1	484450 380850
	BGS Groundwater Flooding Susceptibility				
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(E)	0	1	486900 380750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C4SW (SE)	0	1	486300 380800
	BGS Groundwater Flooding Susceptibility	(SE)			380800
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	486050 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	C7SW	0	1	485750
	BGS Groundwater Flooding Susceptibility	(NE)	_	•	381550
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SE)	0	1	485950 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW)	0	1	484650
		(344)	0	1	380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(S)	0	1	485400 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	C2NE (W)	0	1	485359 381208

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Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property	Situated Below Ground Level	C1SE (SW)	0	1	484600 380650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at	Surface	C5NE (NW)	19	1	484600 381850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to C	Occur	C8SW (NE)	22	1	486200 381650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property	Situated Below Ground Level	C3SE (SE)	35	1	485900 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to C	Occur	C5NE (NW)	60	1	484550 381900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to C	Occur	(E)	113	1	487200 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to C	Occur	(E)	132	1	487200 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property	Situated Below Ground Level	C3SE (SE)	152	1	485850 380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to C	Occur	(SE)	171	1	486800 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property  BGS Groundwater Flooding Susceptibility	Situated Below Ground Level	C5NW (NW)	203	1	484350 381950
	Flooding Type: Potential for Groundwater Flooding of Property	Situated Below Ground Level	C9SE (NW)	240	1	484750 382050
1	Discharge Consents  Operator: F O Willoughby Property Type: Not Given Location: Stow Park, Sturton By Stow, GAINSBOROUGHAuthority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/69/1233 /1 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 8th July 1969 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Groundwater Environment: Receiving Water: Not Supplied	1, Lincolnshire	C7SW (NE)	29	2	485600 381500
	Status: Not Supplied Positional Accuracy: Located by supplier to within 100m  Discharge Consents					
2	Operator: R J Brader Property Type: Not Given Location: New Bungalow, Tillbridge Lane, STOW PARK, Authority: Environment Agency, Midlands Region Catchment Area: Not Given Reference: 3/28/69/0924 /1 Permit Version: Not Supplied Issued Date: 29th May 1968 Revocation Date: Discharge Type: Sewage Effluent Discharge Groundwater Environment: Receiving Water: Status: Not Supplied Positional Accuracy: Located by supplier to within 100m	Lincolnshire	C4NW (E)	72	2	486400 381300

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
3	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	A F PIc T/A A F Fuels SALE OF MOTOR VEHICLES/MAINTENANCE + REPAIR Stow Park Station, Stow, Lincolnshire Environment Agency, Midlands Region Trent Catchment: Trent To Confluence With Idle T/69/14436/Tg 2 2nd April 2012 2nd April 2012 2nd April 2012 Not Supplied Trade Effluent Discharge-Site Drainage Land/Soakaway Underground Strata Varied under EPR 2010 Located by supplier to within 100m	C3NE (E)	191	2	485800 381300
3	Discharge Consent Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	A F PIc T/A A F Fuels SALE OF MOTOR VEHICLES/MAINTENANCE + REPAIR Stow Park Station, Stow, LincoInshire Environment Agency, Midlands Region Trent Catchment: Trent To Confluence With Idle T/69/14436/Tg 1 4th July 1975 4th July 1975 4th July 1975 1st April 2012 Trade Effluent Discharge-Site Drainage Land/Soakaway  Underground Strata Pre National Rivers Authority Legislation where issue date < 01/09/1989 Located by supplier to within 100m	C3NE (E)	191	2	485800 381300
	Nearest Surface Wa	nter Feature	C4SE (E)	0	-	486751 380970
	Groundwater Vulner Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Superficial Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year >70% <90%  3-10m  High	C1SE (W)	0	3	484503 380874
	Groundwater Vulne Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	rability Map Secondary Bedrock Aquifer - High Vulnerability High Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year >70% <90% <3m High	C1NE (W)	0	3	484448 381000



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	C6SW	0	3	484773
	Classification: Combined	High	(NW)			381544
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	(SW)	0	3	484689 380000
	Combined Vulnerability:	High				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial	>90%				
	Patchiness: Superficial	3-10m				
	Thickness:	3-10111				
	Superficial Recharge:	High				
	Groundwater Vulne	orahility Man				
	Combined	Secondary Superficial Aguifer - High Vulnerability	C1SW	0	3	484393
	Classification:	Secondary Superiolal Aquiler - Flight Vullierability	(W)		3	380863
	Combined	High				
	Vulnerability:	Described Described Described Described Constitution Association				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer High				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness:					
	Superficial	3-10m				
	Thickness:	Lligh				
	Superficial Recharge:	High				
	Groundwater Vulne					
	Combined Classification:	Secondary Superficial Aquifer - High Vulnerability	(S)	0	3	485392 380000
	Combined Vulnerability:	High				
	Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial	<90%				
	Patchiness: Superficial	<3m				
	Thickness:					
	Superficial	Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	C2NE	0	3	485359
	Classification: Combined	High	(W)			381208
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year >70% <90%				
	Superficial Thickness: Superficial Recharge:	<3m Low				
	-	and the same				
	Groundwater Vulne Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C3NE (E)	0	3	486000 381191
	Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	High  Productive Bedrock Aquifer, Productive Superficial Aquifer Low  Well Connected Fractures <300 mm/year 40-70% <90%				
	Superficial Thickness: Superficial	<3m No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge: Groundwater Vulne	Secondary Superficial Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, Productive Superficial Aquifer High Well Connected Fractures <300 mm/year >70% <90%  <3m Low	C2NE (S)	0	3	485359 381000
	Combined	Secondary Bedrock Aquifer - High Vulnerability	C3NE	0	3	486000
	Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	High Productive Bedrock Aquifer, Productive Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% <90% <3m No Data	(E)	U	3	486000 381000

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C1SE (SW)	0	3	484466 380708
	Combined Vulnerability:	High	(0.1.)			000.00
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Unproductive Superficial Aquifer High				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	•				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C1SW (SW)	0	3	484421 380779
	Combined Vulnerability: Combined Aquifer:	High  Productive Bedrock Aquifer, Unproductive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C1NE (W)	0	3	484501 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures				
	Dilution: Baseflow Index:	verification of the conference of the confere				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	High				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C1SE (SW)	0	3	484566 380866
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer High Well Connected Fractures				
	Dilution: Baseflow Index:	viel Connected Fractures <300 mm/year >70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	High				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	484740 380000
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% >90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	High				
	Recharge:  Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(SE)	0	3	485931 380000
	Combined Vulnerability:	High				30000
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(S)	0	3	485359 380000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(SE)	0	3	486000 380000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% <90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	(S)	0	3	485000
	Classification: Combined	Medium				380000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	High Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial	>90%				
	Patchiness: Superficial	3-10m				
	Thickness:	3-10111				
	Superficial	High				
	Recharge:	3				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	C2NW	0	3	485000
	Classification: Combined	High	(SW)			381000
	Vulnerability:	High				
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	High				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial	<90%				
	Patchiness:					
	Superficial	3-10m				
	Thickness: Superficial	Lligh				
	Recharge:	High				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	C2NE	0	3	485314
	Classification:	η ,	(S)			381000
	Combined	High				
	Vulnerability: Combined Aquifer:	Draduativa Padrock Aquifor No Superficial Aquifor				
	Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial Recharge:	Low				
	-	and the same				
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - High Vulnerability	(SE)	0	3	486000
	Classification:	Occordary Decirook Aquiler - Flight Vulliciability	(SL)		3	380547
	Combined	High				
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer High				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	>70%				
	Superficial Patchiness:	<90%				
	Patchiness: Superficial	<3m				
	Thickness:	Som				
	Superficial	Low				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C3NE (E)	0	3	486070 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	The Build				
	Groundwater Vulne	•	(5)			407000
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(E)	0	3	487000 381000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne					
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C2NW (W)	0	3	485000 381208
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	High				
	Recharge:	5				
	Groundwater Vulne			_	_	
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	C2NE (W)	0	3	485270 381185
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	Low				
	Recharge:	LOW				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne Combined Classification:	rability Map Secondary Bedrock Aquifer - High Vulnerability	C3NE (E)	0	3	486000 381208
	Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	High  Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% <90%  <3m  No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	Secondary Bedrock Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, No Superficial Aquifer Low  Well Connected Fractures <300 mm/year 40-70% <90%  <3m  No Data	(E)	0	3	487000 381208
		erability - Soluble Rock Risk				
	None					
	Bedrock Aquifer De Aquifer Designation:	signations Secondary Aquifer - Undifferentiated	C1SE (SW)	0	3	484566 380866
	Bedrock Aquifer De Aquifer Designation:	ssignations Secondary Aquifer - B	(S)	0	3	485000 380000
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - B	(S)	0	3	485359 380000
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - B	C2NW (W)	0	3	485000 381208
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - B	C1SW (W)	0	3	484393 380863
		Secondary Aquifer - B	C2NE (W)	0	3	485359 381208
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	(SW)	0	3	484740 380000
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	(SW)	0	3	484689 380000
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	(S)	0	3	485392 380000
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	C1SE (W)	0	3	484503 380874
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	C2NE (W)	0	3	485359 381208
	Superficial Aquifer Aquifer Designation:	<b>Designations</b> Secondary Aquifer - A	C6SW (NW)	0	3	484773 381544

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Superficial Aquifer Designations Aquifer Designation: Unproductive Strata	C1SE (SW)	0	3	484466 380708
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C2NE (W)	0	2	485359 381208
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C2NE (W)	0	2	485359 381208
	Flooding from Rivers or Sea without Defences  Type: Extent of Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	C6NE (N)	209	2	485340 381790
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 143.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (SE)	0	4	486490 380662
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 400.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	0	4	486758 380929
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 124.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SE (SE)	0	4	485969 380744
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 8.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (SE)	0	4	486490 380662
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 189.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (SE)	0	4	486494 380673
9	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 667.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SE (SE)	0	4	485969 380744



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 526.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	0	4	486768 380968
	OS Water Network Lines				
11	Watercourse Form: Inland river Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	0	4	486756 380937
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	C4SE (E)	0	4	486751 380970
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	0	4	486762 380969
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	0	4	486751 380970
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 128.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NE (E)	0	4	486626 380987
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1178.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3NW (E)	0	4	485600 381262
17	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 923.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (SW)	0	4	485255 381069
18	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 195.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C2NE (W)	0	4	485351 381207



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 429.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SW (SE)	0	4	485646 380954
	OS Water Network Lines				
20	Watercourse Form: Inland river Watercourse Length: 353.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SE (SE)	0	4	485801 380682
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 33.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C3SE (SE)	0	4	485903 380702
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 168.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4SE (E)	9	4	486580 380861
23	OS Water Network Lines  Watercourse Form: Lake Watercourse Length: 36.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NE (E)	20	4	486592 380988
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 19.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C4NE (E)	21	4	486576 380979
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 324.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7SW (E)	132	4	485736 381356
26	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 276.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C10SW (NW)	140	4	485035 381990
27	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 204.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C7SW (NE)	176	4	485750 381455



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
28	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1040.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	C1SW (W)	201	4	484168 380946
29	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 27.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C1NW (W)	204	4	484272 381246
30	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C1NW (W)	230	4	484258 381269
31	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C1NW (W)	235	4	484256 381273
32	OS Water Network Lines  Watercourse Form: Lake Watercourse Length: 4.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	C1NW (W)	244	4	484252 381282

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### **Waste**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	5	485359 381208
	Local Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	6	485359 381208

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## **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Lias Group	C2NE (W)	0	1	485359 381208
	BGS 1:625,000 Solid	d Geology				
	Description:	Triassic Rocks (Undifferentiated)	C1SE (W)	0	1	484505 380916
	BGS Estimated Soil	Chemistry	(11)			0000.0
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	C2NE (W)	0	1	485359 381208
	Concentration: Chromium	20 - 40 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:					
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	C6SW (NW)	0	1	484773 381544
	Cadmium Concentration: Chromium	<1.8 mg/kg 20 - 40 mg/kg				
	Concentration: Lead Concentration: Nickel Concentration:	<100 mg/kg <15 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration: Cadmium	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg <1.8 mg/kg	C1SE (W)	0	1	484503 380874
	Concentration: Chromium Concentration: Lead Concentration:	20 - 40 mg/kg <100 mg/kg				
	Nickel Concentration:	<15 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil 15 - 25 mg/kg	C1SW (SW)	0	1	484421 380779
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <100 mg/ka				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	C2NE (W)	0	1	485270 381185
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	60 - 90 mg/kg <100 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	C1SW (W)	0	1	484392 380863
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	40 - 60 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	C1SE (SW)	0	1	484466 380708
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	15 - 30 mg/kg				
	BGS Measured Urb No data available	an Soil Chemistry				
	BGS Urban Soil Ch	omistry Averages				
	No data available	emistry Averages				
	Coal Mining Affecte In an area that might	nd Areas not be affected by coal mining				
	Non Coal Mining Ar	eas of Great Britain				
	No Hazard					
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C1SE (SW)	0	1	484466 380708
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
	Potential for Compi	ressible Ground Stability Hazards High	C1SE	0	1	484466
	Source:	British Geological Survey, National Geoscience Information Service	(SW)	•		380708
	Potential for Compi Hazard Potential:	ressible Ground Stability Hazards No Hazard	C2NE	0	1	485359
	Source:	British Geological Survey, National Geoscience Information Service	(W)			381208
	Hazard Potential: Source:	ressible Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
		d Dissolution Stability Hazards	(**)			001200
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
		d Dissolution Stability Hazards	` '			
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208
		lide Ground Stability Hazards	, ,			
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
		lide Ground Stability Hazards	(,			
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential:	Low British Geological Survey, National Geoscience Information Service	C1SE (W)	0	1	484548 380892



## **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C1SE (W)	0	1	484503 380874
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485270 381185
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C6SW (NW)	0	1	484773 381544
	Potential for Runnir	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	C1SE (SW)	14	1	484430 380723
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	C2NW (W)	0	1	485000 381208
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	C1SE (SW)	0	1	484459 380739
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	C1SW (W)	4	1	484393 380863
	Radon Potential - R	adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).	C2NW (W)	0	1	485000 381208
	Source:	British Geological Survey, National Geoscience Information Service				
	Radon Potential - R Affected Area:	adon Affected Areas  The property is in a Lower probability radon area (less than 1% of homes are	C2NE	0	1	485359
	Source:	estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	(W)	0	1	381208
	Radon Potential - R	adon Protection Measures				
	Protection Measure:	No radon protective measures are necessary in the construction of new dwellings or extensions	C2NW (W)	0	1	485000 381208
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures				
	Protection Measure: Source:	No radon protective measures are necessary in the construction of new dwellings or extensions  British Geological Survey, National Geoscience Information Service	C2NE (W)	0	1	485359 381208

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### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
33	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	S & T Scott The Chillon, Stow Park, Lincoln, LN1 2AL Road Haulage Services Inactive Automatically positioned to the address	C7SW (N)	37	-	485479 381562
	Contemporary Trad	e Directory Entries				
34	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Marrone'S 20, Stow Park Road, Marton, Gainsborough, DN21 5AG Carpet, Curtain & Upholstery Cleaners Inactive Automatically positioned to the address	C5NW (NW)	247	-	484283 381908
	Points of Interest - I	Manufacturing and Production				
35	Class Code:	Tanks LN1 Industrial Features Tanks (Generic) Positioned to an adjacent address or location	C7SW (NE)	139	7	485711 381363

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### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
36	Name: Description: Source:	R Trent From Carlton-On-Trent To Laughton Drain Nvz Surface Water Environment Agency, Head Office	C2NE (W)	0	3	485359 381208
	Nitrate Vulnerab	le Zones				
37	Name: Description: Source:	Marton Drain Catchment (Trib Of R Trent) Nvz Surface Water Environment Agency, Head Office	C2SW (SW)	0	3	484842 380828
	Nitrate Vulnerab	le Zones				
38	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	C8SW (NE)	0	3	486228 381570

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bassetlaw District Council - Environmental Health Department	January 2020	Annual Rolling Updat
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Updat
Discharge Consents		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Environment Agency - Midlands Region	March 2013	
ntegrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Environment Agency - Midlands Region	January 2009	
ntegrated Pollution Prevention And Control		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
ocal Authority Integrated Pollution Prevention And Control		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
ocal Authority Pollution Prevention and Controls		
Bassetlaw District Council - Environmental Health Department	August 2014	Not Applicable
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Updat
	14070111501 2014	7 tillidai rtolling opdat
Local Authority Pollution Prevention and Control Enforcements	A	\\\-\\\\-\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature Ordnance Survey	August 2021	
	7.tagaot 2021	
Pollution Incidents to Controlled Waters	December 1999	
Environment Agency - Midlands Region Environment Agency - Anglian Region	September 1999	
	September 1999	
Prosecutions Relating to Authorised Processes	lulu 2045	
Environment Agency - Anglian Region	July 2015	
Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	Annually
Environment Agency - Midlands Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Vater Abstractions		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly

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Agency & Hydrological	Version	Update Cycle
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	Quarterly
Environment Agency - Midlands Region	October 2017	Quarterly
Groundwater Vulnerability Map		
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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	Annually

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 23 of 29



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Local Authority Landfill Coverage		,
Bassetlaw District Council - Environmental Health Department	February 2003	Not Applicable
Lincolnshire County Council	February 2003	Not Applicable
Nottinghamshire County Council - Environment Department	February 2003	Not Applicable
West Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bassetlaw District Council - Environmental Health Department	October 2018	
Lincolnshire County Council	October 2018	
Nottinghamshire County Council - Environment Department	October 2018	
West Lindsey District Council - Environmental Health Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Anglian Region - Northern Area	March 2006	Not Applicable
Environment Agency - Midlands Region - East Area	March 2006	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Anglian Region - Northern Area	April 2018	
Environment Agency - Midlands Region - East Area	April 2018	
Environment Agency - Midlands Region - Lower Trent Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Anglian Region - Northern Area	June 2015	
Environment Agency - Midlands Region - East Area	June 2015	
Environment Agency - Midlands Region - Lower Trent Area	June 2015	

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 24 of 29



Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		-1.6
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable
Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
Nottinghamshire County Council	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites	December 2010	7 timidany
British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
	IVIAY 2021	DI-Allilually
CBSCB Compensation District		A
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards	·	-
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		,
British Geological Survey - National Geoscience Information Service	January 2019	Annually
	oundary 2010	7 till daily
Potential for Landslide Ground Stability Hazards	January 2010	Appubly
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		

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

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## **Data Currency**

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 27 of 29



# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	S E PAP
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey MATURAL ENVISORMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Orrio Matural Resources Walks
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 収込分
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>



### **Useful Contacts**

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: [REDACTED]
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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
6	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
7	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]
8	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website:
-	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: [REDACTED]
-	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: [REDACTED]

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
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Not Supplied - Pleistocene
	PEAT	Peat	Peat	Not Supplied - Quaternary
	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	Not Supplied - Rhaetian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic



#### 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

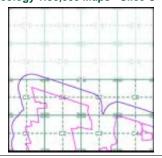
Map ID:

Map Sheet No: Map Name: Market Rasen

1999 Map Date: Available Superficial Geology: Artificial Geology:

Not Available Not Supplied Landslip: Not Available

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



287331952_1_1 21-1098.02

485360, 381210

369.47



#### **Order Details:**

Order Number: Customer Reference: National Grid Reference:

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

#### Site Details:

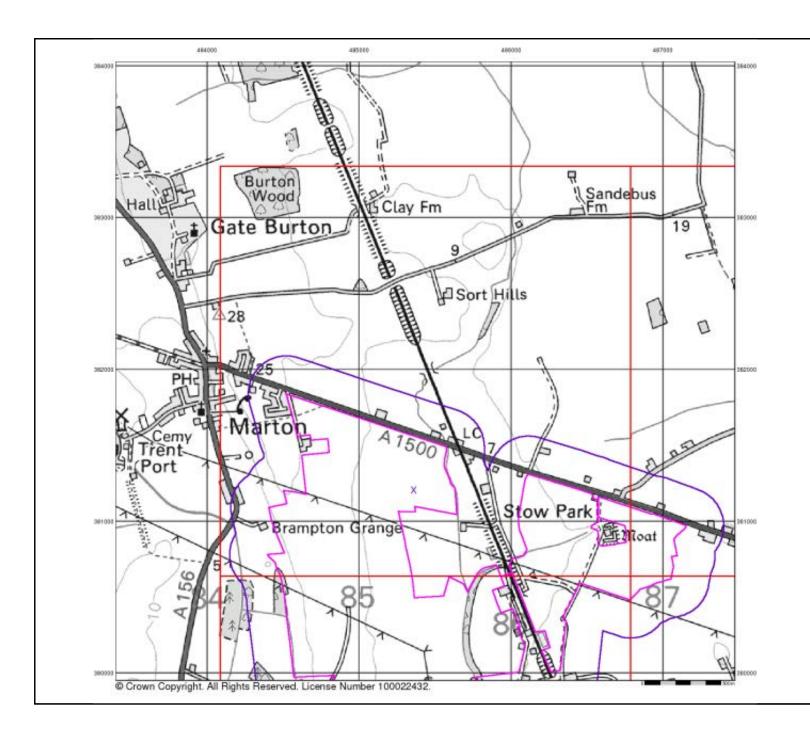
West Burton 3



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v15.0 04-Nov-2021

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#### Artificial Ground and Landslip

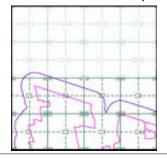
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

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 C





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice:

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

250

287331952_1_1 21-1098.02

485360, 381210

369.47

#### Site Details:

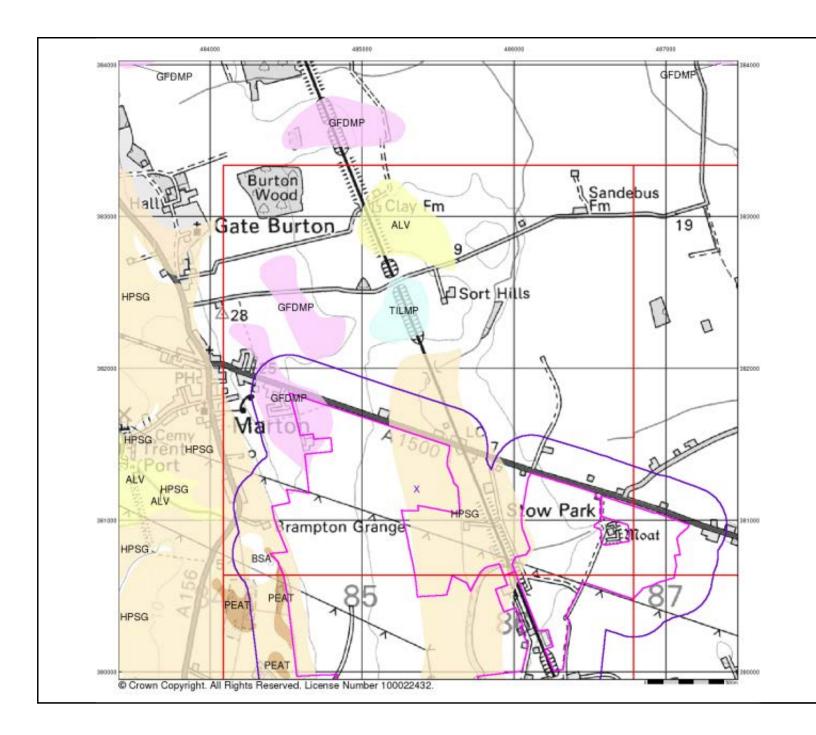
West Burton 3



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v15.0 04-Nov-2021

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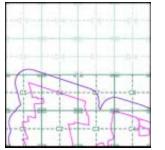
#### Superficial Geology

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 C



287331952_1_1 21-1098.02

485360, 381210 C 369.47

250



### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice:

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

Site Details:

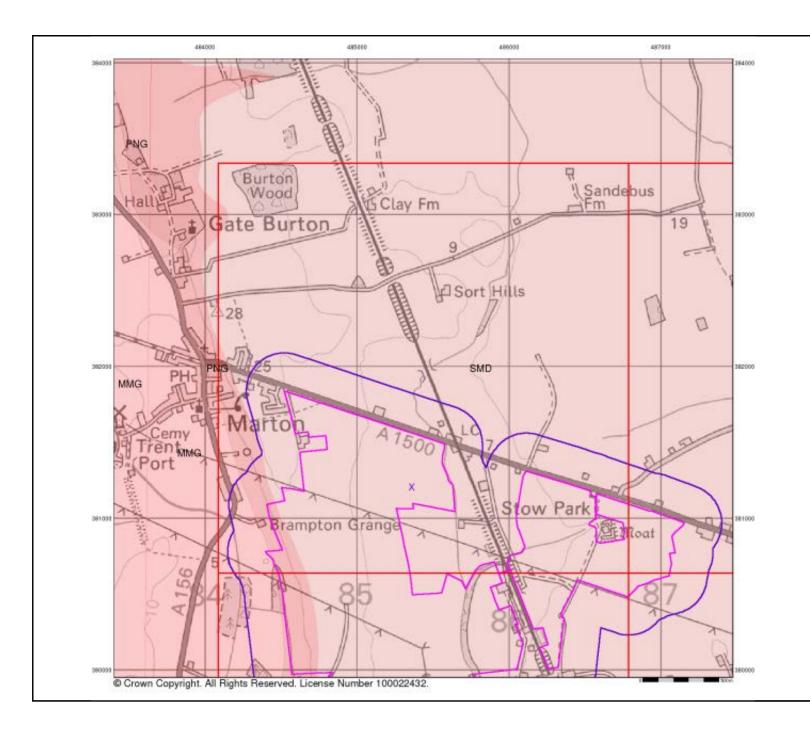
West Burton 3

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v15.0 04-Nov-2021

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#### **Bedrock and Faults**

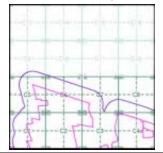
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 C





### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

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485360, 381210

Site Details:

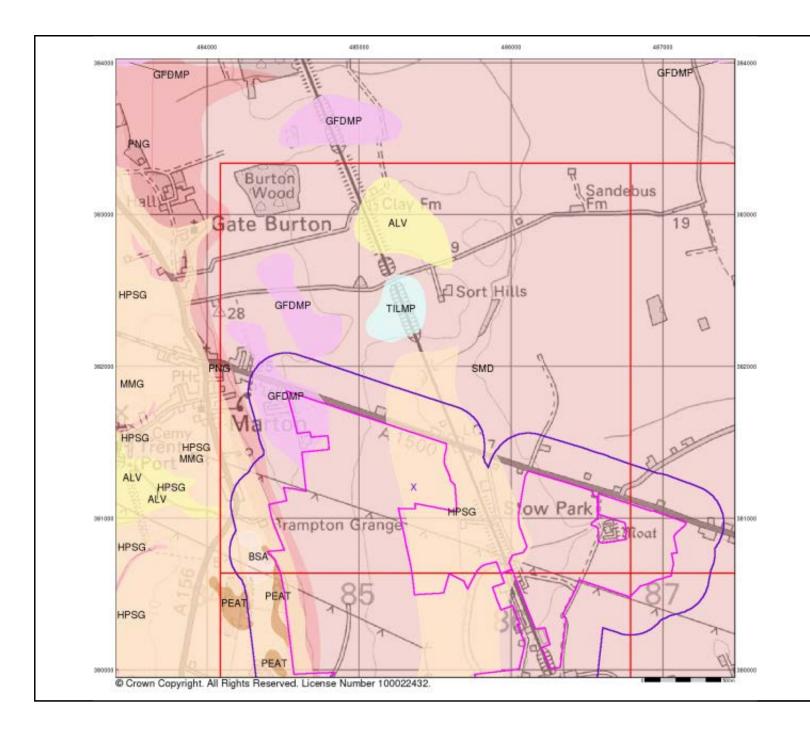
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#### Combined Surface Geology

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.

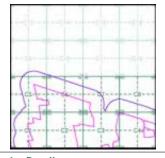
#### **Additional Information**

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: [REDACTED]uk

#### Combined Geology Map - Slice C



#### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice:

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

Site Details: West Burton 3 287331952_1_1 21-1098.02 485360, 381210

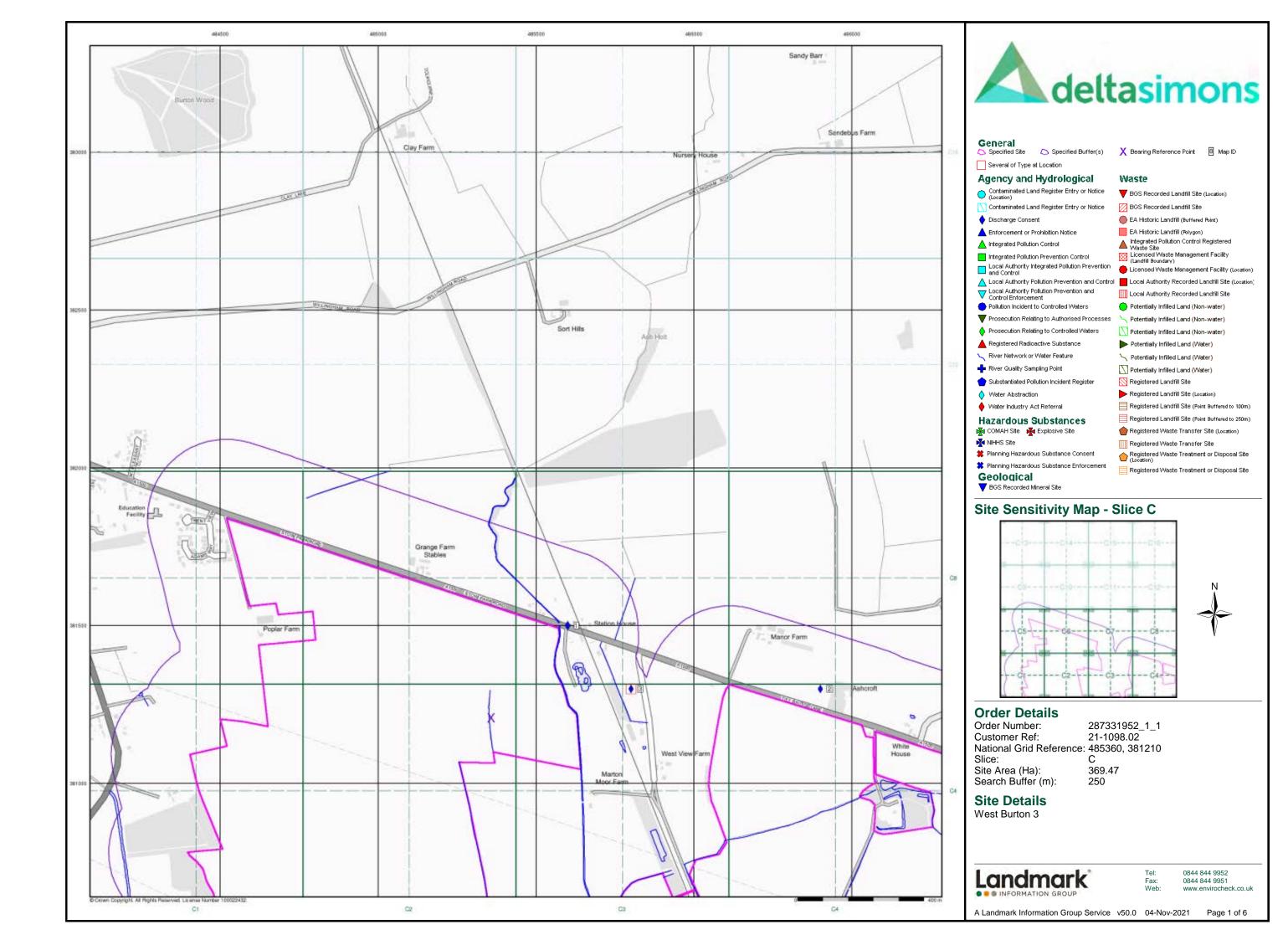
C 369.47 250

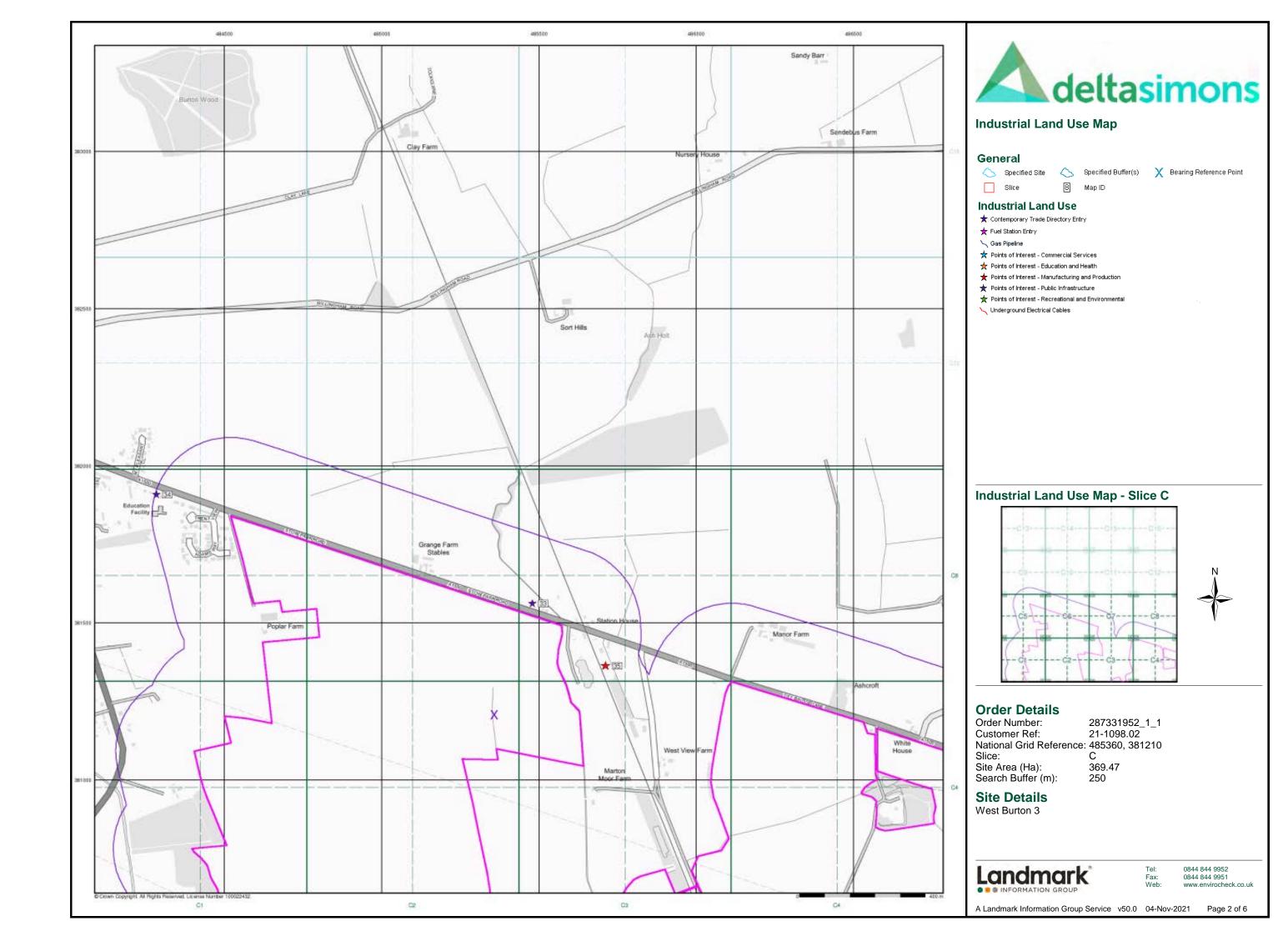


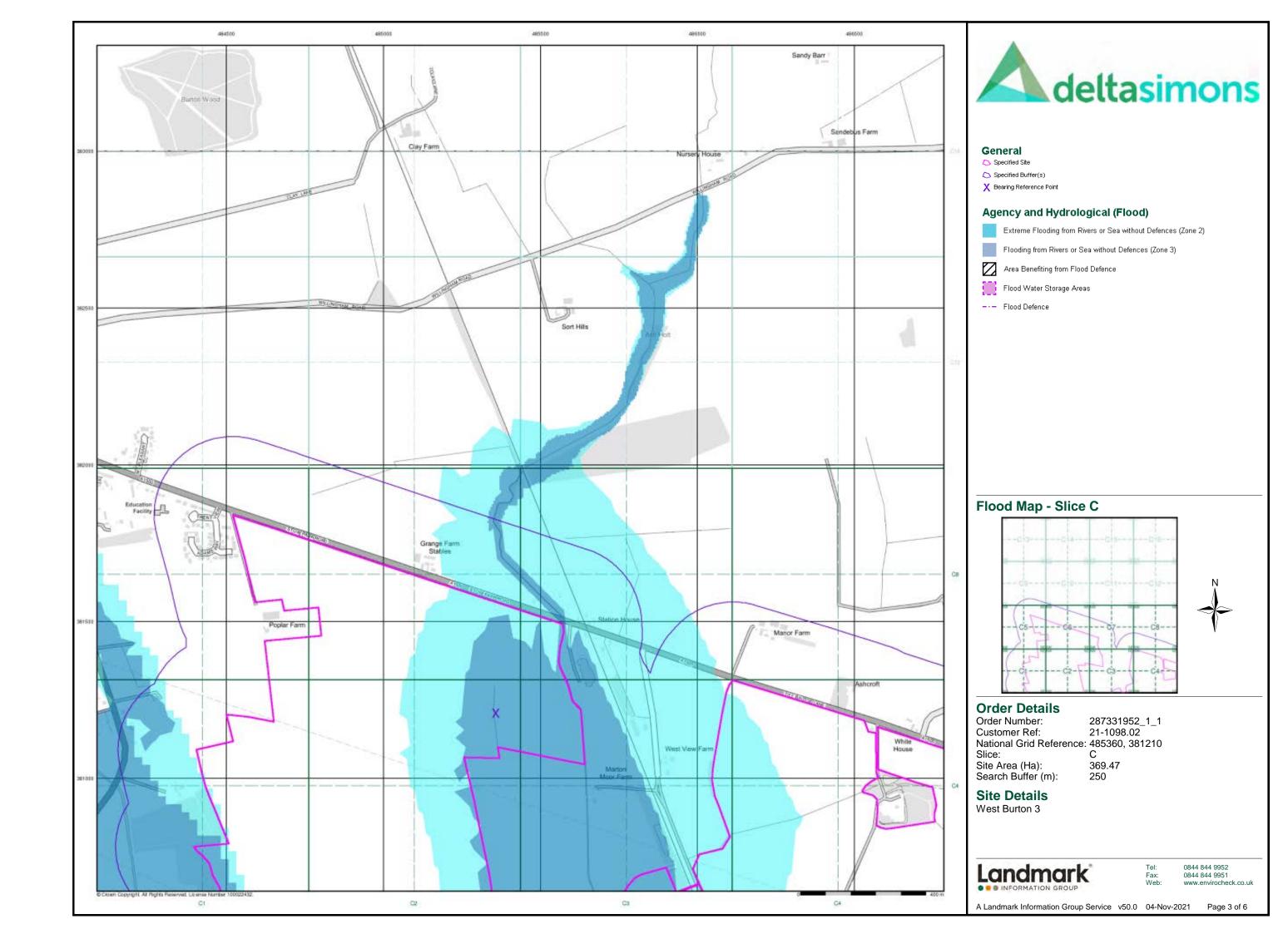
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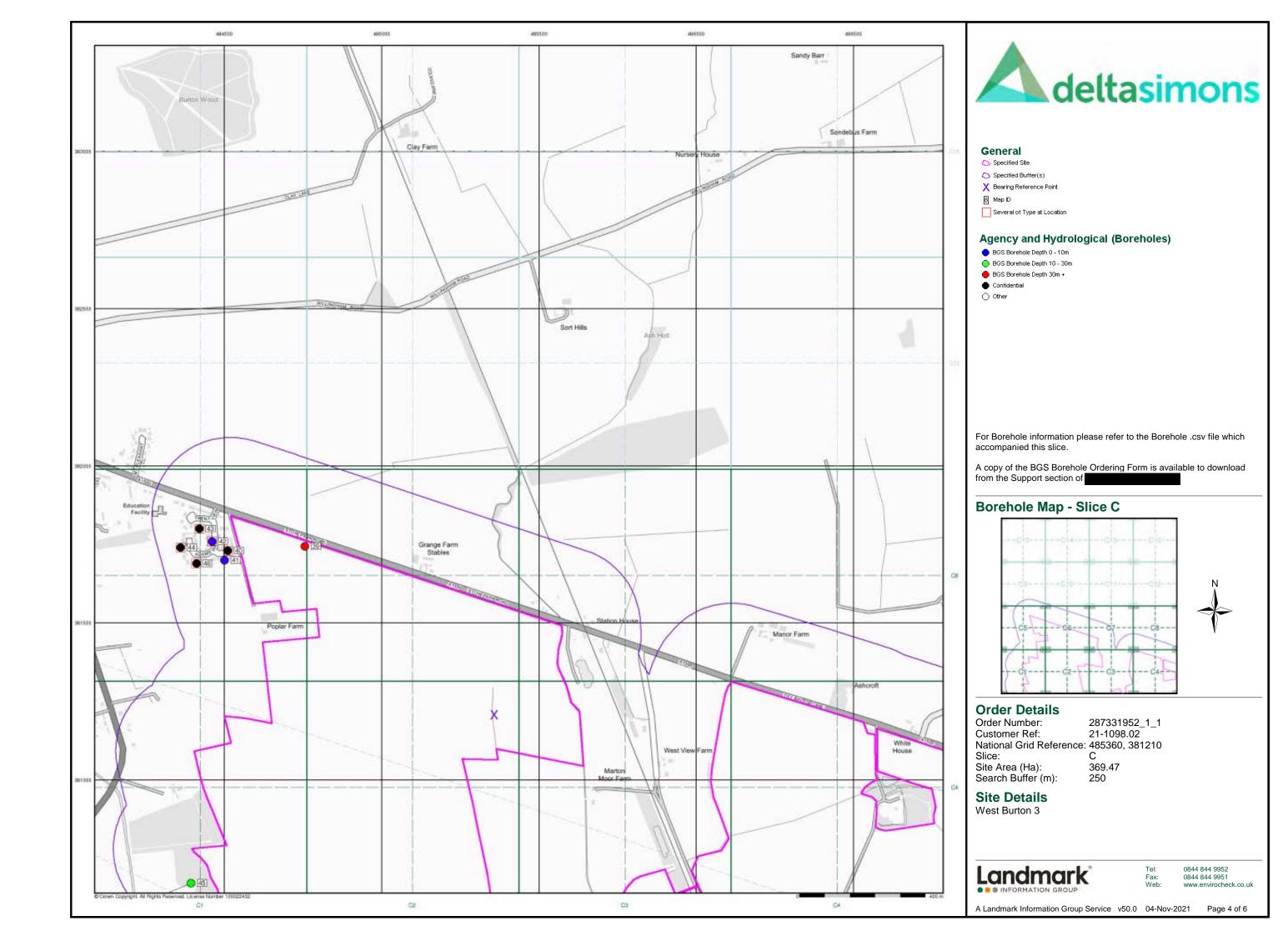
v15.0 04-Nov-2021

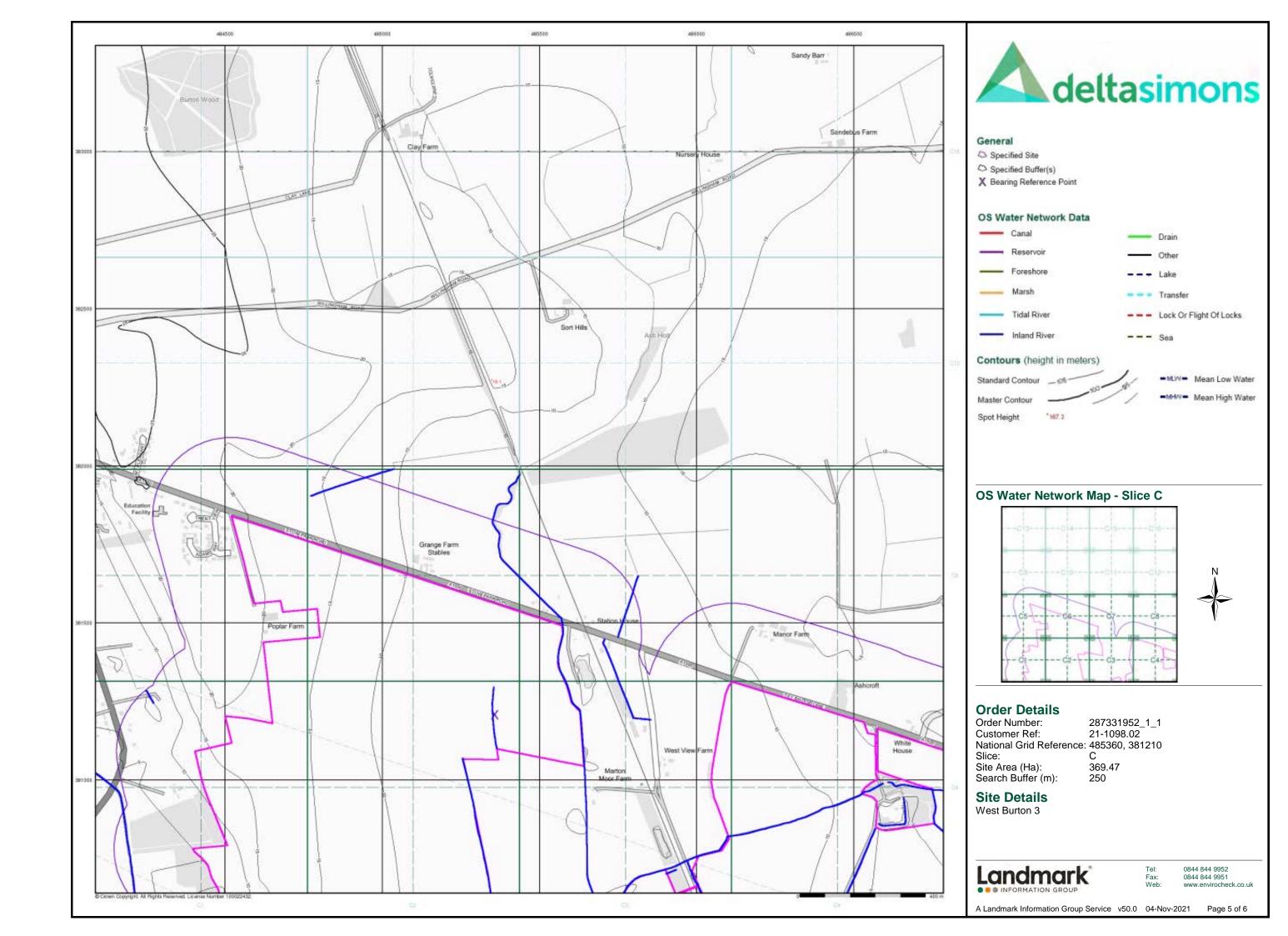
Page 5 of 5

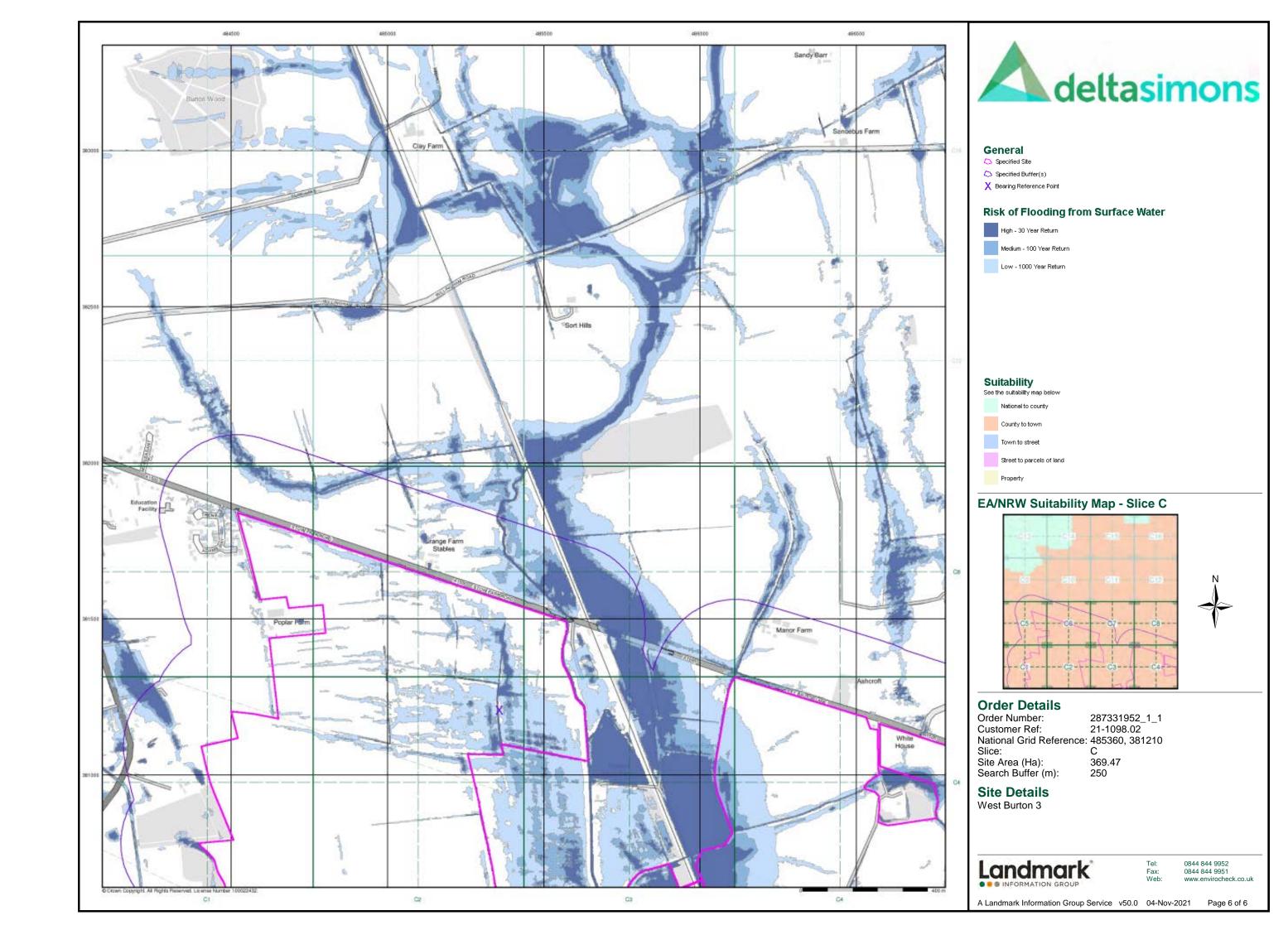


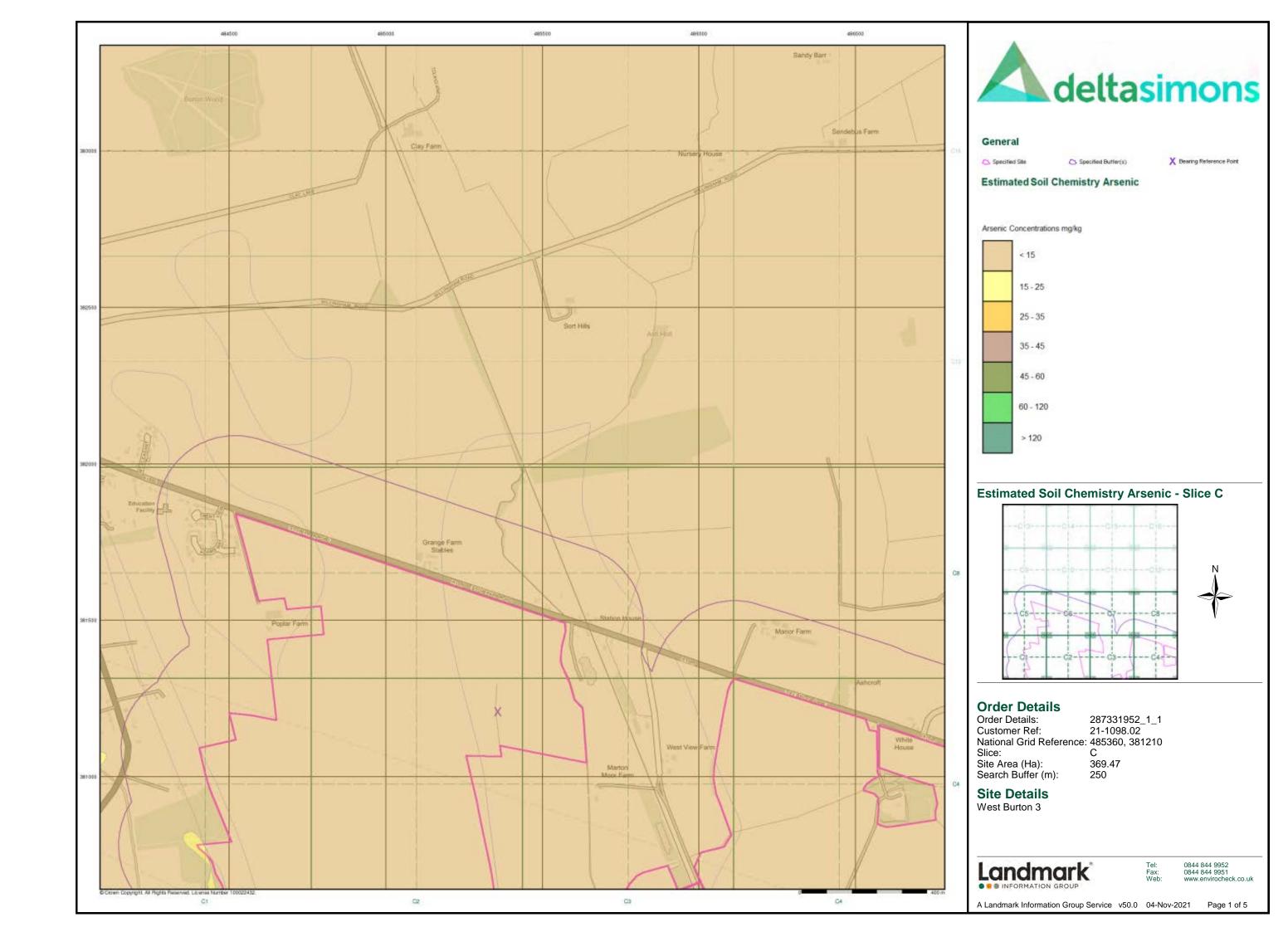


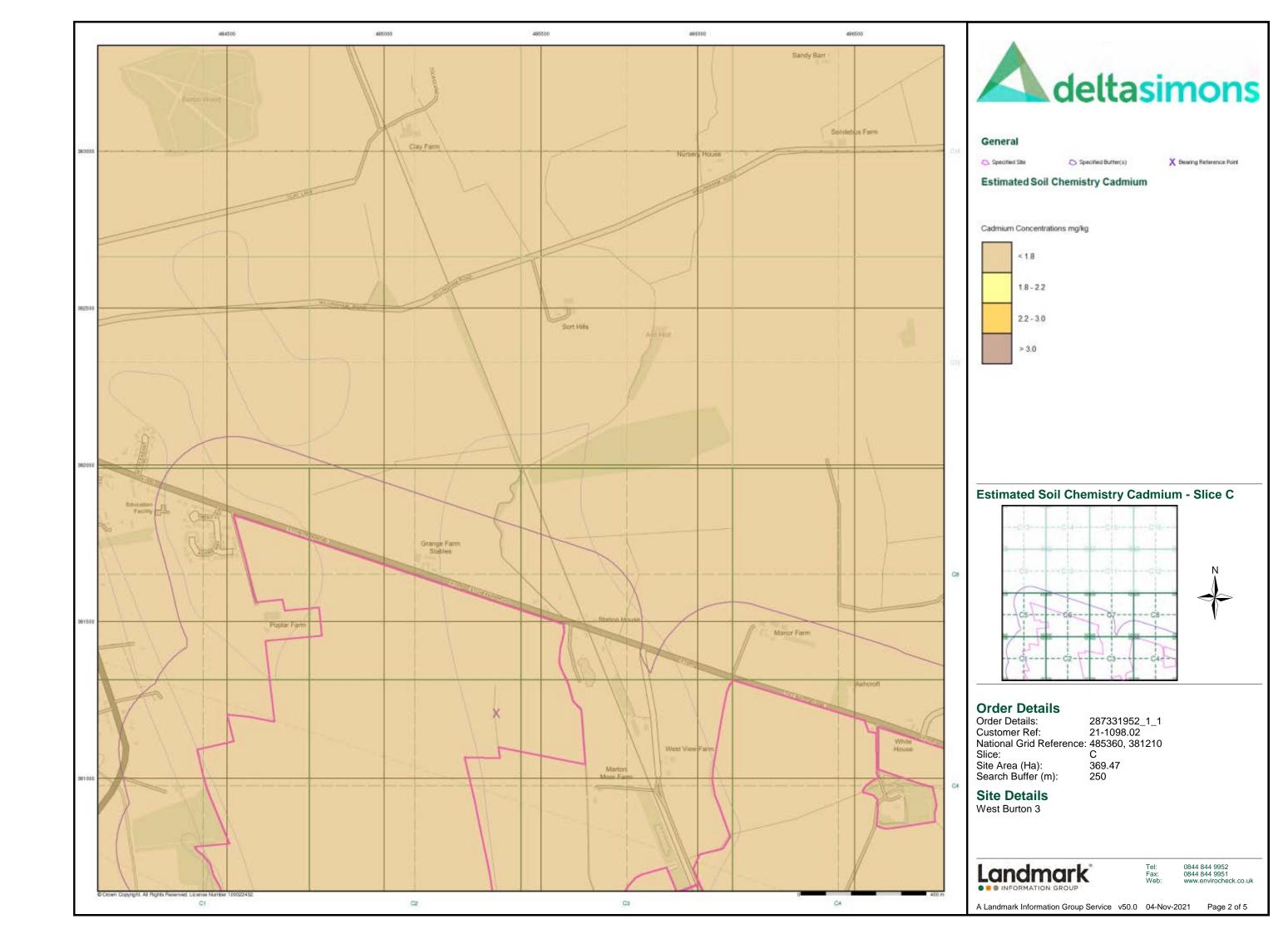


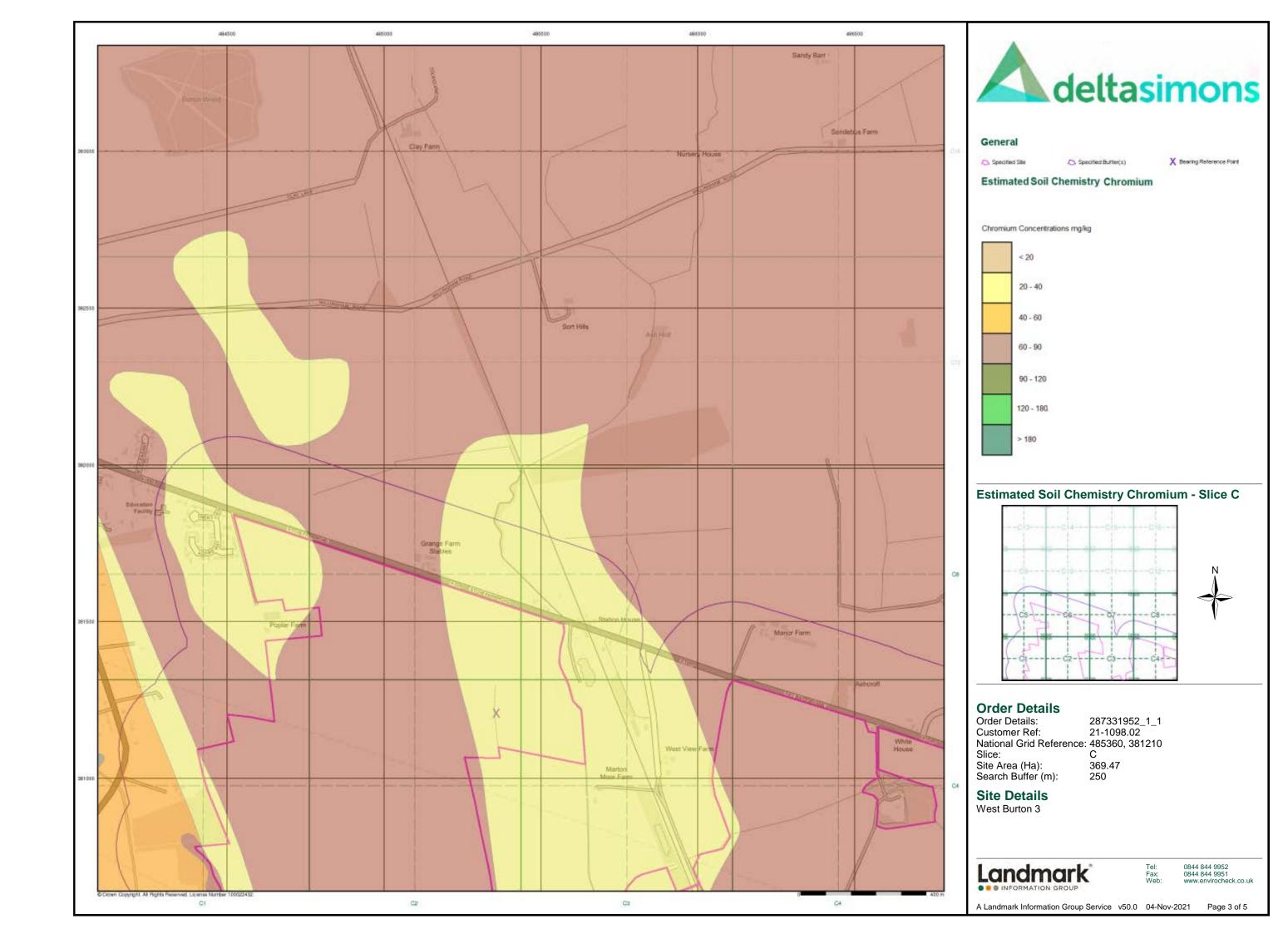


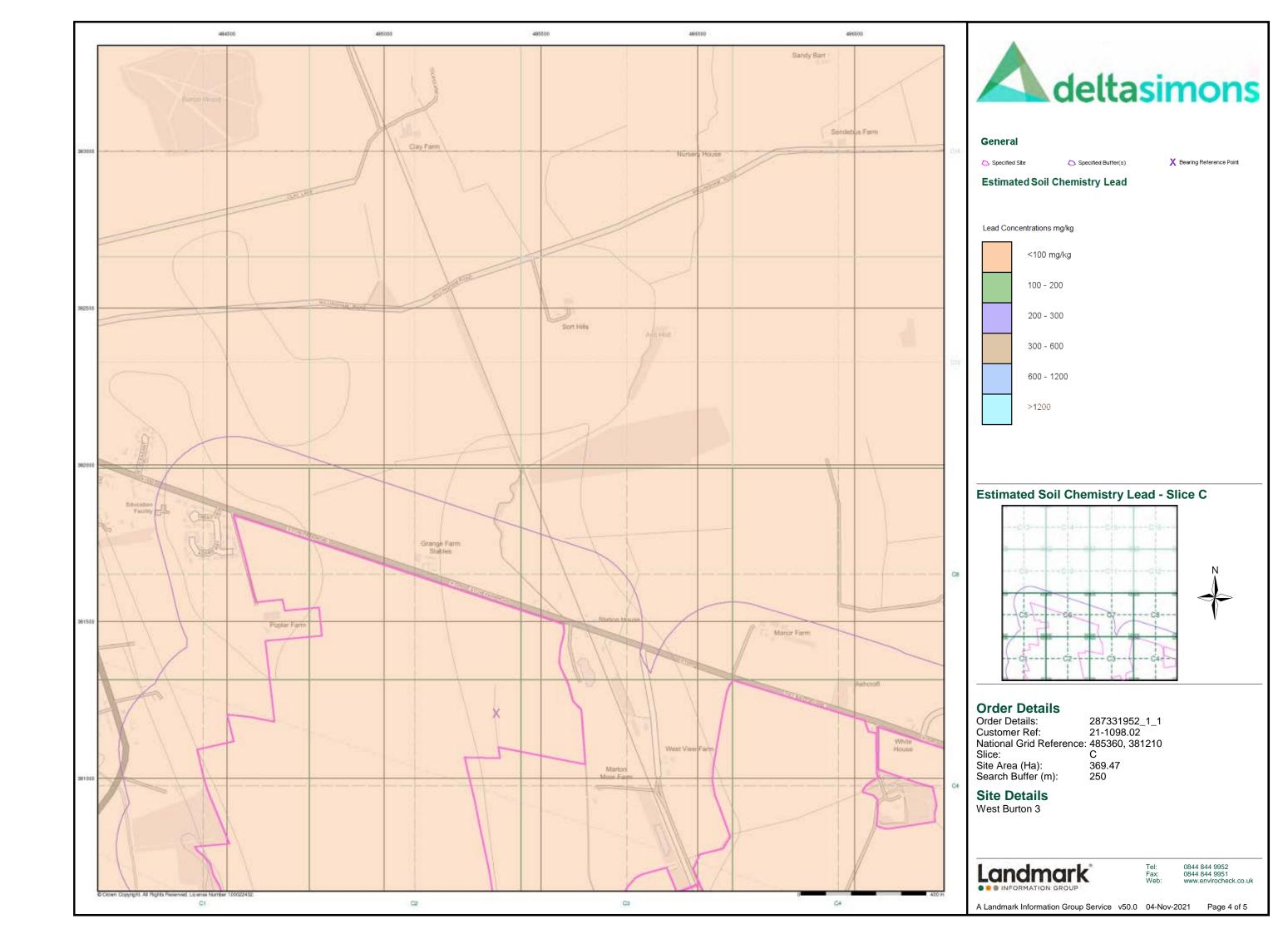


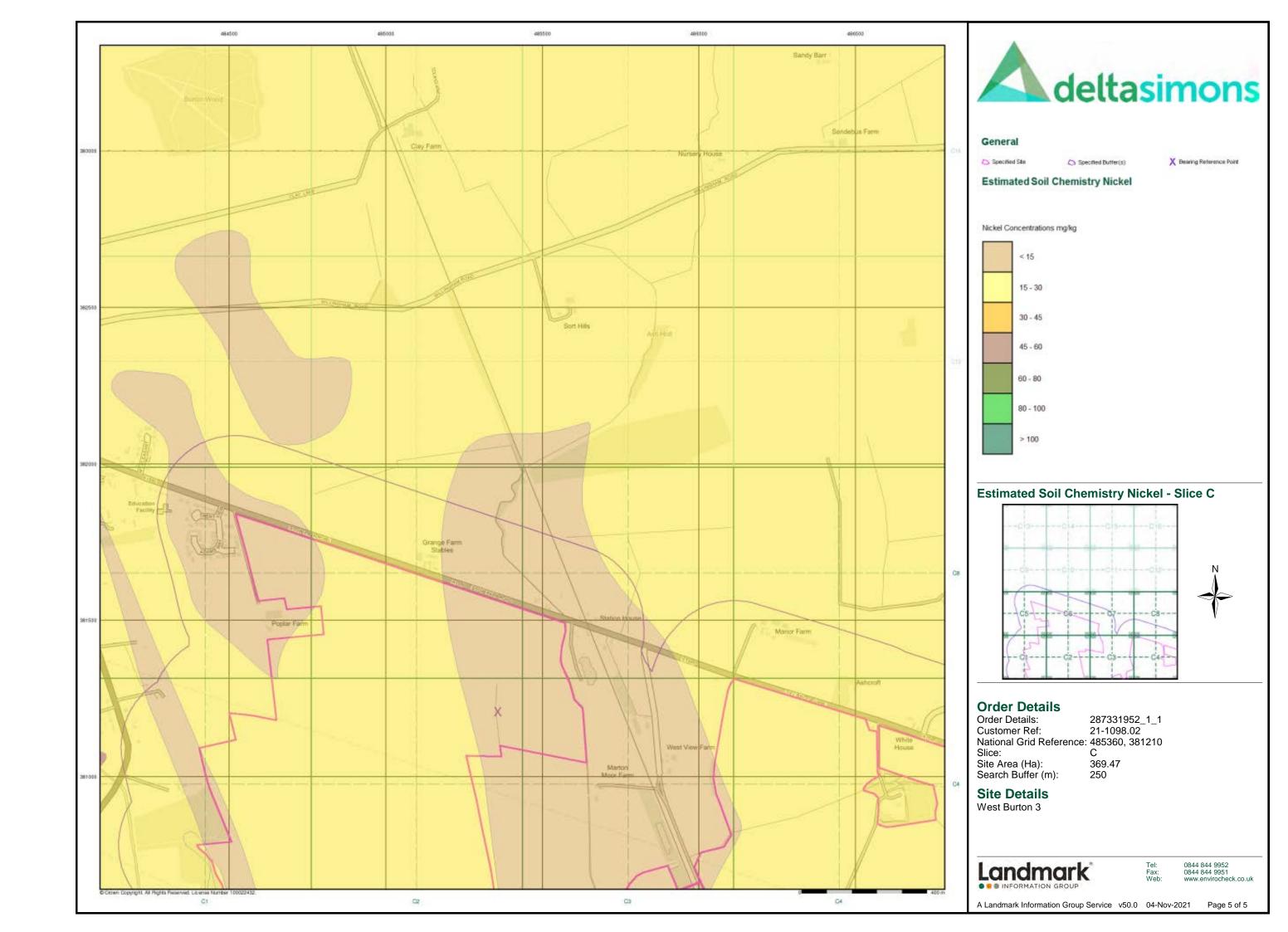


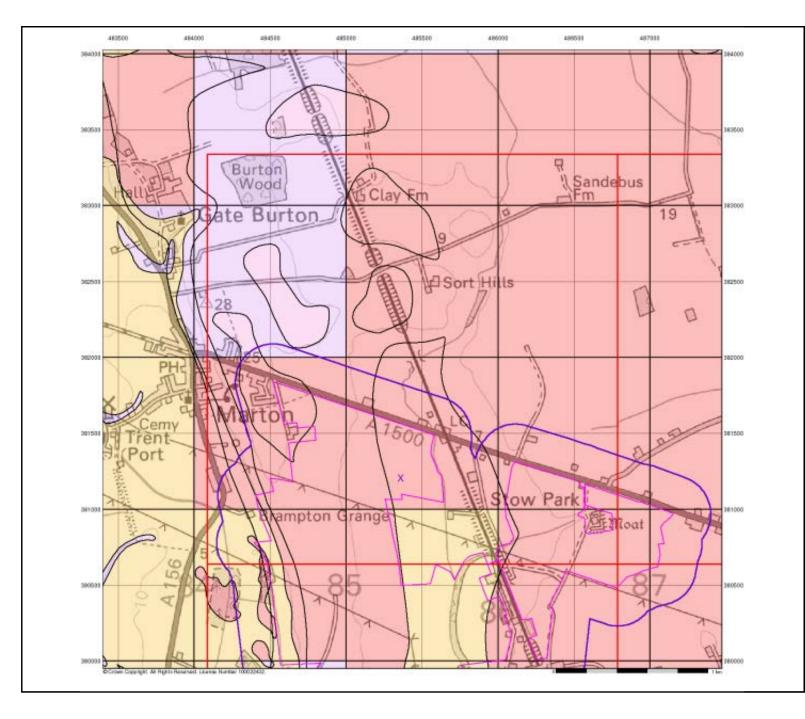














### **Groundwater Vulnerability**

#### General

Specified Site Specified Buffer(s) X Bearing Reference Point

**Superficial Aquifers** 

Slice 8 Map ID

### Agency and Hydrological

#### **Bedrock Aquifers**

High Vulnerability, Principal Aquifer High Vulnerability, Principal Aquifer High Vulnerability, Secondary Aquifer High Vulnerability, Secondary Aquifer

Medium Vulnerability, Principal Aquifer

Medium Vulnerability, Secondary Aquifer

Low Vulnerability, Principal Aquifer

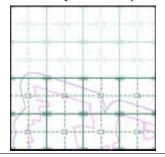
Low Vulnerability, Secondary Aquifer Low Vulnerability, Secondary Aquifer

Medium Vulnerability, Secondary Aquifer Low Vulnerability, Principal Aquifer

Medium Vulnerability, Principal Aquifer

Unproductive Aquifer Soluble Rock

#### Site Sensitivity Context Map - Slice C



287331952_1_1 21-1098.02 485360, 381210

C 369.47



#### **Order Details**

Order Number: Customer Ref: National Grid Reference:

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

### Site Details

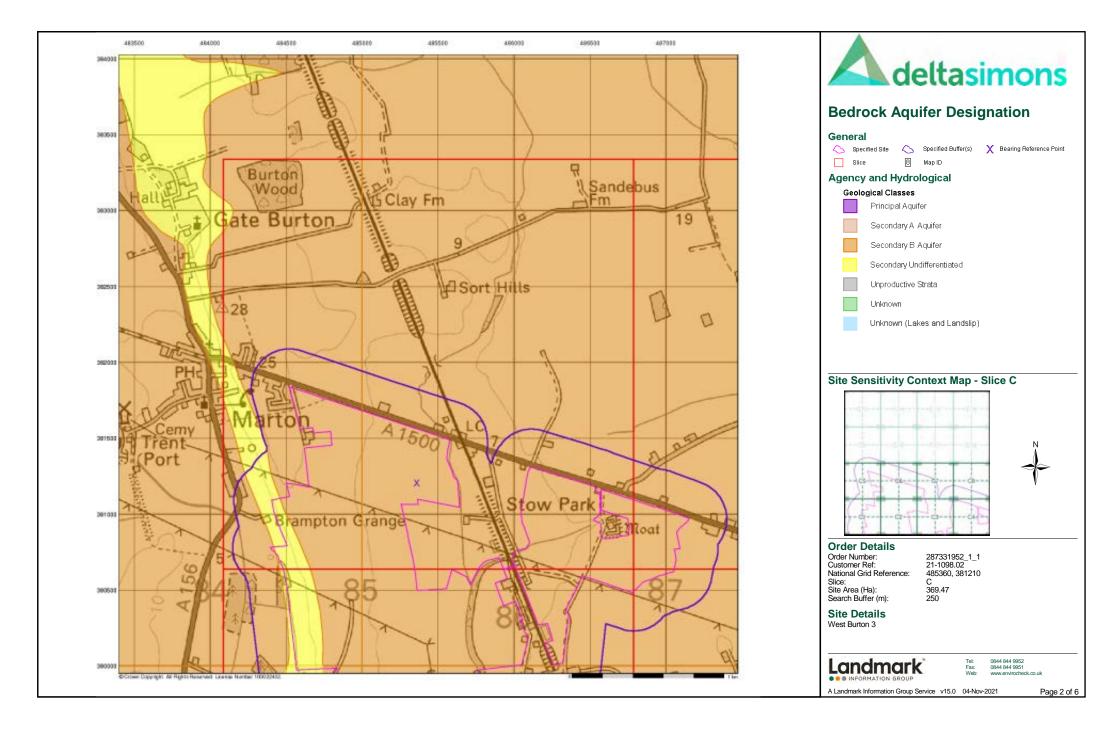
West Burton 3

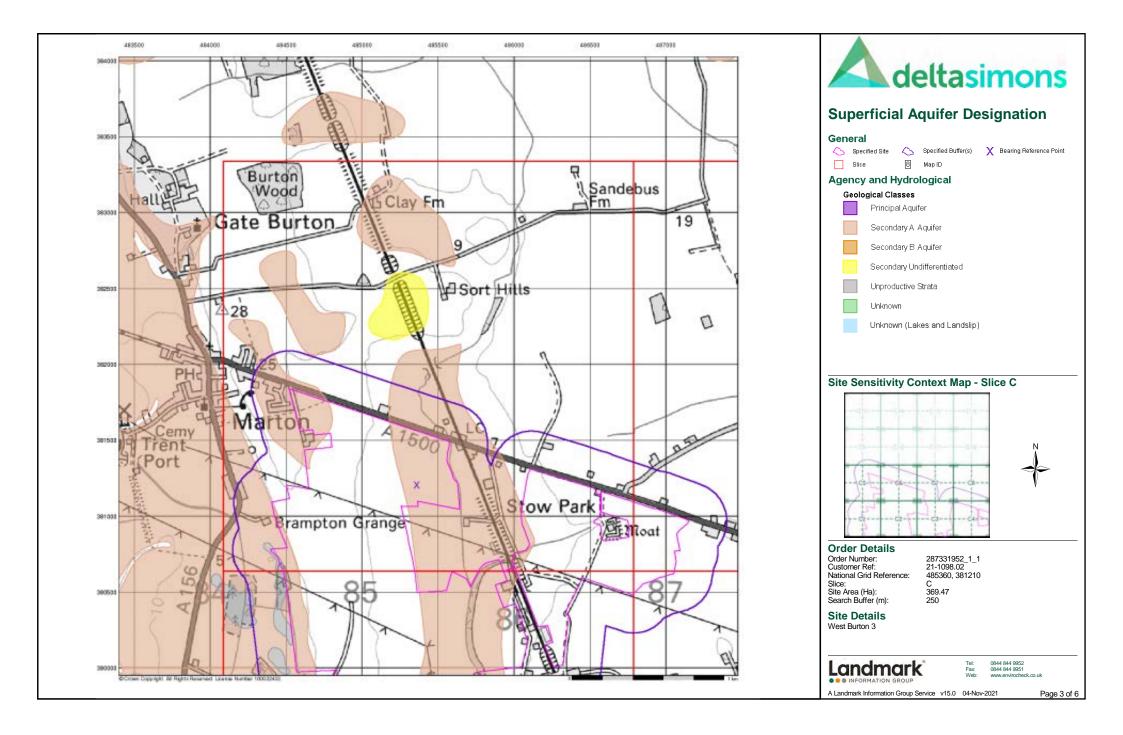


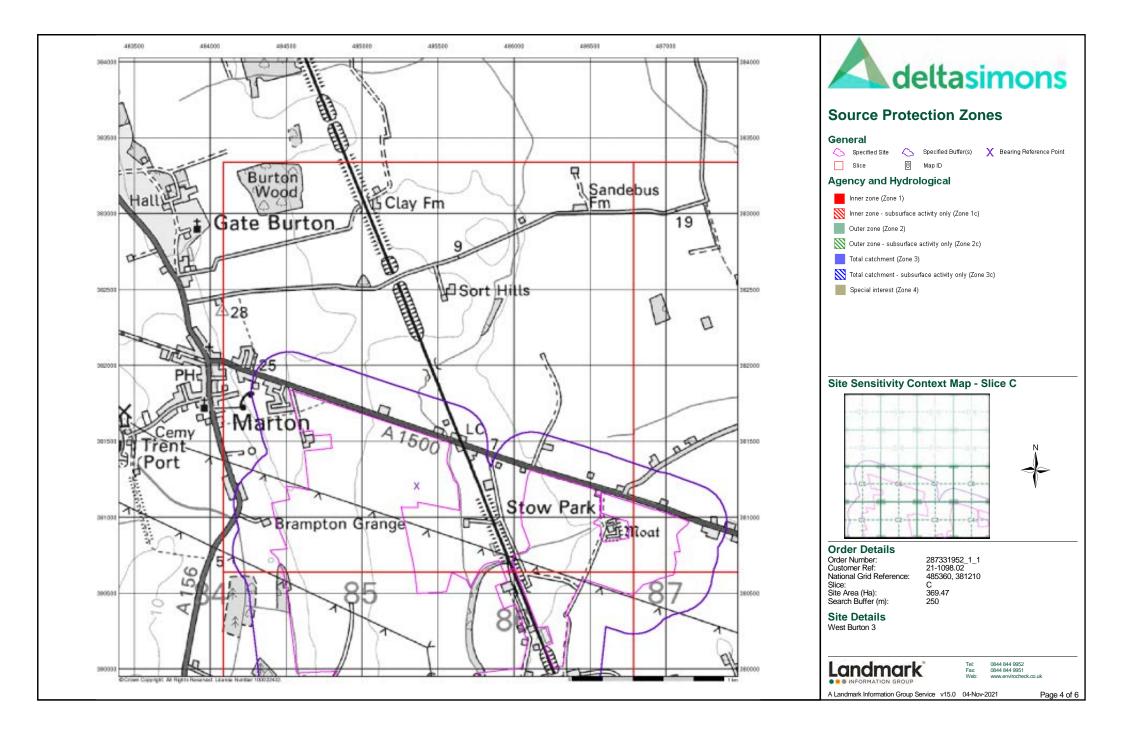
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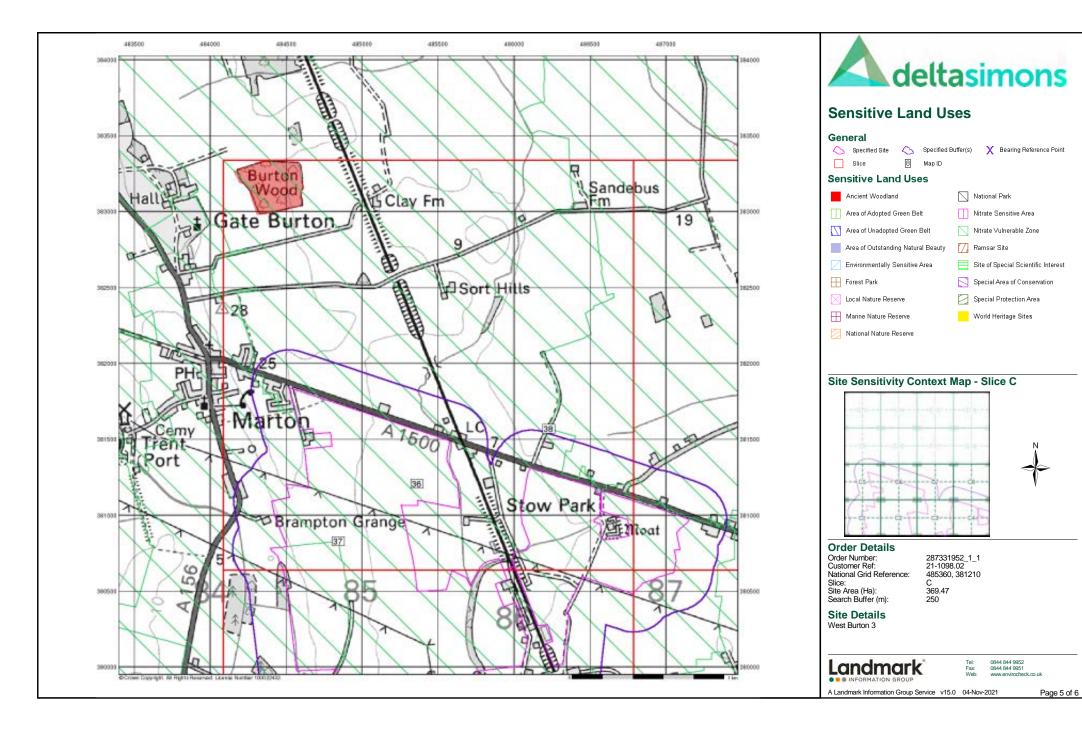
A Landmark Information Group Service v15.0 04-Nov-2021

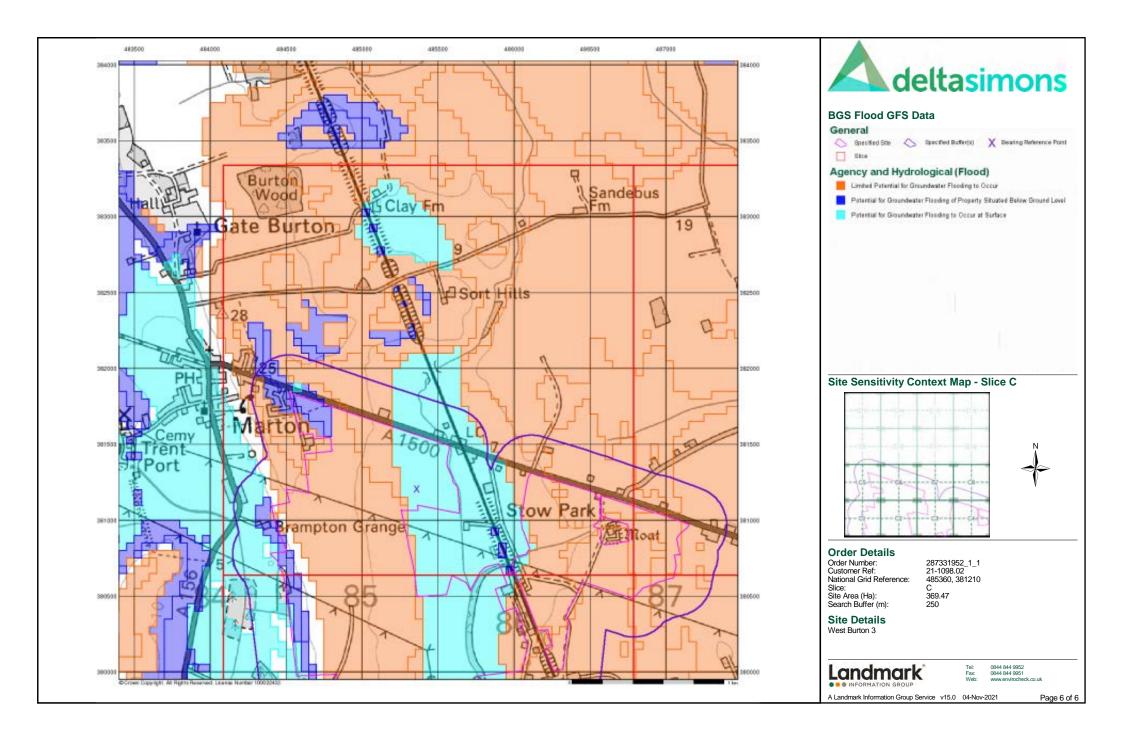
Page 1 of 6













# **Envirocheck® Report:**

### **Datasheet**

### **Order Details:**

**Order Number:** 

287331952_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

487060, 380960

Slice:

D

Site Area (Ha):

369.47

Search Buffer (m):

250

#### **Site Details:**

West Burton 3

### **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	5
Hazardous Substances	-
Geological	6
Industrial Land Use	7
Sensitive Land Use	8
Data Currency	9
Data Suppliers	14
Useful Contacts	15

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents			
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 1	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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 1	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 3	Yes	n/a
Superficial Aquifer Designations	pg 3	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 3	2	5



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 5	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 6	Yes	n/a
BGS Estimated Soil Chemistry	pg 6	Yes	
BGS Recorded Mineral Sites			
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas			n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 6	Yes	
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 6	Yes	
Potential for Running Sand Ground Stability Hazards			
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 6	Yes	
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries	pg 7		1
Fuel Station Entries			
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			
Gas Pipelines			
Underground Electrical Cables			



Data Type	Page Numbe		0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 8	2	
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	(W)	0	1	486300 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	486350 381150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NW (NW)	0	1	487000 381050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	486150 380900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(SW)	0	1	486250 380300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SW (SW)	0	1	487000 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SW (E)	0	1	487100 380956
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W)	0	1	486750 380950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	0	1	486800 380000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SW (SW)	0	1	487059 380956
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W)	0	1	486150 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1NW (N)	22	1	487059 381050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (SE)	113	1	487200 380850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	D1SE (SE)	132	1	487200 380700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(S)	171	1	487059 380000
	Nearest Surface Water Feature	D1SW (SW)	0	-	487026 380900
	Groundwater Vulnerability Map  Combined Secondary Bedrock Aquifer - High Vulnerability  Classification: Combined High  Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year  Baseflow Index: 40-70% Superficial <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	(W)	0	2	486134 380846

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(S)	0	2	487000 380000
	Combined Vulnerability:	High				33333
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - High Vulnerability	D1SW	0	2	487000
	Classification: Combined	High	(W)		_	380956
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	D1SW (SW)	0	2	487059 380956
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - High Vulnerability	D1NW	0	2	487000
	Classification: Combined	High	(NW)			381000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	veil connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	40-10% <90%				
	Superficial	<3m				
	Thickness: Superficial Recharge:	No Data				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map  Combined Secondary Bedrock Aquifer - High Vulnerability  Classification: Combined High Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer Pollutant Speed: Low Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year Baseflow Index: 40-70% Superficial <90% Patchiness: Superficial <3m Thickness: Superficial No Data Recharge:	D1NW (N)	0	2	487059 381000
	Groundwater Vulnerability - Soluble Rock Risk None  Bedrock Aquifer Designations				
	Aquifer Designation: Secondary Aquifer - B  Bedrock Aquifer Designations	(S)	0	2	487059 380000
	Aquifer Designation: Secondary Aquifer - B	D1SW (SW)	0	2	487059 380956
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W)	0	2	486134 380846
	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				
1	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 400.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SW (SW)	0	3	486801 380818
2	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 526.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SW (SW)	0	3	487026 380900
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 116.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SE (SE)	138	3	487229 380770
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 87.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SE (SE)	138	3	487260 380851



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 214.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SE (SE)	183	3	487251 380659
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 17.1 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	D1SE (SE)	189	3	487254 380676
7	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: Witham Primacy: 1	D1NW (NW)	192	3	486869 381268

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### **Waste**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: West Lindsey District Council - Has no landfill data to supply		0	4	487059 380956
	Local Authority Landfill Coverage				
	Name: Lincolnshire County Council - Had landfill data but passed it to the relevant environment agency		0	5	487059 380956

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# **Geological**

Map ID		Details		Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Soli	d Geology				
	Description:	Lias Group	D1SW (SW)	0	1	487059 380956
	BGS Estimated Soi	I Chemistry	(011)			300330
	Source: Soil Sample Type: Arsenic Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	D1SW (SW)	0	1	487059 380956
	Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 15 - 30 mg/kg				
	BGS Measured Urb	an Soil Chemistry				
	No data available	•				
	BGS Urban Soil Ch	emistry Averages				
	No data available					
	Coal Mining Affects	ed Areas				
	In an area that migh	t not be affected by coal mining				
	Non Coal Mining A	reas of Great Britain				
	No Hazard					
	Potential for Collap	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Potential for Comp	ressible Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Potential for Groun	d Dissolution Stability Hazards	,			
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Potential for Lands	lide Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Potential for Runni	ng Sand Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Potential for Shrink	ring or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Low British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	D1SW (SW)	0	1	487059 380956
		adon Protection Measures				
		No radon protective measures are necessary in the construction of new dwellings or extensions	D1SW (SW)	0	1	487059 380956
	Source:	British Geological Survey, National Geoscience Information Service				

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# **Industrial Land Use**

Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
8	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Friction Bonding & Lining Ltd Kellaway House, Marton Road, Sturton by Stow, Lincoln, LN1 2AH Brake & Clutch Manufacturers Inactive Automatically positioned to the address	D1SE (E)	169	-	487317 380950

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# **Sensitive Land Use**

Map ID	Dotails		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerabl	le Zones				
9	Name: Description: Source:	R Trent From Carlton-On-Trent To Laughton Drain Nvz Surface Water Environment Agency, Head Office	D1SW (SW)	0	2	487059 380956
	Nitrate Vulnerable Zones					
10	Name: Description: Source:	Lower Witham Nvz Surface Water Environment Agency, Head Office	D1NW (N)	0	2	487070 381010

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Environment Agency - Head Office	June 2020	Annually
West Lindsey District Council - Environmental Health Department	September 2017	Annual Rolling Update
Discharge Consents		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Anglian Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Anglian Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Anglian Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Local Authority Pollution Prevention and Controls		
West Lindsey District Council - Environmental Health Department	November 2014	Annual Rolling Update
Local Authority Pollution Prevention and Control Enforcements		
West Lindsey District Council - Environmental Health Department	November 2014	Variable
Nearest Surface Water Feature	November 2011	Variable
Ordnance Survey	August 2021	
,	August 2021	
Pollution Incidents to Controlled Waters	Danarahar 1000	
Environment Agency - Midlands Region Environment Agency - Anglian Region	December 1999 September 1999	
	September 1999	
Prosecutions Relating to Authorised Processes	h.h. 2045	
Environment Agency - Anglian Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Anglian Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Anglian Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Water Abstractions		
Environment Agency - Anglian Region	July 2021	Quarterly
Environment Agency - Midlands Region	July 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Anglian Region	October 2017	Quarterly
Groundwater Vulnerability Map		,
Environment Agency - Head Office	June 2018	As notified
Bedrock Aquifer Designations		
Environment Agency - Head Office	January 2018	Annually
Superficial Aquifer Designations	3333., 20.0	
Environment Agency - Head Office	January 2018	Annually
	January 2010	Ailliually
Source Protection Zones		i contract of the contract of

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Agency & Hydrological	Version	Update Cycle
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	, 2010	
Environment Agency - Head Office	February 2016	Annually
	1 oblidary 2010	7 timadily
BGS Groundwater Flooding Susceptibility  British Geological Survey - National Geoscience Information Service	May 2013	Annually
Shiish Geological Survey - National Geoscience information Service	Iviay 2013	Aillidally
Waste	Version	Update Cycl
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Anglian Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)	, ,	, , ,
Environment Agency - Anglian Region - Northern Area	July 2021	Quarterly
	33., 232.	Quartony
Local Authority Landfill Coverage Lincolnshire County Council	February 2003	Not Applicable
Nest Lindsey District Council - Environmental Health Department	February 2003	Not Applicable
	1 0514417 2000	. Tot / ipplicable
Local Authority Recorded Landfill Sites Lincolnshire County Council	October 2018	
Lincoinsnire County Council  West Lindsey District Council - Environmental Health Department	October 2018 October 2018	
	October 2018	
Potentially Infilled Land (Non-Water)	Doggmb 1000	Not Applicable
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
andmark Information Group Limited	December 1999	
Registered Landfill Sites		
To the control American Amelian Depice - Newthern American	March 2006	Not Applicable
Environment Agency - Anglian Region - Northern Area		
Environment Agency - Anglian Region - Northern Area  Registered Waste Transfer Sites  Environment Agency - Anglian Region - Northern Area	April 2018	
Registered Waste Transfer Sites	April 2018	

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Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites	M 1 0047	
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)	August 2001	
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Lincolnshire County Council - Highways and Planning Department	August 2010	Variable
West Lindsey District Council	February 2016	Variable
Planning Hazardous Substance Consents	,	
Lincolnshire County Council - Highways and Planning Department	August 2007	Variable
West Lindsey District Council	February 2016	Variable
Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry	December 2015	Annually
British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District	Widy 2021	Di Ailidally
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas	3,111	
The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually

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

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 12 of 15



Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
West Lindsey District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
West Lindsey District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 13 of 15



# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	S E PAP
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey MATURAL ENVISORMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Orrio Matural Resources Walks
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 収込分
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>



## **Useful Contacts**

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: [REDACTED]
2	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
3	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
4	West Lindsey District Council - Environmental Health Department The Guildhall, Caskgate Street, Gainsborough, Lincolnshire, DN21 2DH	Telephone: 01427 676676 Fax: 01427 810623 Website: www.west-lindsey.gov.uk
5	Lincolnshire County Council 4th Floor, City Hall, Lincoln, Lincolnshire, LN1 1DN	Telephone: 01522 552222 Fax: 01522 552288 Email: PublicRelations@lincolnshire.gov.uk Website: www.lincolnshire.gov.uk
6	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]
-	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: [REDACTED]
-	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: [REDACTED]

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

Order Number: 287331952_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 15 of 15

## **Geology 1:50,000 Maps Legends**

## **Superficial Geology**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	HPSG	Holme Pierrepont Sand and Gravel Member	Sand and Gravel	Not Supplied - Pleistocene
	RTDU	River Terrace Deposits (Undifferentiated)	Sand and Gravel	Not Supplied - Quaternary

#### **Bedrock and Faults**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CHAM	Charmouth Mudstone Formation	Mudstone	Not Supplied - Sinemurian
	SMD	Scunthorpe Mudstone Formation	Mudstone and Limestone, Interbedded	Not Supplied - Rhaetian



#### 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

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

## Geology 1:50,000 Maps Coverage

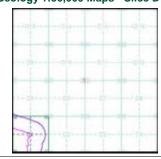
 Map ID:
 1

 Map Sheet No:
 102

 Map Name:
 Market Rasen

Map Name: Market Raser
Map Date: 1999
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available
Faults: Not Supplied
Landslip: Not Available
Not Available
Not Available

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





#### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

rence: 487060, 380960 D 369.47 250

287331952_1_1 21-1098.02

Site Details:

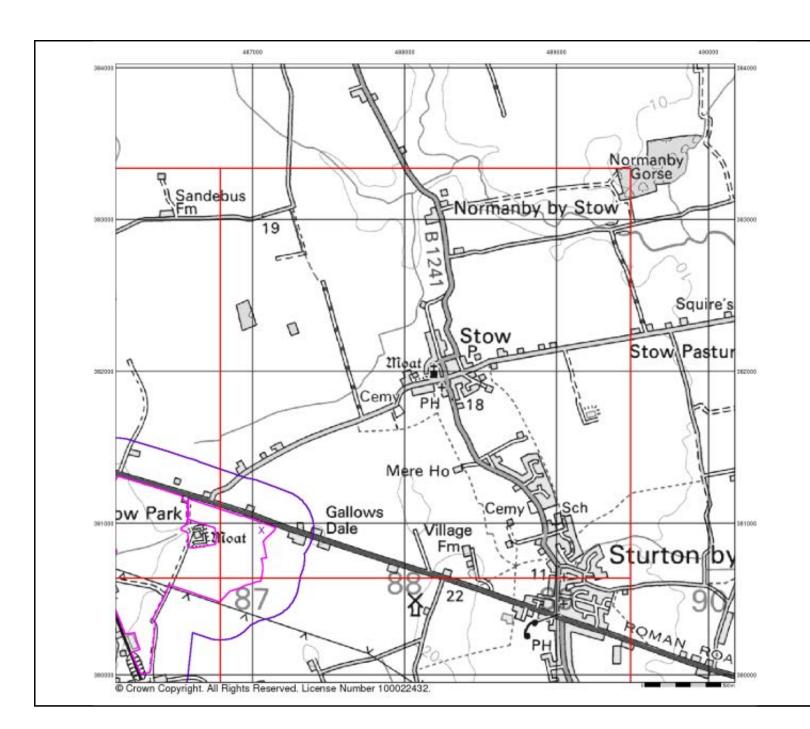
West Burton 3



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

v15.0 04-Nov-2021

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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:

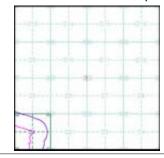
- Made ground man-made deposits such as embankments and spoil heaps on the natural ground surface.
   Worked ground - areas where the ground has been cut away such as
- Worked ground areas where the ground has been cut away such as quarries and road cuttings.
- Infilled ground areas where the ground 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

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 D

287331952_1_1 21-1098.02

487060, 380960





## Order Details:

Order Number: Customer Reference: National Grid Reference: Slice:

 Slice:
 D

 Site Area (Ha):
 369.47

 Search Buffer (m):
 250

Site Details:

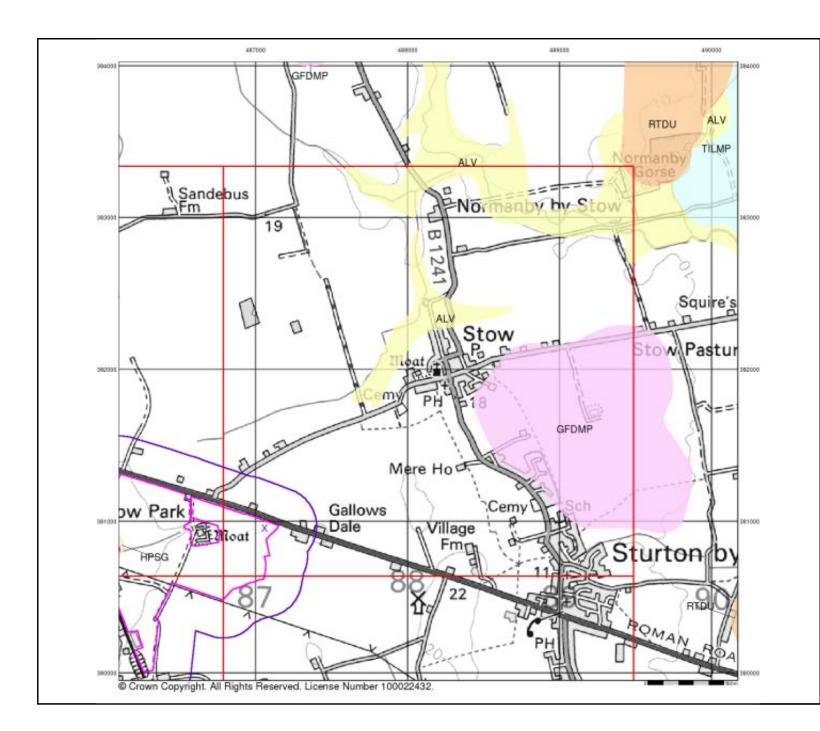
West Burton 3



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

v15.0 04-Nov-2021

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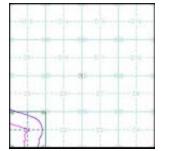
### **Superficial Geology**

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 D





## Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

287331952_1_1 21-1098.02 e: 487060, 380960 D 369.47 250

Site Details:

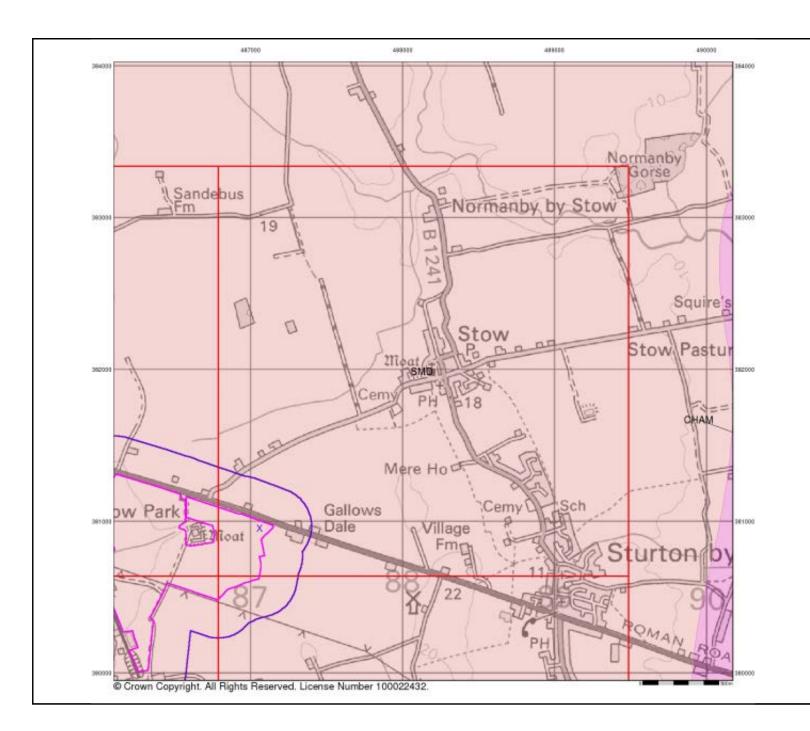
West Burton 3



Fel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.c

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#### **Bedrock and Faults**

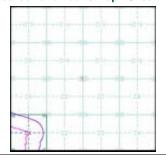
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 lader, 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 D





## Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

487060, 380960 D 369.47 250

287331952_1_1 21-1098.02

Site Details:

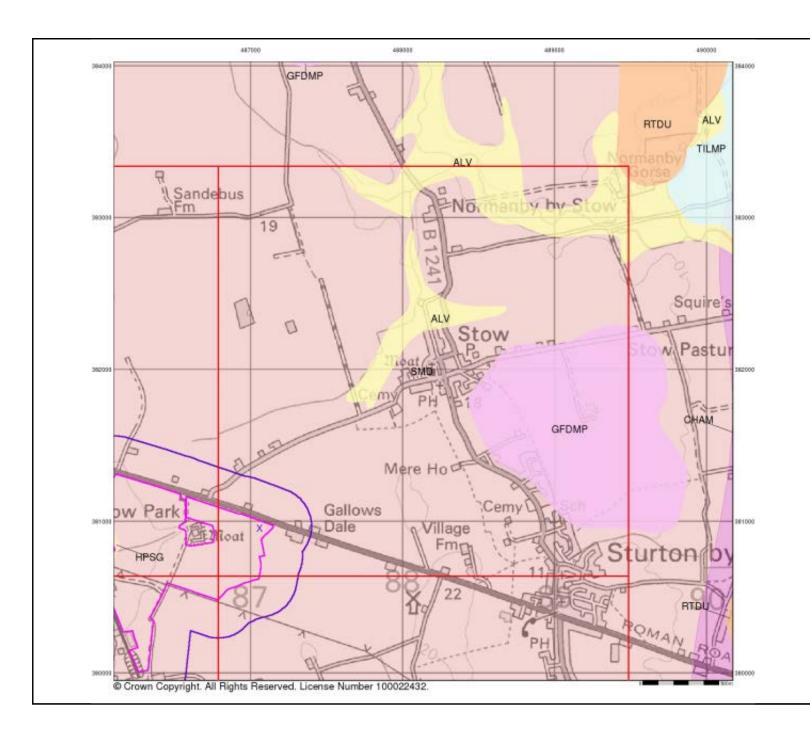
West Burton 3



Fel: 0844 844 9952 Fax: 0844 844 9951 Veb: www.envirocheck.c

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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.

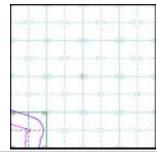
#### **Additional Information**

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: [REDACTED]uk

#### Combined Geology Map - Slice D





#### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice:

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

369.47 250

287331952_1_1 21-1098.02

487060, 380960

### Site Details:

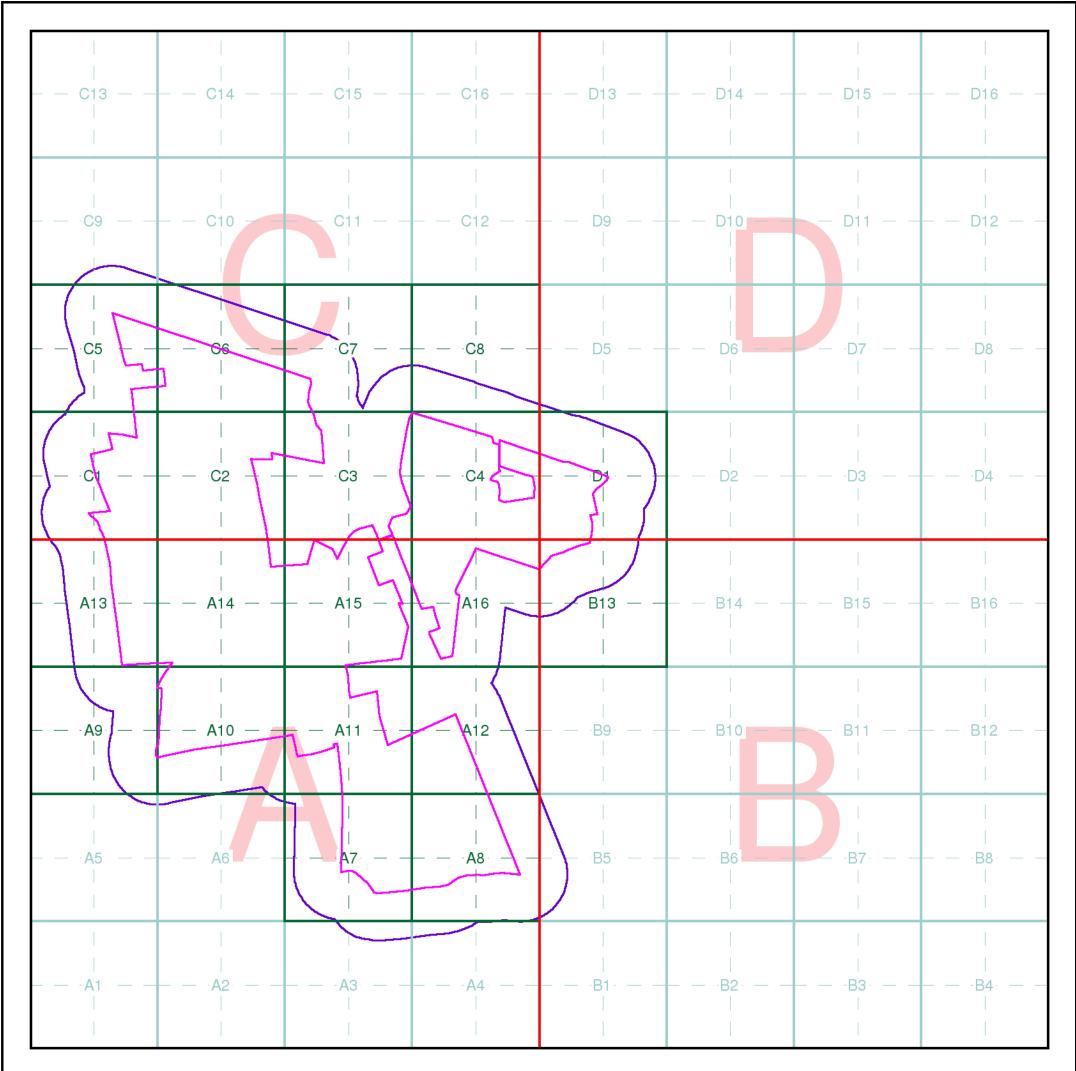
West Burton 3



Fel: 0844 844 9952 Fax: 0844 844 9951 Veb: www.envirocheck.c

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## **Index Map**

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

#### Slice

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

#### Seament

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

### Quadrant

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

A selection of organisations who provide data within this report:









Envirocheck reports are compiled from 136 different sources of data.

## **Client Details**

Mr A Howells, Delta Simons, 3 Henley Office Park, Doddington Road, Lincoln, LN6 3QR

## **Order Details**

Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 485580, 380350

Site Area (Ha): 369.47 Search Buffer (m): 250

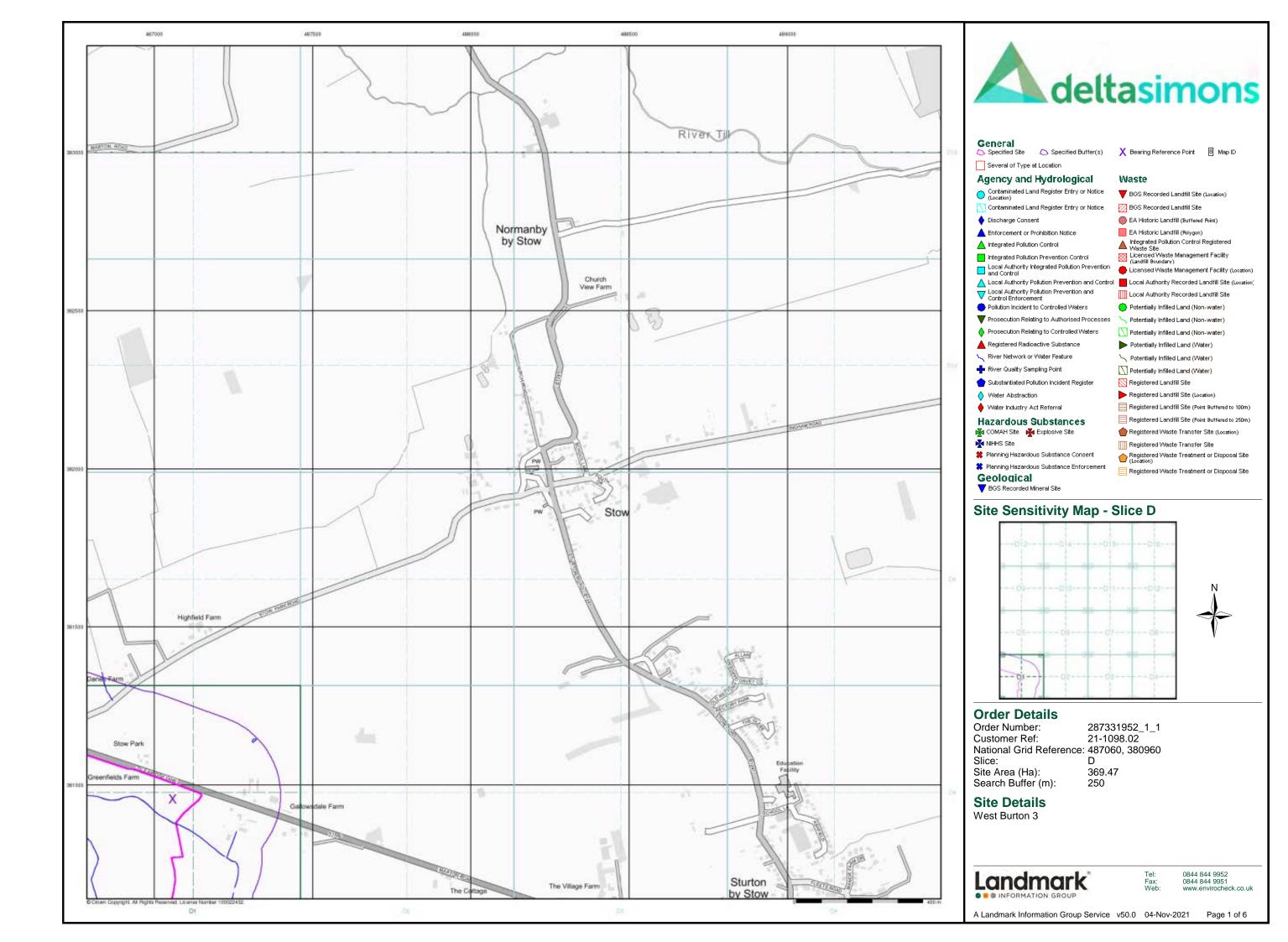
# Site Details West Burton 3

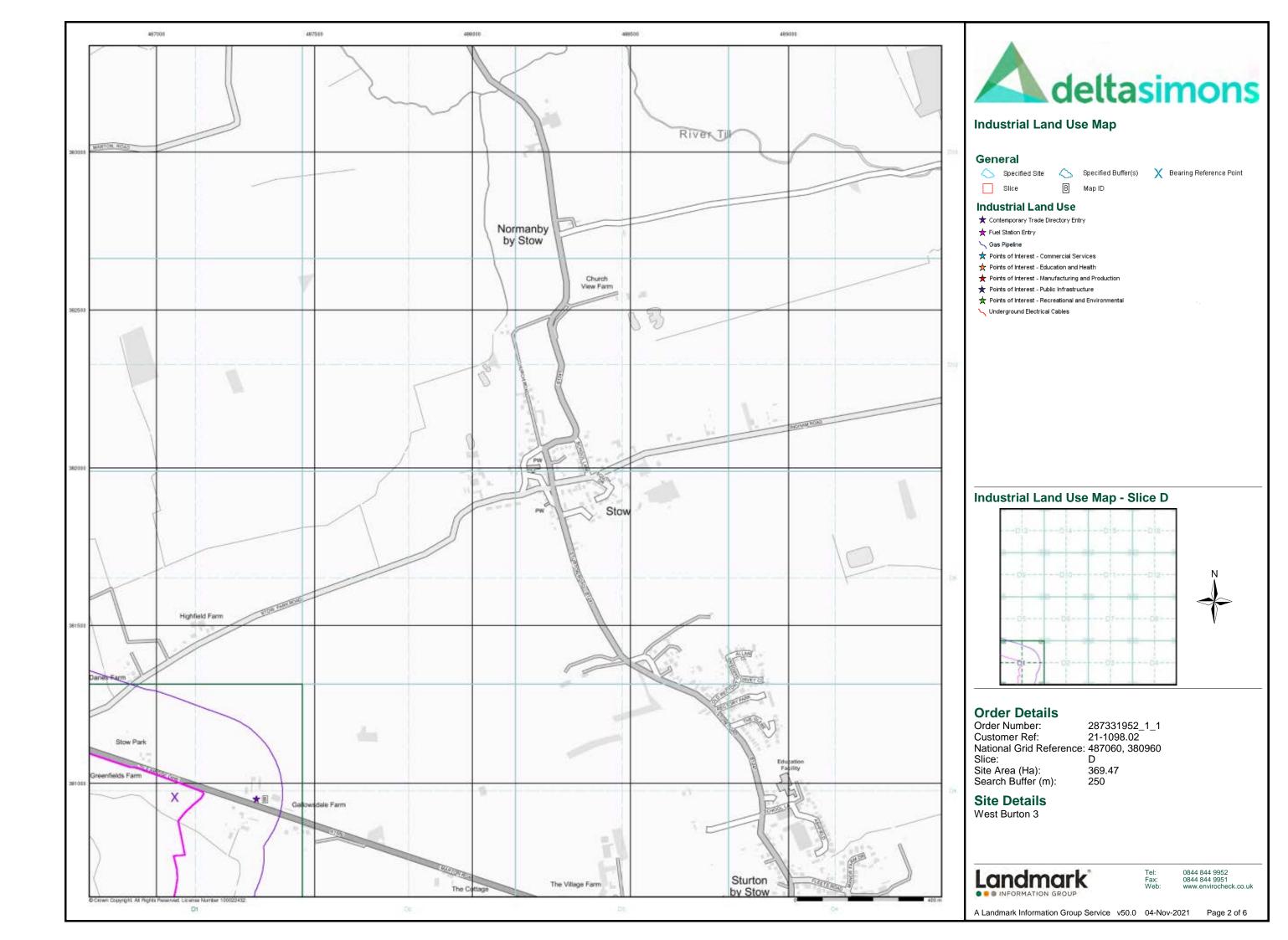
Full Terms and Conditions can be found on the following link:



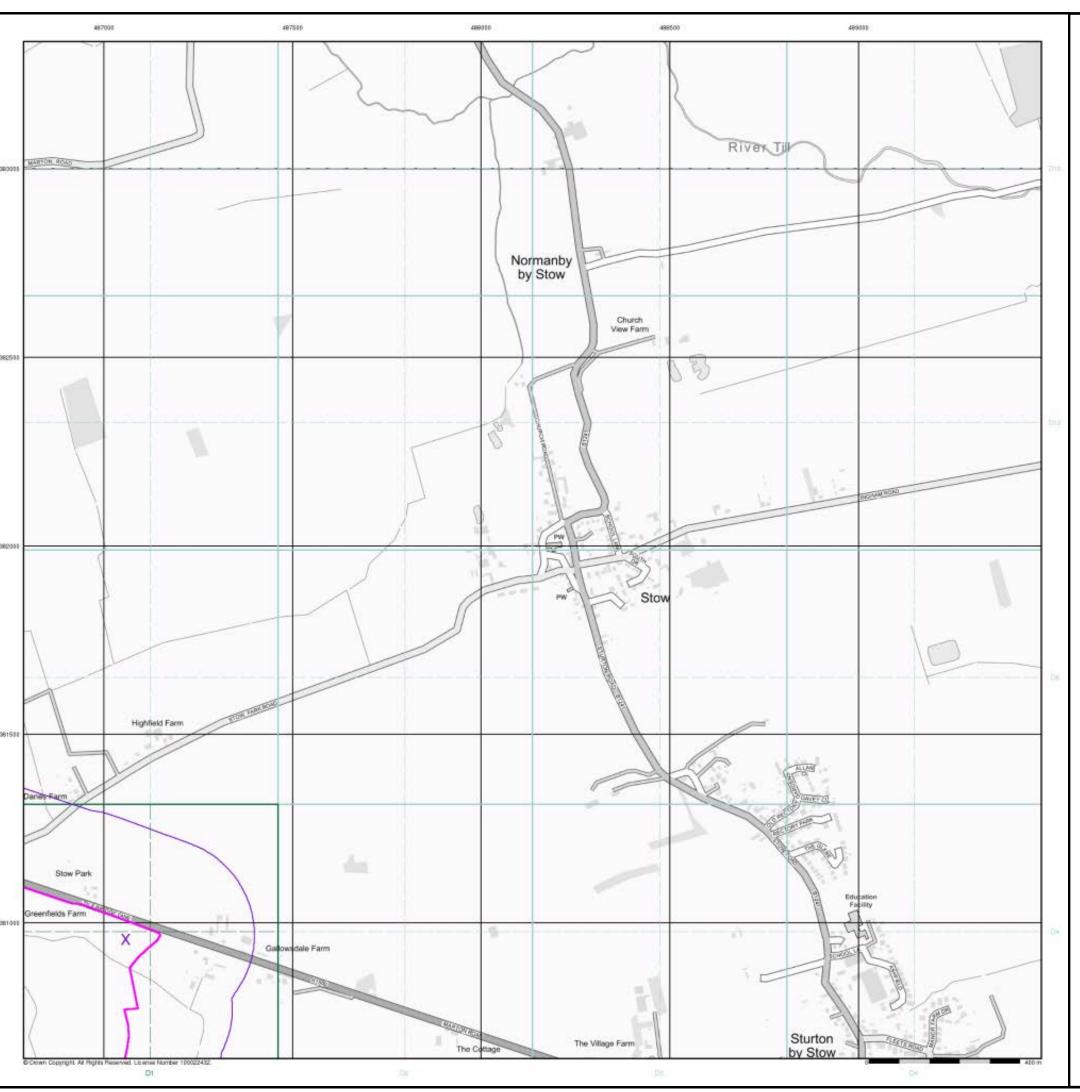
Tel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

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## General

Specified Site

Specified Buffer(s)

X Bearing Reference Point

8 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 +

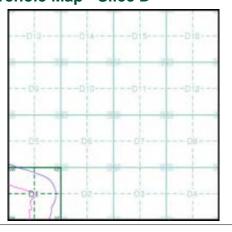
Confidential

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 D**





Order Number: 287331952_1_1
Customer Ref: 21-1098.02
National Grid Reference: 487060, 380960

Slice:

Site Area (Ha): 369.47 Search Buffer (m): 250

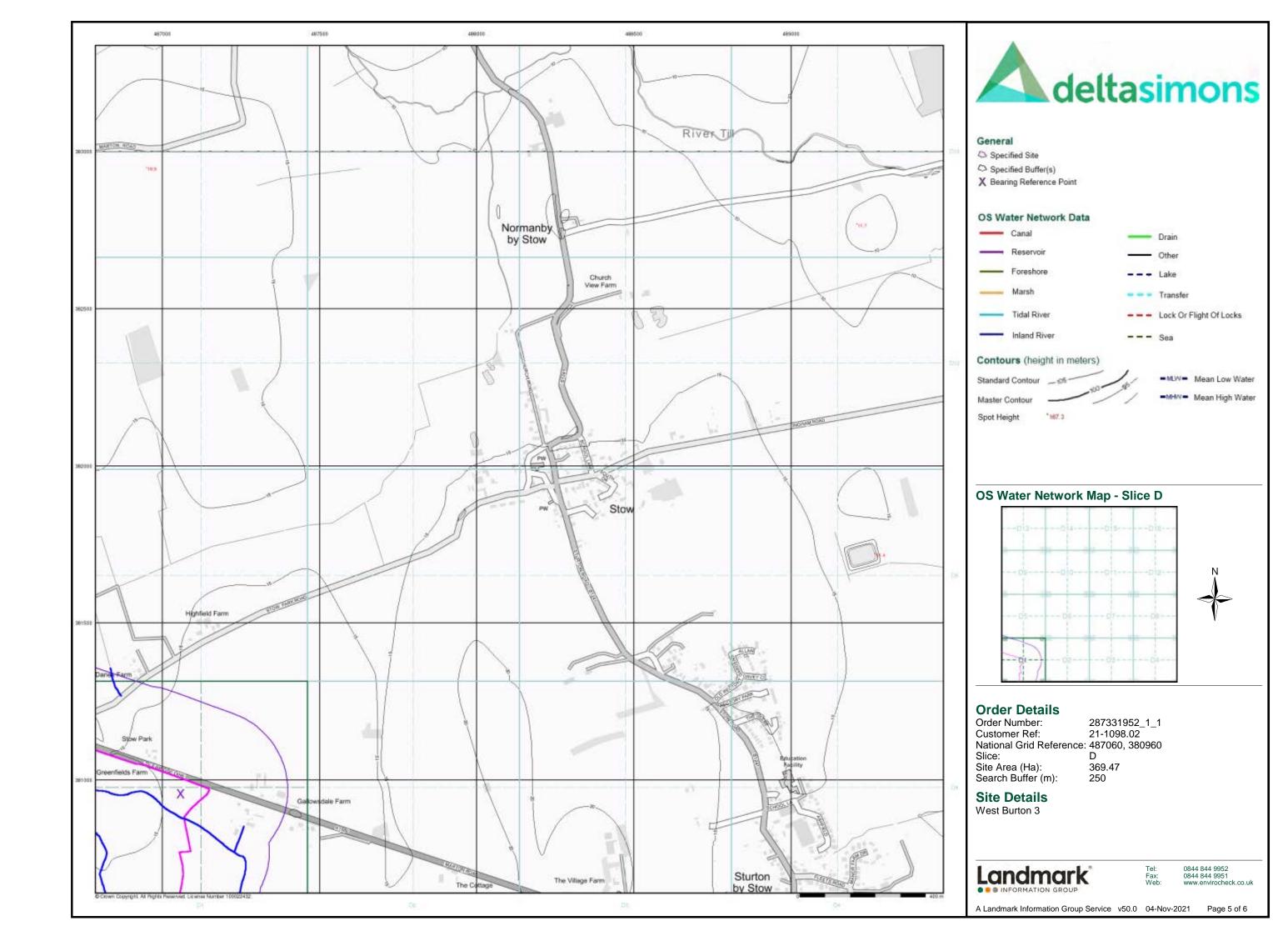
## **Site Details**

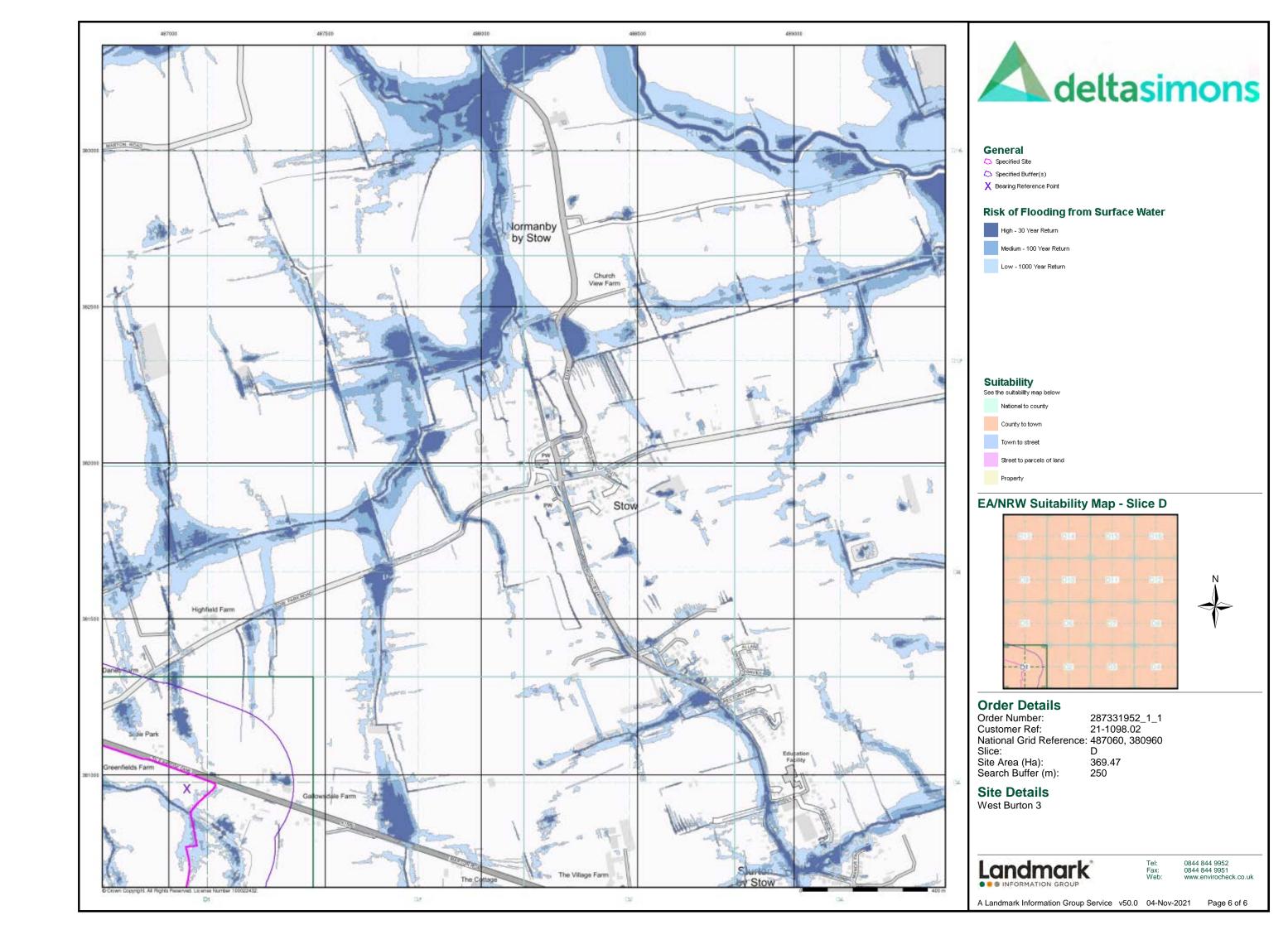
West Burton 3

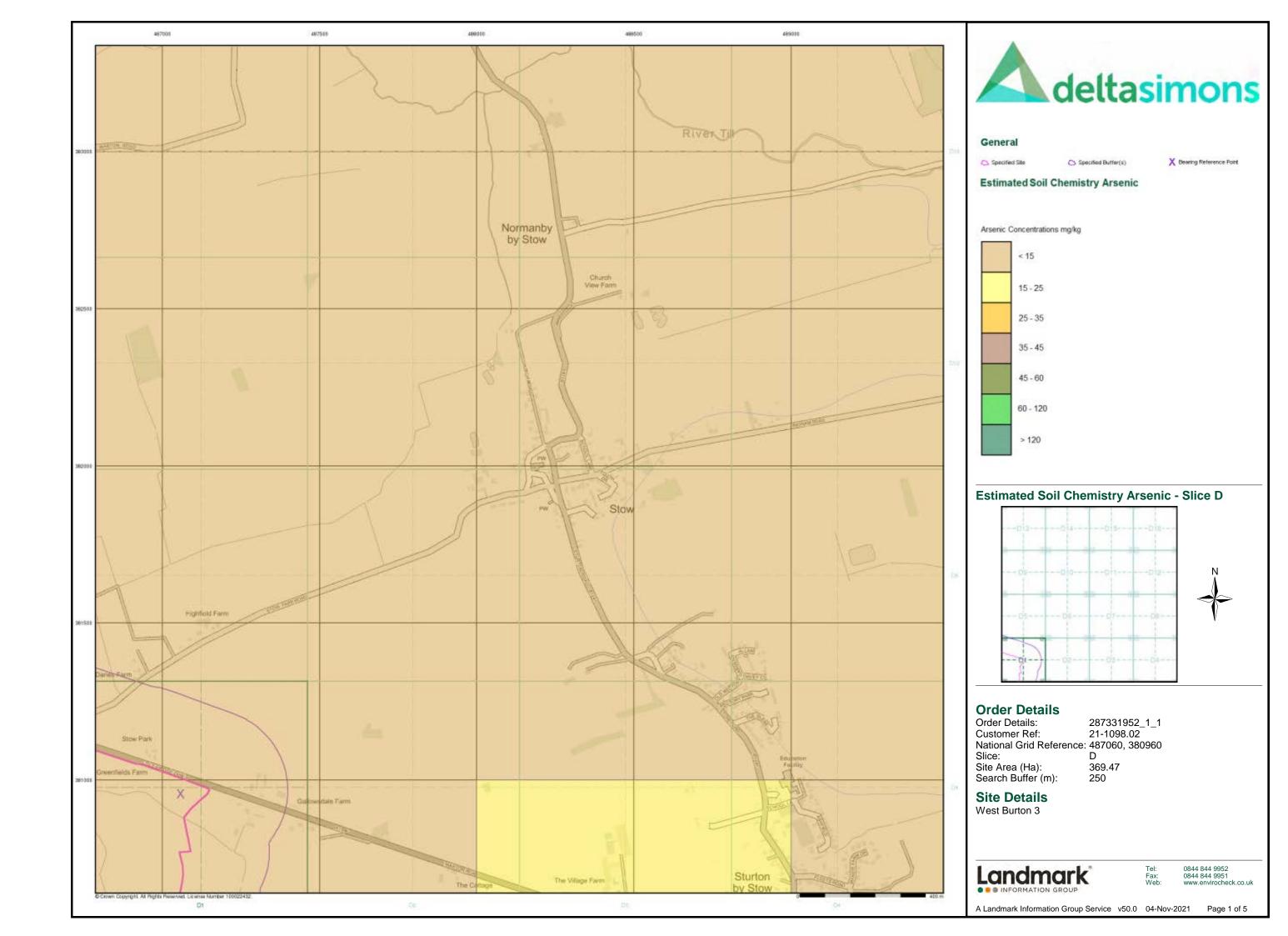


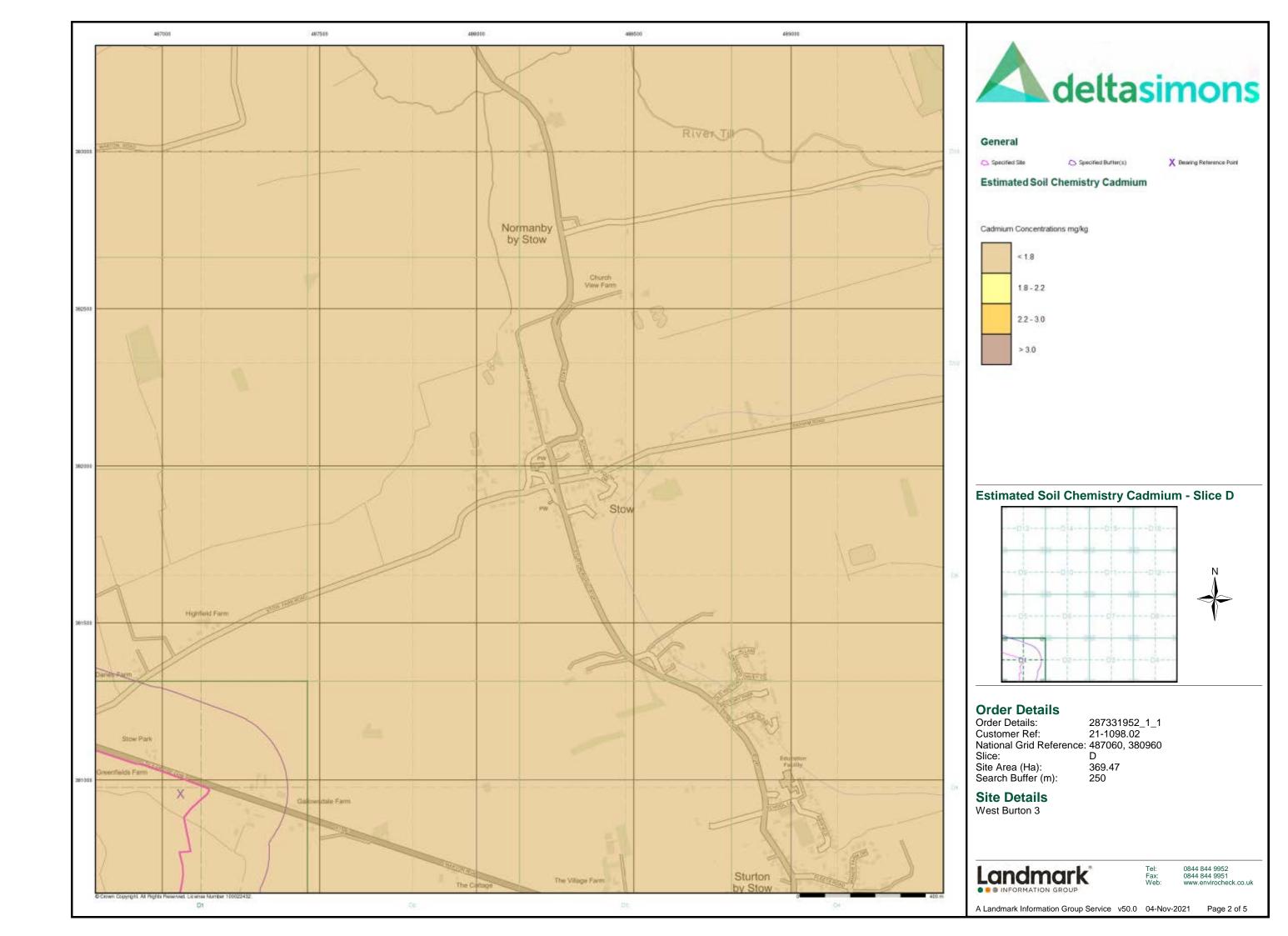
Tel: 0844 844 9952 Fax: 0844 844 9951 Web: www.envirocheck.co.uk

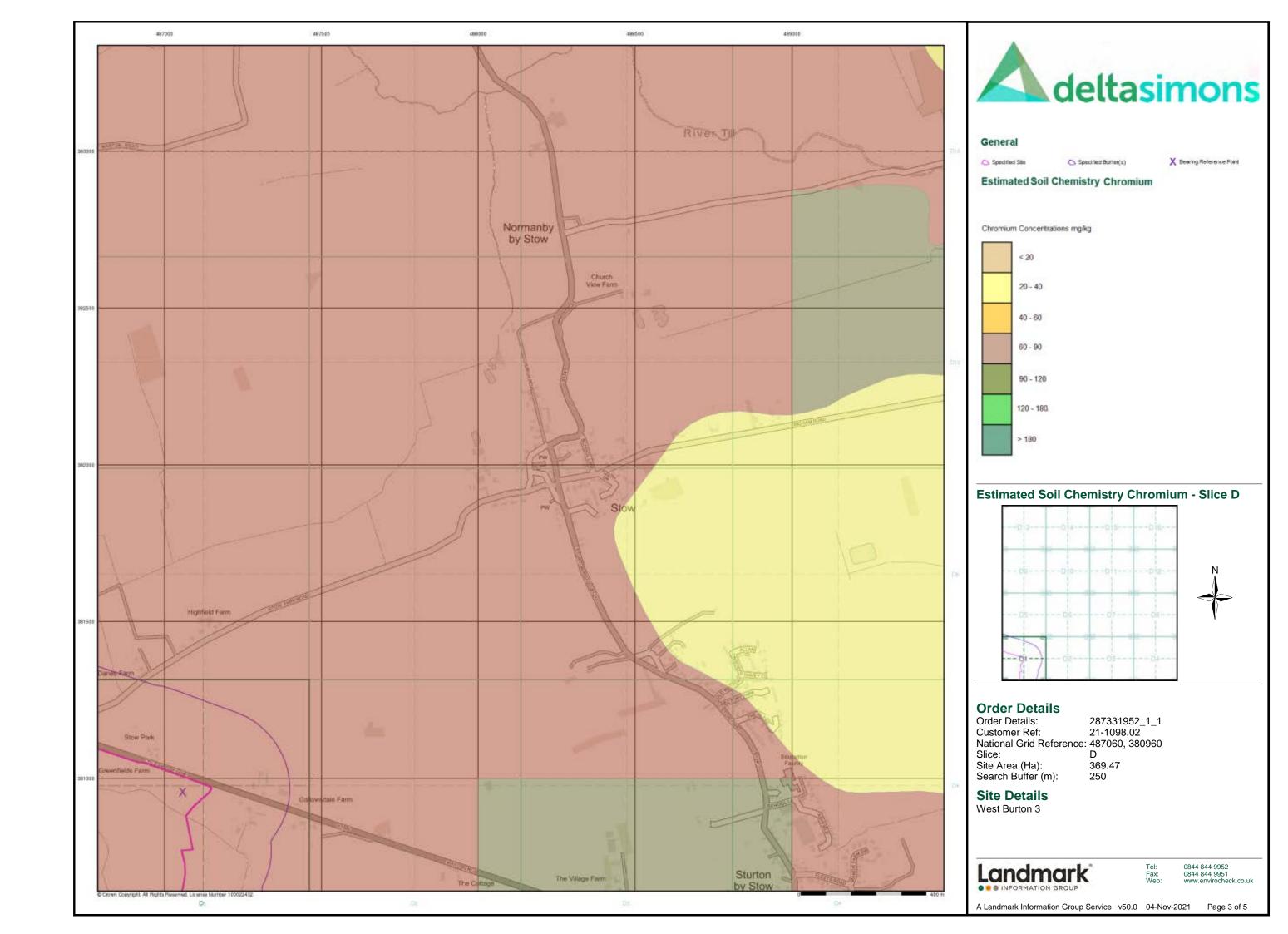
A Landmark Information Group Service v50.0 04-Nov-2021 Page 4 of 6

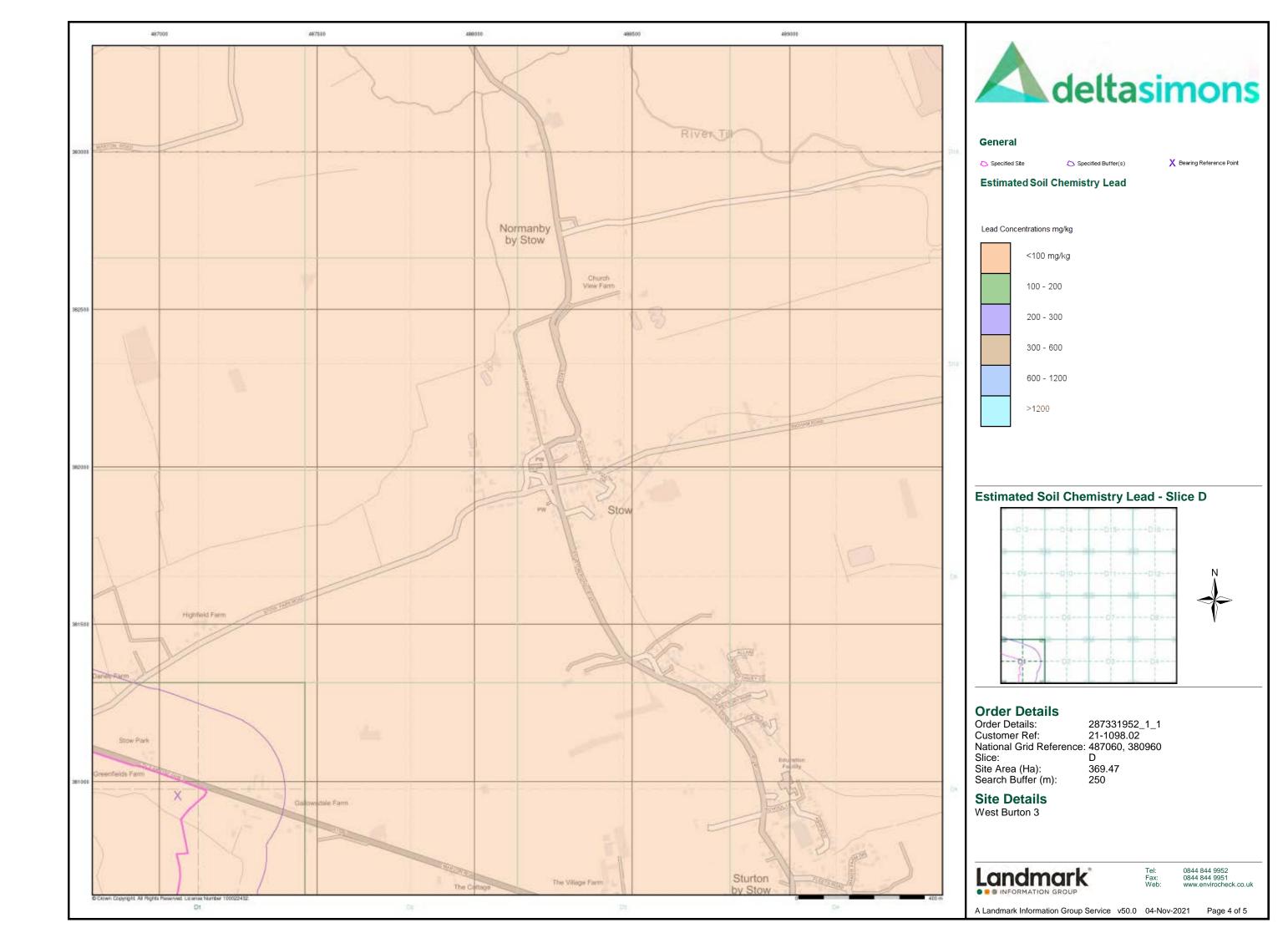




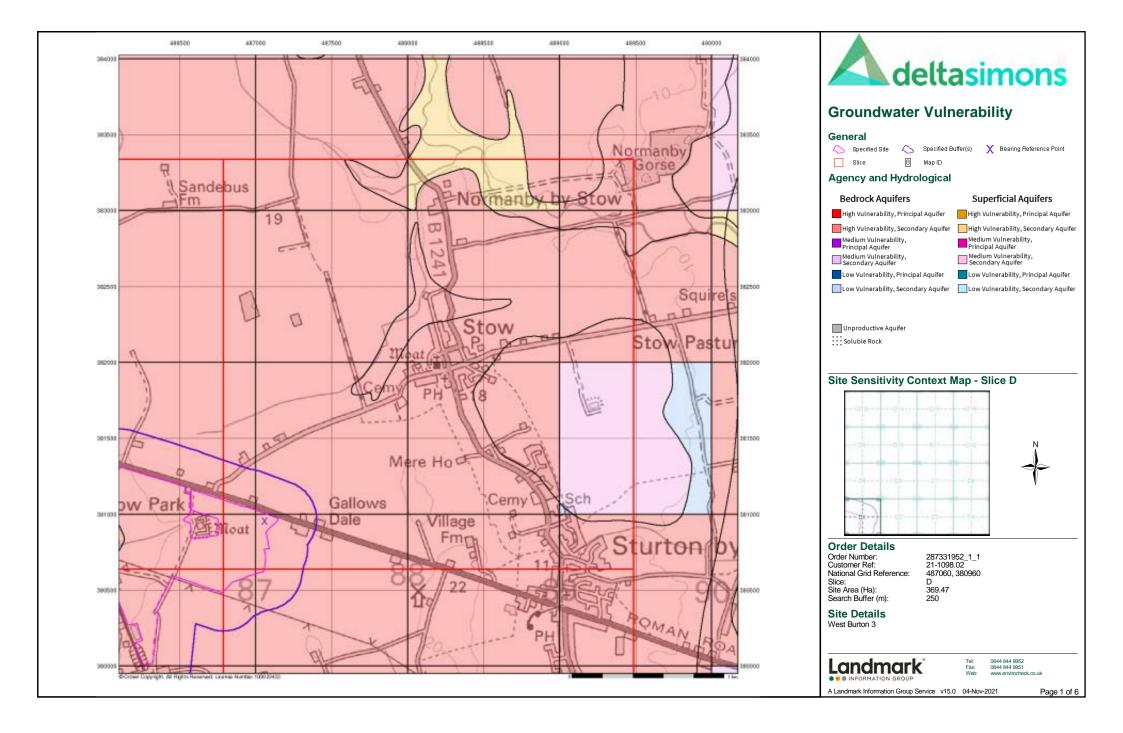


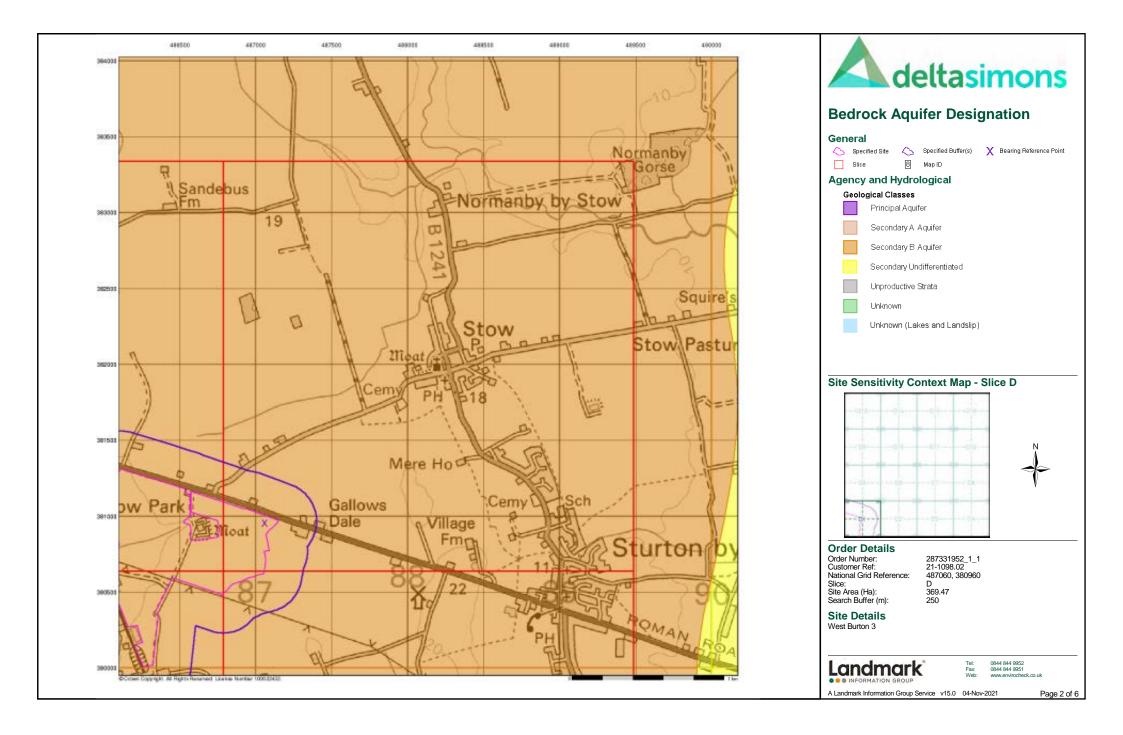


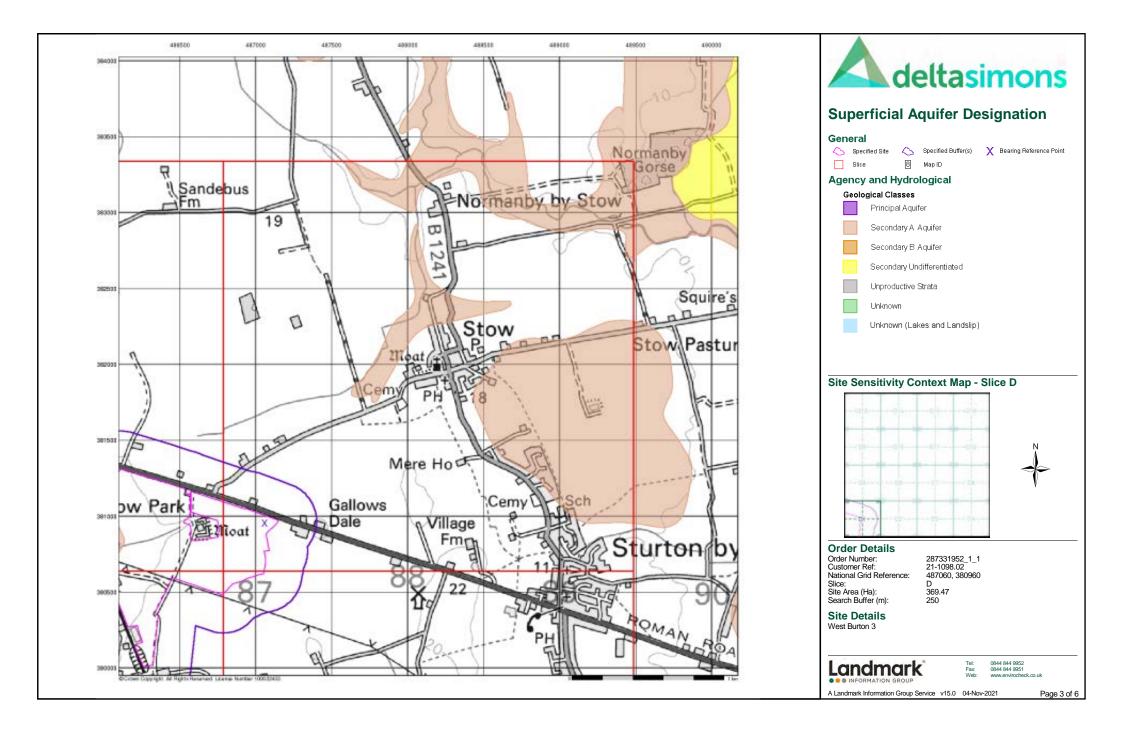


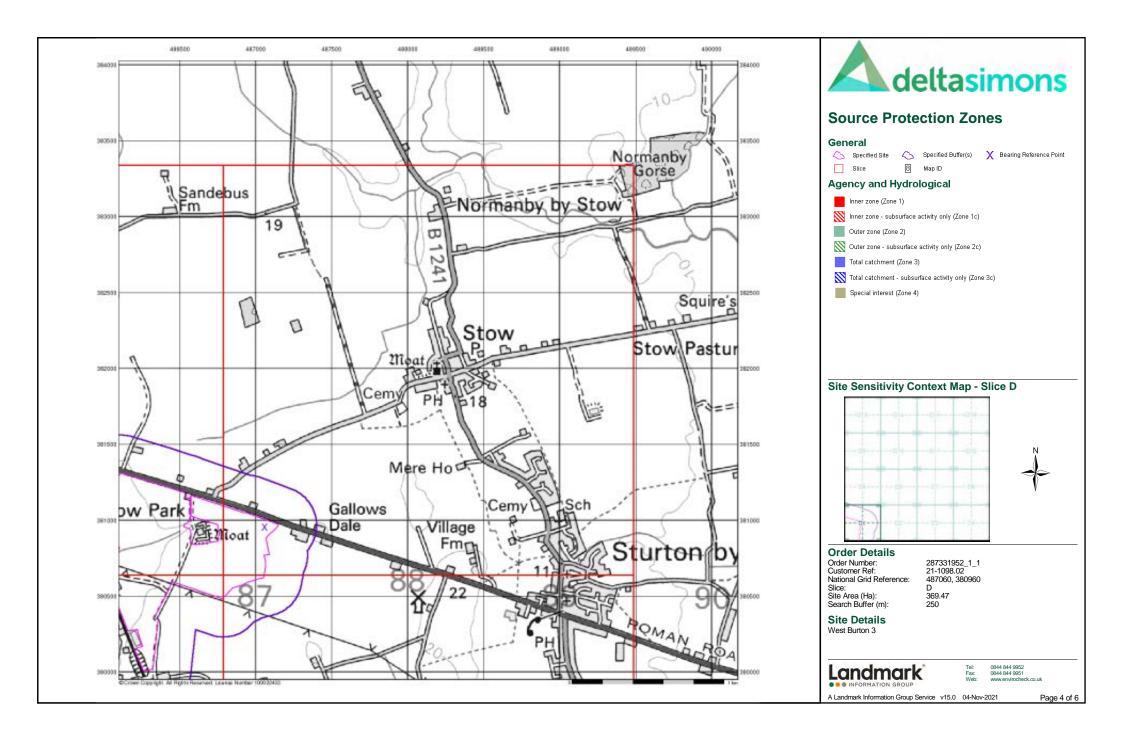


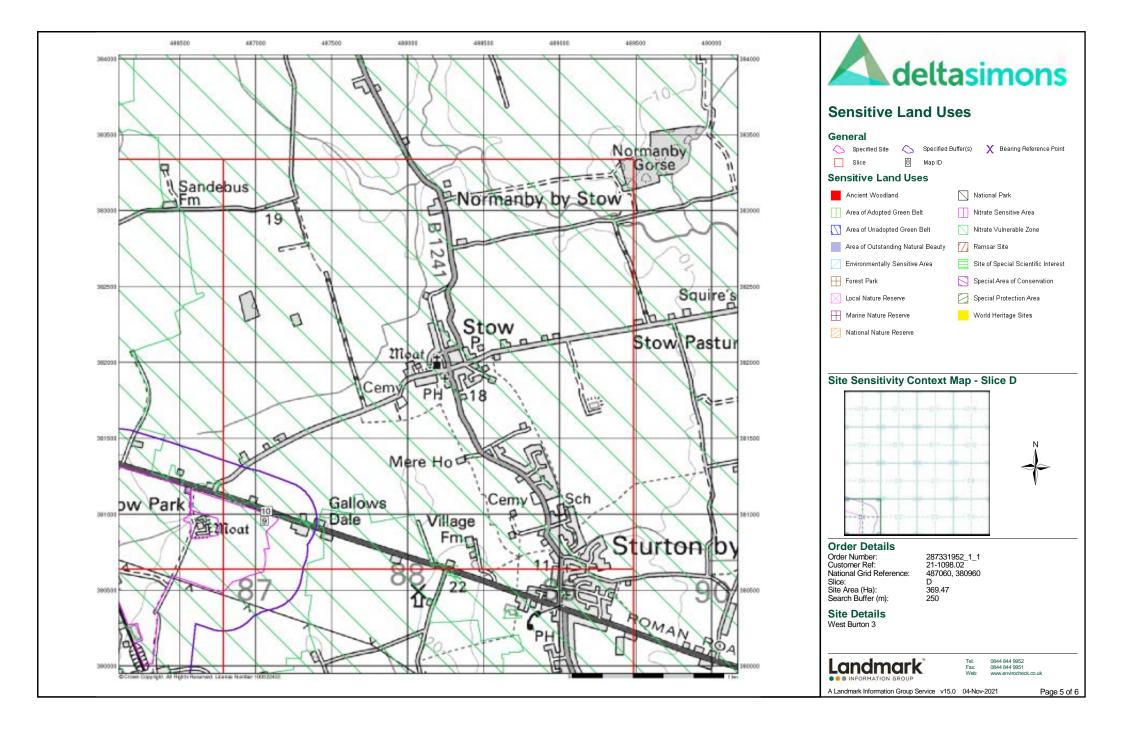


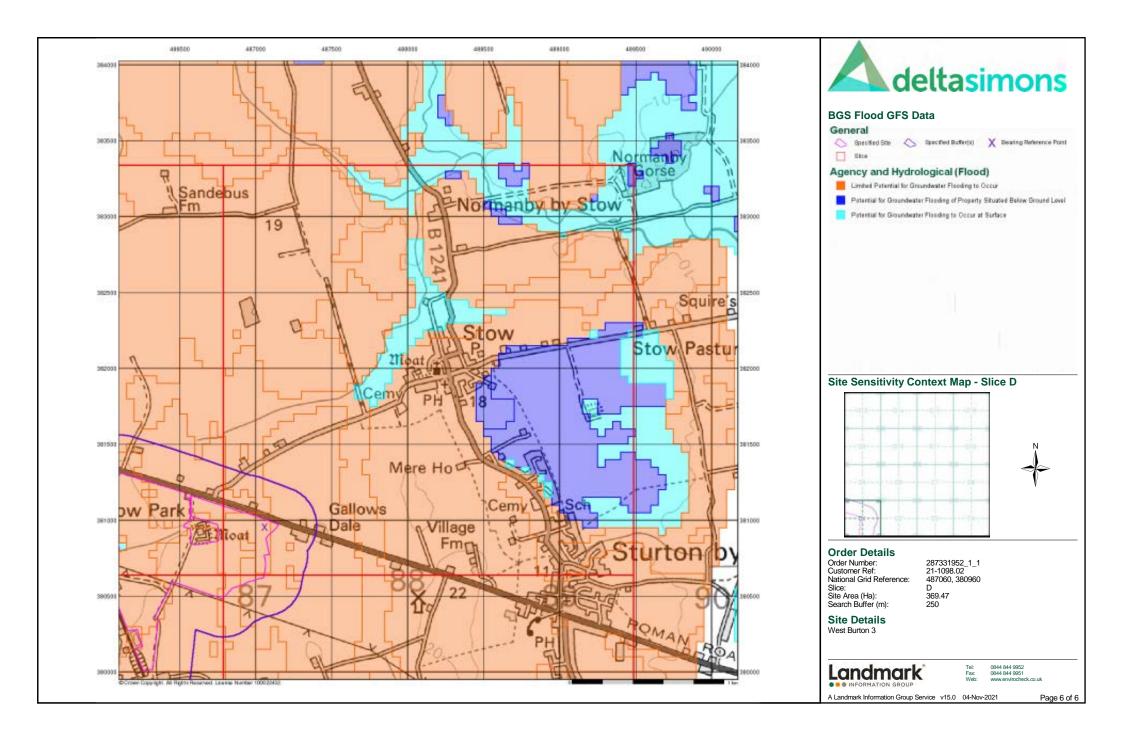














10.4 Preliminary Geo-Environmental Risk Assessment Report for West Burton 4



# Preliminary Geo-Environmental Risk Assessment West Burton Solar Project - West Burton 4

**West Burton Solar Project Limited** Presented to:

Issued: November 2021

Delta-Simons Project No: 21-1098.02





## Report Details

Client	West Burton Solar Project Limited			
Report Title	Preliminary Geo-Environmental Risk Assessment			
Site Address	Land between Clayworth and Gringley on the Hill, Retford, DN22 9AW			
Report No.	21-1098.02_REP_West-Burton-Solar-WB4_PRA_21-11-29			
Delta-Simons Contact	Paul Huteson eltasimons.com)			

## **Quality Assurance**

Issue No.	Status	Issue Date	Comments	Author	Technical Review	Authorised
01	Final	29/11/2021	-	Jessica Rowe Senior Consultant	Paul Huteson Associate Director	Paul Bennett Unit Director

## **About Us**

Delta-Simons is a trusted, multidisciplinary environmental consultancy, focused on delivering the best possible project outcomes for customers. Specialising in Environment, Health & Safety and Sustainability, Delta-Simons provide support and advice within the property development, asset management, corporate and industrial markets. Operating from across the UK we employ over 180 environmental professionals, bringing experience from across the private consultancy and public sector markets.

As part of Lucion Services, our combined team of 500 in the UK has a range of specialist skill sets in over 50 environmental consultancy specialisms including asbestos, hazardous materials, ecology, air and water services, geo-environmental and sustainability amongst others.



Delta-Simons is proud to be a founder member of the Inogen Environmental Alliance, enabling us to efficiently deliver customer projects worldwide by calling upon over 5000 resources in our global network of consultants, each committed to providing superior EH&S and sustainability consulting expertise to our customers. Through Inogen we can offer our Clients more consultants, with more expertise in more countries than traditional multinational consultancy.

Delta-Simons is a 'Beyond Net-Zero' company. We have set a Science-Based Target to reduce our Scope 1 and Scope 2 carbon emissions in line with the Paris Agreement and are committed to reducing Scope 3 emissions from our supply chain. Every year we offset our residual emissions by 150% through verified carbon removal projects linked to the UN Sustainable Development Goals. Our consultancy services to you are climate positive.

If you would like support in understanding your carbon footprint and playing your part in tackling the global climate crisis, please get in touch with your Delta-Simons contact above who will be happy to help.



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### **FIGURES**

Figure 1 – Site Location Map Figure 2 – Site Layout Plan

Figure 3 – Relevant Feature Plan

**APPENDICES** 

Appendix A – Limitations

Appendix B – Risk Definitions

Appendix C – Historical Maps

Appendix D – Landmark Envirocheck Report



### 1.0 Introduction

### 1.1 Appointment

Delta-Simons Environmental Consultants Limited ("Delta-Simons") was instructed by West Burton Solar Project Limited (the "Client") to prepare a Preliminary (Geo-Environmental) Risk Assessment for a parcel of land located between Clayworth and Gringley on the Hill, Retford, DN22 9AW, hereafter referred to as 'West Burton 4' (the "Site"). A Site Location Map is included as Figure 1.

This Report was undertaken in accordance with Delta-Simon's fee proposal dated 20th October 2021. The standard limitations associated with this Assessment are presented in Appendix A.

### 1.2 Context & Purpose

It is understood that the Site is proposed to be developed as a Solar Farm (West Burton Solar Project), however, no proposed development plans have been provided. It is anticipated that the majority of the Site will comprise ground mounted solar arrays with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage.

The aim of this Report is to support the submission of a planning application for the proposed development.

To that end this study assesses the likely environmental issues associated with soil and groundwater conditions that may affect the proposed development of the Site. This Report is designed in general accordance with guidance on Land Contamination: Risk Management pages of the GOV.UK web pages, the relevant requirements of the National Planning Policy Framework (NPPF) (as revised 2021) (paragraphs 174 & 183-184)¹ and the Planning Practice Guidance (Land Affected by Contamination)².

### 1.3 Scope of Works

- A Review of the environmental setting of the Site, including the current use / status of the Site and surrounding area, and review of the geology, hydrogeology and hydrology;
- Review of the historical activities of the Site and surrounding area;
- Review of regulatory information relating to the Site;
- Review of the online planning records for the Site;
- ▲ Consult and review information from the Local Authority in relation to Part 2A of the 1990 Environmental Protection Act;
- Review online records of potential unexploded ordnance risks;
- ▲ Develop an outline Conceptual Site Model, and undertake a Preliminary Risk Assessment with respect to potential contamination focussed on the proposed land use; and
- Provide commentary on potential land contamination and geotechnical constraints in the context of the proposed development.

### 1.4 Existing Information

The following information has been used within the Assessment:

- Current and Historical Ordnance Survey (OS) maps;
- British Geological Survey (BGS) data;
- ▲ Environment Agency (EA) online data;
- ▲ Coal Authority (CA) online data;
- ▲ A Landmark Envirocheck Report for the Site (Ref. 287332060 1 1), dated 4th November 2021;



¹ https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/1004408/NPPF_JULY_2021.pdf

² https://www.gov.uk/guidance/land-affected-by-contamination

- ▲ Historical Maps included as part of the Envirocheck Report; and
- Information provided by Bassetlaw District Council.

#### 1.5 Limitations

The standard limitations associated with this Assessment are presented in Appendix A. In addition, there are the following specific limitations that apply to this Assessment:

- ▲ No proposed development scheme has been provided, however, it is anticipated that the majority of the Site will comprise ground mounted solar panels with associated maintenance access routes and limited infrastructure such as sub-stations and battery storage; and
- A Site walkover has been undertaken as part of this assessment, however, given the scale of the Site it is not feasible to inspect all of the Site, although key areas have been inspected.



## 2.0 Site Context & Data Review

## 2.1 Site Information

Co-ordinates	Centred at National Grid Reference 474000,	Elevation	12 - 72 m AOD	
	388930.	Area	247 Ha	
Site Address and Location	The Site is located to the north east of Brampton, a Lincoln city centre. A Site Location Map is included		15 km north west of	
Site Description	The Site has been assessed through readily available online aerial and street view imagery and a Site Layout Plan is included as Figure 2. In addition, a Delta-Simons representative undertook a Site walkover of readily accessible areas on 24 th November 2021. Pertinent entries observed or reported on-Site are described below and shown on Figure 3, with supporting photographs.			
	The Site consists a series of agricultural fields separated by hedgerows and lan drains with occasional trees along the borders. At the time of the walkover th majority of the fields were in use as arable land. Fields in the central western are were noted to be in use for livestock farming such as sheep and cows.			
	Toft Dyke Drain cuts through the south western corner of the Site and was access via footpath which runs across the south west and southern areas. At the time of walkover Toft Dyke Drain was noted to be dry.			
The Site boundary wraps around a farmyard located off Gringley Road and Lancaster Road of the Site.				
	From readily available online data, the Site is indication approximately 12 m AOD in the south to 72 m A and is in accordance with the local topography.			
Description of Adjacent and Surrounding Land Uses	The Site is located within a predominantly rural area with the surrounding area dominated by agricultural land and a number of farms. The villages of Clayworth and Gringley on the Hill are present adjacent to the south western and north western boundaries, respectively.			

## 2.2 Physical Setting

Published Geology	From the BGS Geology of Britain Online Viewer, superficial deposits are mapped as absent across the majority of the Site. Alluvium (Clay, Silt, Sand and Gravel) is mapped in the south western area of the Site and superficial Till (Diamicton) and Glaciofluvial (Sands and Gravels) may encroach in the north western corner and along the northern boundary, respectively.
	The bedrock is mapped predominately as the Mercia Mudstone Group (Mudstone and Siltstone) with a band distinct band of the Clarborough Member (Mudstone) cutting through the centre of the Site.
	In addition a fault is mapped in the central area of the Site along a north east to south west strike.
Site-Specific Geology	There are three BGS boreholes (Ref. SK79SW25, SK79SW1 and SK79SW26) located within 100 m of the north western boundary of the Site. The boreholes record a general sequence of sand to approximately 4 m bgl followed by marl and grey stone



	to a maximum drilled depth of 26 m bgl. The marl and grey stone are considered to represent the underlying mudstone bedrock.	
Aquifers and Groundwater Receptors  The EA classify the superficial Alluvium as a Secondary A Aquifer and a Glaciofluvial deposits as Secondary Undifferentiated Aquifer. The Mercia Group and Clarborough Member are classified as Secondary B Aquifers.		
	The EA also indicate that the Site is not located within a Groundwater Source Protection Zone (SPZ).	
	According to the Envirocheck® Report there are no licenced groundwater abstractions records within 500 m of the Site.	
Hydrology	There are a series of unnamed land drains across and along the Site boundaries. In addition, Toft Dyke Drain cuts across the south western corner.	
	According to the Envirocheck® Report there are no licenced abstraction records from surface water within 500 m of the Site.	
Mining & Quarrying	Reference to the Coal Authority on-line viewer indicates that the Site is located within a Coal Mining Reporting Area, however is not within a Development High Risk Area. As such a Coal Mining Risk Assessment (CMRA) is unlikely to be required under the planning regime.	
	There are seven BGS Recorded Mineral Sites within 500 m of the Site, the closest of which is located approximately 50 m east relating to the opencast extraction of the Mercia Mudstone Group. The operation is noted as ceased.	
Radon Gas	The Site lies within an area where less than 1% of homes are above the National Radiological Protection Board (NRPB) recommended "action level" for radon. BRE211 (2015) indicates that no radon protective measures are necessary in the construction of new buildings at the Site.	
Agricultural Buried Waste	Legal burial of waste, including asbestos containing materials (ACM) for agriculture was banned in 2006.	
	Prior to that date it is understood farmers were required to make a record of waste burial locations and recommended use a clean cover of soil.	
	There are no known records of agricultural buried waste for this Site, but infilled ponds may represent a source of contamination.	

### 2.3 Sensitive Land Use

Ecological Receptors	It is understood from information provided within the Envirocheck Report that there are no statutory ecological receptors located within 500 m of the Site.
Heritage Interest	Historic England Records indicate that there is a Grade II listed building located within 100 m of the north east boundary (The Green, Conservatory and Boundary Wall).

## 2.4 Historical Use of the Site & Surrounding Area

### 2.4.1 Approach

The historical development of the Site and surrounding area has been assessed through a review of historical maps, aerial photographs and Google Earth historical satellite imagery. A summary of the key historical Site uses and developments in the surrounding area is presented below. Copies of selected historical maps are included as Appendix C.



#### 2.4.2 Historical Information Review

The following table provides a review of the historical information for the Site, adjacent and surrounding area.

Historical Features On-Site	From the earliest map edition dated 1885, the Site is largely undeveloped and comprises a series of agricultural fields with associated land drains and a single pond in the north eastern area. Lancaster Road is indicated to cut through the central eastern aera of the Site.  The Site remains consistent until the 1982 map edition, where the pond in the north east is no longer mapped and is potentially infilled.  No further alterations are noted, and the Site remains consistent until present day.
Potentially Contaminative Historical Features Off-Site	Potential sources of contamination located within 250 m are limited to the adjacent farmyard in the western area (Highfield Farm) which is mapped from the earliest map edition dated 1885 until present and the present of a sand pit located approximately 100 m north of the Site from the earliest map edition until 2008.

#### 2.4.3 Unexploded Ordnance (UXO)

The Zetica Regional Unexploded Bomb Risk Map for the area of the Site ( indicates a low risk from unexploded ordnance at the Site.

#### 2.5 Environmental Database Review

The Landmark Envirocheck® Report provides a database of environmental information held by various statutory bodies including the EA, Local Authority (LA), Health & Safety Executive (HSE) and Public Health England amongst others. A copy of the Envirocheck Report is provided in Appendix D and the most relevant information is summarised below.

Features On-Site	The Landmark Envirocheck® Report lists a single Discharge Consent located on- Site in the south eastern area. The consent related to the discharge of sewage bu a water company into a freshwater stream/tributary.			
Potentially Contaminative Features Off-Site	Pertinent entries included within the Landmark Envirocheck® Report, located withi 250 m of the Site, include the following:  A Three Discharge Consents, the closest of which is located approximately 145 r south west relating to storm sewage overflow. The consent was issued i September 2011 and revoked in August 2011;			
	<ul> <li>One area of potential infilled land (non-water) located approximately 100 m north of the Site;</li> </ul>			
	▲ Six Contemporary Trade Directory Entries, the closest of which is located approximately 85 m south west relating to an inactive cutlery manufactures; and			
	▲ Two Commercial Services Points of Interest located approximately 95 m south west relating to pest and vermin control.			
	There are no BGS, EA or Historical Landfill Sites within 500 m of the Site.			

### 2.6 Planning Review/Regulatory Enquiries

On-line Planning Review  Bassetlaw District Council		Date Accessed	16/11/2021
Findings	There are no planning applications listed for the Site.		
	No additional potentially contaminative activities or other information pertinent to this assessment was identified from the historical planning records.		



## 3.0 Conceptual Site Model

#### 3.1 Introduction

A Conceptual Site Model (CSM) represents the relationships between contaminant sources, pathways and receptors, to support the identification and assessment of contaminant linkages.

#### 3.2 Potential Contamination Sources

Identified potential contamination sources are presented in the following table:

Reference	Source	Location	Dates Present	Potential Associated Contaminants of Concern
S1	Agricultural use including small scale fuel spills/leaks from machinery	Site-wide	Pre 1885 to present	Heavy metals and hydrocarbon compounds
S2	Potentially infilled ponds	North eastern area	1982 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas
S3	Potential for buried asbestos waste	Site-wide	Pre 2006 to present	Asbestos
S3	Infilled land associated with sand pit	100 m north	2008 to present	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas
S8	Unrecorded on and off-Site sources	Unknown	Unknown	Asbestos, heavy metals, hydrocarbon compounds and hazardous ground gas

### 3.3 Potential Pathways

The potential pathways are considered to be as follows:

- ▲ Direct contact, ingestion or inhalation of soil bound contaminants / dust during or following redevelopment.
- Inhalation of organic vapours associated with contamination.
- Migration of ground gas / vapours into on-Site buildings causing asphyxiation or risk of explosion.
- ▲ Leaching of contamination into groundwater followed by migration of groundwater to the wider groundwater environment or discharge to surface waters.
- Direct contact between aggressive ground conditions and new infrastructure.

#### 3.4 Potential Receptors

Relevant potential receptors are considered to include:

- Construction workers.
- ▲ Third parties during construction (adjacent Site users and adjacent residents).
- Future Site users including maintenance workers.
- Controlled waters including on and off-Site land drains.
- The underlying Secondary Undifferentiated and Secondary B Aquifers.
- The Built Environment (new buildings and infrastructure / utilities).



Source	Pathway(s)	Receptor(s)	Risk Ratings	Justification & Mitigation (if required)
	Direct contact/ ingestion and inhalation of dust, vapours and asbestos fibres.	Future Site users.  Groundworkers during the redevelopment or during any sub- surface maintenance works.	Very Low Risk	Limited potential sources of contamination have been identified at the Site associated with the Sites former agricultural. Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low. No further works are considered to be required.  A 'hotspot' protocol should be in place during the redevelopment for ground workers to act upon should suspected contamination be identified.  Groundworkers should use appropriate personal protective equipment (PPE), including respiratory protective equipment (RPE), if required and maintain good standards of hygiene to be protected from any soil contamination which may be present.
Sources Identified in Section 3.2.	Leaching of contamination into groundwater.  Vertical and lateral migration of contamination through permeable deposits below the Site.	Controlled waters.	Very Low Risk	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
	Direct contact.	Buried infrastructure.	Low Risk	Sulphates within the ground have the potential to attached buried infrastructure. Based on the anticipated natural clay soils at the Site, the risk is considered low, however it would be prudent to assess the sulphate class of the soils at the time of any geotechnical investigation.  It is considered unlikely that new potable water supply pipes are required.
Hazardous ground gas (Potential infilled pond and off-Site pit).	Accumulation of gas in enclosed spaces and subfloor voids.	Buildings and future Site users.	Very Low Risk	Limited sources of ground gas have been identified at the Site associated with a potential infilled pond in the north eastern area.  Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is considered very low, as such, no further assessment is required.



## 4.0 Conclusions & Recommendations

### 4.1 Land Contamination Risks and Liabilities

Soils	Given the very low sensitivity end use comprising a solar farm the risk to future Site users is considered very low and no further assessment is required.
Groundwater	No significant potential sources have been identified and there are no licensed groundwater abstraction records for potable water within 500 m of the Site, as such, the risk to controlled waters is considered very low.
Ground Gas  Limited sources of ground gas have been identified at the Site associate potential infilled pond in the north eastern area.	
	Given the very low sensitivity end use comprising a solar farm with limited infrastructure comprising battery storage and sub-stations, the potential for hazardous ground gas to accumulate is considered very low, as such, no further assessment is required.
Building Fabric & Aggressive ground chemistry may attack buried concrete and therefore may be a requirement for protection measures to be put in place at the S	
Materials Management	Earthworks will need to be undertaken under a Materials Management Plan (MMP) in accordance with the CL:AIRE Code of Practice to facilitate the reuse of these materials. The Contractor shall be responsible for the preparation of a MMP and obtaining appropriate sign off from a Qualified Person prior to the commencement of earthworks.
Potential Contaminated Land Development Risks	Widespread contamination is considered unlikely and the preliminary risk assessment has identified a <b>very low to low</b> risk of soil/groundwater contamination and hazardous ground gas at the Site.

### 4.2 **Geotechnical Considerations**

Uncertainty and Data Gaps	This assessment is based on desk study information only. No Site-specific ground investigation data has made available for review.		
Preliminary Ground Model	Based on the available information, it is anticipated that the Site is likely underlain by a sequence of Topsoil and Alluvium in the southern area subsequently underlain by mudstone bedrock. Superficial Till and Glaciofluvial deposits may encroach in the north western corner and along the northern boundary. Bedrock is anticipated directly below Topsoil across the remainder of the Site.		
	Given the presence of a land drains, groundwater is expected to be shallow or perched.		
Plausible Geo-Hazards	The geohazards listed below have been identified to follow guidance presente in the HE document CD622 'Managing Geotechnical Risk' (2019) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.		
	The following geohazards are considered to be substantial ground related risks associated with the proposed development. A substantial risk is defined by Delta-Simons in Appendix B.		
	▲ Potential for Made Ground associated with the potentially infilled pond in the north eastern area. Made Ground is typically variable in nature and		



- strength with a potentially low bearing capacity and unacceptable levels of total/differential settlement may occur;
- Potential for shallow groundwater within the granular superficial deposits; and
- Possible shrink/swelling of clay due to trees bordering the Site and along field boundaries.

### 4.3 Recommendations and Development Constraints

#### Recommendations

The following recommendations and development abnormals area considered appropriate;

- ▲ A geotechnical Site investigation to assess in-situ geotechnical soil strength testing / laboratory testing and CBRs, in order to inform proposed foundation/roadway design;
- A hotspot protocol should be put in place for groundworks to act upon should potential contamination be identified; and
- ▲ Subject to the proposed development scheme a Materials Management Plan (MMP) may be required in accordance with regulatory protocols during redevelopment.

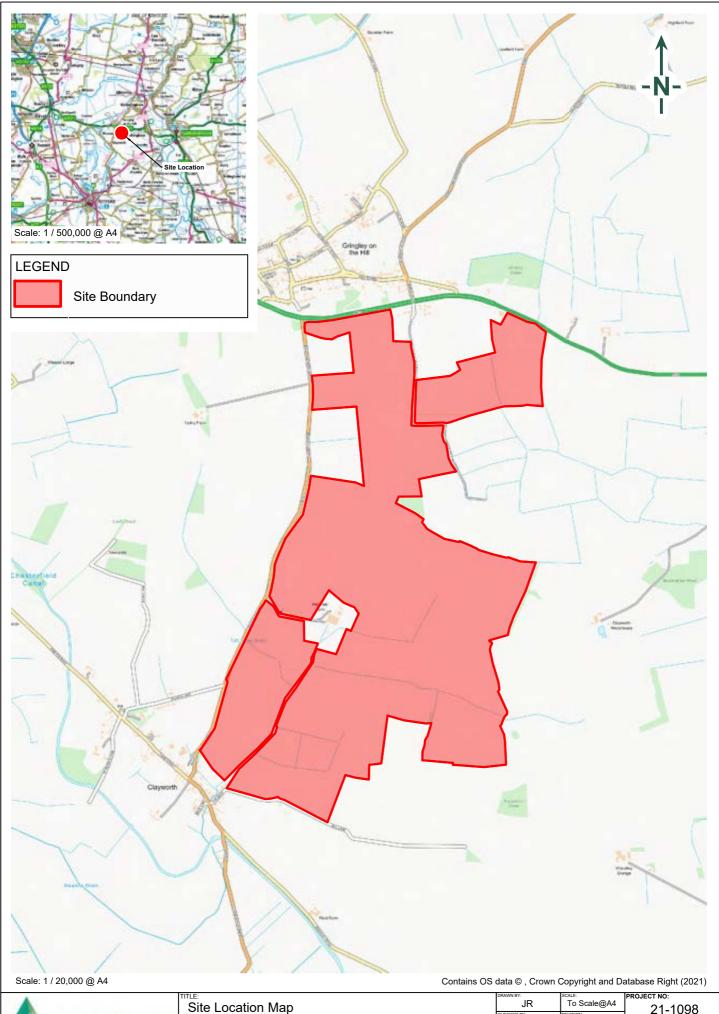


# **Figures**



# Figure 1 – Site Location Map





deltasimons

Site Location Map
West Burton Solar Project
West Burton 4

# Figure 2 – Site Layout Plan





Site Layout Plan
West Burton Solar Project
West Burton 4

DRAWN BY:	SCALE:	PROJECT NO:
JR	Not to Scale	21-1098.02
CHECKED BY:	REVISION:	21-1090.02
PH	1	FIGURE NO:
DATE: 8th Nove	ember 2021	2

# Figure 3 – Relevant Feature Plan













Relevant Features Plan West Burton Solar Project West Burton 4

JR NTS

FIGURE NO:

DATE: 26th November 2021

3

21-1098.02

# **Appendices**



# Appendix A – Limitations



#### Limitations

This Report was prepared by Delta-Simons Environmental Consultants Ltd (Delta-Simons) for the sole and exclusive use of the Client and for the specific purpose for which Delta-Simons was instructed. Nothing contained in this Report shall be construed to give any rights or benefits to anyone other than the Client and Delta-Simons, and all duties and responsibilities undertaken are for the sole and exclusive benefit of the Client and not for the benefit of any other party. Delta-Simons does not intend, without its written consent through a formal letter of reliance or warranty, for this Report to be disseminated to any party other than the named Client or to be used or relied upon by any party other than the named Client. Use of the Report by any other party is unauthorised and such use is at the sole risk of the user. Any party using or relying upon this Report, other than the Client, agrees by virtue of its use to indemnify and hold harmless Delta-Simons from and against all claims, losses and damages (of whatsoever nature and howsoever or whensoever arising), arising out of or resulting from the performance of the work by Delta-Simons. Unless explicitly agreed otherwise, in writing, this Report has been prepared under Delta-Simons' Standard Terms and Conditions as included within our proposal to the Client.

The recommendations contained within this Report represent Delta-Simons professional opinions, based upon the information detailed within the Report, exercising the reasonable skill and care to be expected of a professional consultant holding itself out as having the competence, experience and resources necessary for the purpose of carrying out similar work in scope and character to the services performed. The Report needs to be considered in the light of the proposal and associated limitations of scope. The Report needs to be read and considered in full and isolated sections cannot be used without full reference to other elements of the report and any previous works referenced within the Report.

Where Delta-Simons has obtained, reviewed and evaluated information in preparing this Report from the Client and others and Delta-Simons conclusions, opinions and recommendations has been reasonably determined using this information, Delta-Simons does not warrant the accuracy of the third-party information provided to it and cannot be responsible for any opinions which Delta-Simons has expressed, or conclusions which it has reached in reliance upon information which is subsequently proven to be inaccurate.

Site surveys document the conditions encountered at the time of survey only and conditions may change due to natural processes or human intervention. As such, surveys represent an assessment at a specific point in time and Delta-Simons cannot be responsible for adverse conditions which arise or become apparent after the time of the survey or for conditions which sit outside the scope for which the survey or Report was commissioned.

Where intrusive investigations have been completed, information, comments and opinions given in this report are based on the ground conditions encountered during the site work period and on the results of laboratory and field tests performed during the investigation. Ground conditions are inherently variable such that no investigation can be exhaustive to the extent that all adverse conditions are revealed. Conditions may therefore be present beneath the site that were not apparent in the data reviewed or obtained as part of this assessment. It should be noted that groundwater levels vary due to seasonal and other effects and may at times differ to those measured during the investigation. Delta-Simons does not warrant or guarantee that the Site is free of hazardous or potentially hazardous materials or conditions. Where risk assessment is undertaken, this is based upon the standards, guidance and common practice at the time of the assessment and Delta-Simons cannot be responsible for conditions which become apparent following changes in guidance or practice or advancements in scientific knowledge which change the position in relation to assessment of risk.

No aspect of this Report constitutes a design. Where this information is used in design, the designer should verify the information has been used appropriately.

Where budgets are prepared and presented within the Report, these are for information only to indicate the likely magnitude of a cost and do not represent an invitation to treat for the works. All budgets and programmes presented should be reviewed and verified by appropriately qualified and experienced independent Project Managers and Cost Consultants.



# Appendix B – Risk Definitions



### Contaminated Land Risk Definitions

The following methodology is based on the methodology presented in CIRIA C552 Contaminated Land Risk Assessment: A Guide to Good Practice 2001. It requires the classification of the:

Magnitude of the potential consequence (severity) of the Risk occurring: and

Magnitude of the Probability (likelihood) of the Risk occurring.

The classifications are then compared to indicate the risk presented by each pollutant linkage.

### **Consequence to Receptor Definition Matrix**

	Human Health	Controlled Waters	Buildings/Services
Severe Consequence	Acute or chronic permanent impact on human health.	Sensitive controlled water pollution ongoing, or just about to occur.	Catastrophic collapse
	Chronic permanent impact on human health	Gradual pollution of sensitive controlled water	Degradation of materials
IIVIIIA CANSANIIANCA	Chronic temporary impact on human health	Gradual pollution of non-	Damage to building rendering it unsafe.to occupy (e.g. foundation damage resulting in instability).
Minor Consequence	Non-permanent health effects to human health (easily prevented by means such as personal protective clothing etc).	Slight discoloration of water	Easily repairable effects of damage to buildings, structures and services, i.e. discoloration of concrete

### **Probability Definitions**

Probability	Definition in Context
Higher	There is a pollution linkage and an event that either appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.  Positive evidence of source, pathway and receptor.
Likely	There is a 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.  Suspect source, pathway, and receptor
Low Likelihood	There is a pollution linkage and circumstances are possible under which an event could occur.  However, it is by no means certain that even over a longer period such event would take place, and is less likely in the shorter term.
Unlikely	There is a pollution linkage but circumstances are such that it is improbable that an event would occur even in the very long term.  No evidence of hazard, pathway, and receptor



### **Standard Risk Matrix**

			Consequence/Ma	gnitude of impact	
		Severe	Medium	Mild	Minor
<u>ج</u>	High	Very High	High	Moderate	Moderate/Low
Probability	Likely	High	Moderate	Moderate/low	Low
Prob	Low Likelihood	Moderate	Moderate/low	Low	Very Low
_	Unlikely	Moderate/low	Low	Very Low	Very Low

### Classified risks and likely action

Significance Level	Definition/Comments
	There is a high probability that severe harm could arise to a designated receptor from an identified hazard, OR, there is evidence that severe harm to a designated receptor is currently happening.
Very High Risk	This risk, if realised, is likely to result in a substantial liability. Urgent investigation (if not undertaken already) and remediation are likely to be required.
	Demonstrable contaminated land situation, highest threat & liability level, urgent action recommended.
	Harm is likely to arise to a designated receptor from an identified hazard.
High Risk	Realisation of the risk is likely to present a substantial liability. Urgent investigation (if not undertaken already) is required and remedial works may be necessary in the short term and are likely over the longer term.
	Likely contaminated land situation, risk assessment and action recommended.
	It is possible that harm could arise to a designated receptor from an identified hazard. However, if is either relatively unlikely that any such harm would be severe, or if any harm were to occur it is more likely that the harm would be relatively mild.
Moderate	Investigation (if not already undertaken) is normally required to clarify the risk and to determine the potential liability. Some remedial works may be required in the longer term.
	Plausible contaminated land situation, risk assessment and possible action recommended.
Low Risk	It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.
	Unlikely contaminated land situation, possible risk assessment and possible action.
Very Low Risk	There is a low possibility that harm could arise to a receptor. In the event of such harm being realised it is not likely to be severe.
	Negligible risk, no action recommended except vigilance for changes in conditions.



### Geotechnical Risk Classification

The geohazards listed in the report within Section 4 follow guidance presented in Clayton, C.R.I. (2001) *Managing Geotechnical Risk*, Thomas Telford and the Highways Agency document CD622 '*Managing Geotechnical Risk*' (2008) which aims to identify and manage the geotechnical risks associated with a scheme throughout its lifespan, from planning to construction to maintenance.

For each geohazard the probability of the hazard occurring (P) has been considered together with the impact it would have (I) if it were to happen to calculate the risk rating between 1 and 25.

Risks that fall within Moderate, Significant and Severe categories below are considered to be **substantial** and are therefore listed within the report.

Probability	(P)	
Very Likely (VLk)	5	
Likely (Lk)	4	\
Plausible (P)	3	
Unlikely (U)	2	
Very Unlikely (VU)	1	

Impact	<b>(I)</b>	
Very High (VH)	5	
High (H)	4	=
Medium (M)	3	
Low (L)	2	
Very Low (VL)	1	

(R)	Risk
20 – 25	Severe
15 – 19	Substantial
10 – 14	Moderate
5 – 9	Minor
1 – 4	Negligible



# Appendix C – Historical Maps



# **Historical Mapping Legends**

## **Ordnance Survey County Series 1:10,560** Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy.

County Burgh Boundary (Scotland)

Rural District Boundary

····· Civil Parish Boundary

Co. Burgh Bdy.

R.D. Bdy.

### Ordnance Survey Plan 1:10,000

وسرسه	Chalk Pit, Clay Pit or Quarry	000000	Gravel Pit
	Sand Pit	(	Disused Pit or Quarry
1:0:0:0	ີ∴ Refuse or .່∕ Slag Heap	<b></b>	Lake, Loch or Pond
	Dunes	000	Boulders
<b>* * /</b>	Coniferous Trees	400	Non-Coniferous Trees
ቀ ቀ	Orchard Ω n _	Scrub	∖Yn/ Coppice
ជ ជ ជ	Bracken	Heath	Grassland
<u> </u>	- MarshV///	Reeds	<u>্র</u> Saltings
	Direct Building	tion of Flow of	Shingle
	Glasshouse	<i>3</i> //	Sand
	Sloping Masonry	Pole	<ul><li>Electricity</li><li>Transmission</li><li>Line</li></ul>
Cutting	Embankm	ent	Standard Gauge '' Multiple Track
Road			Standard Gauge Single Track
Under ———	Over Cross	sing Bridg	Siding, Tramway or Mineral Line
			→ Narrow Gauge
	Geographical Co	unty	
	— Administrative Co		Borough
	Municipal Borous Burgh or District		ural District,
	Borough, Burgh Shown only when n	or County Cor	
	Civil Parish Shown alternately w	vhen 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 FB	Fire Engine Station	PH SB	Public House
FB Fn	Foot Bridge Fountain	SB Spr	Signal Box Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post

Mile Post

Telephone Call Post

## 1:10,000 Raster Mapping

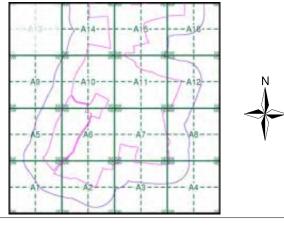
(EED)	Gravel Pit	(EED)	Refuse tip or slag heap
2,7,7	Rock	, ,	Rock (scattered)
	Boulders		Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand	(III)	Sand Pit
111111111	Slopes	הרהרהרה ההבנה	Top of cliff
	General detail		Underground detail
	Overhead detail	**********	Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only)		Civil, parish or community boundary
	District, Unitary, Metropolitan, London Borough boundary		Constituency boundary
**	Area of wooded vegetation	مم مم	Non-coniferous trees
۵۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	Q	Positioned tree
φ φ φ φ	Orchard	R R	Coppice or Osiers
ustr.	Rough Grassland		Heath
On_	Scrub	s <u>N</u> ie	Marsh, Salt Marsh or Reeds
S	Water feature	<del>-</del>	Flow arrows
MHW(S)	Mean high water (springs)	MLW(S)	Mean low water (springs)
	Telephone line (where shown)		Electricity transmission line (with poles)
4- ВМ 123.45 m	Bench mark (where shown)	Δ	Triangulation station
•	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stac or lighting tower
•‡•	Site of (antiquity)		Glasshouse
	General Building		Important Building



## **Historical Mapping & Photography included:**

	T	_	
Mapping Type	Scale	Date	Pg
Nottinghamshire	1:10,560	1885	2
Nottinghamshire	1:10,560	1900	3
Nottinghamshire	1:10,560	1921 - 1922	4
Nottinghamshire	1:10,560	1948	5
Ordnance Survey Plan	1:10,000	1956	6
Ordnance Survey Plan	1:10,000	1981 - 1983	7
Ordnance Survey Plan	1:10,000	1992	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

## **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): 247.84 Search Buffer (m): 250

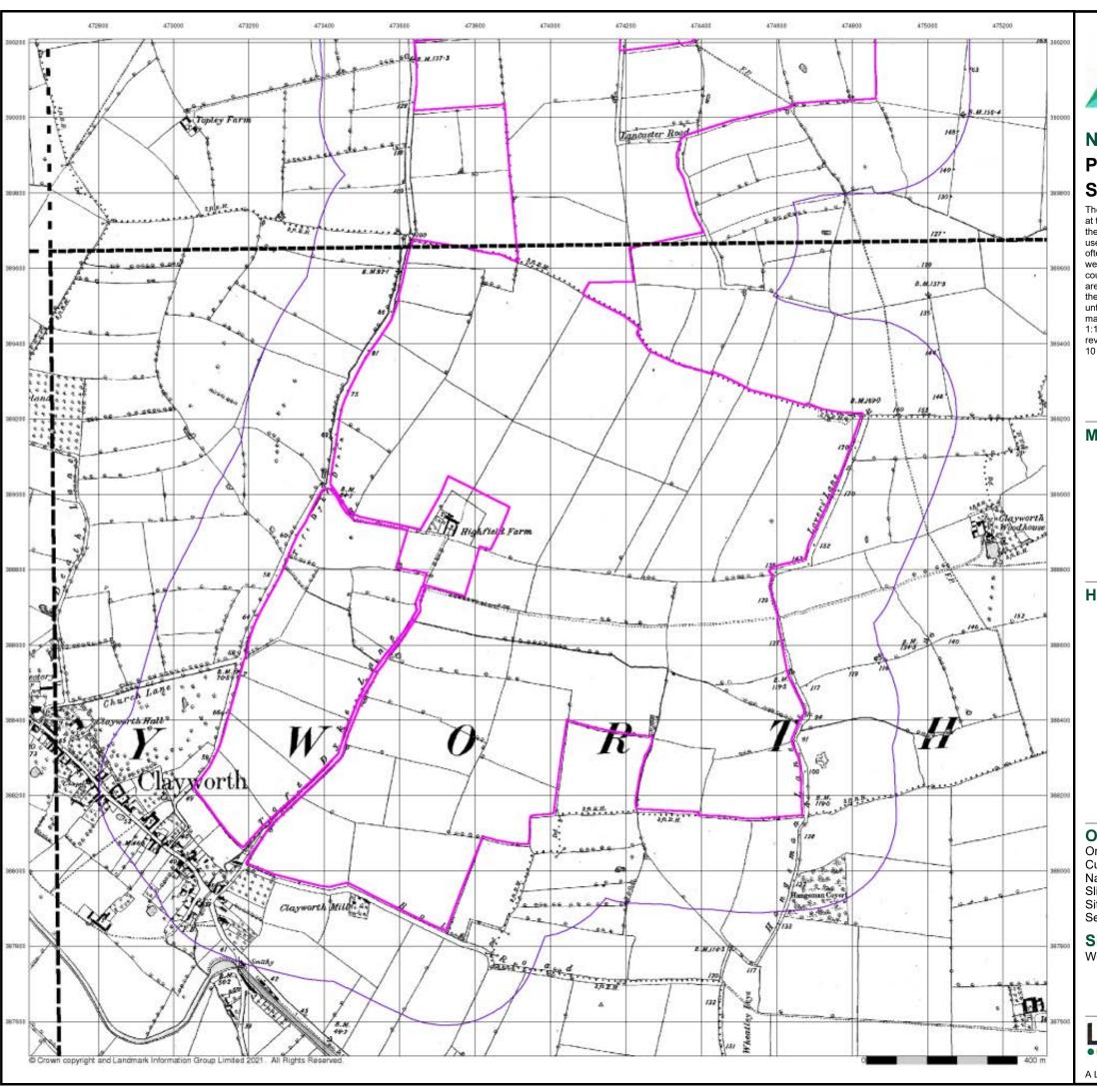
**Site Details** 

West Burton 4



0844 844 9951 www.envirocheck.co.uk

A Landmark Information Group Service v50.0 04-Nov-2021 Page 1 of 11





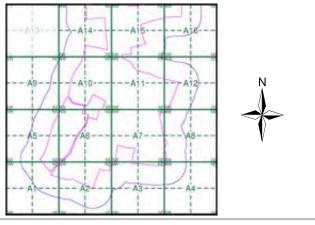
## **Nottinghamshire** Published 1885 Source map scale - 1:10,560

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)

_		!	- 1
1	006NE	007NW	- 1
i	1885 1:10,560	1885 1:10,560	
- 1			i
1	006SE	007SW	ı
1	006SE 1885 1:10,560	007SW 1885 1:10,560	   

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

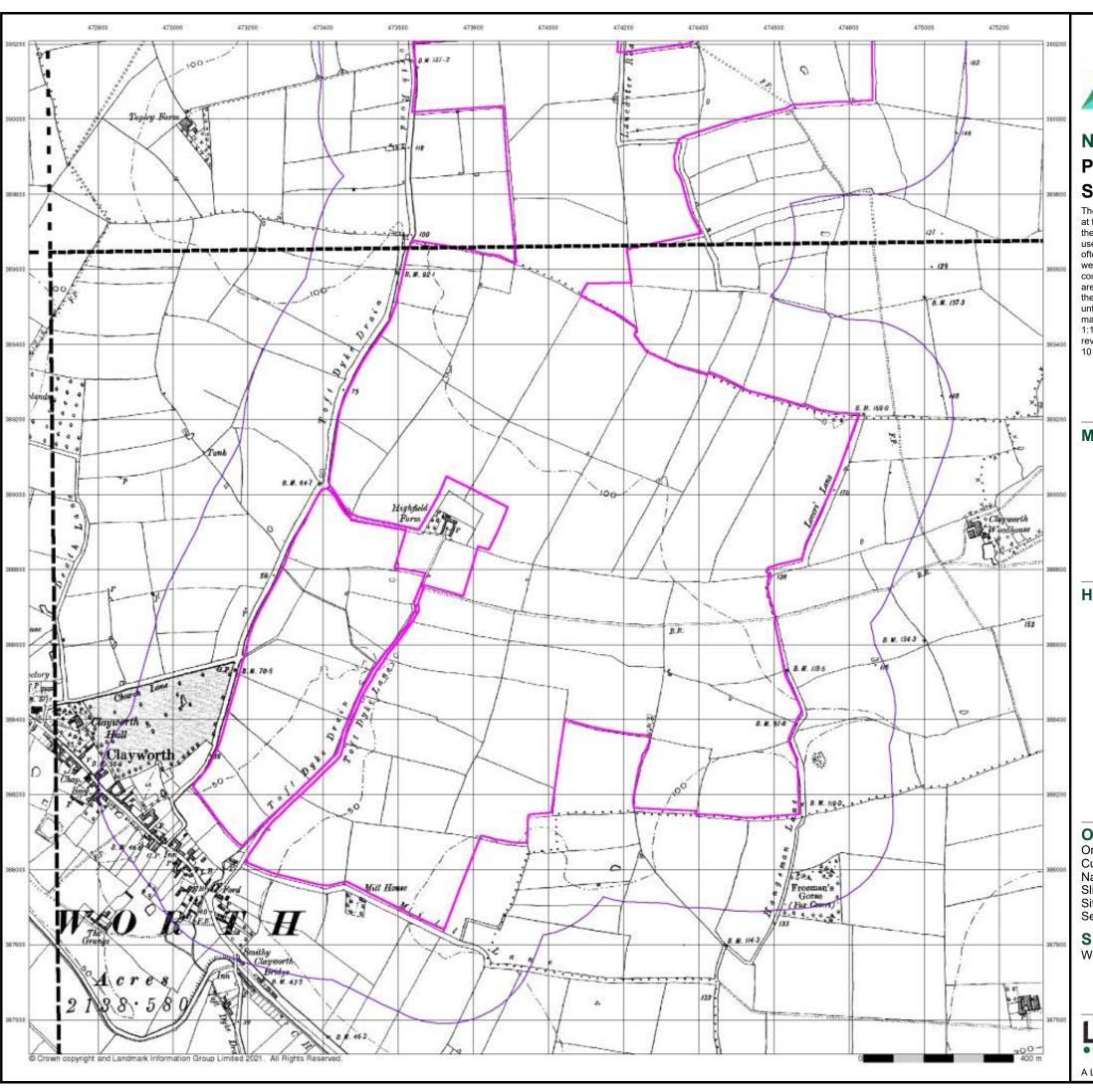
## **Site Details**

West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 2 of 11





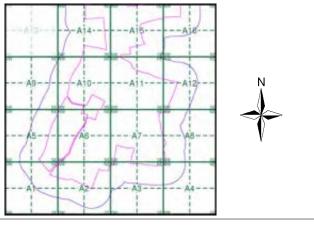
# **Nottinghamshire** Published 1900 Source map scale - 1:10,560

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)

_			_	- 1
 	006NE 1900 1:10,560		007NW 1900 1:10,560	I I
				- 1
 1 1	006SE 1900 1:10,560	         	007SW 1900 1:10,560	  -  
		ı		- 1

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

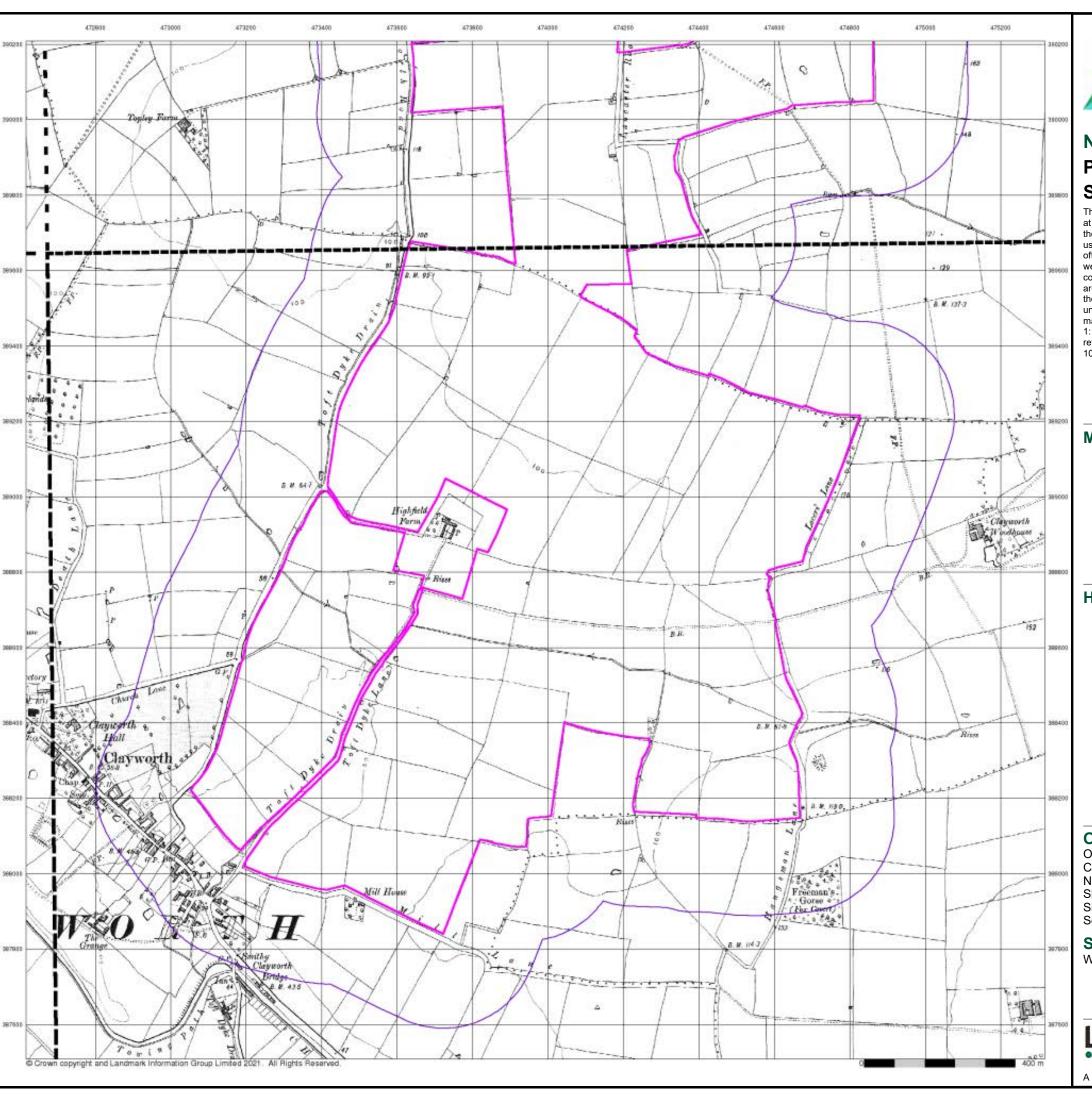
## **Site Details**

West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 3 of 11





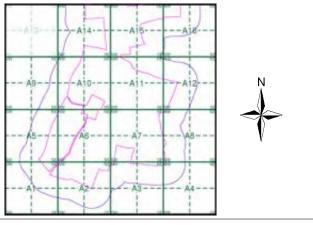
## **Nottinghamshire** Published 1921 - 1922 Source map scale - 1:10,560

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)

	_		_	_	- 1
i i		006NE 1922 1:10,560	   	007NW 1921 1:10,560	 
- 1					
I		006SE	!	007SW	1
1		1922 1:10,560		1921 1:10,560	i
- 1			į		·

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

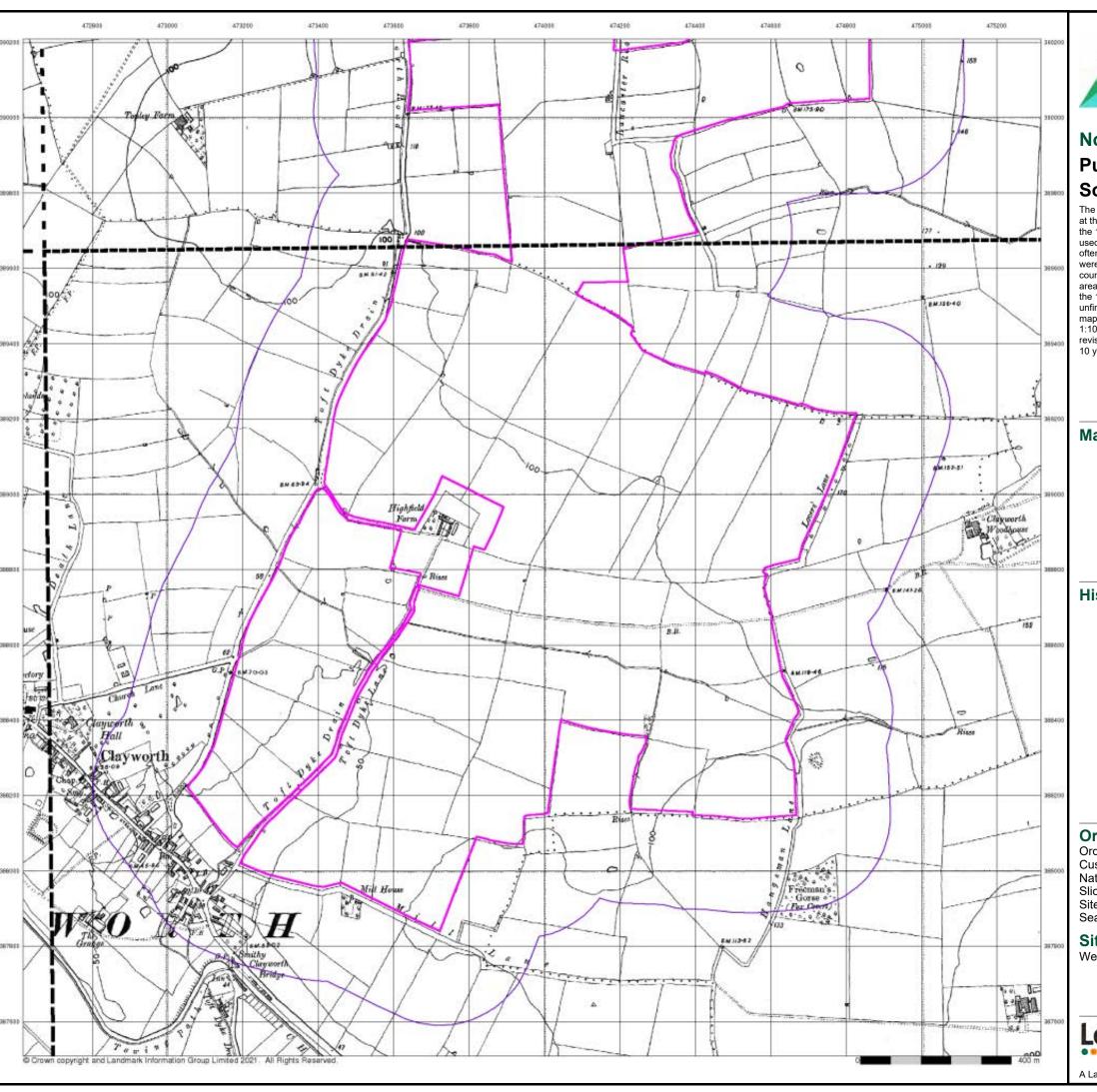
## **Site Details**

West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 4 of 11





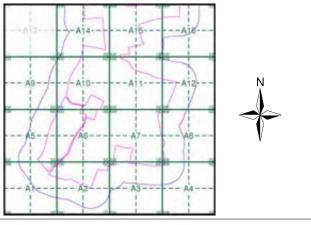
# **Nottinghamshire Published 1948** Source map scale - 1:10,560

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)

_		_		
I	006NE 1948		007NW 1948	1
ı	1:10,560	İ	1:10,560	1
I				
I	006SE		007SW	
1	1948 1:10,560		1948 1:10,560	i
		:		

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 21-1098.02 Customer Ref: National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

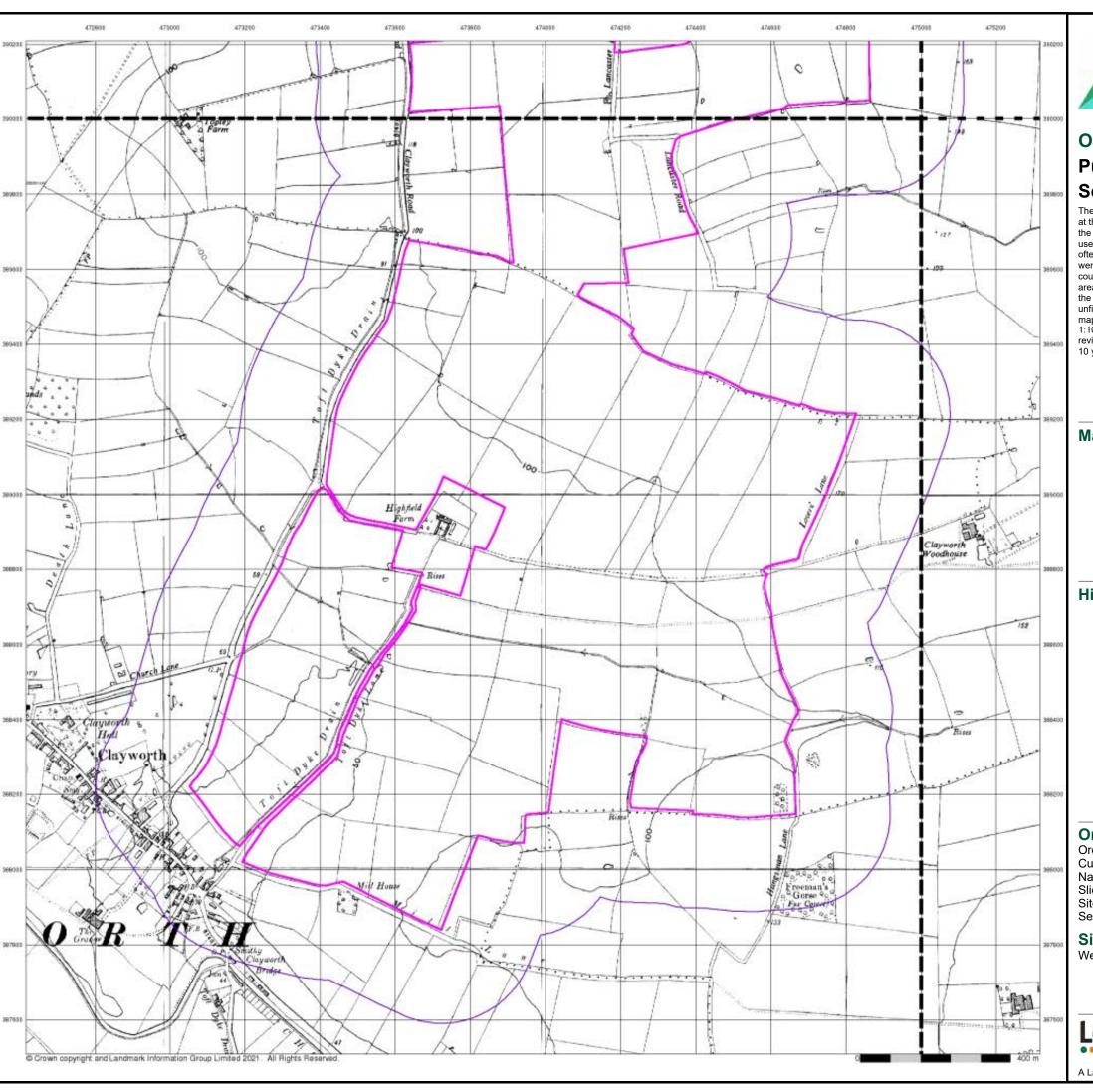
## **Site Details**

West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 5 of 11





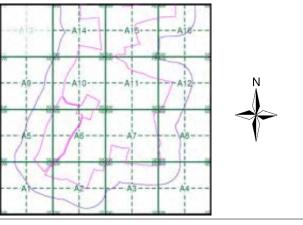
## **Ordnance Survey Plan** Published 1956 Source map scale - 1:10,000

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)

_	_	_		_	_	_
- 1	SK79	sw	-1	SK7	9SE	I
- 1	1956 1:10,	560	1	1956		I
- 1	0,		1		,000	1
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ī	_ SK78	- NW	ī	_ SK7	– BNE	_ I
   	SK78 1956 1:10.		Ī	SK78	5	_   

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

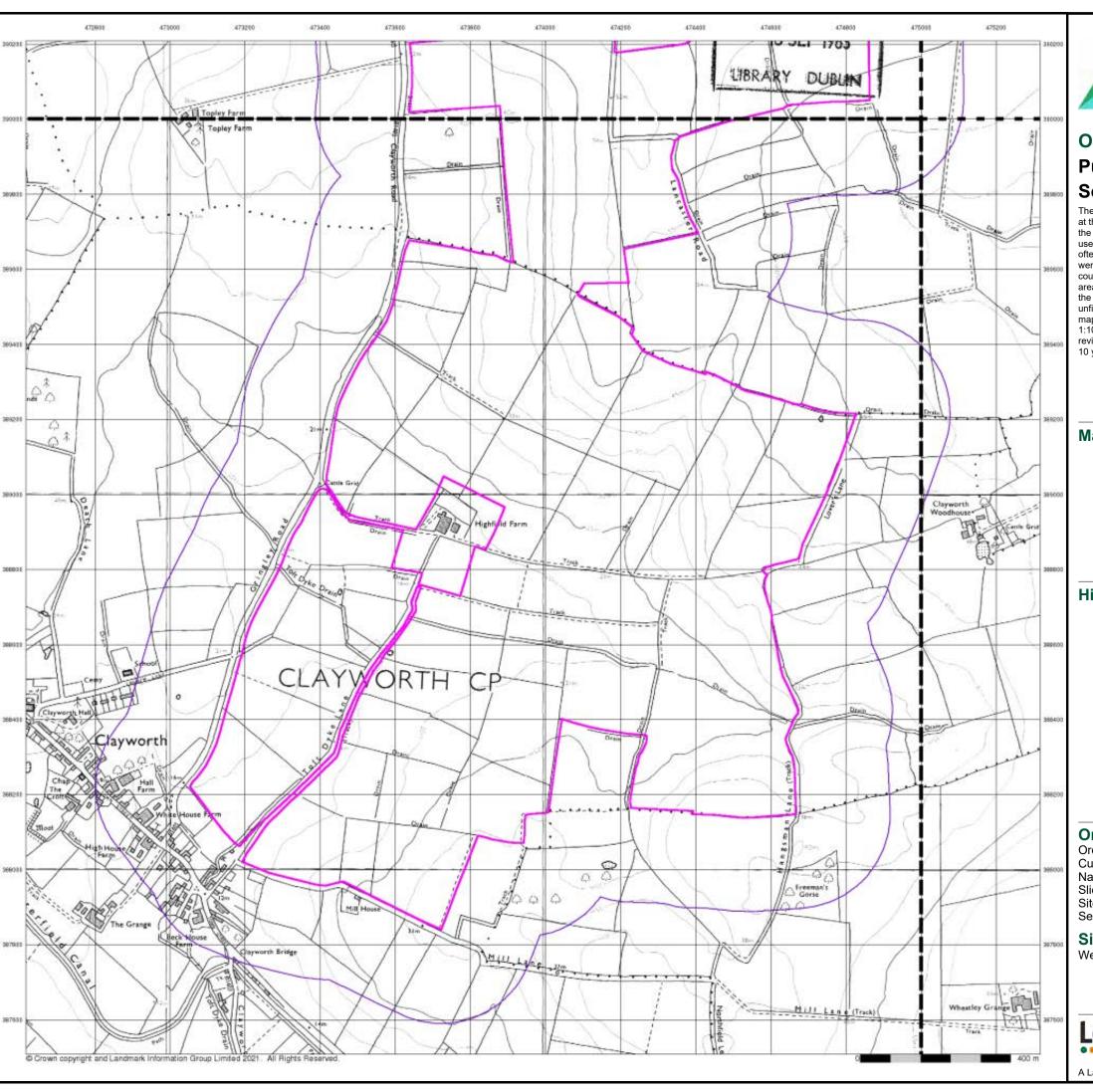
## **Site Details**

West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021 Page 6 of 11





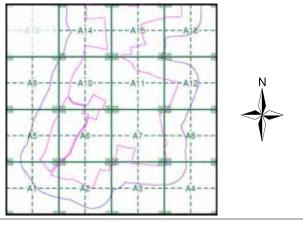
## **Ordnance Survey Plan Published 1981 - 1983** Source map scale - 1:10,000

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)

1	SK79	sw	- 1	SK79	SE	ı
I	1982 1:10,		-1	1983 1:10,		ı
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	SK78	NW	- 1	SK78	BNE	ı
, 1	1981			1981		' '
İ			i			ı
-  -	1981		i	1981		1

### **Historical Map - Slice A**



### **Order Details**

Order Number: 287332060_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

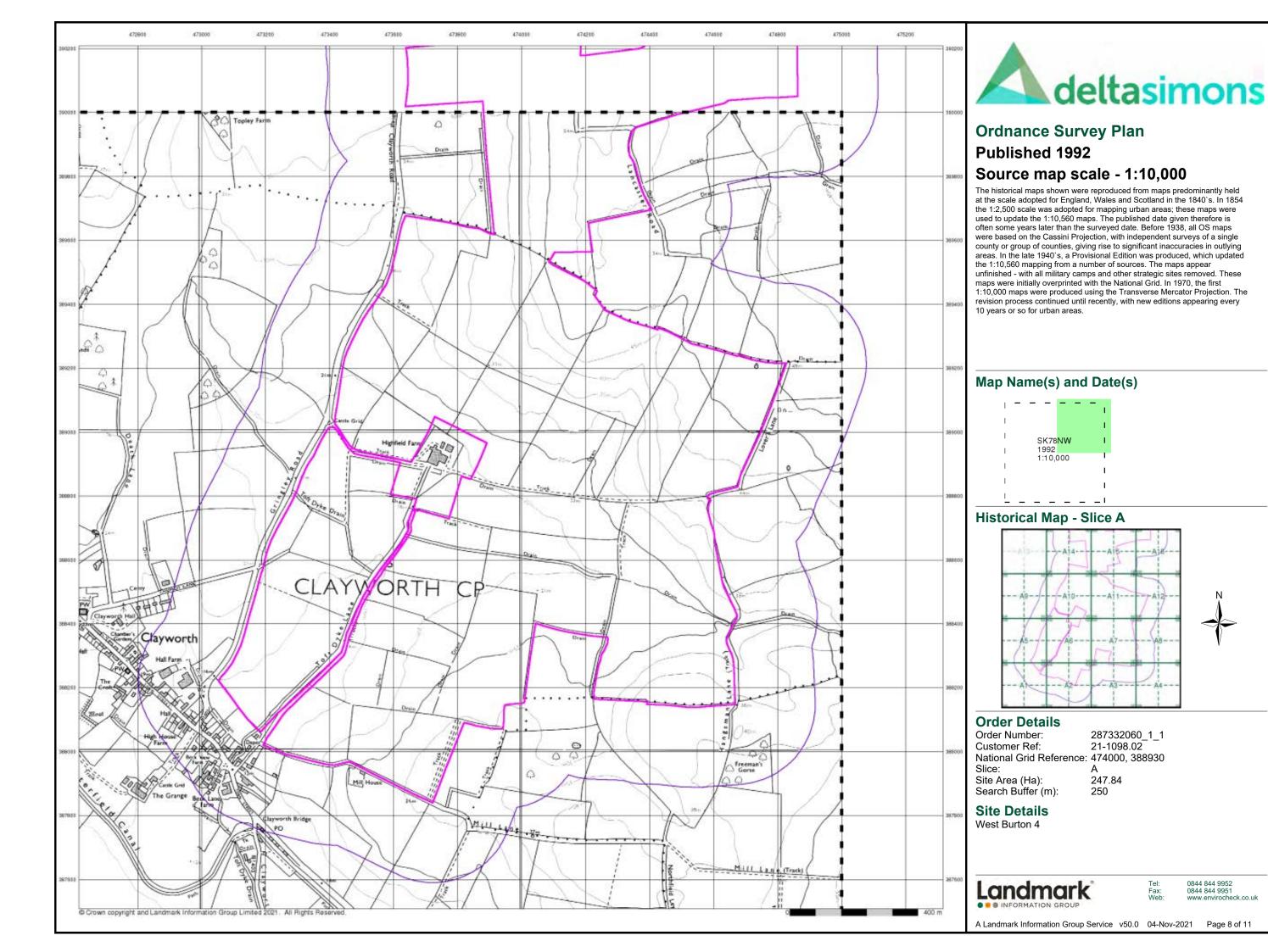
## **Site Details**

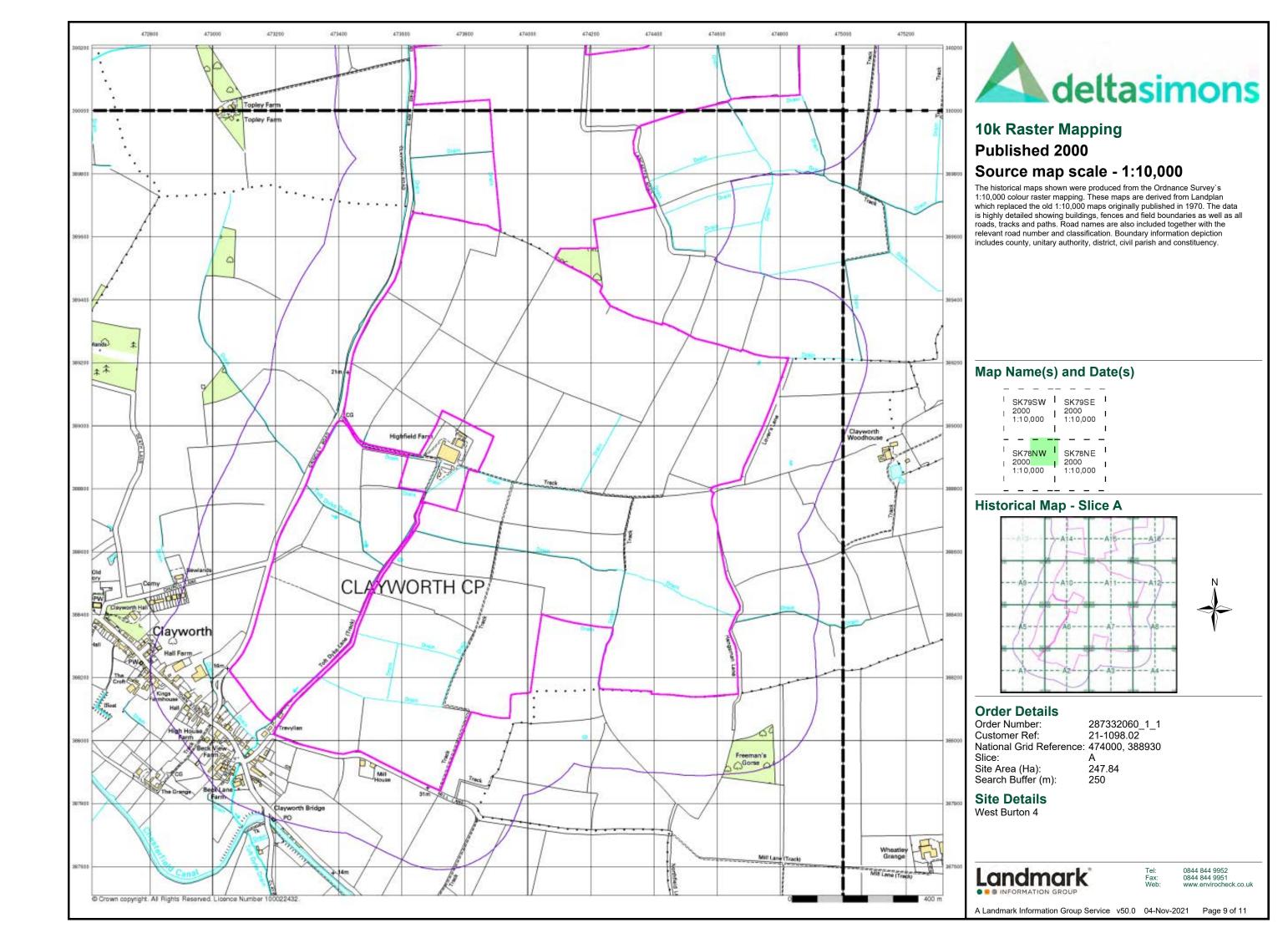
West Burton 4

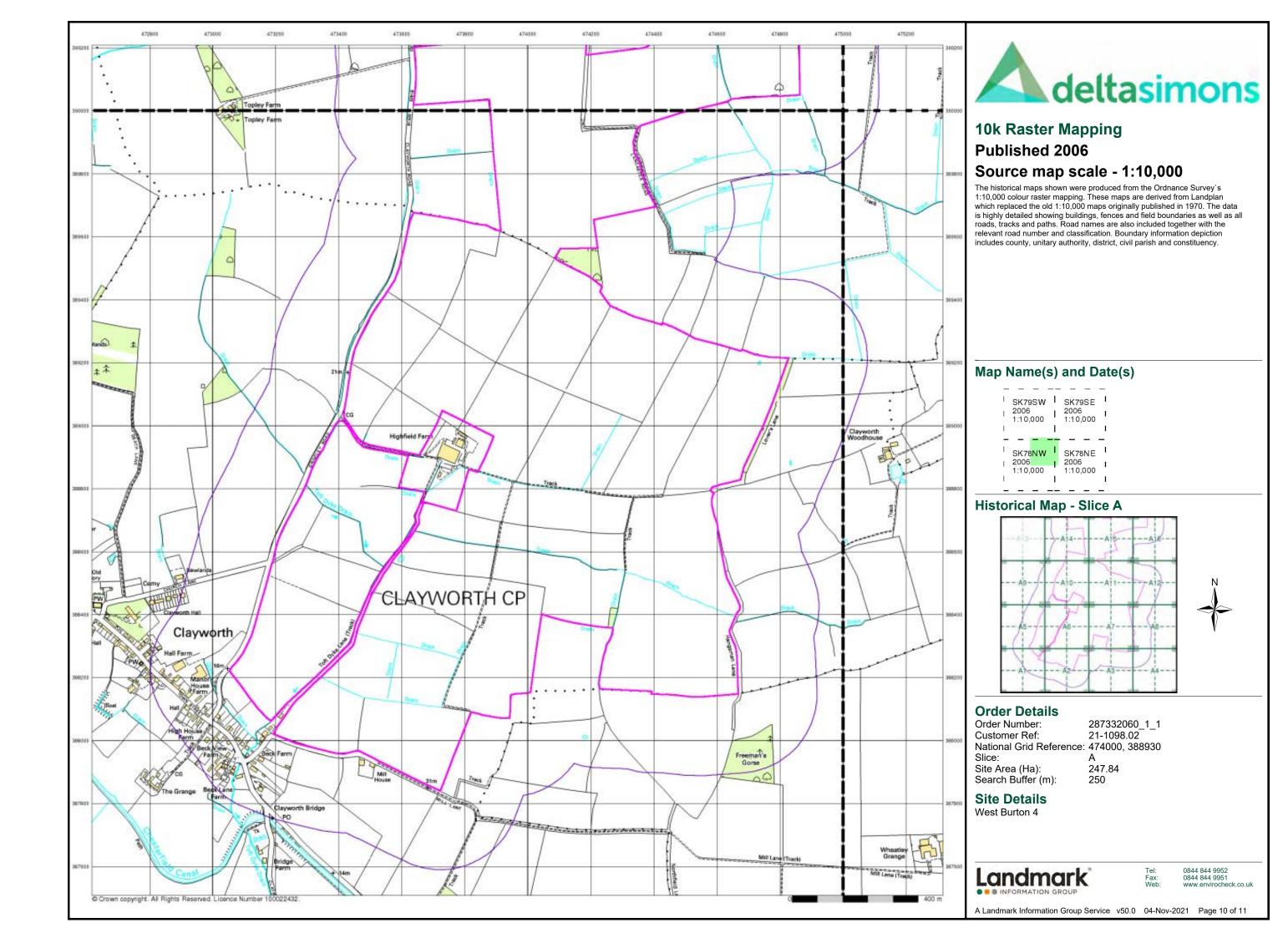


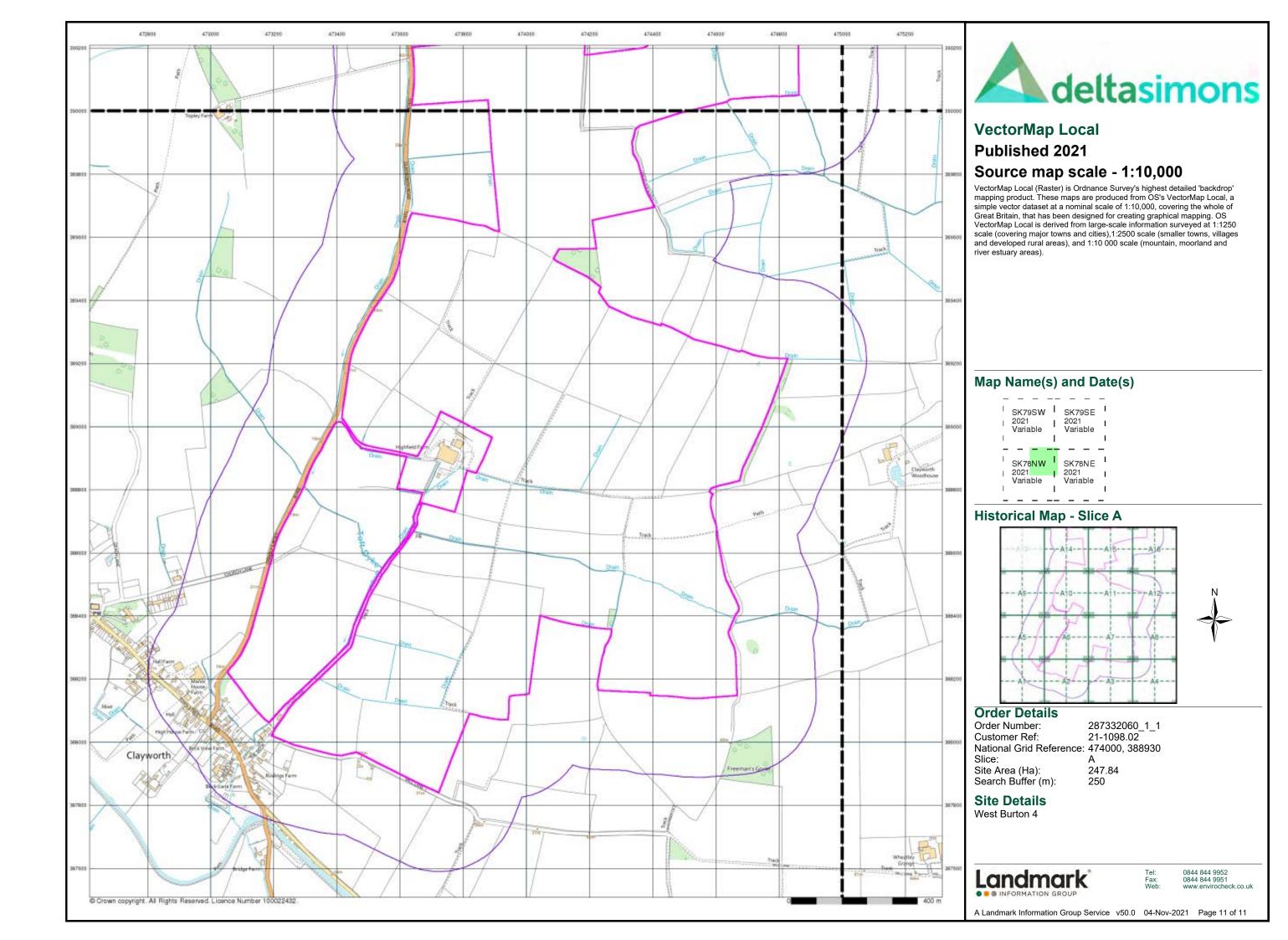
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A Landmark Information Group Service v50.0 04-Nov-2021 Page 7 of 11

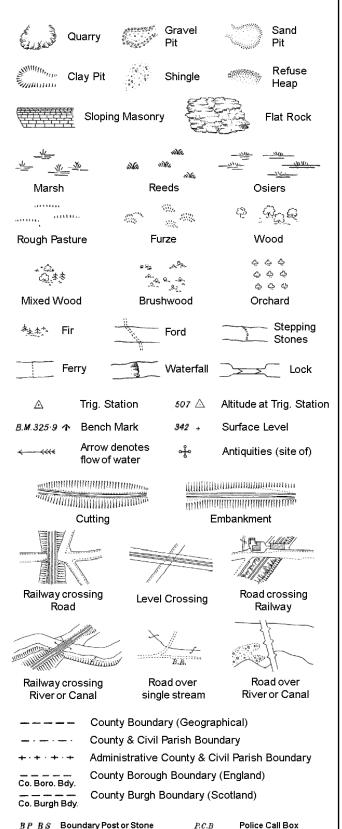








#### **Ordnance Survey County Series and** Ordnance Survey Plan 1:2,500



Pump

Sluice

Spring

Trough Well

Signal Post

Telephone Call Box

S.P

Sl.

Tr:

B.R.

E.P

F.B.

M.S

Bridle Road

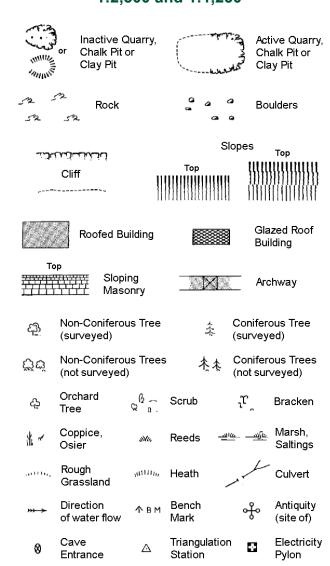
Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



ETL_	Electricity	Transmi	ssion	Line	
	_				

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

## 1:1,250

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,		1111			
_					
SZ Ro	ock		7.5	Rock (so	attered)
△ Bo	oulders		Δ	Boulders	(scattered)
△ Po	ositioned	Boulder		Scree	
C 13	on-Conife surveyed)	erous Tree	丰	Coniferd (surveye	
C3 C5	on-Conife ot sur∨ey	erous Trees /ed)	杰杰	Conifero (not surv	ous Trees ⁄eyed)
A 33	rchard ee	Q 0 0.	Scrub	'n,	Bracken
	oppice, sier	sNu,	Reeds 🛥	<u>ചും</u>	Marsh, Saltings
1000000	ough rassland	₁₁ 1111 ₁₁ ,	Heath	1	Culvert
<del>,,, ,</del>	irection fwater flo	Δ	Triangulation Station	ો નું	Antiquity (site of)
E <u>T</u> L	Electric	ity Transmis	sion Line	$\boxtimes$	Electricity Pylon
\	II.6úm B	ench Mark	7	Building Building	gs with g Seed
	Roofe	d Building		29	azed Roof ilding
		Ci∨il parish.	community b	oundary	
— -		District bou	ındary		
		County bou	ındary		
٥		Boundary p	ost/stone		
p			nereing symb ear in oppos		
Bks	Barracks		Р	Pillar, Pol	e or Post
	Battery		PO	Post Offic	
-	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
	Cistern		Ppg Sta	Pumping	
Dismtd Rly		led Railway	PW	Place of\	
El Gen Sta	Electrici Station	ty Generating	Sewage F		wage Imping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub Sta	Electricity	Sub Station	SP, SL	Signal Po	ost or Light

Tk

Tr

Wd Pp

Wks

Tank or Track

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Filter Bed

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

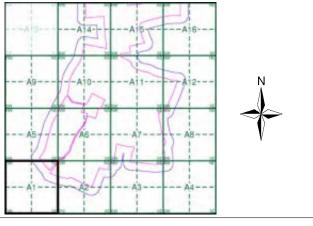
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Additional SIMs	1:2,500	1989	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

#### **Historical Map - Segment A1**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

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

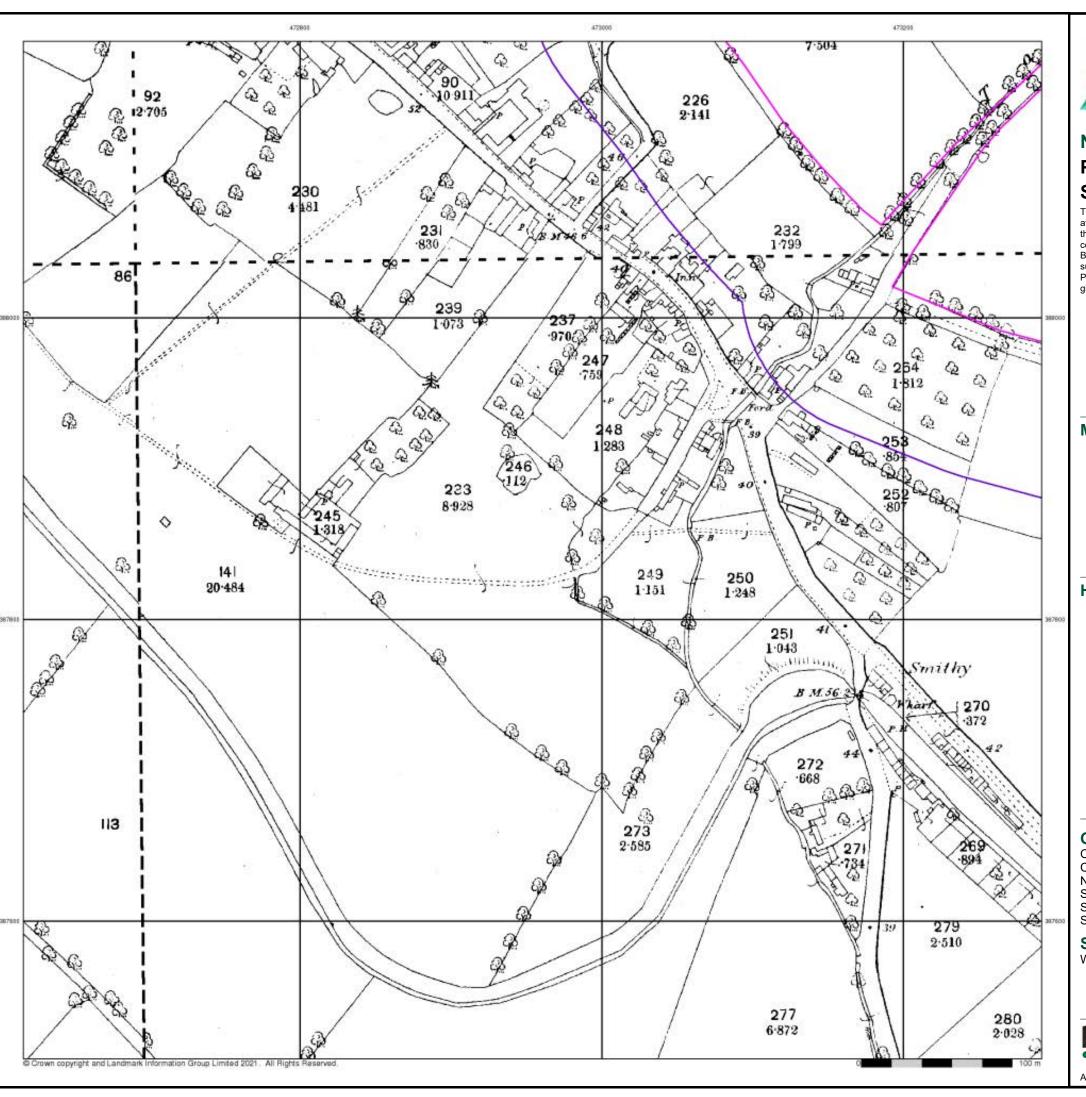
247.84

**Site Details** West Burton 4



0844 844 9952

Page 1 of 8



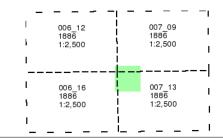


## **Nottinghamshire Published 1886**

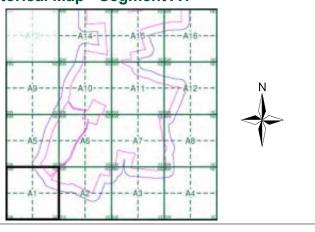
## Source map scale - 1:2,500

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 A1**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

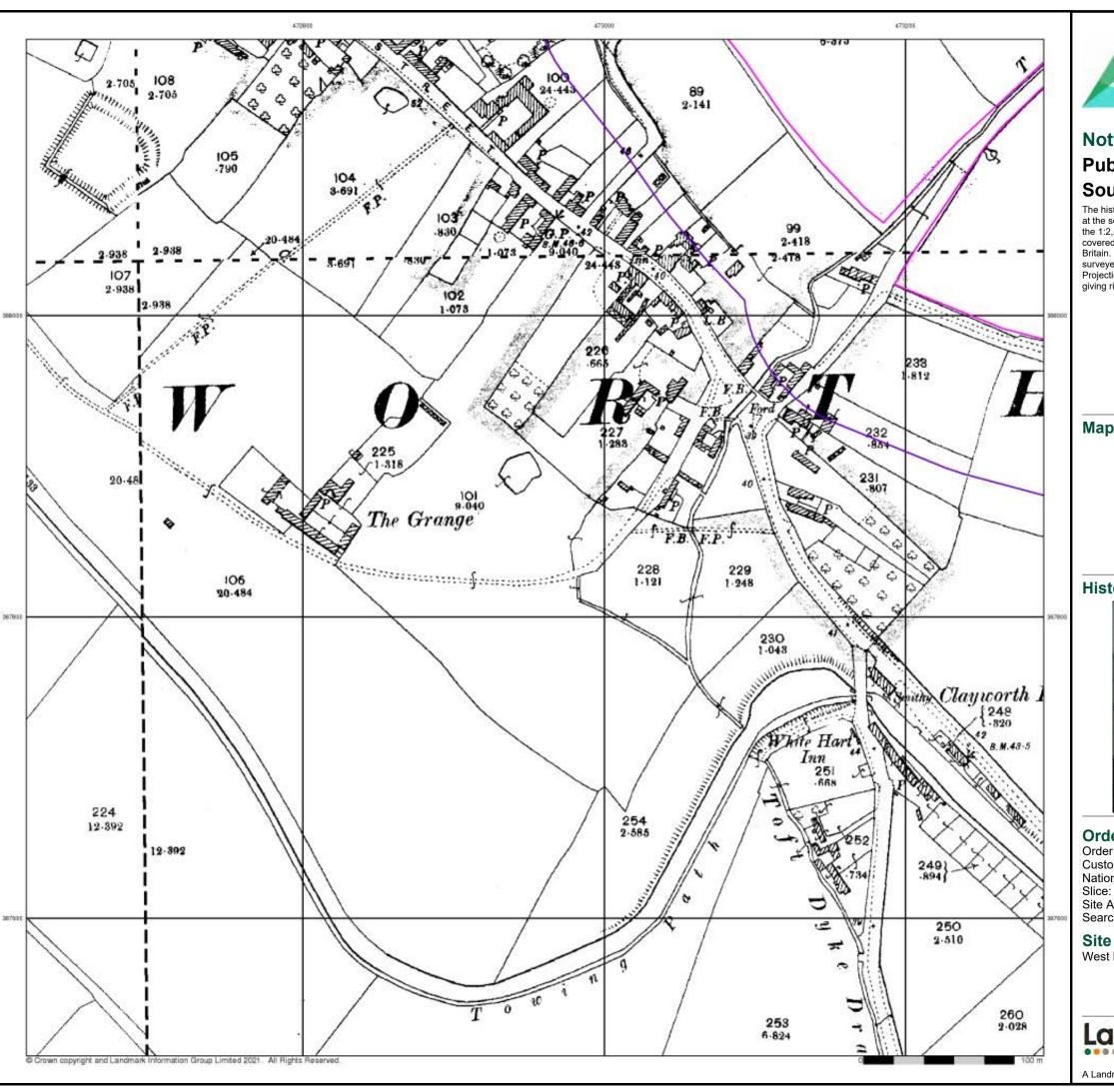
Site Area (Ha): Search Buffer (m): 247.84

**Site Details** 

West Burton 4

Landmark

0844 844 9952 0844 844 9951



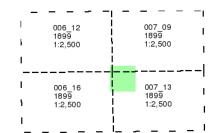


## **Nottinghamshire** Published 1899

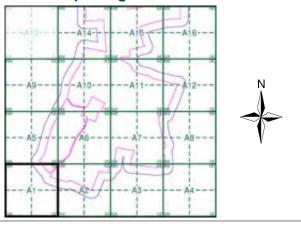
#### Source map scale - 1:2,500

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 A1**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930

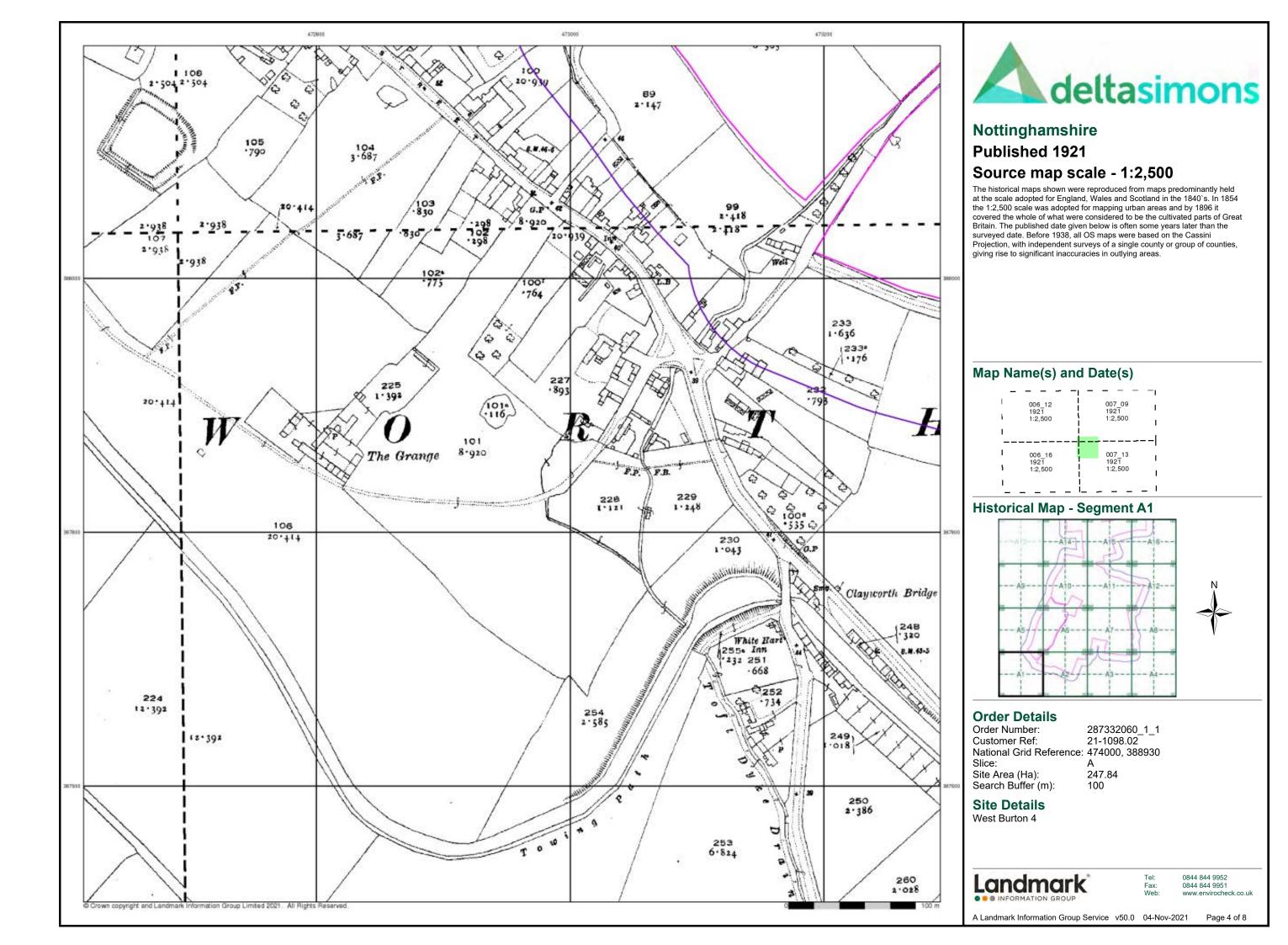
Site Area (Ha): Search Buffer (m): 247.84

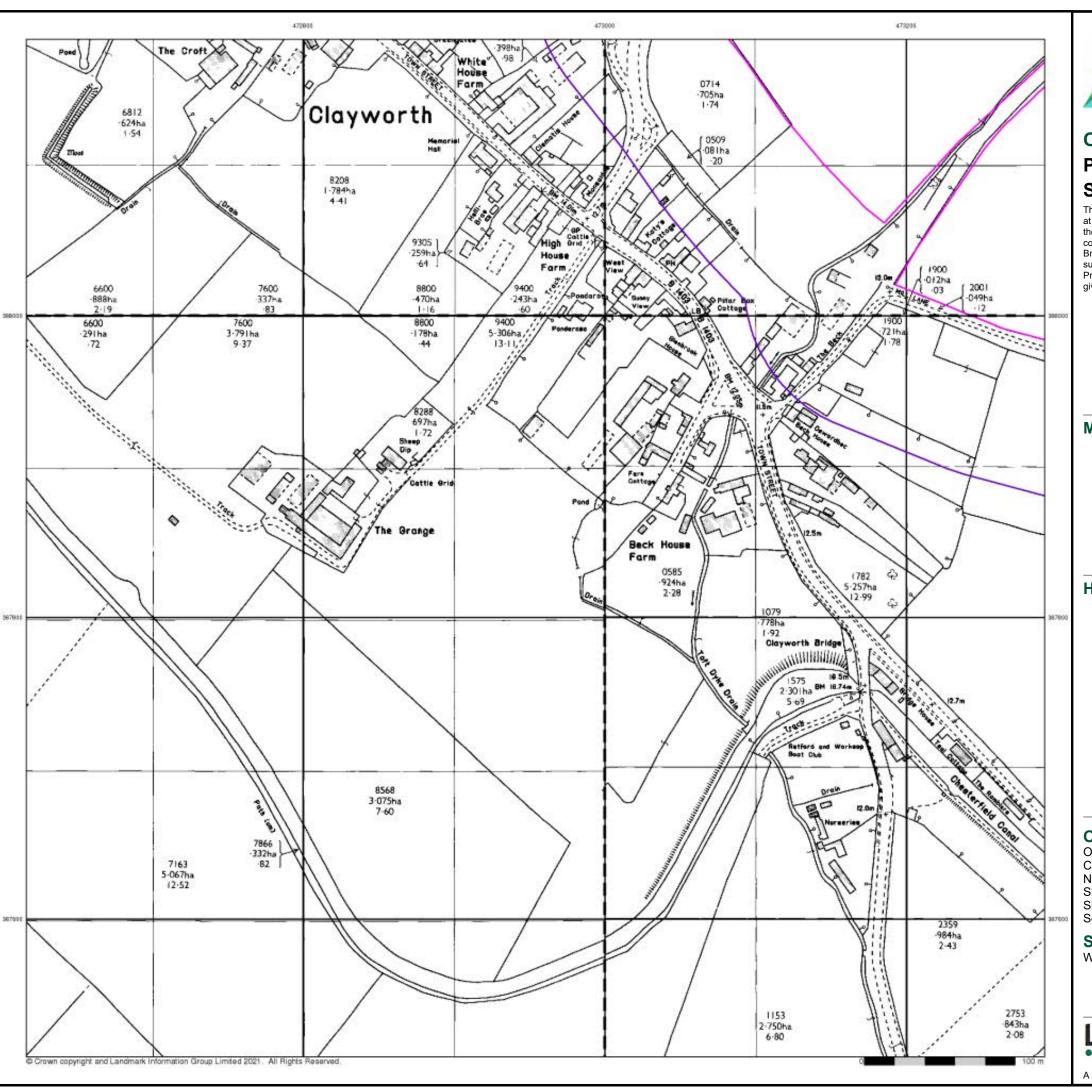
## **Site Details**

West Burton 4



0844 844 9952 0844 844 9951



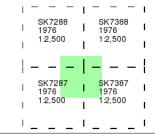




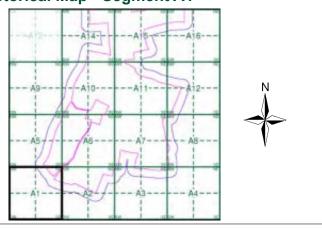
## **Ordnance Survey Plan Published 1976** Source map scale - 1:2,500

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 A1**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930

Slice:

Site Area (Ha): Search Buffer (m): 247.84

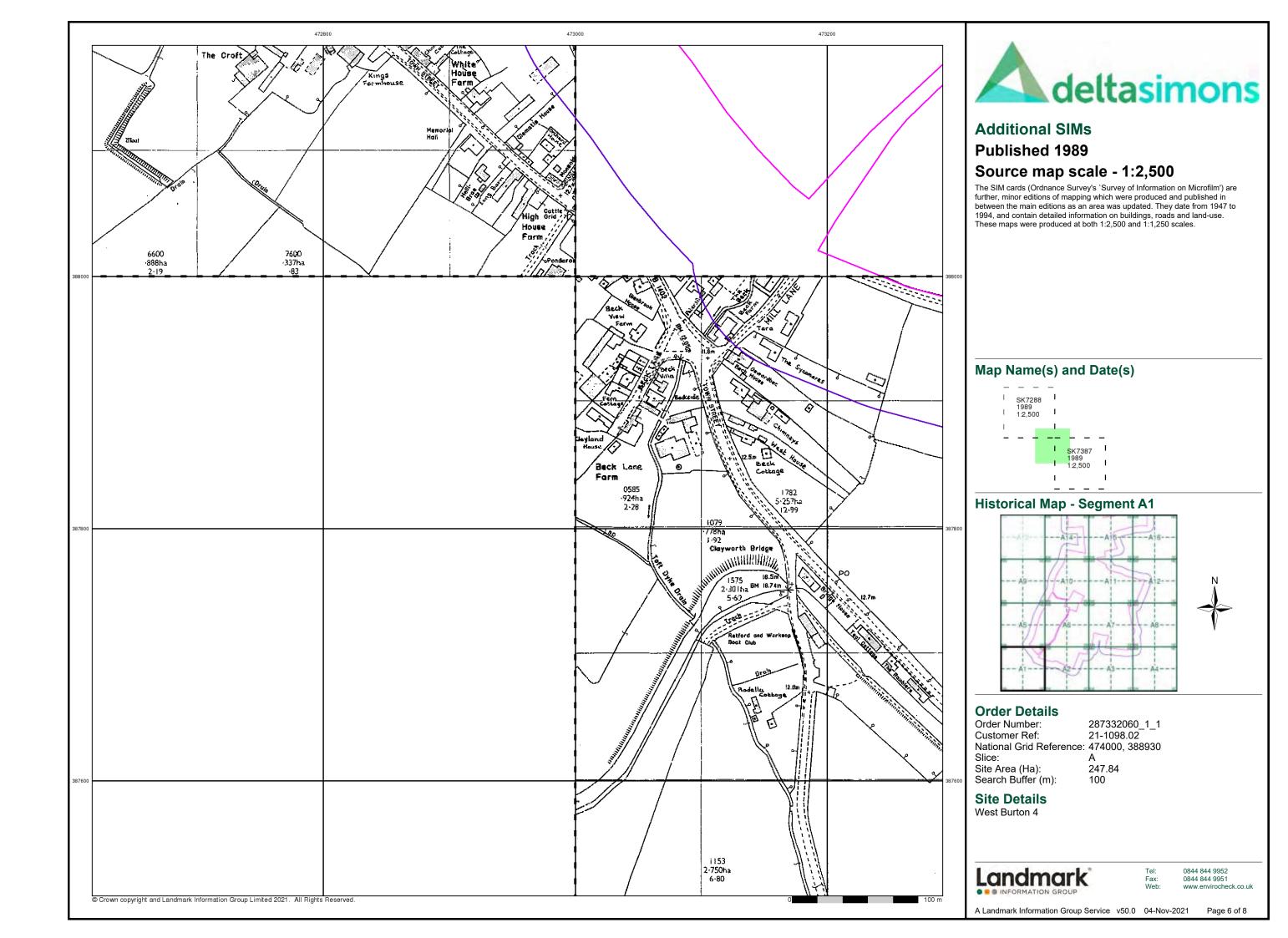
## **Site Details**

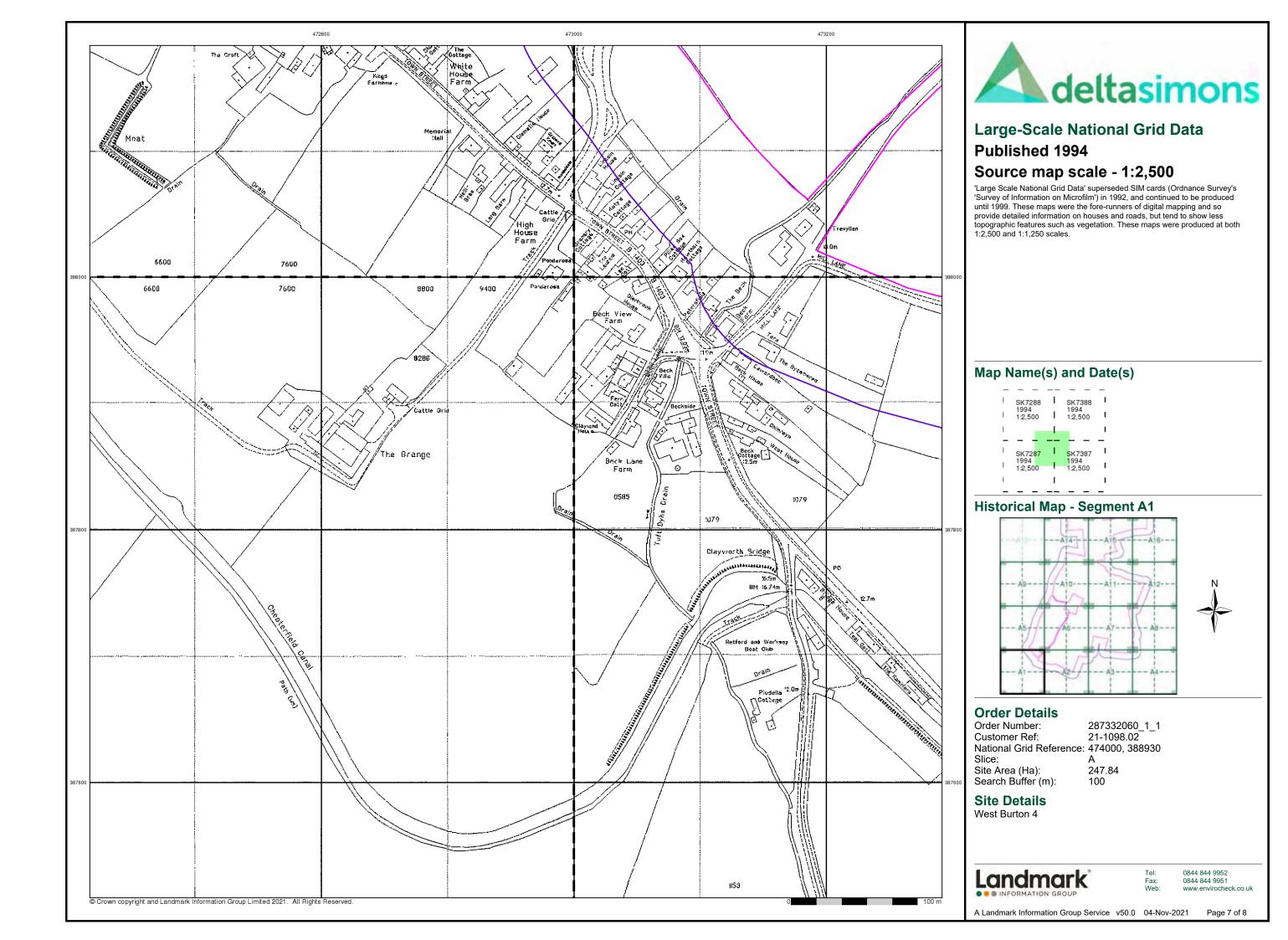
West Burton 4



0844 844 9952 0844 844 9951

A Landmark Information Group Service v50.0 04-Nov-2021 Page 5 of 8



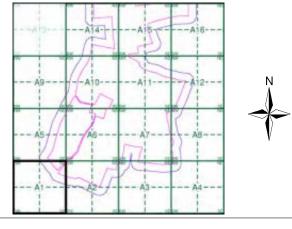






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A1**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

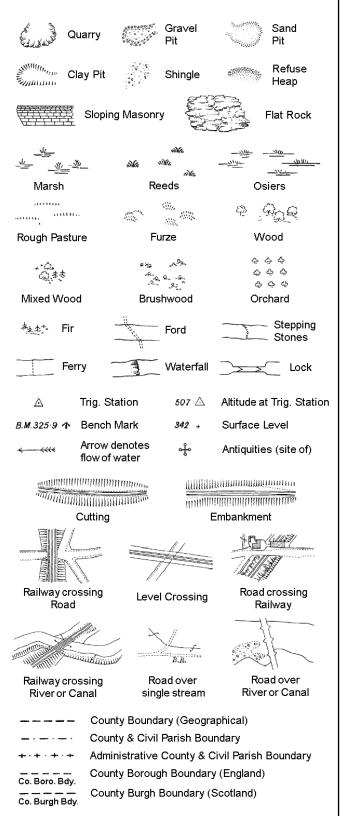
Site Area (Ha): Search Buffer (m): 247.84 100

**Site Details** West Burton 4

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

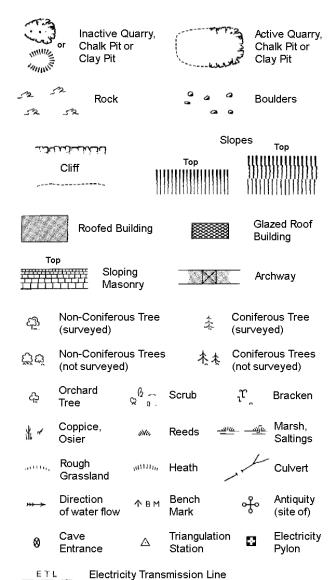
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

## 1:1,250

_			Sle	opes	Тор
	لكنائبات		Тор	111111	1111111111111
	Cliff	1111	HANDINA		))))))))))
~-====				111111	111111111111111111111111111111111111111
523	Rock		52	Rock (s	scattered)
$\triangle_{a}$	Boulders		0	Boulder	rs (scattered)
$\triangle$	Positioned	Boulder		Scree	
<u>දක</u>	Non-Conif	erous Tree )	*	Conifer (surve)	rous Tree /ed)
ජ්ජ	Non-Conife (not surve	erous Trees yed)	* **		rous Trees rveyed)
දා	Orchard Tree	Q 6 a .	Scrub	'n,	Bracken
* ~	Coppice, Osier	aVec	Reeds 🛥	100 <u>– 11</u> 00	Marsh, Saltings
, settler,	Rough Grassland	mun,	Heath	1	Culvert
<del>*** &gt;</del>	Direction of water flo	Δ	Triangulation Station	, of	Antiquity (site of)
E_TL	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / ВМ	231.60m E	Bench Mark			ngs with ng Seed
	Roofe	ed Building		259	Blazed Roof Building
		Civil parish	/community b	oundary	ı
		District box	=		•
		County box	-		
	,	Boundary		ol (noto	· those
غر			mereing symb pear in oppos		
Bks	Barracks		Р	Pillar, P	ole or Post
Bty	Battery		PO	Post Of	fice
Cemy	Cemetery		PC		Convenience
Chy	Chimney		Pp Pna Sta	Pump	a Station
Cis Dismtd F	Cistern Rlv Disman	tled Railway	Ppg Sta PW	•	ig Station fWorship
El Gen S	ta Electric	ity Generating		pg Sta S	Sewage
EIP	Station Electricity	Pole, Pillar	SB, S Br		Pumping Station Box or Bridge
	ta Electricity		SP, SL	_	Post or Light
FB	Filter Bed	2	Spr	Spring	. Joe of Light
Fn/DFr		Drinking Ftn.	Tk	Tank or	·Track
00			T	Tuester	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

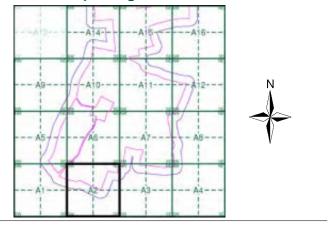
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Additional SIMs	1:2,500	1989	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

#### **Historical Map - Segment A2**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

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

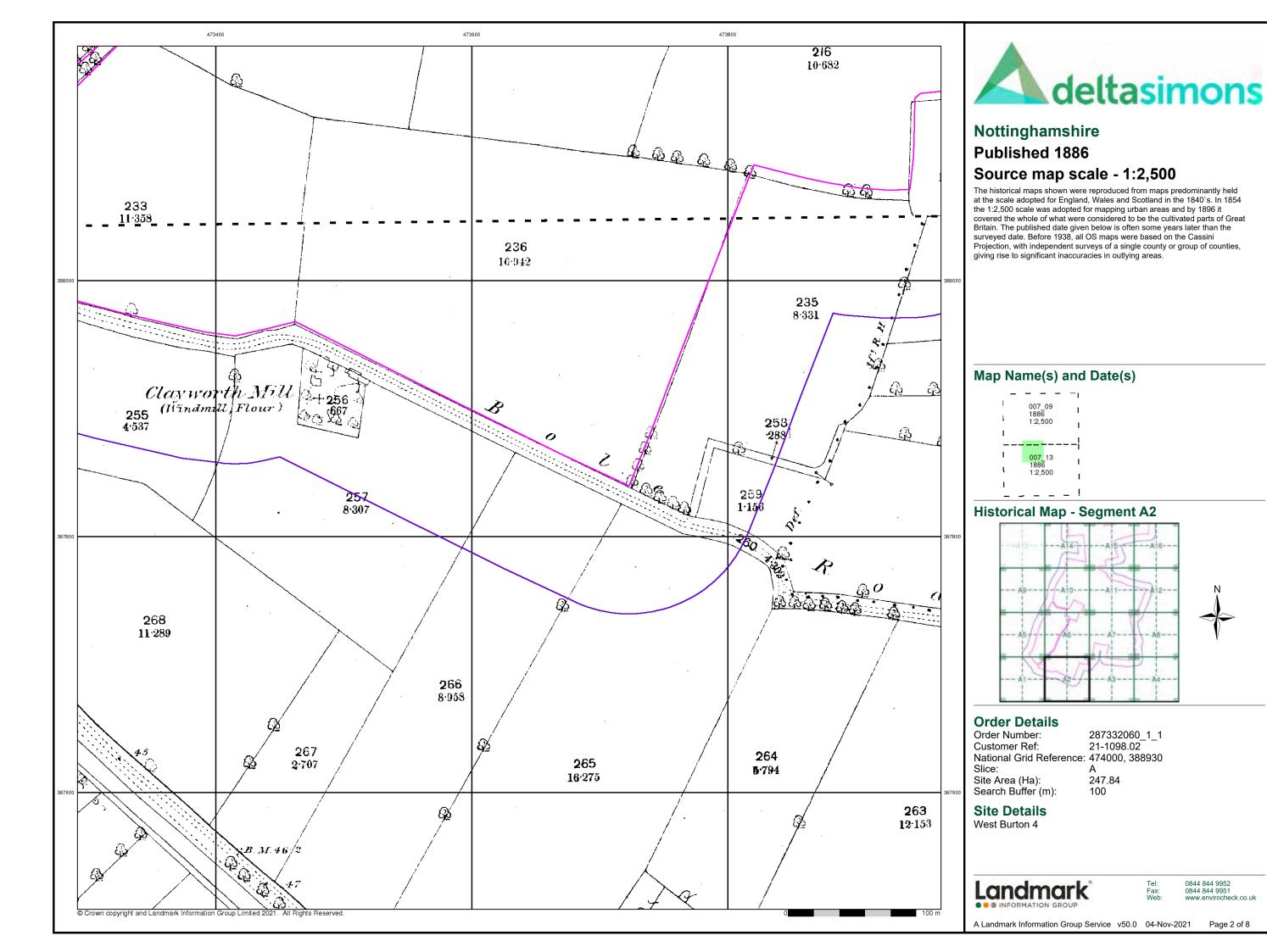
247.84

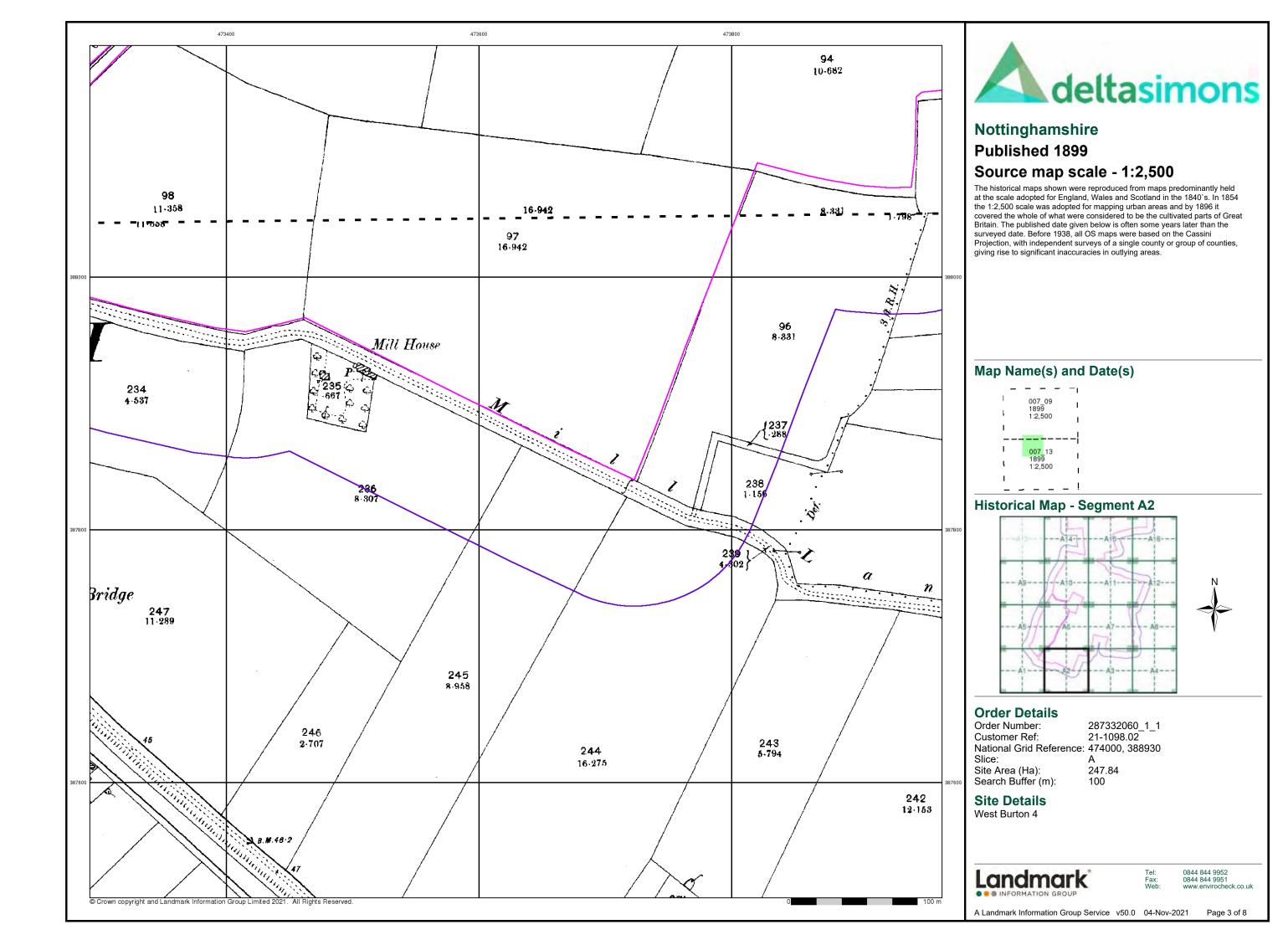
**Site Details** West Burton 4

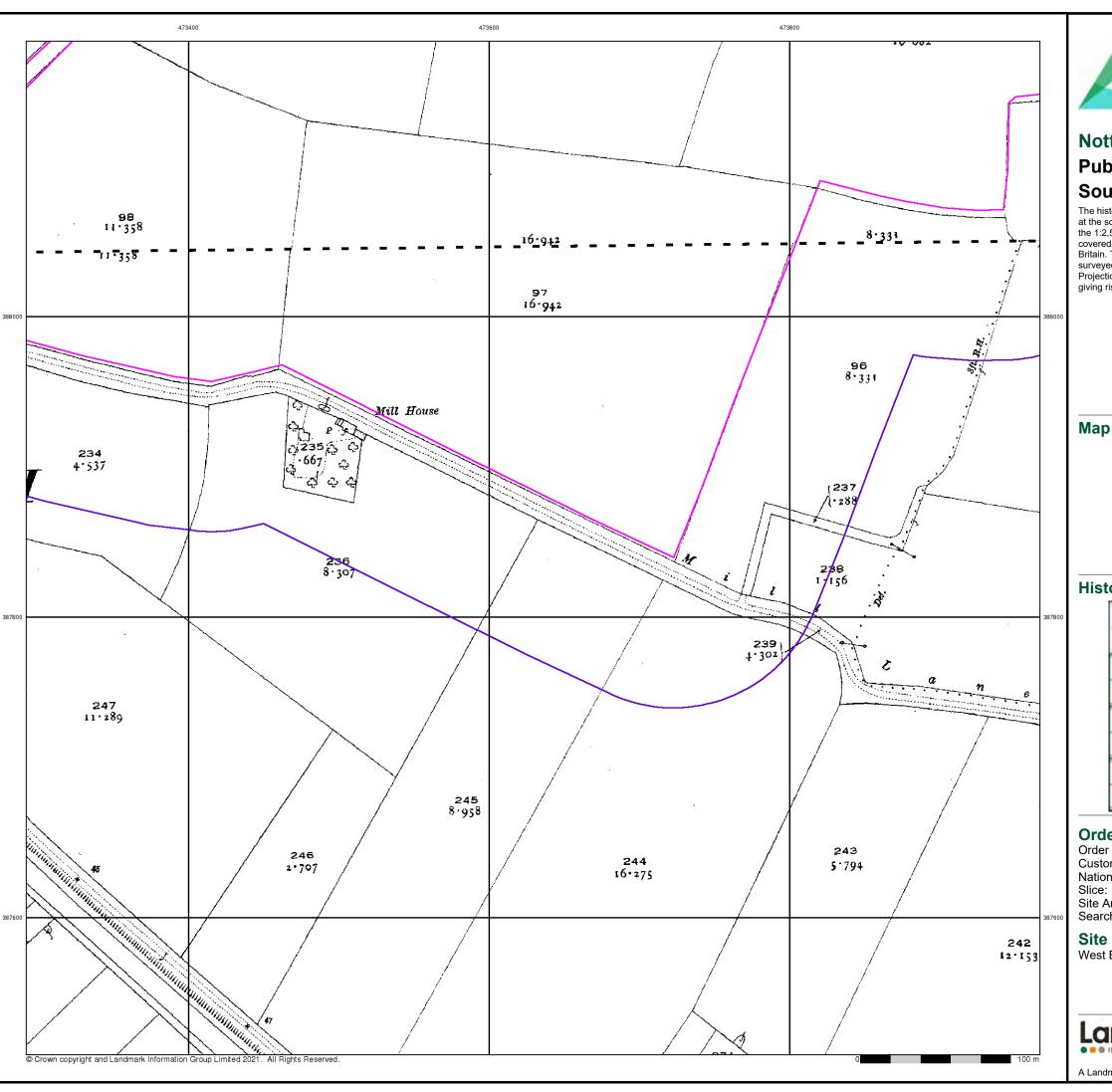
Landmark

0844 844 9952 0844 844 9951

Page 1 of 8







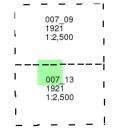


## Nottinghamshire Published 1921

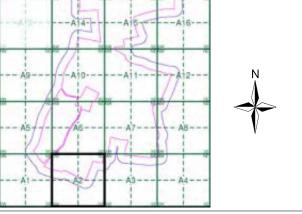
Source map scale - 1:2,500

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 A2**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

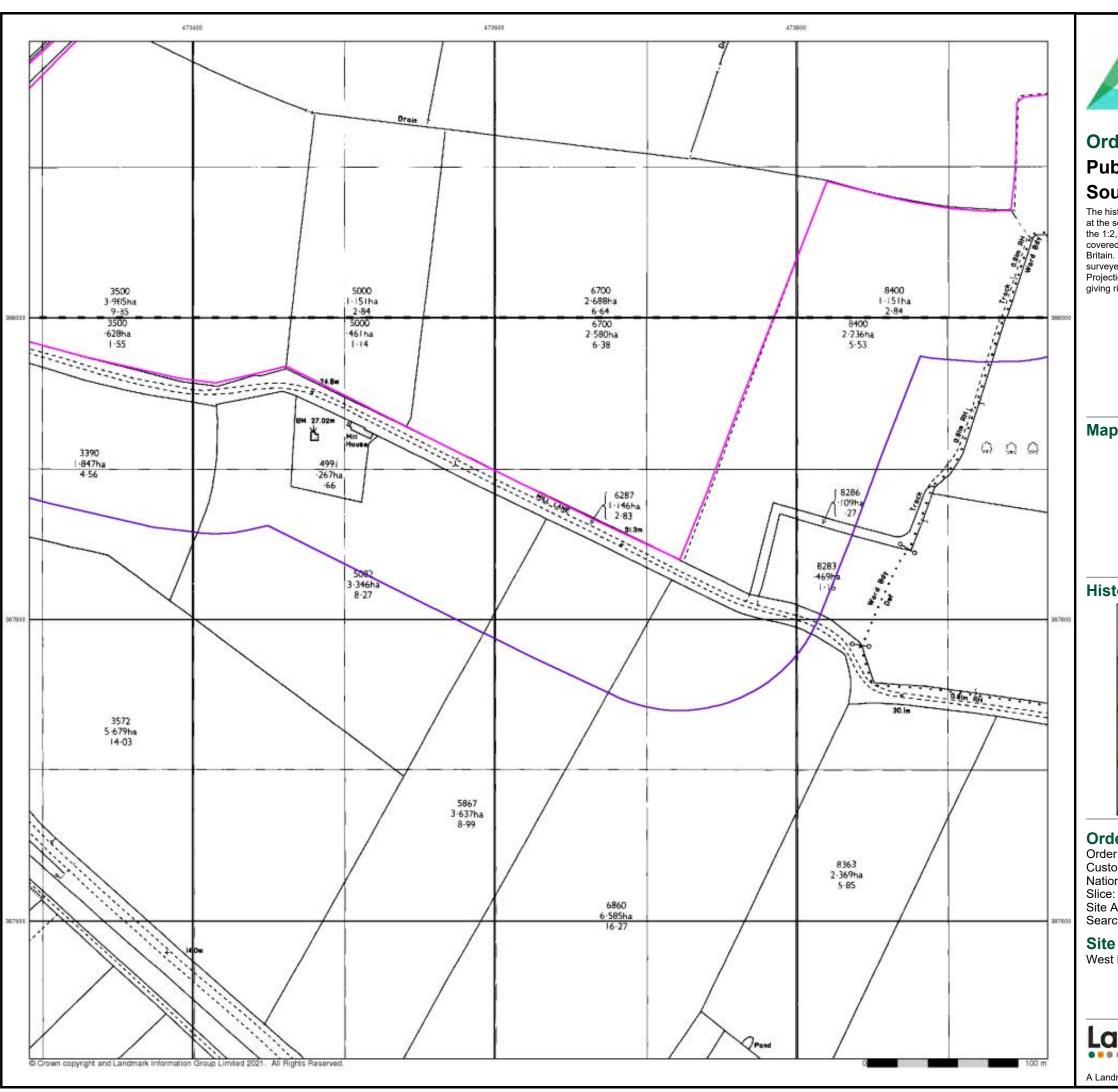
Site Area (Ha): Search Buffer (m): 247.84

#### **Site Details**

West Burton 4



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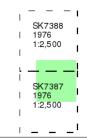




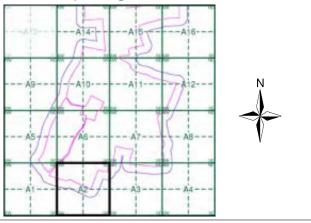
## **Ordnance Survey Plan** Published 1976 Source map scale - 1:2,500

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 A2**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930

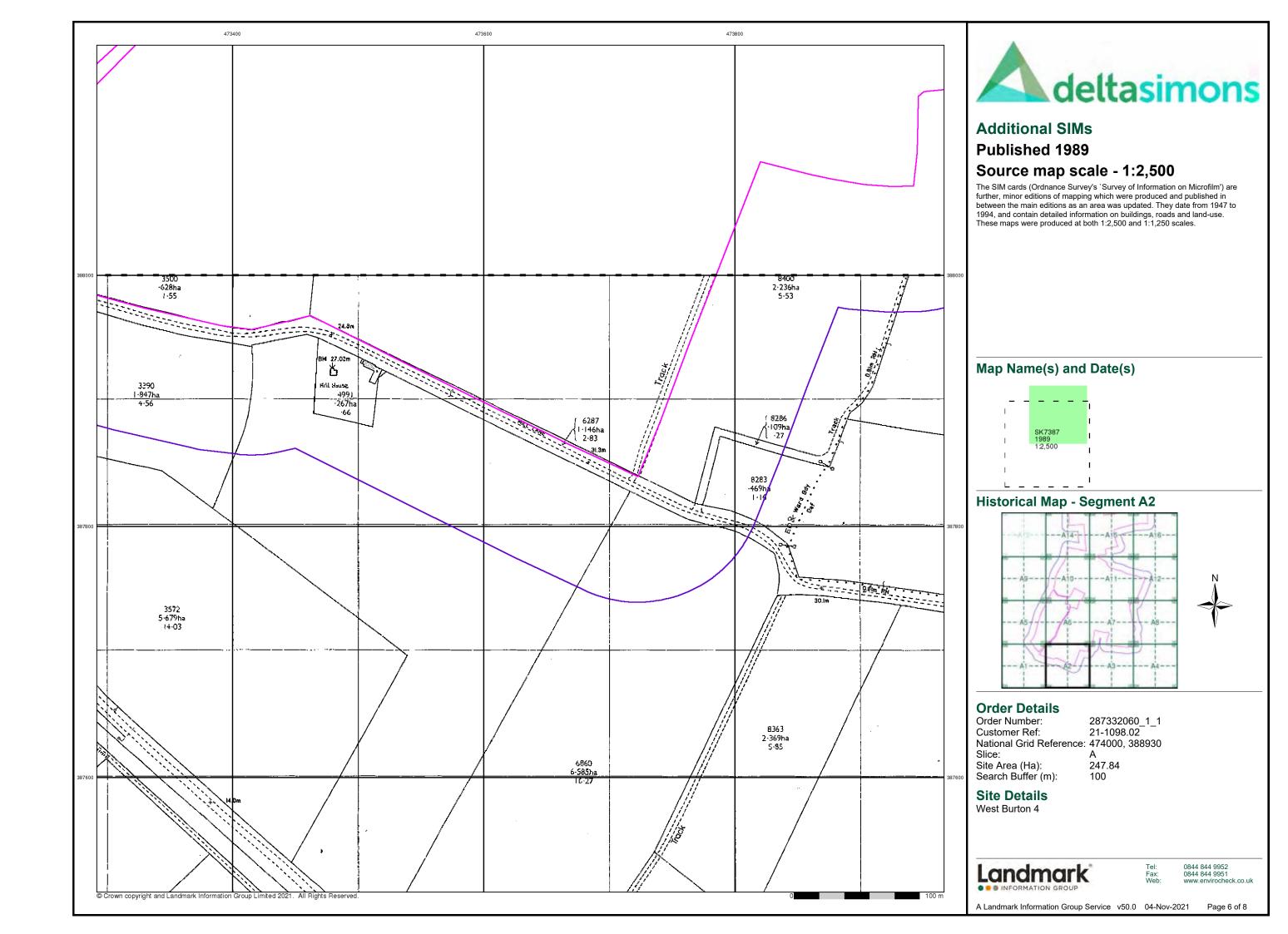
Site Area (Ha): Search Buffer (m): 247.84

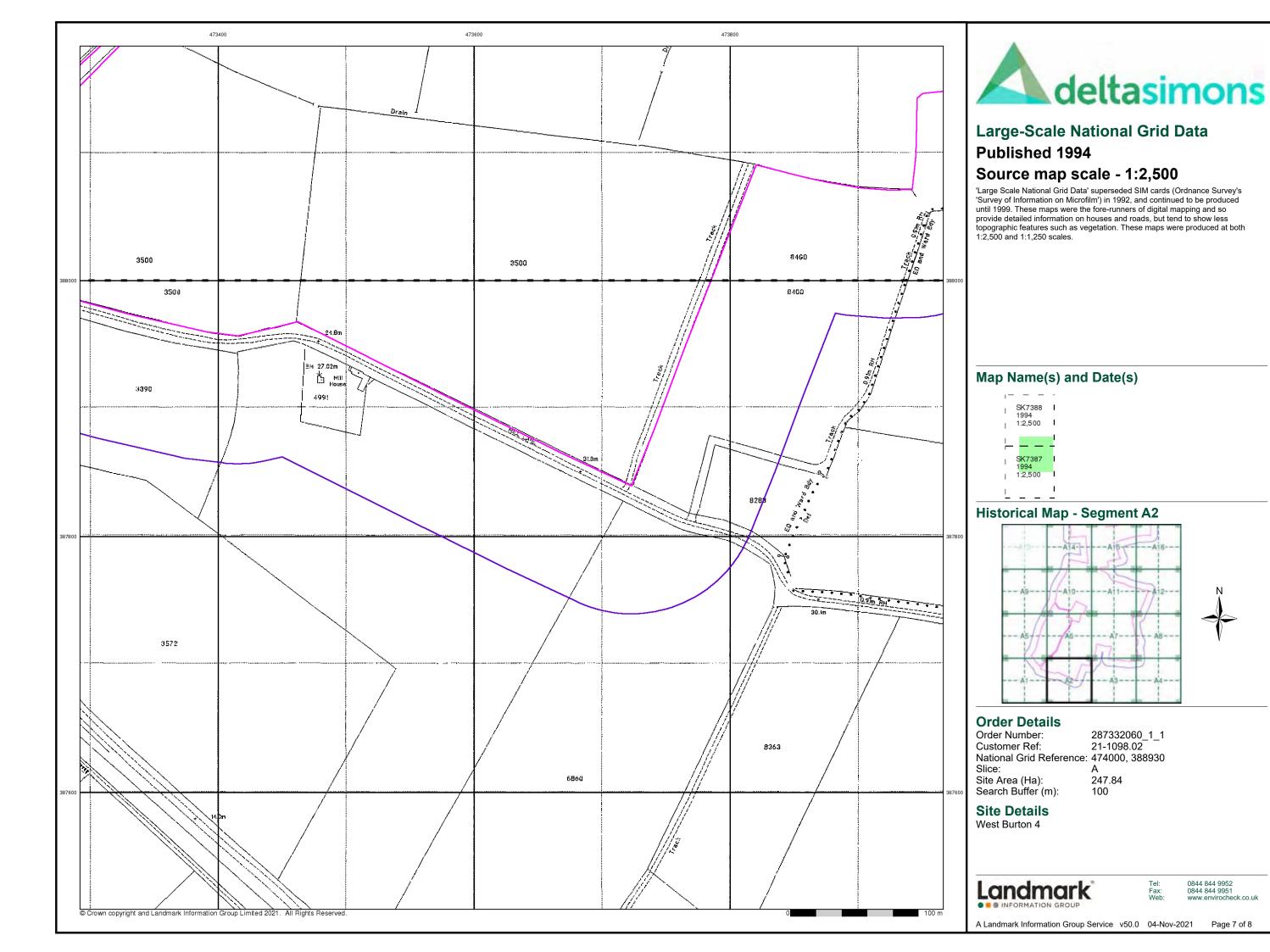
#### **Site Details**

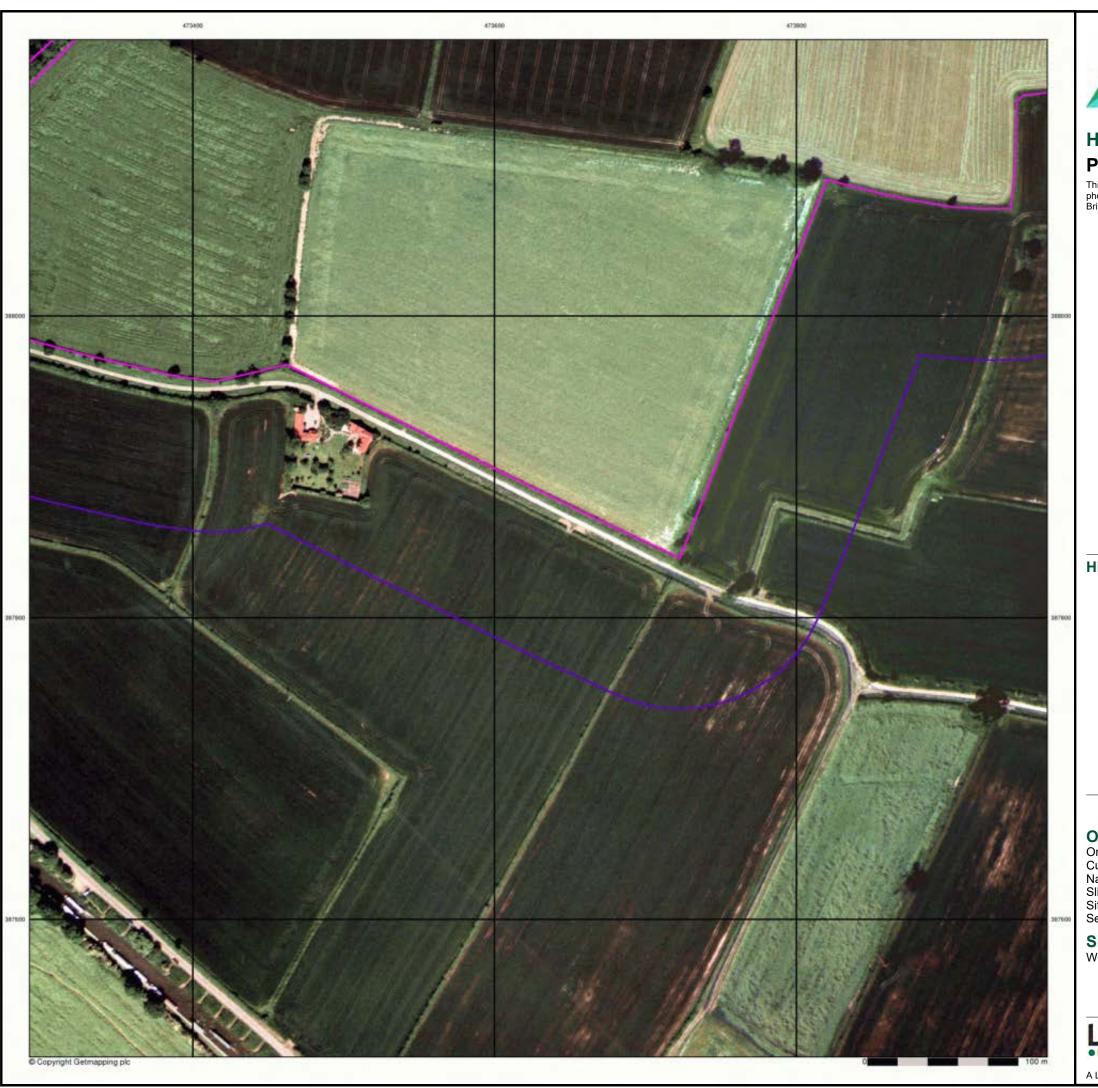
West Burton 4



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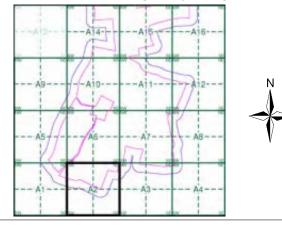






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A2**





Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

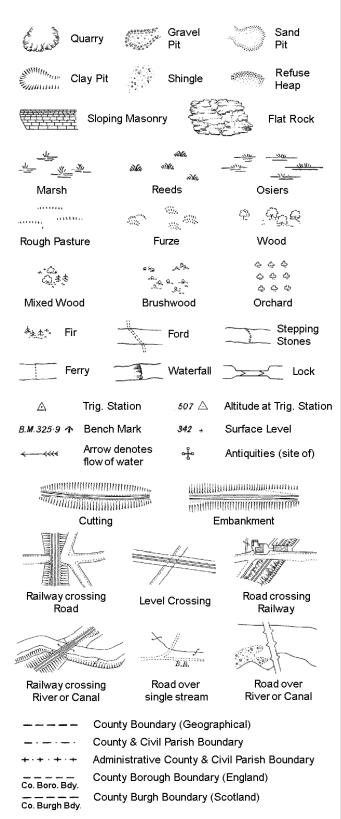
Slice: Site Area (Ha): Search Buffer (m): 247.84 100

**Site Details** West Burton 4

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

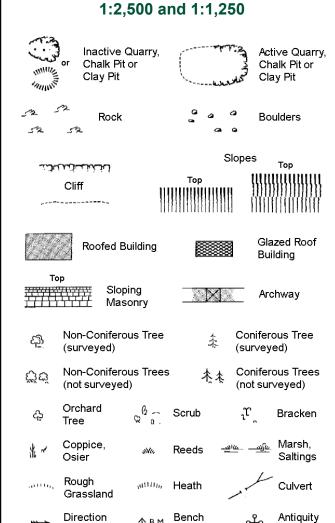
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



**Electricity Transmission Line** 

of water flow

Cave

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

Triangulation

(site of)

Electricity

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вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Sle	opes	Тор
	لكنات		Тор	1111111	HIMMIN
ı	Cliff	1111		_ ]]]]]]]	)))))))))
,					
523	Rock		23	Rock (so	cattered)
$\Box$	Boulders		<i>D</i>	Boulders	(scattered)
	Positioned	Boulder		Scree	
ফ্র	Non-Conif (surveyed	erous Tree )	*	Conifero	
ζţά	Non-Conif (not surve	erous Trees yed)	* **	Conifero	ous Trees /eyed)
දා	Orchard Tree	© a.	Scrub	Tr_	Bracken
* ~	Coppice, Osier	siste.	Reeds 🛥	<u> </u>	Marsh, Saltings
wille,	Rough Grassland	₁₀ 11111 ₁₁ ,	Heath	1	Culvert
<b>→</b>	Direction of water flo	Δ ow	Triangulation Station	, ÷	Antiquity (site of)
E <u>T</u> L	_ Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ _K / BM	231.60m E	Bench Mark	7	Building Building	
	Roofe	ed Building		251	azed Roof iilding
		Ci∨il parish	/community b	oundary	
		District box	=	,	
		County box	-		
_ •					
٥		Boundary		-1 /4	41
,c		-	mereing symb pear in oppose	,	
Bks	Barracks		Р	Pillar, Pol	e or Post
Bty	Battery		PO	Post Offi	ce
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd R	Rly Disman	tled Railway	PW	Place of\	Worship
El Gen S	ta Electric Station	ity Generating	Sewage F		wage Imping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub S	ta Electricity	Sub Station	SP, SL	Signal Po	ost or Light
FB	Filter Bed		Spr	Spring	
En (D En	Eountain (	Drinking Etn	TL	Topk or T	na ale

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

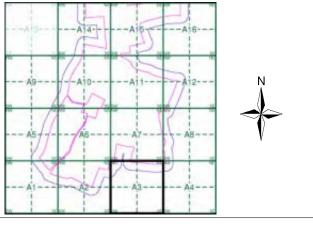
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Additional SIMs	1:2,500	1989	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

#### **Historical Map - Segment A3**



#### **Order Details**

Order Number: 287332060_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

247.84 Search Buffer (m): 100

**Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

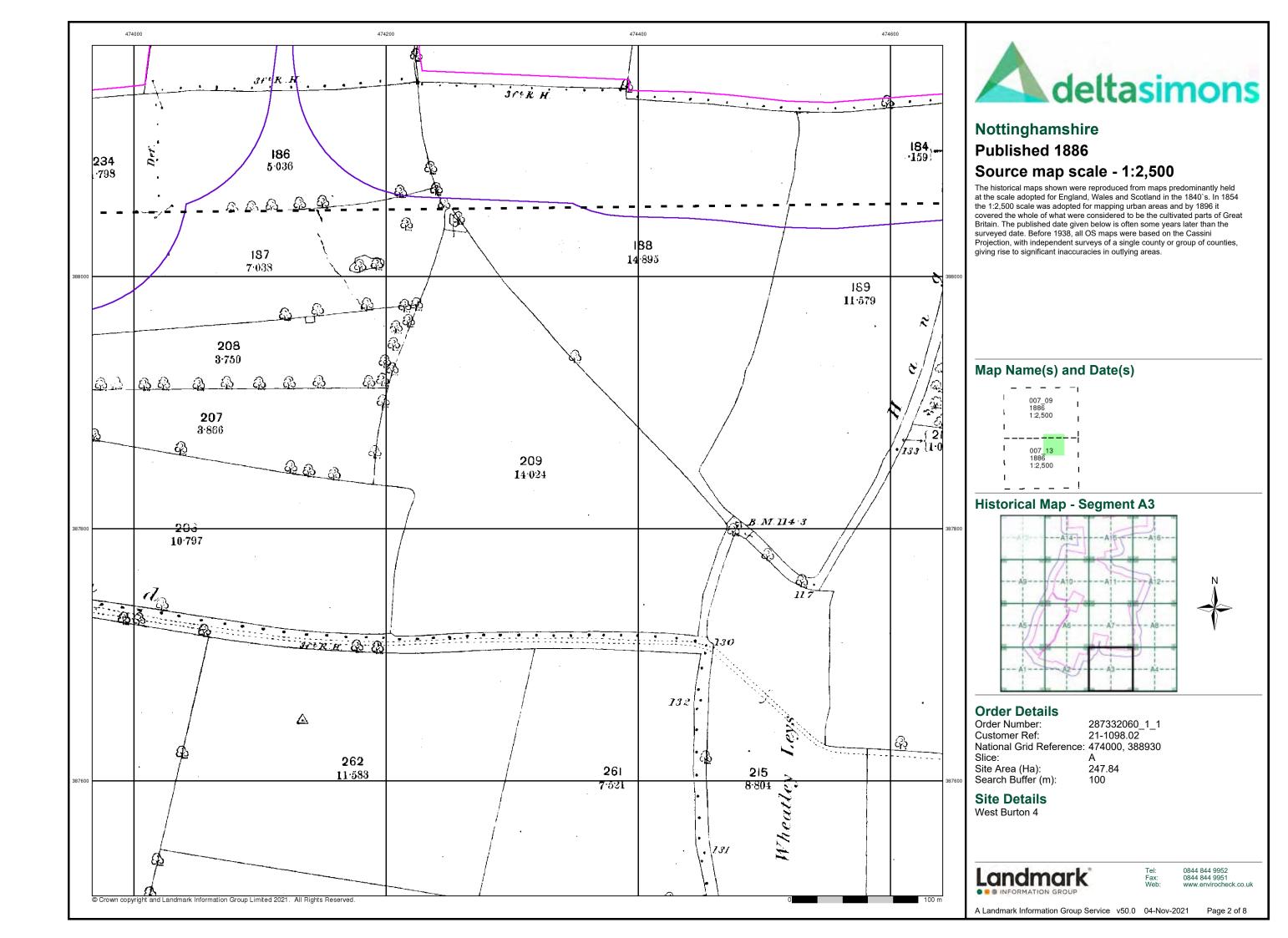
Wd Pp

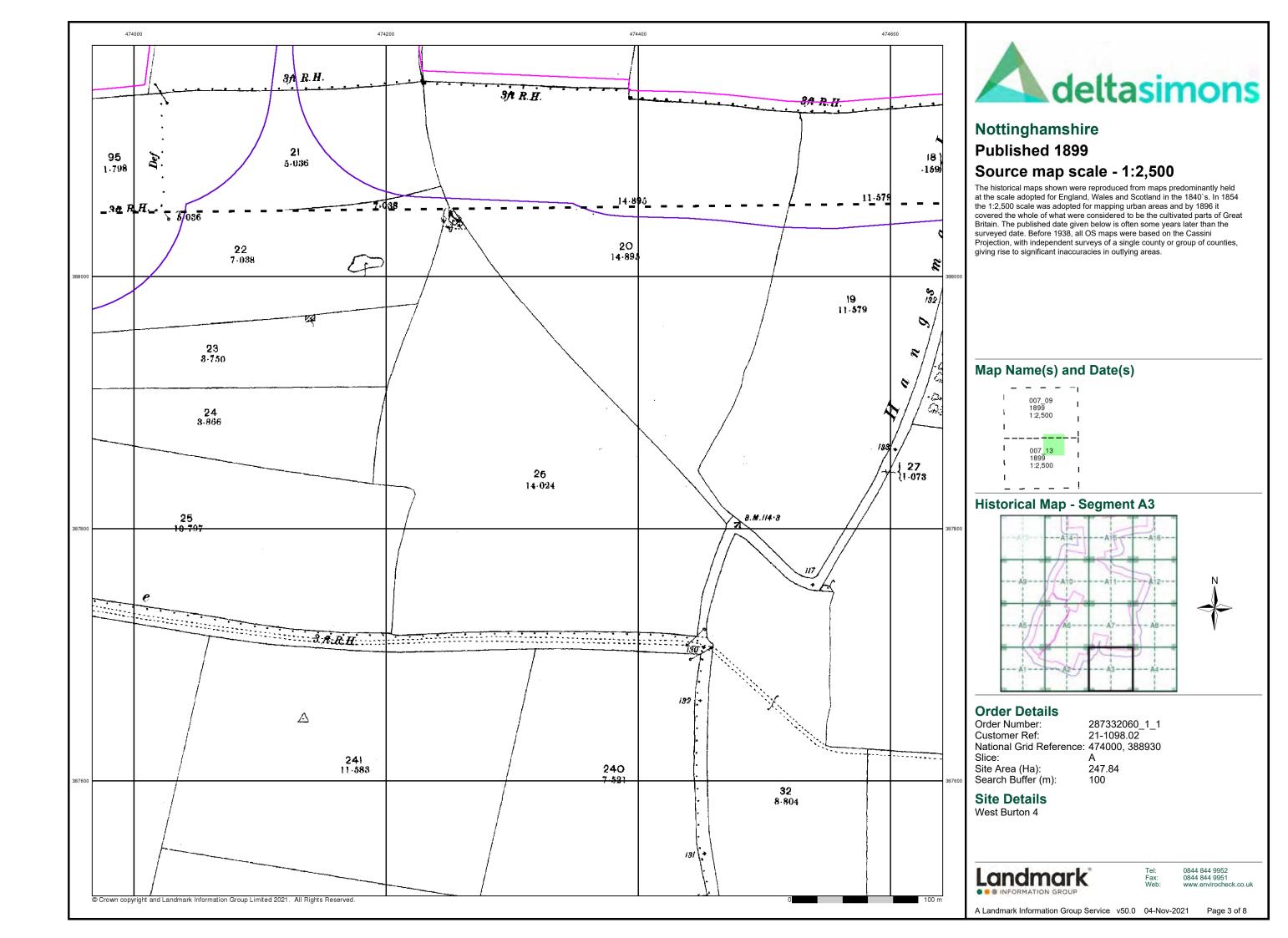
Wks

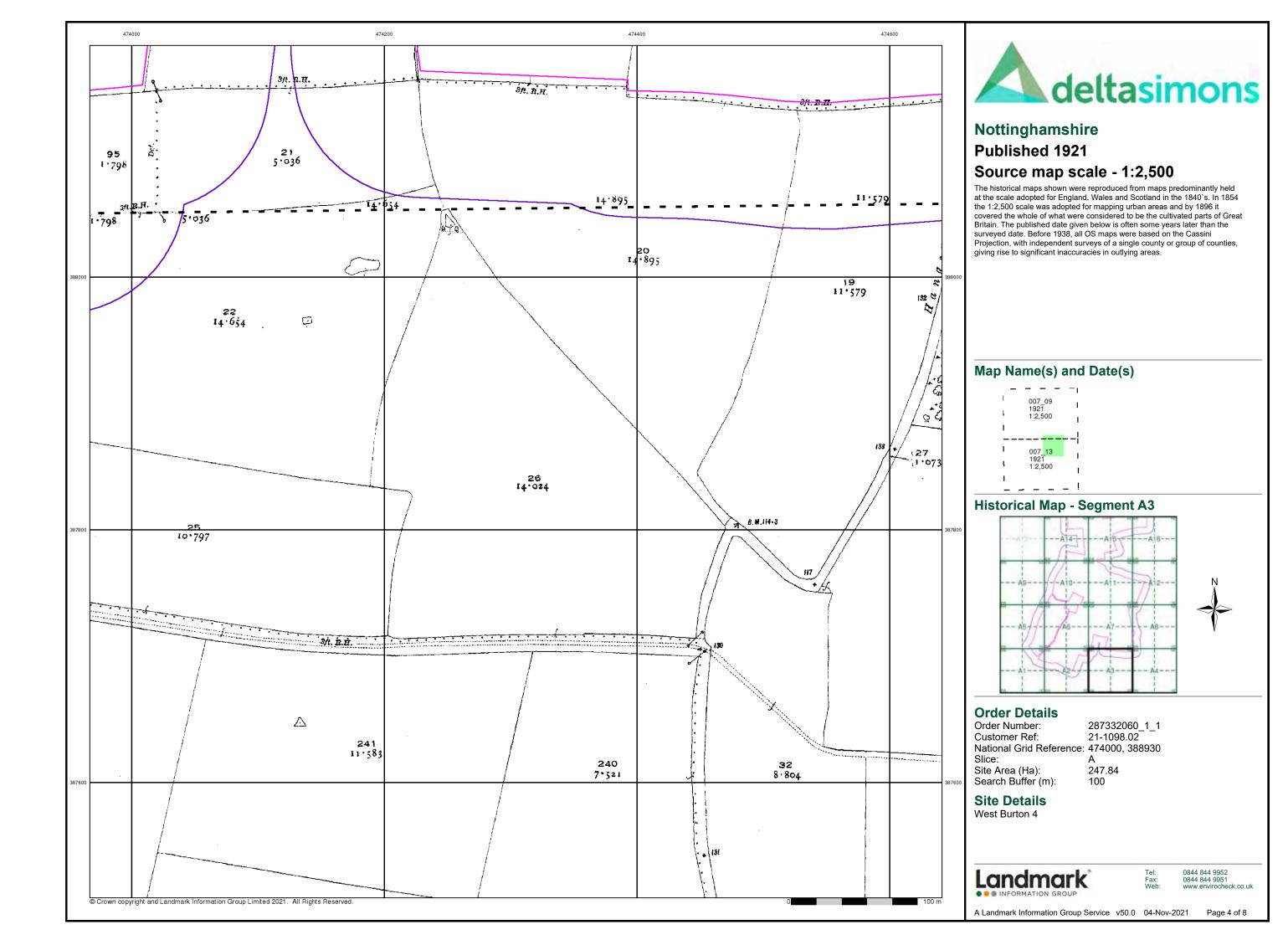
Landmark

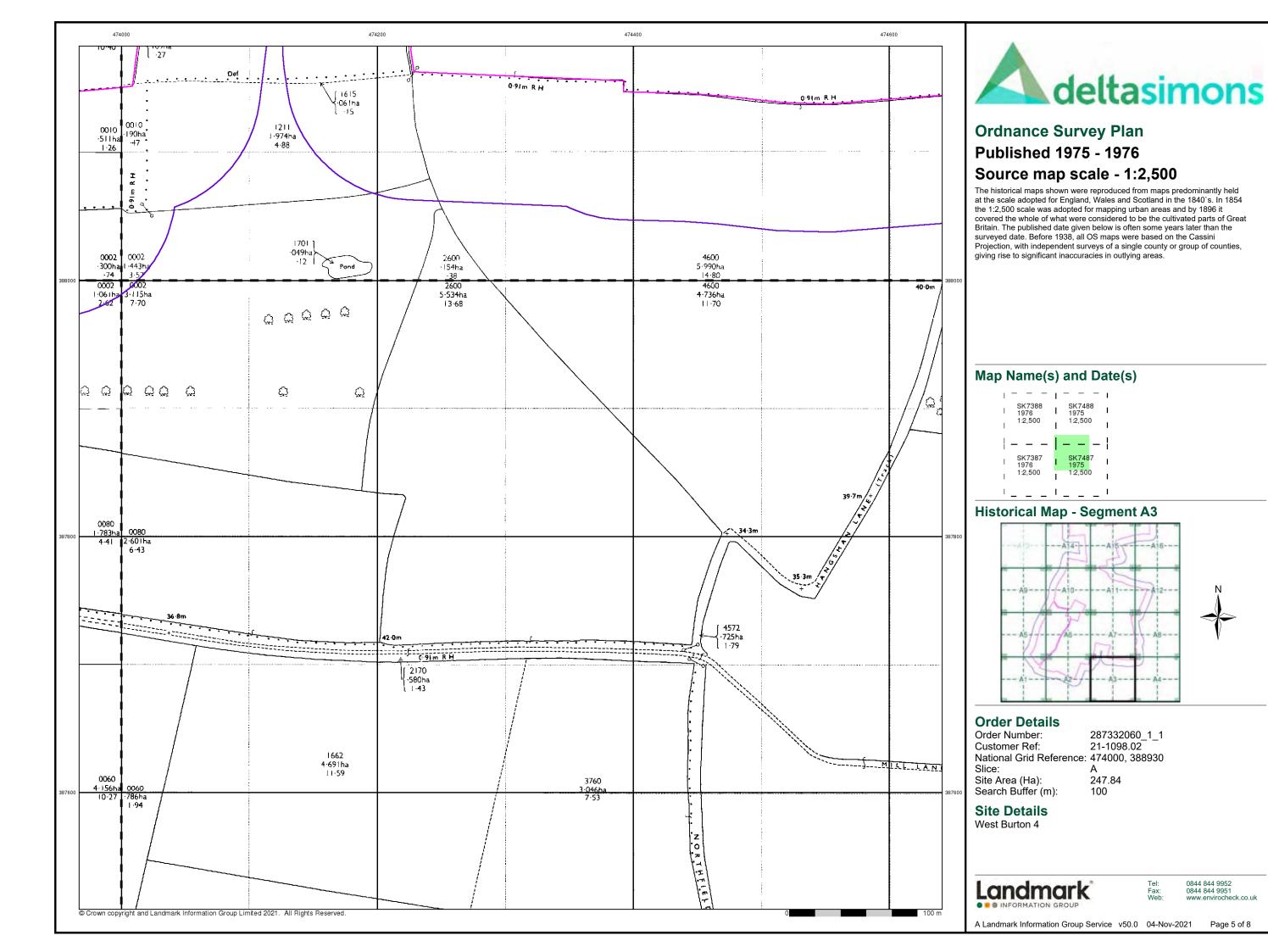
0844 844 9952 0844 844 9951

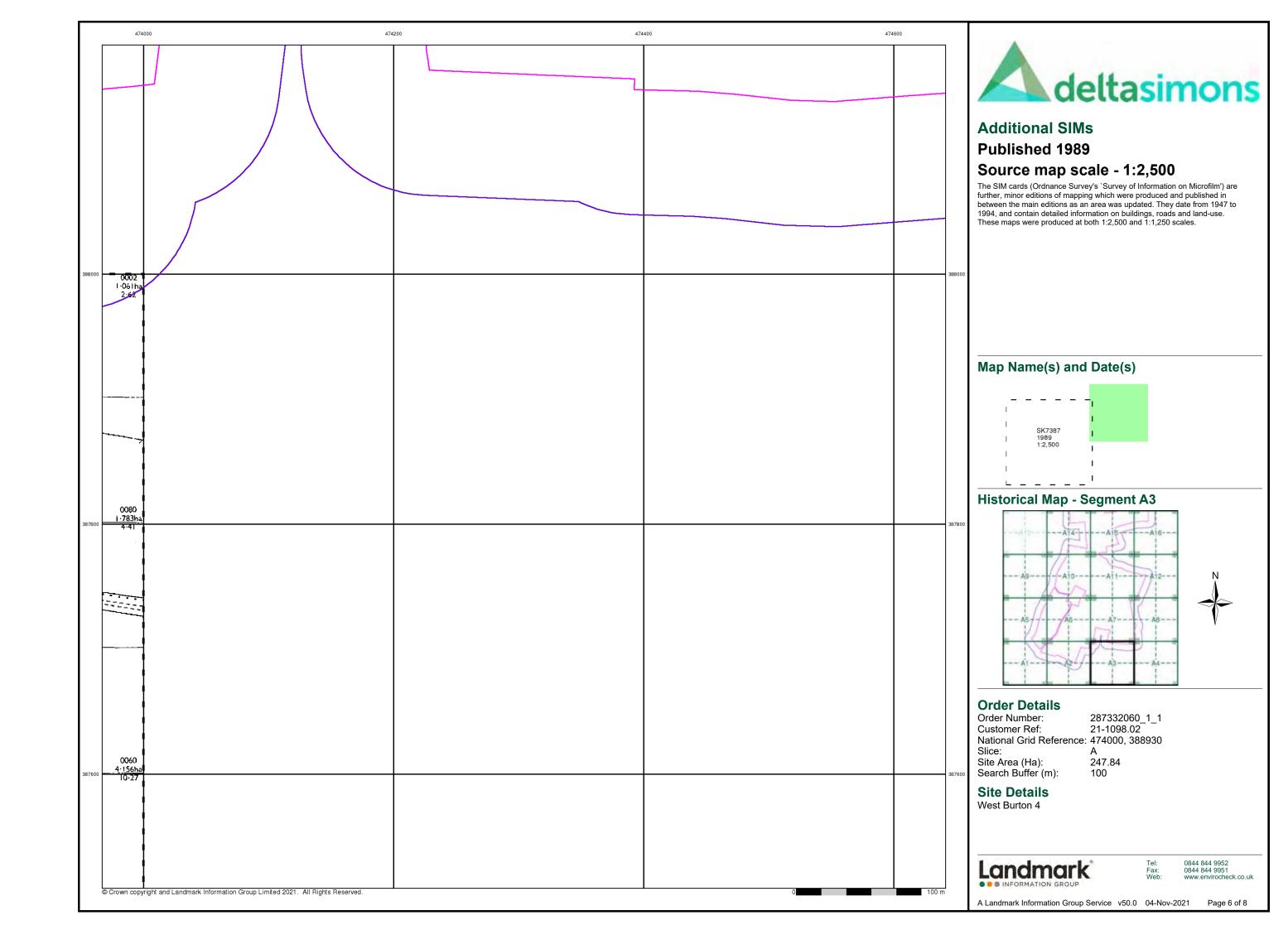
Page 1 of 8

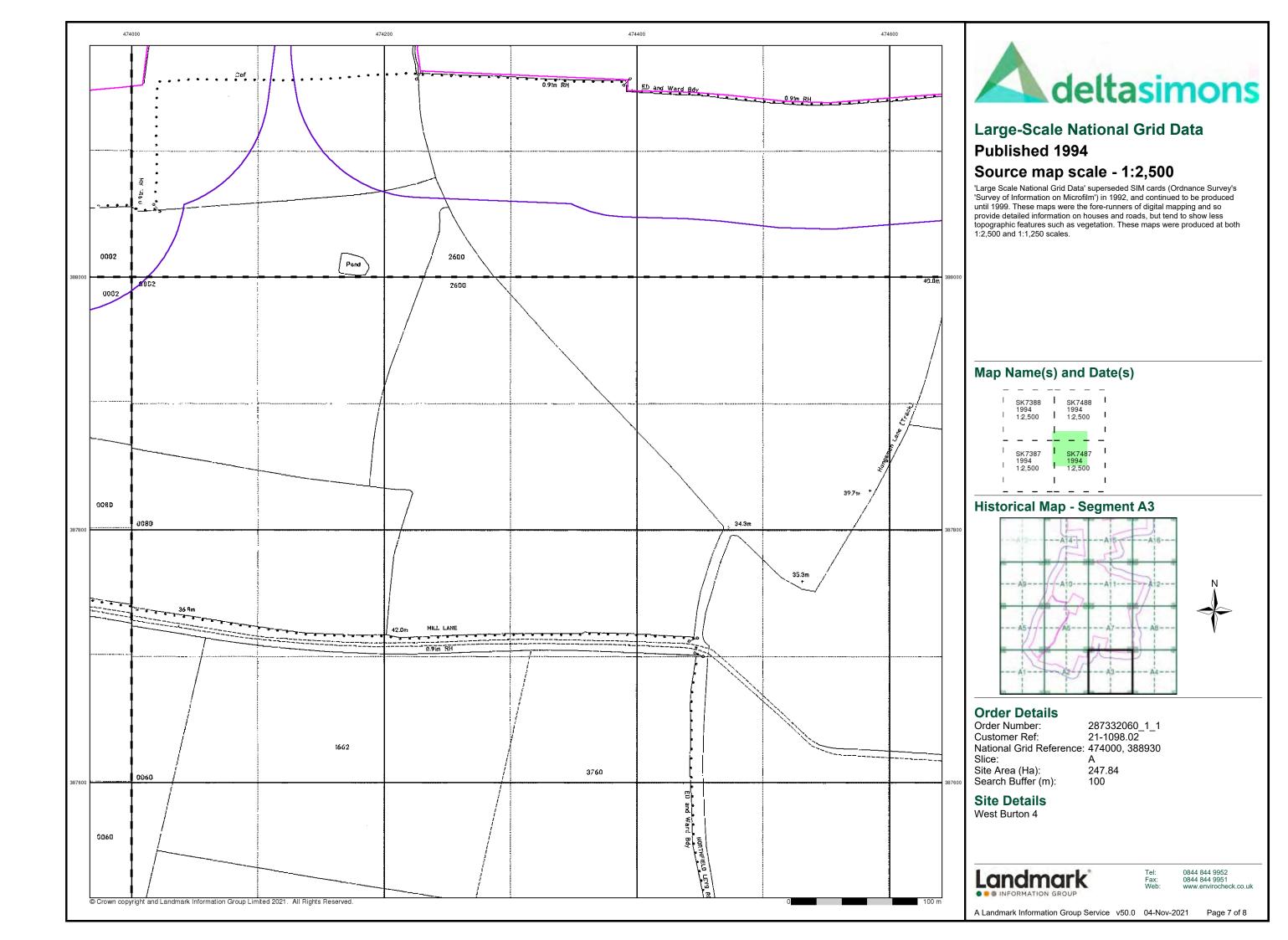


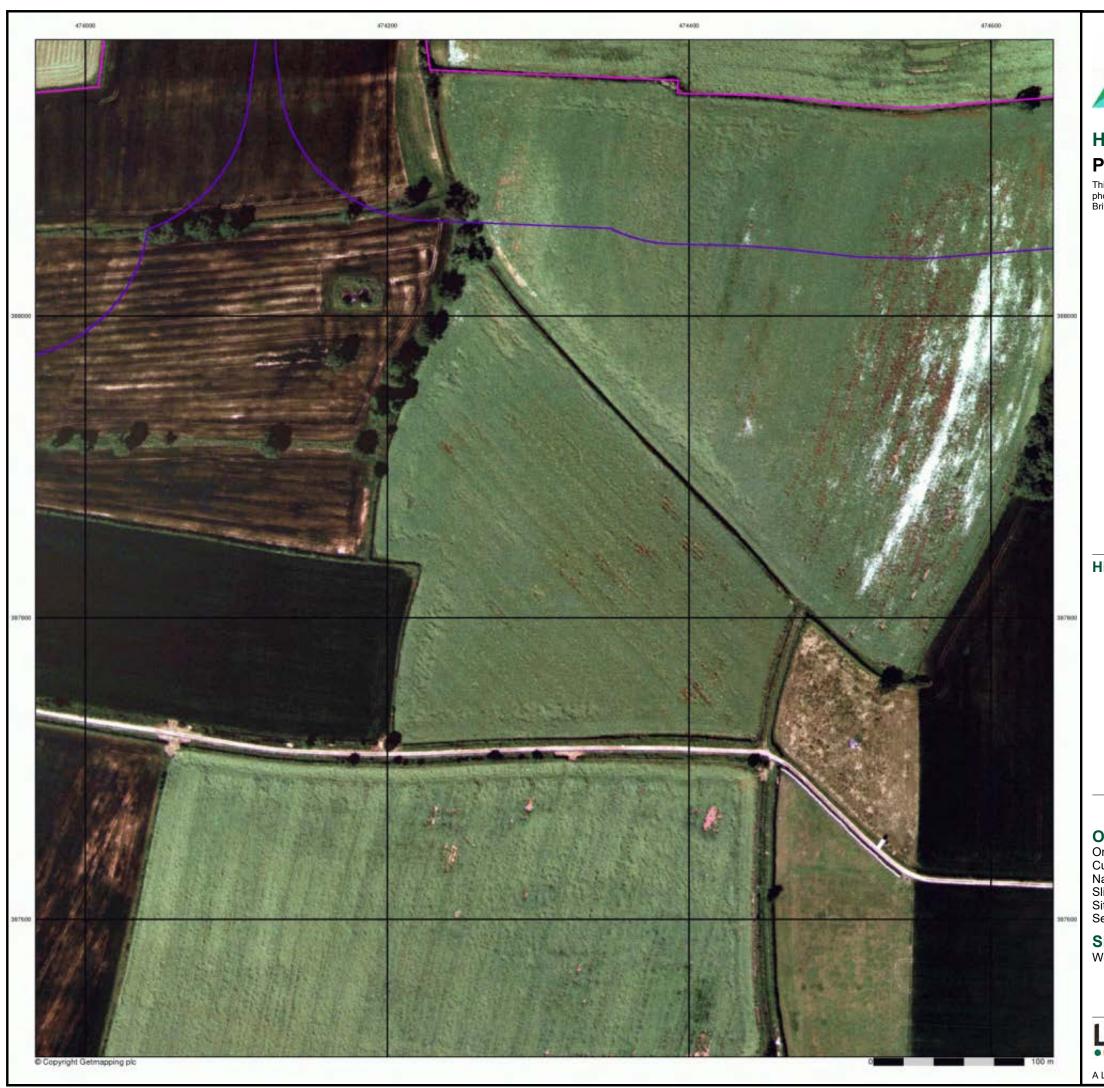








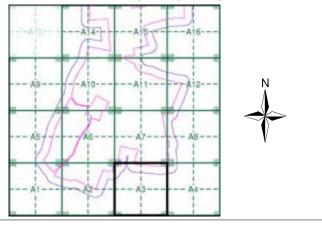






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A3**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

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

247.84 100

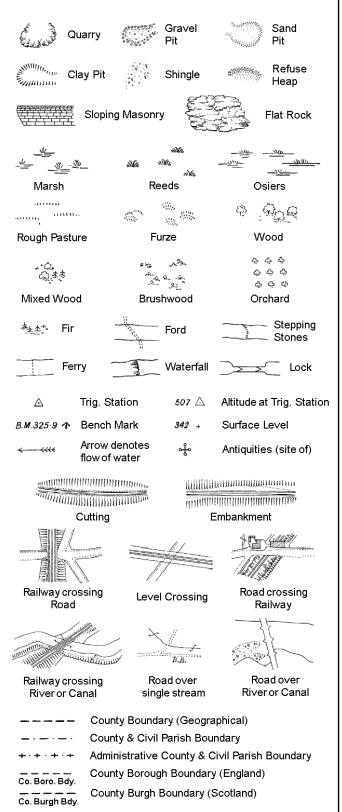
## **Site Details**

West Burton 4

Landmark INFORMATION GROUP

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

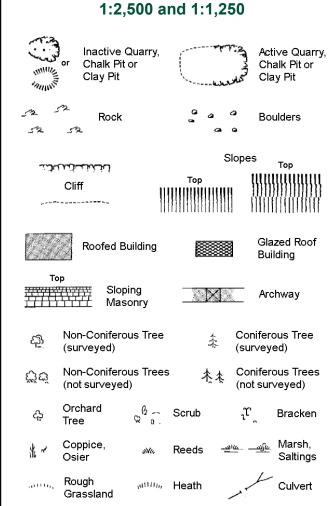
S.P

T.C.B

Sl.

 $T_T$ 

## Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information**



**Electricity Transmission Line** 

Direction

Cave

of water flow

	_
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · <del></del> ·	Admin. County or County Bor. Boundary
- <del></del>	London Borough Boundary
	Symbol marking point where boundary mereing changes

Bench

Triangulation

Antiquity

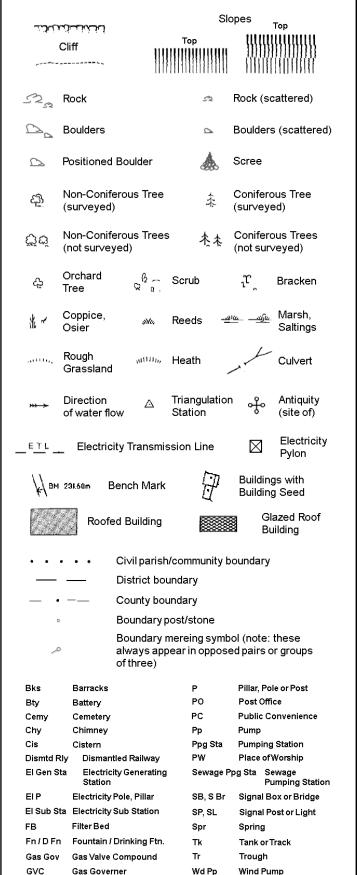
(site of)

Electricity

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,			
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250



Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wks

**Guide Post** 

Mile Post or Mile Stone

Manhole

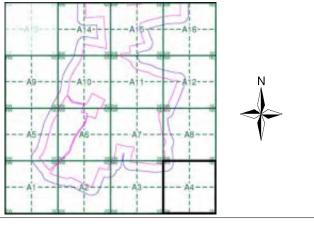
MP, MS



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

#### **Historical Map - Segment A4**



#### **Order Details**

Order Number: 287332060_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 474000, 388930 Slice:

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

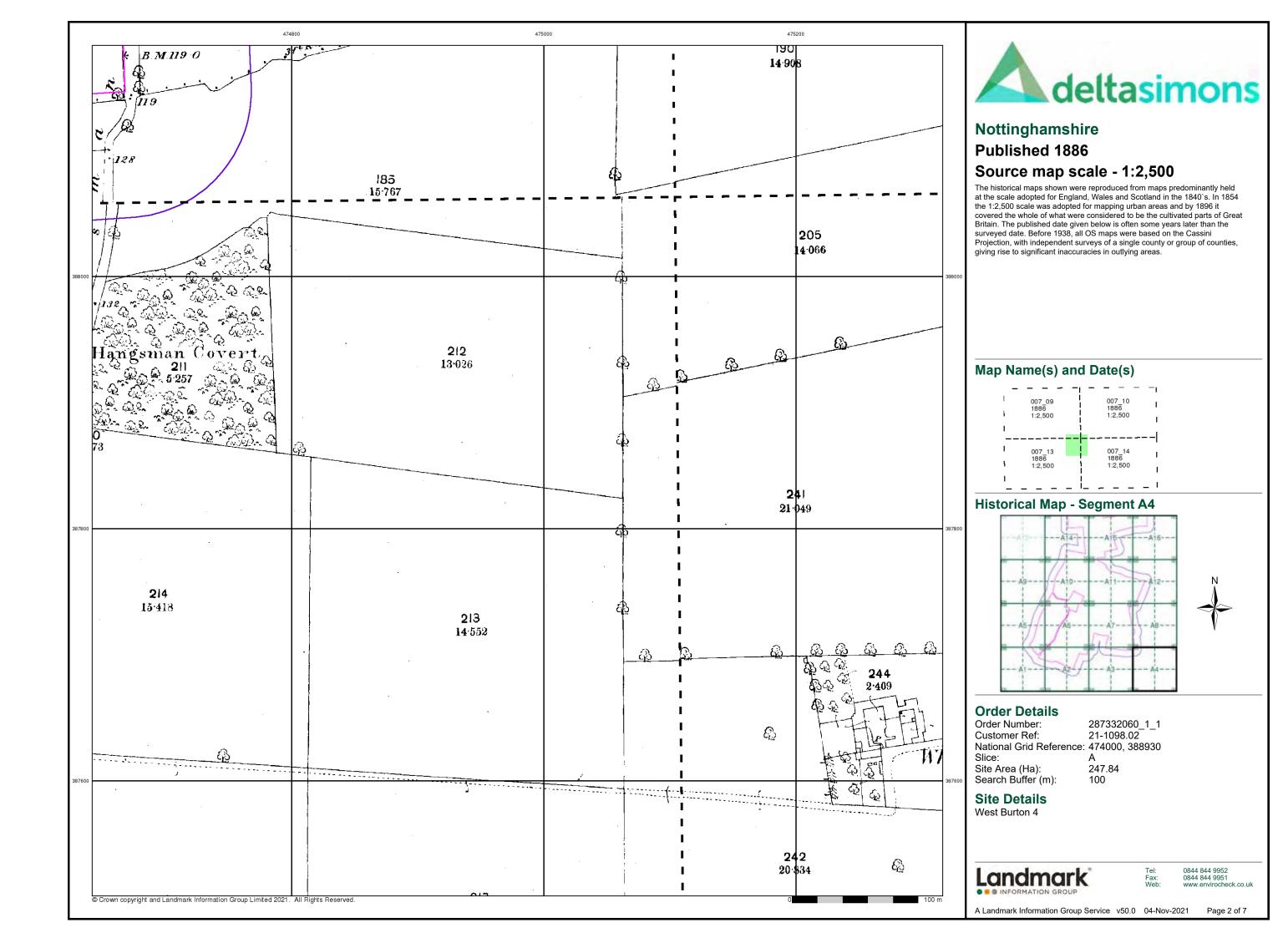
247.84 100

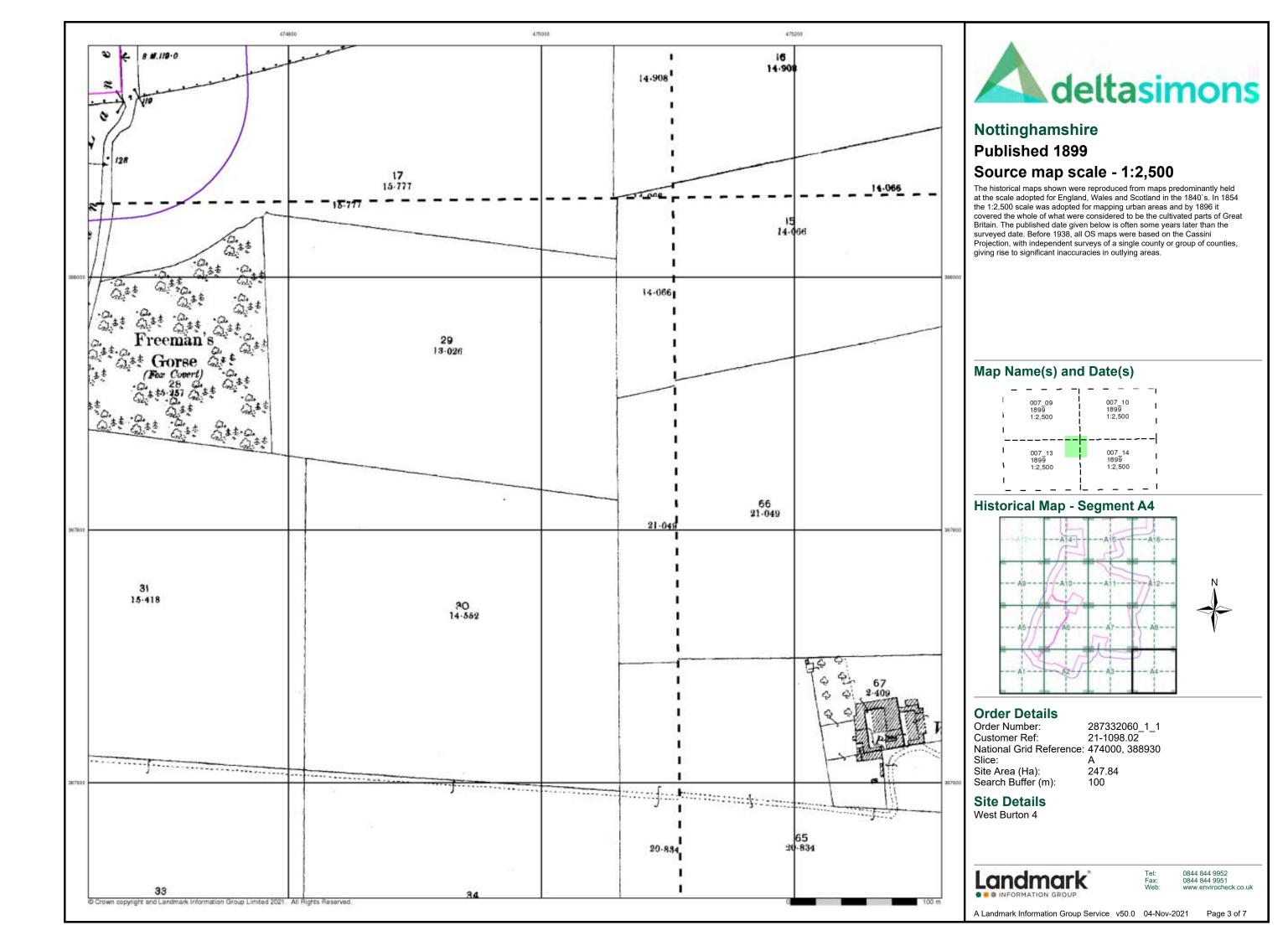
**Site Details** West Burton 4

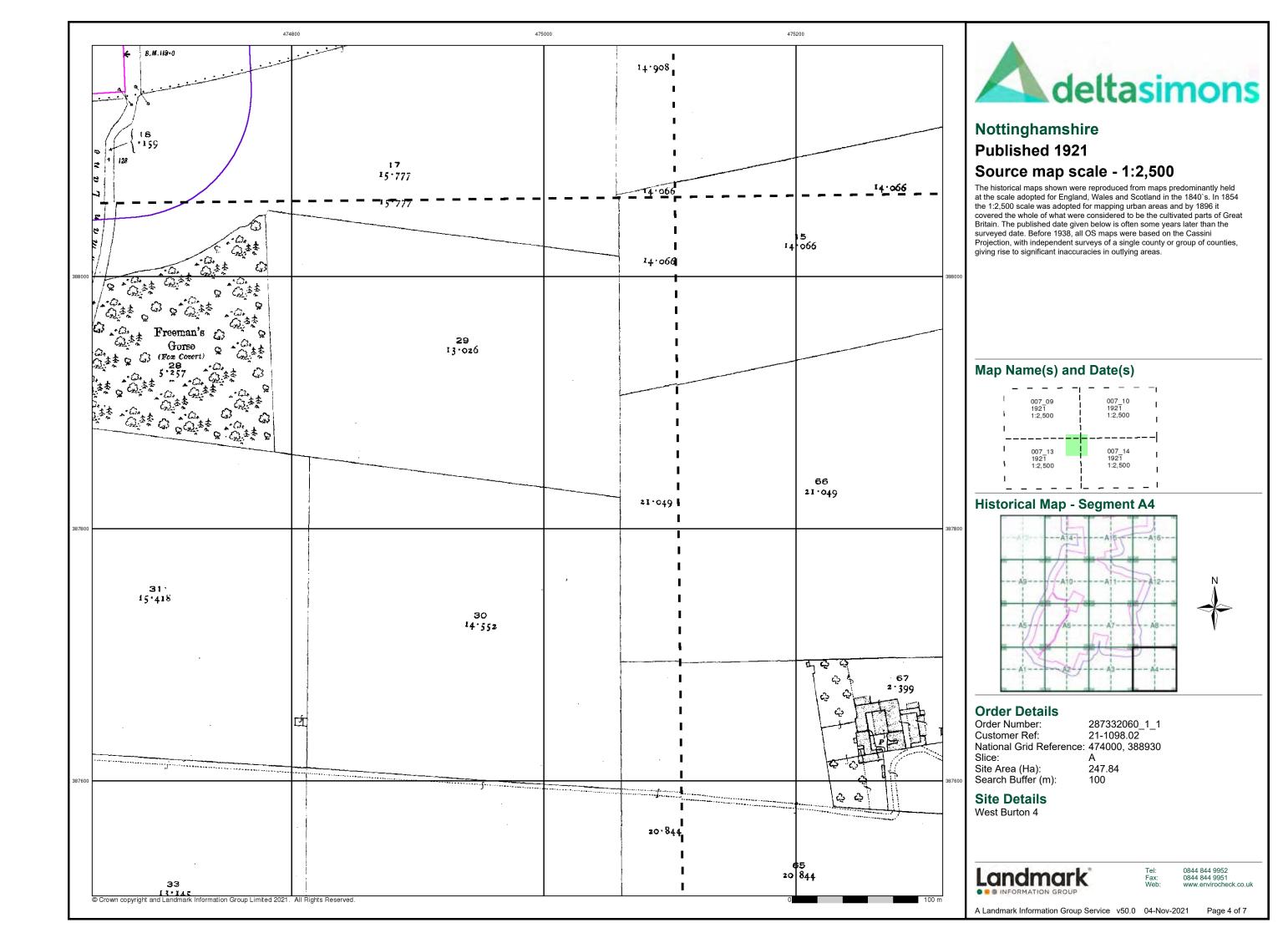
Landmark

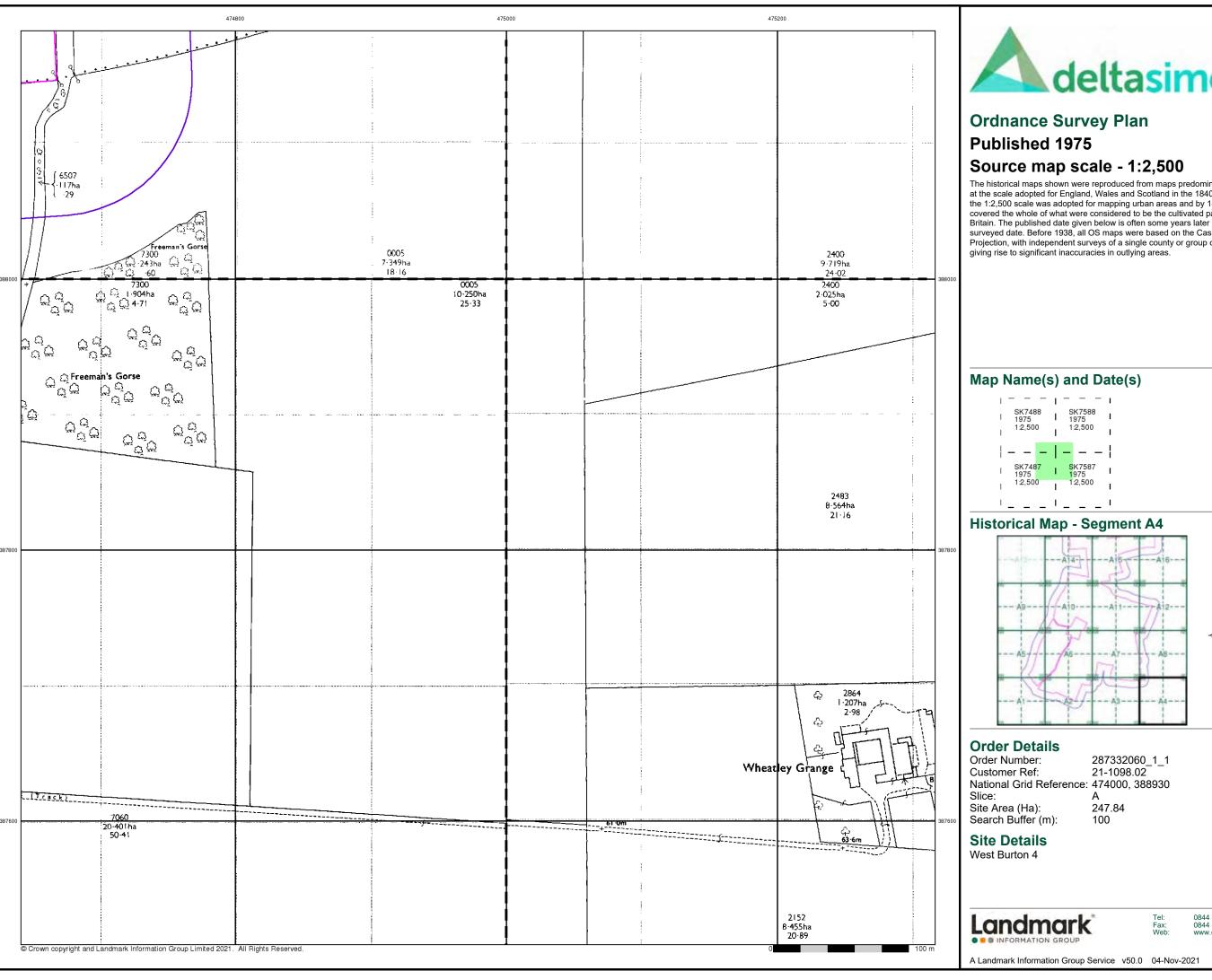
0844 844 9952 0844 844 9951

Page 1 of 7





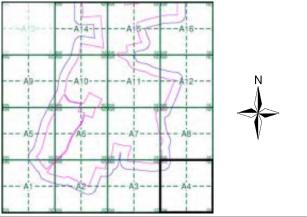






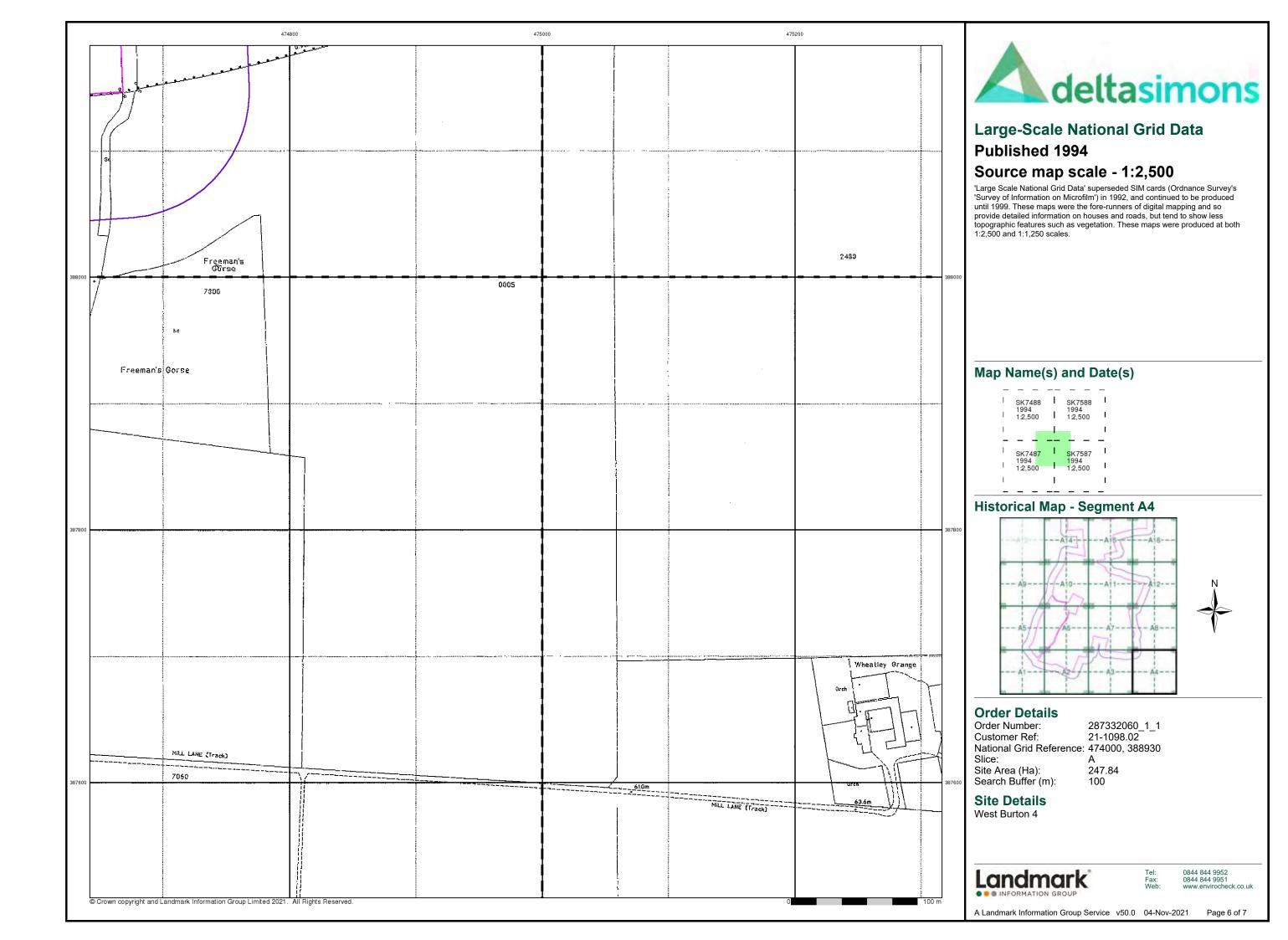
# Source map scale - 1:2,500

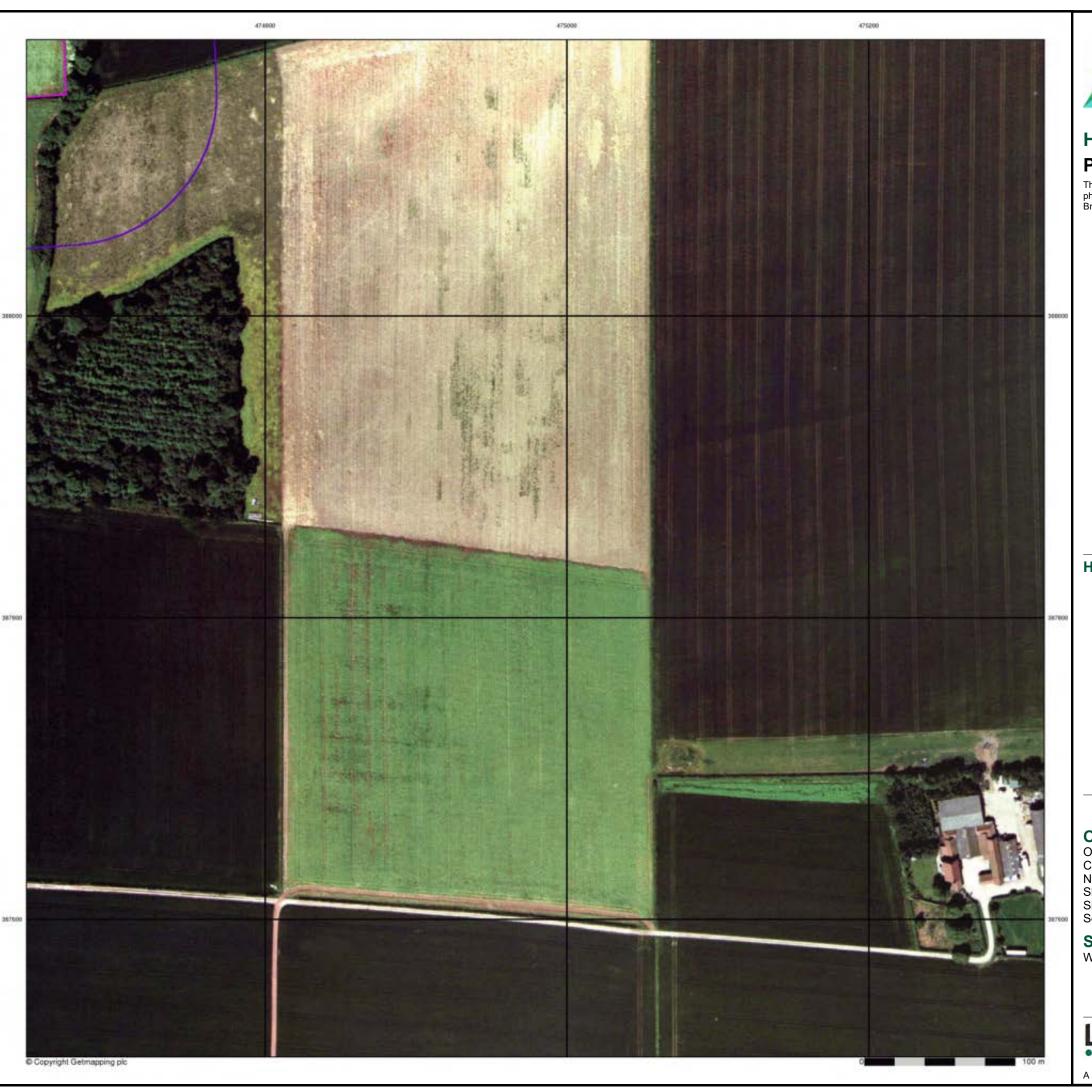
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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



National Grid Reference: 474000, 388930

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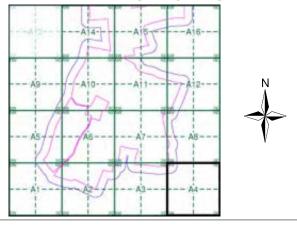






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A4**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

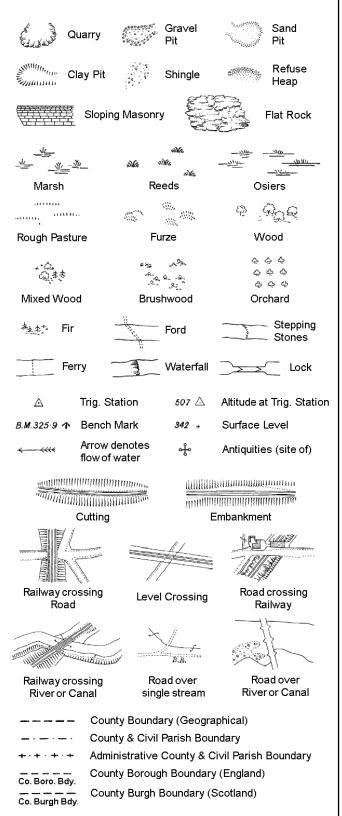
**Site Details** West Burton 4

Landmark*

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 7 of 7

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



B.R.

E.P

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

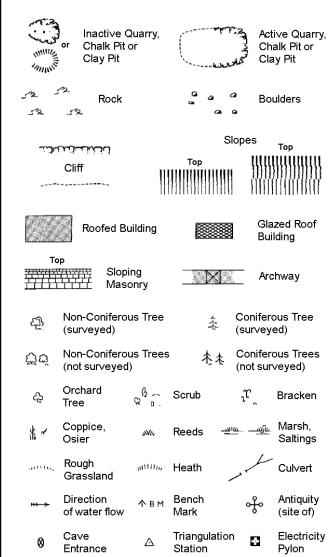
S.P

T.C.B

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary

27		Symbol marking point where boundary mereing changes			
	вн	Beer House		Р	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 Fount	ain	Pp	Pump
	EIP	Electricity Pillar	or Post	SB, S Br	Signal Box or Bridge
	FAP	Fire Alarm Pilla	r	SP, SL	Signal Post or Light
	FB	Foot Bridge		Spr	Spring
	GP	Guide Post		Tk	Tank or Track
	Н	Hydrant or Hyd	raulic	тсв	Telephone Call Box
	LC	Level Crossing		TCP	Telephone Call Post
	MH	Manhole		Tr	Trough
	MP	Mile Post or Mo	oring Post	WrPt,WrT	Water Point, Water Tap
	MS	Mile Stone		W	Well
	NTL	Normal Tidal Li	mit	Wd Pp	Wind Pump

# 1:1,250

		Slopes Top		
רוני. הלאנדיונייניי		Тор	uuu	Man
Cliff	1111111	111111111111	_,,,,,,,,,	1111111111
>			1111111	111111111
≤2 ₅₂ Rock		23	Rock (sc	attered)
riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle  riangle		Δ.	Boulders	(scattered)
Positioned	Boulder		Scree	
Non-Conife (surveyed)	erous Tree	-1-	Conifero (surveye	
ූූට Non-Conife (not surve	erous Trees /ed)	/IN .A.	Conifero (not surv	ous Trees reyed)
එ Orchard Tree	လွ ^ဖ ြင့် So	crub	^ب ھ ّ	Bracken
Coppice, Osier	ava R∈	eeds <u>w</u>	<u>ল স্</u> যাত	Marsh, Saltings
Rough Grassland	_{мини} . Не	eath	1	Culvert
Direction of water flo		iangulation ation	ઌ૾ૺ	Antiquity (site of)
E_TL Electric	ity Transmissio	on Line	$\boxtimes$	Electricity Pylon
\ €\ BM 231.60m	ench Mark		Building Building	
Roofe	ed Building		9	azed Roof ilding
	Civil parish/co	mmunity bo	oundary	
	Civil parish/community boundary  District boundary			
_ •	County boundary			
٠	Boundary post/stone			
P	Boundary mer always appea of three)			
Bks Barracks		Р	Pillar, Pol	e or Post
Bty Battery		PO	Post Offic	ce
Cemy Cemetery		PC	Public Co	onvenience
Chy Chimney		Pp	Pump	
Cis Cistern		Ppg Sta	Pumping	
-	tled Railway	PW	Place of V	·
El Gen Sta Electric Station	ity Generating	Sewage Pp		wage mping Station
EIP Electricity	Pole, Pillar	SB, S Br		ox or Bridge
El Sub Sta Electricity		SP, SL	_	ost or Light
FB Filter Bed		Spr	Spring	=

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

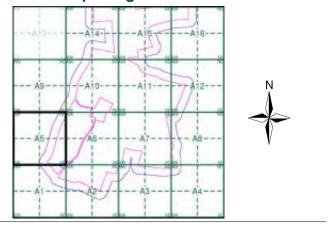
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Additional SIMs	1:2,500	1989	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

#### **Historical Map - Segment A5**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

247.84 Search Buffer (m):

#### **Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

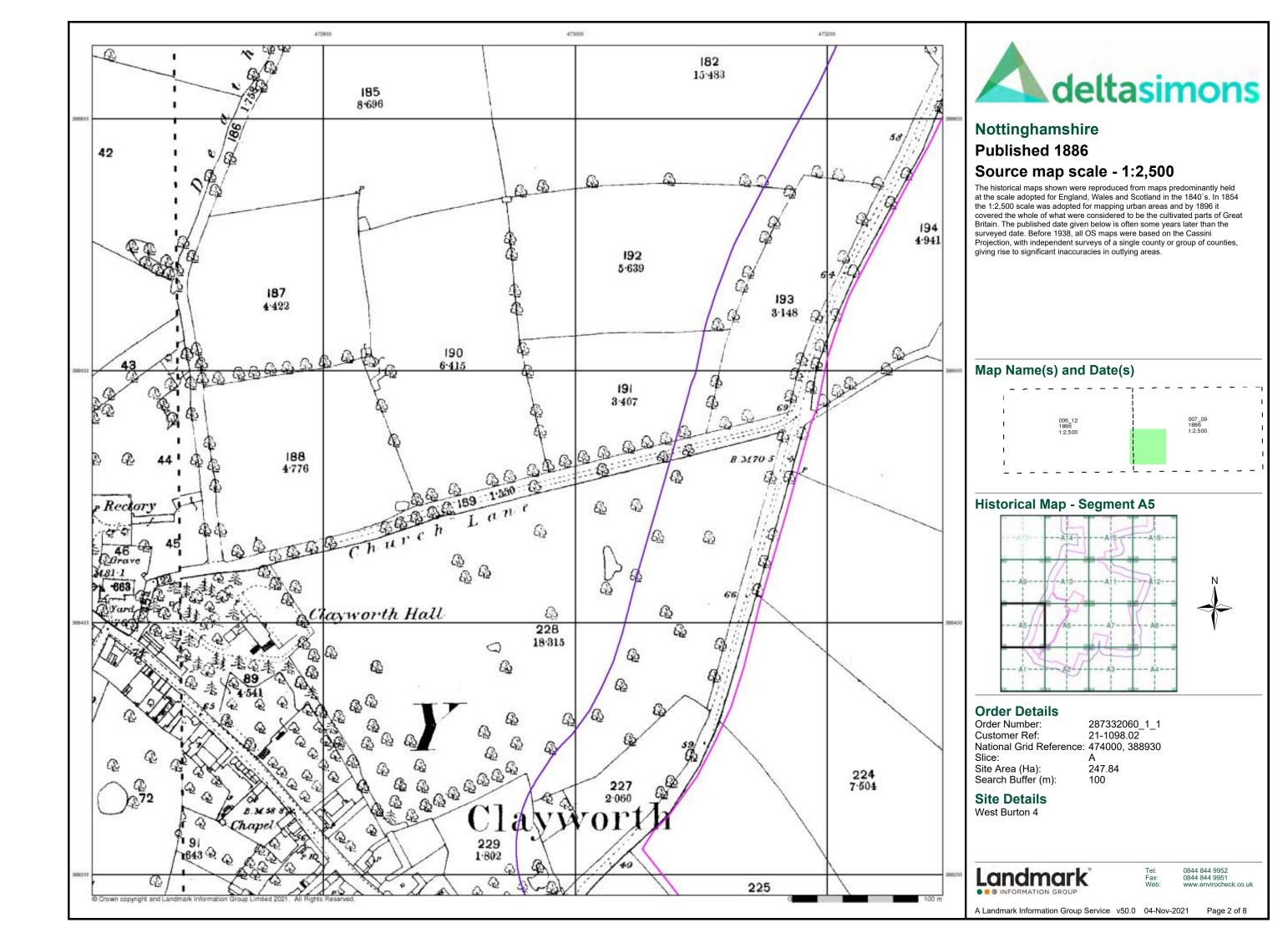
Wd Pp

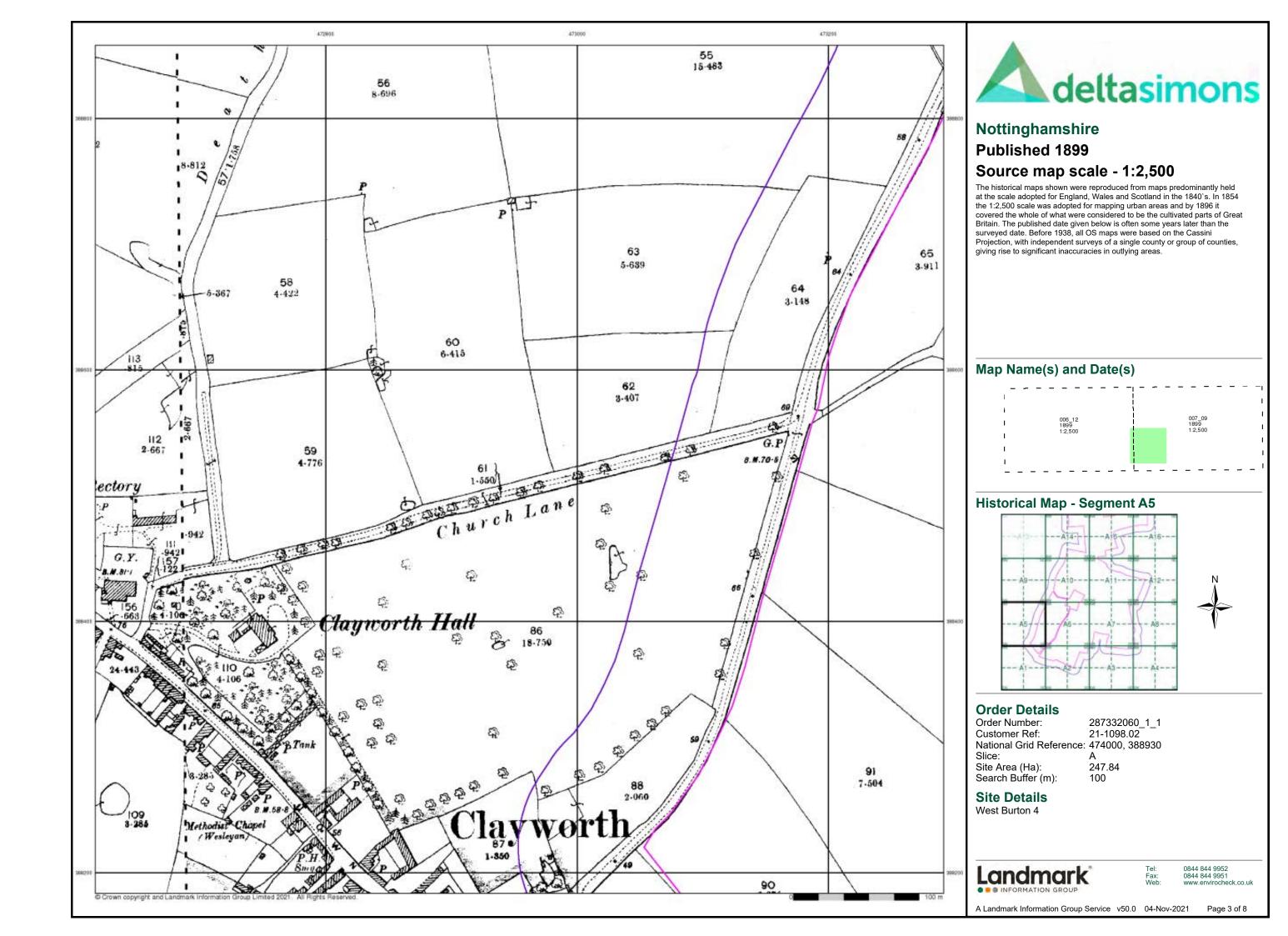
Wks

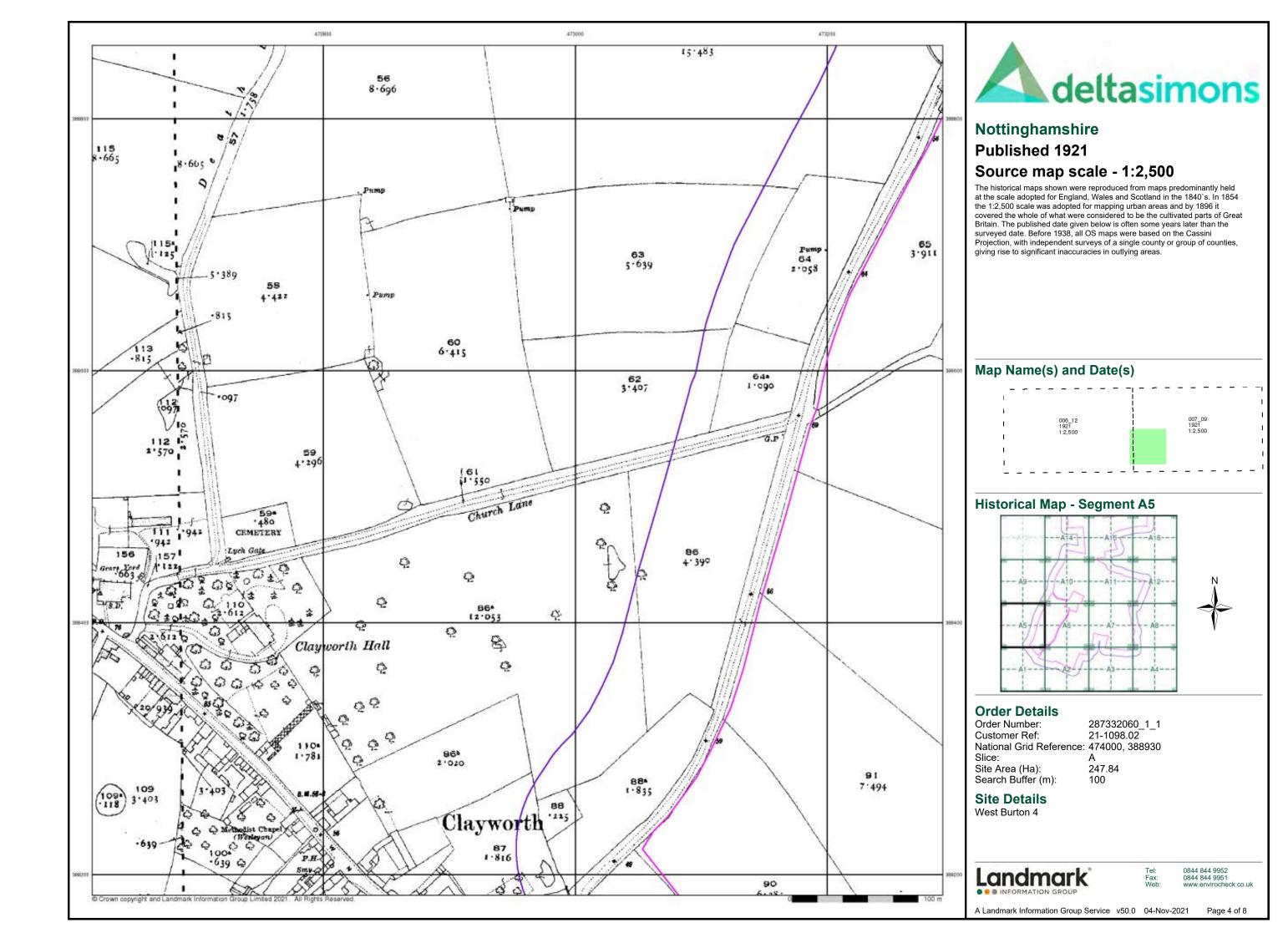
Landmark

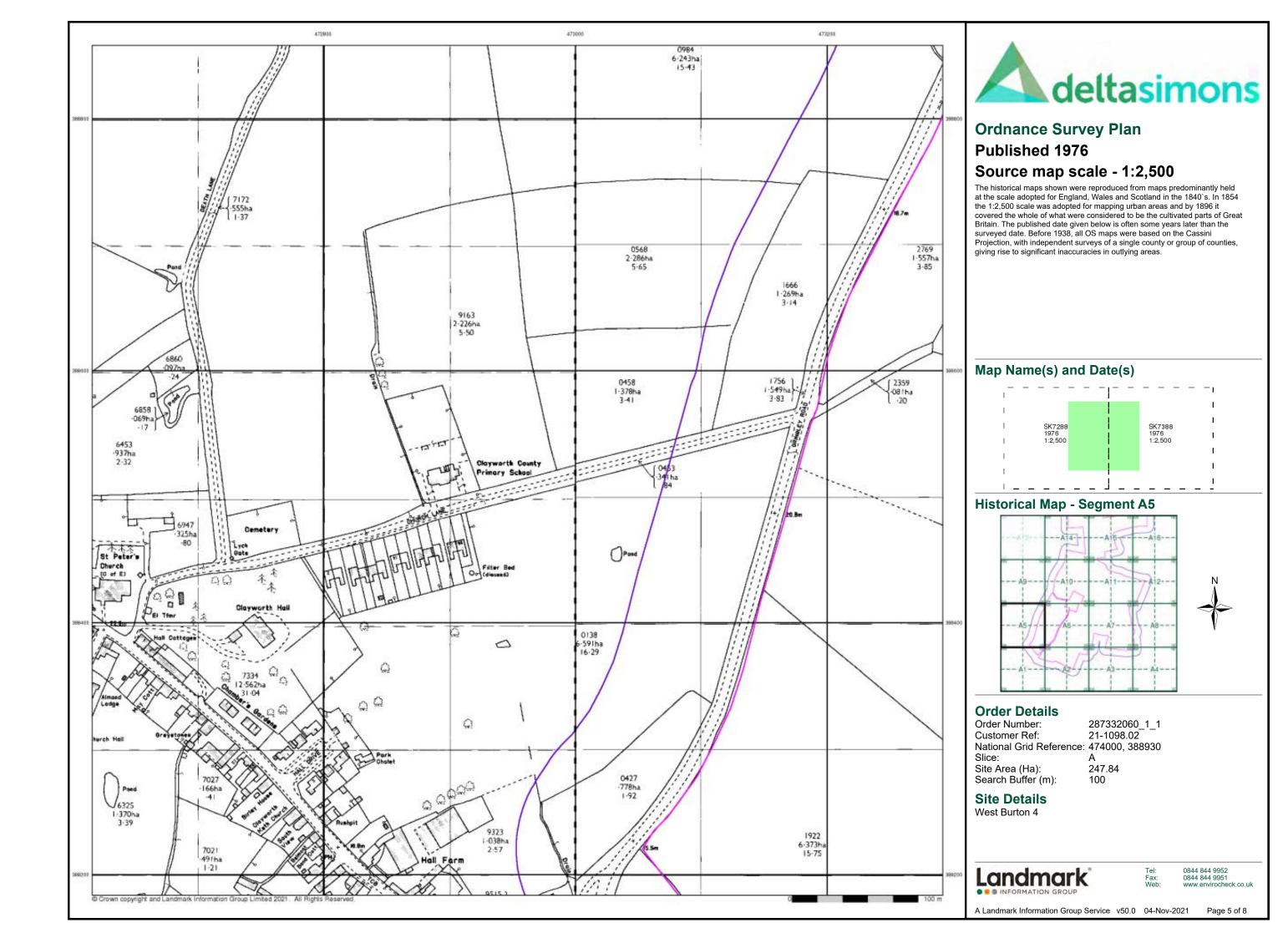
0844 844 9952 0844 844 9951

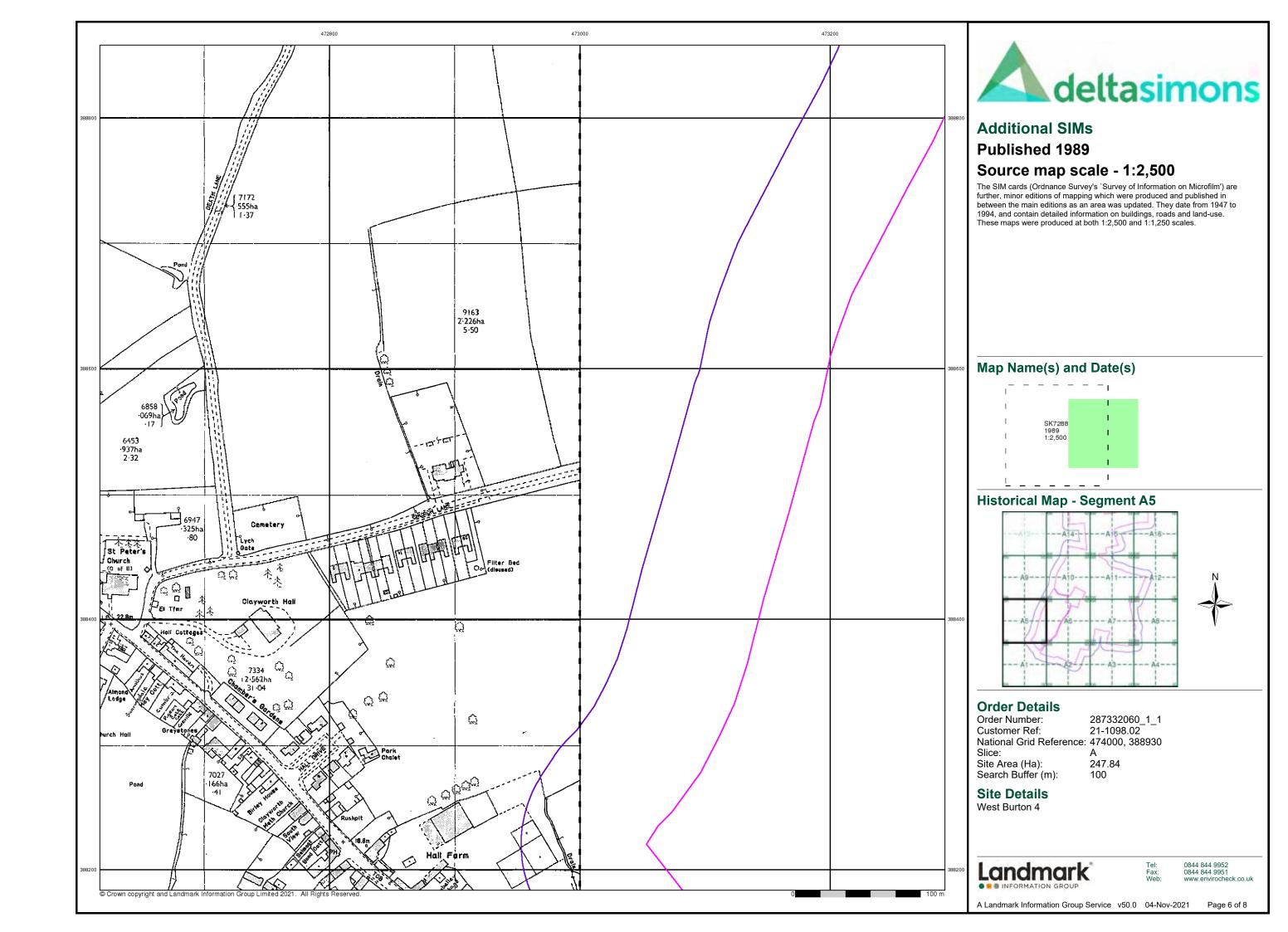
Page 1 of 8

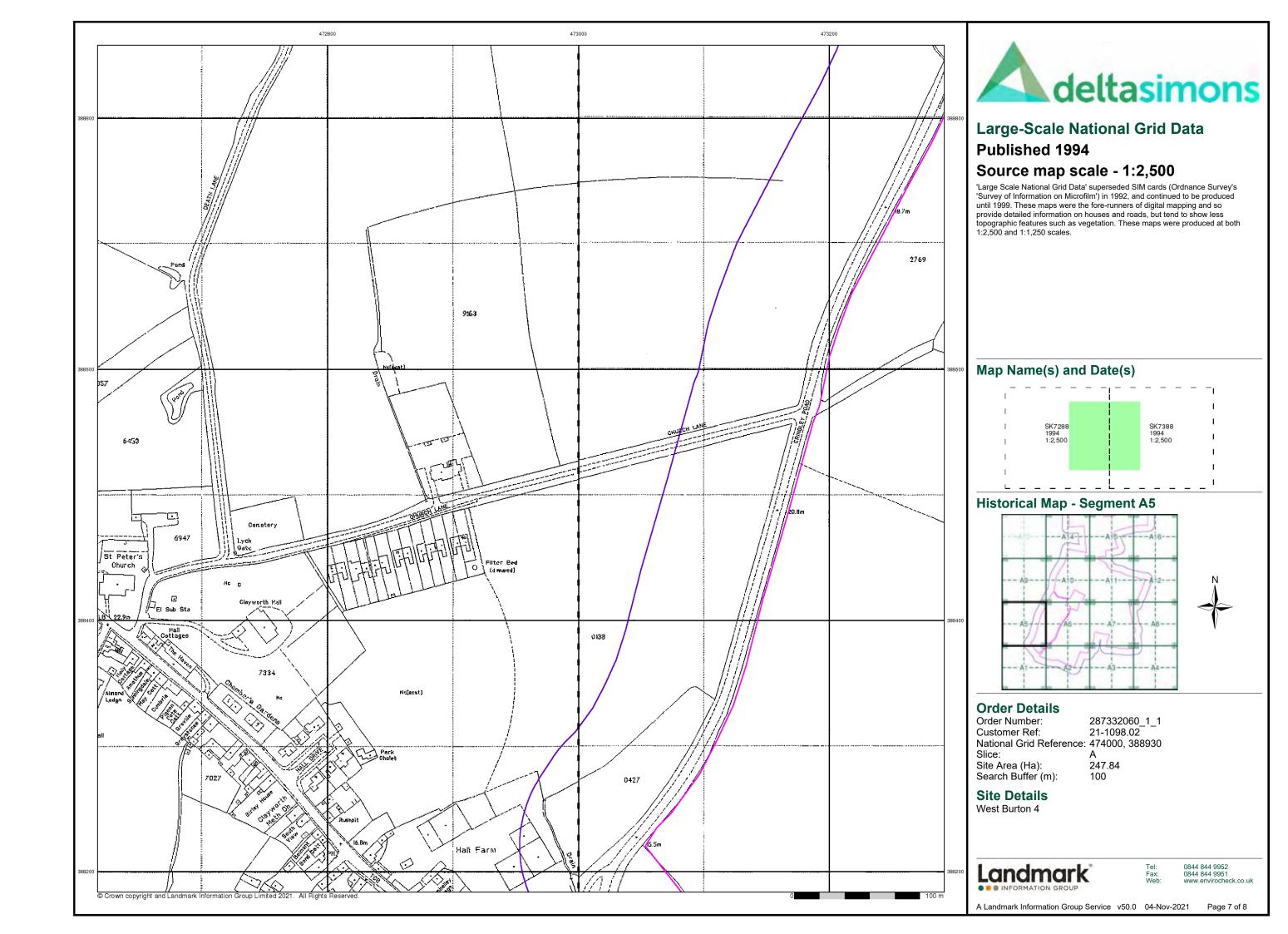










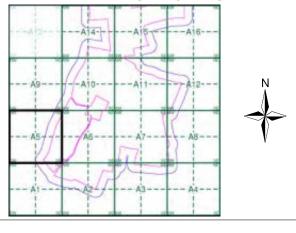






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A5**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

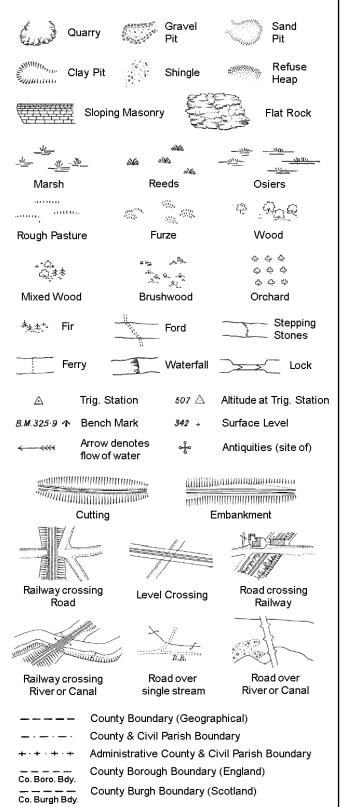
Site Area (Ha): Search Buffer (m): 247.84 100

**Site Details** West Burton 4

Landmark*

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

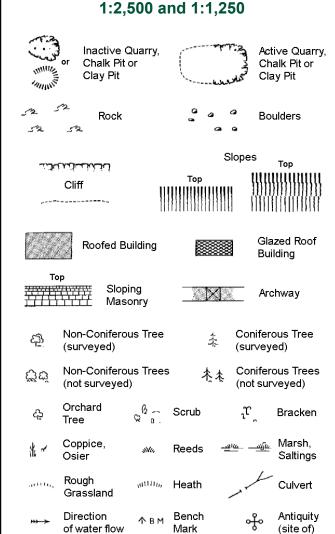
S.P

T.C.B

Sl.

 $T_T$ 

# Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information**



**Electricity Transmission Line** 

Cave

	<b>-</b>
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
P. C.	Symbol marking point where boundary mereing changes

Triangulation

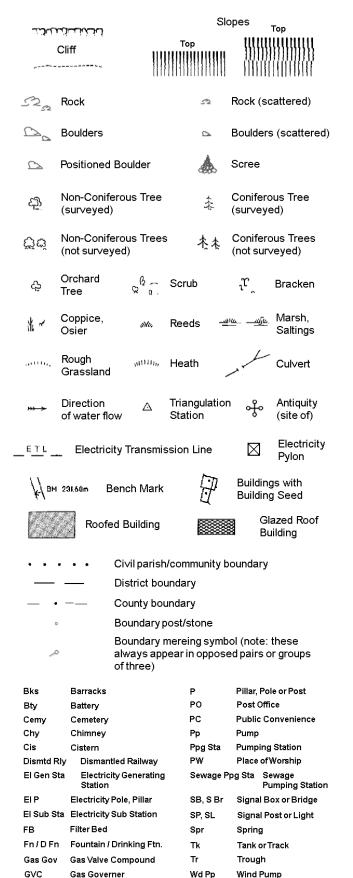
Station

Electricity

÷

вн	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250



Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wks

**Guide Post** 

Mile Post or Mile Stone

Manhole

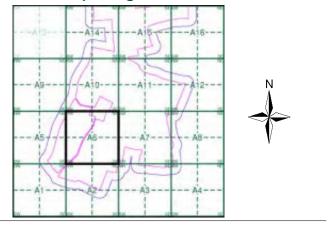
MP, MS



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A6**



#### **Order Details**

Order Number: 287332060_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 474000, 388930 Slice:

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

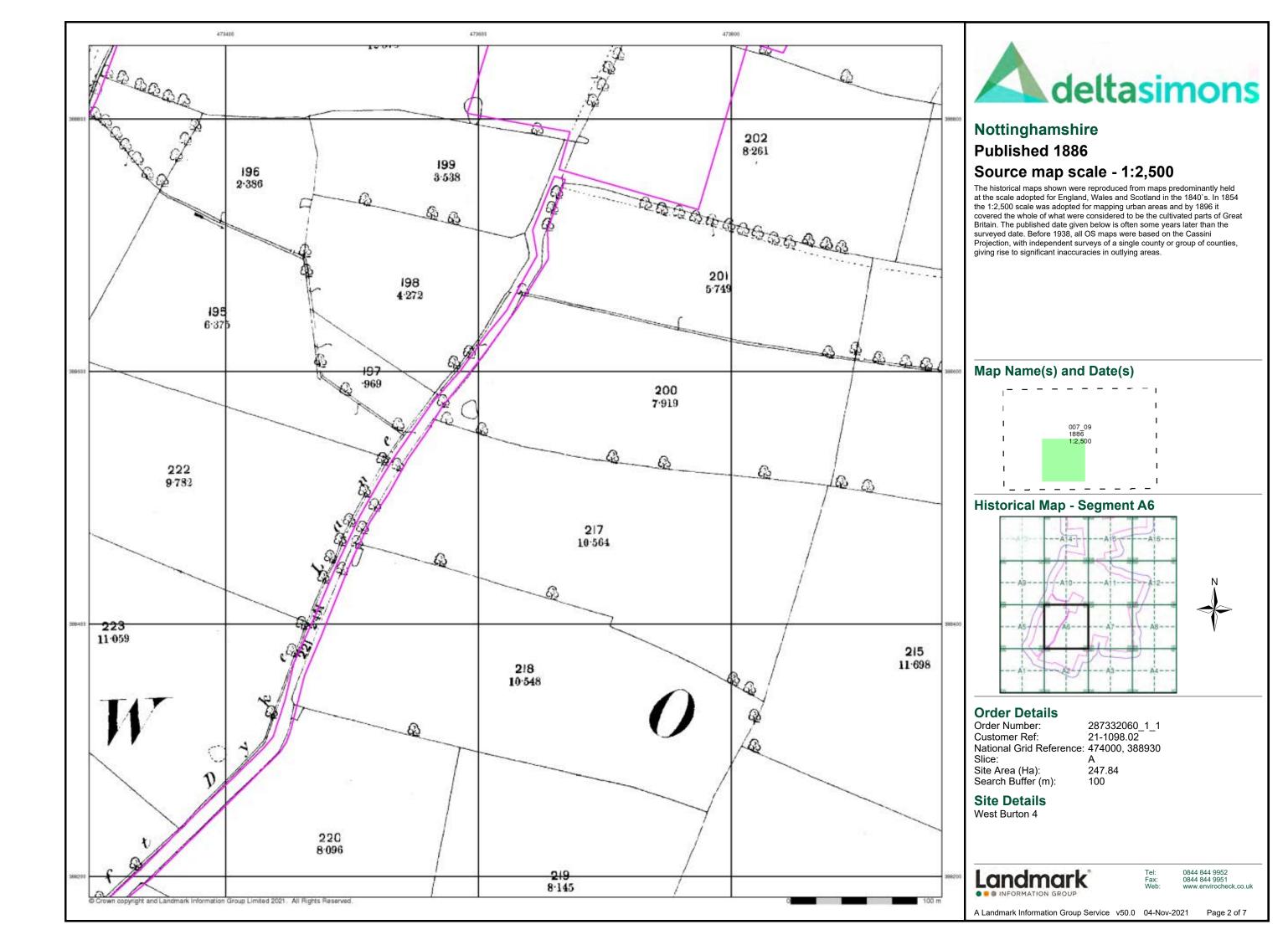
247.84 100

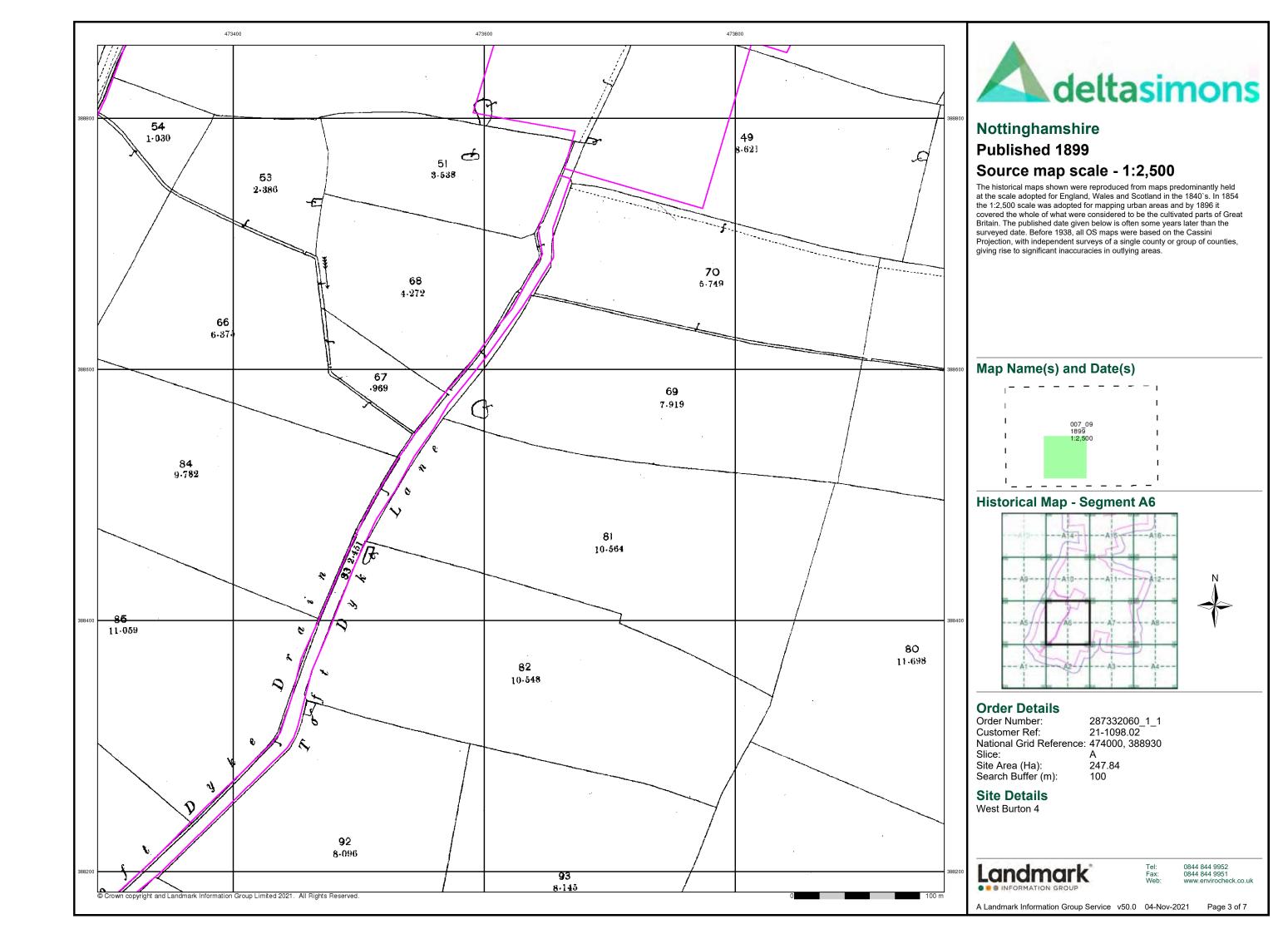
**Site Details** West Burton 4

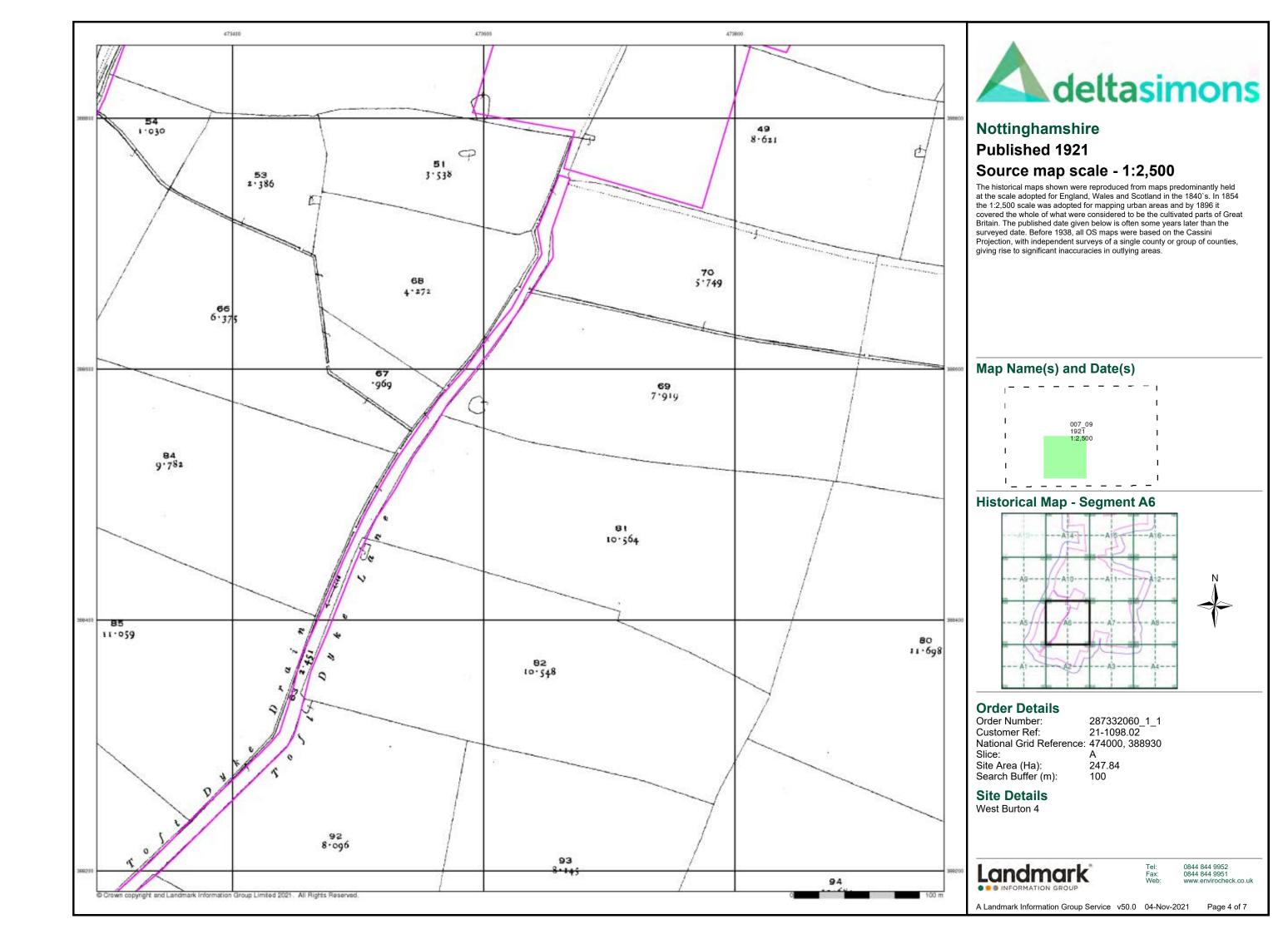
Landmark

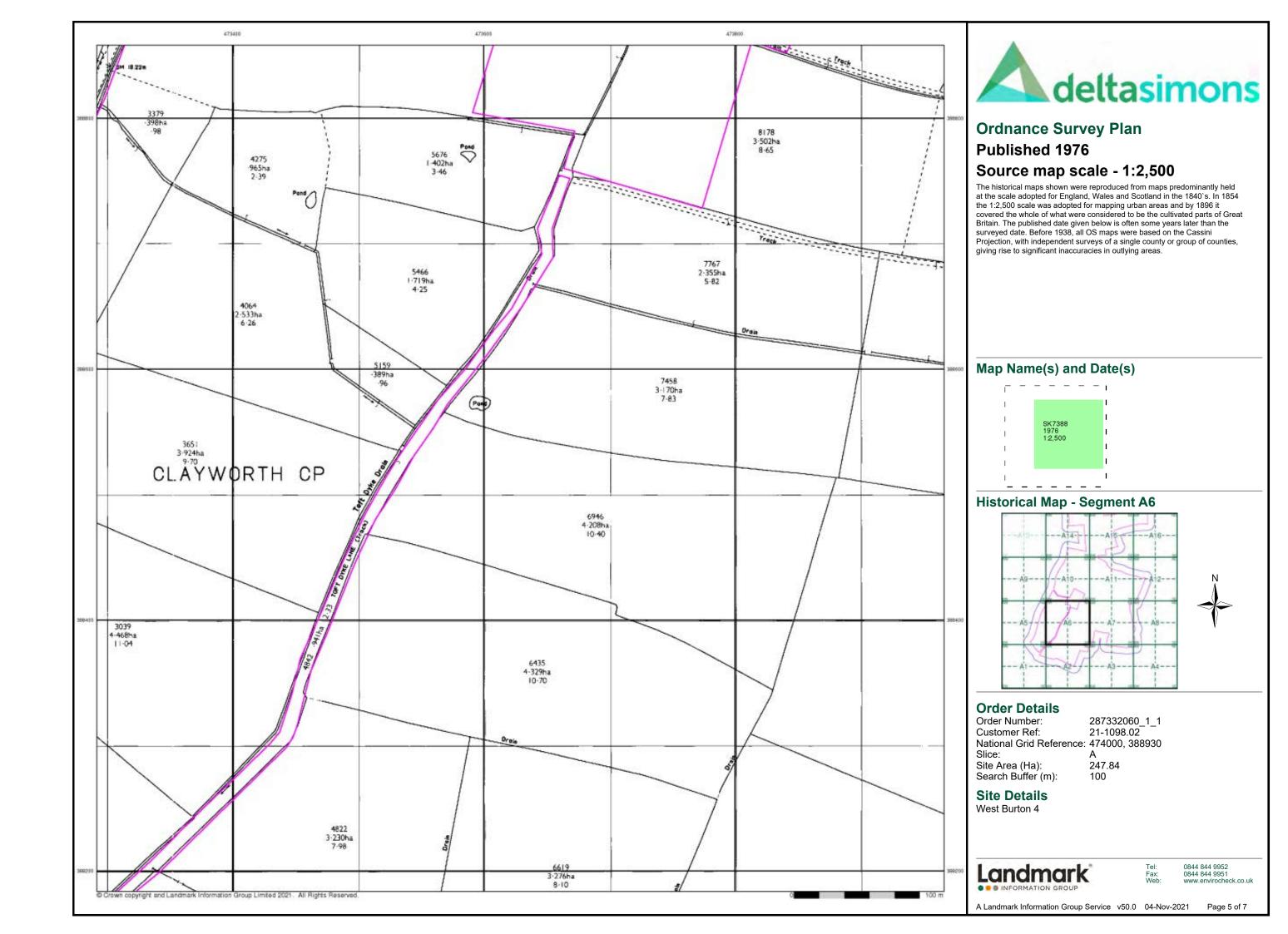
0844 844 9952 0844 844 9951

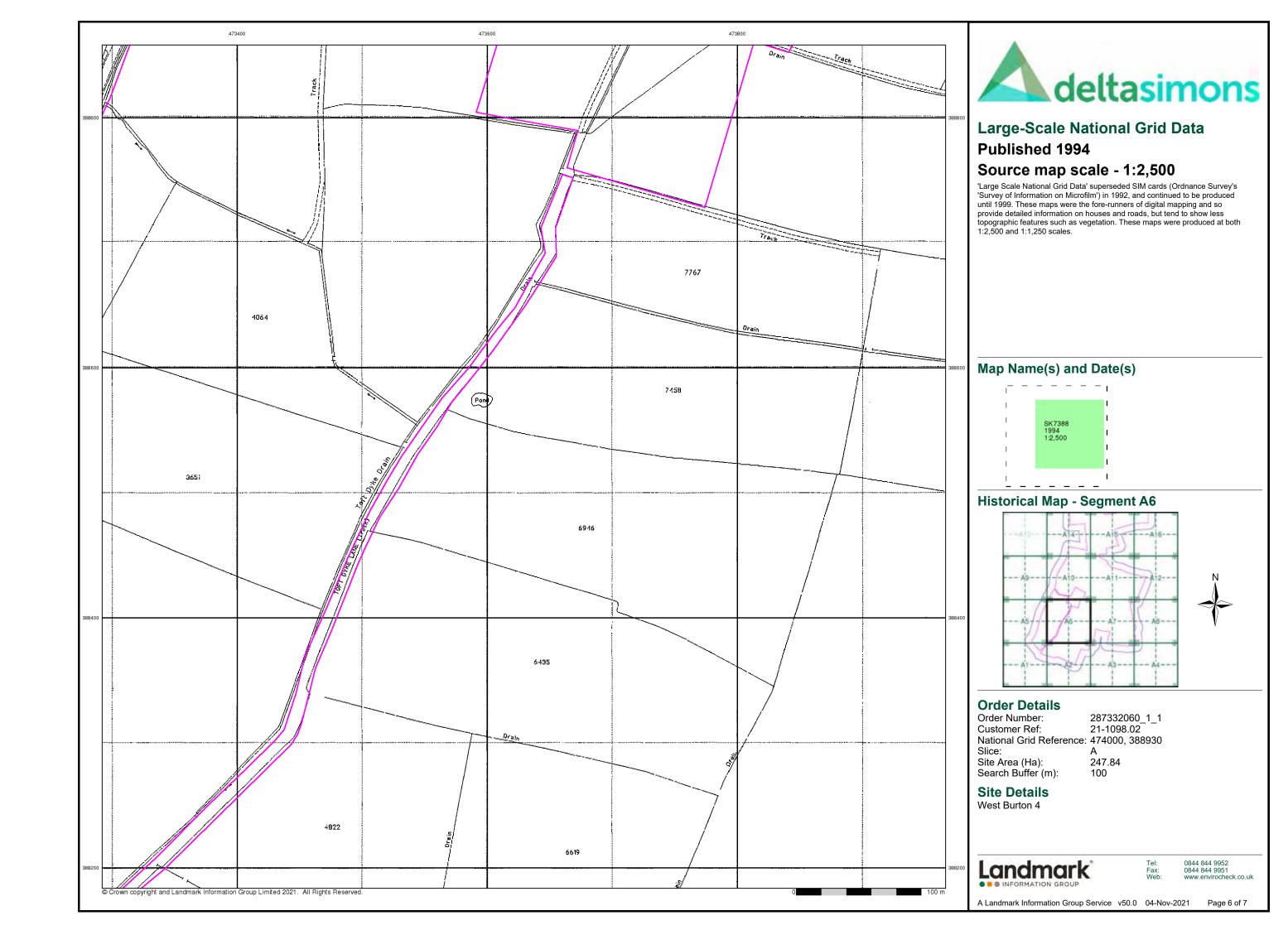
Page 1 of 7

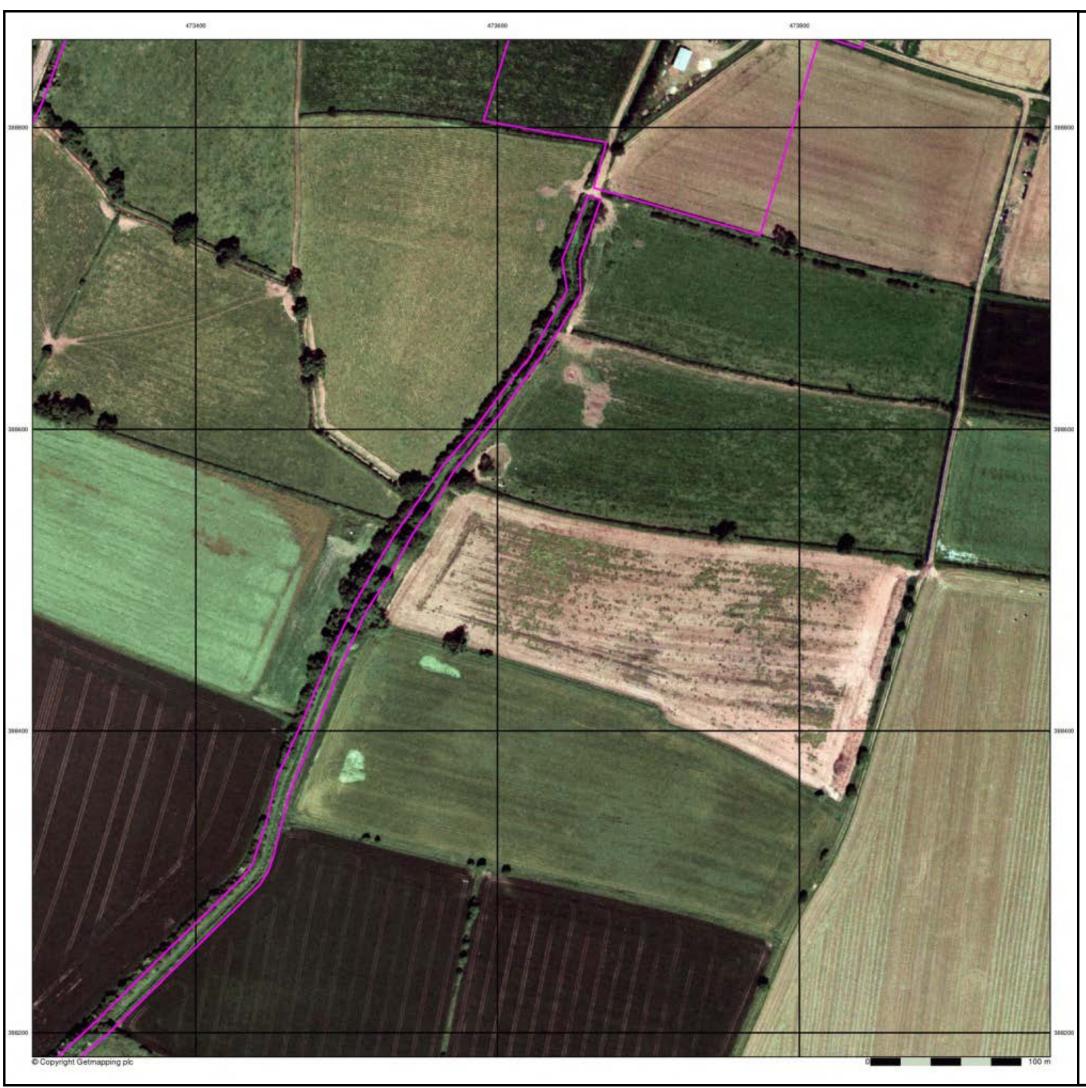








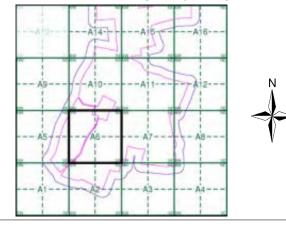






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A6**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

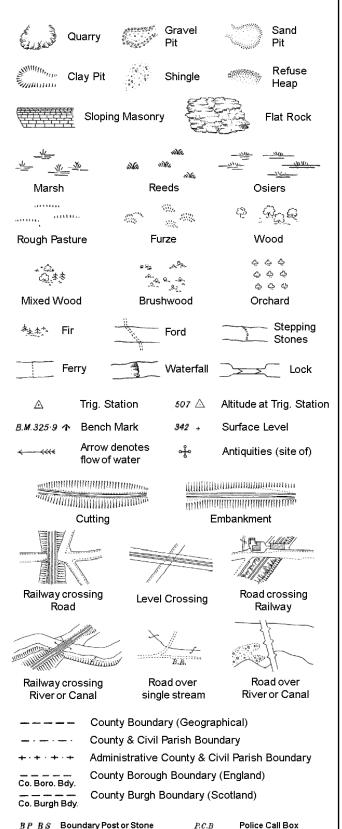
**Site Details** 

West Burton 4

Landmark*

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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



Pump

Sluice

Spring

Trough Well

Signal Post

Telephone Call Box

S.P

T.C.B

Sl.

Tr:

B.R.

E.P

F.B.

M.S

Bridle Road

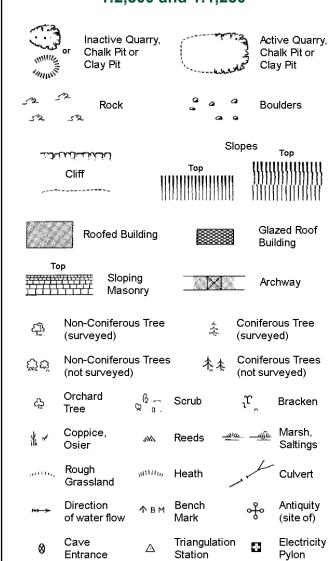
Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

# **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



# **Electricity Transmission Line**

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and 1:1,250

			Slo	opes	<b>-</b>
للنفلان			Тор	111111	Top !!!!!!!!!!
(	Cliff	1111	инини		))))))))))
,		1111			
525	Rock		23	Rock (se	cattered)
$\Box$	Boulders		₽	Boulders	s (scattered)
	Positioned	Boulder		Scree	
<u> </u>	Non-Conifo (surveyed)	erous Tree )	未	Conifero	ous Tree ed)
ඊ්ඊ	Non-Conife (not surve	erous Trees yed)	大大	Conifero (not sun	ous Trees veyed)
Ą.	Orchard Tree	Q a.	Scrub	ıμ,	Bracken
* ~	Coppice, Osier	sNu,	Reeds 🛥	<u>।ए —ग्रीह</u>	Marsh, Saltings
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rough Grassland	mmn,	Heath	1	Culvert
<del>&gt;&gt;&gt; →</del>	Direction of water flo	Δ	Triangulation Station	, ÷	Antiquity (site of)
E_TL	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
K BM	231.6ûm E	ench Mark			gs with g Seed
	Roofe	ed Building		251	lazed Roof uilding
		Civil parish	/community b	oundary	
		District bou			
_	_	County box	-		
_ •	_	-	<del>-</del>		
٥		Boundaryp		-1 (4	41
٥			nereing symb ear in oppose		
Bks	Barracks		Р	Pillar, Po	le or Post
Bty	Battery		PO	Post Off	ice
Cemy	Cemetery		PC	Public C	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	=
Dismtd R	•	tled Railway	PW -		Worship
El Gen St	ta Electric Station	ity Generating	Sewage P		ewage umping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub St	a Electricity	Sub Station	SP, SL	Signal P	ost or Light
FB	Filter Bed		Spr	Spring	
EW/PVE	Farmer 1	Data Litera Ef			

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

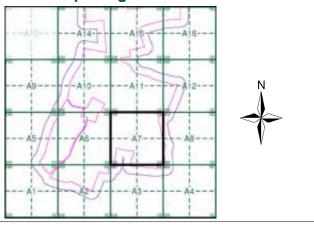
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A7**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

Search Buffer (m):

#### **Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

Landmark

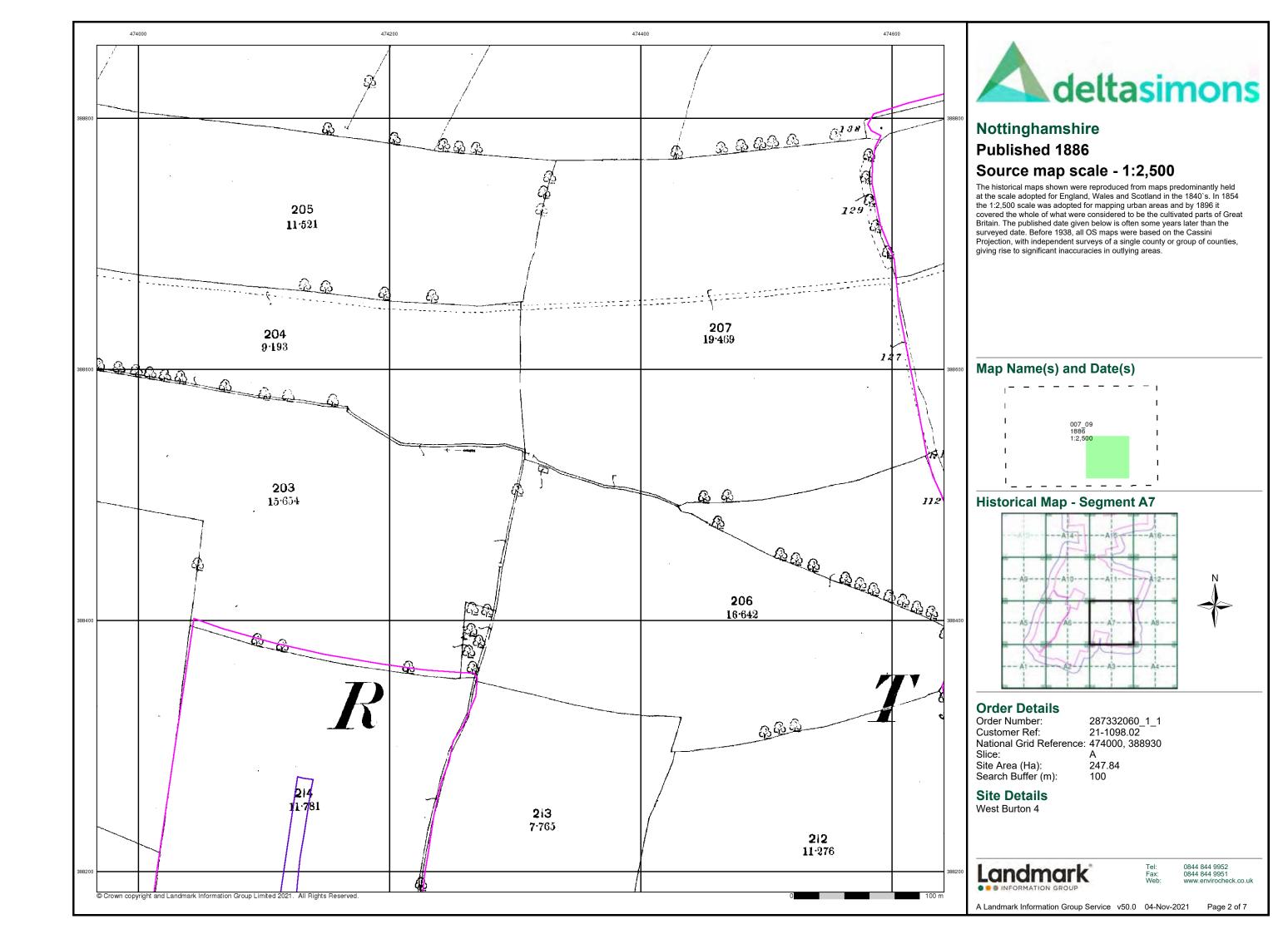
0844 844 9952 0844 844 9951

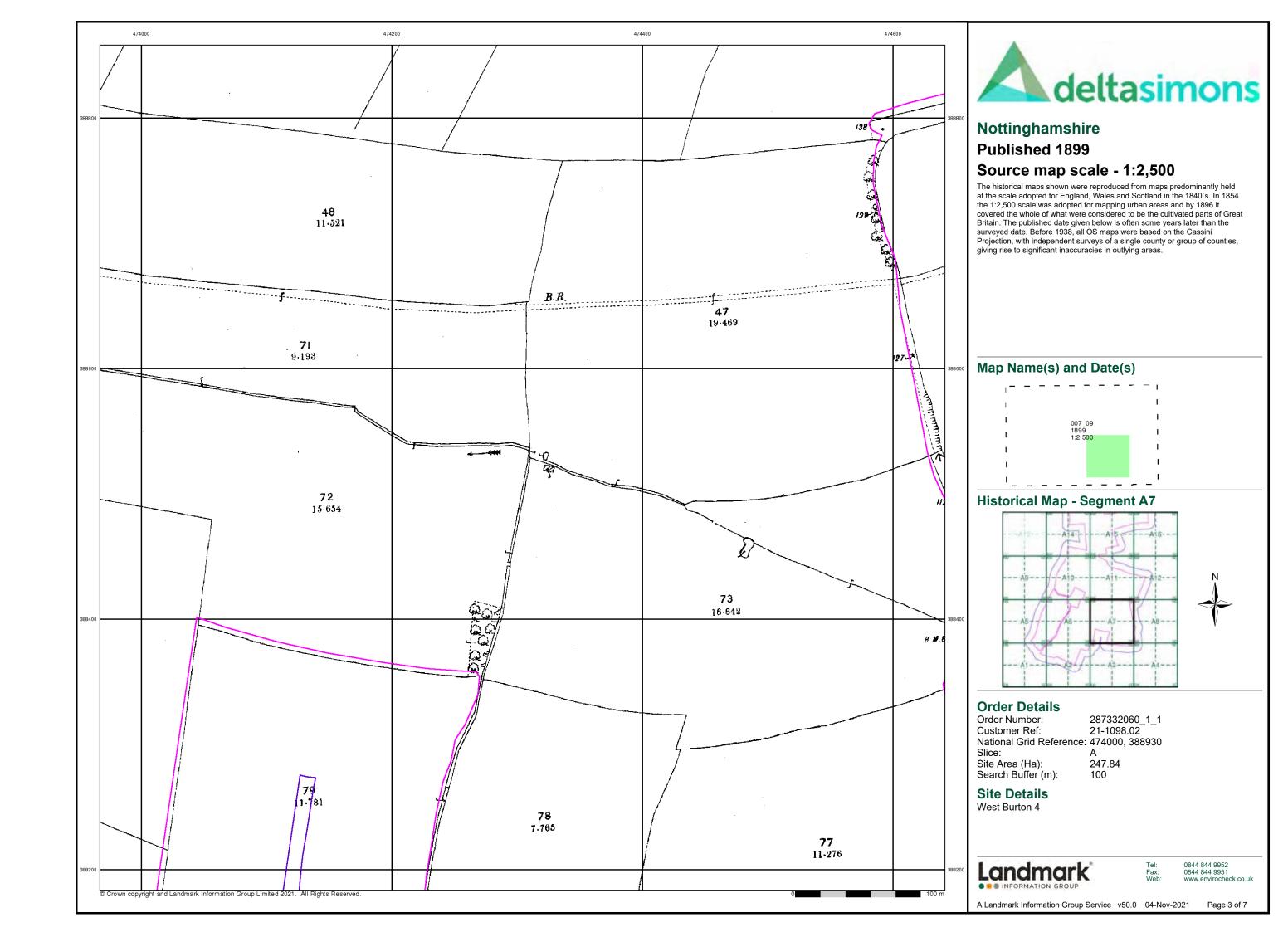
Page 1 of 7

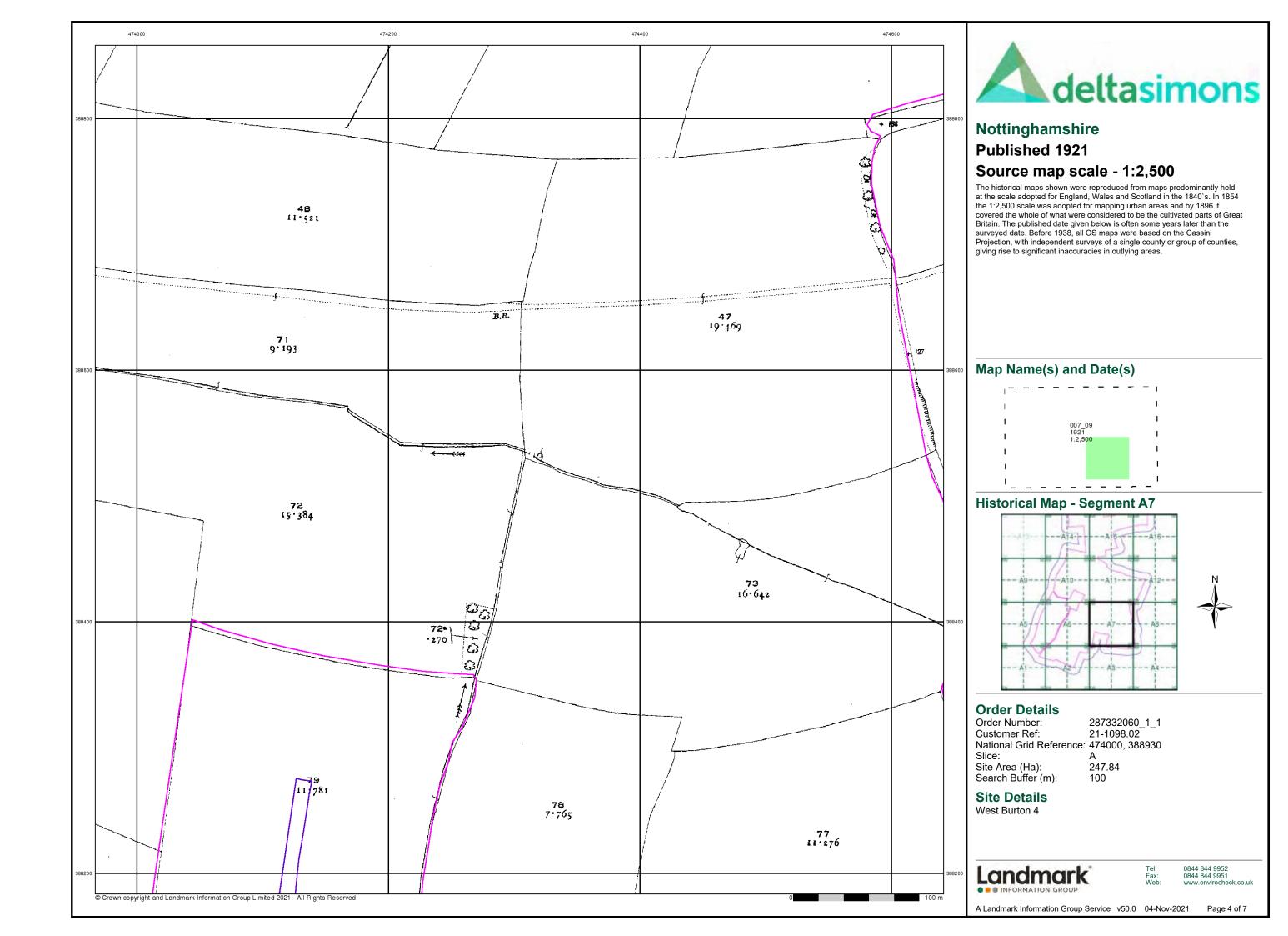
A Landmark Information Group Service v50.0 04-Nov-2021

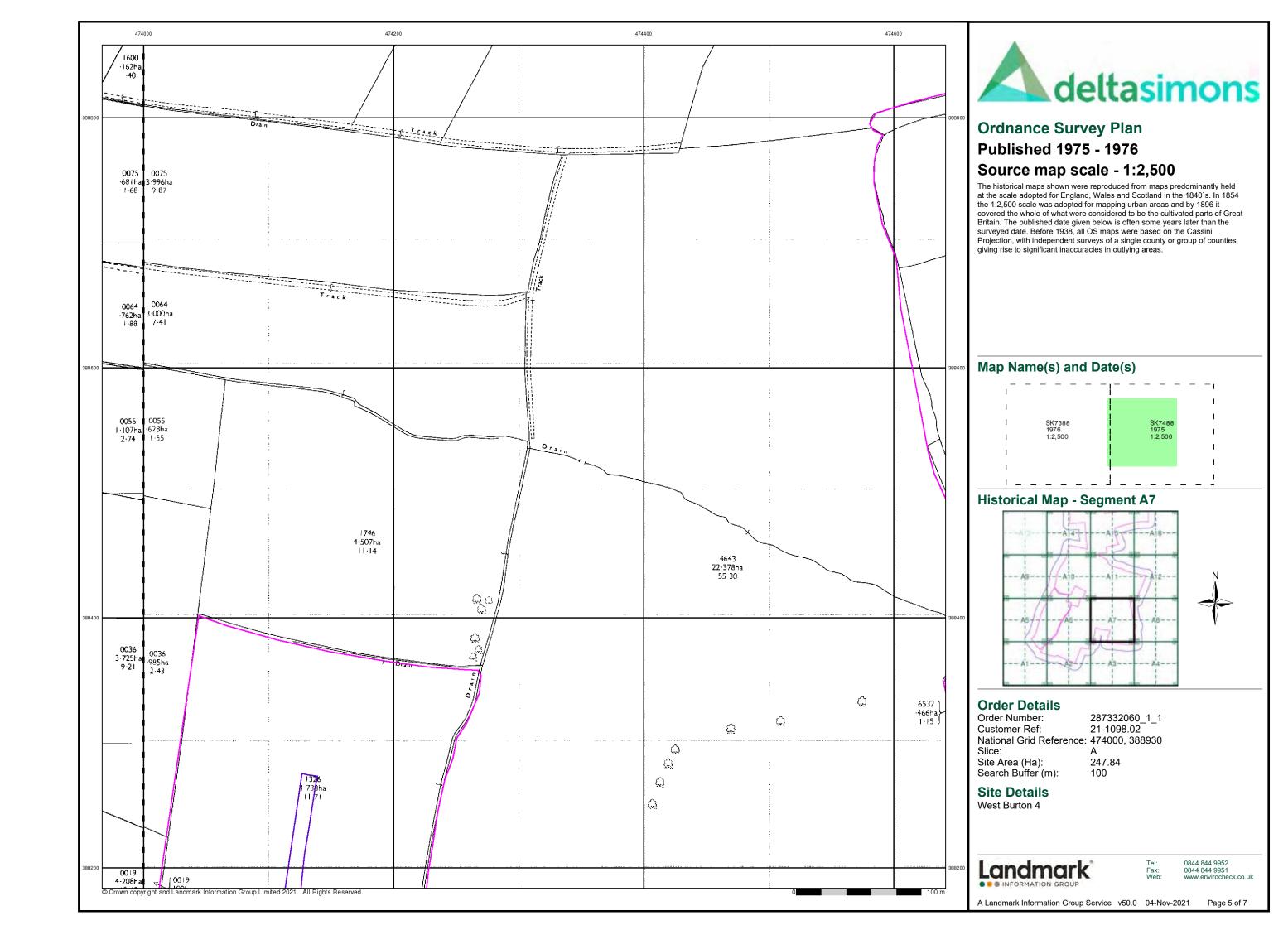
247.84

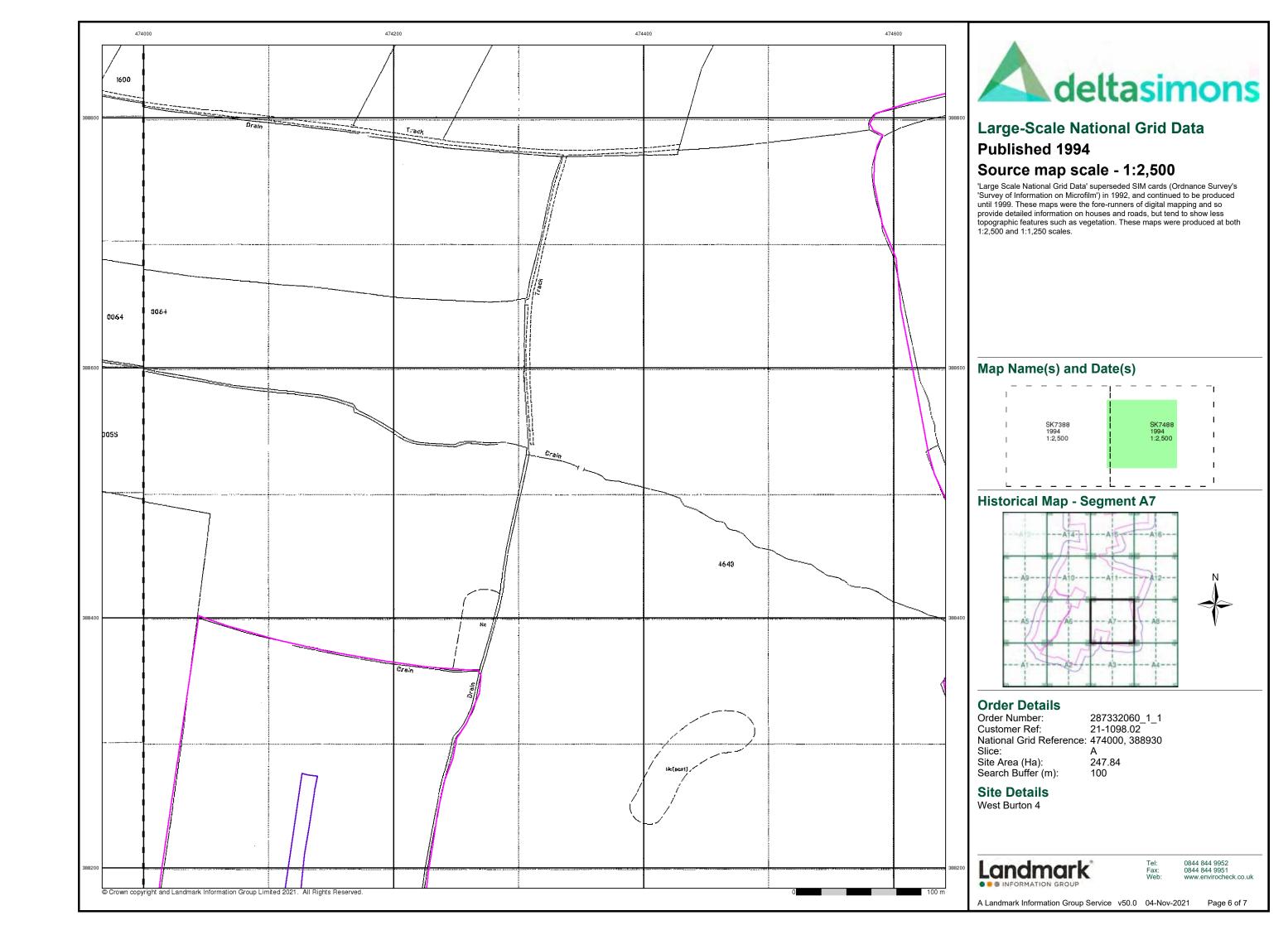
100

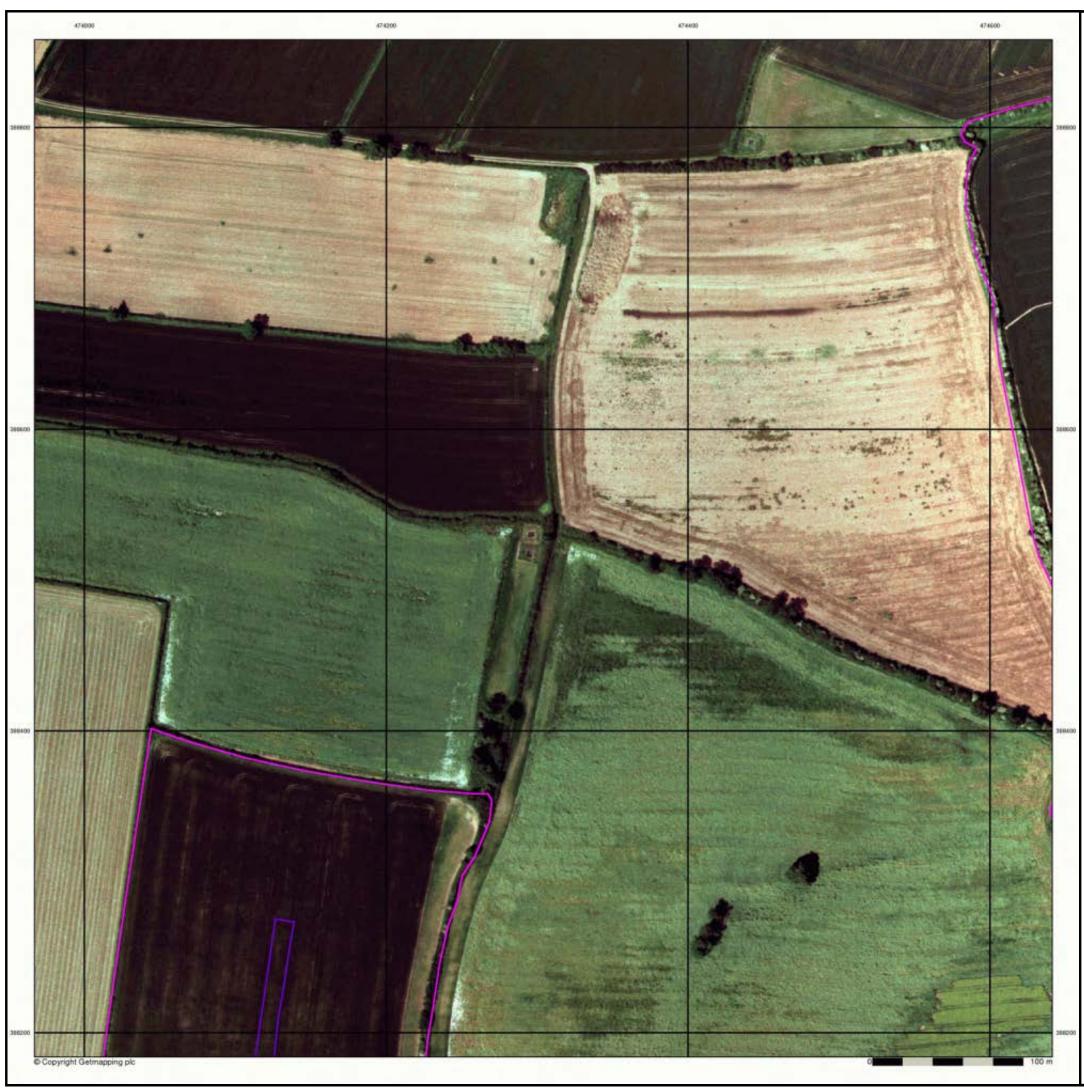








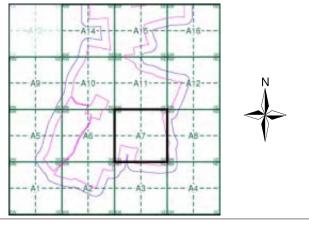






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A7**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

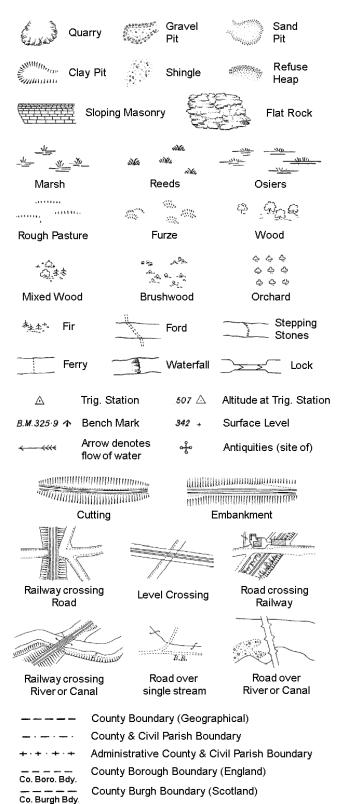
**Site Details** 

West Burton 4

Landmark INFORMATION GROUP

0844 844 9952 0844 844 9951 www.envirocheck.co.uk

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



B.R.

E.P

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

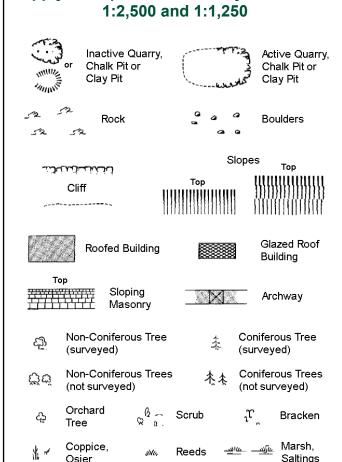
Trough Well

S.P

Sl.

Tr:

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 



Saltings Rough Culvert யார் Heath Grassland ↑BM Bench Direction Antiquity of water flow (site of) Electricity Cave Triangulation ÷ Station

ETL Elect	tricity Transmission Line		
	County Boundary (Geographical)		
. — . — .	County & Civil Parish Boundary		
	Civil Parish Boundary		
· <del></del> · ·	Admin. County or County Bor. Boundary		
L B Bdy	London Borough Boundary		
×.	Symbol marking point where boundary mereing changes		
	B. Billow Bols on Boot		

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slo	opes .	T
رنائن	لخنات		Тор	1111111	Top
	Cliff	1111	111111111111111111111111111111111111111	1111111	1111111111111
~ · · · · · ·		1111		- 1111111	1111111111
3	Rock		23	Rock (so	cattered)
	Boulders		Δ	Boulders	s (scattered)
	Positioned	Boulder		Scree	
දුමු	Non-Conifo (surveyed)	erous Tree	未	Conifero	
Ğά	Non-Conife (not surve)	erous Trees /ed)	大大	Conifero	ous Trees /eyed)
දා	Orchard Tree	Q a.	Scrub	'n,	Bracken
* ~	Coppice, Osier	šNu,	Reeds 🛥	<u>।ए —ग्र</u> ीहर	Marsh, Saltings
artite,	Rough Grassland	$u_{11111}$	Heath	1	Culvert
<del>&gt;&gt;&gt;</del>	Direction of water flo	Δ	Triangulatior Station	ું નું	Antiquity (site of)
E <u>T</u> L	Electric	ity Transmis	ssion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / вм	231.60m E	ench Mark		Building Building	
	Roofe	ed Building		251	azed Roof uilding
		Ot 31	(		
• •	• • •		community b	oundary	
		District boundary			
_ •		County bou	ındary		
٥		Boundaryp	ost/stone		
			nereing symb ear in oppose		
Bks	Barracks		Р	Pillar, Pol	le or Post
Bty	Battery		PO	Post Offi	ce
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	Station
Dismtd F	Rly Disman	tled Railway	PW	Place of\	Worship
El Gen S	ta Electric Station	ity Generating	Sewage P		ewage umping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal B	ox or Bridge
El Sub S	ta Electricity	Sub Station	SP, SL	Signal Po	ost or Light
CD	Eilter Bed		Cnr	Carina	

Filter Bed

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

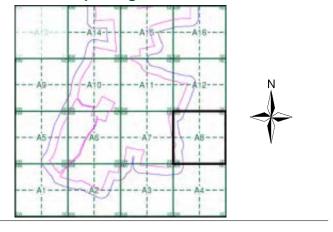
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A8**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

247.84 Search Buffer (m):

### **Site Details**

West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

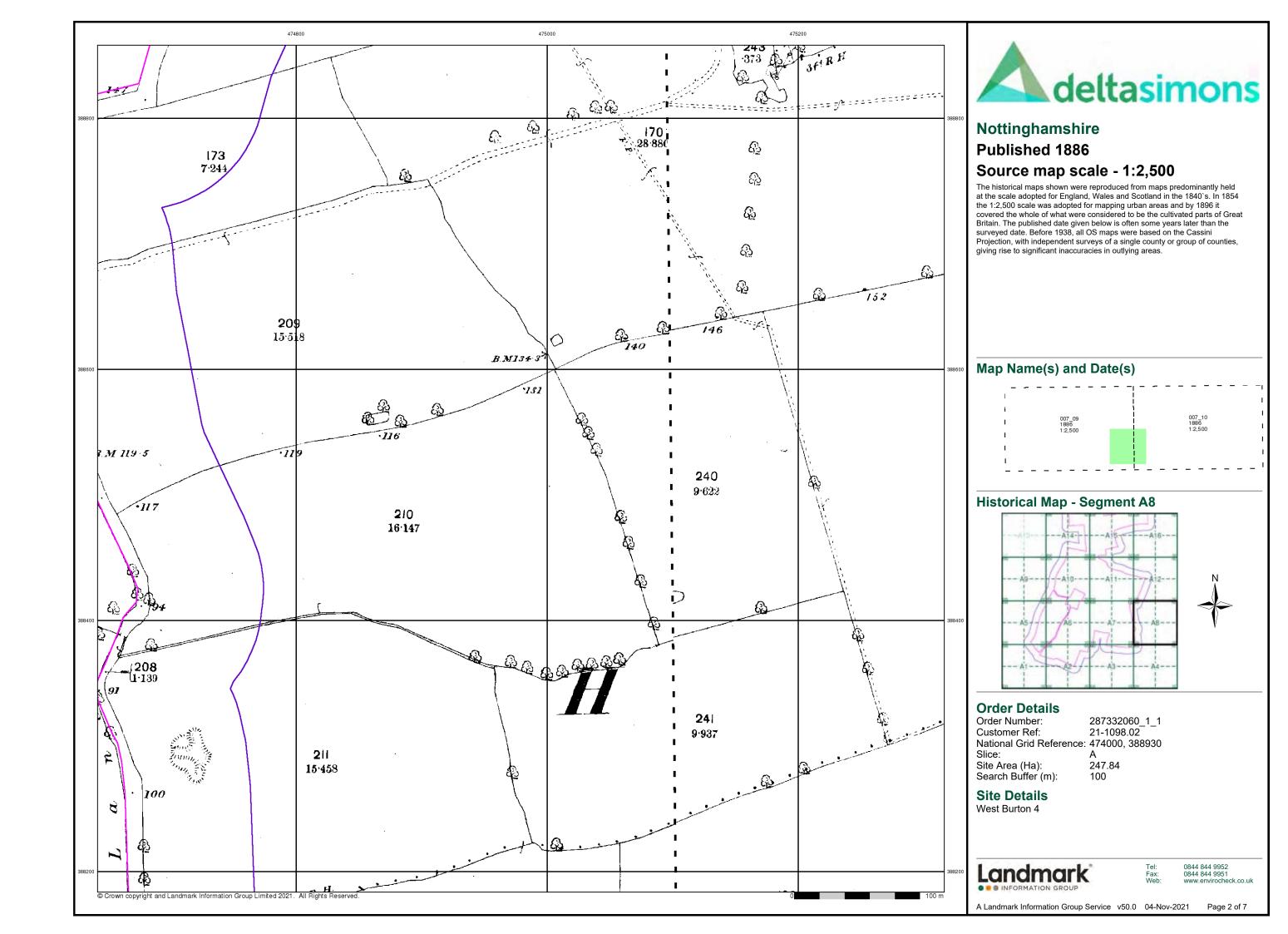
Wd Pp

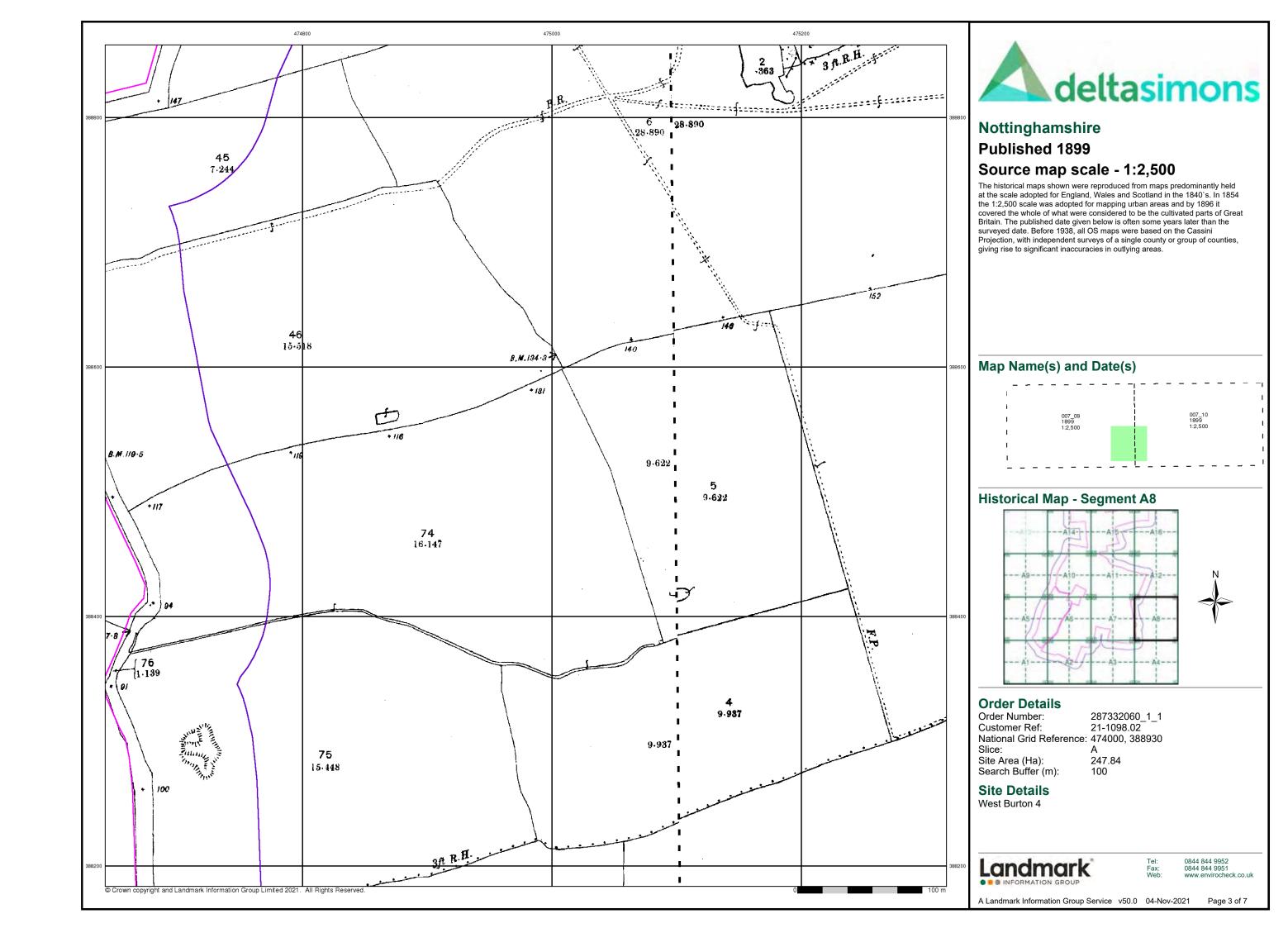
Wks

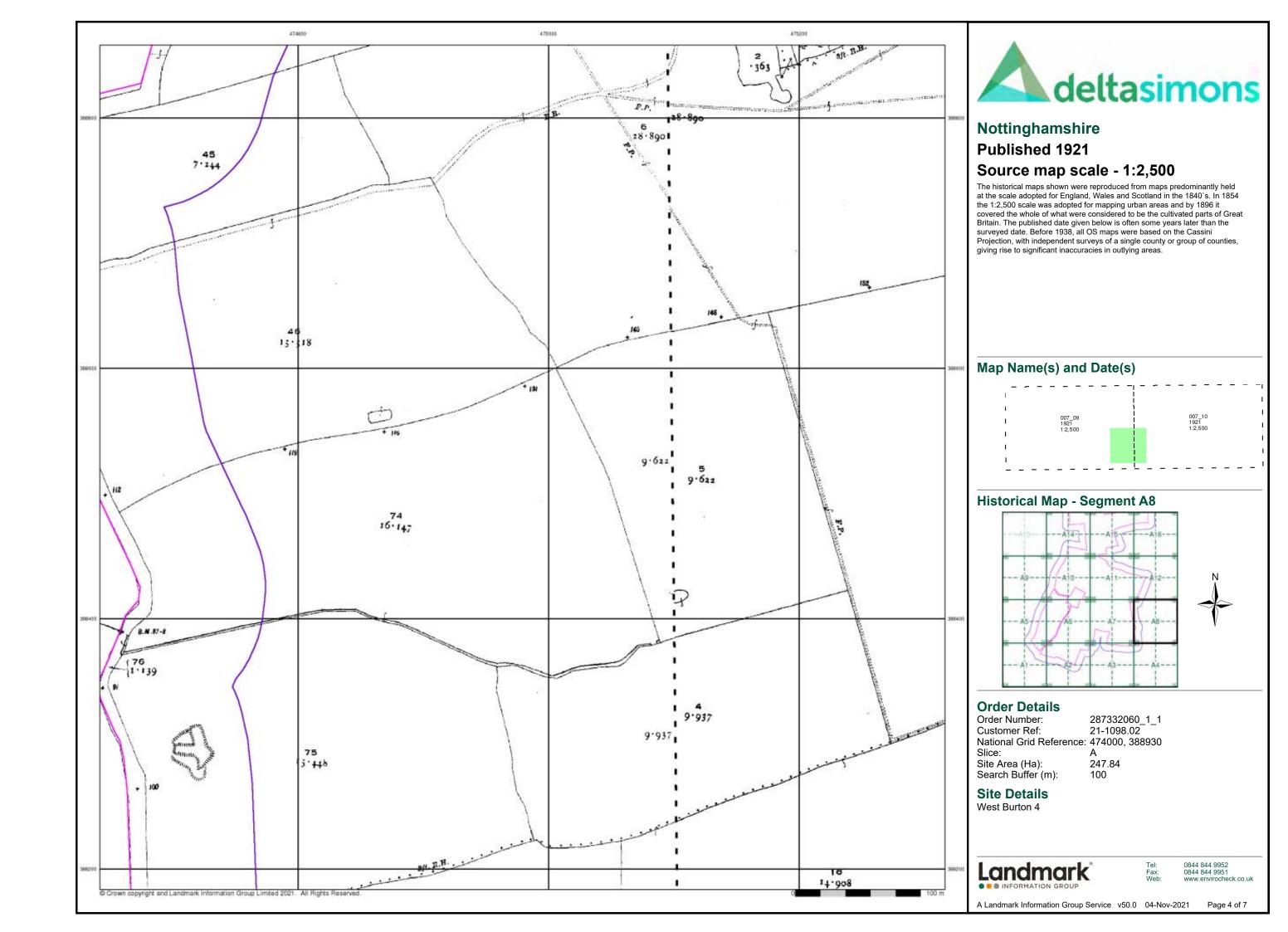


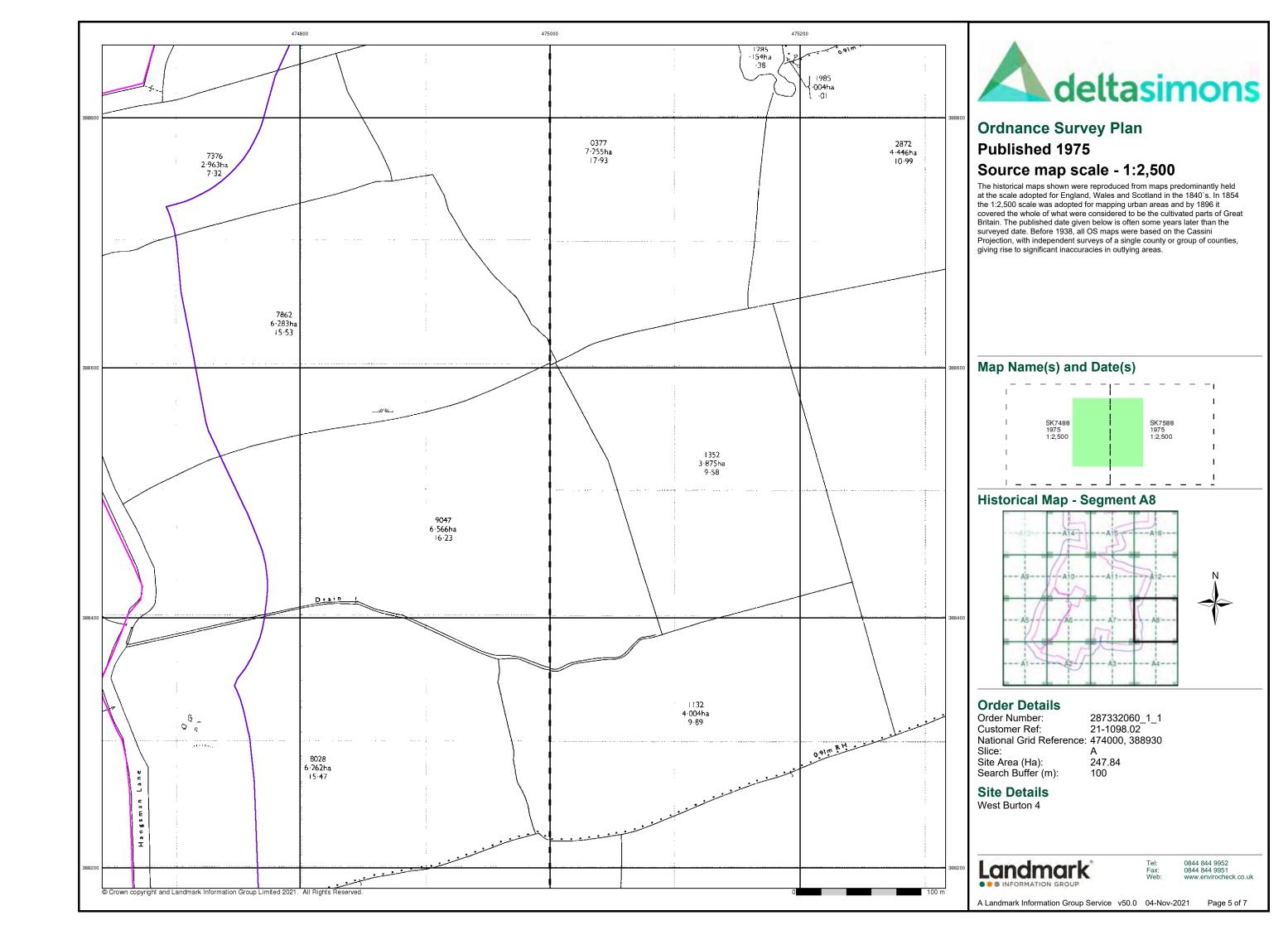
0844 844 9952 0844 844 9951

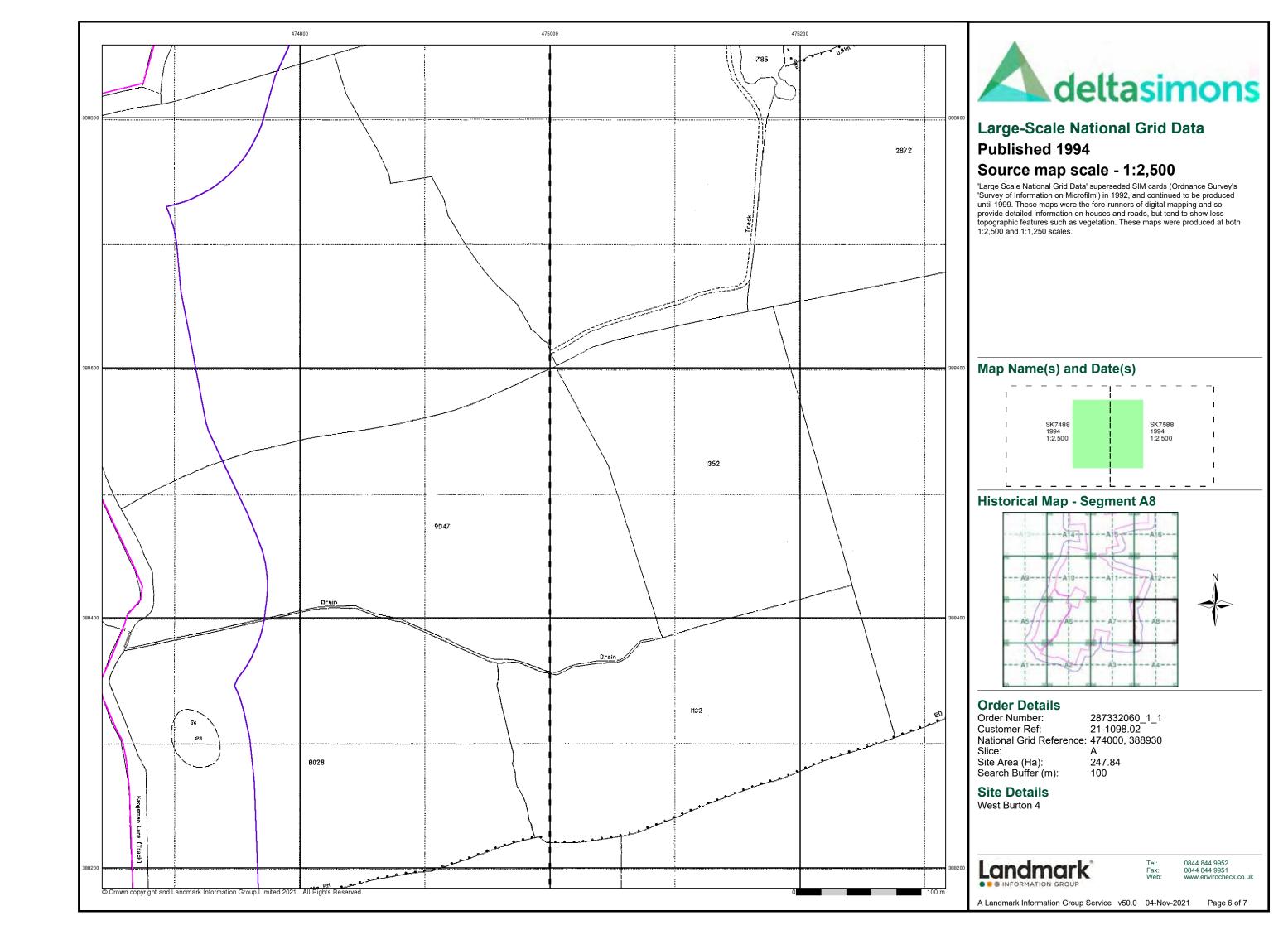
Page 1 of 7









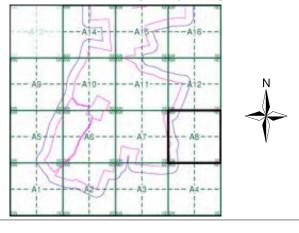






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A8**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

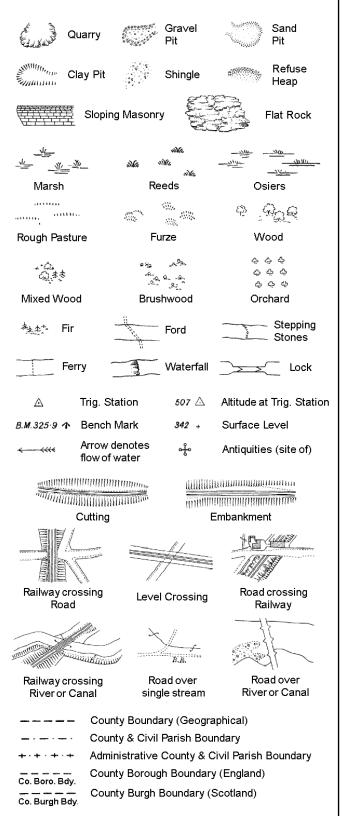
**Site Details** 

West Burton 4

Landmark INFORMATION GROUP

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



B.R.

E.P

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

MS

NTL

Mile Stone

Normal Tidal Limit

Signal Post

Pump

Sluice

Spring

Trough

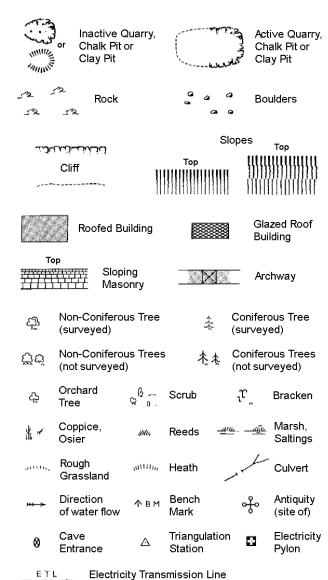
Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



L B Bdy		rianini. County of County Bor. Boundary			
		London Borough Boundary			
	21	•	Symbol mar mereing cha		where boundary
	вн	Beer House		Р	Pillar, Pole or Post
	BP, BS	Boundary Po	st or Stone	PO	Post Office
	Cn, C	Capstan, Crar	пе	PC	Public Convenience
	Chy	Chimney		PH	Public House
	D Fn	Drinking Four	ntain	Pp	Pump
	EIP	Electricity Pill	ar or Post	SB, S Br	Signal Box or Bridge
	FAP	Fire Alarm Pill	ar	SP, SL	Signal Post or Light
	FB	Foot Bridge		Spr	Spring
	GP	Guide Post		Tk	Tank or Track
	Н	Hydrant or Hy	draulic	TCB	Telephone Call Box
	LC	Level Crossin	g	TCP	Telephone Call Post
	MH	Manhole		Tr	Trough
	MP	Mile Post or M	ooring Poet	WrPt WrT	Water Point Water Tan

County Boundary (Geographical) County & Civil Parish Boundary

Admin. County or County Bor. Boundary

Well

Wind Pump

Wd Pp

Civil Parish Boundary

# 1:1,250

Slopes

<b>لانبانين لا</b> ند			Slo	pes .	Тор
Cliff		T	op		
523	Rock		32	Rock (sc	attered)
$\Box_{a}$	Boulders		<u>a</u>	Boulders	(scattered)
$\triangle$	Positioned Boul	der		Scree	
<u>දකු</u>	Non-Coniferous (surveyed)	Tree	-1-	Conifero (surveye	
Öΰ	Non-Coniferous (not surveyed)	Trees	/IN .A.	Conifero (not surv	ous Trees reyed)
ఢ	Orchard Tree	ßດ. Sci	ub	r,	Bracken
* ~	Coppice, Osier	ava Ree	eds 🗝	<u>ল —স্য</u> ূচ	Marsh, Saltings
with,	Rough Grassland	uum, He	ath	1	Culvert
<b>››→</b>	Direction of water flow		angulation tion	र्	Antiquity (site of)
E <u>T</u> L	_ Electricity Tr	ansmissio	n Line	$\boxtimes$	Electricity Pylon
K BM	231.60m Bench	Mark		Building Building	
	Roofed Bu	ilding		SI	azed Roof ilding
· ·		parish/cor		oundary	
_ •	-— Cou	nty bounda	rv		
٥		ndary post/	-		
		ndary mere		al (note: 1	thece
٥		ys appear			
Bks	Barracks		Р	Pillar, Pol	e or Post
Bty	Battery		PO	Post Offic	
Cemy	Cemetery		PC		onvenience
Chy Cis	Chimney Cistern		Pp Ppg Sta	Pump Pumping	Station
Dismtd R		ilway	PW	Place of V	
El Gen S	-	-	Sewage Pp		wage mping Station
EIP	Electricity Pole, F		SB, S Br	Signal Bo	ox or Bridge
	a Electricity Sub S	tation	SP, SL	_	st or Light
FB	Filter Bed		Spr	Spring	
Fn / D Fn	Fountain / Drinki	ng Ftn.	Tk	Tank or T	rack

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

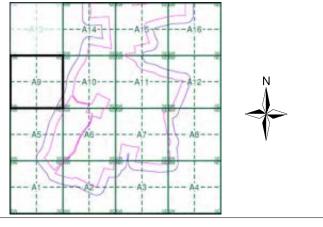
Works (building or area)



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Additional SIMs	1:2,500	1989	6
Large-Scale National Grid Data	1:2,500	1994	7
Historical Aerial Photography	1:2,500	1999	8

#### **Historical Map - Segment A9**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

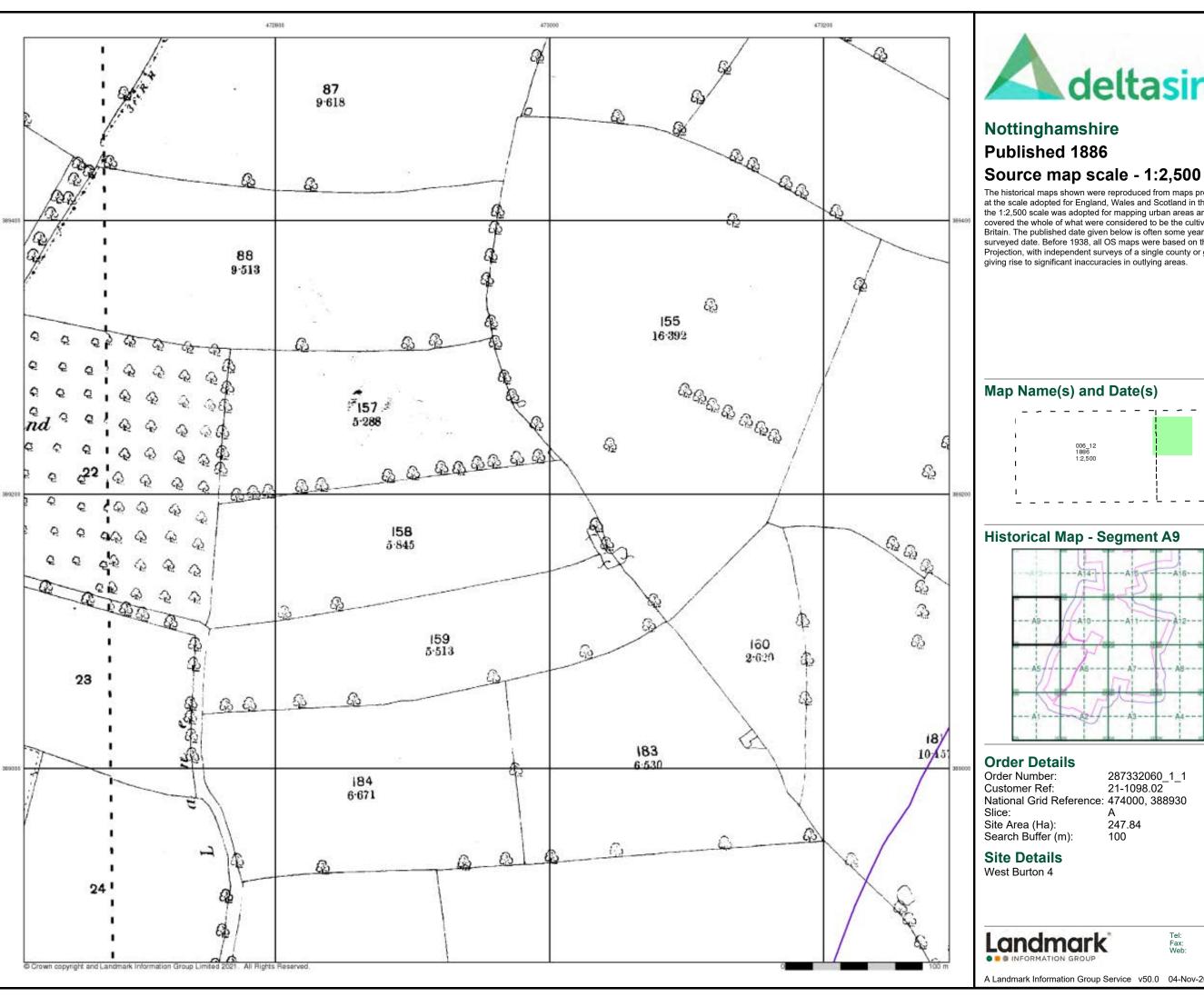
Site Area (Ha): 247.84 Search Buffer (m):

#### **Site Details** West Burton 4



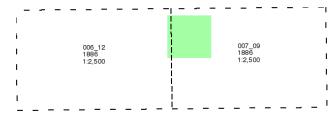
0844 844 9952 0844 844 9951

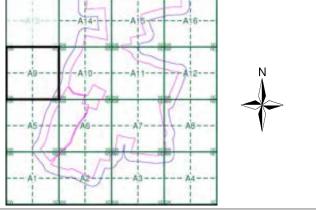
Page 1 of 8





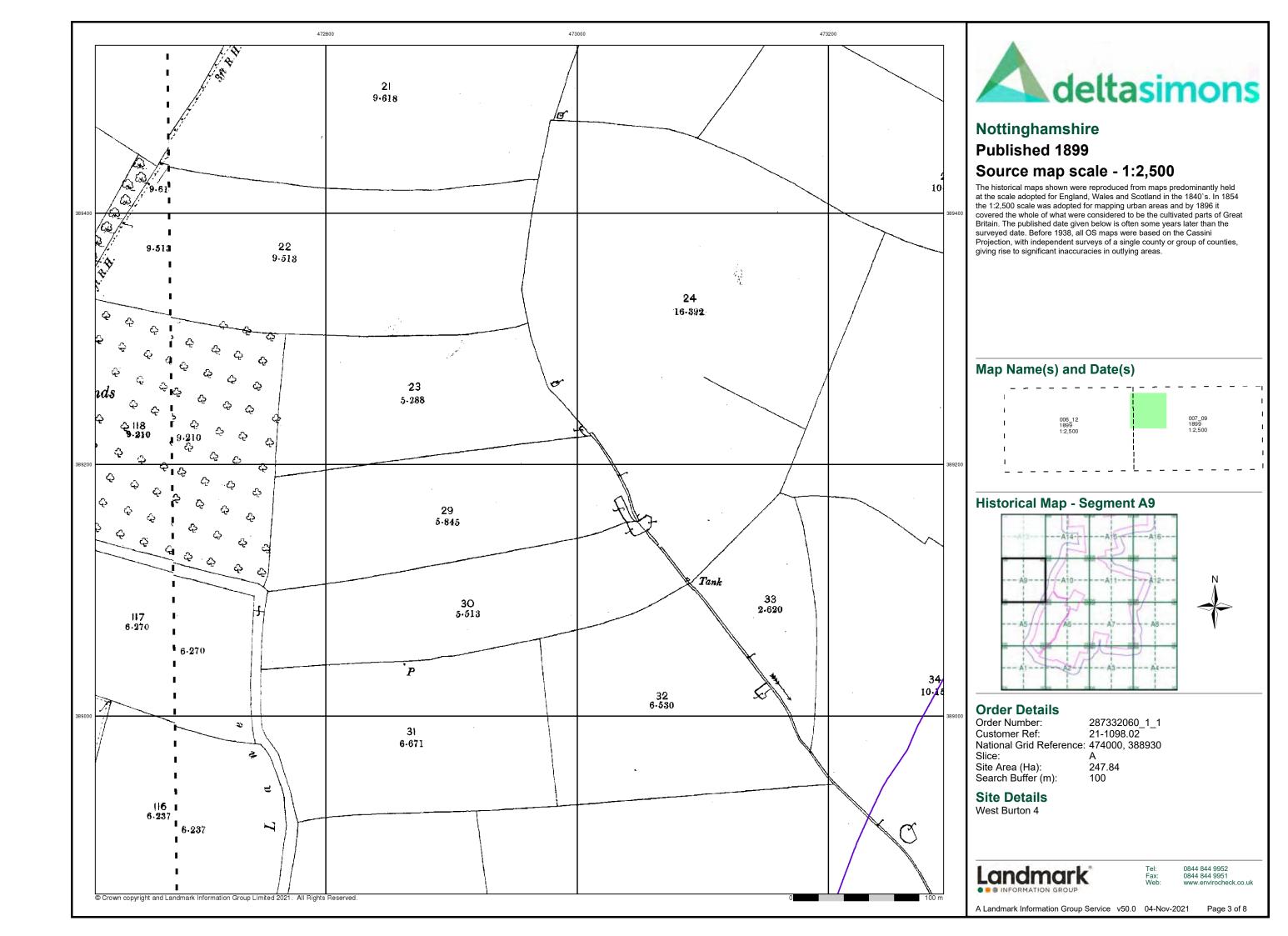
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

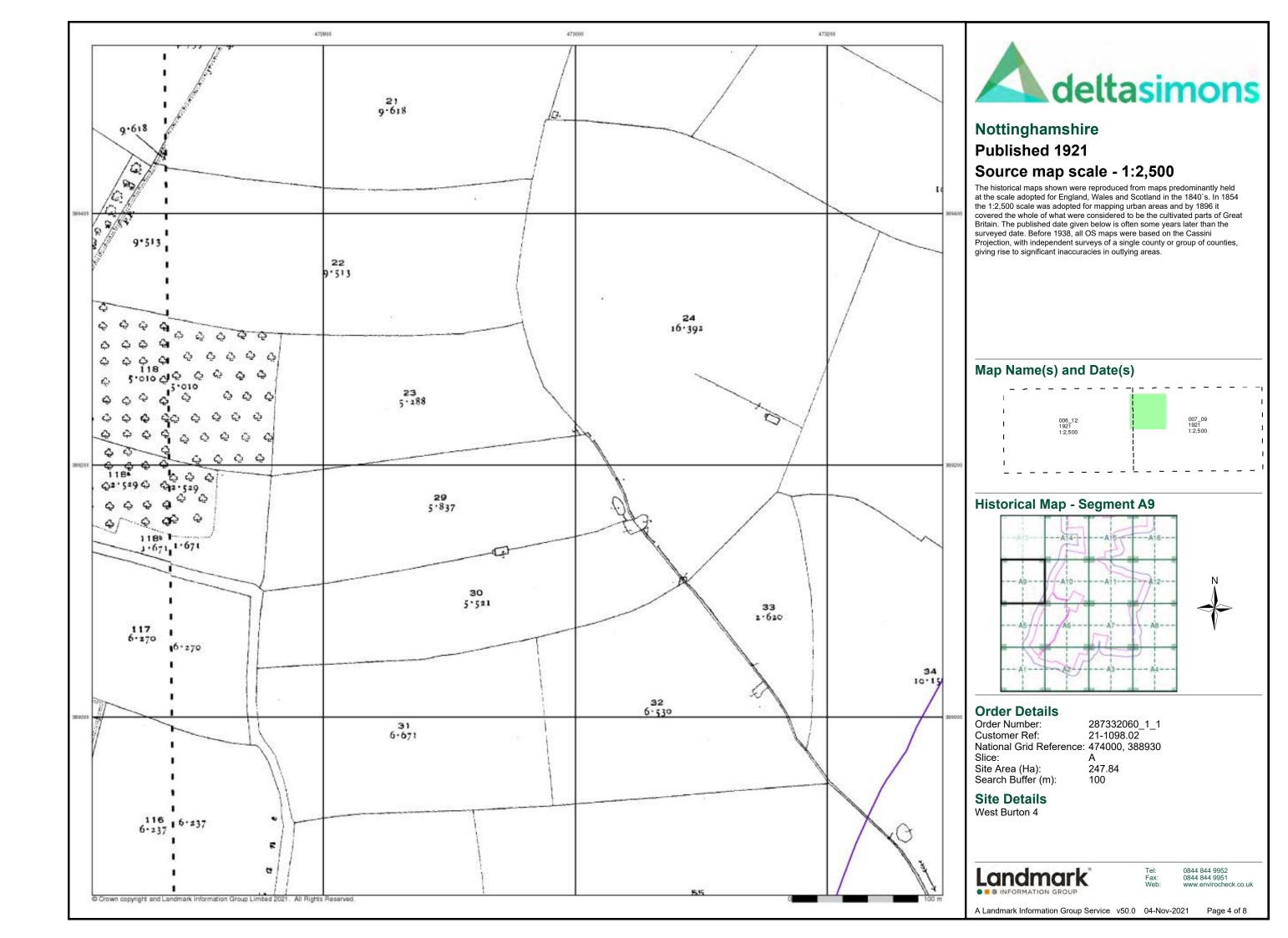


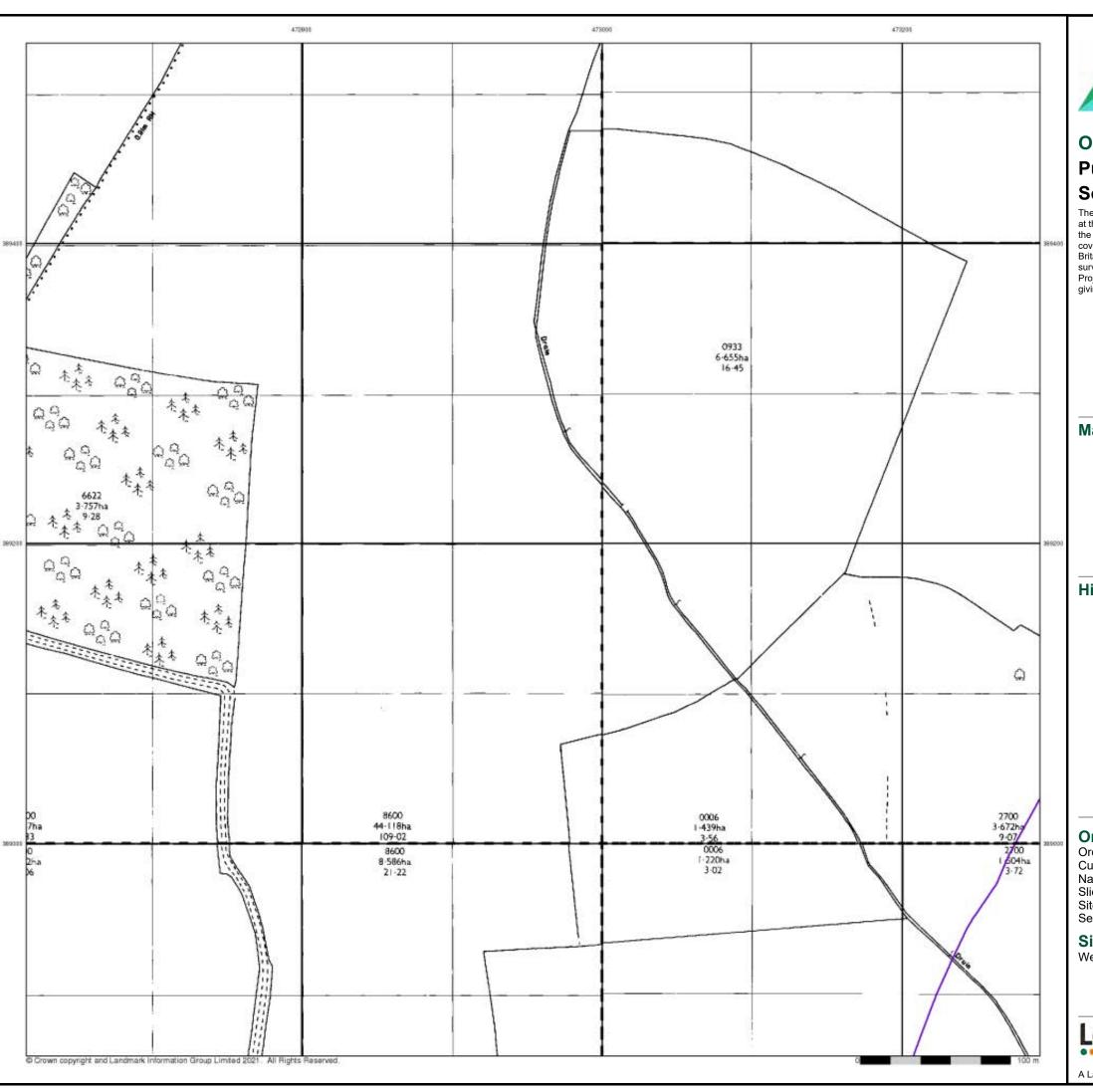


Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

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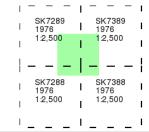




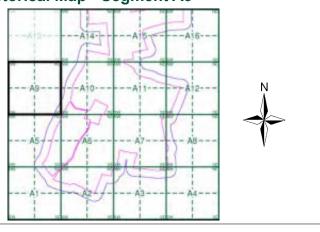
# **Ordnance Survey Plan** Published 1976 Source map scale - 1:2,500

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 A9**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice: 247.84

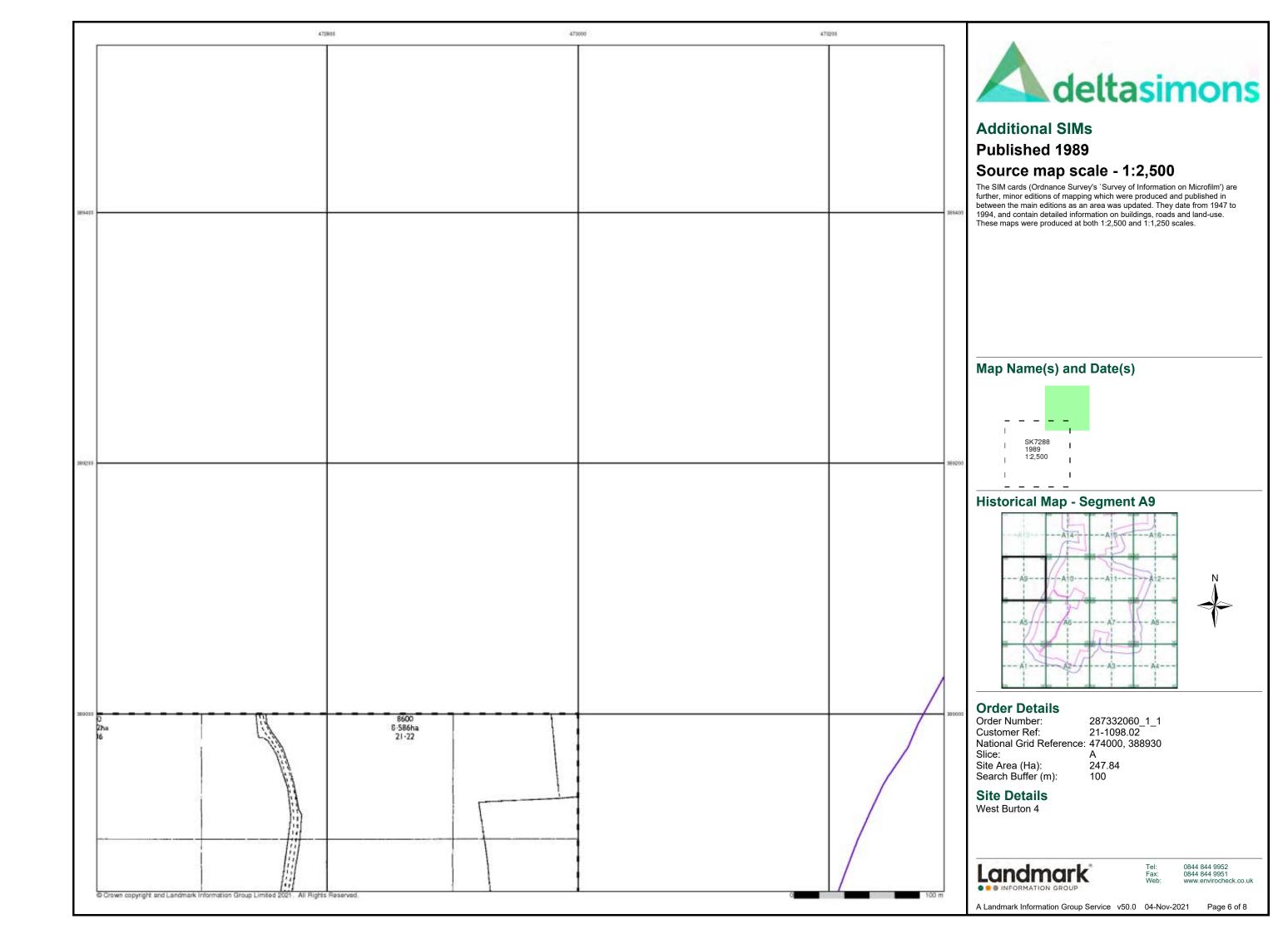
Site Area (Ha): Search Buffer (m):

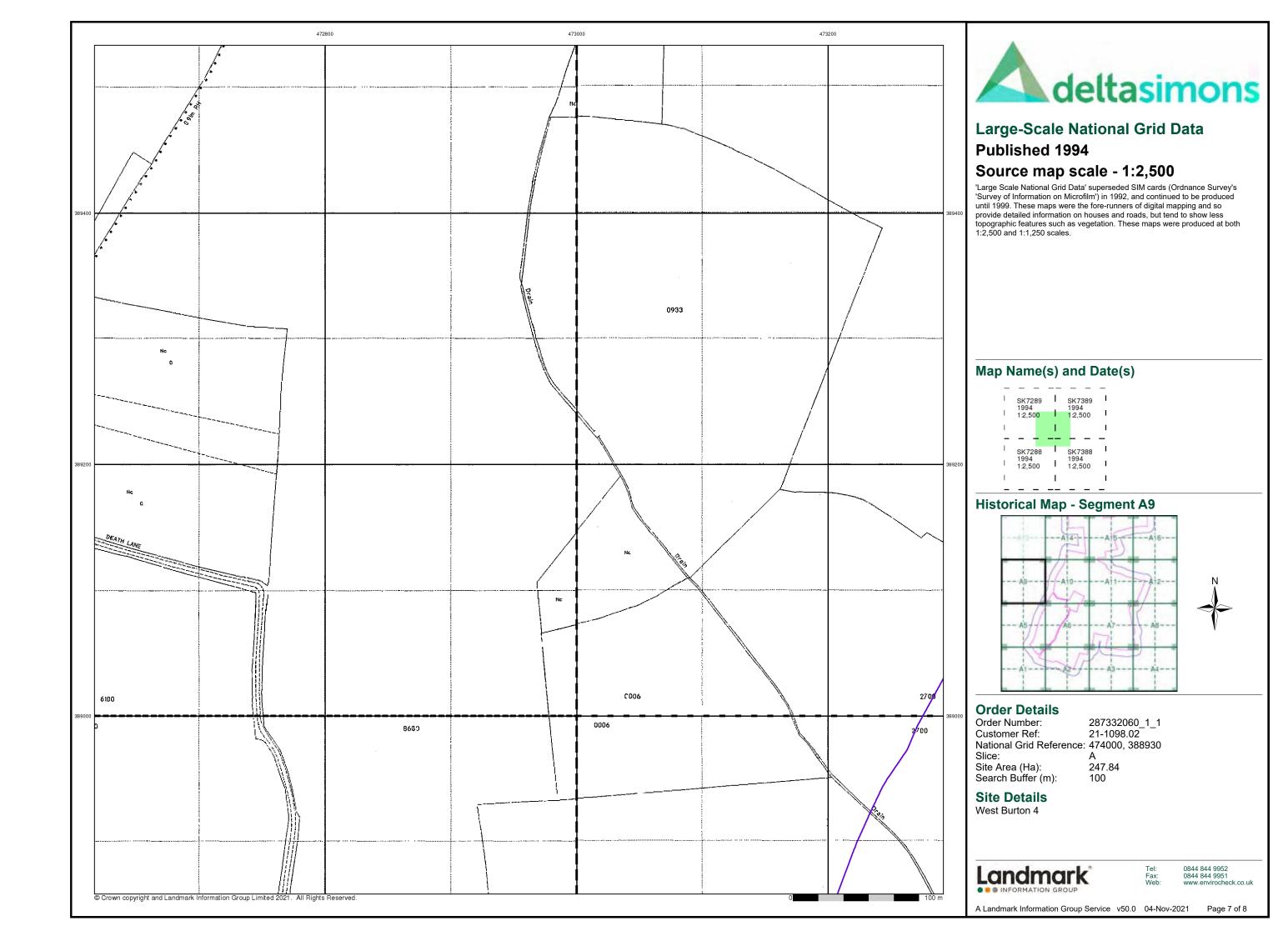
# **Site Details**

West Burton 4



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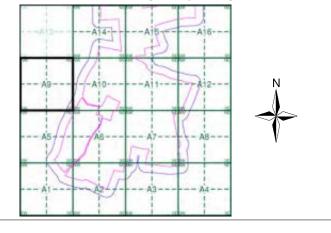






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A9**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

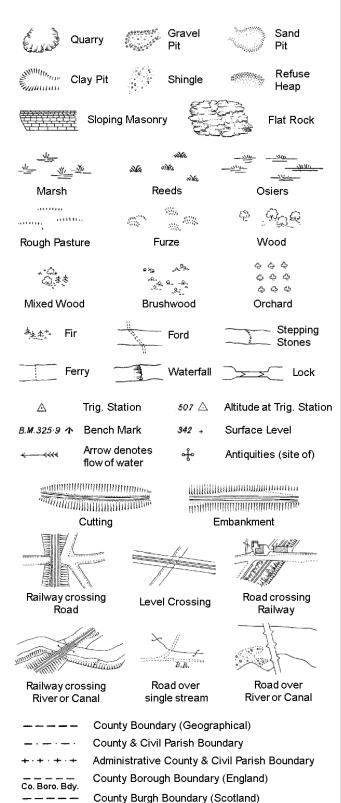
247.84 100 Site Area (Ha): Search Buffer (m):

**Site Details** West Burton 4

Landmark*

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

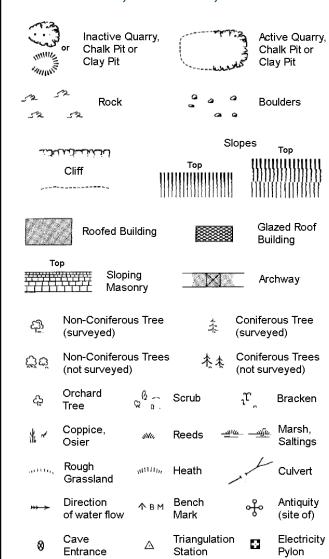
Electricity Pylor

B.R.

E.P

F.B.

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



### Flectricity Transmission Line

	andry transmission line
	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
	Symbol marking point where boundary mereing changes
	B. Biller Bele en Beet

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

Slopes Top					
	Cliff	Тор		!!!!!!!	!!!!!!!!!!
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
25	Rock		25	Rock (sc	attered)
$\triangle$	Boulders		Δ	Boulders	(scattered)
	Positioned Bould	ler		Scree	
<u>ක</u> ු	Non-Coniferous (surveyed)	Tree	-1-	Conifero (surveye	
ర్లోల్	Non-Coniferous (not surveyed)	Trees	/IN .A.	Conifero (not surv	us Trees eyed)
දා	Orchard Tree ♀	ỗ ⊆ Scru	b	ئيرّ	Bracken
* ~	Coppice, Osier	awa Reed	ds <u></u>	<u>দ্ৰ স্</u> যুদ্	Marsh, Saltings
willing.	Rough Grassland	www. Heat	:h	1	Culvert
<del>&gt;&gt;&gt; ≻</del>	Direction of water flow	△ Trian Stati	gulation on	ઌ૾ૺ	Antiquity (site of)
E_TL	_ Electricity Tra	ınsmission	Line	$\boxtimes$	Electricity Pylon
\ <del>-</del> \	291.60m Bench	Mark		Building Building	ıs with ı Seed
	Roofed Buil	lding		g g	azed Roof ilding
• •	·	parish/comr	-	oundary	
		ty boundary	-		
		dary post/si			
<i>,</i>	Boun	dary mereir ys appear ir	ng symbo		
Bks	Barracks	F	<b>5</b>	Pillar, Pol	e or Post
Bty	Battery		<b>-</b> 0	Post Offic	
Cemy	Cemetery	F	°C	Public Co	nvenience
Chy	Chimney	F	⊃p	Pump	
Cis	Cistern	F	^o pg Sta	Pumping	Station
Dismtd F	Rly Dismantled Rai	ilway F	₽W	Place of V	Vorship
El Gen S	ta Electricity Gene Station	erating S	Sewage Pp		wage mping Station
EIP	Electricity Pole, Pi	illar S	SB, S Br	Signal Bo	ox or Bridge
El Sub S	ta Electricity Sub St	ation §	SP, SL	Signal Po	st or Light
CD	Eilter Bed		- -	Carina	-

Filter Bed

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

Gas Valve Compound

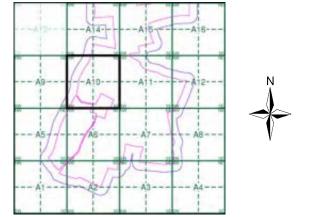
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

#### **Historical Map - Segment A10**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

247.84 Search Buffer (m):

#### **Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

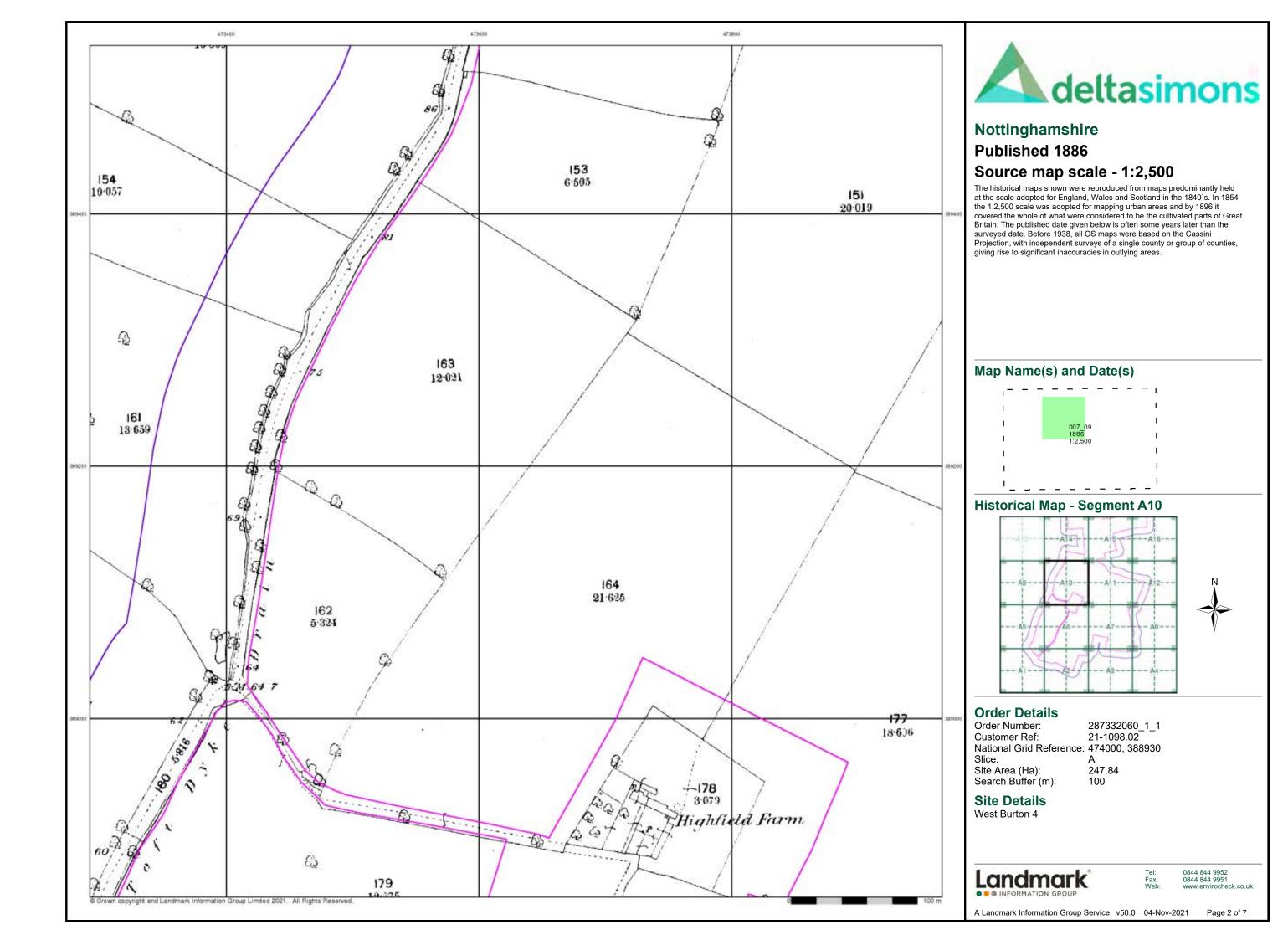
Wd Pp

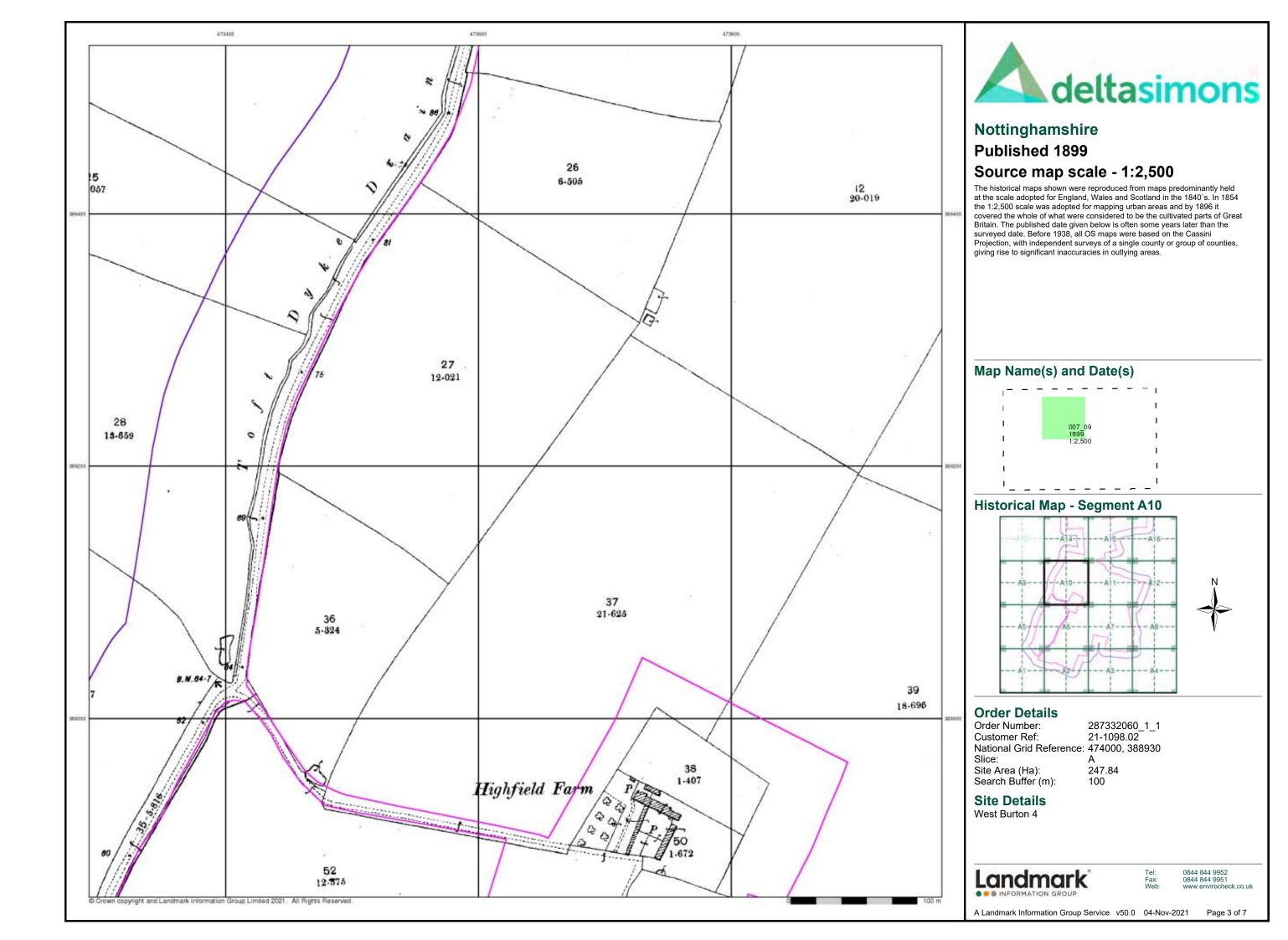
Wks

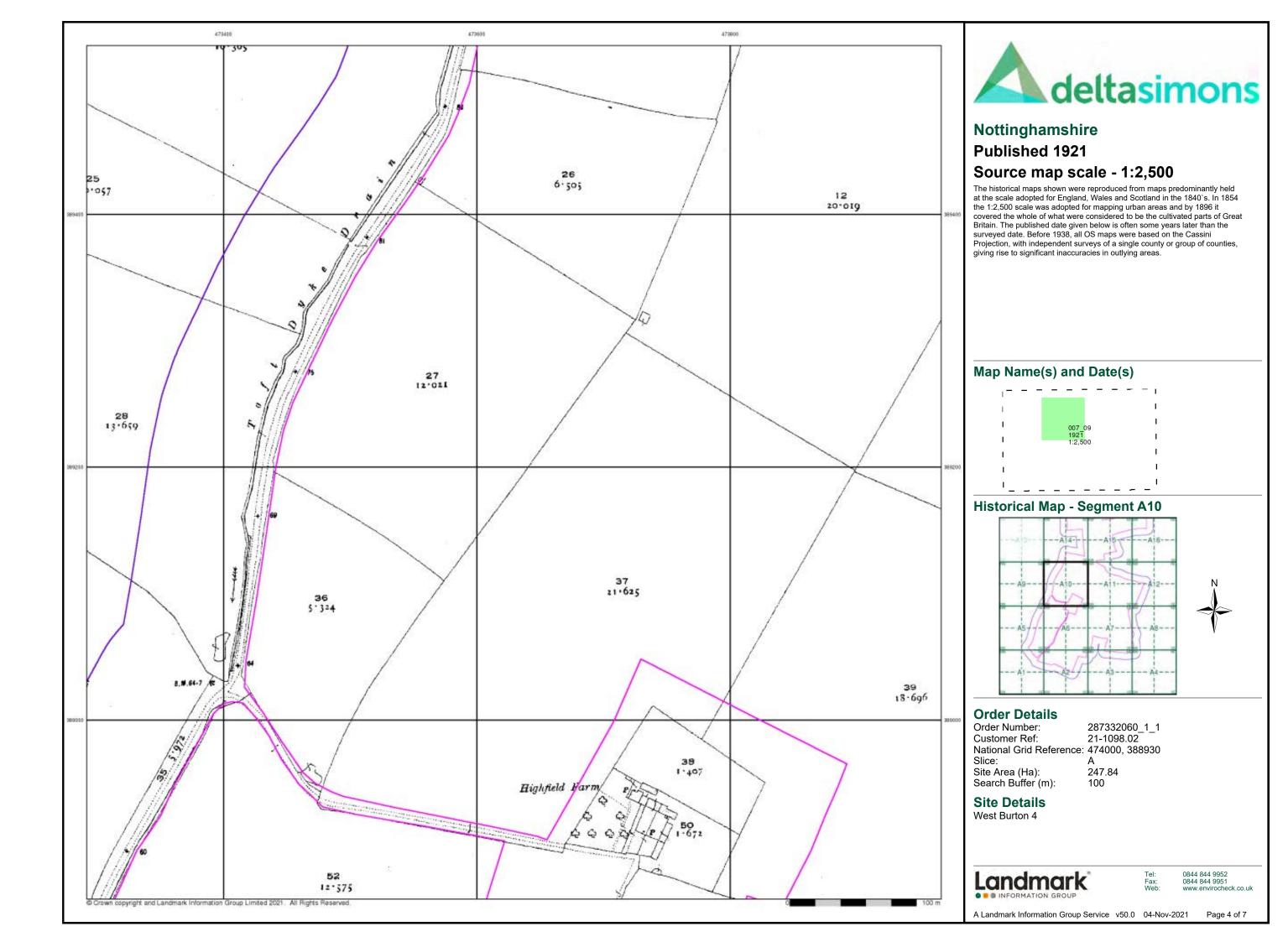
Landmark

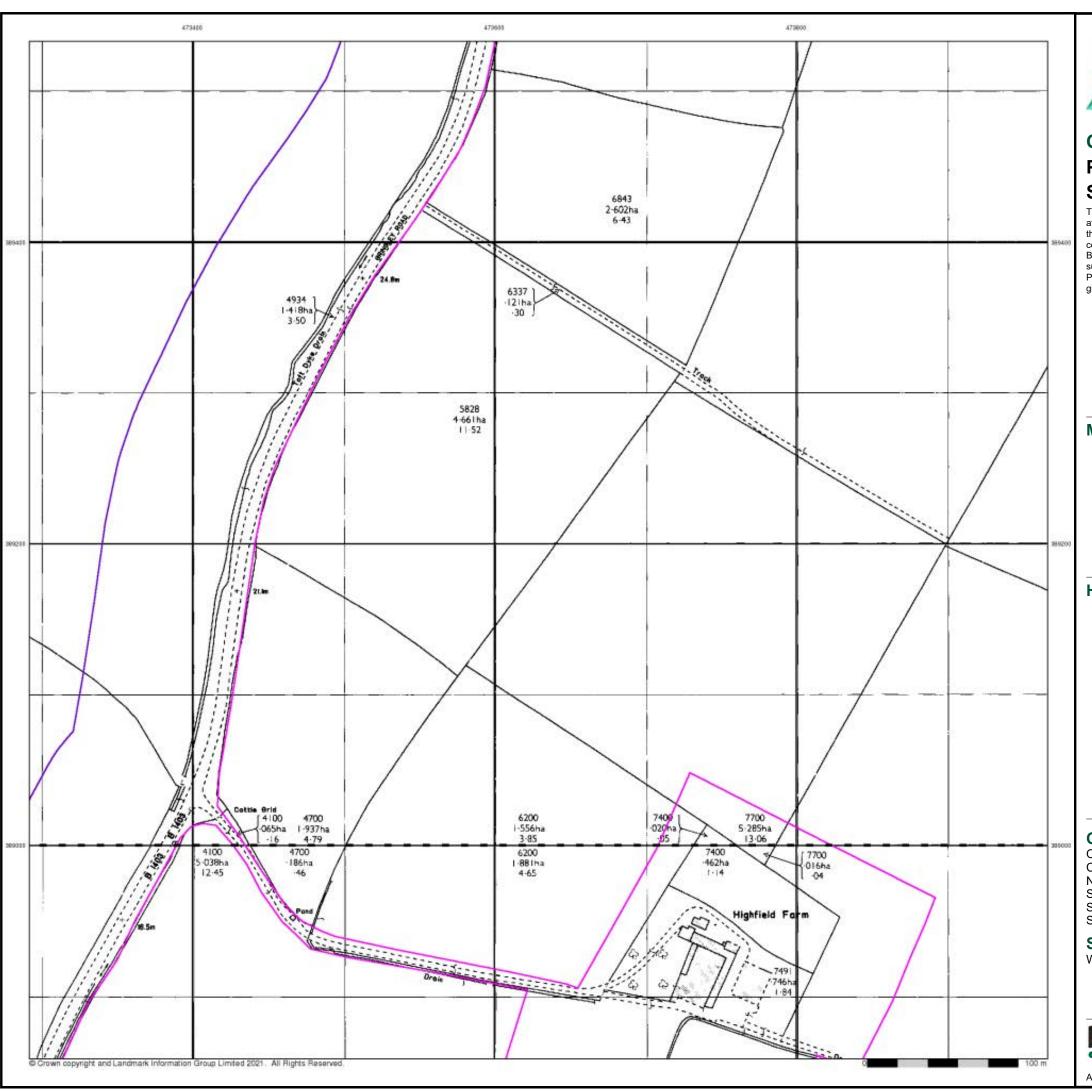
0844 844 9952 0844 844 9951

Page 1 of 7







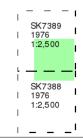




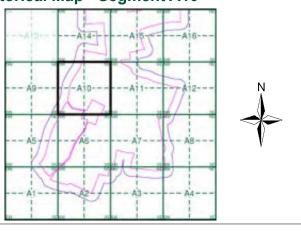
# **Ordnance Survey Plan** Published 1976 Source map scale - 1:2,500

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 surveyes 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 A10**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930

Slice:

Site Area (Ha): Search Buffer (m): 247.84

### **Site Details**

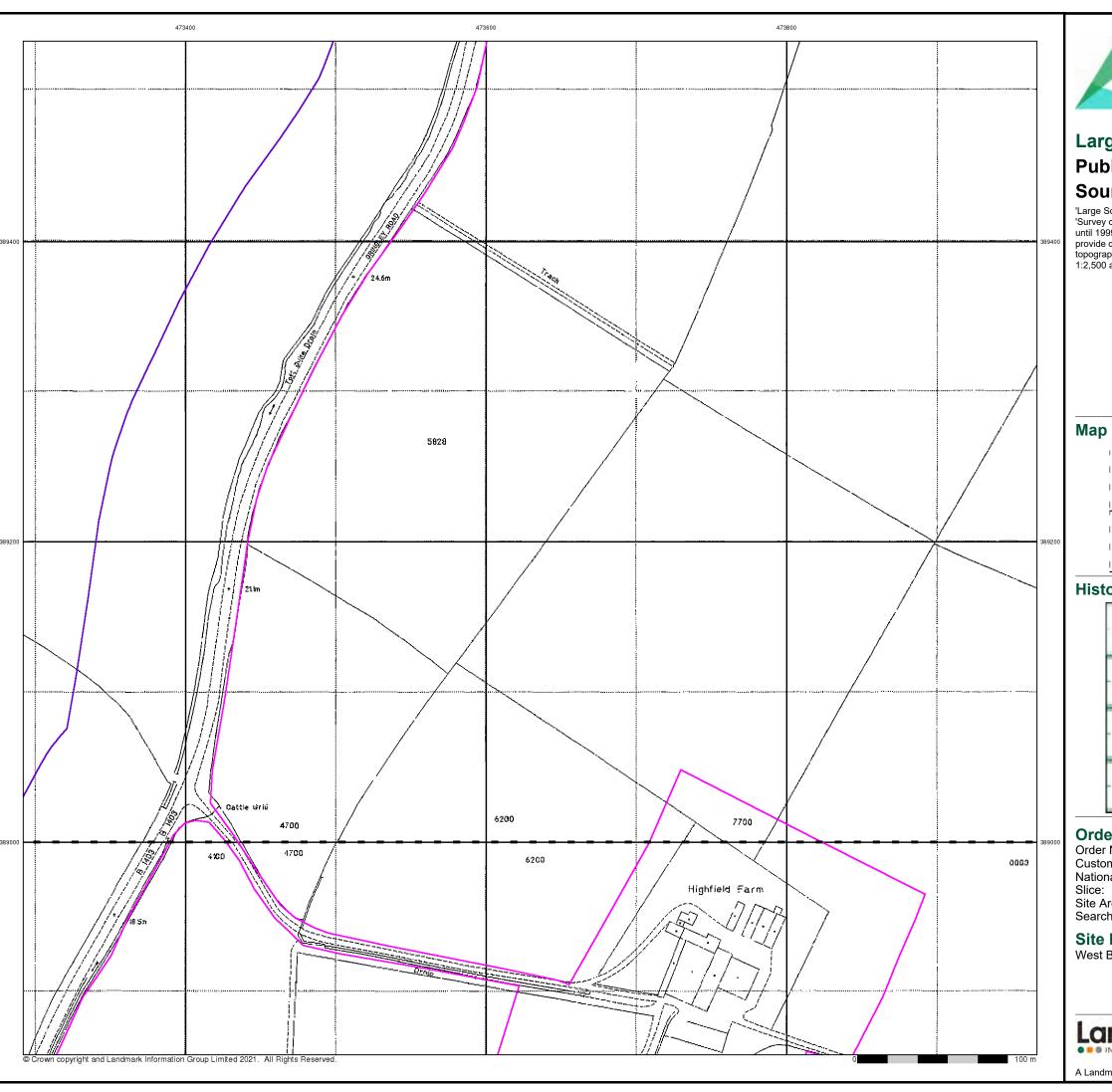
West Burton 4



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A Landmark Information Group Service v50.0 04-Nov-2021

Page 5 of 7

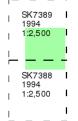




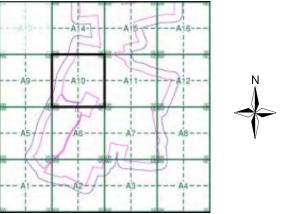
# **Large-Scale National Grid Data** Published 1994 Source map scale - 1:2,500

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

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



#### **Historical Map - Segment A10**



#### **Order Details**

287332060_1_1 21-1098.02 Order Number: Customer Ref: National Grid Reference: 474000, 388930

Site Area (Ha): Search Buffer (m): 247.84

# **Site Details**

West Burton 4



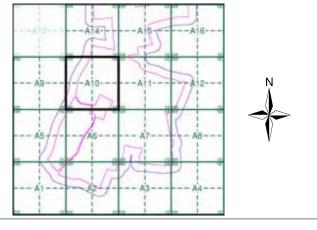
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This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A10**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

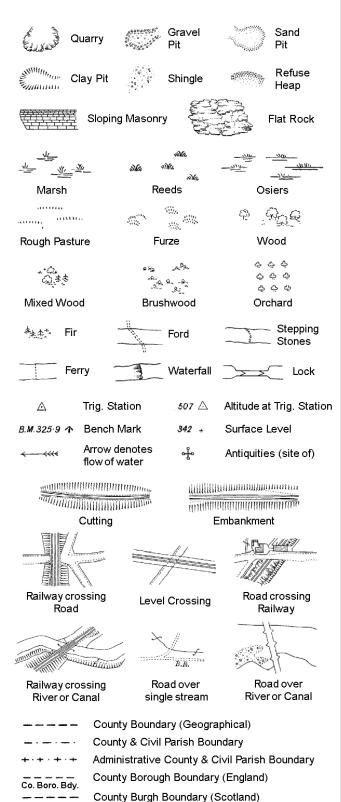
**Site Details** 

West Burton 4

Landmark INFORMATION GROUP

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

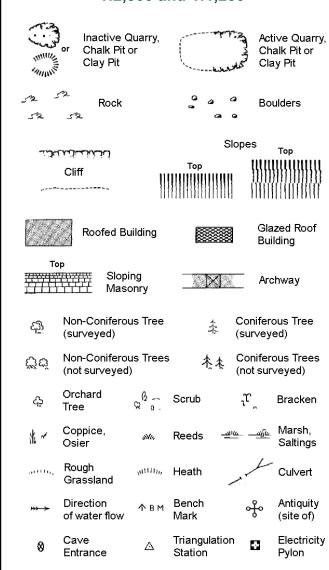
Electricity Pylor

B.R.

E.P

F.B.

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

	County Boundary (Geographical)
· — · — ·	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
- <del></del>	London Borough Boundary
O PA	Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

277-0	~~~~			Slo	pes	Тор
	لكنائبان		Тор		Ш	11111111111
	Cliff	111			- )))))	))))))))
,			muma	11111	11111	11111111111
52 s	Rock		٤	2	Rock (s	scattered)
$\Box$	Boulders		2	> E	Boulde	rs (scattered)
$\triangle$	Positioned	Boulder	d		Scree	
<u>දුව</u>	Non-Conif (surveyed	erous Tree )		-1-	Conife (surve	rous Tree yed)
Öΰ	Non-Conife (not surve	erous Trees yed)	* *	·		rous Trees r∨eyed)
<del>ڳ</del>	Orchard Tree	Q a.	Scrub		ıμ,	Bracken
* ~	Coppice, Osier	siHi,	Reeds	<u></u>	<u>u</u> — <u>w</u>	Marsh, Saltings
acette,	Rough Grassland	₁₁ 11111 ₁₁ ,	Heath		1	Culvert
<del>»&gt; &gt;</del>	Direction of water flo	Δ ow	Triangu Station		ઌ૾ૺ૰	Antiquity (site of)
_ E T L _	_ Electric	ity Transmis	ssion Lin	ie	$\boxtimes$	Electricity Pylon
\ <del> </del>	231.60m E	Bench Mark	Į. Į	7	Buildi Buildi	ngs with ng Seed
	Roofe	ed Building			9	Glazed Roof Building
		Ci∨il parish	doommu	nity be	undar	.,
· <u>·</u>		District bo		inty be	Juliual	у
			-			
_ •		County bo	-			
¢	,	Boundary	ost/stor	ie		
٨		Boundary i always app of three)		-		
Bks	Barracks		Р		Pillar, P	ole or Post
Bty	Battery		PO		Post 0	ffice
Cemy	Cemetery		PC		Public	Convenience
Chy	Chimney		Pp		Pump	
Cis	Cistern			Sta		ng Station
Dismtd F	-	tled Railway	PW			fWorship
El Gen S	ta Electric Station	ity Generating	Sew	vage Pp		Sewage Pumping Station
EIP		Pole, Pillar	SB.	S Br		Box or Bridge
	ta Electricity		SP,		_	Post or Light
FB	Filter Bed		Spr		Spring	_
Fn/DFr		Drinking Ftn.	Tk		Tank o	
	Gae Value	_	Tr		Trough	

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

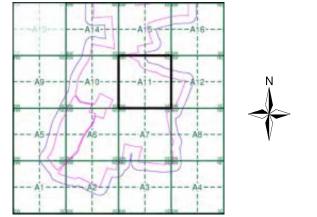
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

#### **Historical Map - Segment A11**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

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

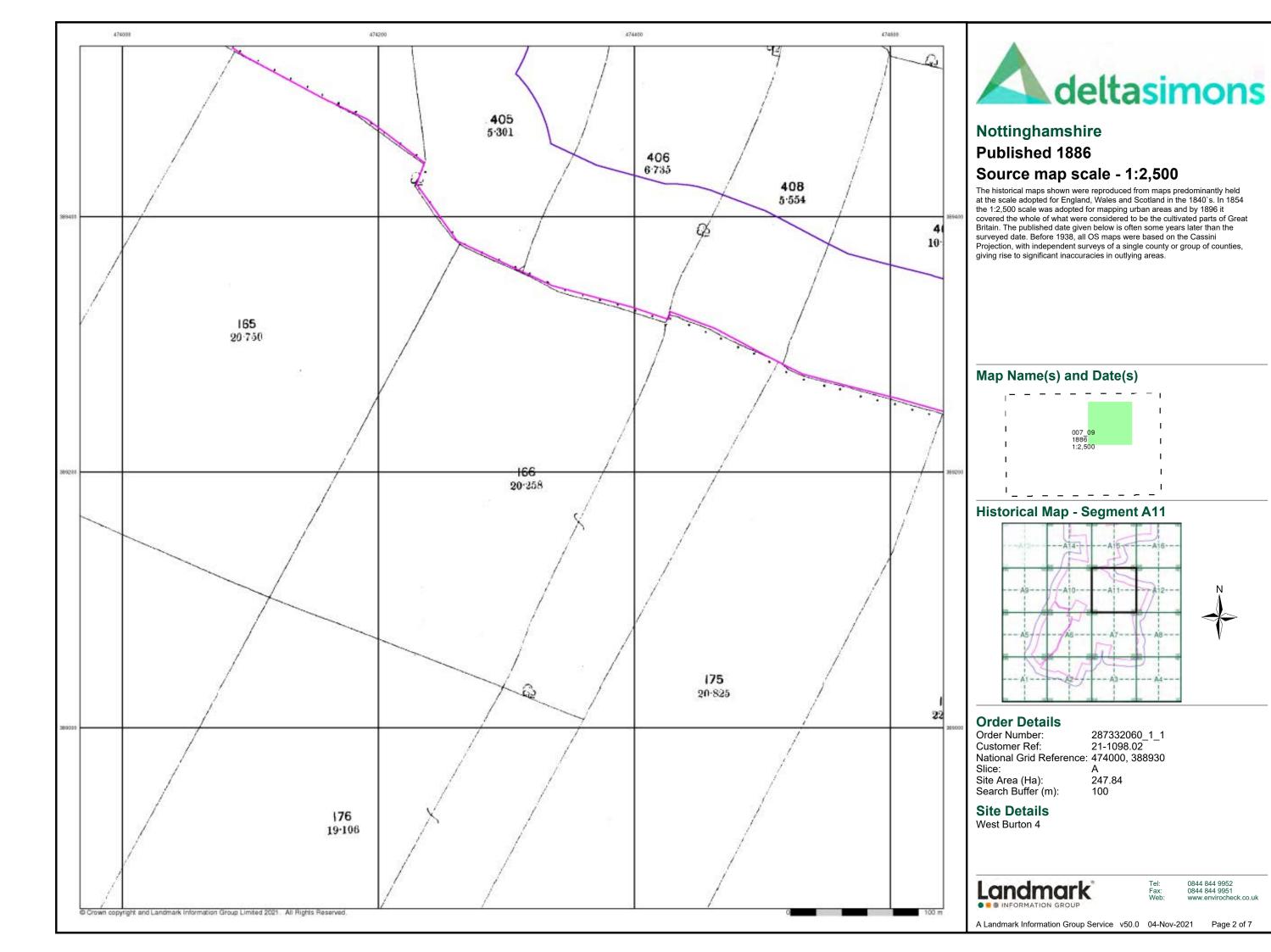
247.84

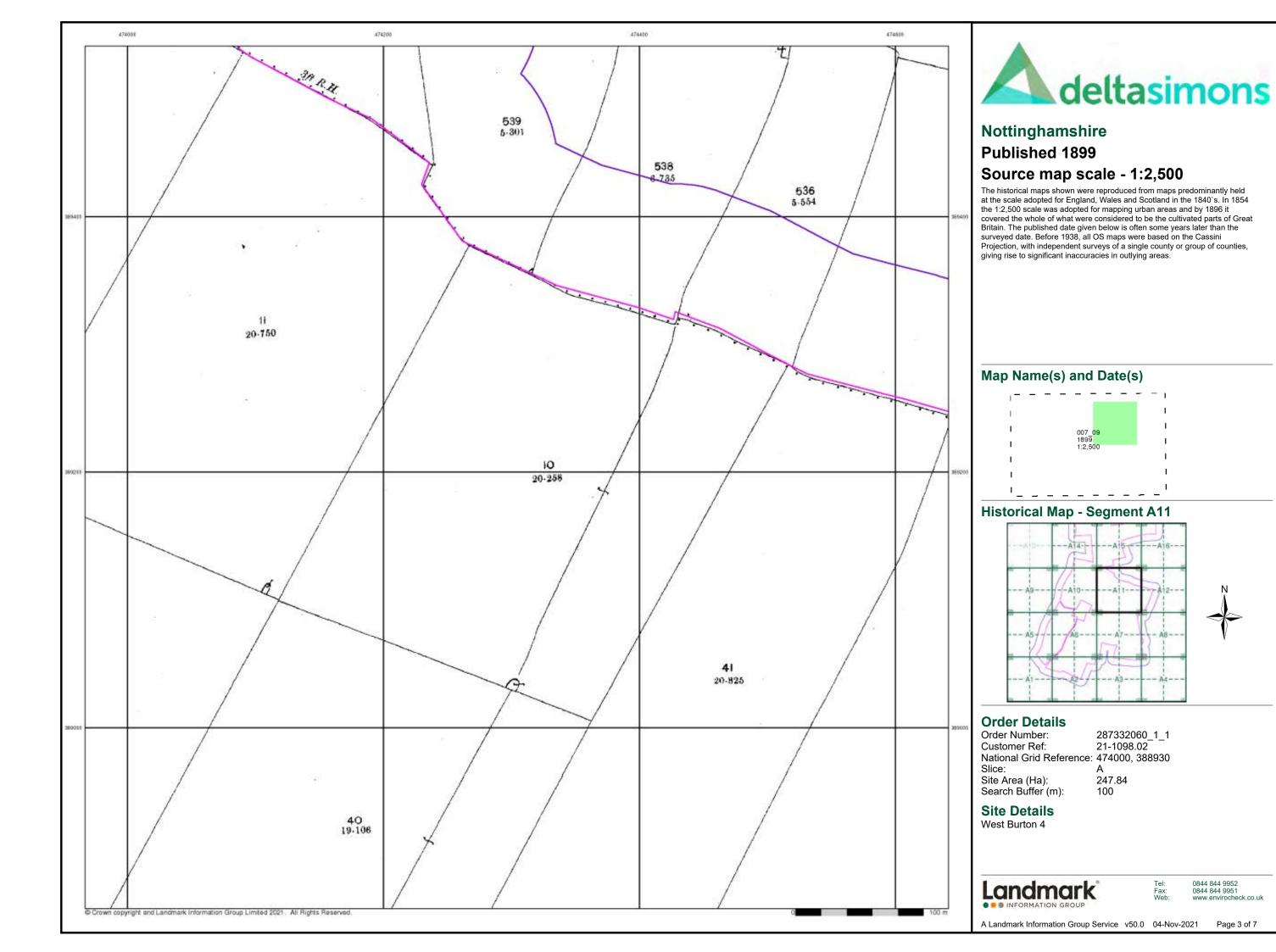
**Site Details** West Burton 4

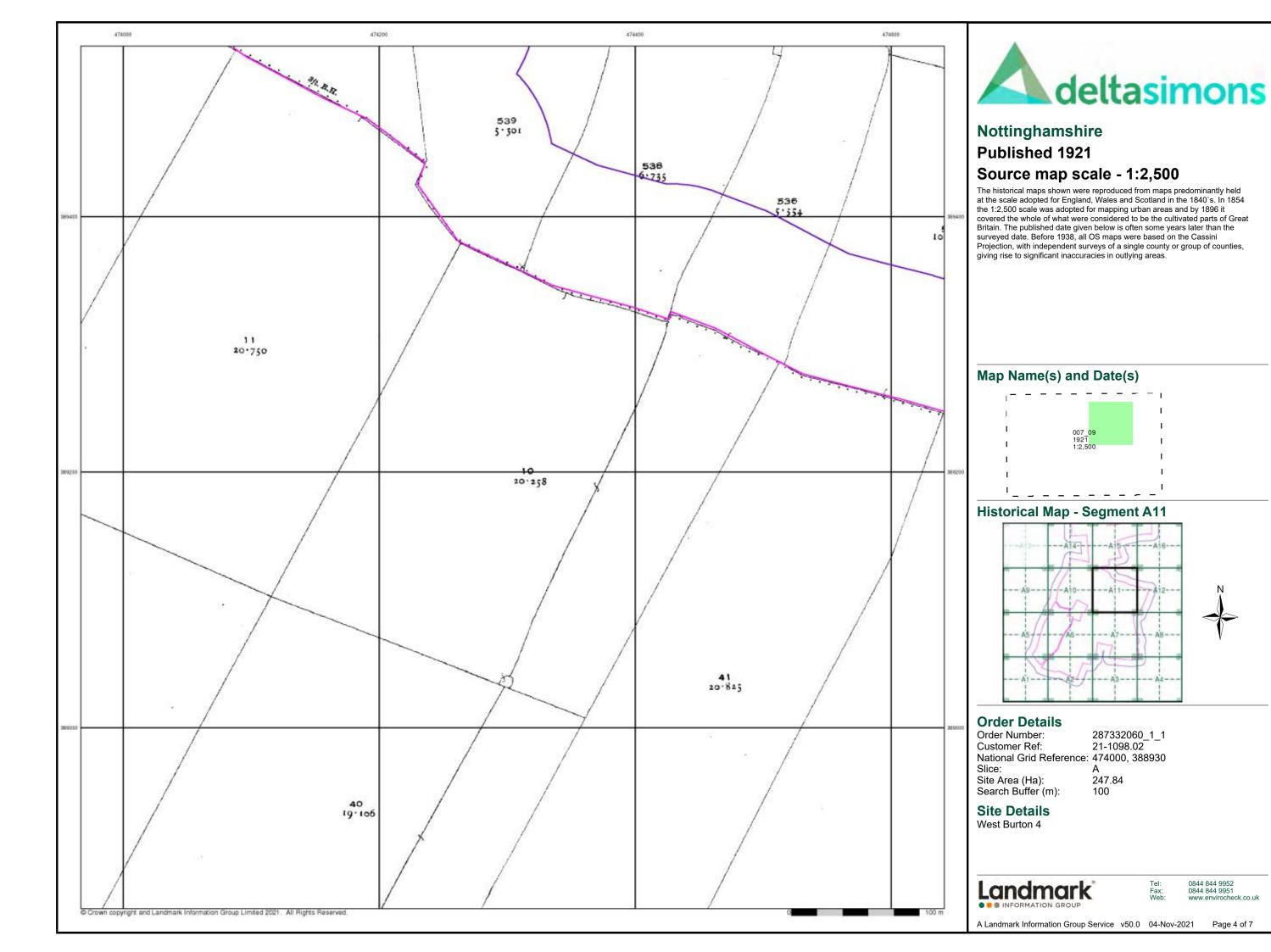


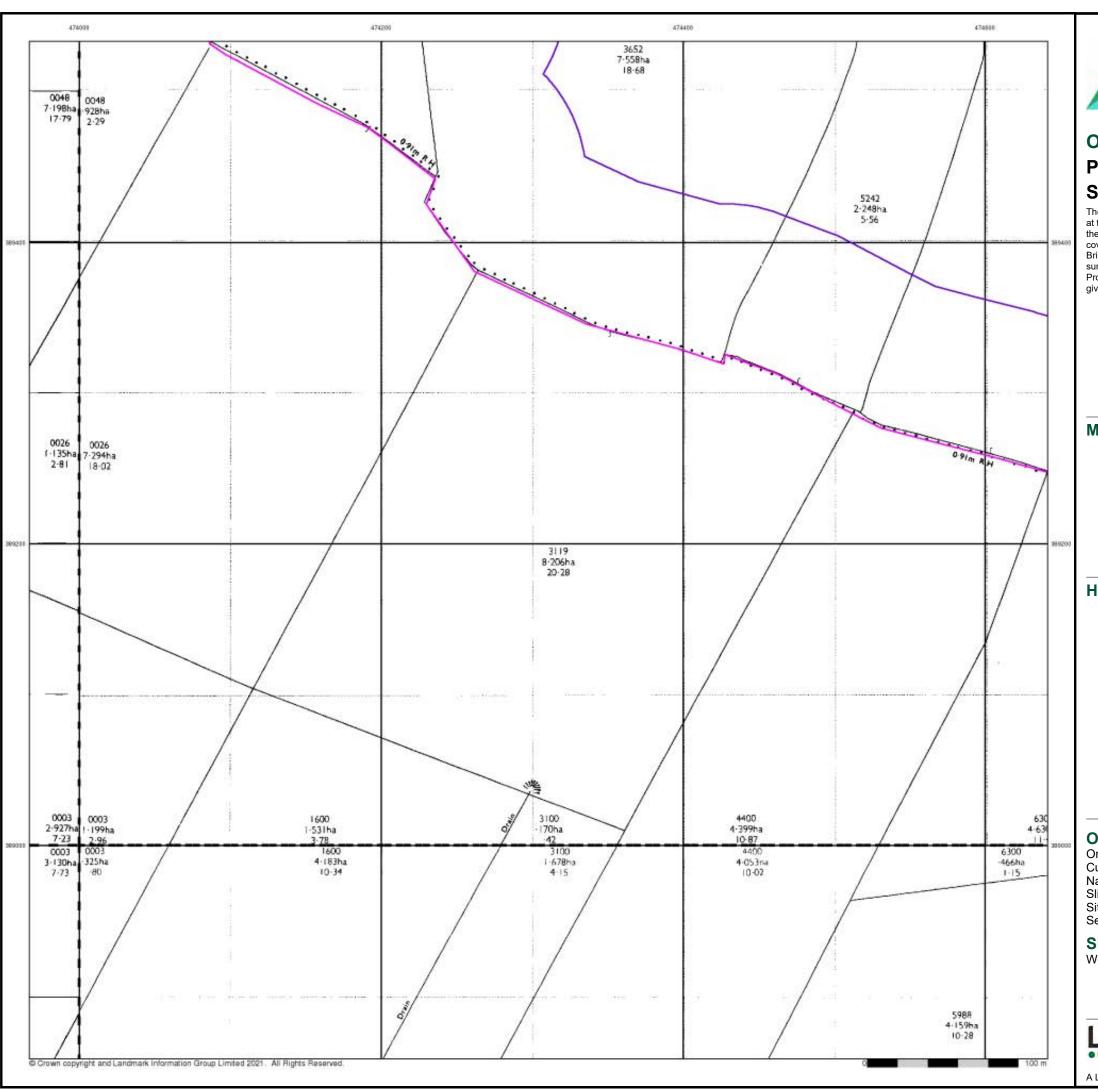
0844 844 9952 0844 844 9951

Page 1 of 7







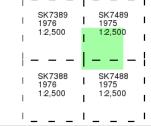




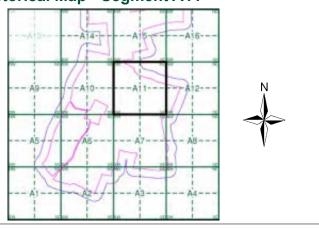
# **Ordnance Survey Plan Published 1975 - 1976** Source map scale - 1:2,500

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 A11**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930 Slice:

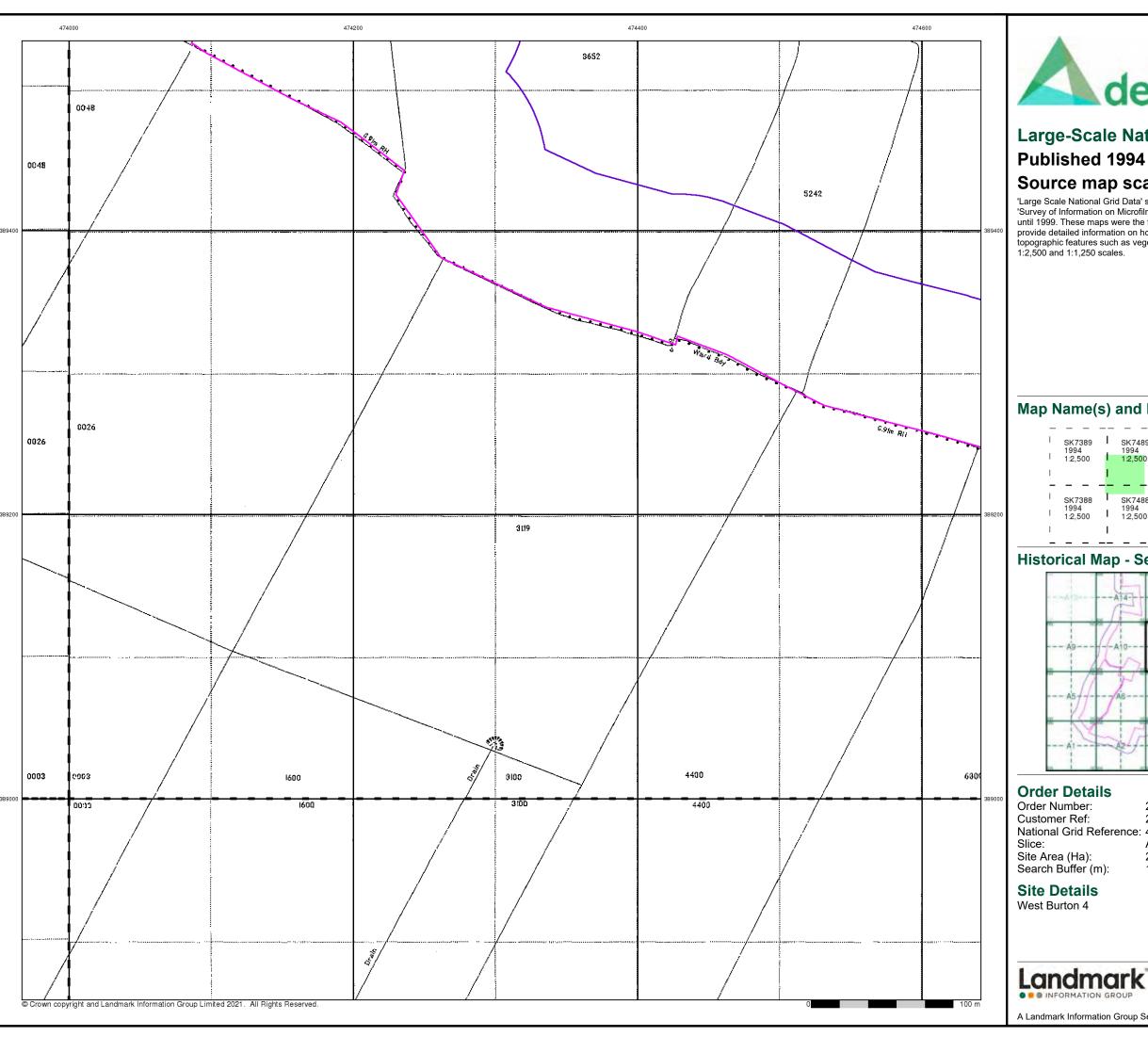
Site Area (Ha): Search Buffer (m): 247.84

### **Site Details**

West Burton 4



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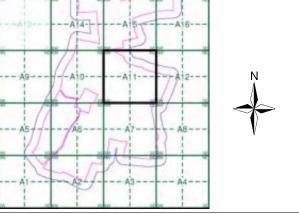
# **Large-Scale National Grid Data** Published 1994 Source map scale - 1:2,500

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

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

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1		389	- 1		7489	ı
1	199 1:2,		ı	199 1:2,	500	ı
1			1			ı
-	_	_		-	_	_
T		388	I		7488	I
1	199 1:2,		-1	199 1:2,	4 500	ı
1			-1			ı

#### **Historical Map - Segment A11**

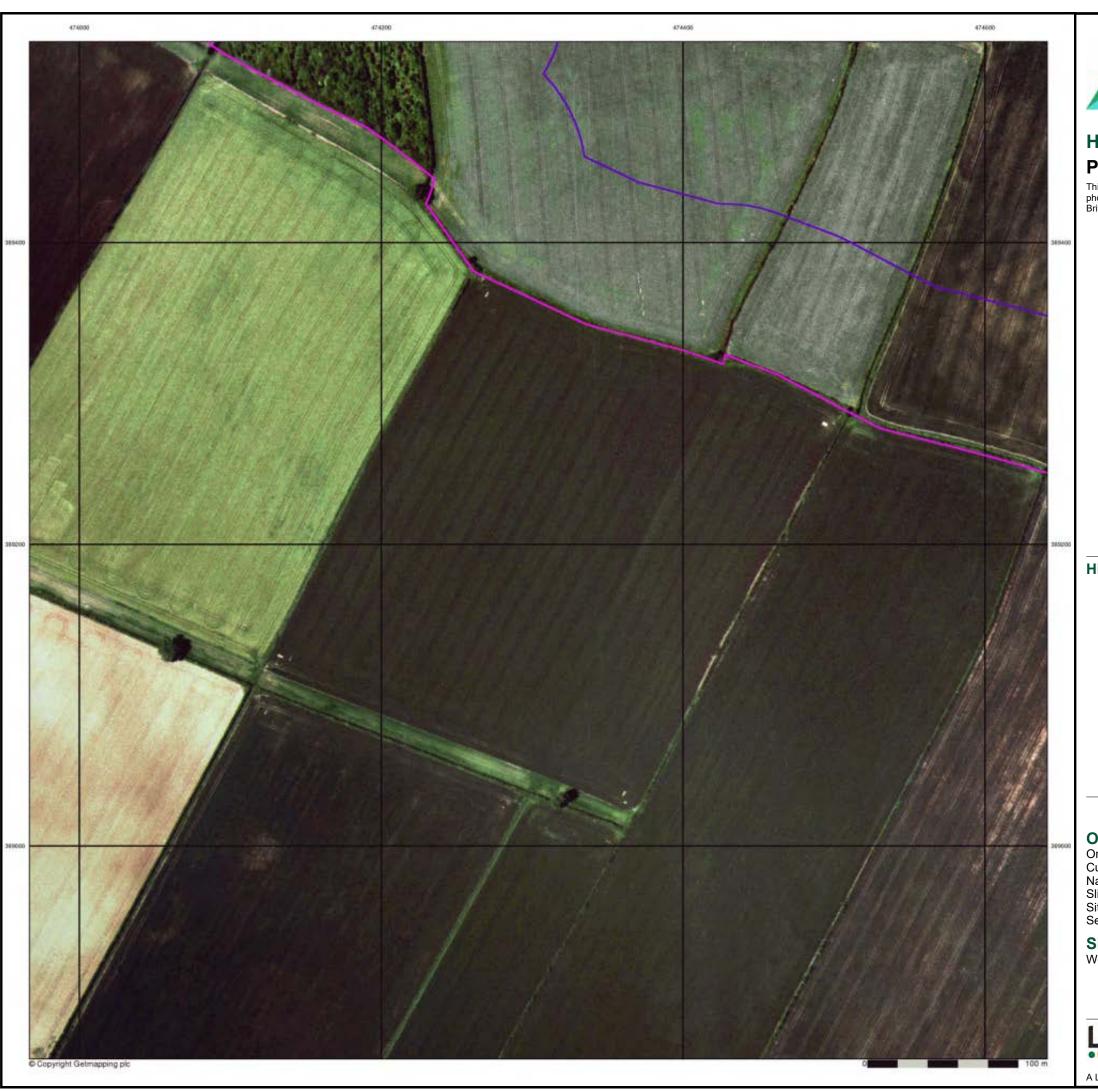


287332060_1_1 21-1098.02 National Grid Reference: 474000, 388930

247.84



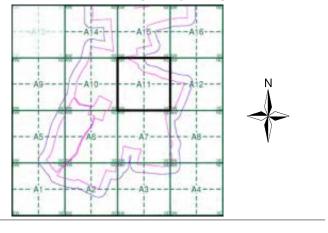
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This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A11**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

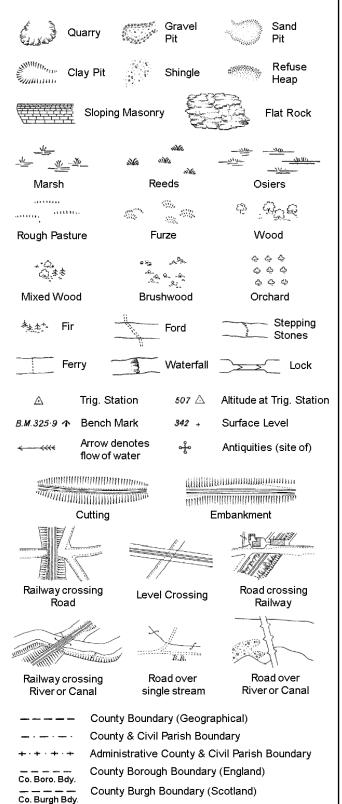
Site Area (Ha): Search Buffer (m): 247.84

**Site Details** West Burton 4

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

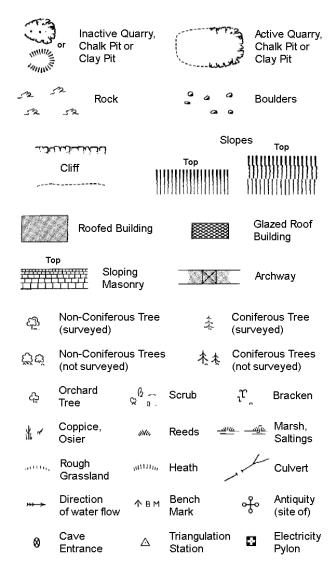
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slop	oes ,	⁻ ор
		Top		<b>!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!</b>	9 <b>, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1</b>
523	Rock		23	Rock (sc	attered)
$\triangle$	Boulders		۵	Boulders	(scattered)
	Positioned Boulde	er		Scree	
<u>කු</u>	Non-Coniferous T (surveyed)	ree	-1-	Conifero surveye	
ర్లోలే	Non-Coniferous T (not surveyed)	rees	/IN .A.	Conifero (not surv	us Trees eyed)
දා	Orchard ℓ Tree ♀	⊊ Scru	b	ır,	Bracken
* ~	Coppice, Osier	w, Reed	ls <u>-w</u> la	<u>—————————————————————————————————————</u>	Marsh, Saltings
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Rough "ու Grassland	^{⊔u,} Heat	h /	1	Culvert
<del>&gt;&gt;&gt; →</del>	Direction of water flow	∆ Trian Stati	gulation on	ઌ૾ૺ	Antiquity (site of)
E_TL	_ Electricity Trar	smission	Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / вм	231.60m Bench N	/lark		Building Building	s with Seed
	Roofed Build	ling		1	zed Roof Iding
	• • • Civil n	arish/comr	nunity bo	undary	
	•	t boundar	-	· an a an y	
_ •		y boundary	•		
٥		ary post/st			
		ary mereir		l (note: t	haca
٥		s appear in			
Bks	Barracks	F	•	Pillar, Pole	e or Post
Bty	Battery		20	Post Offic	
Cemy	Cemetery		o Po		nvenience
Chy Cis	Chimney Cistern		~p ⊃pg Sta	Pump Pumping:	Station
Dismtd R			PW	Place of W	
El Gen S	ta Electricity Gener Station	ating \$	Sewage Pp		wage mping Station
EIP	Electricity Pole, Pill	ar S	8B, S Br		x or Bridge
El Sub S	ta Electricity Sub Stat	ion s	SP, SL	Signal Po	st or Light
FB	Filter Bed	5	Spr	Spring	
Fn / D Fn	Fountain / Drinking	Ftn.	Γk	Tank or Tr	ack

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

GVC

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Wd Pp

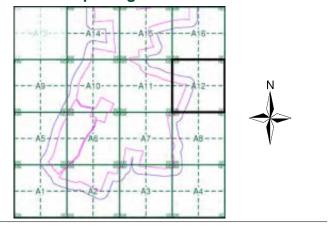
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A12**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

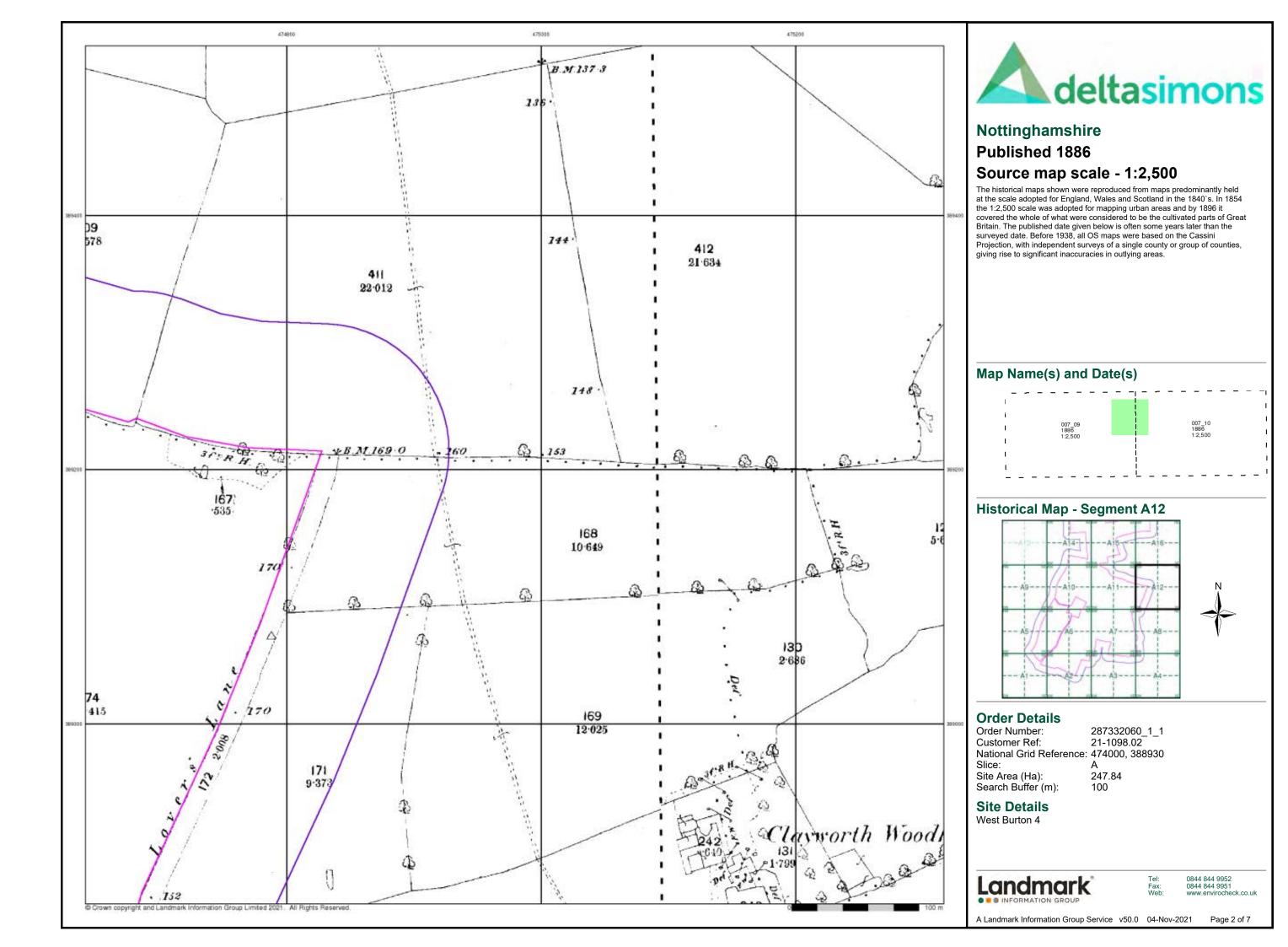
247.84 Search Buffer (m):

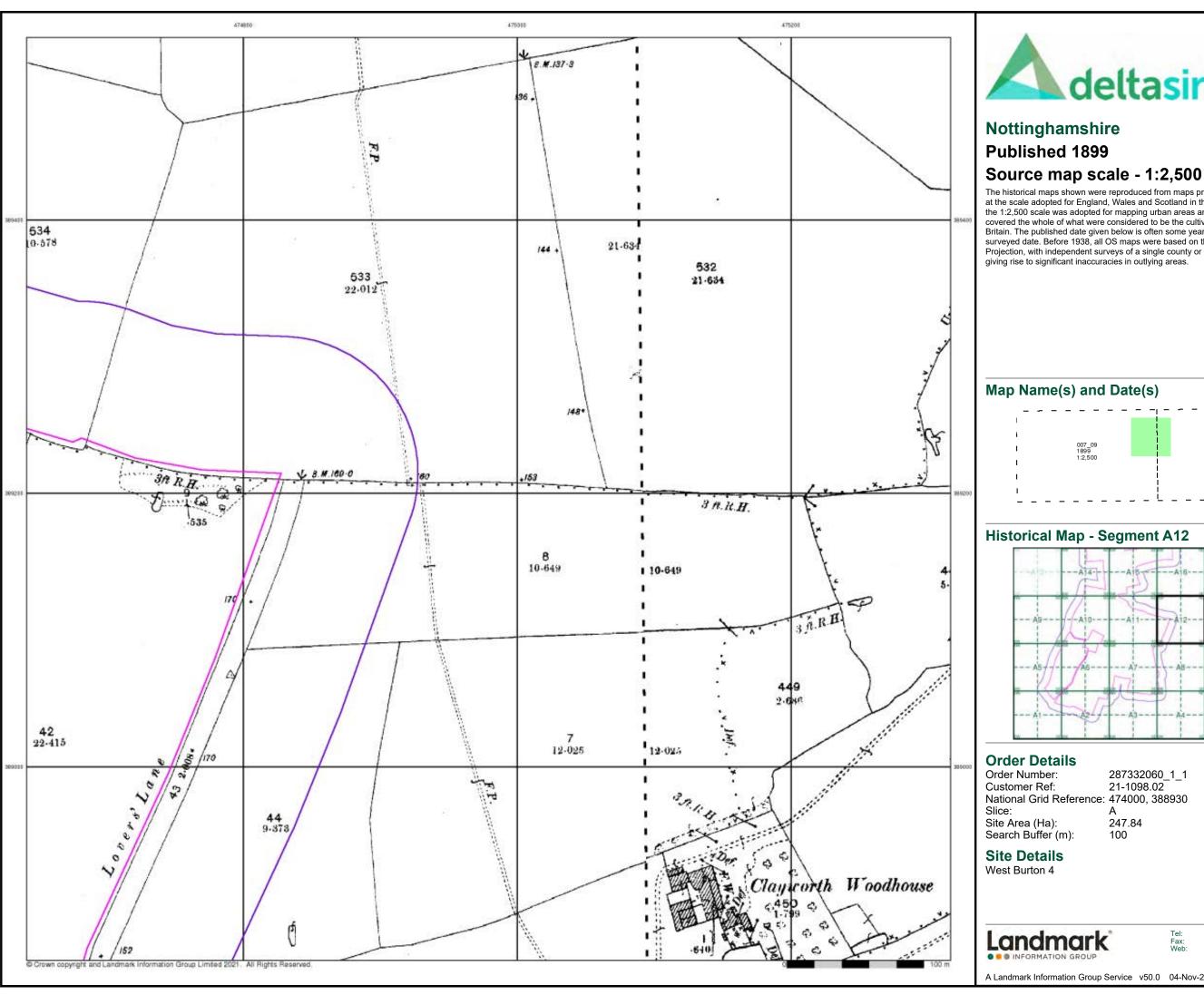
**Site Details** West Burton 4



0844 844 9952 0844 844 9951

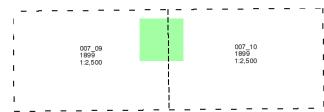
Page 1 of 7

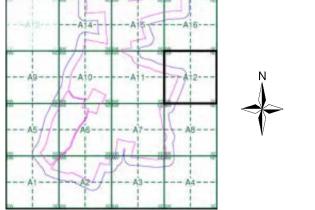






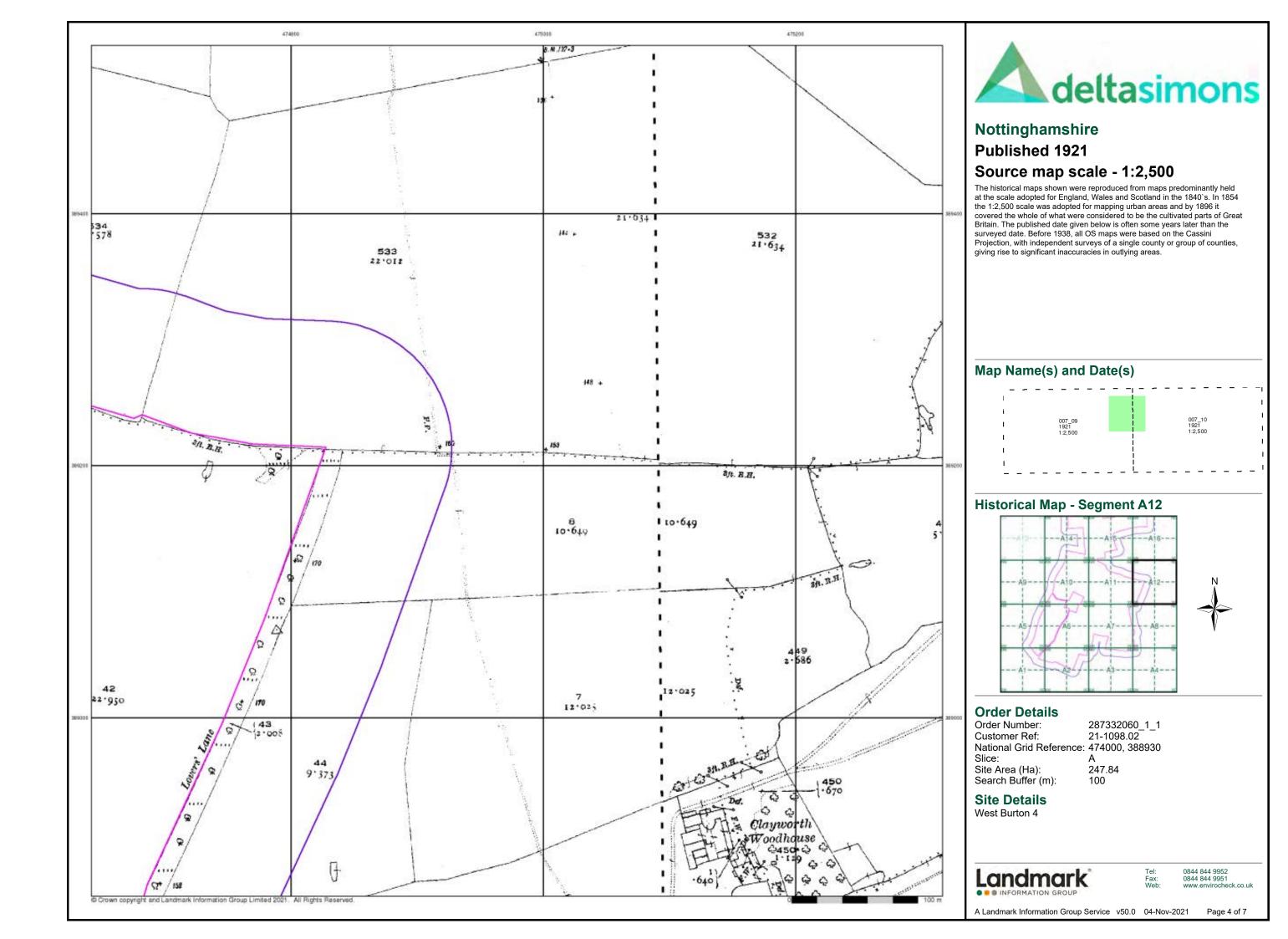
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

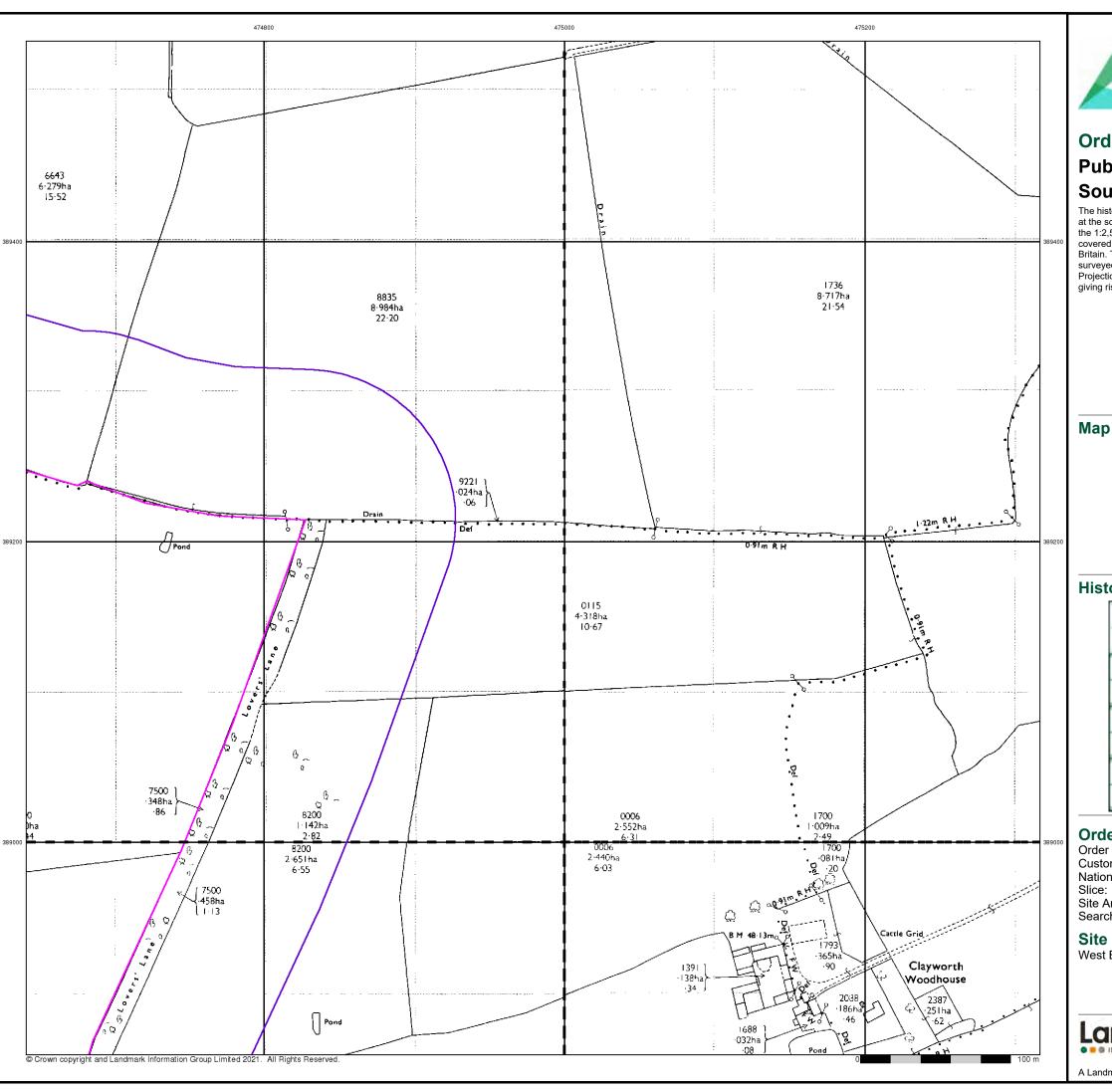




Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

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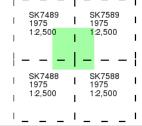




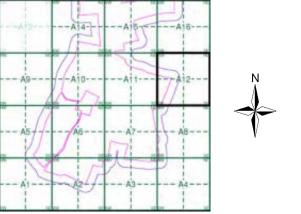
# **Ordnance Survey Plan** Published 1975 Source map scale - 1:2,500

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 A12**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 388930

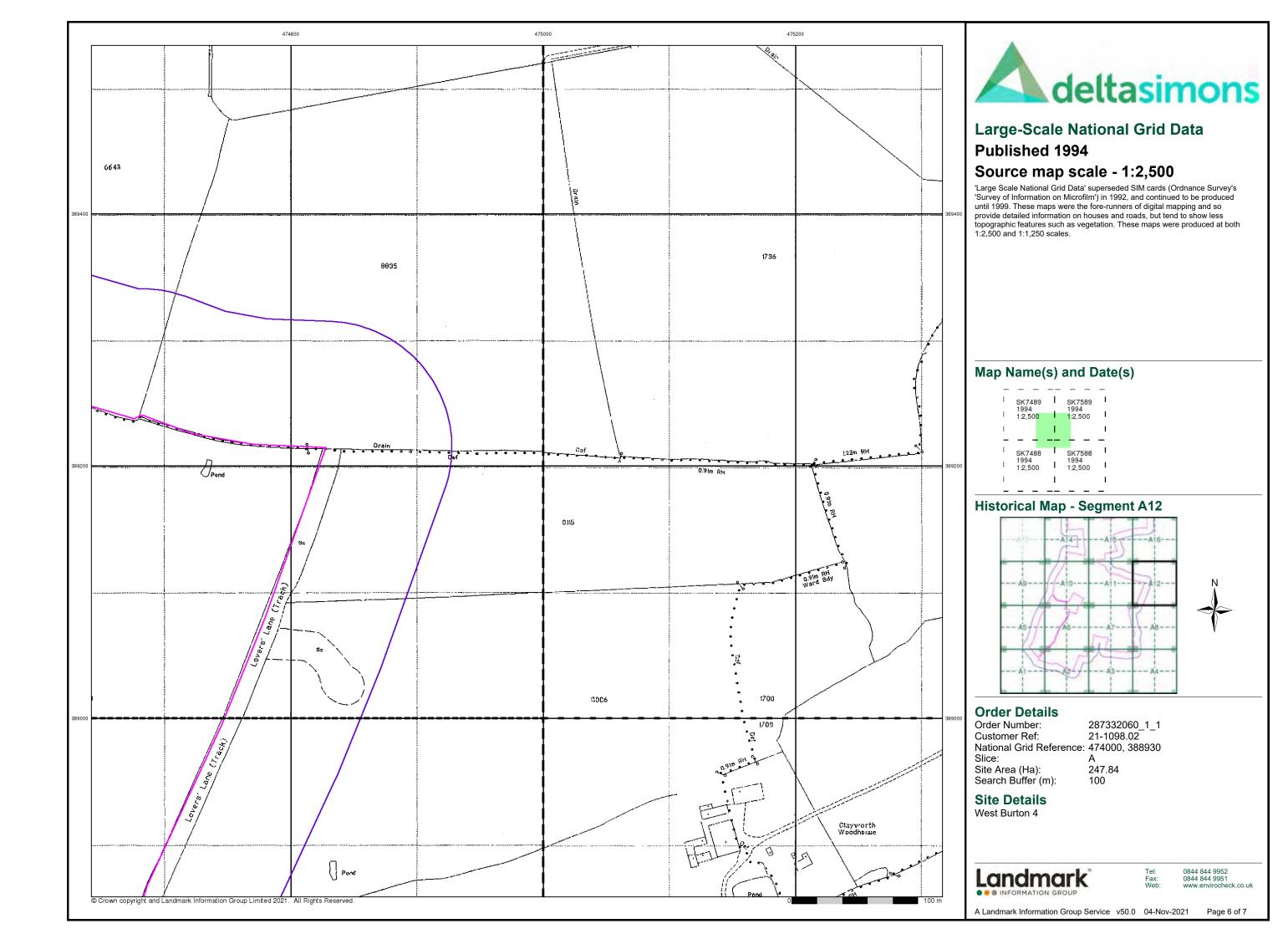
Site Area (Ha): Search Buffer (m): 247.84

### **Site Details**

West Burton 4

Landmark

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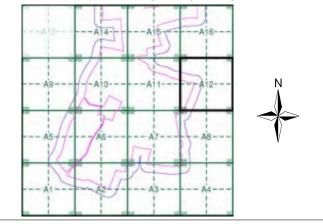






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A12**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930
Slice: A

Slice: A
Site Area (Ha): 247.84
Search Buffer (m): 100

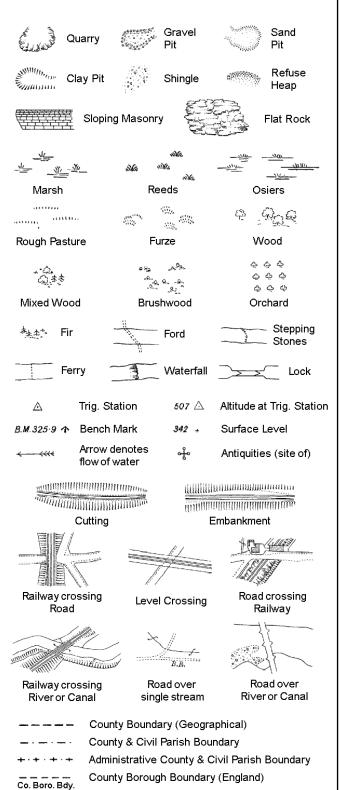
Site Details
West Burton 4

Landmark*

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

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



County Burgh Boundary (Scotland)

S.P

Sl.

 $T_T$ 

T.C.B

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

Well

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Guide Post or Board

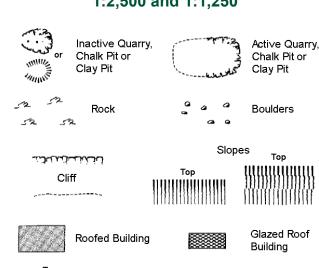
B.R.

E.P

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Non-Coniferous Tree (surveyed) Non-Coniferous Trees ద్దిష (not surveyed)

డ్తి

Sloping

Masonry

Coniferous Trees (not surveyed) Orchard Scrub Bracken Marsh,

Reeds

Rough ш_и Heath Grassland Direction Bench of water flow

Coppice,

Cave

L B Bdy

Chv

D Fn

EIP

FAP

FB

LC

MP

MS

NTL

Entrance

Beer House

Capstan, Crane

Drinking Fountain

Fire Alarm Pillar

Level Crossing

Normal Tidal Limit

Foot Bridge

Guide Post

Manhole

Electricity Pillar or Post

Hydrant or Hydraulic

Mile Post or Mooring Post

**Boundary Post or Stone** 

**Electricity Transmission Line** 

Triangulation 

County Boundary (Geographical)

Admin. County or County Bor. Boundary

Symbol marking point where boundary

County & Civil Parish Boundary

Civil Parish Boundary

mereing changes

London Borough Boundary

РО

PH

SB. SB

SP. SL

Τk

TCB

TCP

Wr Pt. W

Wd Pp

Electricity

Pillar, Pole or Post

**Public Convenience** 

Signal Box or Bridge

Signal Post or Light

Telephone Call Box

Telephone Call Post

Water Point, Water Tap

Post Office

Public House

Pump

Spring

Trough

Wind Pump

Tank or Track

Saltings

Culvert

Antiquity

(site of)

Archway

Coniferous Tree

(surveyed)

Roofed Building

BM 231.60m

Cliff

Rock

Boulders

(surveyed)

(not surveyed)

Orchard

Coppice,

Rough

Grassland

Direction

of water flow

දු

Positioned Boulder

Non-Coniferous Tree

Non-Coniferous Trees

ွမ်္က Scrub

wum, Heath

Δ

**Electricity Transmission Line** 

Bench Mark

Reeds

Triangulation

Civil parish/community boundary District boundary County boundary Boundary post/stone

Manhole

Mile Post or Mile Stone

Boundary mereing symbol (note: these always appear in opposed pairs or groups

1:1,250

Slopes

52

Rock (scattered)

Coniferous Tree

Coniferous Trees

Bracken

Marsh,

Saltings

Culvert

Antiquity

(site of)

Electricity

 $\boxtimes$ 

**Buildings** with

**Building Seed** 

Glazed Roof

Building

Works (building or area)

(not surveyed)

(surveyed)

<u>سعاند</u>

Boulders (scattered)

Bks Barracks Pillar Pole or Post РΟ Post Office Bty Rattery PC Public Convenience Cemv Cemetery Chy Ppg Sta Pumping Station Cistern PW Place of Worship Dismtd RIv Dismantled Railway El Gen Sta **Electricity Generating** Sewage Ppg Sta Sewage Electricity Pole, Pillar Signal Box or Bridge El Sub Sta Electricity Sub Station Signal Post or Light FΒ Filter Bed Spr Spring Fn/DFn Fountain / Drinking Ftn. Tk Tank or Track Gas Valve Compound Tr Trough GVC Gas Governer Wd Pp Wind Pump Wr Pt. Wr T Water Point, Water Tap **Guide Post** 

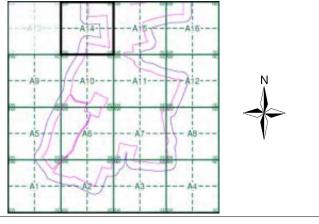
Wks



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A14**



#### **Order Details**

Order Number: 287332060_1_1 21-1098.02 **Customer Ref:** National Grid Reference: 474000, 388930 Slice:

Site Area (Ha):

247.84 Search Buffer (m): 100

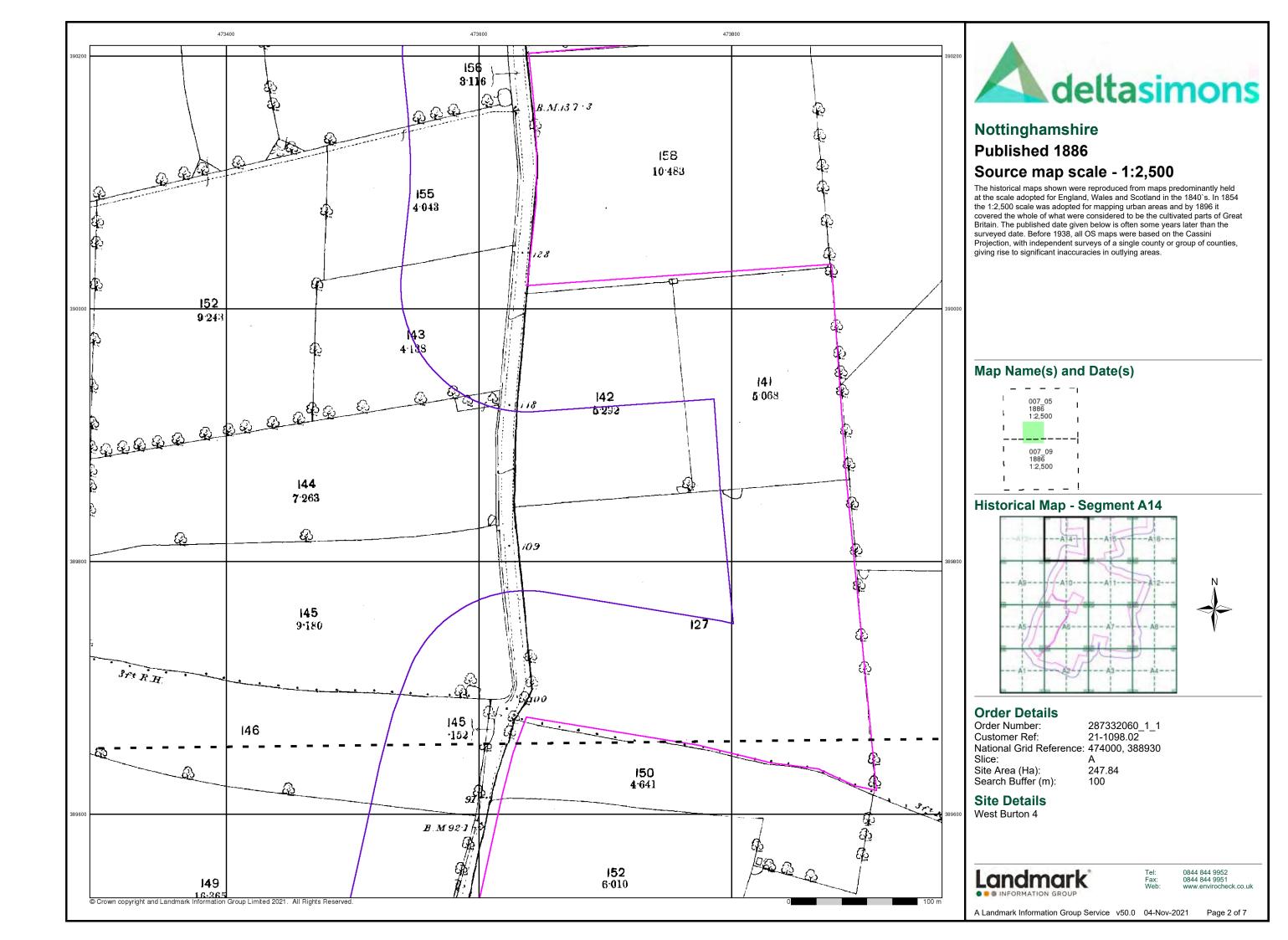
**Site Details** West Burton 4

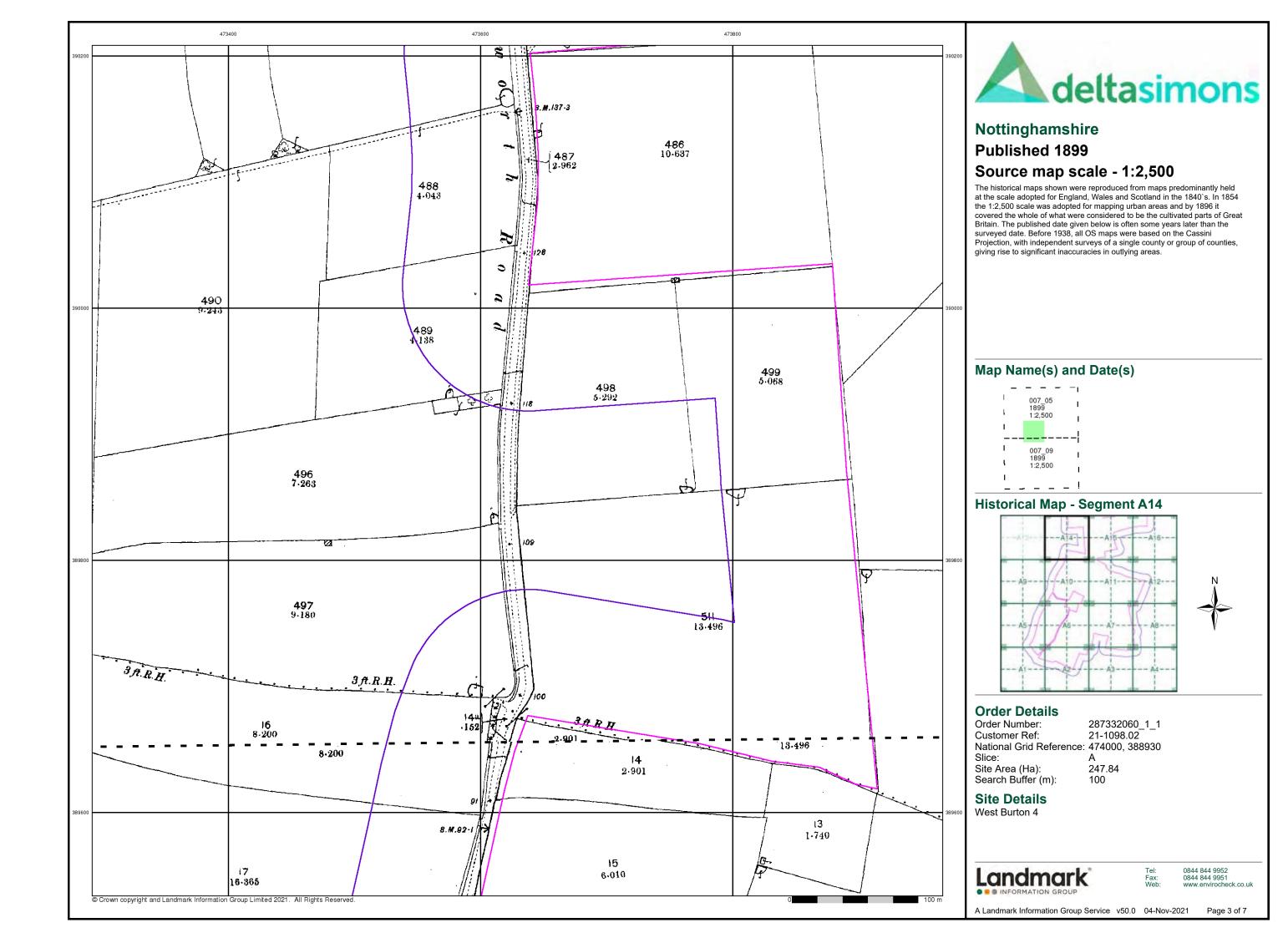
0844 844 9952 0844 844 9951

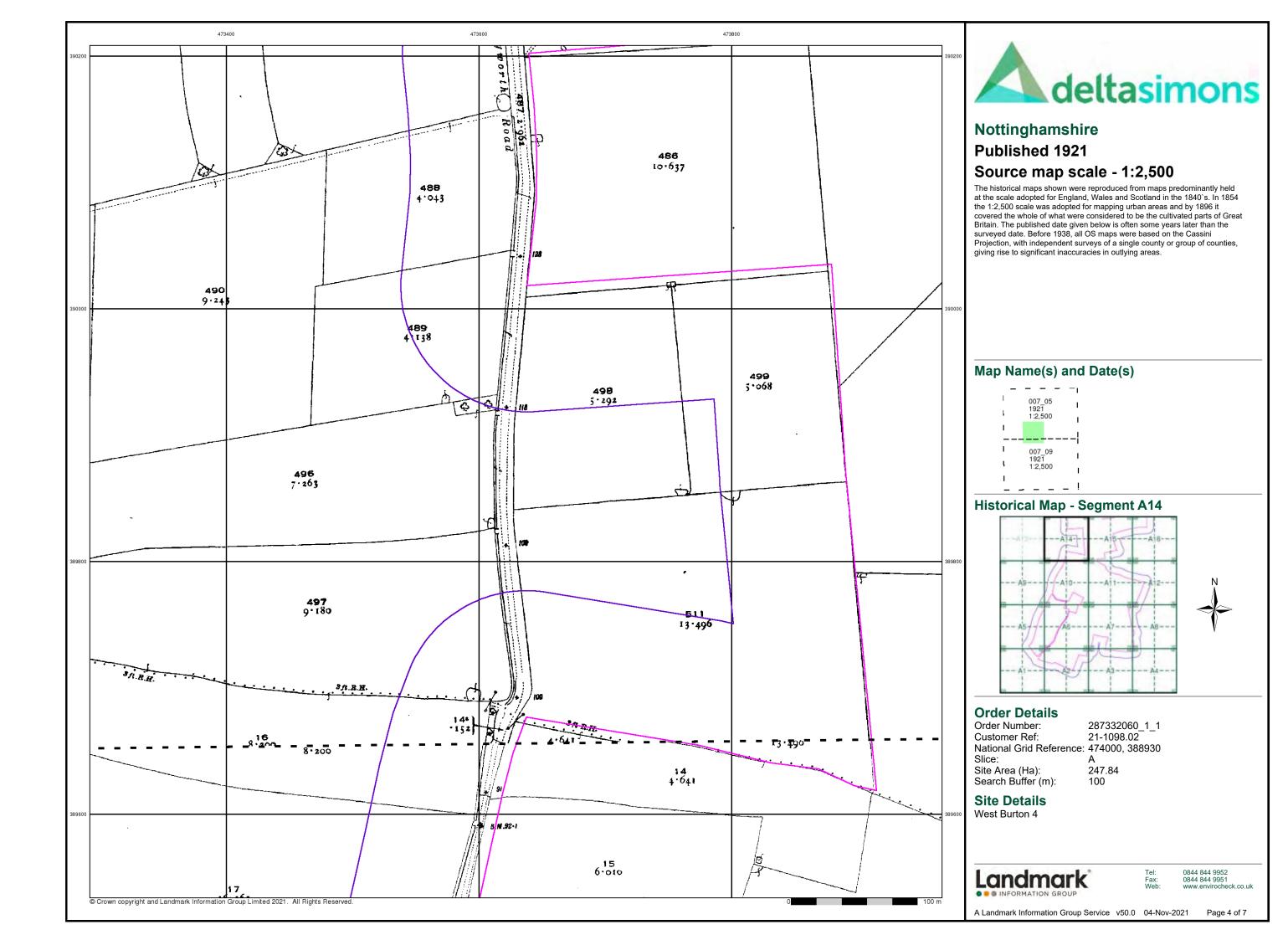
Page 1 of 7

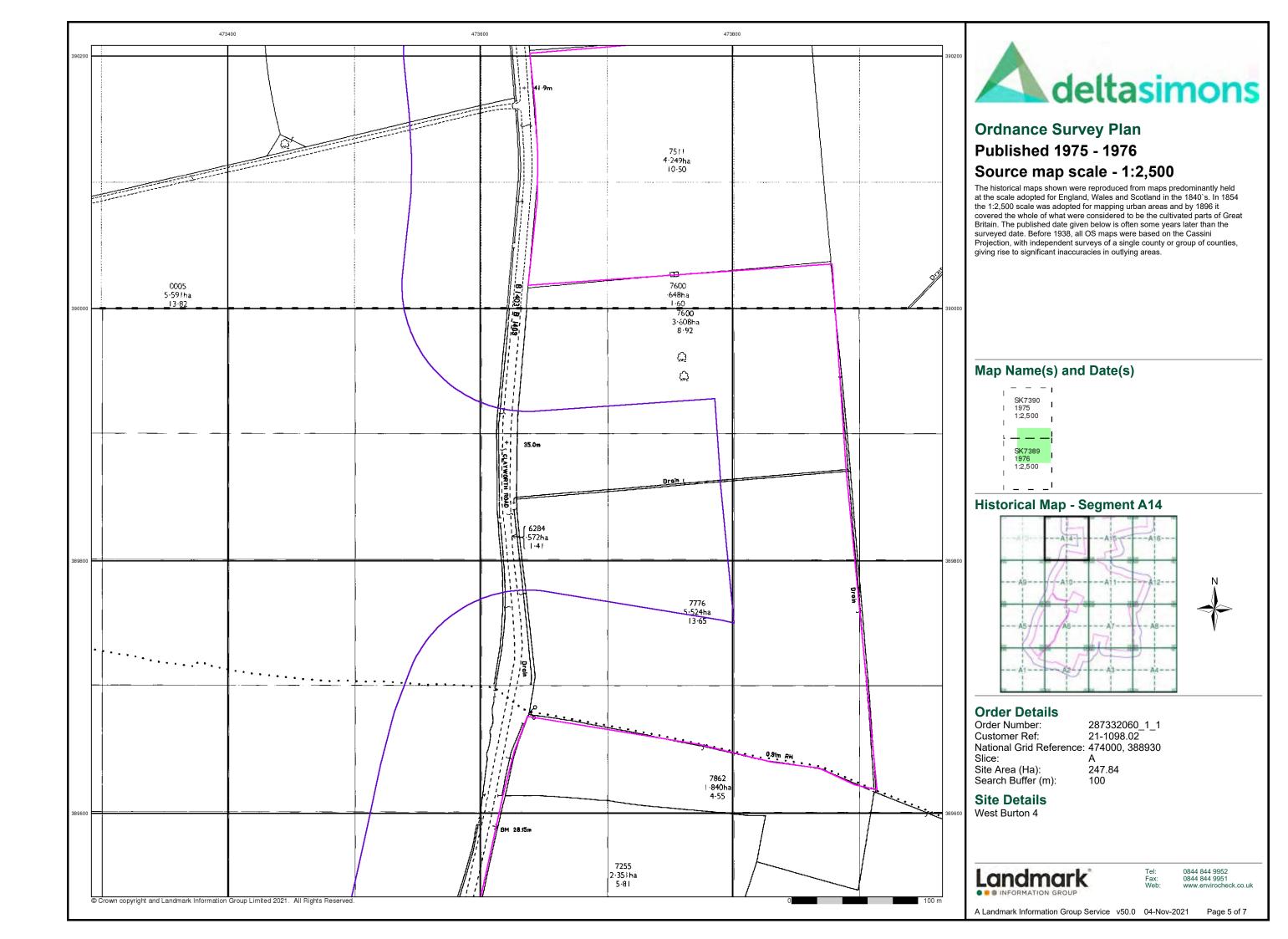
A Landmark Information Group Service v50.0 04-Nov-2021

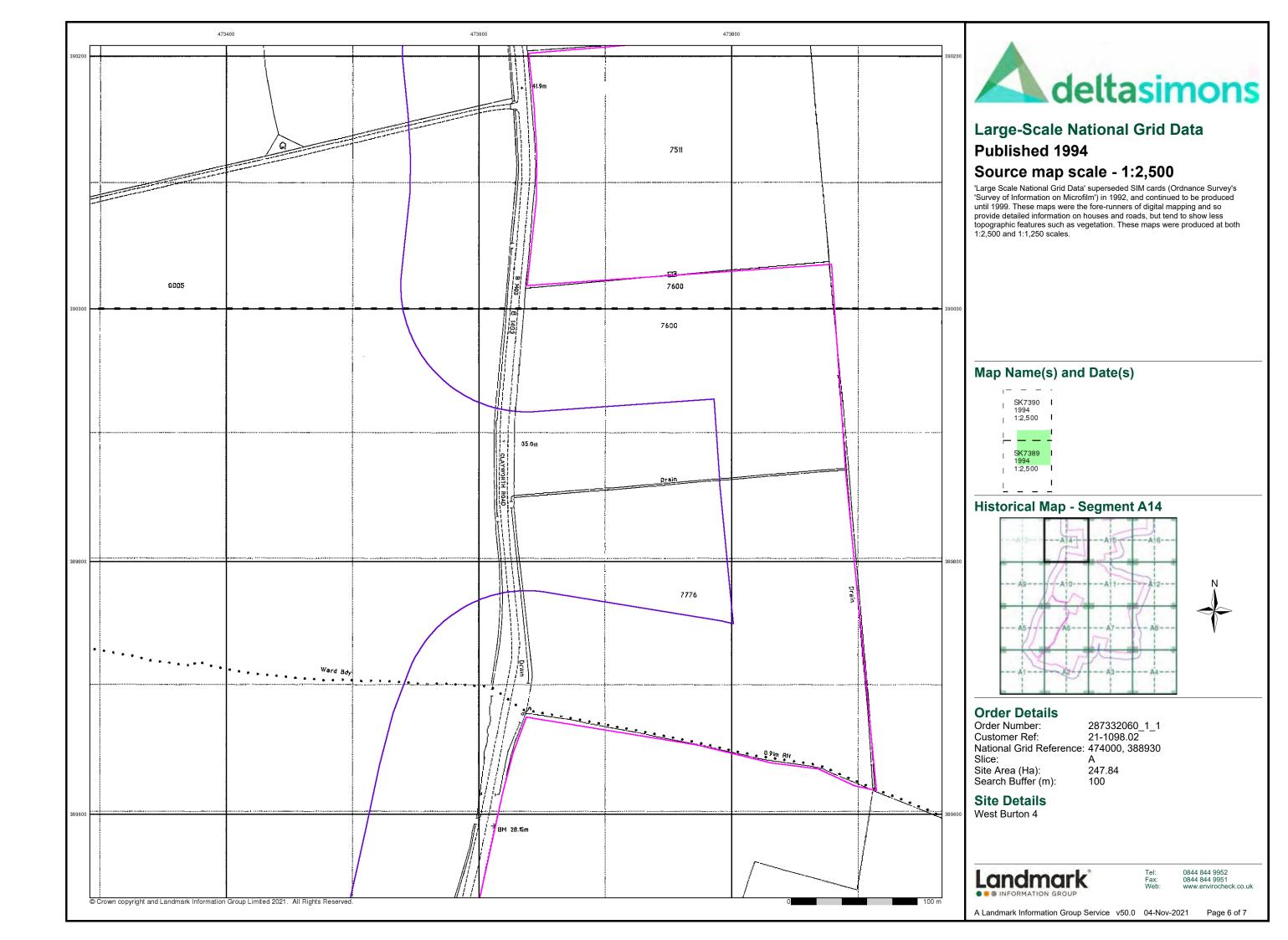
Landmark

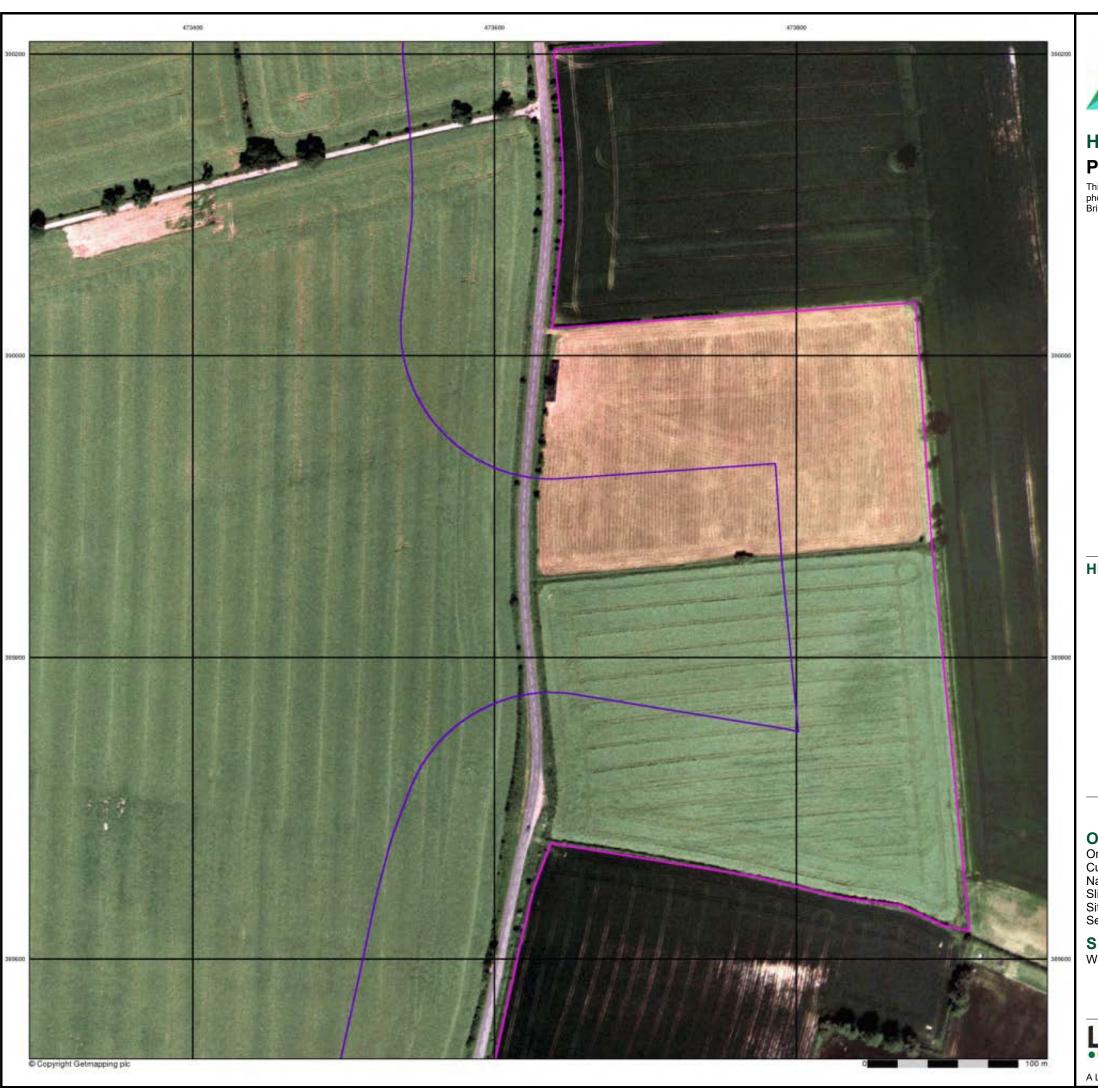








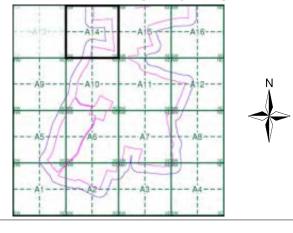






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A14**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930 Slice:

Site Area (Ha): Search Buffer (m): 247.84

**Site Details** 

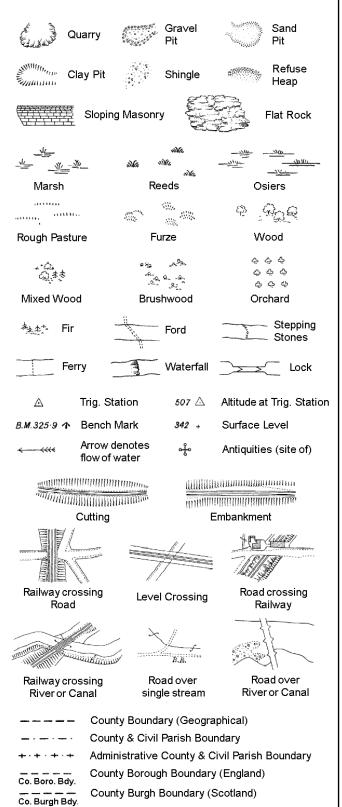
West Burton 4

Landmark*

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A Landmark Information Group Service v50.0 04-Nov-2021 Page 7 of 7

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

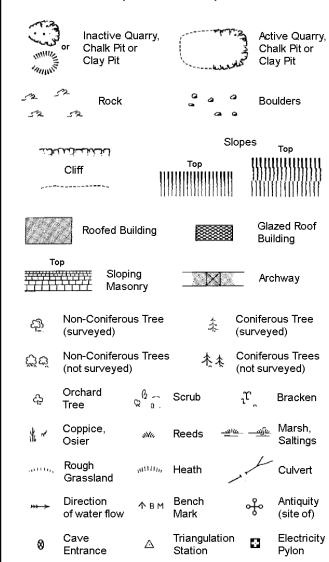
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			SI	opes	Tan
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(	Cliff	111		111111	1111111111111
523	Rock		22	Rock (s	cattered)
$\triangle_{a}$	Boulders		<i>△</i>	Boulder	rs (scattered)
$\triangle$	Positioned	Boulder		Scree	
ফ্র	Non-Conif (surveyed	erous Tree )	*	Conifer (survey	rous Tree red)
Çç	Non-Conif (not surve	erous Trees yed)	* **		rous Trees ∵eyed)
දා	Orchard Tree	© a.	Scrub	¹ u	Bracken
* ~	Coppice, Osier	siste,	Reeds =	গালে <i>স্</i> সীন	Marsh, Saltings
with,	Rough Grassland	$u_{111111}$	Heath	1	Culvert
<b>&gt;&gt;→</b>	Direction of water flo	Δ ow	Triangulation Station	n 🔆	Antiquity (site of)
E_TL	_ Electric	ity Transmi	ssion Line	$\boxtimes$	Electricity Pylon
K BM	231.60m E	Bench Mark			ngs with ng Seed
	Roofe	ed Building		99	ilazed Roof uilding
		Civil narish	/community b	ooundary	,
		District bo	-	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•
_			-		
_ •		County bo	<del>-</del>		
٥		Boundary p			
٥			mereing symb bear in oppos		
Bks	Barracks		Р	Pillar, P	ole or Post
Bty	Battery		PO	Post Of	fice
Cemy	Cemetery		PC	Public (	Convenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumpin	g Station
Dismtd R	ly Disman	tled Railway	PW	Place of	fWorship
El Gen S	ta Electric Station	ity Generating	Sewage F		Sewage Pumping Station
EIP	Electricity	Pole, Pillar	SB, S Br		3ox or Bridge
	ta Electricity		SP, SL	_	Post or Light
FB	Filter Bed		Spr	Spring	· <del>- · · · · ·</del>

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

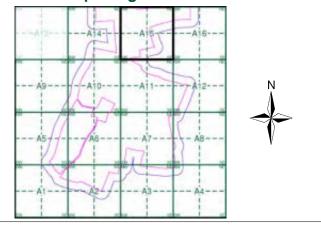
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975 - 1976	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A15**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

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

247.84

**Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

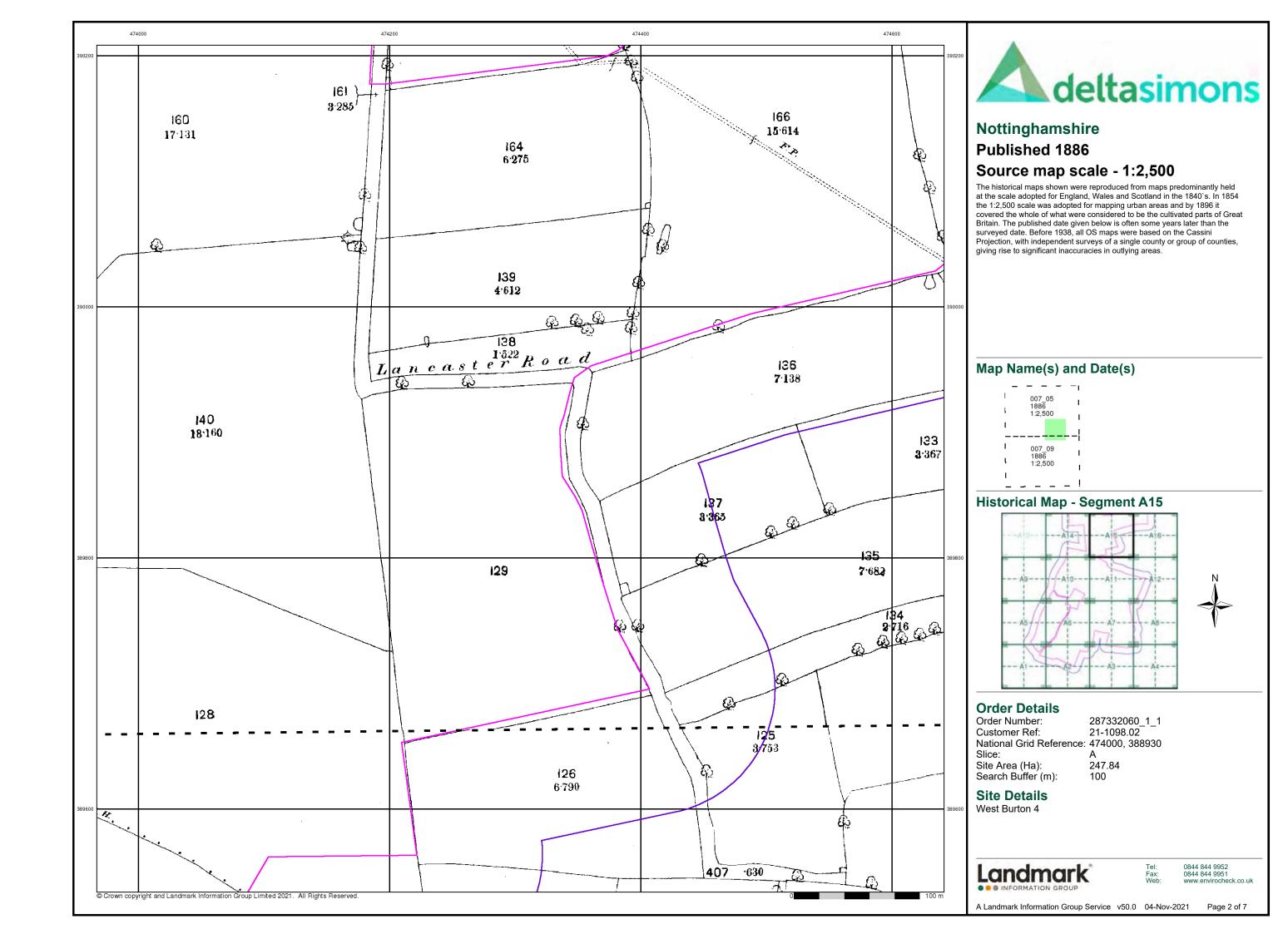
Wd Pp

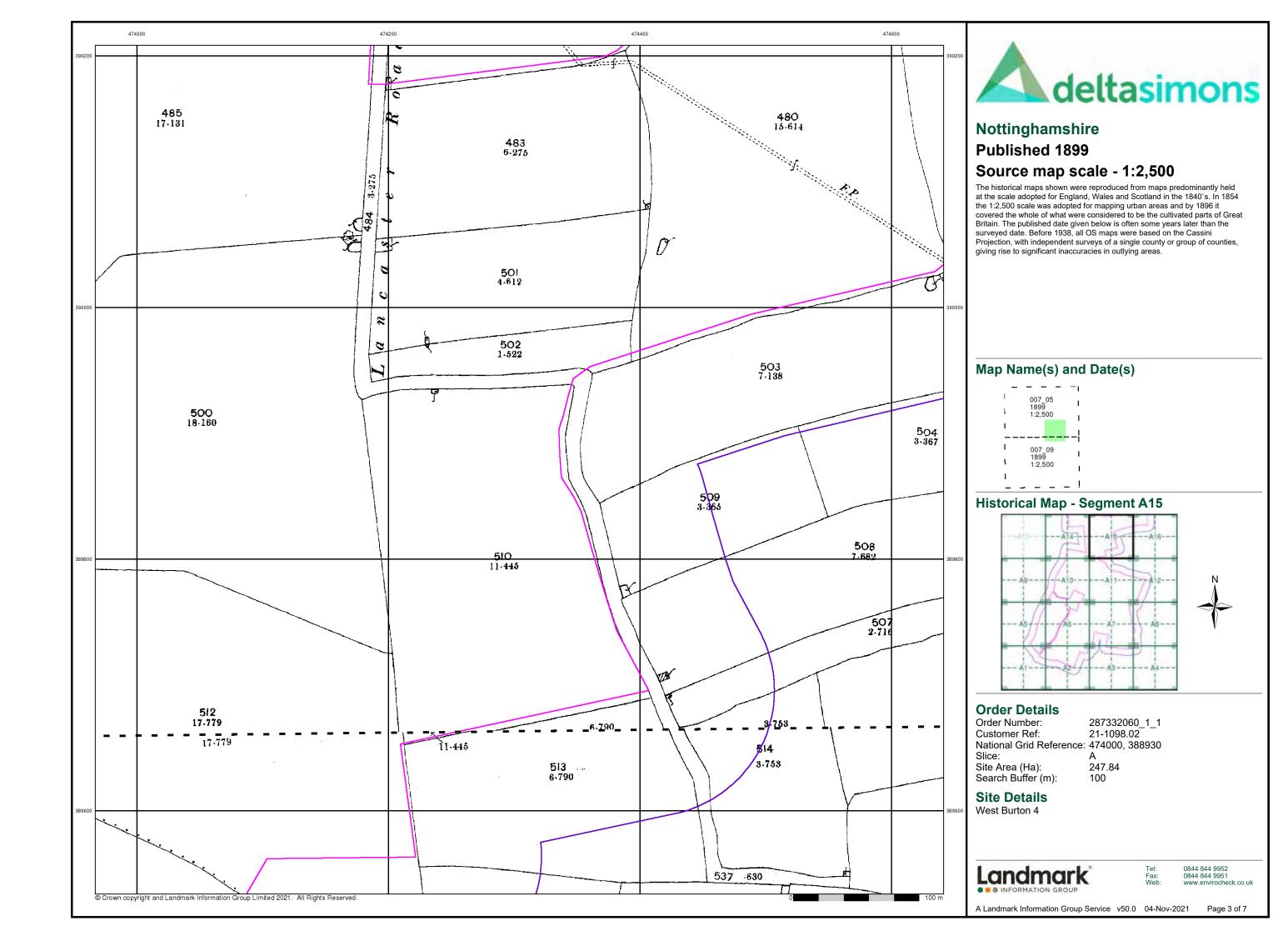
Wks

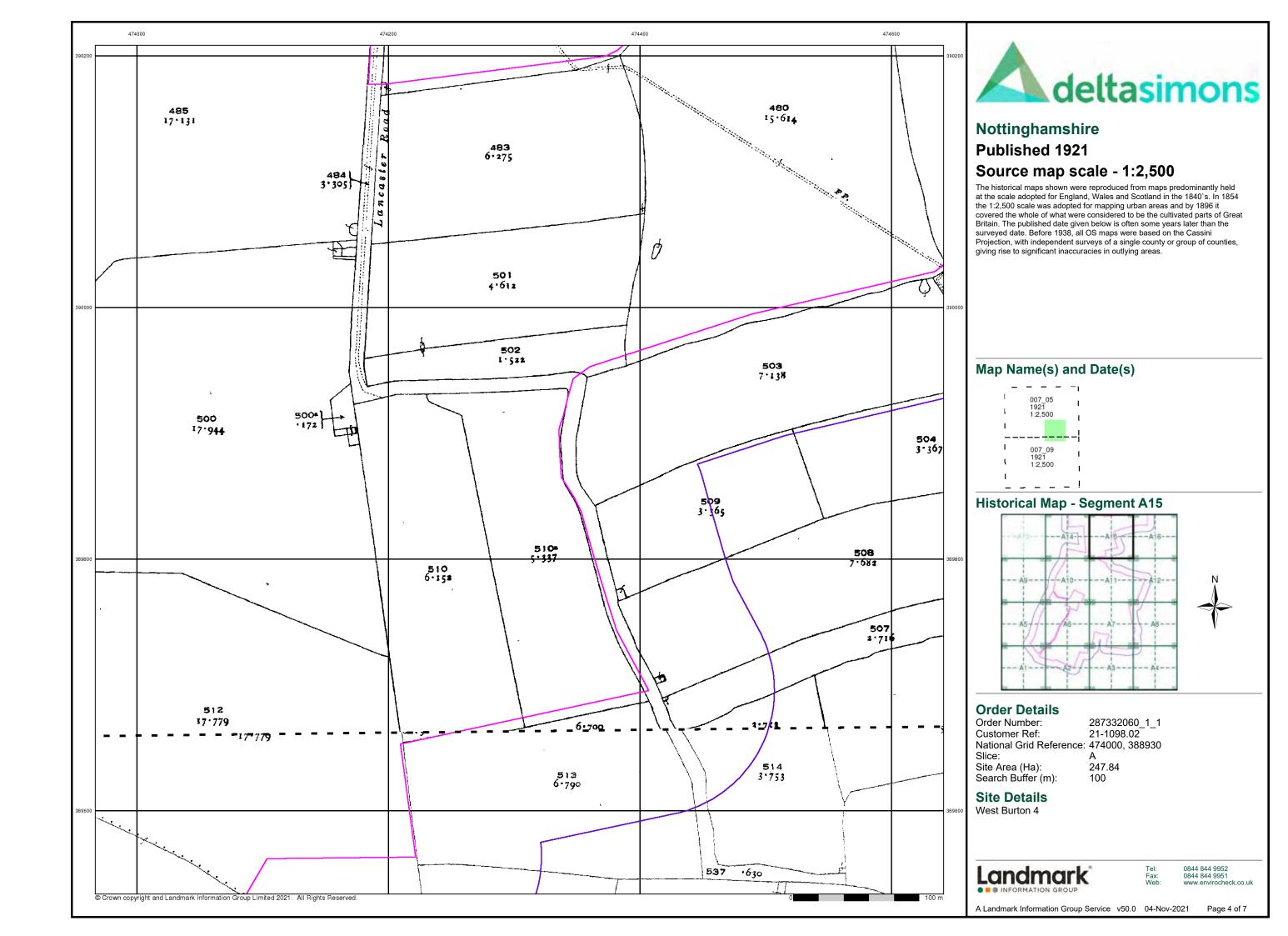
Landmark

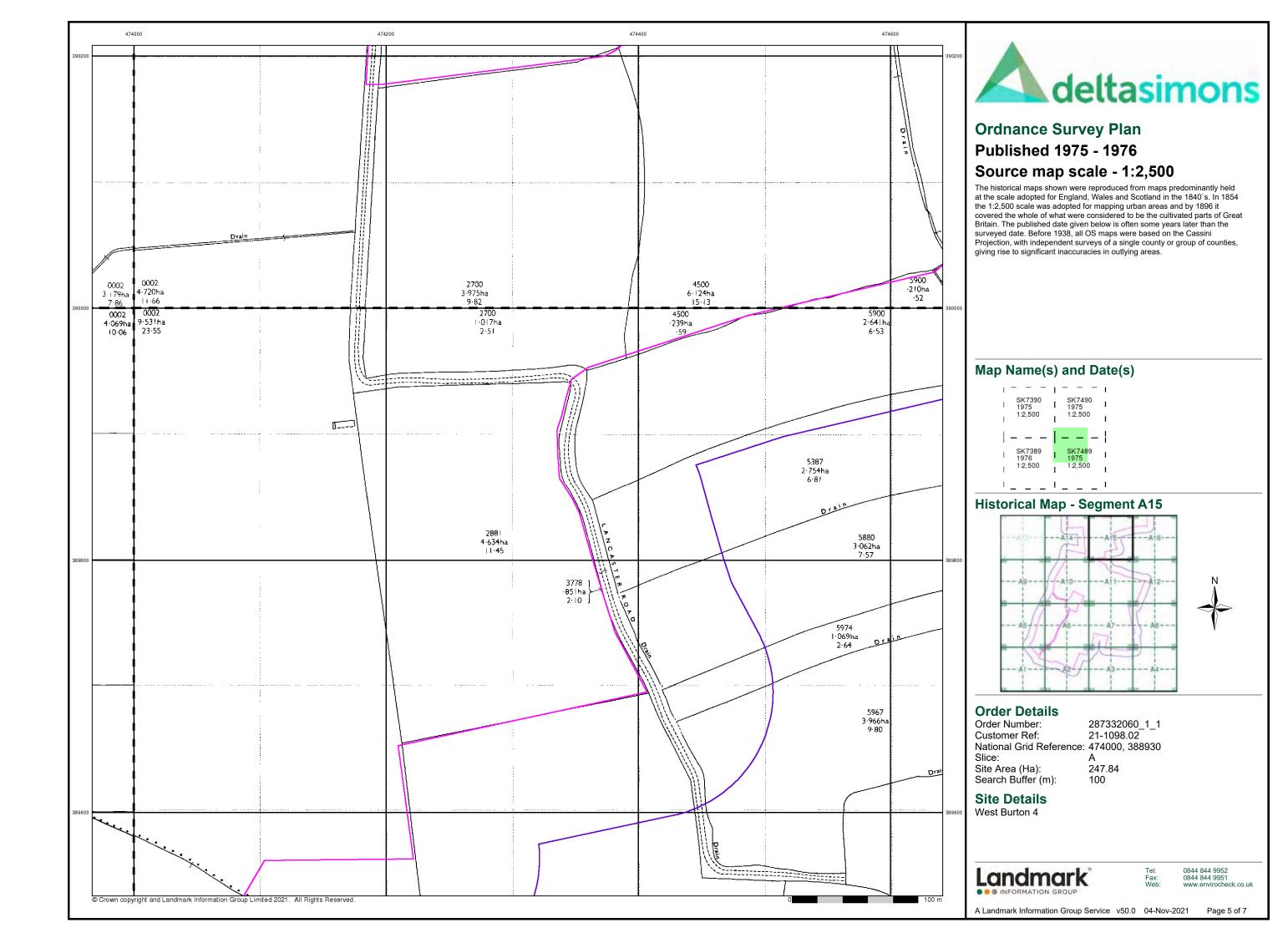
0844 844 9952 0844 844 9951

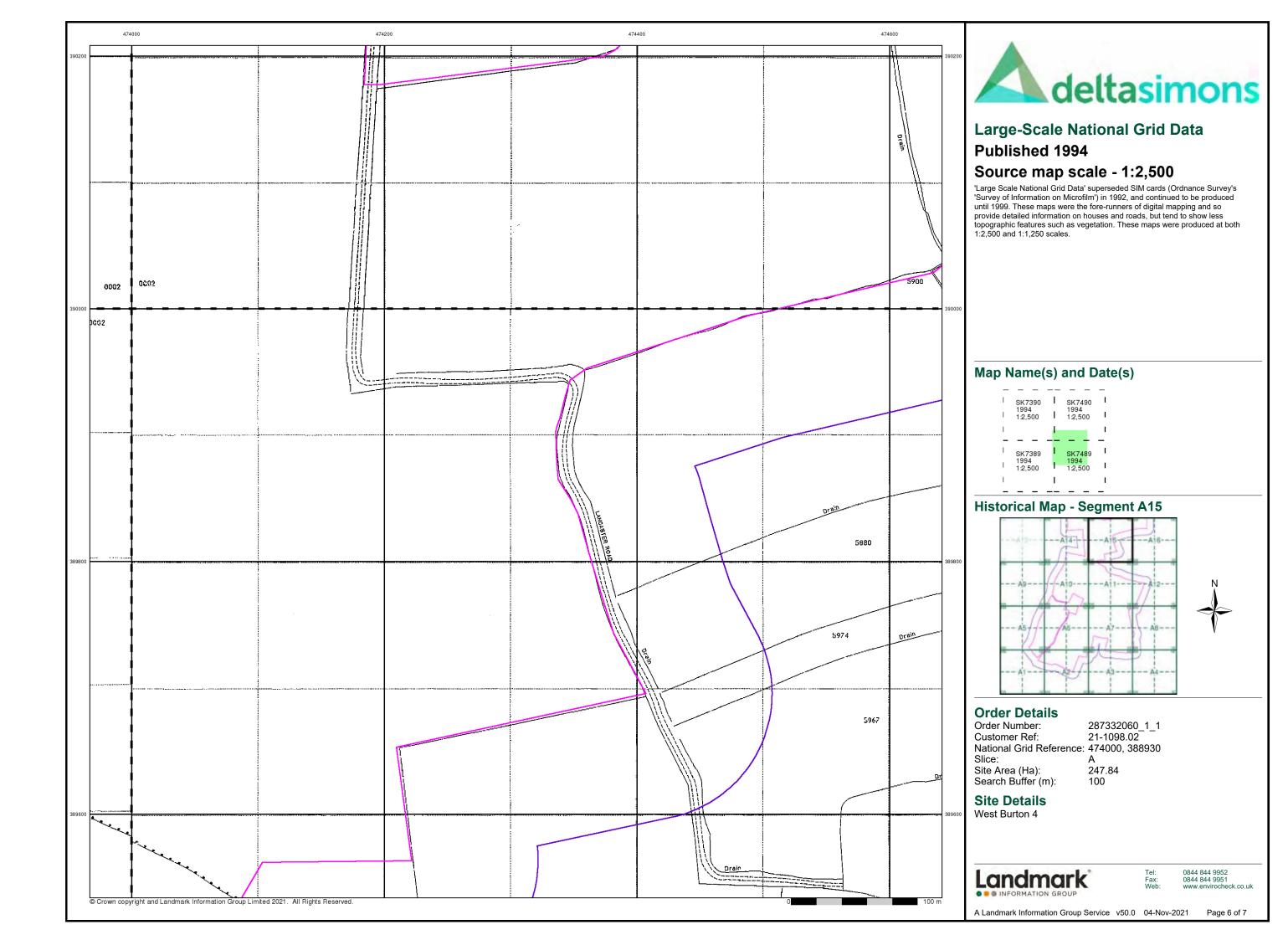
Page 1 of 7









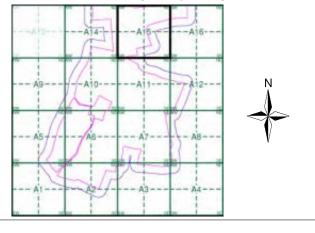






This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

#### **Historical Aerial Photography - Segment A15**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

Site Area (Ha): Search Buffer (m): 247.84

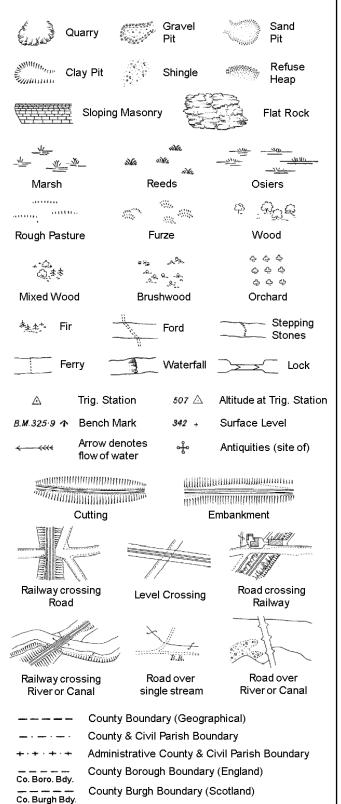
**Site Details** 

West Burton 4

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

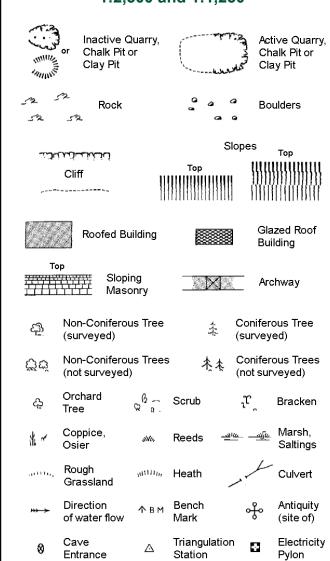
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



### **Electricity Transmission Line** County Boundary (Geographical)

County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

Slopes Top					
	Cliff	1111111	Тор	111111111111111111111111111111111111111	
,					
32 32	Rock		w	Rock (scattered)	
$\triangle_{a}$	Boulders		<i>©</i>	Boulders (scattered)	
	Positioned	Boulder		Scree	
<u>ක</u>	Non-Conif (surveyed	erous Tree )	*	Coniferous Tree (surveyed)	
Öö	Non-Conif (not sur∨e	erous Trees yed)	春春	Coniferous Trees (not surveyed)	
දා	Orchard Tree	Q a. S	crub	າ ^ຕ ຸ Bracken	
* ~	Coppice, Osier	ŵk, R	eeds 🛥	u <u>க அம</u> Marsh, Saltings	
aiitti,	Rough Grassland	_{antina} H	eath	Culvert	
<del>››&gt; ≻</del>	Direction of water flo		riangulatior tation	Antiquity (site of)	
_ E T L	Electric	ity Transmissi	on Line	⊠ Electricity Pylon	
/ <del>k</del> / вм	231.60m E	Bench Mark		Buildings with Building Seed	
	Roofe	ed Building		Glazed Roof Building	
		Civil parish/co	ommunity b	ooundary	
		District bound	=	-	
_ •		County bound	dary		
٥		Boundary pos	st/stone		
مر		-		ool (note: these ed pairs or groups	
Bks	Barracks		Р	Pillar, Pole or Post	
Bty	Battery		PO	Post Office	
Cemy	Cemetery		PC	Public Convenience	
Chy Cis	Chimney Cistern		Pp Ppg Sta	Pump Pumping Station	
Dismtd R		tled Railway	Ppg Sta PW	Place of Worship	
El Gen St	•	ity Generating	Sewage P		
EIP		Pole, Pillar	SB, S Br	Signal Box or Bridge	
El Sub St	a Electricity		SP, SL	Signal Post or Light	
FB	Filter Bed		Spr	Spring	

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

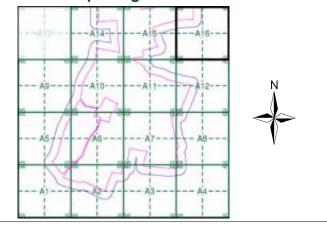
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment A16**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474000, 388930 Slice:

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

247.84

**Site Details** West Burton 4

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

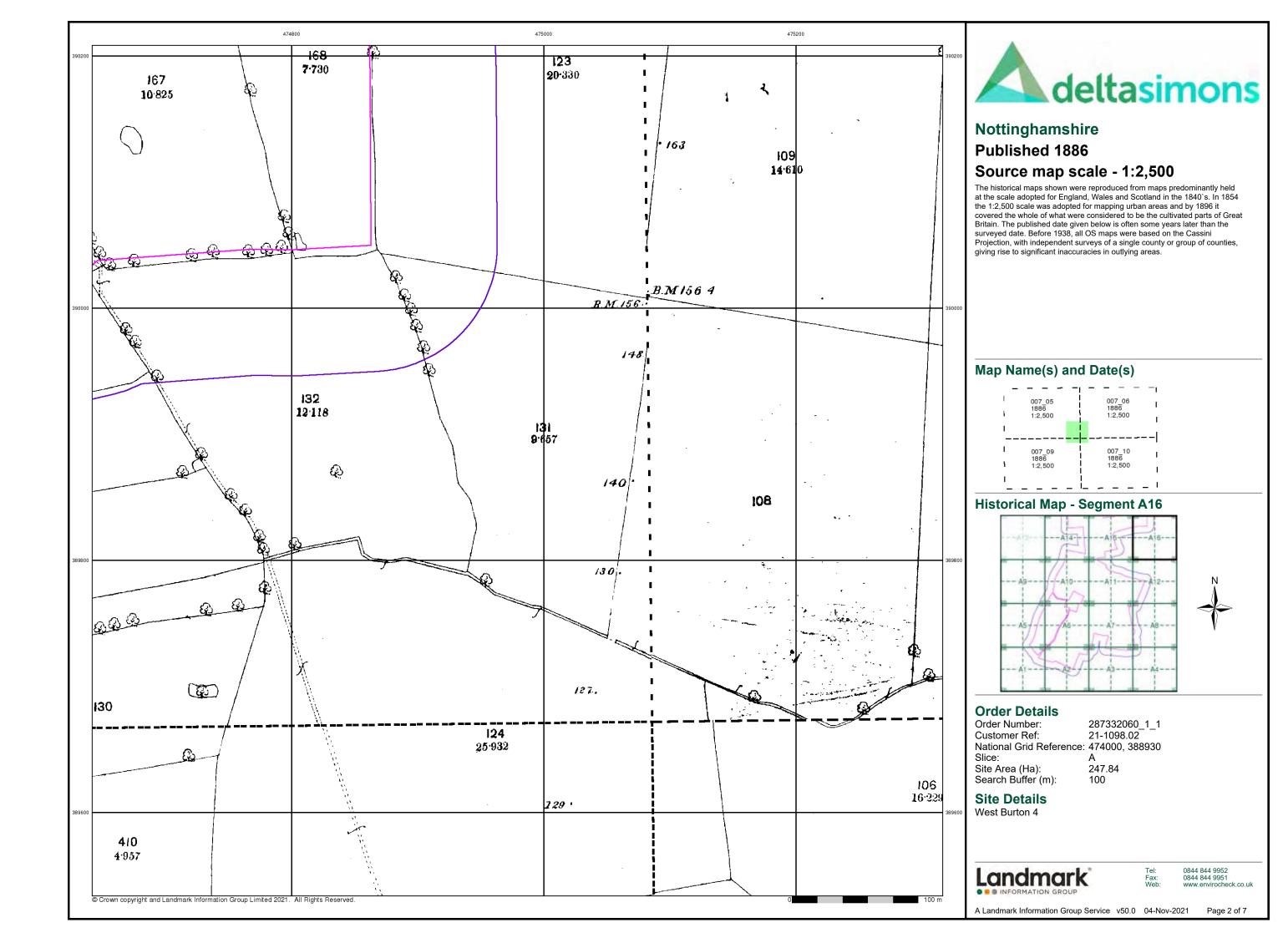
Wd Pp

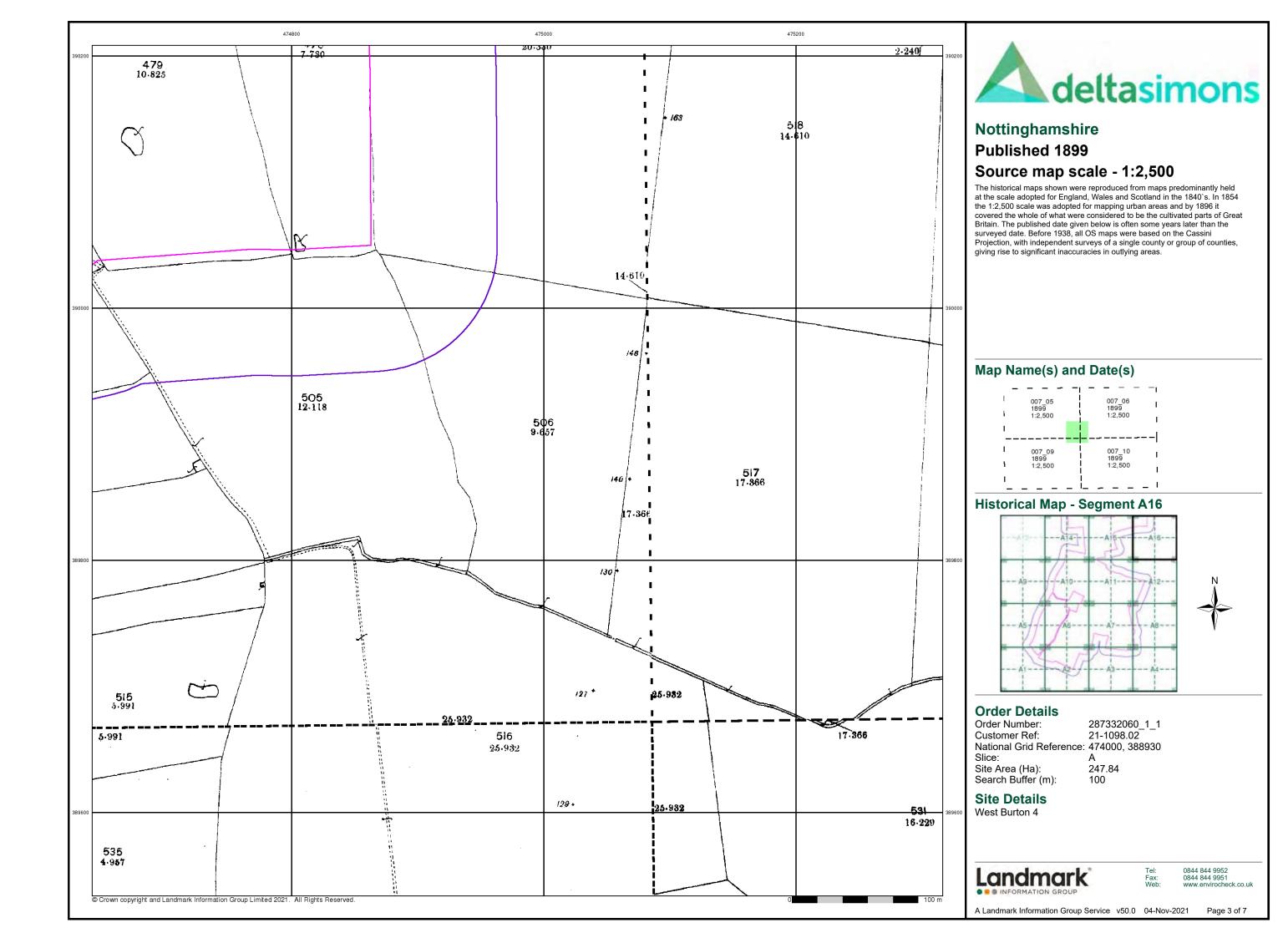
Wks

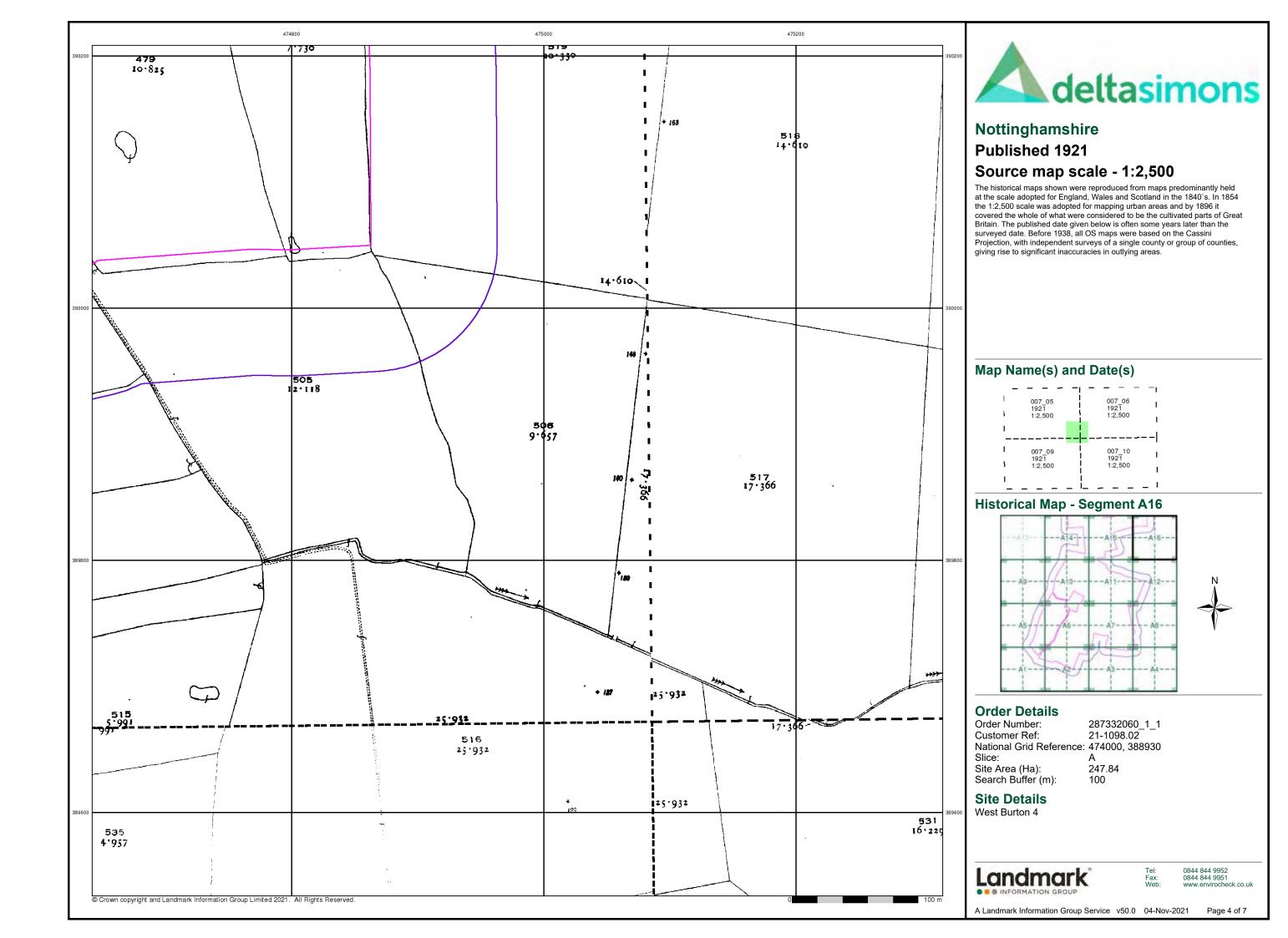
Landmark

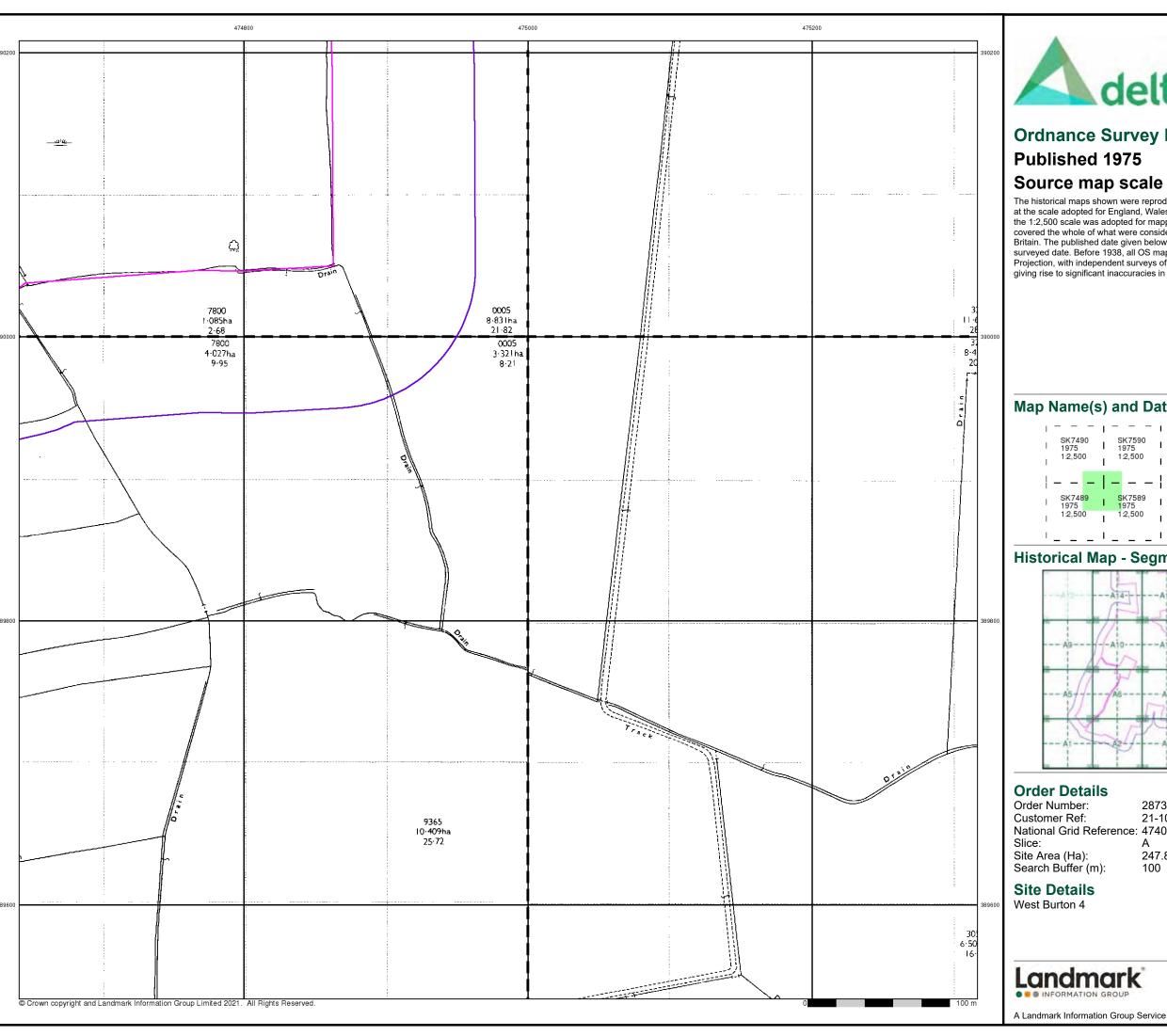
0844 844 9952 0844 844 9951

Page 1 of 7











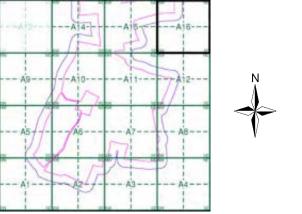
# **Ordnance Survey Plan** Published 1975 Source map scale - 1:2,500

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 surveyes of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

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

I	_	_	_	ı	_		- 1
ı	10	K759 975		ı	90	SK749 1975	1
ı	0	:2,500	1	I	0	1:2,50	1
l	_	_	_	Ī	_		
ı		K758 975	- 1	ī	39	SK748 1975	1
ı	D	:2,500	1	I	0	1:2,50	1
ī				ī			- 1

#### **Historical Map - Segment A16**

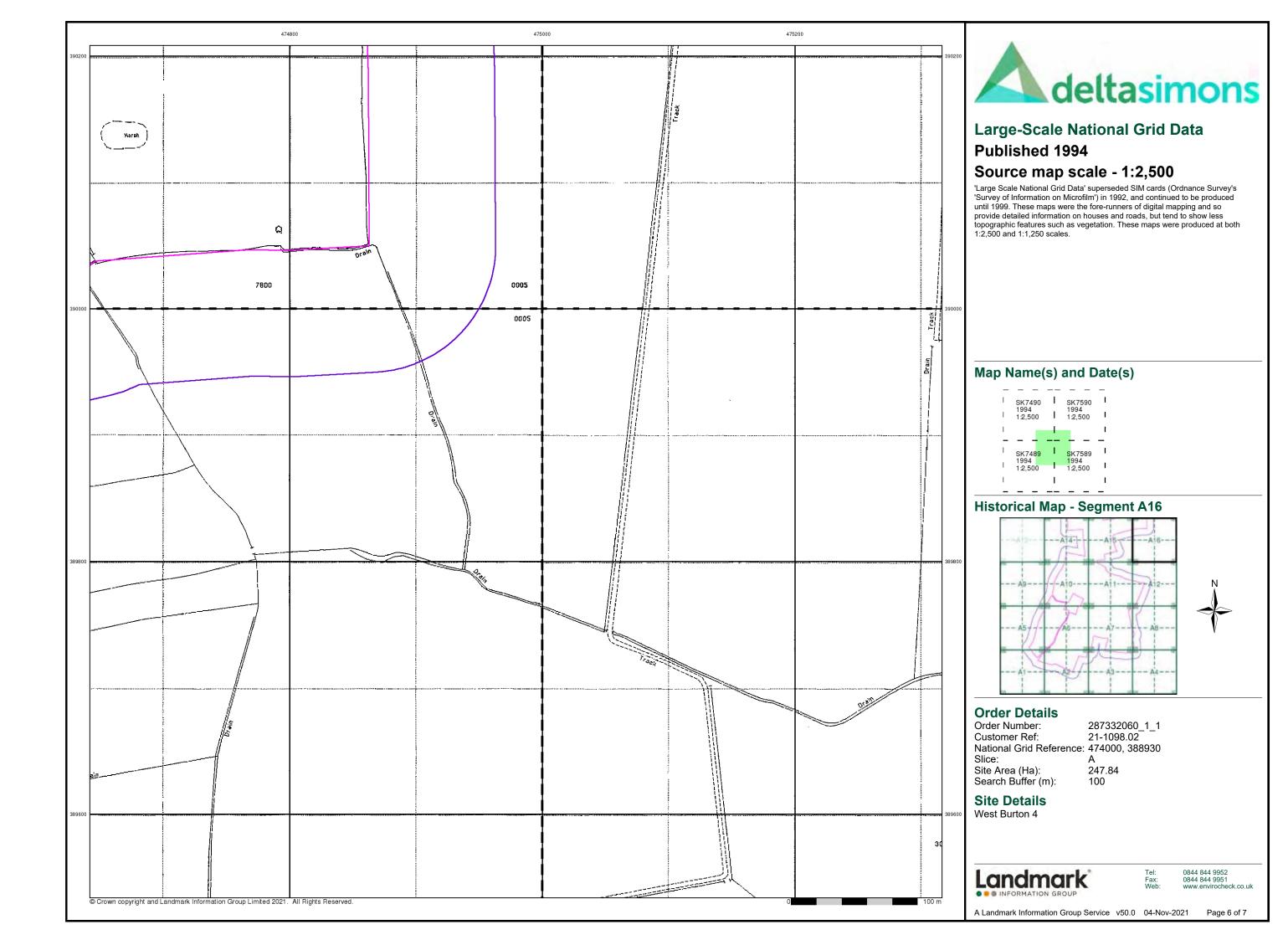


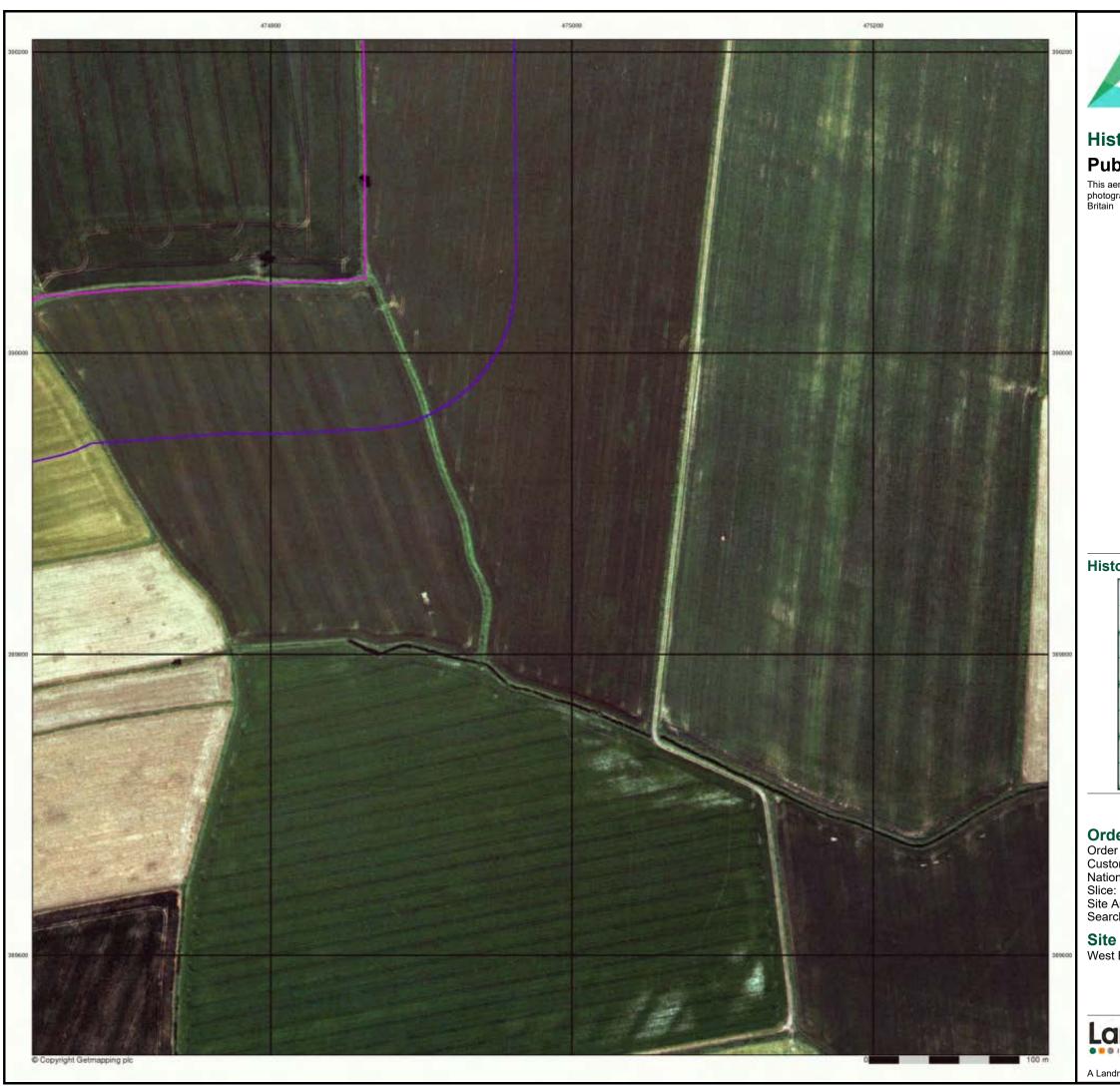
287332060_1_1 21-1098.02 National Grid Reference: 474000, 388930

247.84



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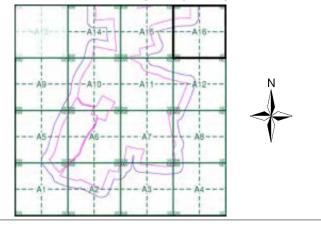




## **Historical Aerial Photography** Published 1999

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 A16**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474000, 388930

Site Area (Ha): Search Buffer (m): 247.84

## **Site Details**

West Burton 4

Landmark*

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#### Gravel Pit Other Orchard Mixed Wood Brushwood Deciduous Furze Rough Pasture Arrow denotes Trigonometrical flow of water Station Site of Antiquities Bench Mark Pump, Guide Post, Well, Spring, Signal Post Boundary Post ·285 Surface Level Sketched Instrumental Contour Contour Fenced Main Roads Minor Roads Un-Fenced Raised Road Sunken Road Railway over Road over Railway Ri∨er Railway over Level Crossing Road Road over Road over Road over County Boundary (Geographical) County & Civil Parish Boundary Administrative County & Civil Parish Boundary County Borough Boundary (England) Co. Boro. Bdy. County Burgh Boundary (Scotland) Co. Burgh Bdy. Rural District Boundary R.D. Bdy.

····· Civil Parish Boundary

**Ordnance Survey County Series 1:10,560** 

#### Ordnance Survey Plan 1:10,000

ولاستسام	Chalk Pit, Clay Pit or Quarry	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Gravel Pit				
	Sand Pit		、 Disused Pit ✓ or Quarry				
1:0:0:0:0	Refuse or Slag Heap		Lake, Loch or Pond				
	Dunes	0000	Boulders				
<b>* * /</b>	Coniferous Trees	$\triangle \triangle \triangle$	Non-Coniferous Trees				
ቀ ቀ	Orchard no_	Scrub	∖Ynv Coppice				
ਜ ਜ	Bracken WILLE	Heath '	、 , , , Rough Grassland				
<u> </u>	- MarshV///	Reeds	<u></u> Saltings				
	Dire Building	ction of Flow of V	Shingle				
	Glasshouse	<i>3</i> //	Sand				
*******	Sloping Masonry	Pylon — — — - Pole — — • — -	Electricity Transmission Line				
	Embankn	nent 	_ Standard Gauge Multiple Track				
Road''			Standard Gauge Single Track				
Under ———	Over Cros	sing Bridge	_ Siding, Tramway or Mineral Line				
			+ Narrow Gauge				
	Geographical Co	ounty					
	or County of Cit	-	_				
	Burgh or Distric						
	Borough, Burgh or County Constituency Shown only when not coincident with other boundaries						
	Civil Parish Shown alternately	when coincidence o	f boundaries occurs				
BP, BS Ch CH F E Sta	Boundary Post or Stone Church Club House Fire Engine Station	PO F	Police Station Post Office Public Convenience Public House				
FB -	Foot Bridge		Signal Box				
Fn	Fountain	Spr S	Spring				

TCB

TCP

**Guide Post** 

Mile Post

Mile Stone

Telephone Call Box

Telephone Call Post

### 1:10,000 Raster Mapping

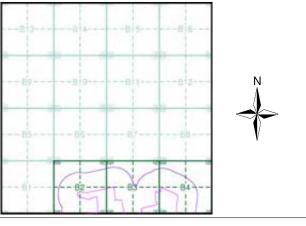
(EE)	Gravel Pit	OF THE	Refuse tip or slag heap
2 2 2 2	Rock	1 7	Rock (scattered)
	Boulders	e e e	Boulders (scattered)
	Shingle	Mud	Mud
Sand	Sand	(1111)	Sand Pit
mmm*	Slopes	ההרודורה ההבבבבה	Top of cliff
	General detail		Underground detail
	Overhead detail		Narrow gauge railway
	Multi-track railway		Single track railway
	County boundary (England only) District, Unitary,	•••••	Civil, parish or community boundary
	Metropolitan, London Borough boundary		Constituency boundary
۵۵ ≱\$	Area of wooded vegetation	مم مم	Non-coniferous trees
۵	Non-coniferous trees (scattered)	** **	Coniferous trees
*	Coniferous trees (scattered)	Q	Positioned tree
4	Orchard	y x	Coppice or Osiers
SATE.	Rough Grassland	cellities	Heath
On_	Scrub	a <u>N</u> tic	Marsh, Salt Marsh or Reeds
S	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)
е- ВМ 123.45 m	Bench mark (where shown)	Δ	Triangulation station
	Point feature (e.g. Guide Post or Mile Stone)	$\boxtimes$	Pylon, flare stack or lighting tower
•‡•	Site of (antiquity)		Glasshouse
	General Building		Important Building



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Yorkshire	1:10,560	1854	2
Nottinghamshire	1:10,560	1885	3
Nottinghamshire	1:10,560	1900	4
Nottinghamshire	1:10,560	1921 - 1922	5
Nottinghamshire	1:10,560	1948 - 1950	6
Ordnance Survey Plan	1:10,000	1956	7
Ordnance Survey Plan	1:10,000	1982 - 1983	8
10K Raster Mapping	1:10,000	2000	9
10K Raster Mapping	1:10,000	2006	10
VectorMap Local	1:10,000	2021	11

### **Historical Map - Slice B**



#### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474230, 390470 Slice:

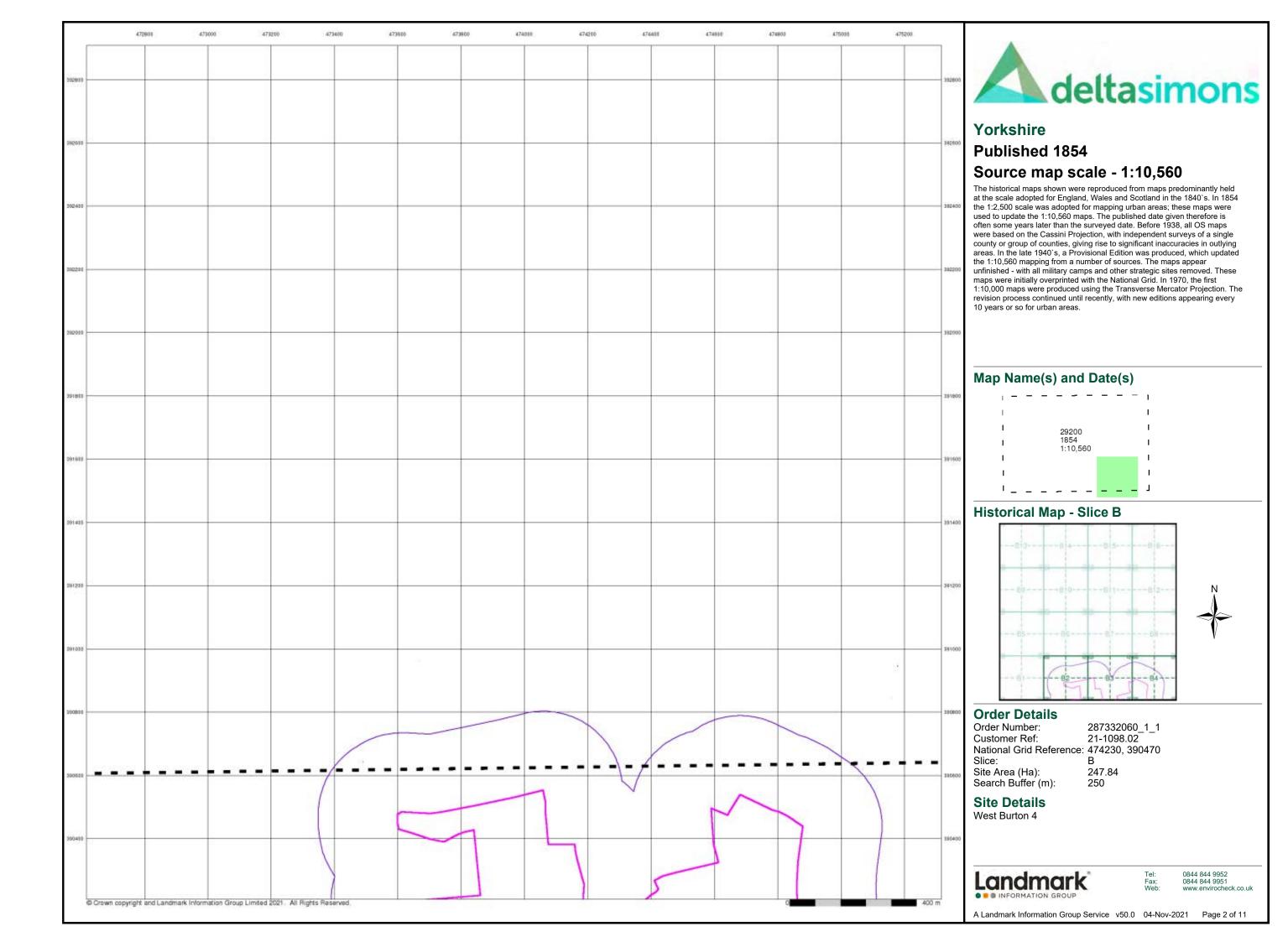
Site Area (Ha): 247.84 Search Buffer (m): 250

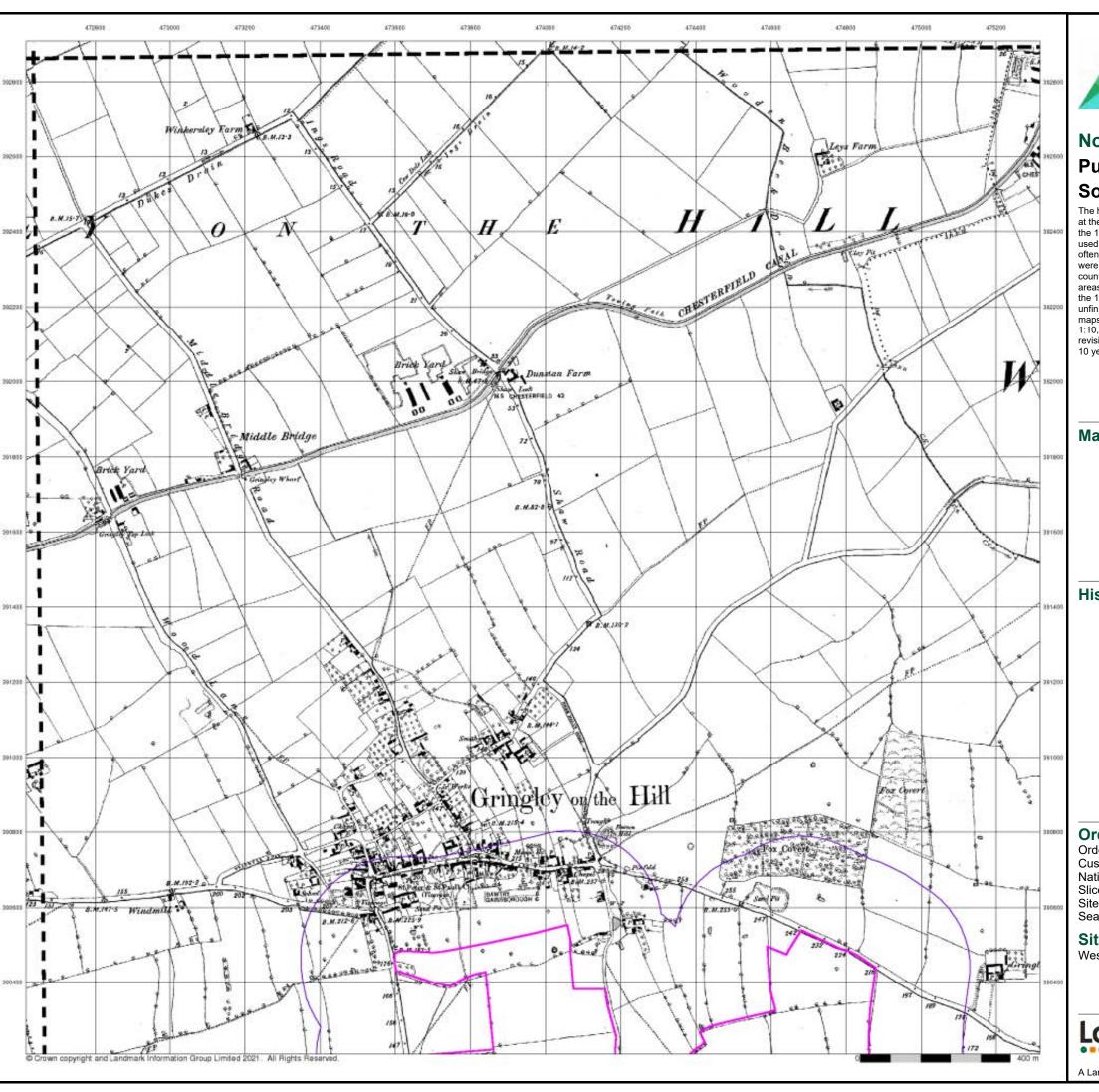
#### **Site Details** West Burton 4

Landmark

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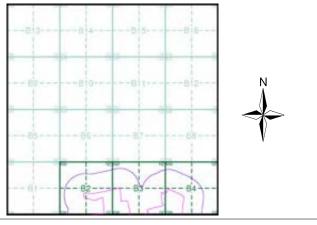
# **Nottinghamshire** Published 1885 Source map scale - 1:10,560

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)

_		ı <b>– –</b> – – _I
 	003SE 1885 1:10,560	004S <b>W</b> 1885 1:10,560
ı		 
I	006NE	007NW
1	1885 1:10,560	1885 1:10,560
1		

#### **Historical Map - Slice B**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474230, 390470 Slice:

Site Area (Ha): Search Buffer (m): 247.84

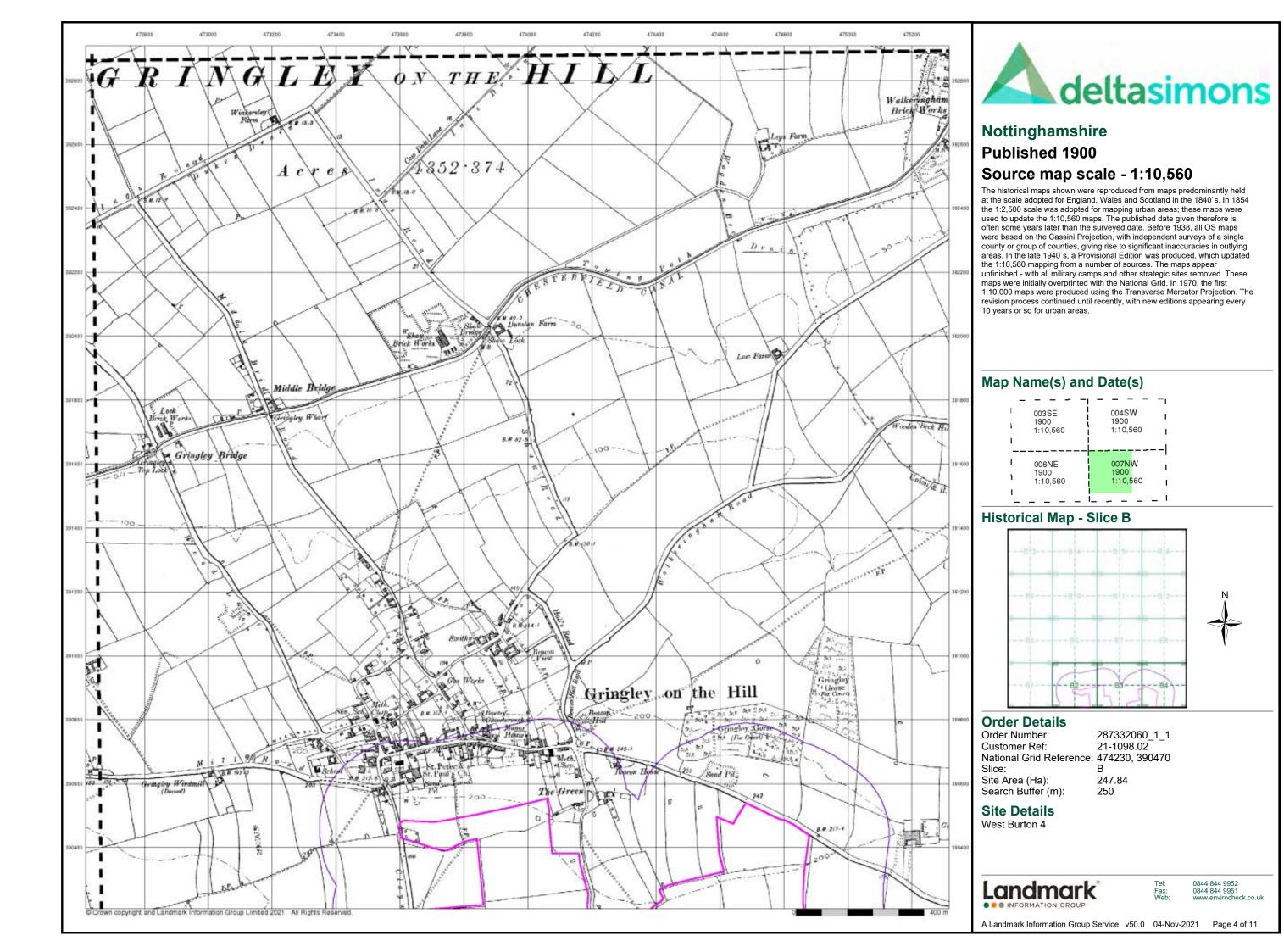
## **Site Details**

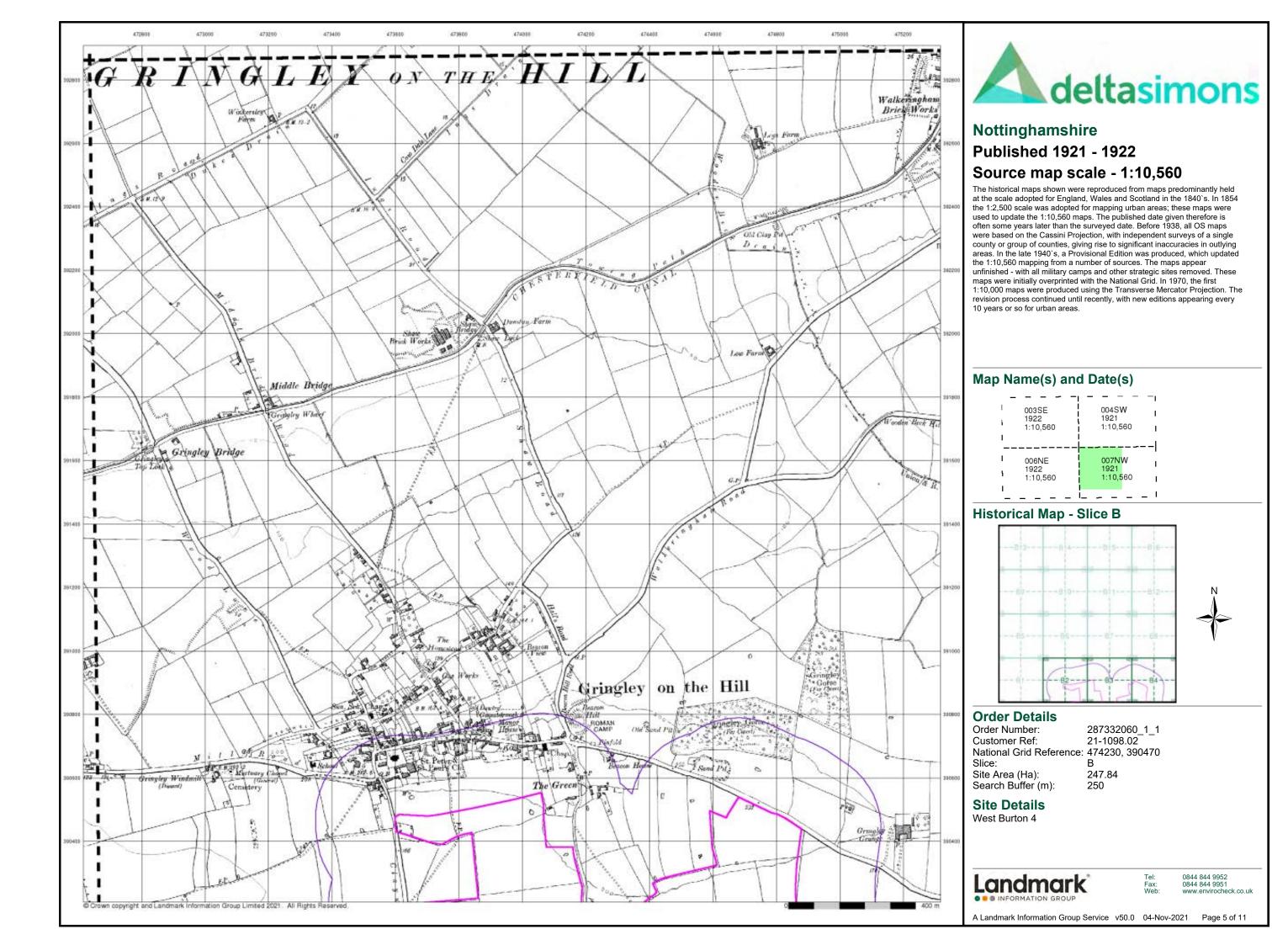
West Burton 4

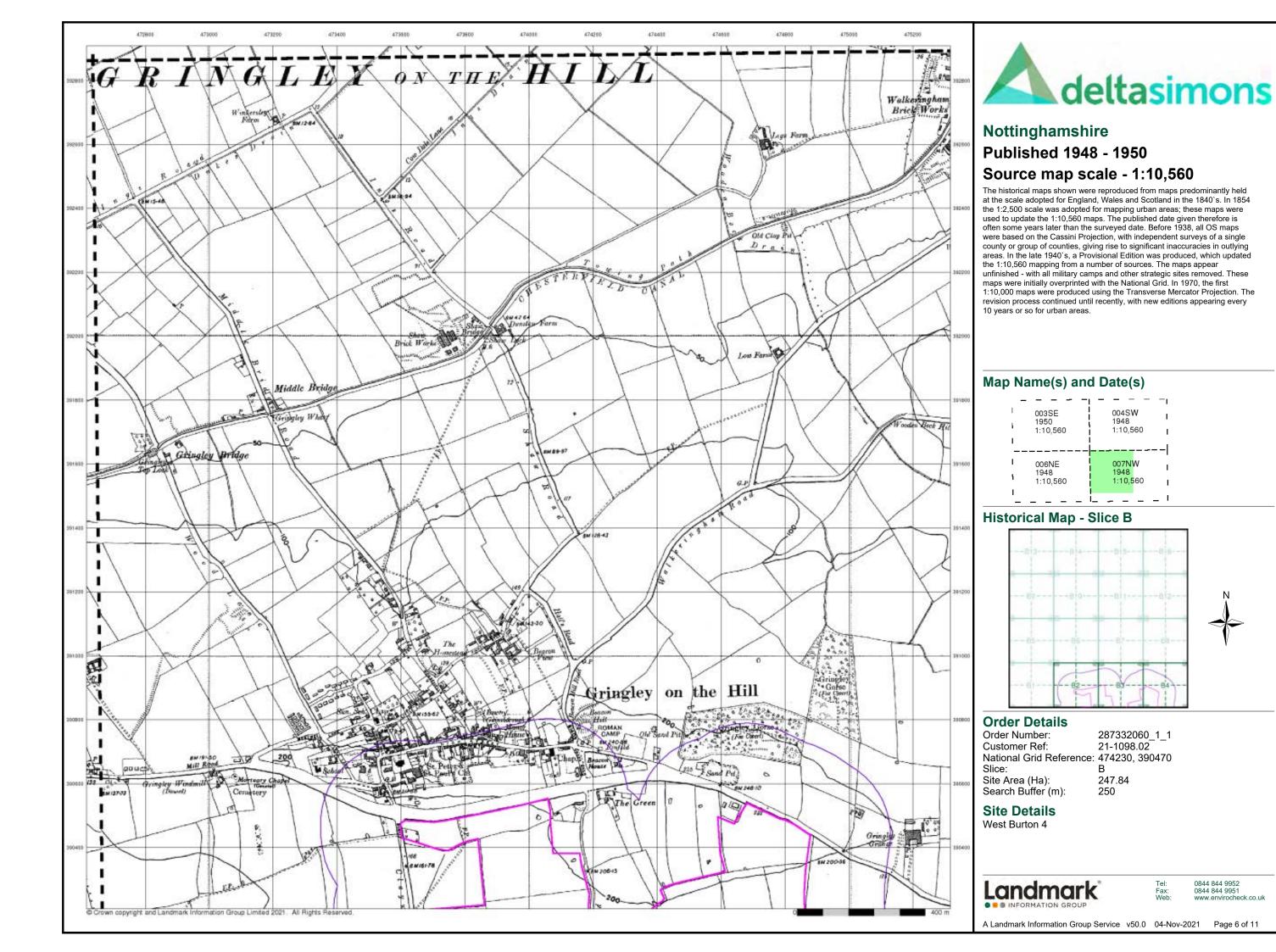
Landmark

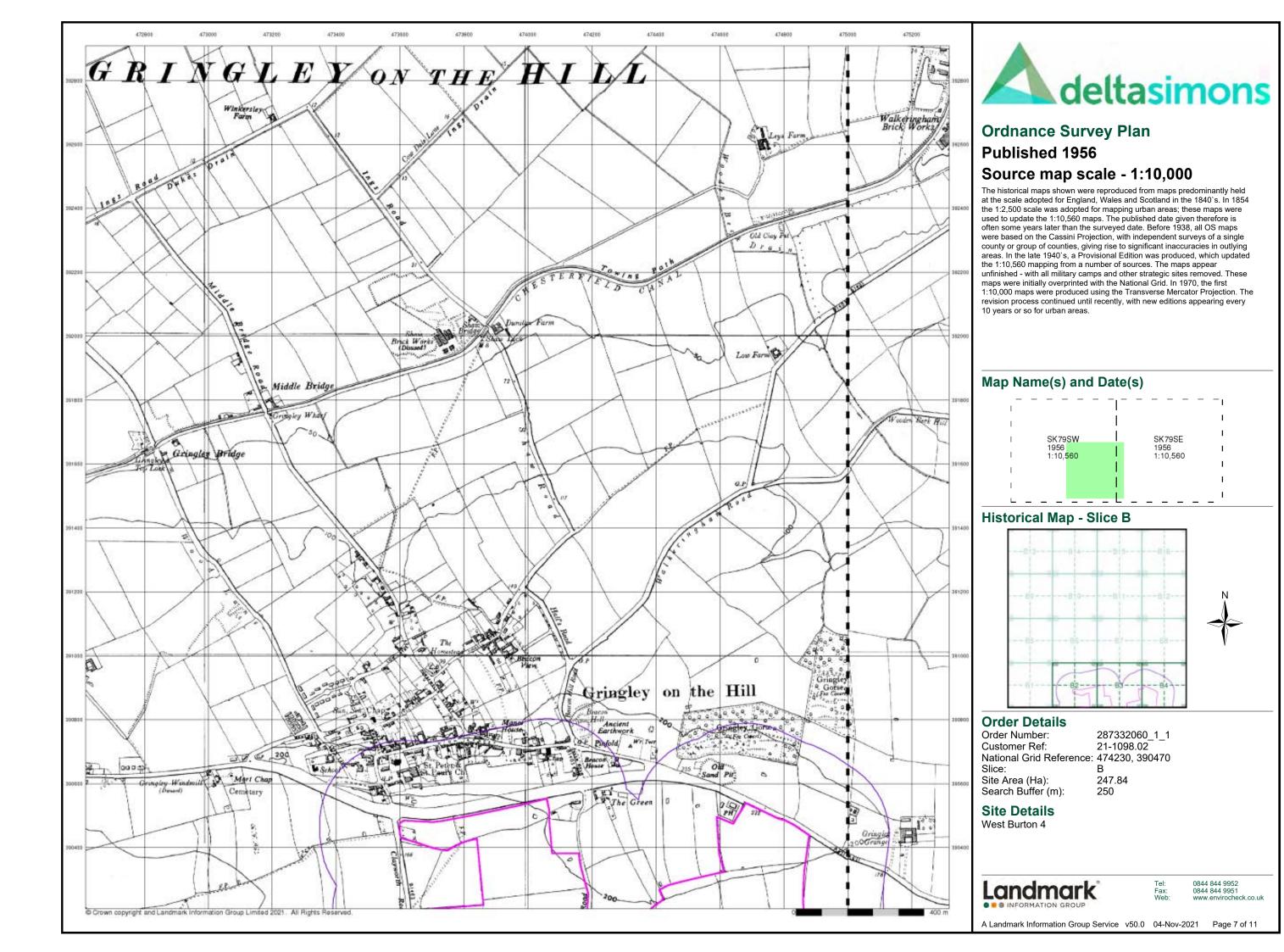
0844 844 9951 www.enviroche

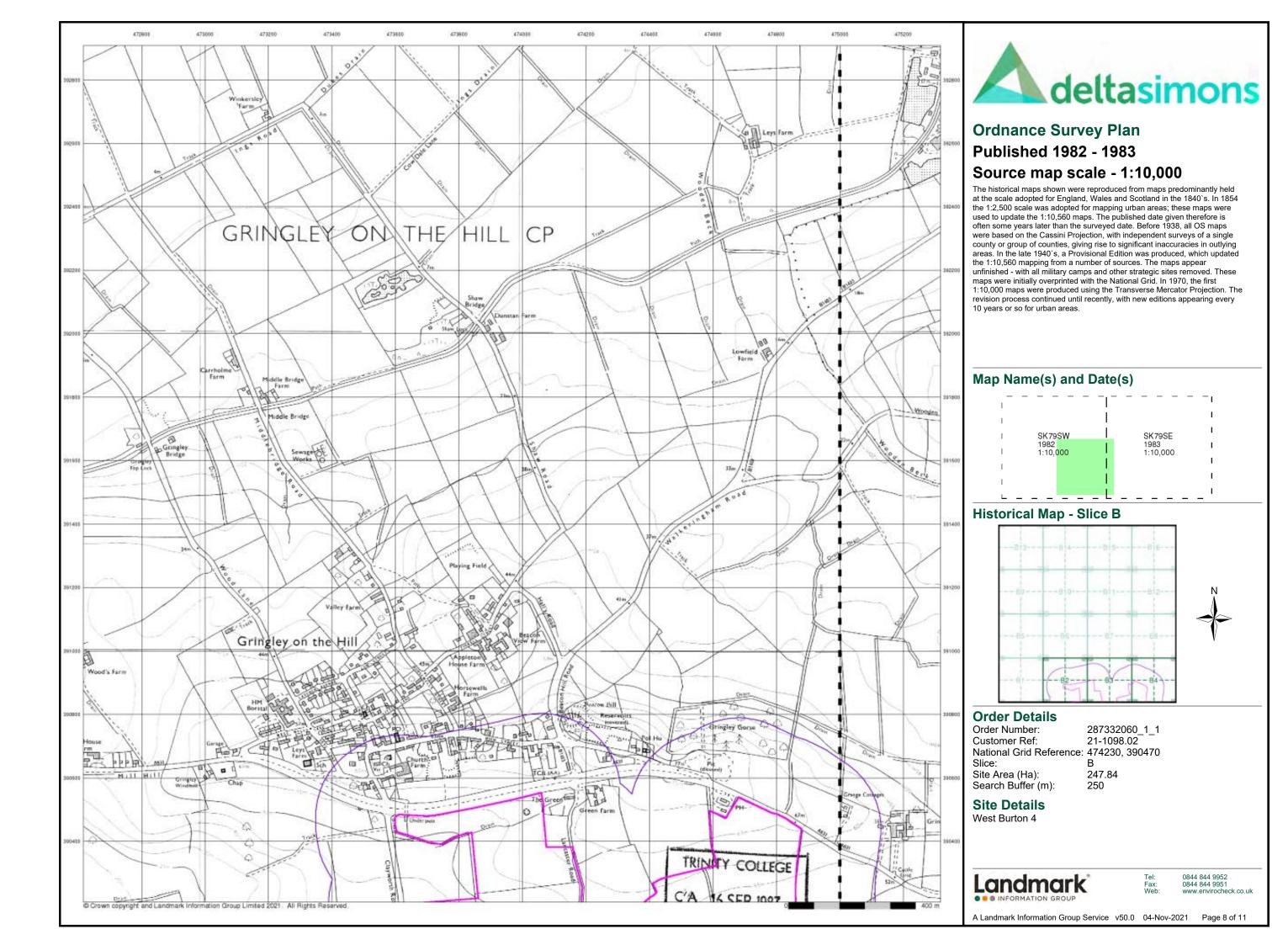
A Landmark Information Group Service v50.0 04-Nov-2021 Page 3 of 11

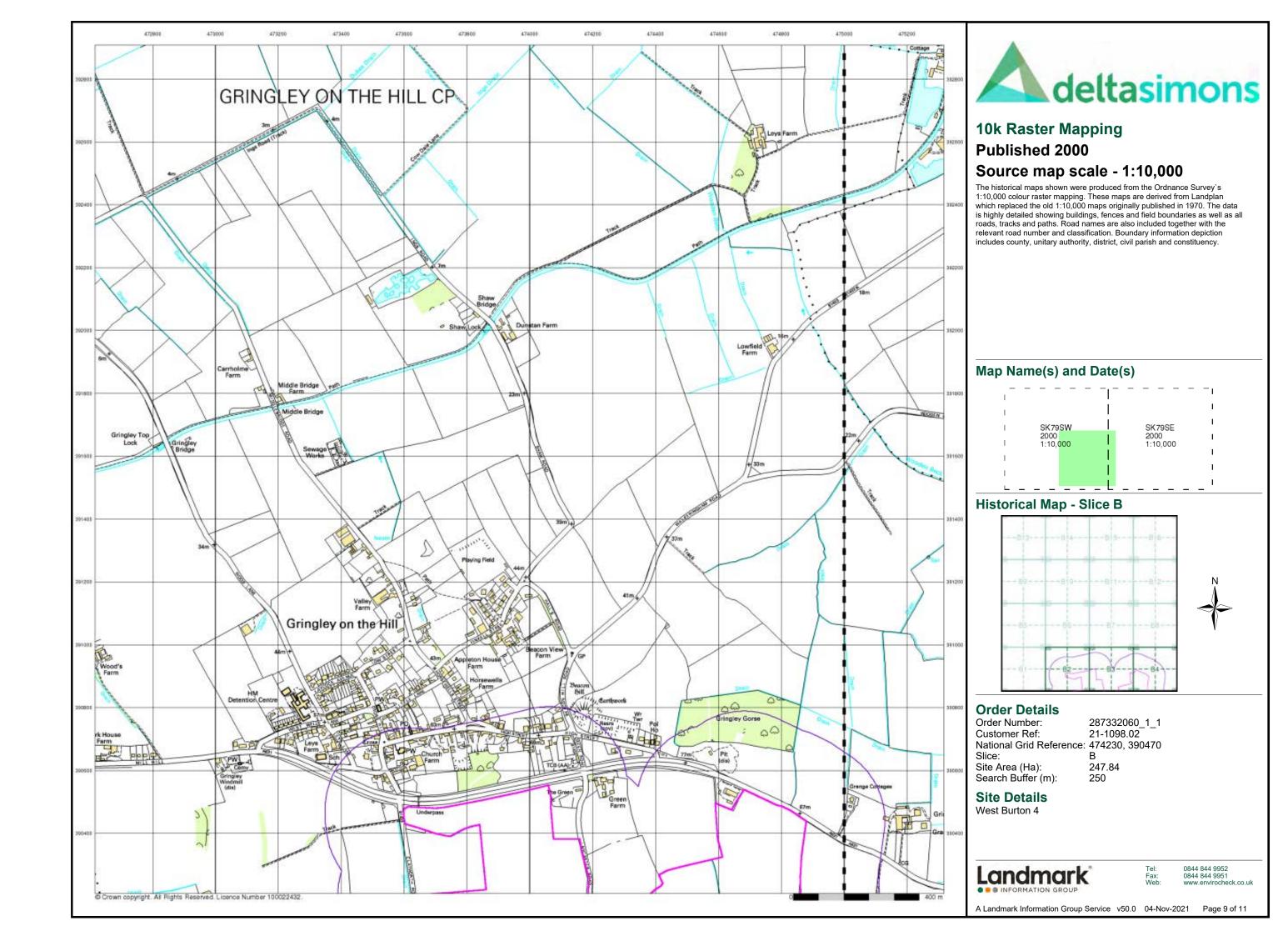


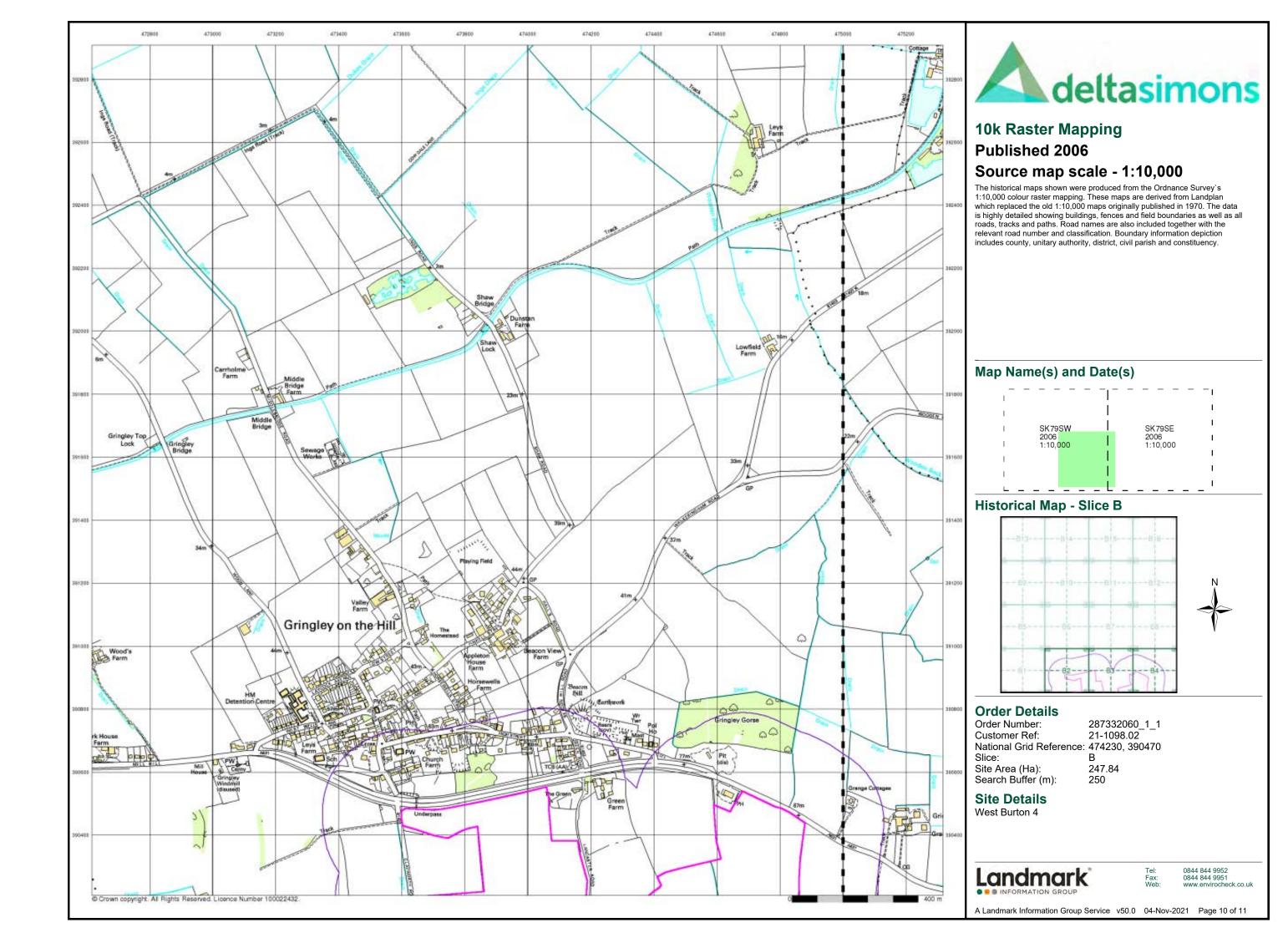


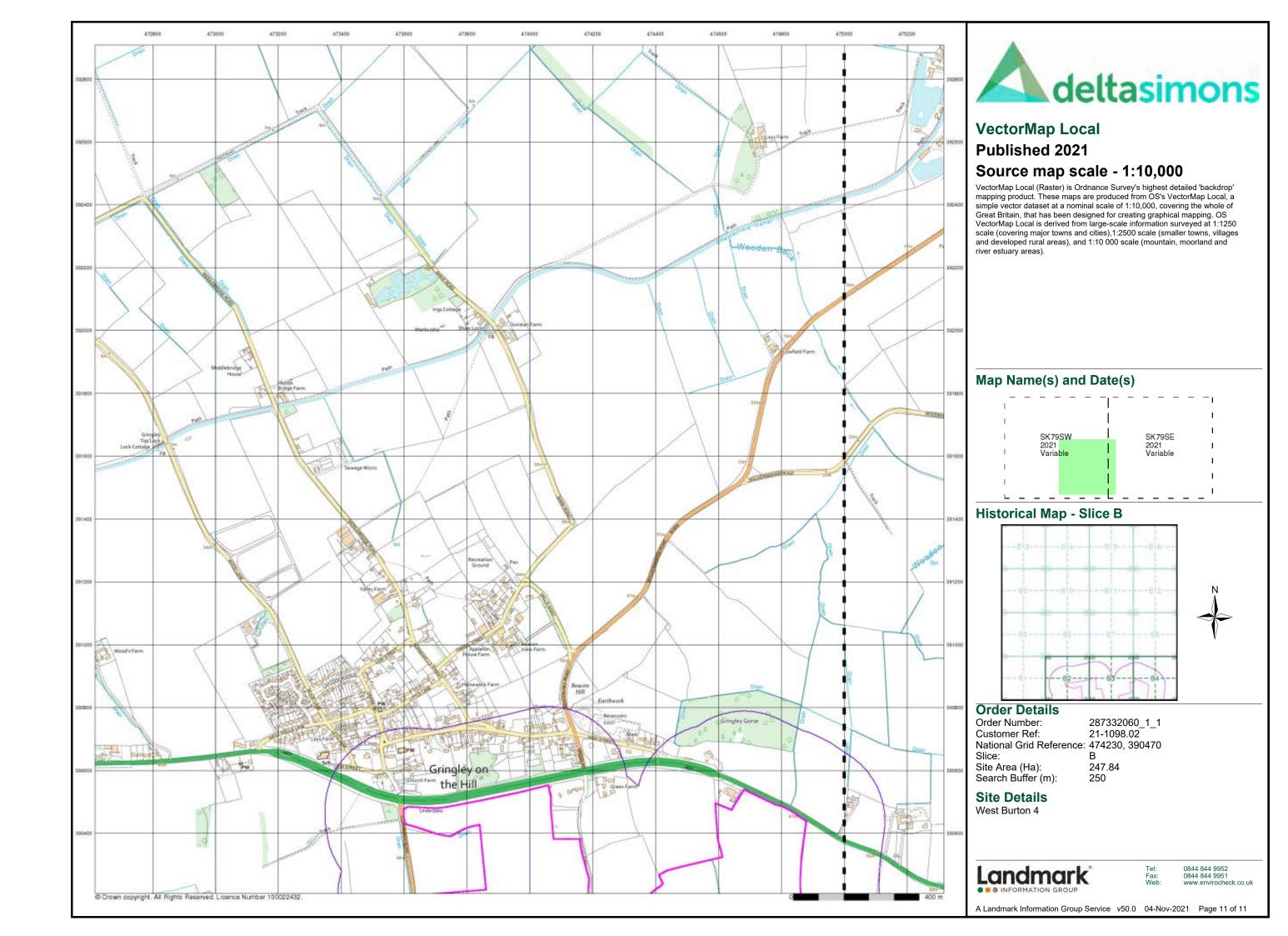




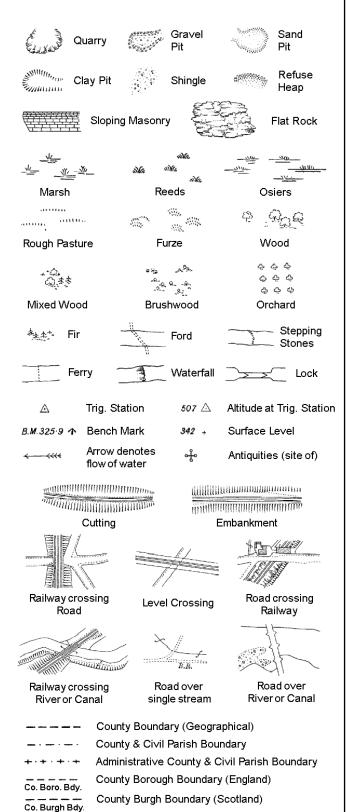








#### **Ordnance Survey County Series and Ordnance Survey Plan 1:2,500**



B.R.

EP

F.B.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough

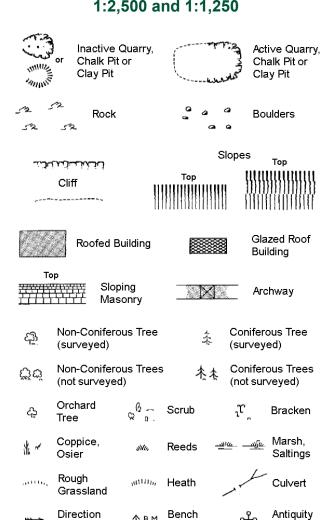
Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



E <u>TL</u>	Electricity Transmission Lir	ìе
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of water flow

Cave

	County Boundary (Geographical)
	County & Civil Parish Boundary
	Civil Parish Boundary
· <del></del> · ·	Admin. County or County Bor. Boundary
L B Bdy	London Borough Boundary
22	Symbol marking point where boundary mereing changes

Triangulation

(site of)

Electricity

Ŧ.

,			
вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

***************************************			Slopes Top				
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,							
523	Rock		2,3	Rock (se	cattered)		
$\Box_{a}$	Boulders		₽	Boulder	s (scattered)		
$\Box$	Positioned I	Boulder		Scree			
<u>දව</u>	Non-Conife (surveyed)	rous Tree	*	Conifero	ous Tree ed)		
ర్జుడ్	Non-Conife (not survey		* **	Conifero	ous Trees veyed)		
ද	Orchard Tree	æ å .	Scrub	າຕັ	Bracken		
* ~	Coppice, Osier	siHts,	Reeds 🛥	<u>ര —മിര</u>	Marsh, Saltings		
wille,	Rough Grassland	anna,	Heath	1	Culvert		
<b>»→</b>	Direction of water flo	w 🛆	Triangulation Station	, &	Antiquity (site of)		
E <u>T</u> L	_ Electricit	y Transmis	ssion Line	$\boxtimes$	Electricity Pylon		
Buildings with Building Seed							
	Roofed Building Glazed Roof Building						
	• • • • • Ci√il parish/community boundary						
		District bou	undary	_			
_ •		County boo	undary				
9		Boundary p	ost/stone				
			mereing symb	ol (note:	these		
,		always app of three)	ear in oppose	ed pairs o	or groups		
Bks	Barracks		Р		le or Post		
Bty	Battery		PO PO	Post Off			
Cemy Chy	Cemetery Chimney		PC Pp	Public C Pump	onvenience		
Cis	Cistern		гр Ppg Sta	Pumping	Station		
Dismtd F		ed Railway	PW	Place of			
El Gen S	-	y Generating	Sewage F		ewage umping Station		
EIP	Electricity P	ole, Pillar	SB, S Br		ox or Bridge		
El Sub S	ta Electricity S	ub Station	SP, SL	Signal P	ost or Light		
FB	Filter Bed		Spr	Spring			
Fn / D Fr	n Fountain / 🛭	rinking Ftn.	Tk	Tank or	Track		

Gas Valve Compound

Mile Post or Mile Stone

Gas Governer

**Guide Post** 

Manhole

Tr

Wd Pp

Wks

Trough

Wind Pump Wr Pt. Wr T Water Point, Water Tap

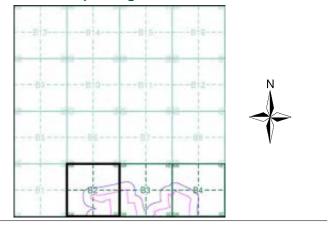
Works (building or area)



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

## **Historical Map - Segment B2**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474230, 390470 Slice:

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

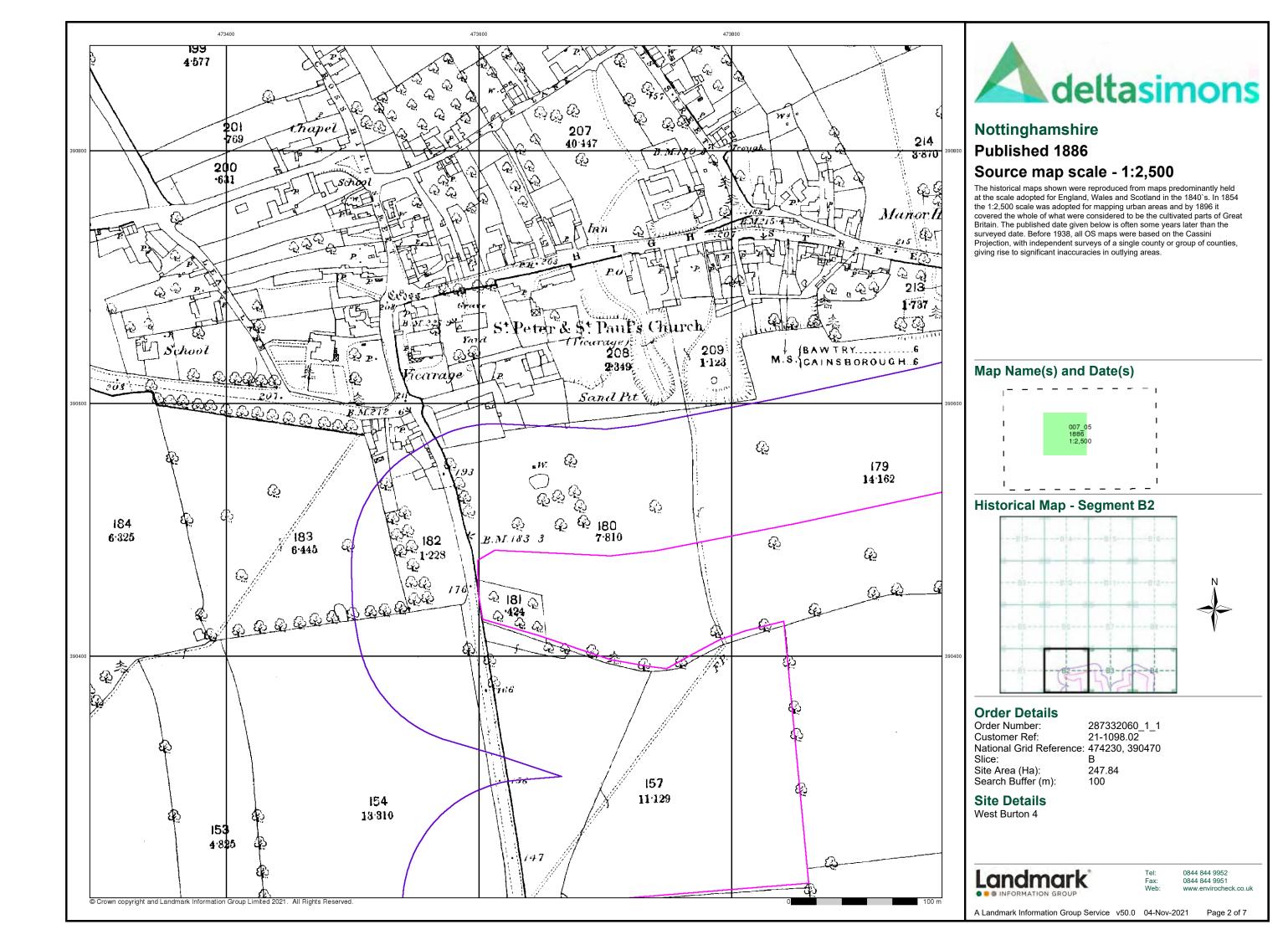
247.84 100

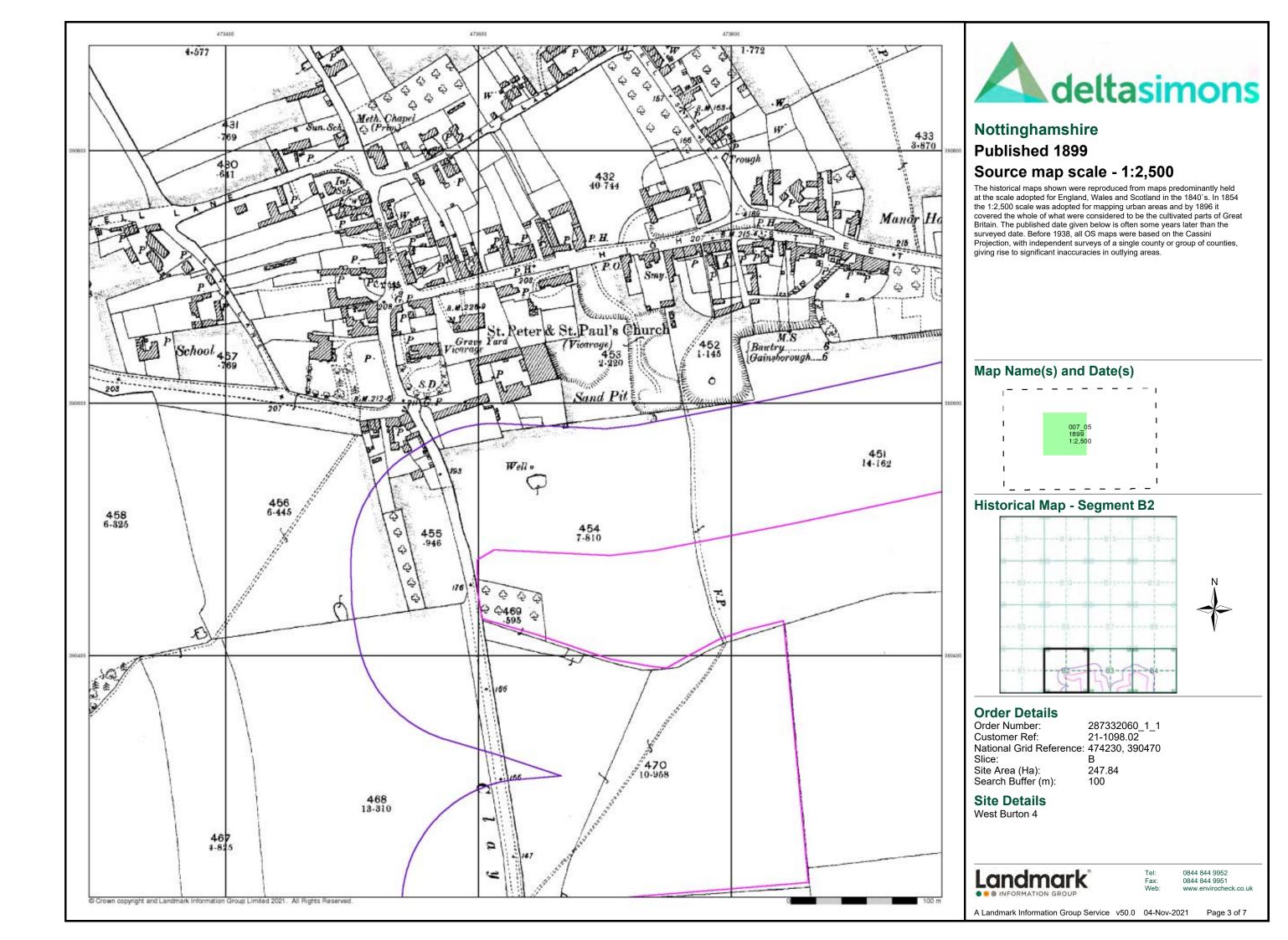
**Site Details** West Burton 4

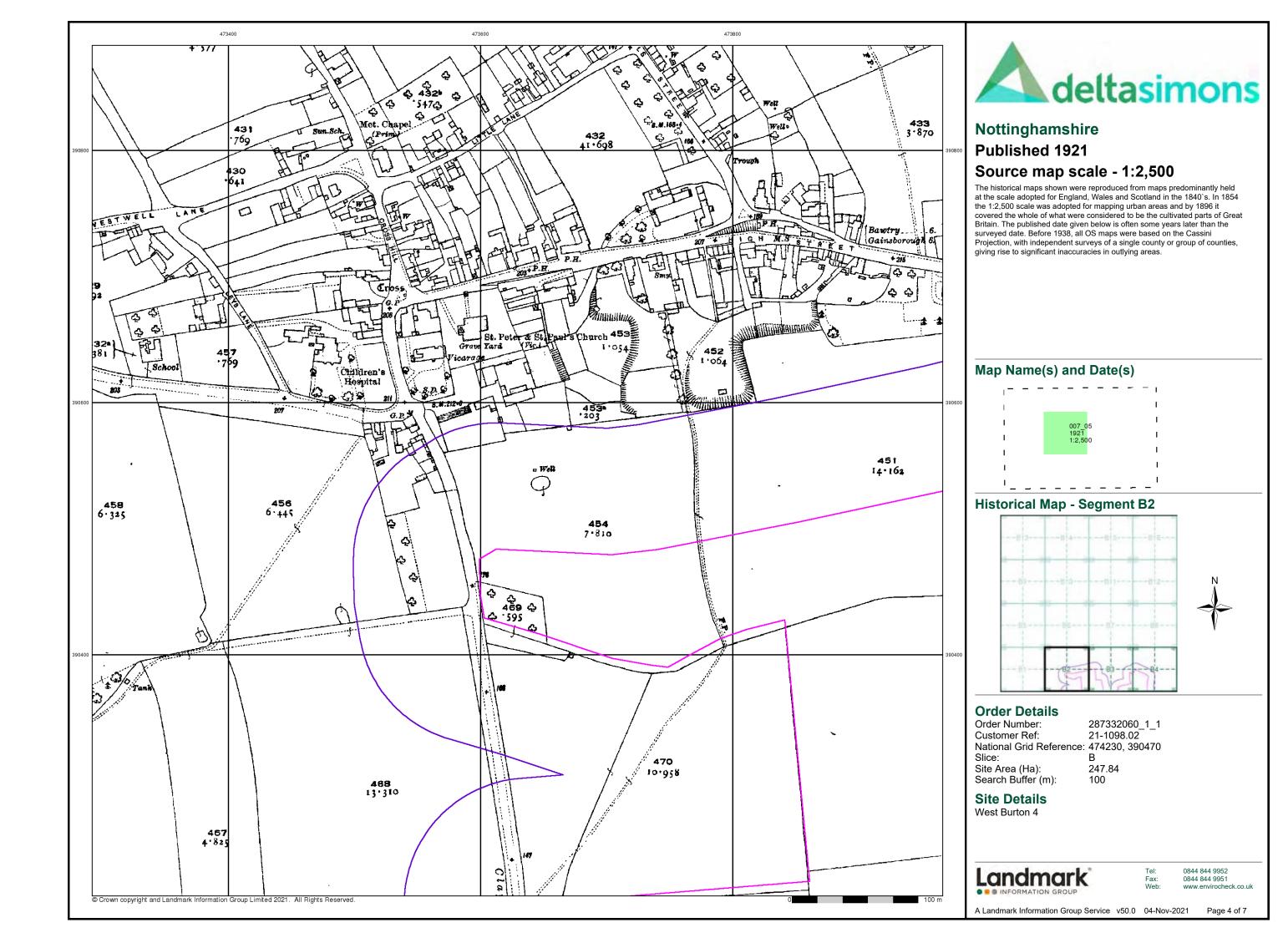
Landmark

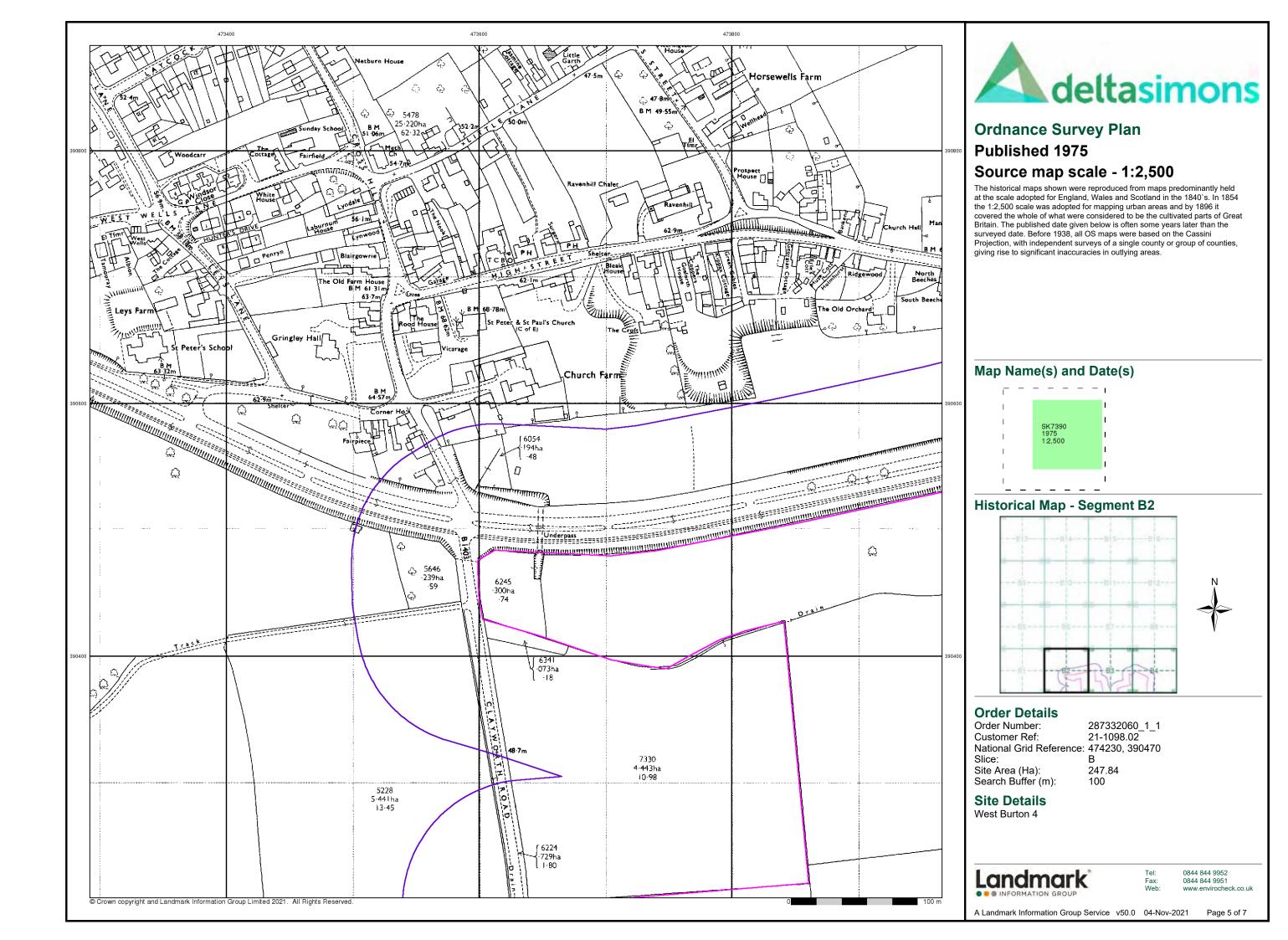
0844 844 9952

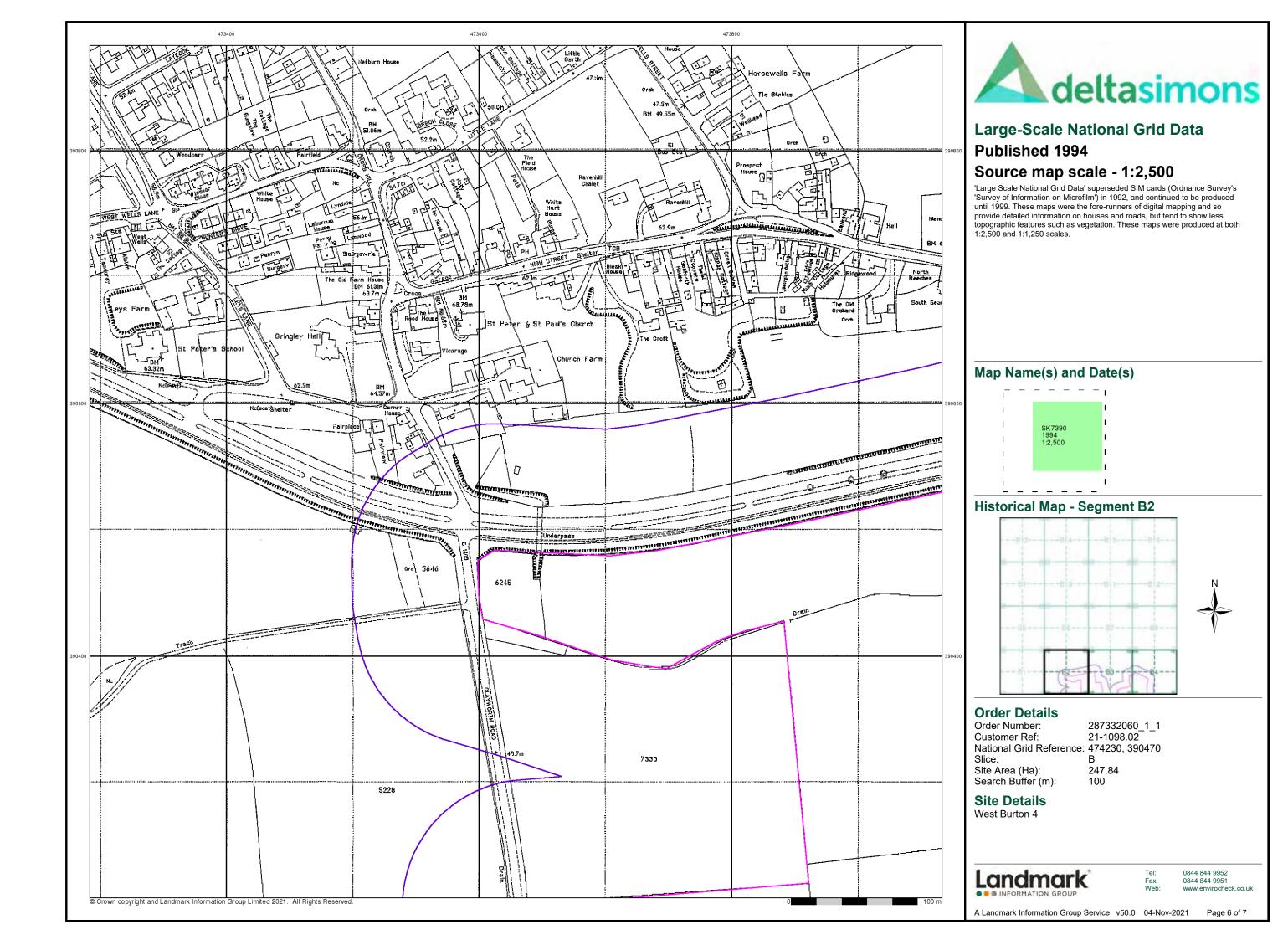
Page 1 of 7











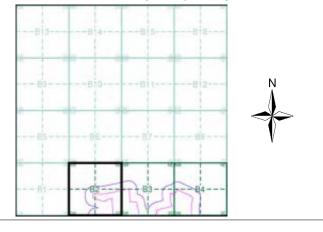




## **Historical Aerial Photography** Published 1999

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 B2**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474230, 390470

Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

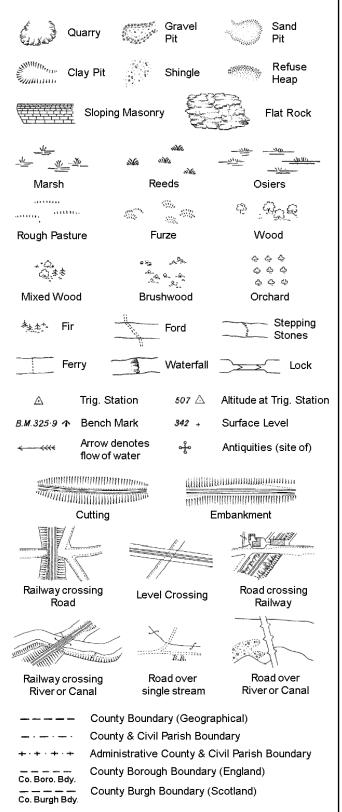
**Site Details** West Burton 4

Landmark*

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



B.R.

E.P

F.B.

M.S

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

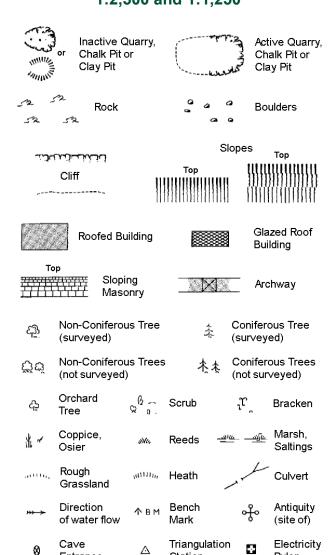
Trough Well

S.P

Sl.

Tr:

#### Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



**Electricity Transmission Line** 

County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

			Slo	opes .	T
لخميسين			Тор	1111111	Top 
	Cliff	110		_ ))))))	))))))))))
,				1]]]]]]	[[]]]]]]]]
523	Rock		S	Rock (sc	attered)
$\triangle_{a}$	Boulders		2	Boulders	(scattered)
$\Box$	Positioned	Boulder		Scree	
ফ্র	Non-Conifo (surveyed)		*	Conifero (surveye	
Öά	Non-Conife (not surve)	erous Trees /ed)	<b>木</b> 木	Conifero (not surv	ous Trees ⁄eyed)
දා	Orchard Tree	Q a.	Scrub	ır .	Bracken
* ~	Coppice, Osier	SNu,	Reeds 🛥	<u> ш</u> је	Marsh, Saltings
artte,	Rough Grassland	<i>u</i> mm,	Heath	1	Culvert
<b>&gt;&gt;→</b>	Direction of water flo	Δ	Triangulatior Station	, of	Antiquity (site of)
E_TL	_ Electric	ity Transmis	sion Line	$\boxtimes$	Electricity Pylon
/ <del>/</del> / вм	231.60m E	ench Mark		Building Building	
	Roofe	ed Building		251	azed Roof ilding
		Civil parieb	/community b	oundary	
<u> </u>		District bou		ouridar y	
			-		
_ ·		County bou	-		
٥		Boundary p			
عر			nereing symb ear in oppose		
Bks	Barracks		Р	Pillar, Pol	e or Post
Bty	Battery		PO	Post Offic	ce
Cemy	Cemetery		PC	Public Co	onvenience
Chy	Chimney		Pp	Pump	
Cis	Cistern		Ppg Sta	Pumping	
Dismtd F	-	lled Railway	PW	Place of V	•
El Gen S	ta Electric Station	ity Generating	Sewage P		wage Imping Station
EIP	Electricity	Pole, Pillar	SB, S Br	Signal Bo	ox or Bridge
El Sub S	ta Electricity	Sub Station	SP, SL	Signal Po	ost or Light
CD	Filter Red		Cnr	Carina	

Filter Bed

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

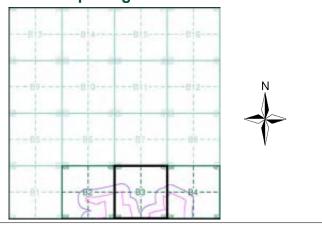
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

### **Historical Map - Segment B3**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474230, 390470 Slice:

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Tr

Wd Pp

Wks

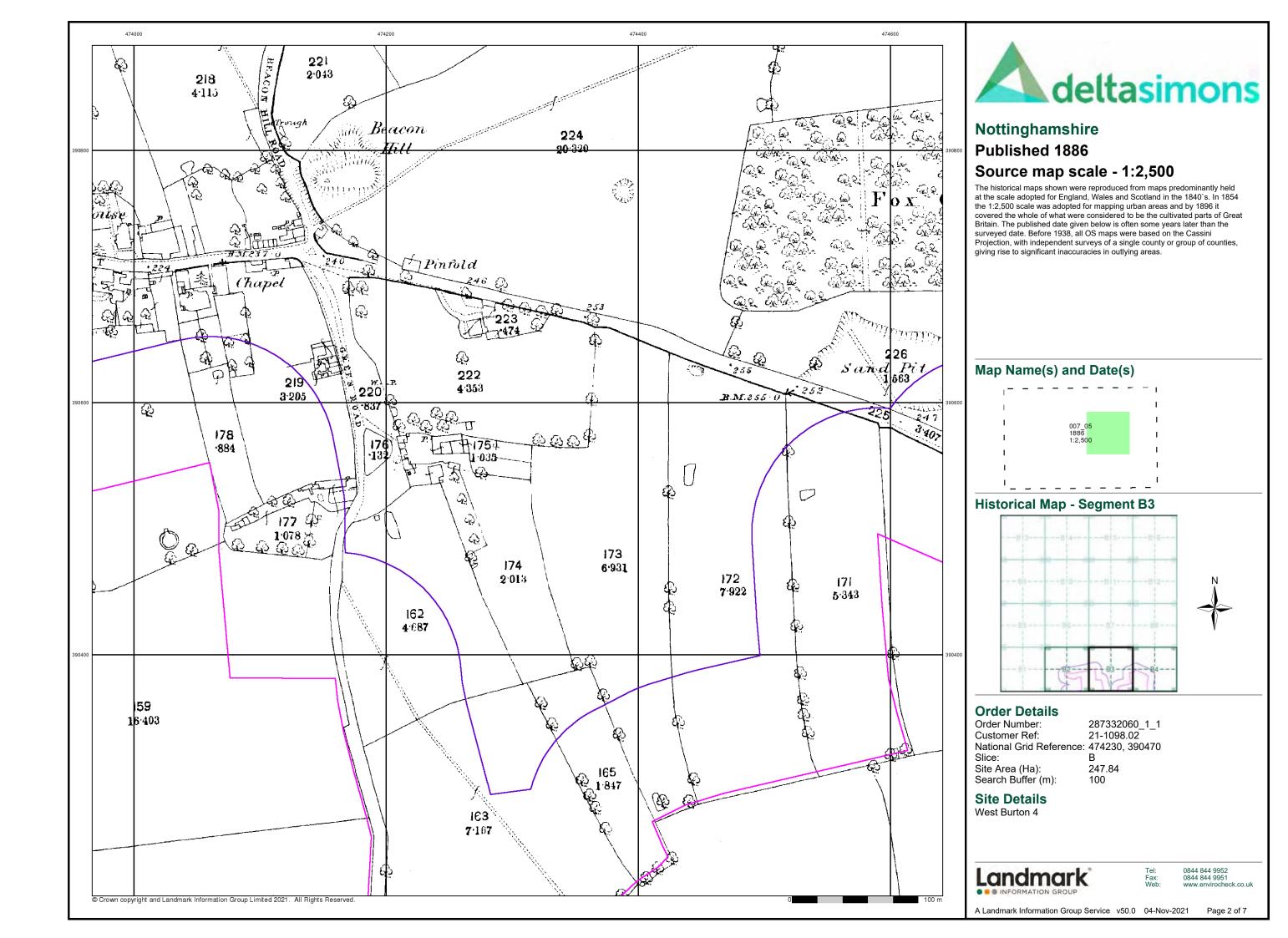
Site Area (Ha): 247.84 Search Buffer (m): 100

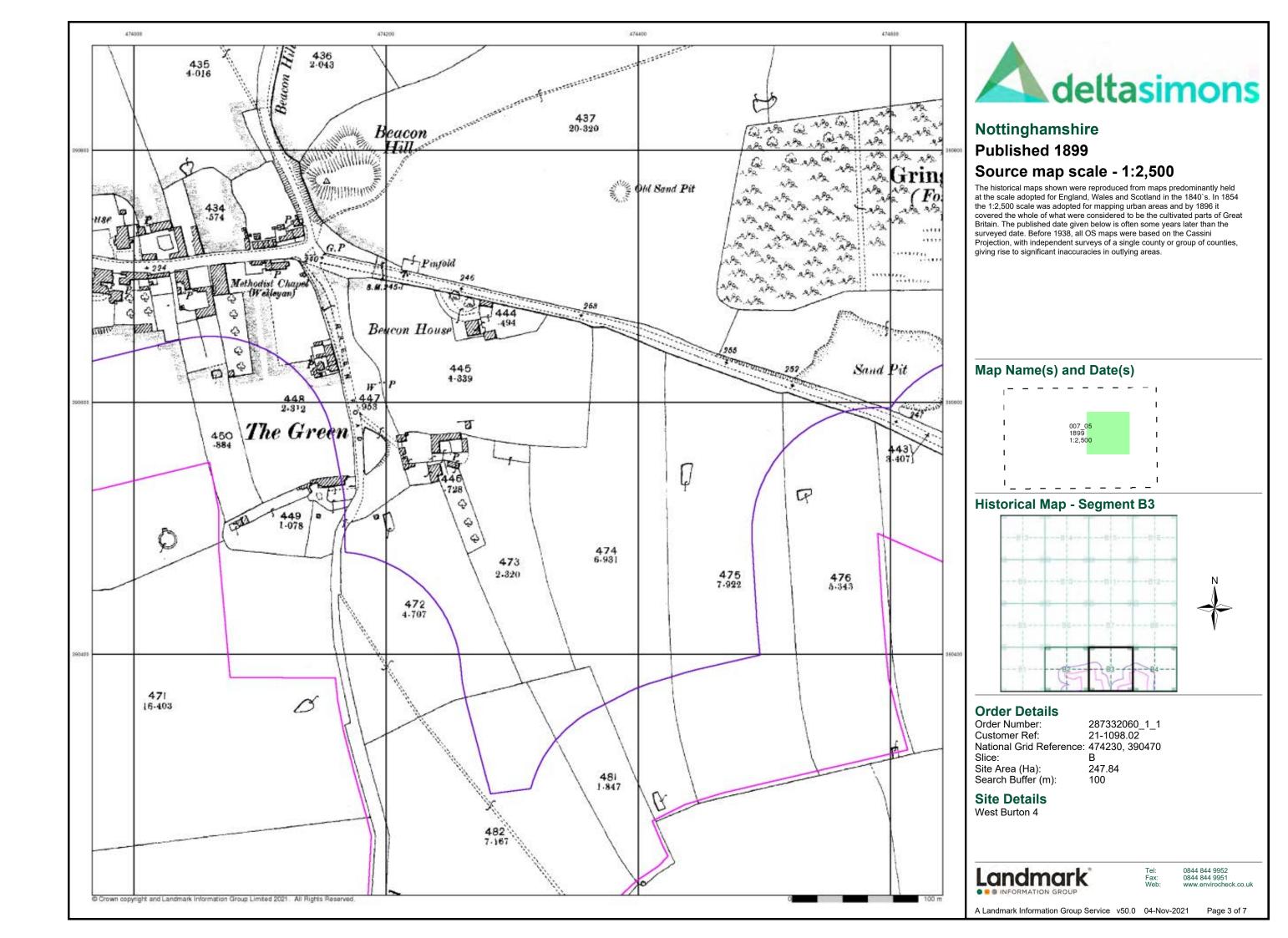
**Site Details** West Burton 4

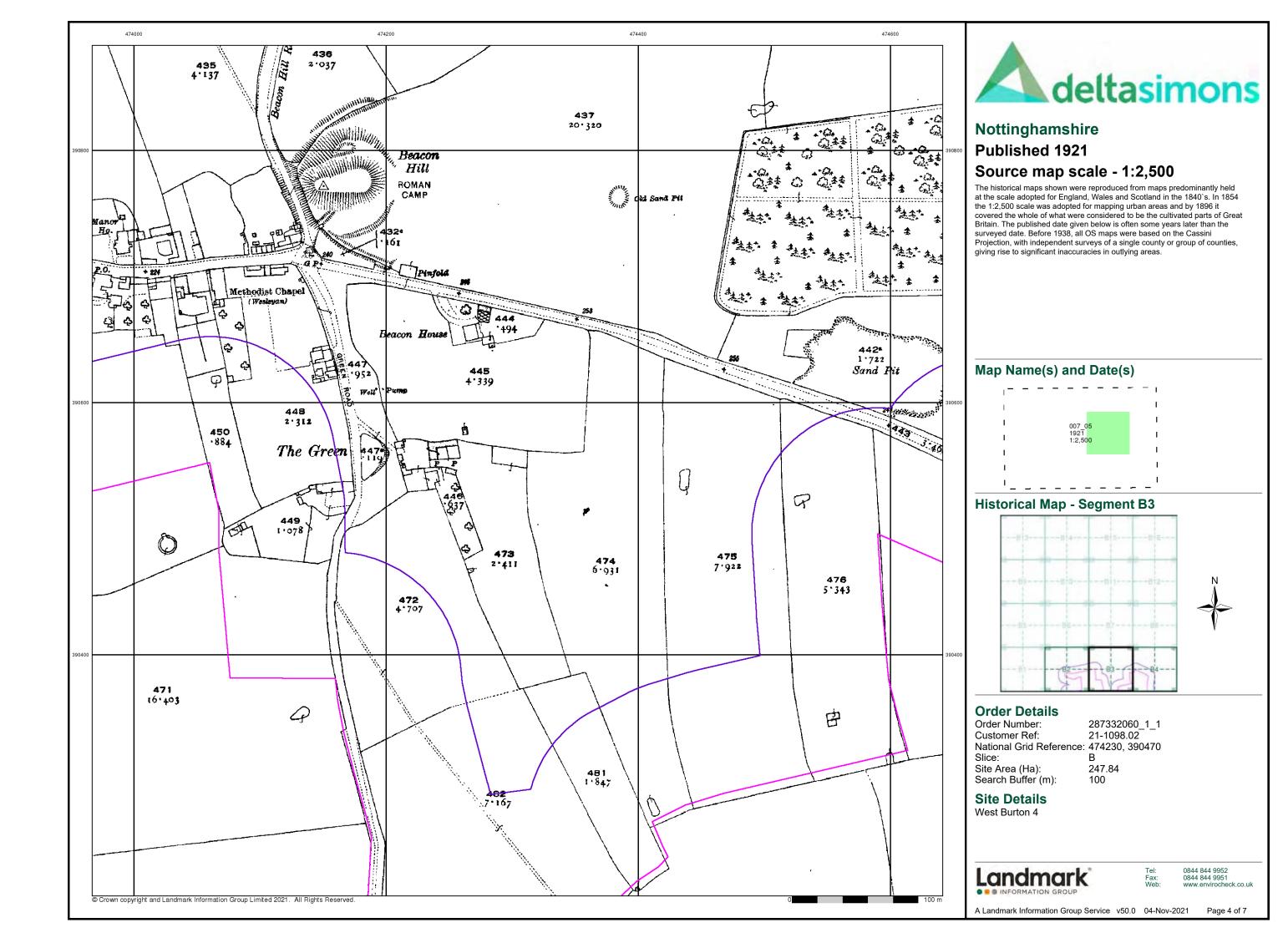


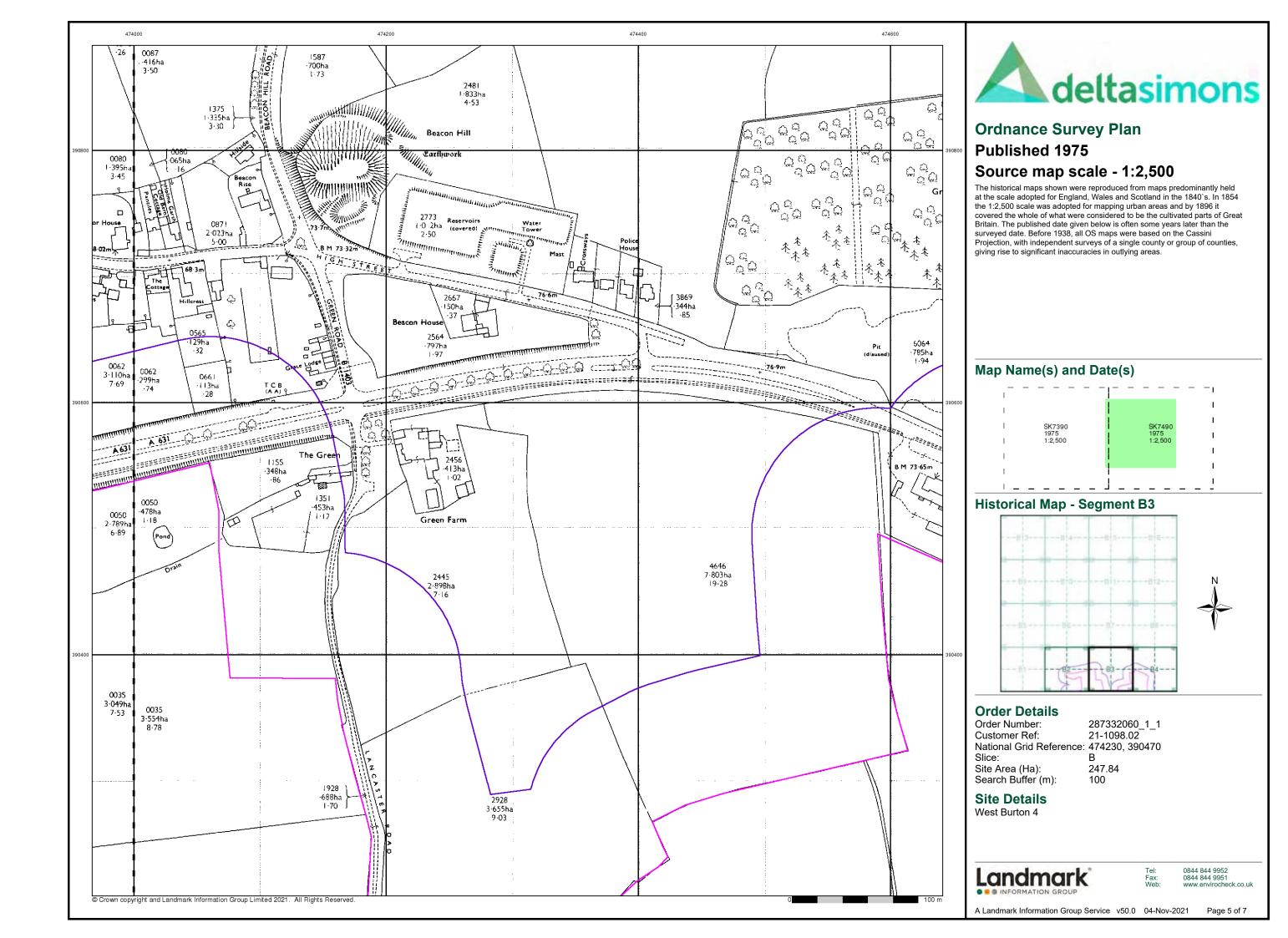
0844 844 9952 0844 844 9951

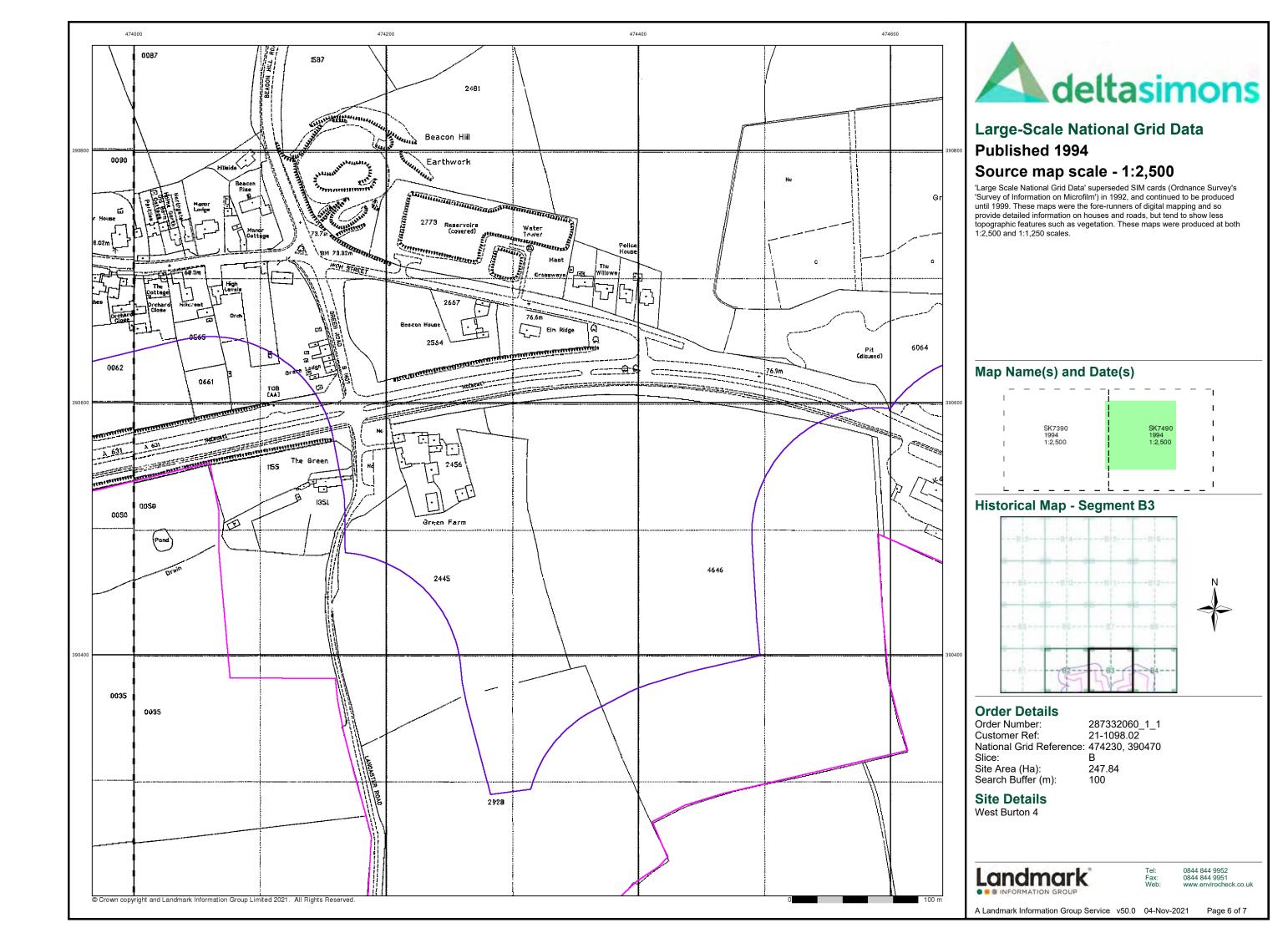
Page 1 of 7











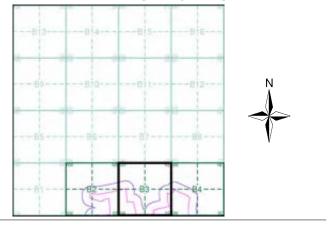




## **Historical Aerial Photography** Published 1999

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 B3**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474230, 390470

Slice:

Site Area (Ha): Search Buffer (m): 247.84 100

**Site Details** 

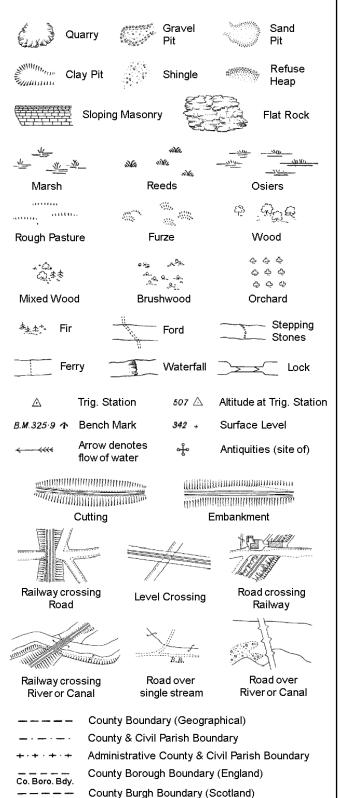
West Burton 4

Landmark*

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



Police Call Box

Telephone Call Box

Signal Post

Pump

Sluice

Spring

Trough Well

S.P

T.C.B

Sl.

Tr:

Co. Burgh Bdy.

Bridle Road

Foot Bridge

Mile Stone

M.P.M.R. Mooring Post or Ring

Electricity Pylor

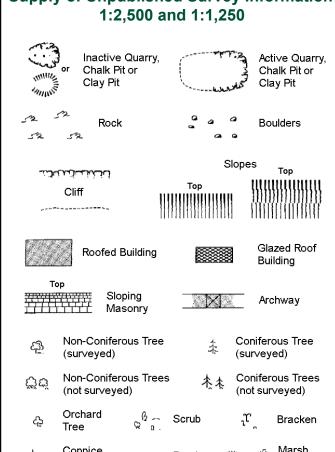
B.R.

EP

F.B.

M.S

Ordnance Survey Plan, Additional SIMs and Large-Scale National Grid Data 1:2,500 and **Supply of Unpublished Survey Information** 1:2,500 and 1:1,250



Marsh, Coppice, Reeds Saltings Rough Culvert யார் Heath Grassland Direction Bench Antiquity of water flow (site of) Electricity Cave Triangulation ÷

**Electricity Transmission Line** County Boundary (Geographical) County & Civil Parish Boundary Civil Parish Boundary Admin. County or County Bor. Boundary L B Bdy London Borough Boundary Symbol marking point where boundary mereing changes

вн	Beer House	Р	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
EIP	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
Н	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	WrPt,WrT	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

# 1:1,250

Cliff Top  Cliff Top  Rock Rock (scattere  Boulders Scree	,				
Rock Rock (scattere	,				
Boulders Scatt	,				
Boulders Scatt	,				
1.72	tered)				
○ Positioned Boulder					
Non-Coniferous Tree Coniferous Tree (surveyed)	ee				
Oniferous Trees 大夫 Coniferous Trees (not surveyed)					
$\stackrel{\mathcal{C}}{\hookrightarrow}$ Orchard $\stackrel{\mathcal{C}}{\circ}$ $\stackrel{\widehat{\circ}}{\circ}$ Scrub $\stackrel{\widehat{\circ}}{\circ}$ Brack	(en				
المرابع Coppice, المرابع Reeds المرابع Marsl Saltin					
Rough Heath Culve	ert				
Direction A Triangulation A Antique Station (site of					
E_TL Electricity Transmission Line					
Buildings with Building Seed					
Roofed Building Glazed R Building	Roof				
Civil pariable					
Civil parish/community boundary  District beyondary					
•	District boundary				
— • — County boundary	County boundary				
<ul> <li>Boundary post/stone</li> </ul>	Boundary post/stone				
Boundary mereing symbol (note: these always appear in opposed pairs or group of three)	ps				
Bks Barracks P Pillar, Pole or Pos	st				
Bty Battery PO Post Office					
Cemy Cemetery PC Public Convenie	nce				
Chy Chimney Pp Pump					
Cis Cistern Ppg Sta Pumping Station					
Dismtd Rly Dismantled Railway PW Place of Worship	)				
El Gen Sta Electricity Generating Sewage Ppg Sta Sewage Station Pumping 9	Station				
EIP Electricity Pole, Pillar SB, SBr Signal Box or Bri					
El Sub Sta Electricity Sub Station SP, SL Signal Post or Li	_				
FB Filter Bed Spr Spring					

Tk

Tr

Wd Pp

Wks

Tank or Track

Trough

Wind Pump

Wr Pt. Wr T Water Point, Water Tap

Works (building or area)

Fn / D Fn Fountain / Drinking Ftn.

Gas Governer

**Guide Post** 

Manhole

GVC

Gas Valve Compound

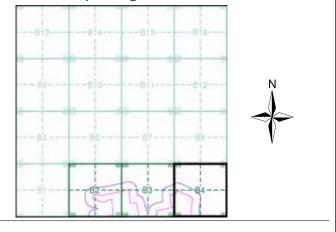
Mile Post or Mile Stone



#### **Historical Mapping & Photography included:**

Mapping Type	Scale	Date	Pg
Nottinghamshire	1:2,500	1886	2
Nottinghamshire	1:2,500	1899	3
Nottinghamshire	1:2,500	1921	4
Ordnance Survey Plan	1:2,500	1975	5
Large-Scale National Grid Data	1:2,500	1994	6
Historical Aerial Photography	1:2,500	1999	7

## **Historical Map - Segment B4**



#### **Order Details**

Order Number: 287332060_1_1 **Customer Ref:** 21-1098.02 National Grid Reference: 474230, 390470 Slice:

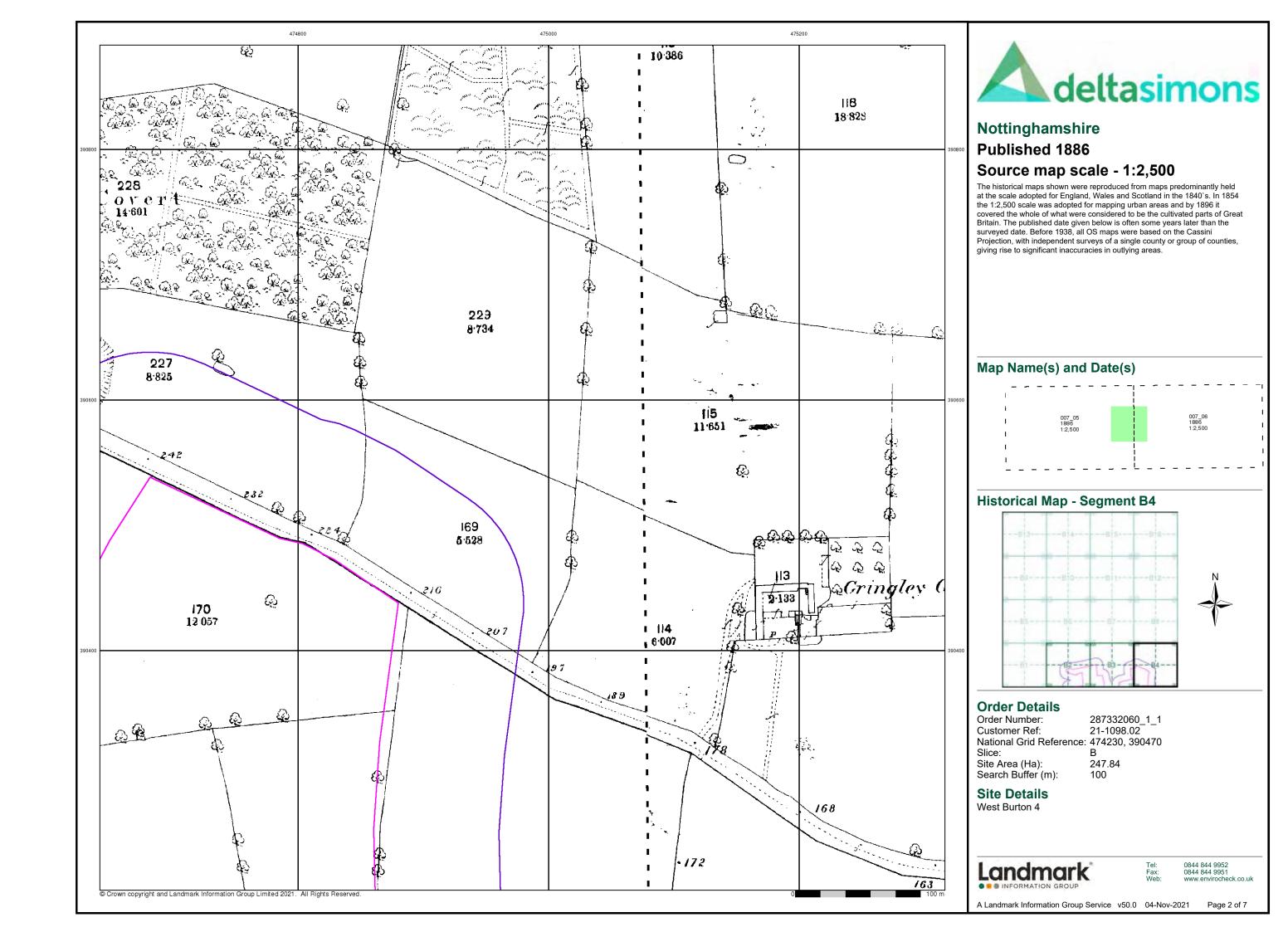
Site Area (Ha): 247.84 Search Buffer (m): 100

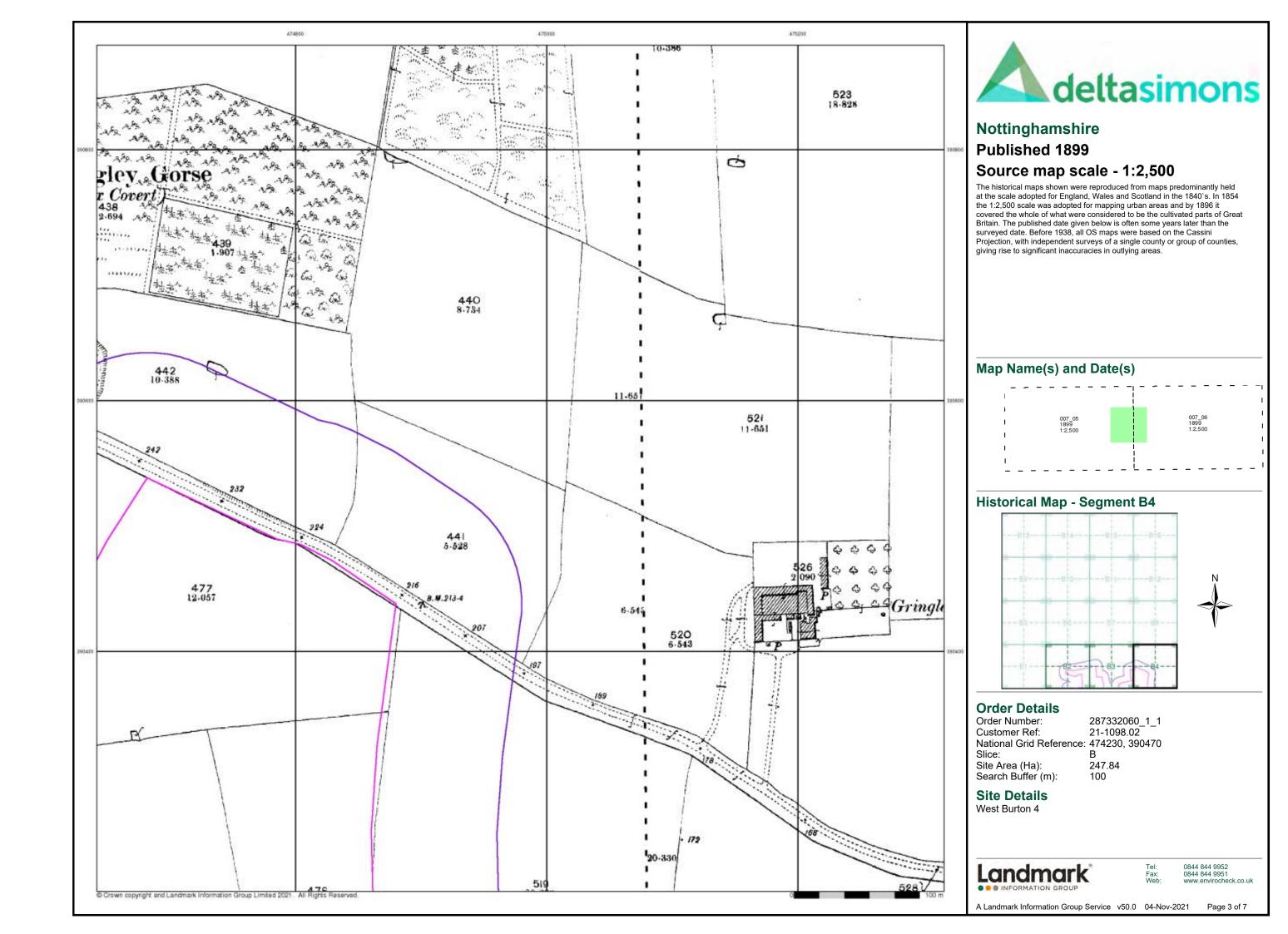
#### **Site Details** West Burton 4

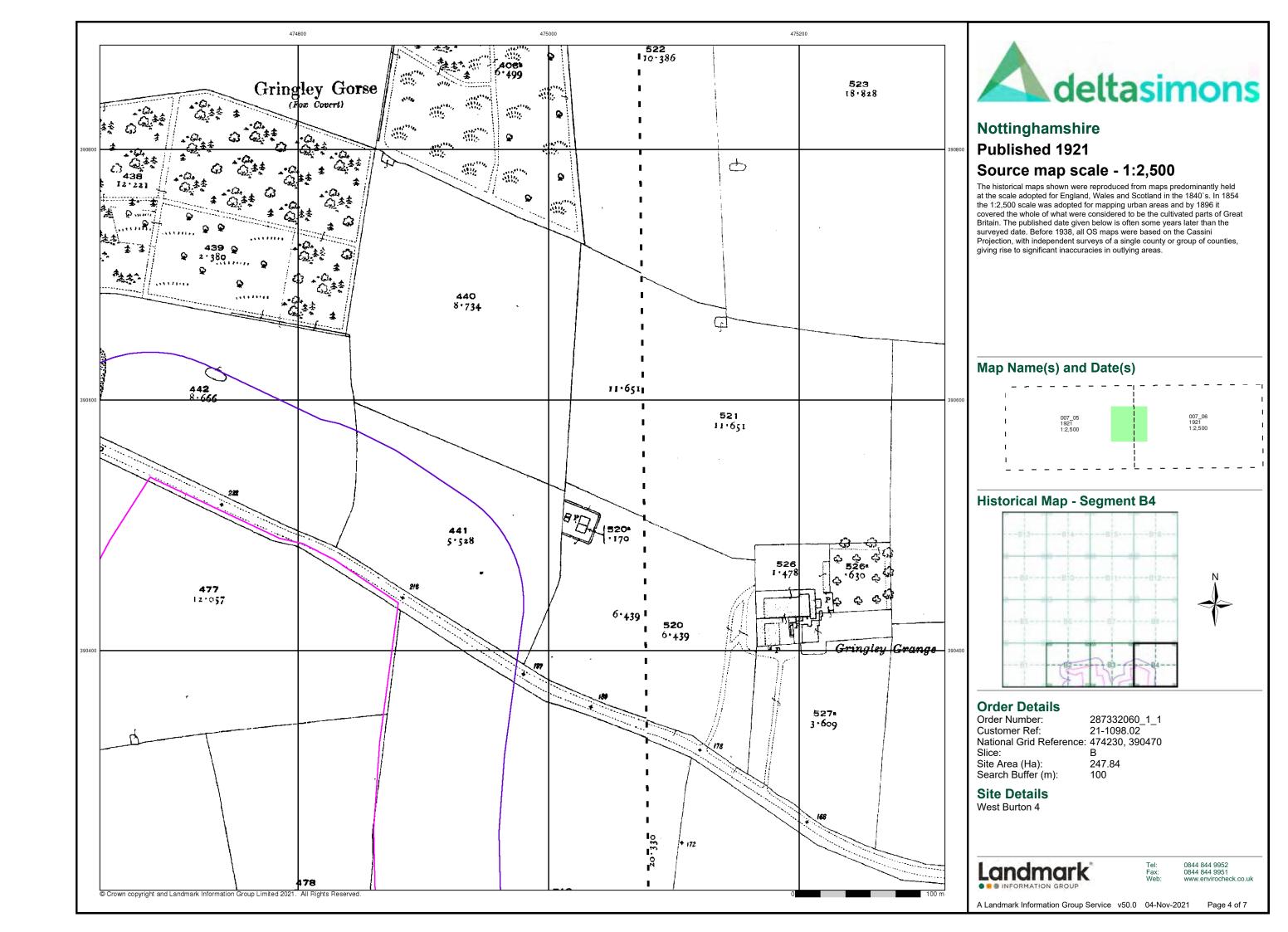


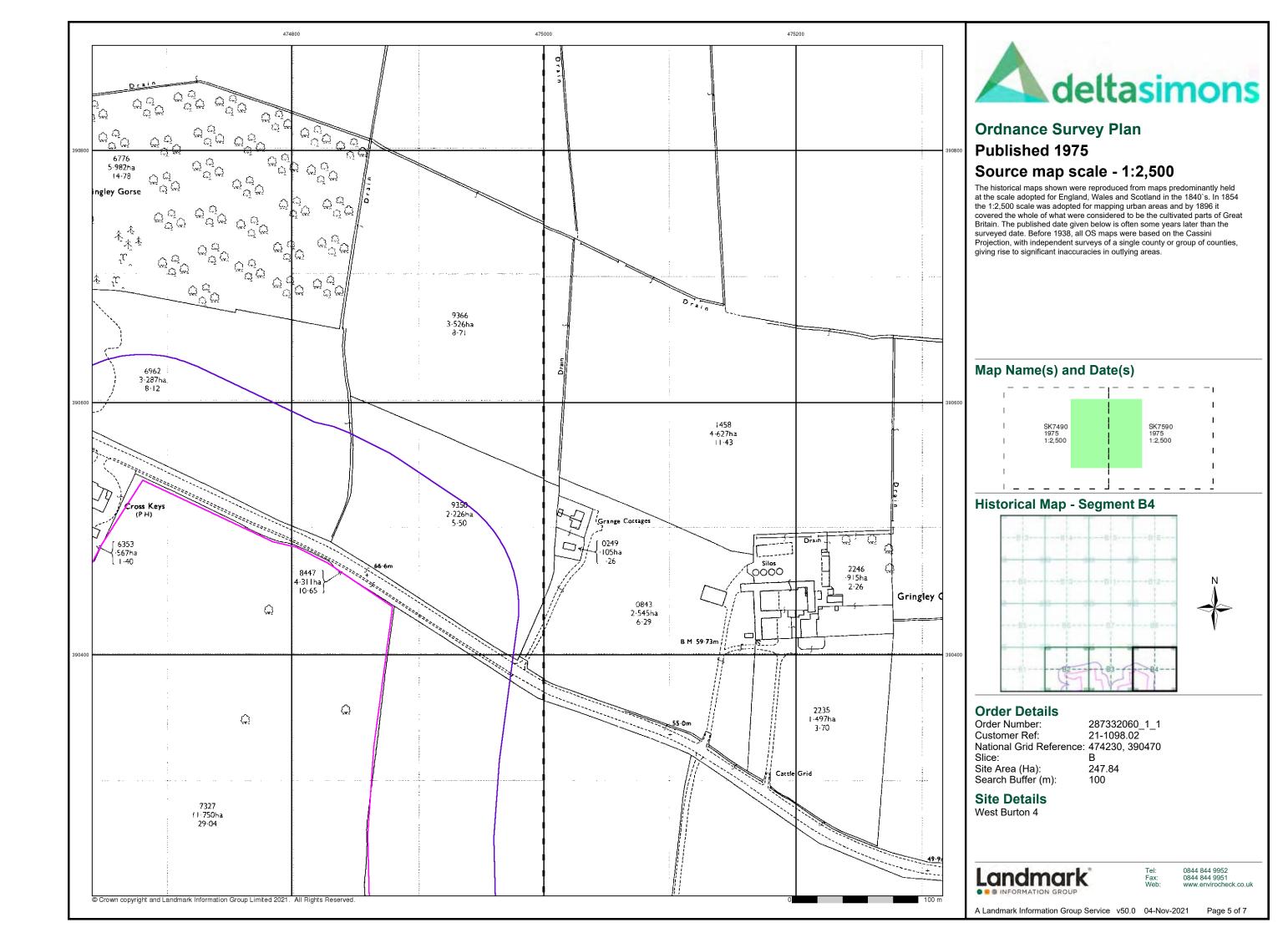
0844 844 9952 0844 844 9951

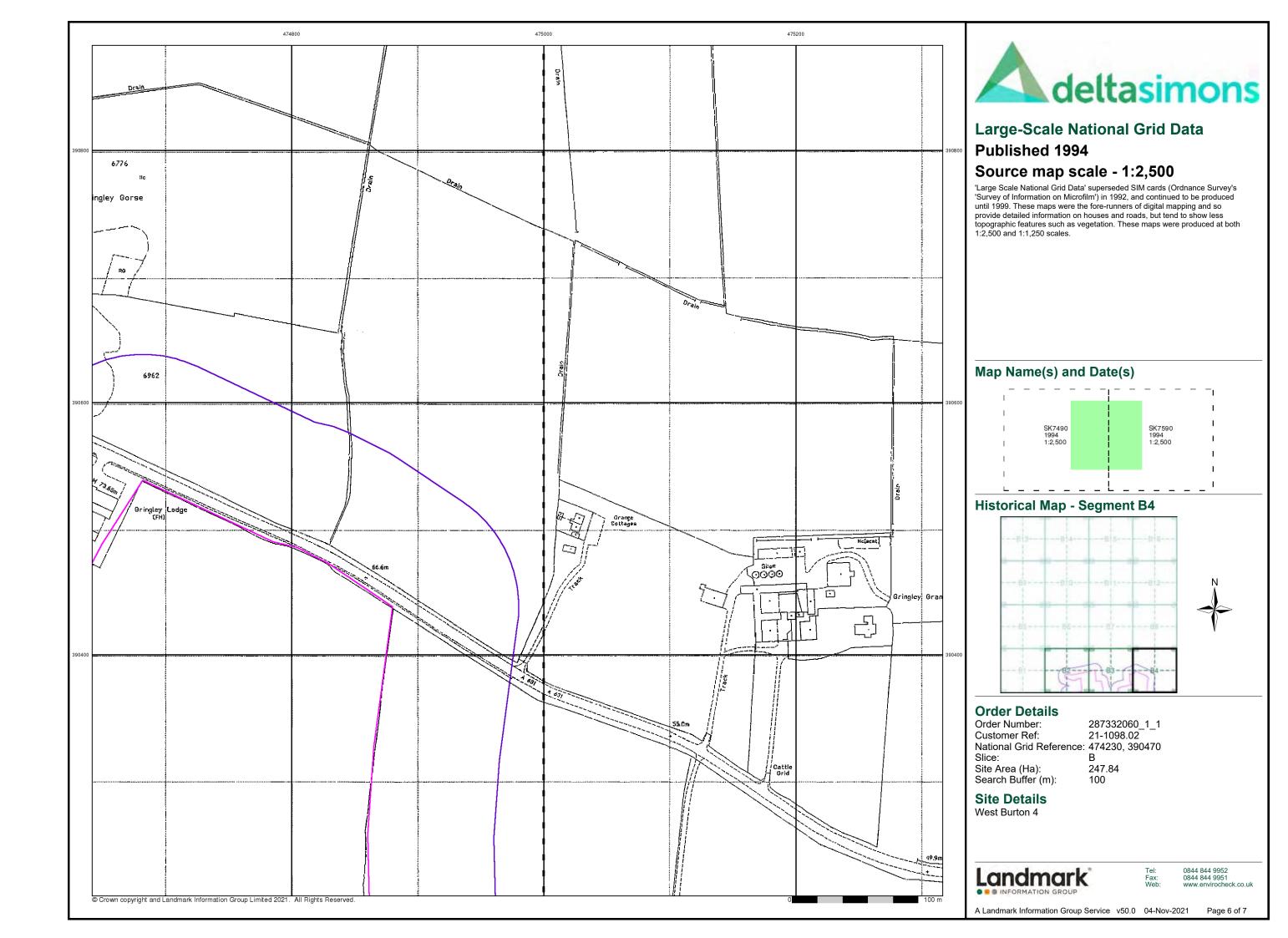
Page 1 of 7











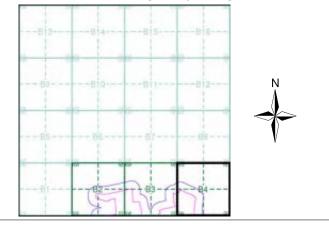




# Historical Aerial Photography Published 1999

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 B4**



#### **Order Details**

Order Number: 287332060_1_1
Customer Ref: 21-1098.02
National Grid Reference: 474230, 390470
Slice: B

Slice: B
Site Area (Ha): 247.84
Search Buffer (m): 100

Site Details

West Burton 4

Landmark*

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

A Landmark Information Group Service v50.0 04-Nov-2021

1 Page 7 o

# Appendix D – Landmark Envirocheck Report





# **Envirocheck® Report:**

## **Datasheet**

#### **Order Details:**

**Order Number:** 

287332060_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

474000, 388930

Slice:

Α

Site Area (Ha):

247.84

Search Buffer (m):

250

#### **Site Details:**

West Burton 4

#### **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	21
Hazardous Substances	-
Geological	22
Industrial Land Use	26
Sensitive Land Use	27
Data Currency	28
Data Suppliers	33
Useful Contacts	34

#### Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.

For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.

In this datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

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#### Report Version v53.0



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2		3
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 3	Yes	
Pollution Incidents to Controlled Waters			
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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 3	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 11	Yes	n/a
Superficial Aquifer Designations	pg 12	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences	pg 12	Yes	
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 12	34	38



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 21	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)			
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 22	Yes	n/a
BGS Estimated Soil Chemistry	pg 22	Yes	Yes
BGS Recorded Mineral Sites	pg 22		1
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas	pg 23	Yes	n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 23	Yes	Yes
Potential for Compressible Ground Stability Hazards	pg 23	Yes	
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 23	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 24	Yes	Yes
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries	pg 26		3
Fuel Station Entries			
Points of Interest - Commercial Services	pg 26		2
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production			
Points of Interest - Public Infrastructure	pg 26		1
Points of Interest - Recreational and Environmental			
Gas Pipelines			
Underground Electrical Cables			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 27	2	
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	(N)	0	1	473700
		(,			390450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	473750 390450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(NI)	0	1	473850
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level  BGS Groundwater Flooding Susceptibility	(N)	0	ı	390450
	Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	473999 390450
	BGS Groundwater Flooding Susceptibility	40			
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	473999 390550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	473650
	BGS Groundwater Flooding Susceptibility				390400
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	473750 390400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(N)	0	1	473800
	BGS Groundwater Flooding Susceptibility				390400
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	473999 390500
	BGS Groundwater Flooding Susceptibility				000000
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	474050 390500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	474050
	BGS Groundwater Flooding Susceptibility				390400
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	474200 390400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW	0	1	473600
		(N)	0		390050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A6NE	0	1	473850
	BGS Groundwater Flooding Susceptibility	(SW)			388750
	Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	0	1	473850 390500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	473900
	BGS Groundwater Flooding Susceptibility				390500
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	474100 390350
	BGS Groundwater Flooding Susceptibility  Flooding Type:  Patential for Groundwater Flooding of Property Situated Relaw Ground Level	(61)	0	- 1	474150
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	0	1	390350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW	15	1	473550
	BGS Groundwater Flooding Susceptibility	(NW)			390000
	Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	19	1	474100 390400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	19	1	474150
	BGS Groundwater Flooding Susceptibility  Flooding Type:  Potential for Croundwater Flooding to Copyr at Surface	A 4 O B D A 4	07	4	390400
	Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10NW (NW)	27	1	473450 389450

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	(N)	33	1	474100 390500
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	(N)	36	1	474200 390350
		Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	(N)	50	1	473550 390400
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	A10NW (NW)	90	1	473300 389350
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	107	1	473500 390350
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	A1NW (SW)	169	1	472900 388150
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NW)	188	1	473450 390000
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (NW)	189	1	473350 389850
	BGS Groundwater I	Flooding Susceptibility				
	Flooding Type:	Limited Potential for Groundwater Flooding to Occur	A14NW (NW)	240	1	473400 390050
	Discharge Consent	s	, ,			
1	Operator: Property Type: Location: Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status: Positional Accuracy:	Severn Trent Water Limited STORM TANK/CSO ON SEWERAGE NETWORK (WATER COMPANY) Beckside, Clayworth, Beckside, Clayworth, Retford, Dn22 9aq Environment Agency, Midlands Region Idle Catchment To Confluence With Ryton Tsc3083 1 3rd September 2010 3rd September 2010 12th August 2011 Public Sewage: Storm Sewage Overflow Freshwater Stream/River  Local Ditch Varied under EPR 2010 Located by supplier to within 10m	A1NE (SW)	145	2	473080 387930
	Discharge Consent					
2	Operator: Property Type: Location:  Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date: Revocation Date: Discharge Type: Discharge Environment: Receiving Water: Status:	Severn Trent Water Limited PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Gringley/Clayworth Ps - Emerg Of, Gringley Ps, Clayworth Ps, Nottinghamshire Environment Agency, Midlands Region Trent Catchment: Trent To Confluence With Idle T/69/02855/O 2 1st July 2010 1st April 2010 Not Supplied Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River  River Idle/Maun - Tributary Modified (Water Resources Act 1991, Schedule 10 as amended by Environment Act 1995)	A1NE (SW)	228	2	473000 387900



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Discharge Consent	ts				
2	Operator: Property Type: Location:	Severn Trent Water Limited PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Gringley/Clayworth Ps - Emerg Of, Gringley Ps, Clayworth Ps, Nottinghamshire	A1NE (SW)	228	2	473000 387900
	Authority: Catchment Area: Reference: Permit Version: Effective Date: Issued Date:	Environment Agency, Midlands Region Trent Catchment: Trent To Confluence With Idle T/69/02855/O 1 18th January 1971 18th January 1971				
	Revocation Date: Discharge Type: Discharge Environment: Receiving Water:	30th June 2010 Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River				
	Status:	River Idle/Maun - Tributary  Pre National Rivers Authority Legislation where issue date < 01/09/1989  Located by supplier to within 100m				
	Nearest Surface Wa	ater Feature				
			A6NW	0	-	473534
	One un direct : 14 1	nahilitu Man	(SW)			388536
	Groundwater Vulne Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A6NE	0	3	473874 388701
	Combined Vulnerability:	High	(SW)			300701
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness: Superficial	<3m No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A7NW (S)	0	3	474000 388659
	Combined Vulnerability: Combined Aquifer:	High  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	A14NW (N)	0	3	473565 390000
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial Recharge:	Low				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Superficial Aquifer - Medium Vulnerability	(N)	0	3	474000
	Classification: Combined	Medium				390521
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	3	474000 390473
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial Patchiness:	<300 mm/year 40-70% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(N)	0	3	474191 390323
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A2NW (SW)	0	3	473310 388000
	Combined Vulnerability:	High	(011)			555000
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year >70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A2NW	0	3	473548
	Classification: Combined	High	(SW)			388000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate				
	Pollutant Speed: Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	>70% <90%				
	Patchiness: Superficial	<3m				
	Thickness:					
	Superficial Recharge:	No Data				
	Groundwater Vulne		1.005			470075
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10SE (NW)	0	3	473873 389045
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	• •				4=4000
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW (N)	0	3	474000 389078
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:  Groundwater Vulne	erability Man				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A10NE (NW)	0	3	473769 389407
	Combined	Medium	(1444)			309407
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures <300 mm/year				
	Dilution: Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11SW (NE)	0	3	474124 389076
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11SW (NE)	0	3	474098 389006
	Combined Vulnerability:	High  Productive Redrock Aguifer, No Superficial Aguifer				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW (N)	0	3	474000 389173
	Combined Vulnerability: Combined Aquifer:	Medium  Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Low Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% 3-10m				
	Thickness: Superficial	No Data				
	Recharge:					
	Groundwater Vulne	• •	A 4 4 b ! =		•	474540
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11NE (NE)	0	3	474519 389243
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures				
	Dilution: Baseflow Index: Superficial	<300 mm/year 40-70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A15SE (NE)	0	3	474383 389535
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70% <90%				
	Superficial Thickness: Superficial Recharge:	<3m No Data				
	Groundwater Vulne	arability Man				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A15NE (N)	0	3	474329 390000
	Combined Vulnerability: Combined Aquifer:	High  Productive Bedrock Aquifer, No Superficial Aquifer	(N)			390000
	Pollutant Speed: Bedrock Flow: Dilution:	Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% <90%				
	Superficial Thickness: Superficial	3-10m No Data				
	Recharge:					
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A2NW (SW)	0	3	473425 388137
	Combined Vulnerability: Combined Aquifer:	High Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness:	40-70% <90%				
	Superficial Thickness: Superficial Recharge:	<3m No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A6NE (SW)	0	3	473766 388522
	Combined Vulnerability:	High	(3.17)			000022
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% <3m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11SW (E)	0	3	474200 388873
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70% <90%				
	Superficial Thickness: Superficial Recharge:	<3m No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability	A11SW (E)	0	3	474239 388947
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	High  Productive Bedrock Aquifer, No Superficial Aquifer Intermediate  Well Connected Fractures  <300 mm/year				
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% <3m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	arability Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A11SW	0	3	474241
	Classification: Combined Vulnerability:	High	(E)			389000
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% <3m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11SW (NE)	0	3	474103 389000
	Combined Vulnerability:	High  Productive Redrock Aquifor, No Superficial Aquifor				
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year				
	Superficial Patchiness: Superficial	40-70% <90% <3m				
	Thickness: Superficial Recharge:	No Data				



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	A11SW (N)	0	3	473999 389000
	Combined Vulnerability:	Medium	(,			
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness:	Productive Bedrock Aquifer, No Superficial Aquifer Low Well Connected Fractures <300 mm/year 40-70% <90% 3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability High	A11SW (NE)	0	3	474137 389102
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70% <90%				
	Patchiness: Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:  Groundwater Vulne	Secondary Bedrock Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, No Superficial Aquifer Intermediate  Well Connected Fractures <300 mm/year 40-70% <90%  <3m  No Data	A11SW (NE)	0	3	474111 389023
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A11SW	0	3	474000
	Contined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial Recharge:	High  Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70% <90%  <3m  No Data	(N)		3	389000



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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aguifer - Medium Vulnerability	A15NW	0	3	473999
	Classification: Combined	Medium	(N)			390000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Intermediate Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	Low				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A15NW (N)	0	3	474000 390000
	Combined	High	(14)			330000
	Vulnerability:					
	Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Intermediate Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	3-10m				
	Thickness:					
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	A3NW	0	3	473999
	Classification:		(S)			388000
	Combined	High				
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed:	Intermediate				
	Bedrock Flow:	Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year >70%				
	Superficial	<90%				
	Patchiness:					
	Superficial	<3m				
	Thickness: Superficial	No Data				
	Recharge:	No Data				
	Groundwater Vulne	• •				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	A11SW (NW)	0	3	473999 388929
	Combined	High	('''')			000029
	Vulnerability:					
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate				
	Bedrock Flow:	Well Connected Fractures				
	Dilution:	<300 mm/year				
	Baseflow Index:	40-70%				
	Superficial Patchiness:	<90%				
	Superficial	<3m				
	Thickness:					
	Superficial	No Data				
	Recharge:					



Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined Classification: Combined	Secondary Bedrock Aquifer - High Vulnerability High	A7NW (S)	0	3	474000 388629
	Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial Thickness:	<90% <3m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification: Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index: Superficial Patchiness: Superficial Thickness: Superficial	Secondary Bedrock Aquifer - High Vulnerability  High  Productive Bedrock Aquifer, No Superficial Aquifer Intermediate  Well Connected Fractures  <300 mm/year  40-70%  <90%  <3m	A11SW (E)	0	3	474000 388929
	Recharge:	erability - Soluble Rock Risk				
	Bedrock Aquifer De	esignations				
		Secondary Aquifer - B	A11SW (NW)	0	3	473999 388929
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - B	A15NW (N)	0	3	473999 390000
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A2NW (SW)	0	3	473425 388137
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A6NE (SW)	0	3	473766 388522
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A11SW (E)	0	3	474200 388873
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A11SW (E)	0	3	474239 388947
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A11SW (NE)	0	3	474124 389076
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A10SE (NW)	0	3	473873 389045
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A11SW (NE)	0	3	474098 389006
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A11NE (NE)	0	3	474519 389243
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A10NE (NW)	0	3	473769 389407
	Bedrock Aquifer De Aquifer Designation:	esignations Secondary Aquifer - Undifferentiated	A15SE (NE)	0	3	474383 389535

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	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	A15NE (N)	0	3	474329 390000
	Superficial Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated	A14NW (N)	0	3	473565 390000
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	A6NE (SW)	0	3	473874 388701
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(N)	0	3	474191 390323
	Extreme Flooding from Rivers or Sea without Defences  Type: Extent of Extreme Flooding from Rivers or Sea without Defences Flood Plain Type: Fluvial Models Boundary Accuracy: As Supplied	A6SW (SW)	0	2	473505 388490
	Flooding from Rivers or Sea without Defences None				
	Areas Benefiting from Flood Defences None				
	Flood Water Storage Areas None				
	Flood Defences None				
3	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 276.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15NE (NE)	0	4	474640 390047
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 189.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NW (NE)	0	4	474725 389878
5	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NW (NE)	0	4	474644 390036
6	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 165.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (NE)	0	4	474679 389240
7	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 96.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NW (NE)	0	4	474795 390045

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 241.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6NW (SW)	0	4	473462 388697
	OS Water Network Lines				
9	Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: Underground Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6NW (SW)	0	4	473466 388695
10	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 177.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6NW (SW)	0	4	473468 388693
11	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 235.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (W)	0	4	473665 388897
12	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 144.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (SW)	0	4	473630 388669
13	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 86.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (SW)	0	4	473671 388786
14	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 127.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (SW)	0	4	473671 388786
15	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 702.6  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (S)	0	4	473957 388609
16	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 252.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (N)	0	4	473913 389619



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
17	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 276.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	0	4	474187 388829
	OS Water Network Lines				
18	Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (SE)	0	4	474167 388791
19	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 178.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (SE)	0	4	474307 388533
20	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A11SW (E)	0	4	474298 389035
21	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (SE)	0	4	474307 388533
22	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 385.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NE (SE)	0	4	474309 388532
23	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 521.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7NW (S)	0	4	473975 388816
24	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 290.1  Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6SW (SW)	0	4	473329 388208
25	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 54.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6SW (SW)	0	4	473370 388244



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
26	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 168.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A2NW (SW)	0	4	473481 388135
27	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 360.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A6NW (SW)	0	4	473545 388552
28	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 134.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6SW (SW)	0	4	473588 388308
29	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A6SE (S)	0	4	473785 388258
30	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A6SW (SW)	0	4	473588 388308
31	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 189.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A6SE (S)	0	4	473771 388263
32	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A6SE (S)	0	4	473774 388262
33	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A6SE (S)	0	4	473777 388261
34	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A6SE (S)	0	4	473811 388311



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
35	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 151.4  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (S)	0	4	474119 388378
36	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 204.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A7SW (SE)	0	4	474269 388358
37	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: Trent Primacy: 1	A16NW (NE)	1	4	474644 390036
38	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 426.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	1	4	473634 389689
39	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 9.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (SW)	1	4	473680 388789
40	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: Trent Primacy: 1	A14SE (N)	1	4	473890 389870
41	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 74.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14NE (N)	1	4	473890 389871
42	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 20.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8SW (SE)	1	4	474659 388393
43	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 640.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A10SW (W)	2	4	473399 389065



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
44	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 74.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SW (NW)	3	4	473615 389614
45	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A14SE (NW)	4	4	473631 389671
46	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A6NW (W)	6	4	473300 388836
47	OS Water Network Lines  Watercourse Form: Inland river Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	A10SE (W)	8	4	473727 388886
48	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 1.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A6NE (SW)	8	4	473681 388788
49	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 442.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A8SW (SE)	9	4	474662 388378
50	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 432.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SE (NE)	11	4	474414 389706
51	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 62.9  Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A10SE (W)	14	4	473727 388886
52	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 540.0  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A12NW (E)	15	4	474842 389215



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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
53	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 436.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A14SW (NW)	15	4	473600 389614
	OS Water Network Lines				
54	Watercourse Form: Inland river Watercourse Length: 310.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A14NW (N)	15	4	473626 390052
55	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 208.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Primacy: 1	A10NW (NW)	16	4	473530 389422
56	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 4.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A14NW (N)	16	4	473626 390048
57	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 607.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5NE (W)	18	4	473291 388847
58	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16NW (NE)	22	4	474876 390029
59	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 247.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	25	4	474940 389794
60	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 363.2  Watercourse Level: On ground surface Permanent: True  Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SE (NE)	33	4	474429 389671
61	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 455.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A15SE (NE)	44	4	474465 389557



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
62	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 69.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A1NE (SW)	56	4	473139 388004
63	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 222.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A1NE (SW)	56	4	473001 388174
64	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 83.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A5SE (SW)	62	4	472974 388258
65	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Not Supplied Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A1NE (SW)	67	4	473000 388180
66	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: Underground Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A1NE (SW)	115	4	473101 387952
67	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 49.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A1NE (SW)	138	4	473085 387934
68	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 85.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	166	4	474773 389808
69	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 117.3  Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Trent Primacy: 1	A1NE (SW)	182	4	473070 387888
70	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 171.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	237	4	474773 389808



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
71	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 6.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	239	4	474775 389802
72	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 433.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 2	A12NW (NE)	244	4	474739 389486
73	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 3.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	245	4	474775 389798
74	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 29.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	A16SW (NE)	249	4	474776 389769



#### **Waste**

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage				
	Name: Bassetlaw District Council - Has no landfill data to supply		0	5	473999 388929
	Local Authority Landfill Coverage				
	Name: Nottinghamshire County Council - Has no landfill data to supply		0	6	473999 388929

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid	d Geology				
	Description:	Triassic Rocks (Undifferentiated)	A11SW (NW)	0	1	473999 388929
	BGS Estimated Soil Source: Soil Sample Type:	Chemistry British Geological Survey, National Geoscience Information Service Rural Soil	A3NW (S)	0	1	473999 388000
	Arsenic Concentration: Cadmium	<15 mg/kg <1.8 mg/kg	(8)			00000
	Concentration: Chromium Concentration:	60 - 90 mg/kg				
	Lead Concentration: Nickel Concentration:	<100 mg/kg 30 - 45 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A6NE (SW)	0	1	473874 388701
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	90 - 120 mg/kg <100 mg/kg				
	Nickel Concentration:	30 - 45 mg/kg				
	BGS Estimated Soil	-	A 4 4 0 1 A 4		,	470000
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A11SW (NW)	0	1	473999 388929
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	Chemistry				
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A10NW (NW)	52	1	473418 389423
	Concentration: Cadmium Concentration:	<1.8 mg/kg				
	Chromium Concentration: Lead Concentration:	40 - 60 mg/kg				
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Estimated Soil	-	A 43.15	477	,	470074
	Source: Soil Sample Type: Arsenic	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg	A1NE (SW)	177	1	472971 388036
	Concentration: Cadmium Concentration: Chromium	<1.8 mg/kg				
	Concentration: Lead Concentration:					
	Nickel Concentration:	15 - 30 mg/kg				
	BGS Recorded Mine					
75	Site Name: Location: Source:	Clayworth Woodhouse Pits Clayworth, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service	A12SW (E)	50	1	474821 389052
	Reference: Type: Status:	173501 Opencast Ceased				
	Operator: Operator Location: Periodic Type:	Unknown Operator Not Supplied Triassic				
	Geology: Commodity: Positional Accuracy:	Mercia Mudstone Group Sandstone Located by supplier to within 10m				





BGS Measured Urban Soil Chemistry No data available BGS Urban Soil Chemistry Averages No data available Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  Non Coal Mining Areas of Great Britain No Hazard	A11SW (NW)	0		
BGS Urban Soil Chemistry Averages No data available  Coal Mining Affected Areas  Description:  In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  Non Coal Mining Areas of Great Britain		0		
No data available  Coal Mining Affected Areas  Description:  In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  Non Coal Mining Areas of Great Britain		0		
Description:  In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  Non Coal Mining Areas of Great Britain		0		
that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.  Non Coal Mining Areas of Great Britain		0		
-			7	473999 388929
Potential for Collapsible Ground Stability Hazards				
Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929
Potential for Collapsible Ground Stability Hazards				
Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
Potential for Collapsible Ground Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	473874 388701
Potential for Collapsible Ground Stability Hazards				
Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
Potential for Collapsible Ground Stability Hazards				
Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
Potential for Compressible Ground Stability Hazards				
Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
Potential for Compressible Ground Stability Hazards		_		
Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	473874 388701
Potential for Compressible Ground Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929
Potential for Compressible Ground Stability Hazards				
Hazard Potential: No Hazard Source: No Hazard British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
Potential for Compressible Ground Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
Potential for Ground Dissolution Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929
Potential for Ground Dissolution Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
Potential for Ground Dissolution Stability Hazards				
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
Potential for Ground Dissolution Stability Hazards	7			
Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
Potential for Landslide Ground Stability Hazards		0	4	474204
Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A7SE (SE)	0	1	474391 388288
Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low  Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929

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Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landslide Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A14NW (N)	0	1	473565 390000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	473874 388701
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A10NW (NW)	52	1	473418 389423
	Potential for Running Sand Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
	Potential for Running Sand Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A1NE (SW)	177	1	472971 388036
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (E)	0	1	474200 388873
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (E)	0	1	474240 388947
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (NW)	0	1	473999 388929
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A6NE (SW)	0	1	473766 388522
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A10SE (NW)	0	1	473873 389045
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard  Source: British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	474098 389006
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (NE)	0	1	474519 389243
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A2NW (SW)	0	1	473425 388137
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A10NE (NW)	0	1	473769 389407
	Potential for Shrinking or Swelling Clay Ground Stability Hazards  Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (N)	0	1	474076 389381

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### **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	474219 389240
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A7SE (SE)	0	1	474450 388266
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11NW (NE)	0	1	474288 389401
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15NE (N)	0	1	474329 390000
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A15SE (NE)	0	1	474383 389535
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11SE (E)	0	1	474449 388950
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A11SW (NE)	0	1	474124 389076
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A7NE (E)	15	1	474631 388802
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A8NW (E)	28	1	474709 388848
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A16NE (NE)	120	1	475000 390000
	Potential for Shrink	ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	A12SE (E)	146	1	475000 388929
		ing or Swelling Clay Ground Stability Hazards				
	Hazard Potential: Source:	No Hazard British Geological Survey, National Geoscience Information Service	A12SE (E)	226	1	475000 389004
	Radon Potential - R	adon Affected Areas				
	Affected Area: Source:	The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	A15NW (N)	0	1	473999 390001
		adon Affected Areas				
	Affected Area:	The property is in a Lower probability radon area (less than 1% of homes are	A11SW	0	1	473999
	Source:	estimated to be at or above the Action Level). British Geological Survey, National Geoscience Information Service	(NW)			388929
	Radon Potential - R	adon Protection Measures				
		No radon protective measures are necessary in the construction of new dwellings or extensions	A15NW (N)	0	1	473999 390001
	Source:	British Geological Survey, National Geoscience Information Service				
		adon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions	A11SW (NW)	0	1	473999 388929
	Source:	British Geological Survey, National Geoscience Information Service	(1444)			300323

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#### **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
76	Name: Location: Classification: Status: Positional Accuracy:	Lincoln House Cutlery The Lodge, Gringley Road, Clayworth, RETFORD, Nottinghamshire, DN22 9BE Cutlery Manufacturers Inactive Automatically positioned to the address	A1NE (SW)	85	-	473037 388102
	Contemporary Trad	e Directory Entries				
76	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Clayworth Shooting Supplies Town Street, Clayworth, Retford, DN22 9AD Gunsmiths Inactive Automatically positioned to the address	A1NE (SW)	100	-	473052 388056
	Contemporary Trad	e Directory Entries				
77	Name: Location: Classification: Status: Positional Accuracy:	A1 Pest Old Ford House, Town Street, Clayworth, Retford, Nottinghamshire, DN22 9AD Pest & Vermin Control Inactive Automatically positioned to the address	A1NE (SW)	94	-	473111 387976
	Points of Interest - 0	Commercial Services				
78	Name: Location: Category: Class Code: Positional Accuracy:	A1 Pest Old Ford House, Town Street, Clayworth, Retford, DN22 9AD Contract Services Pest and Vermin Control Positioned to address or location	A1NE (SW)	94	8	473111 387976
	Points of Interest - 0	Commercial Services				
78	Name: Location: Category: Class Code: Positional Accuracy:	A1 Pest Old Ford House, Town Street, Clayworth, Retford, DN22 9AD Contract Services Pest and Vermin Control Positioned to address or location	A1NE (SW)	94	8	473111 387976
	Points of Interest - I	Public Infrastructure				
79	Name: Location: Category: Class Code: Positional Accuracy:	Filter Bed DN22 Infrastructure and Facilities Waste Storage, Processing and Disposal Positioned to an adjacent address or location	A5SW (SW)	215	8	472933 388445

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#### **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
80	Name: Description: Source:	R Trent From Carlton-On-Trent To Laughton Drain Nvz Surface Water Environment Agency, Head Office	A11NE (NE)	0	3	474515 389287
	Nitrate Vulnerab	le Zones				
81	Name: Description: Source:	River Idle From River Ryton To River Trent Nvz Surface Water Environment Agency, Head Office	A11SW (NW)	0	3	473999 388929

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Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bassetlaw District Council - Environmental Health Department	January 2020	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Discharge Consents		
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Midlands Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
Local Authority Pollution Prevention and Controls		
Bassetlaw District Council - Environmental Health Department	August 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Midlands Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Water Abstractions		
Environment Agency - Midlands Region	July 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Midlands Region	October 2017	Quarterly
Groundwater Vulnerability Map		
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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly

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Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	Annually

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Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Local Authority Landfill Coverage		
Bassetlaw District Council - Environmental Health Department	February 2003	Not Applicable
Nottinghamshire County Council - Environment Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bassetlaw District Council - Environmental Health Department	October 2018	
Nottinghamshire County Council - Environment Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Midlands Region - East Area	March 2006	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - East Area	April 2018	
Environment Agency - Midlands Region - Lower Trent Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Midlands Region - East Area	June 2015	
Environment Agency - Midlands Region - Lower Trent Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		5
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable
Planning Hazardous Substance Consents		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable

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Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	Annually
	7,5111 2020	7 timaany
Potential for Compressible Ground Stability Hazards	January 2010	Annually
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Running Sand Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Shrinking or Swelling Clay Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
	·	,
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	July 2021	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines		
National Grid	October 2021	Annually
Points of Interest - Commercial Services		
PointX	September 2021	Quarterly
Points of Interest - Education and Health		
PointX	September 2021	Quarterly
Points of Interest - Manufacturing and Production		
PointX	September 2021	Quarterly
	- Coptombol 2021	Quartony
Points of Interest - Public Infrastructure PointX	Sontombor 2024	Quartarly
	September 2021	Quarterly
Points of Interest - Recreational and Environmental	<b>A</b>	•
PointX	September 2021	Quarterly
Underground Electrical Cables		
National Grid	May 2021	Annually

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# **Data Currency**

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Mop data
Environment Agency	Environment
Scottish Environment Protection Agency	SEPA
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey MATURAL ENVIRONMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyfoeth Naturiol Cyfru Natural Resources Wales
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 収金品
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	ARUP Stantec



### **Useful Contacts**

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: [REDACTED]	
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	Environment Agency - Head Office Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409	
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk	
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk	
6	Nottinghamshire County Council - Environment Department  5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk	
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website:	
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]	
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website:	
-	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: [REDACTED]	
-	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: [REDACTED]	

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

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 34 of 34

## **Geology 1:50,000 Maps Legends**

#### **Superficial Geology**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

#### **Bedrock and Faults**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CLB	Clarborough Member	Siltstone	Not Supplied - Ladinian
	CLB	Clarborough Member	Mudstone	Not Supplied - Ladinian
	MMG	Mercia Mudstone Group	Siltstone, Dolomitic	Not Supplied - Early Triassic
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
/		Faults		



#### Geology 1:50,000 Maps

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

The various geological layers - artificial and landslip deposits, superficial

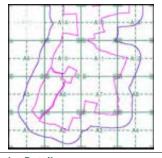
geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

#### Geology 1:50,000 Maps Coverage

Map ID: Map Sheet No: Map Name: East Retford 1967 Map Date: Available Superficial Geology: Artificial Geology: Not Available Not Supplied

Landslip: Not Available

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





#### **Order Details:**

Order Number: Customer Reference: National Grid Reference:

287332060_1_1 21-1098.02 474000, 388930 A 247.84 Site Area (Ha): Search Buffer (m):

Site Details:

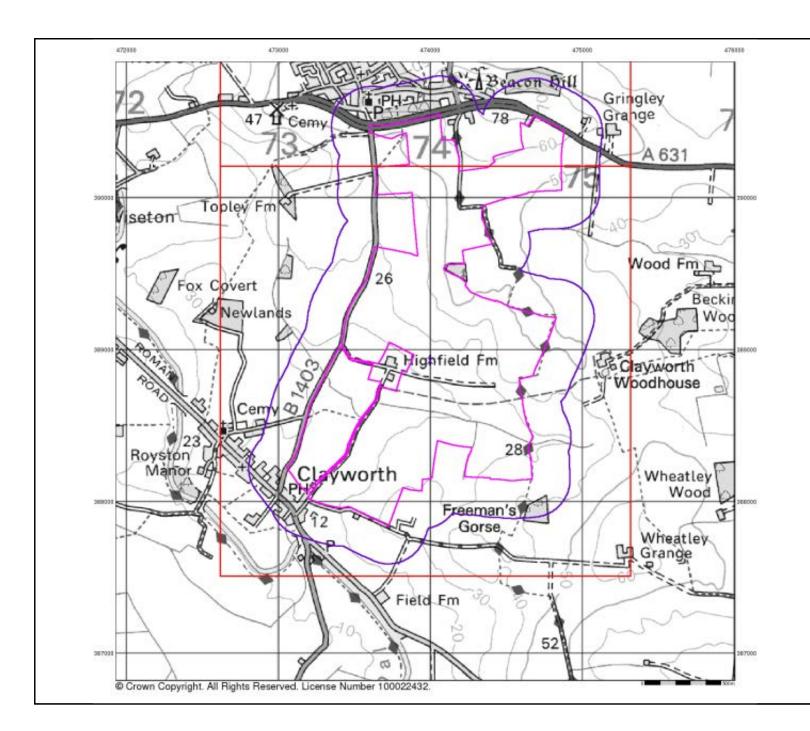
West Burton 4



0844 844 9952 0844 844 9951

v15.0 04-Nov-2021

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#### **Artificial Ground and Landslip**

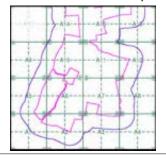
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions 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
- 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
- Disturbed ground areas of ill-defined shallow or near surface mineral workings where it is impracticable to map made and worked ground separately).

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

#### Artificial Ground and Landslip Map - Slice A





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: 287332060_1_1 21-1098.02 474000, 388930 A 247.84

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

250

#### Site Details:

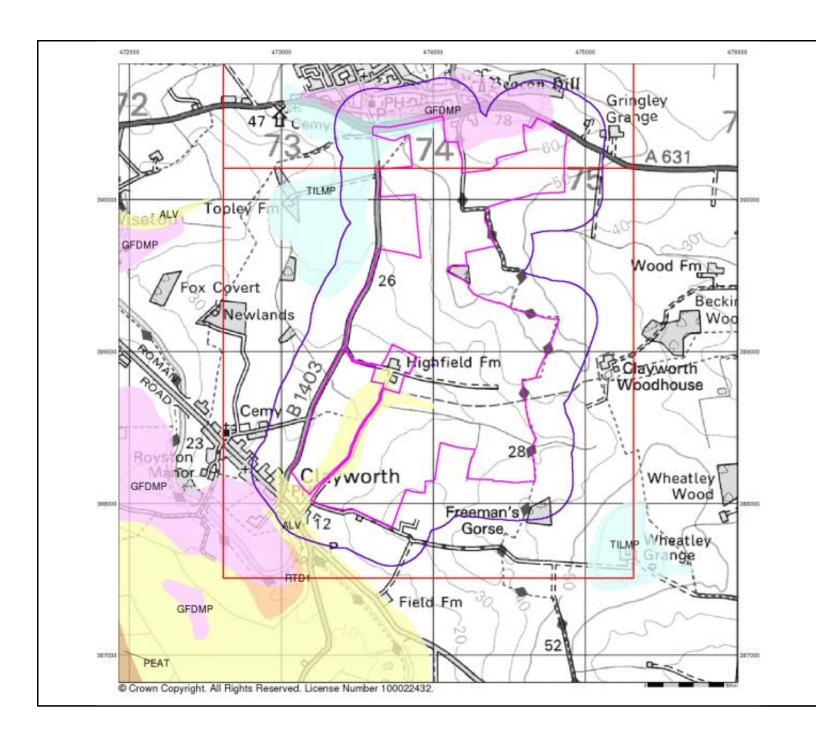
West Burton 4



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v15.0 04-Nov-2021

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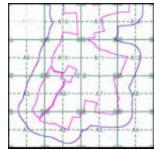
#### Superficial Geology

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

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

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

#### Superficial Geology Map - Slice A





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m): 287332060_1_1 21-1098.02 474000, 388930 A 247.84

Site Details:

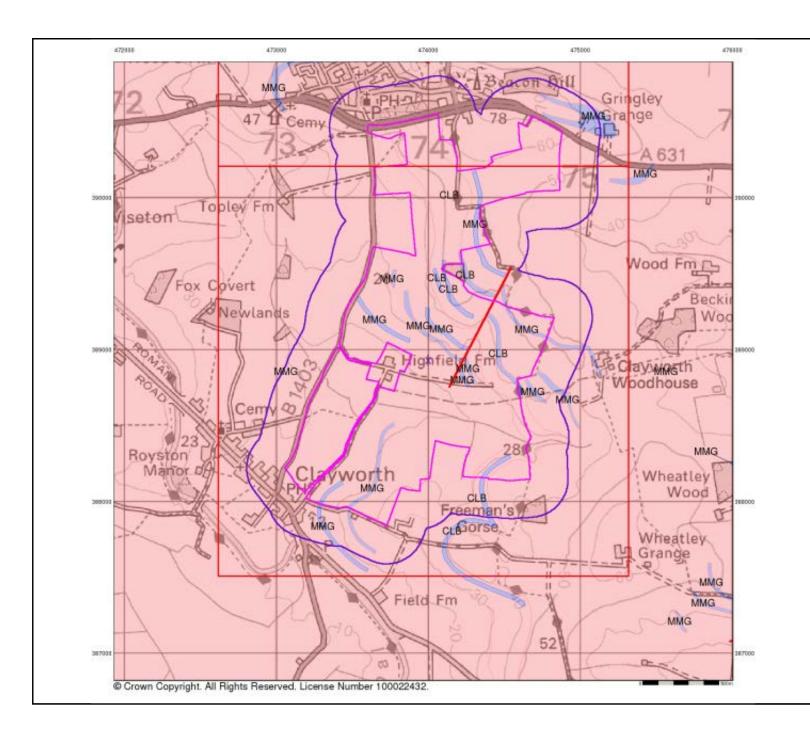
West Burton 4

Landmark*

rel: 0844 844 9952 rax: 0844 844 9951 Veb: www.envirocheck.c

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#### **Bedrock and Faults**

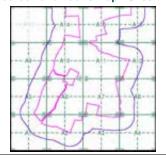
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 lader, up to the relatively young Pliocene, 1.8 million years ago.

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

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

#### Bedrock and Faults Map - Slice A





#### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

474000, 388930 A 247.84 250

287332060_1_1 21-1098.02

#### Site Details:

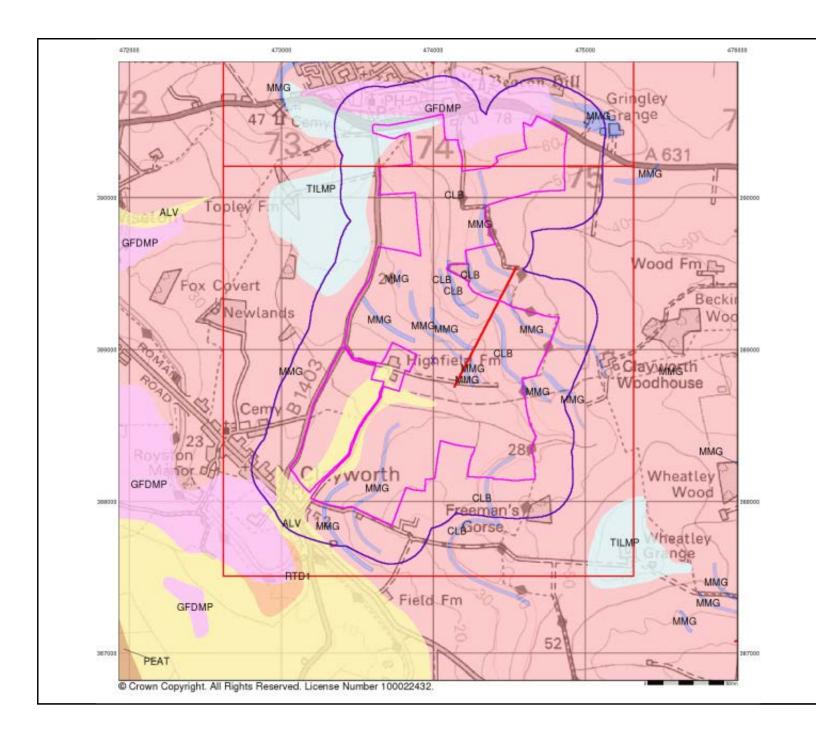
West Burton 4

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v15.0 04-Nov-2021

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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.

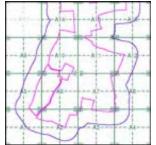
#### **Additional Information**

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: [REDACTED]uk

#### Combined Geology Map - Slice A





#### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

474000, 388930 A 247.84 250

287332060_1_1 21-1098.02

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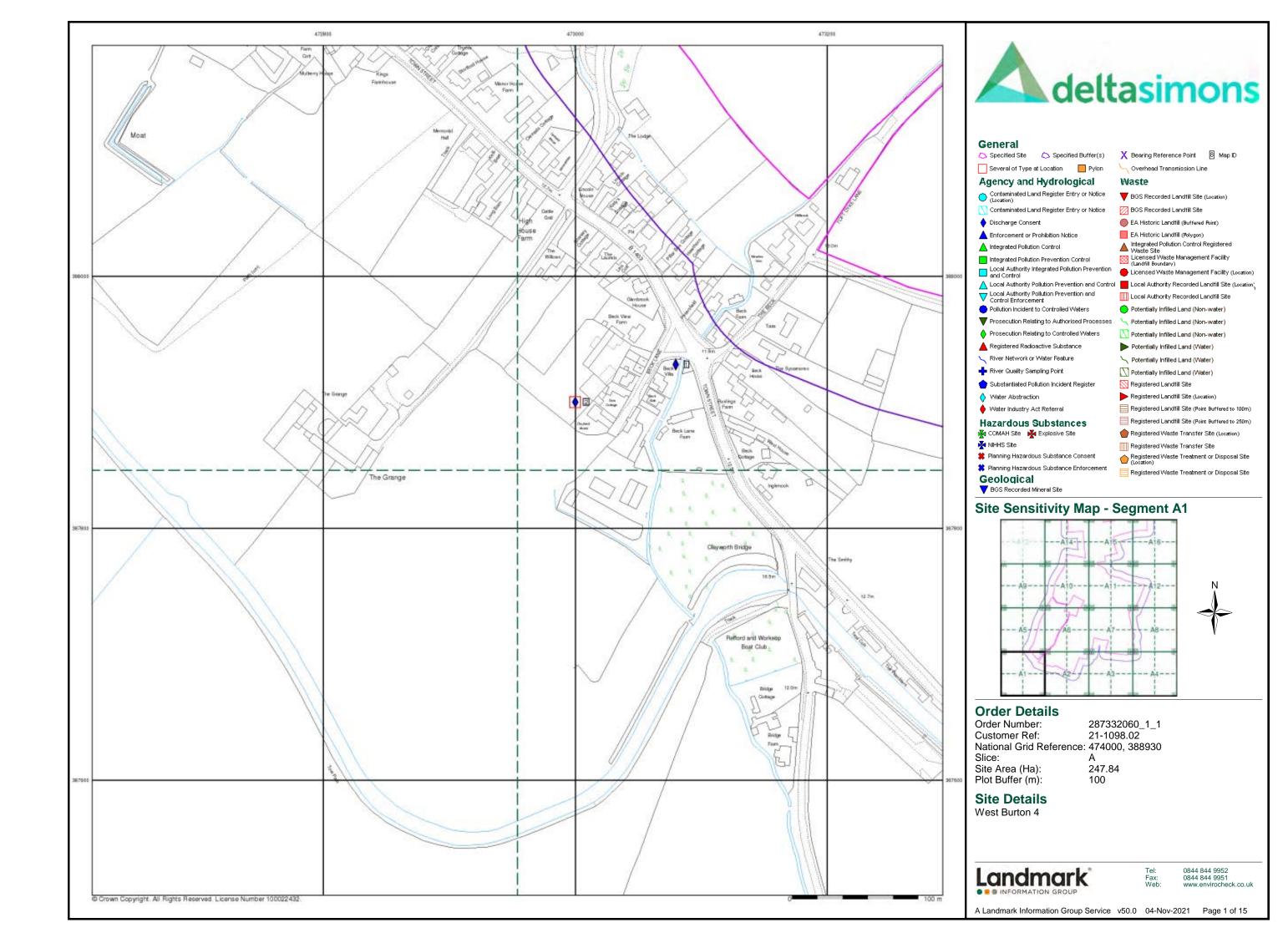
West Burton 4

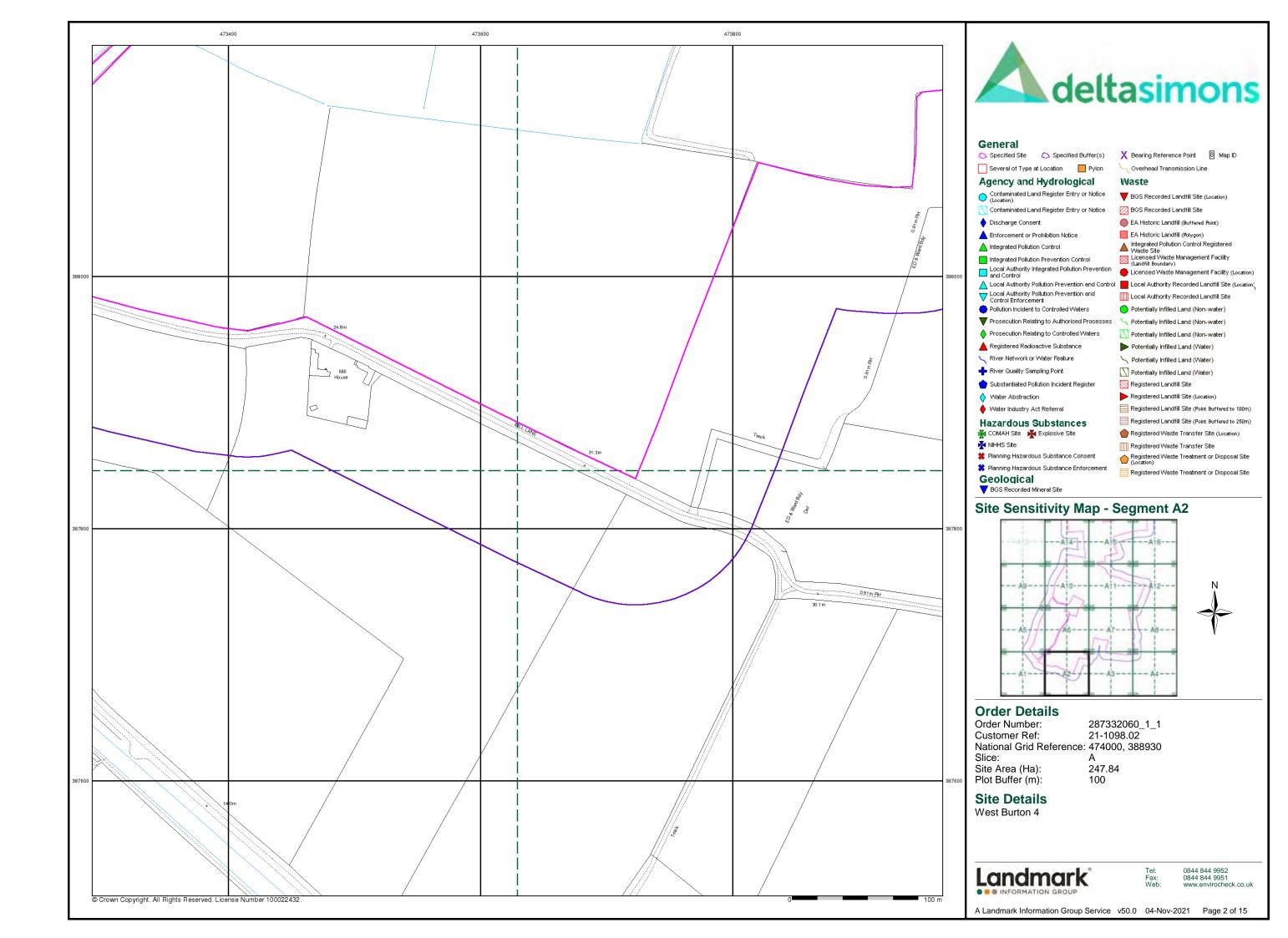
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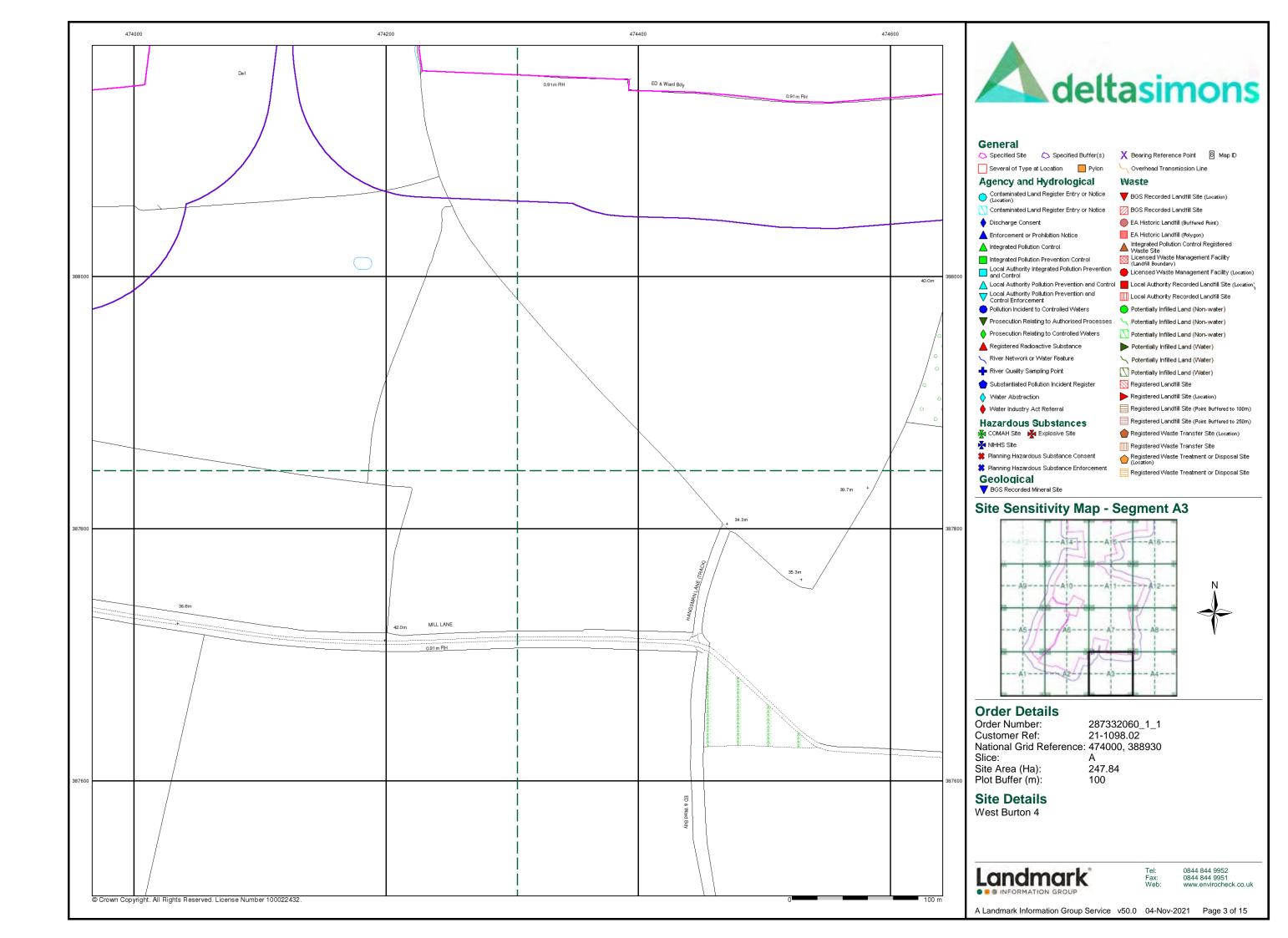
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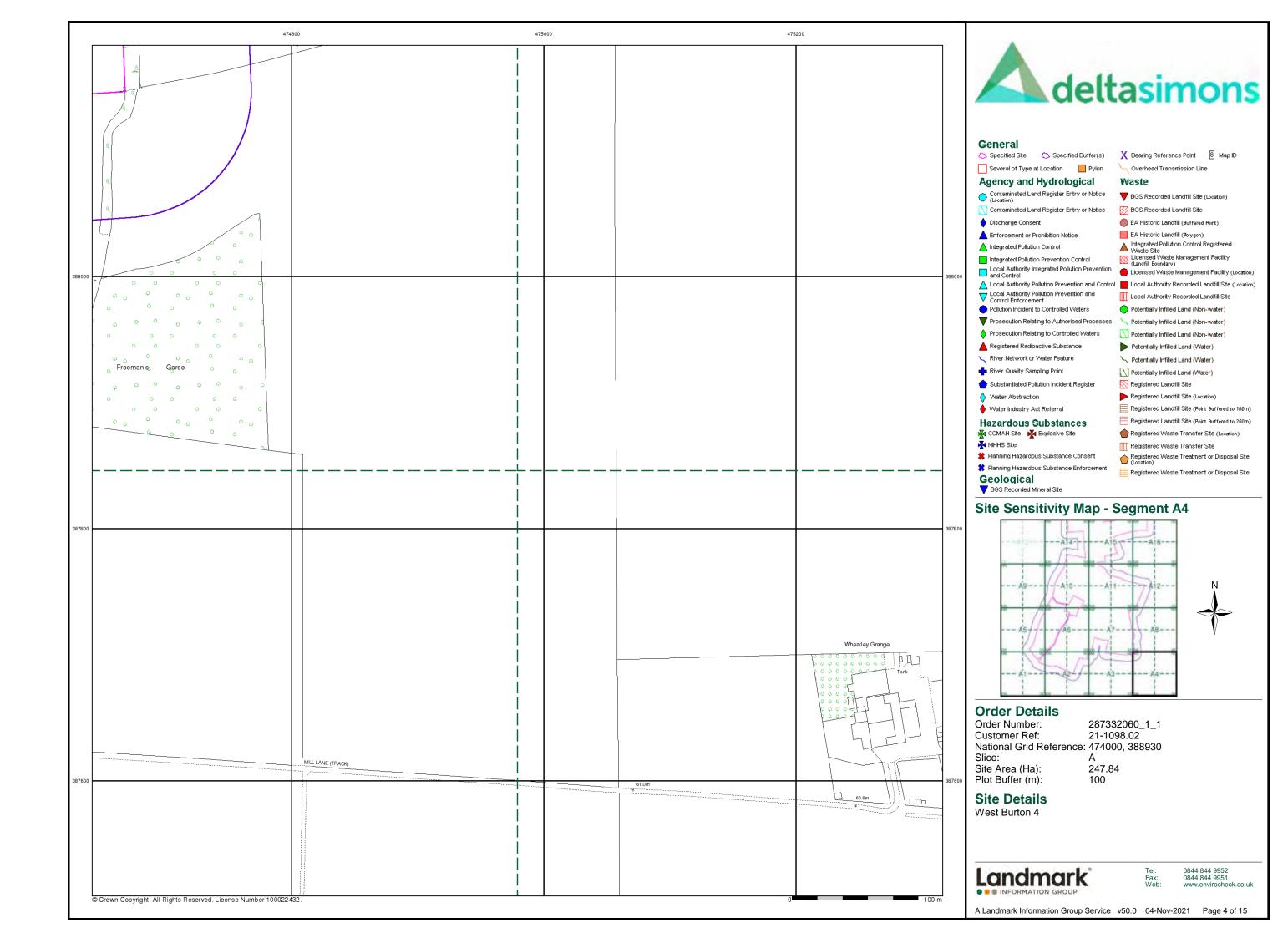
v15.0 04-Nov-2021

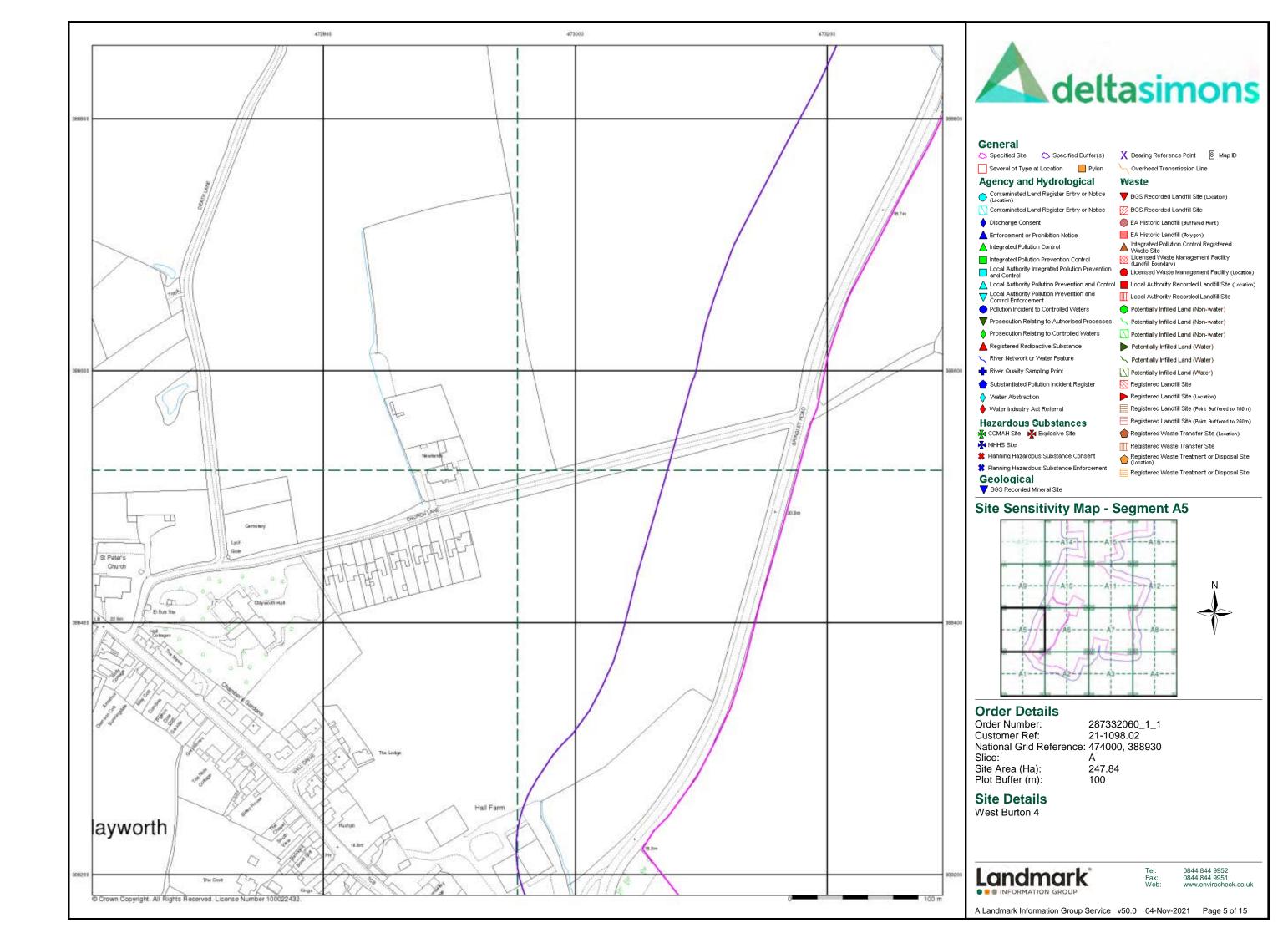
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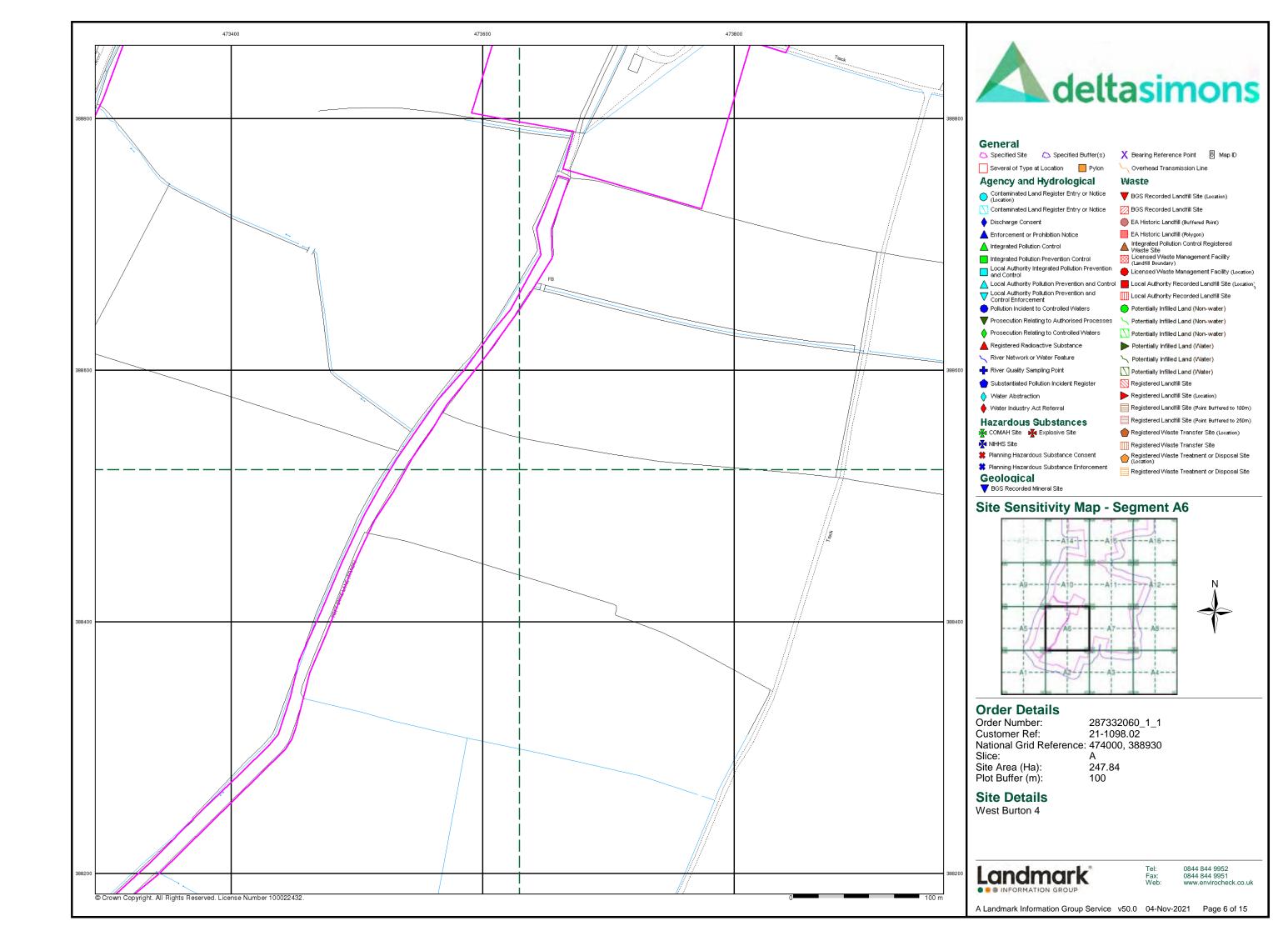


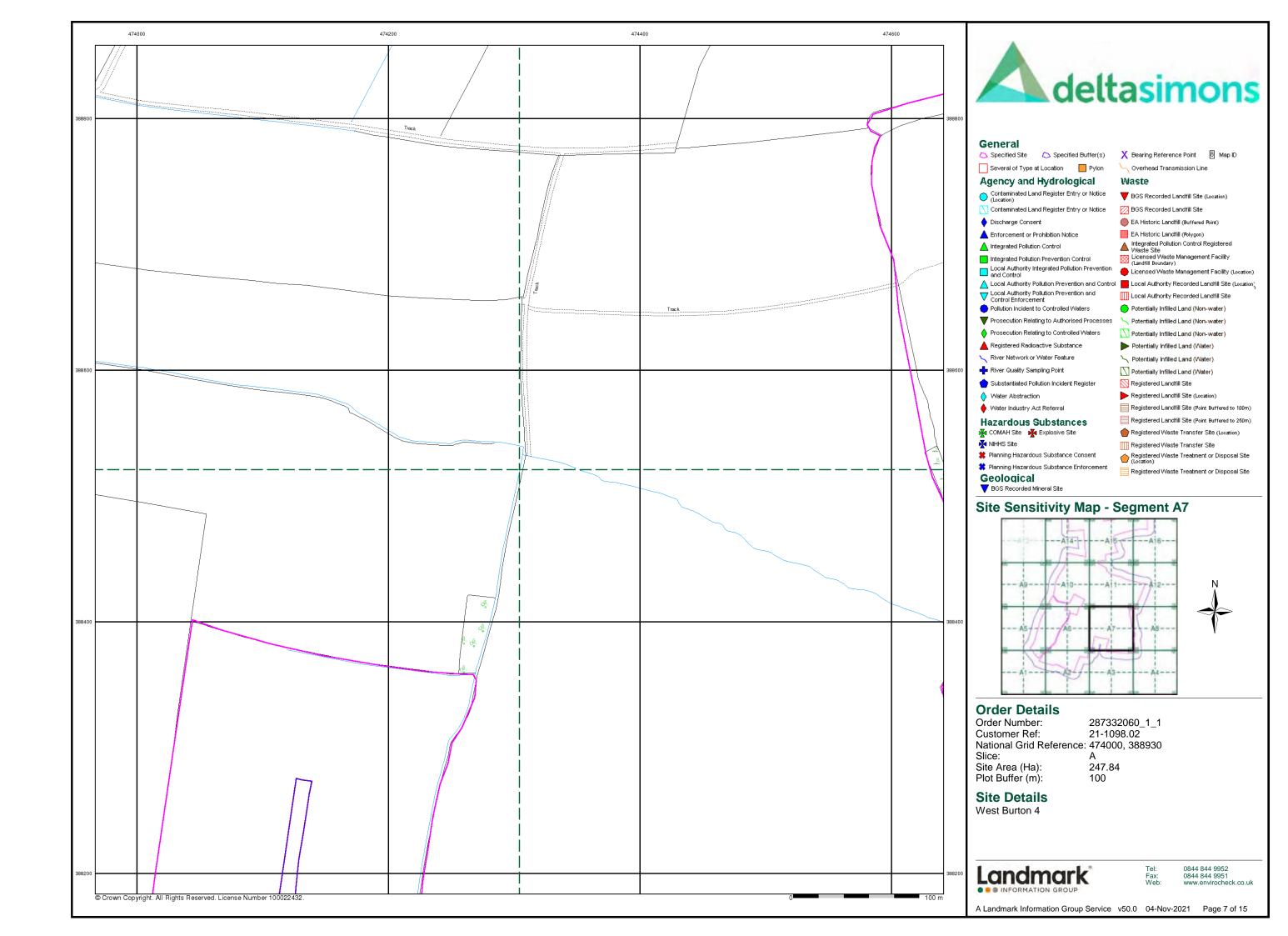


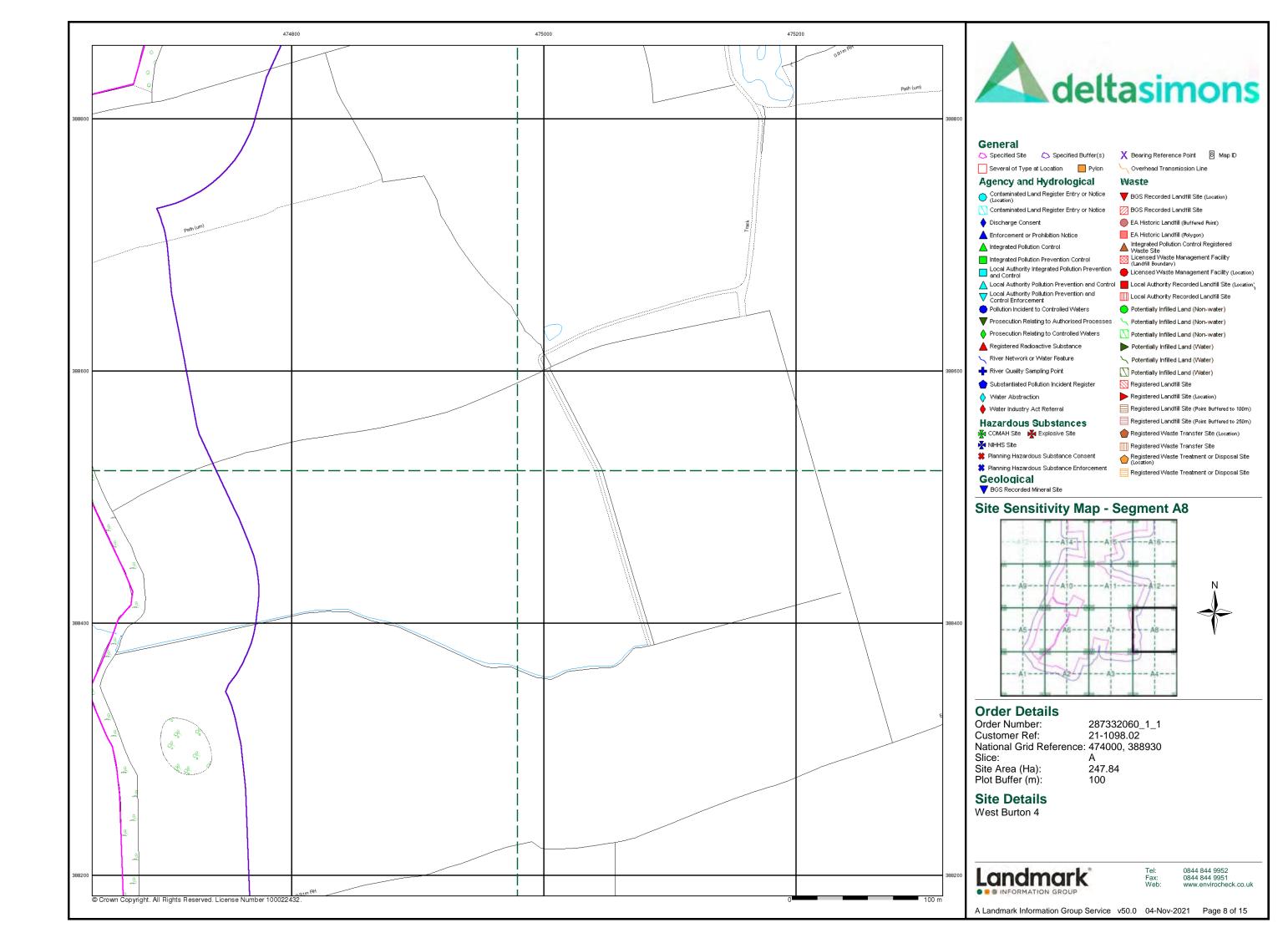


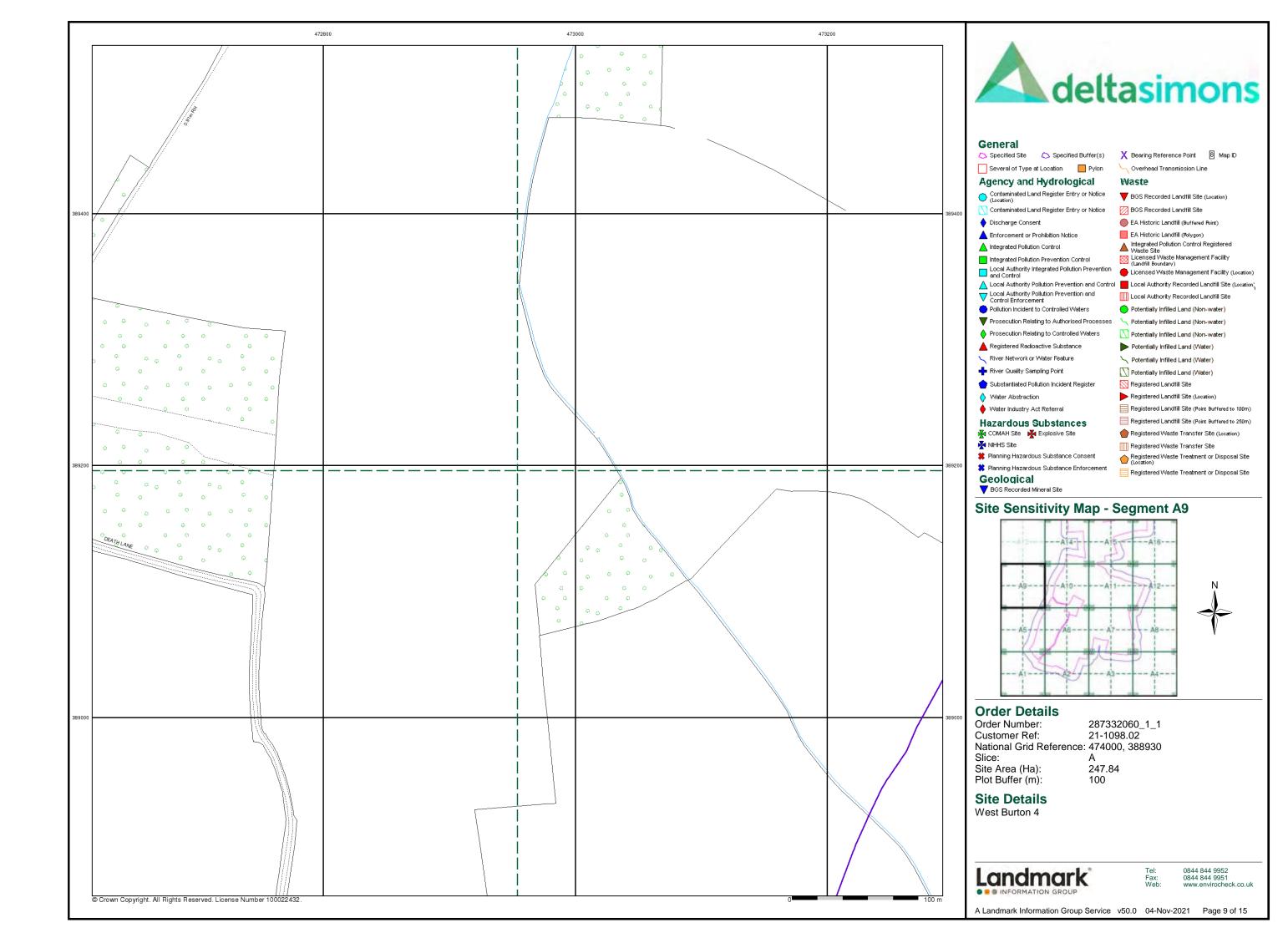


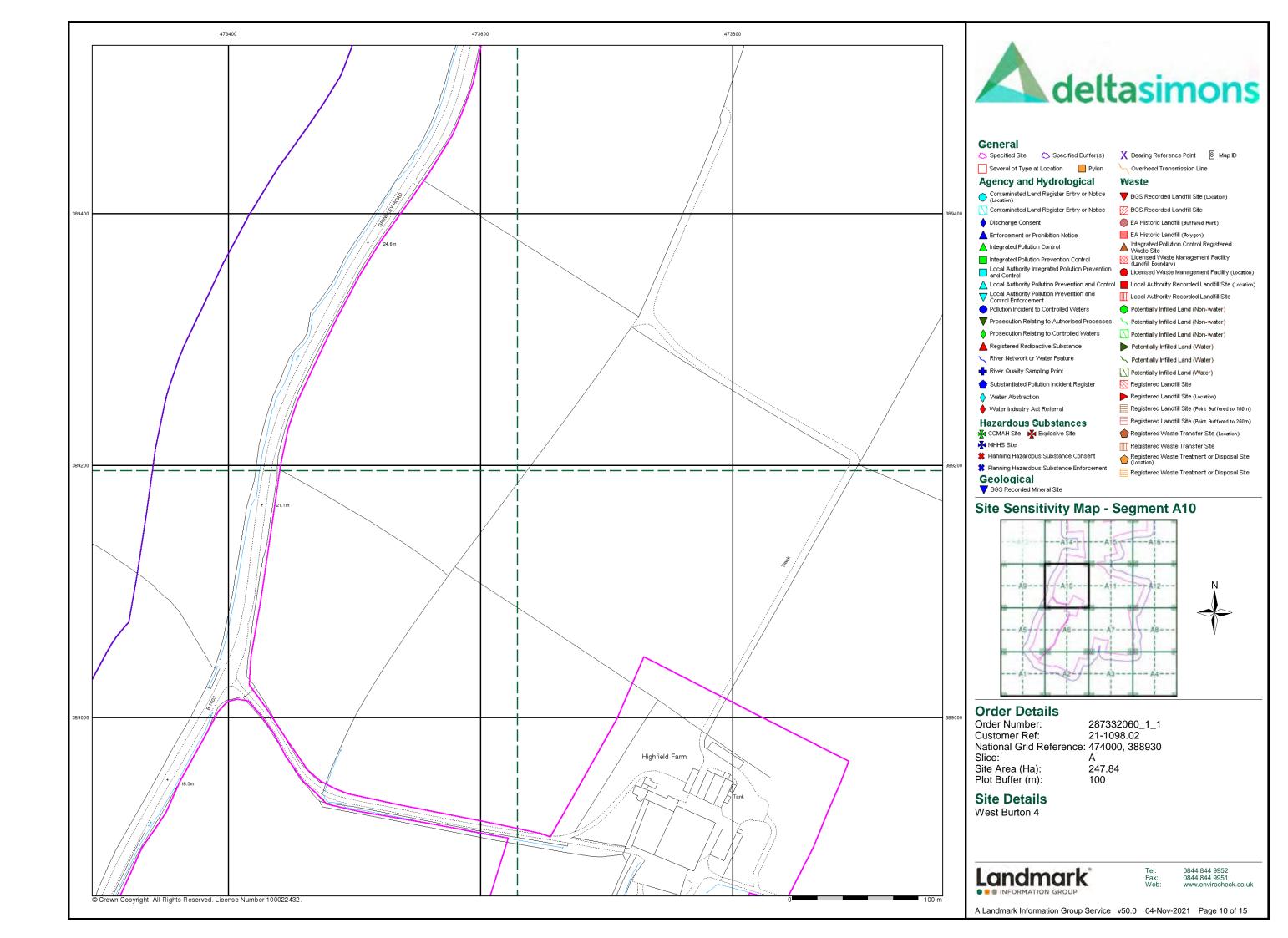


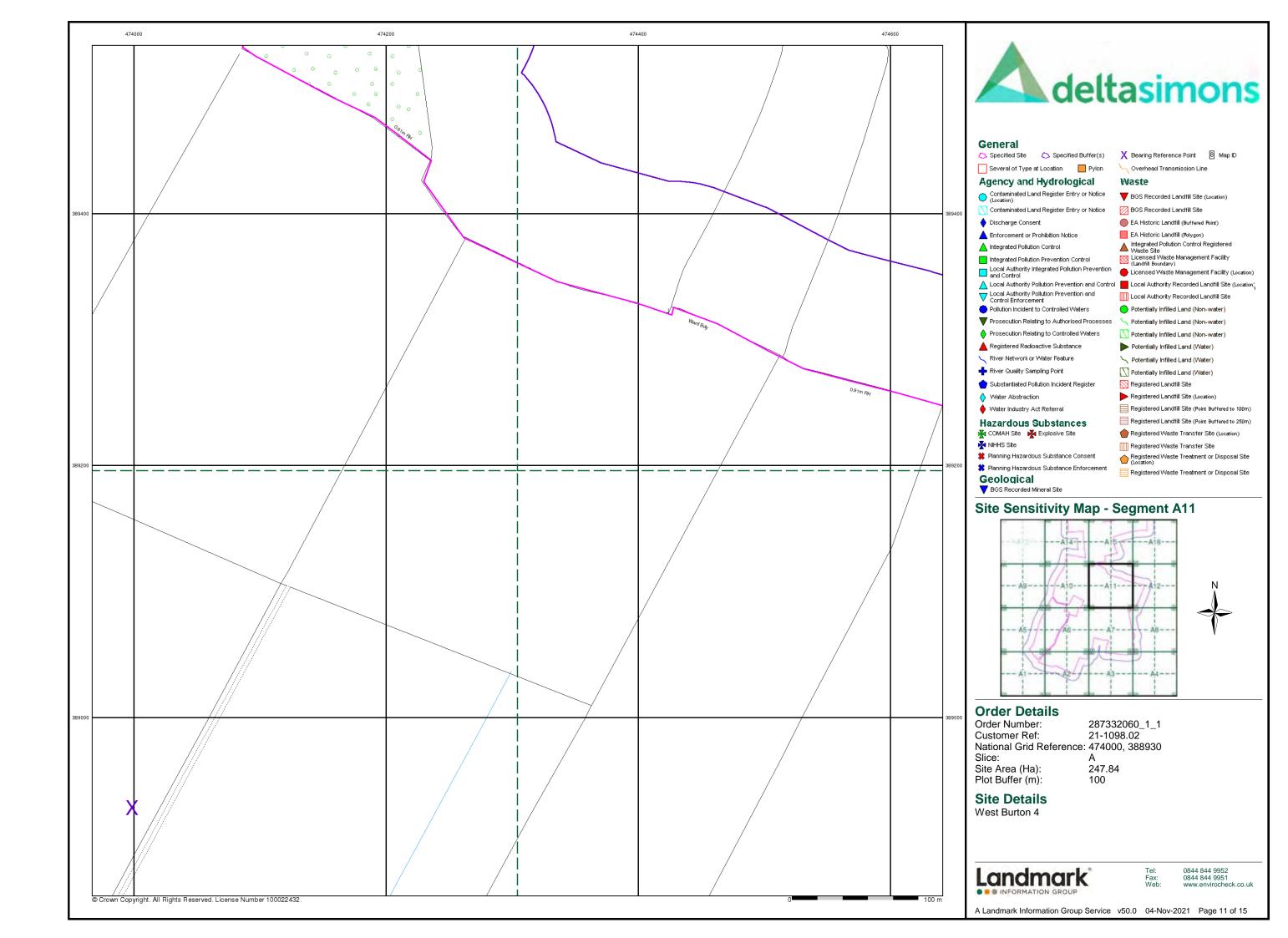


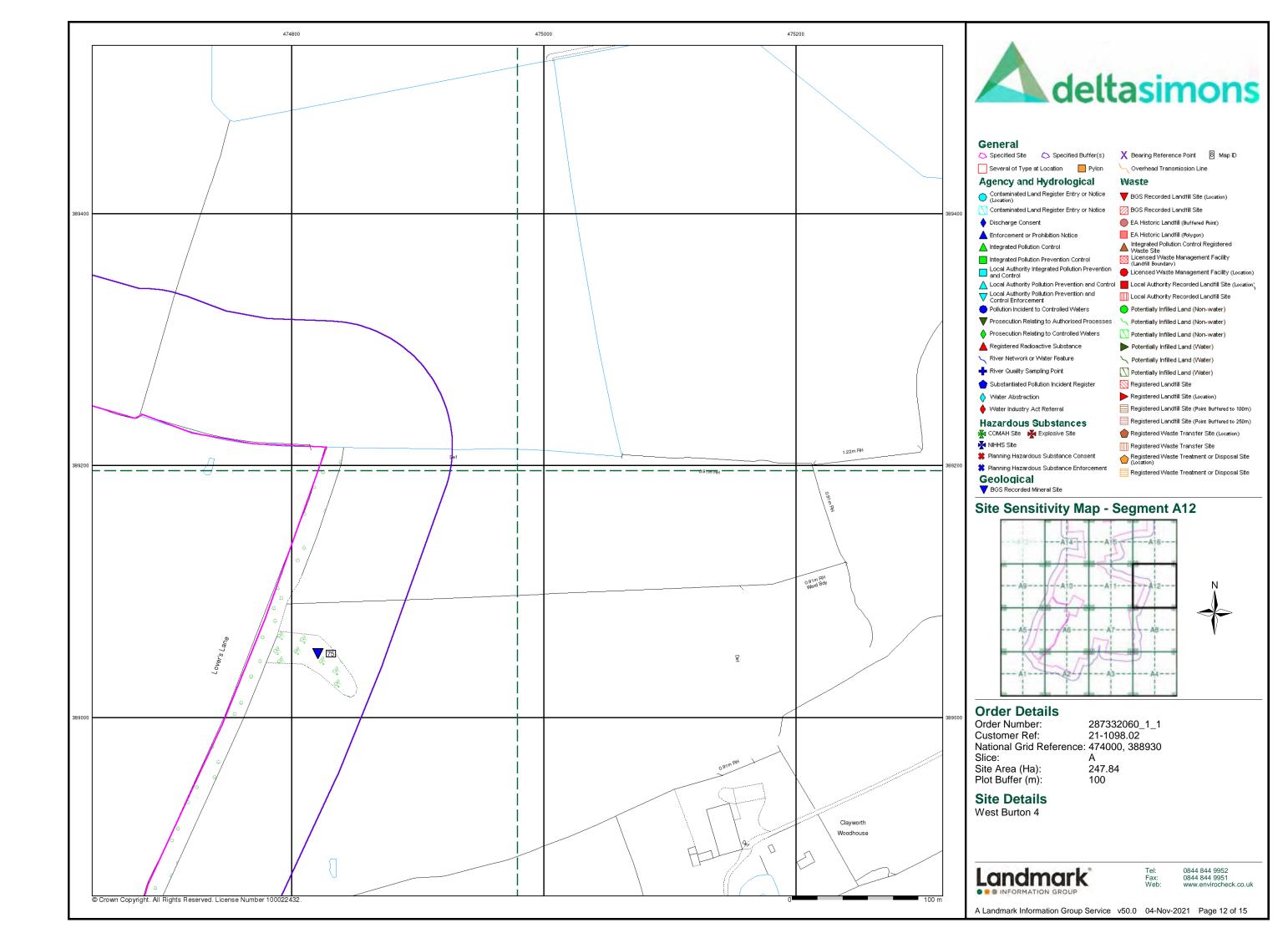


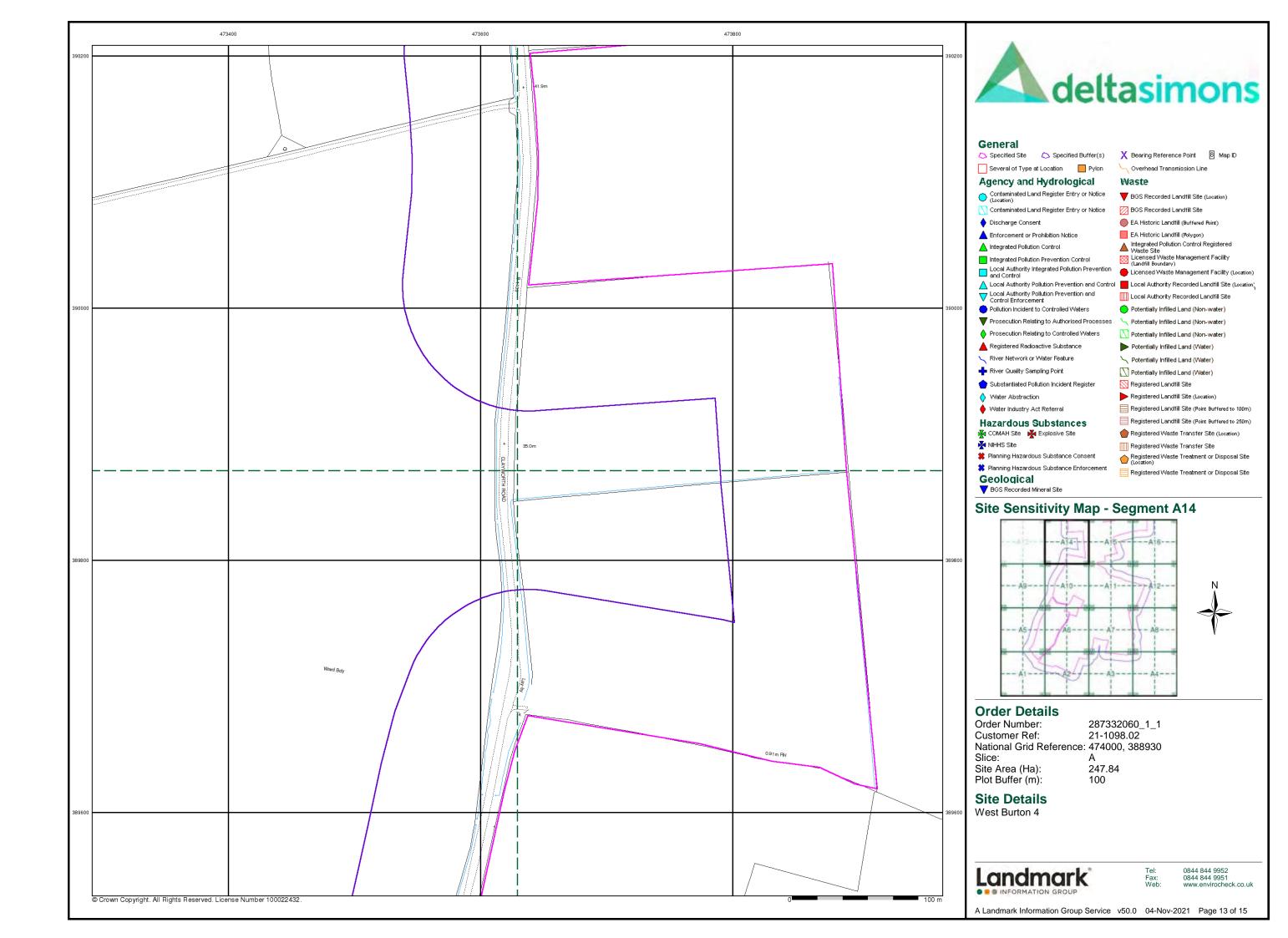


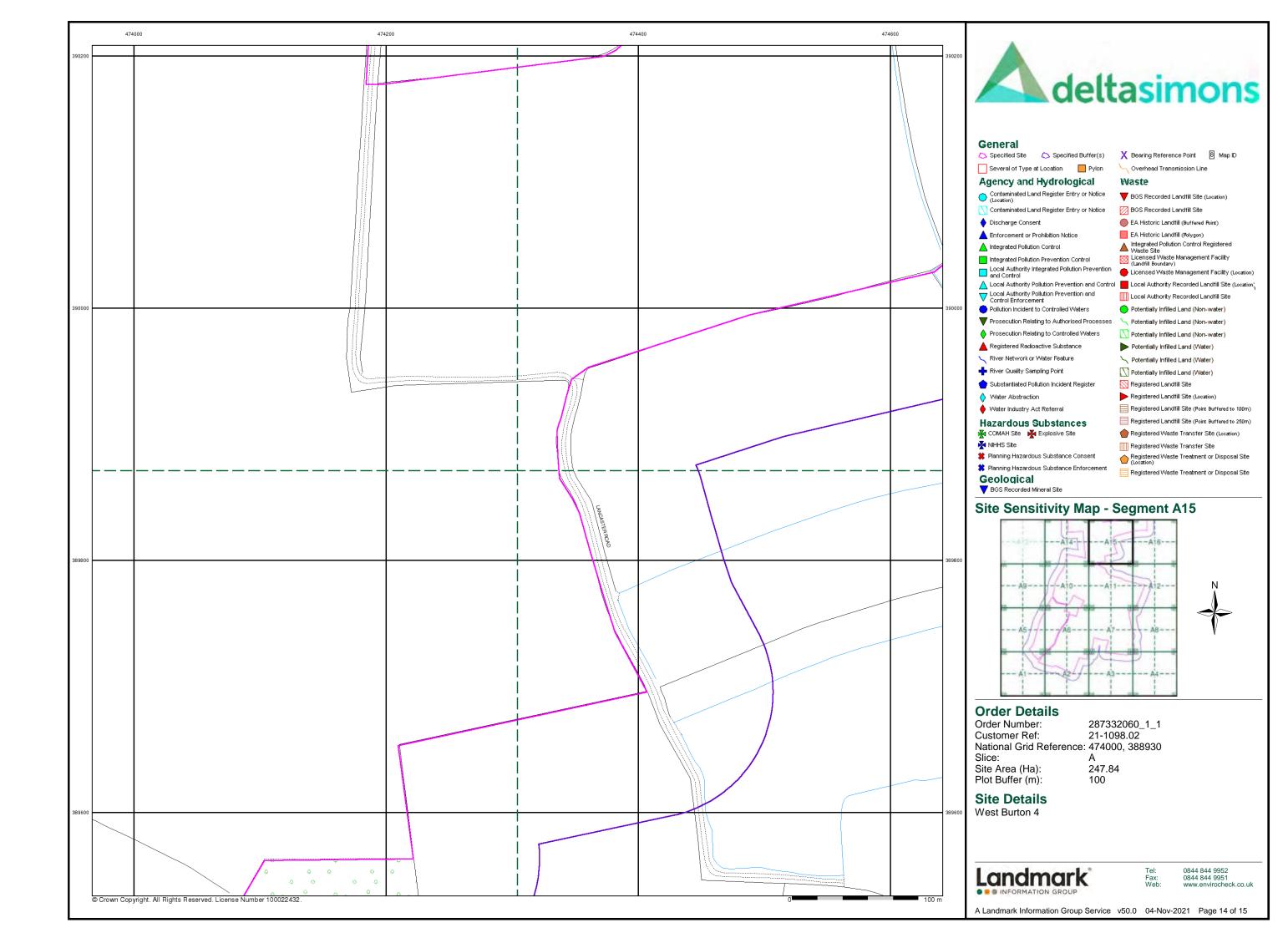


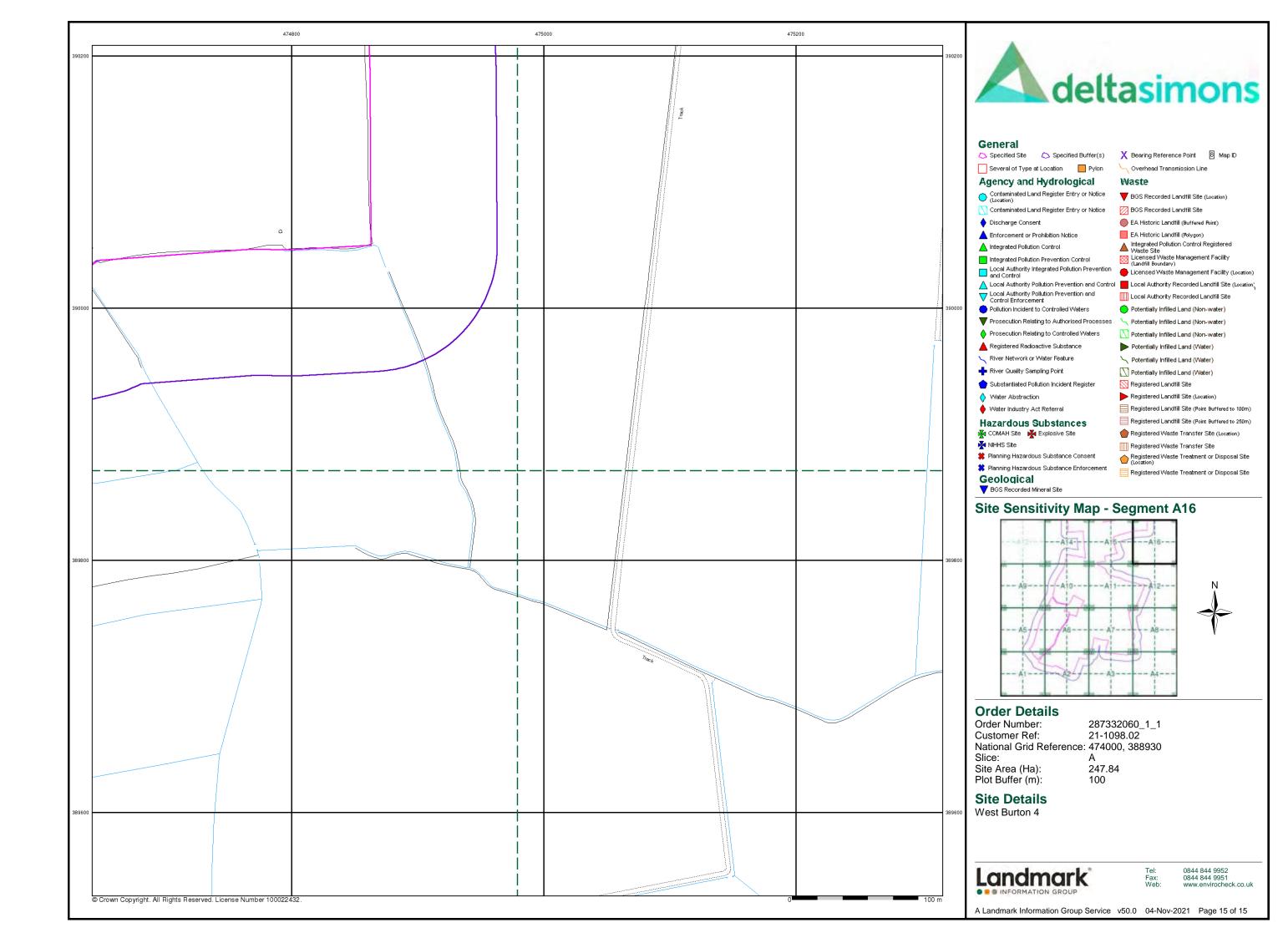


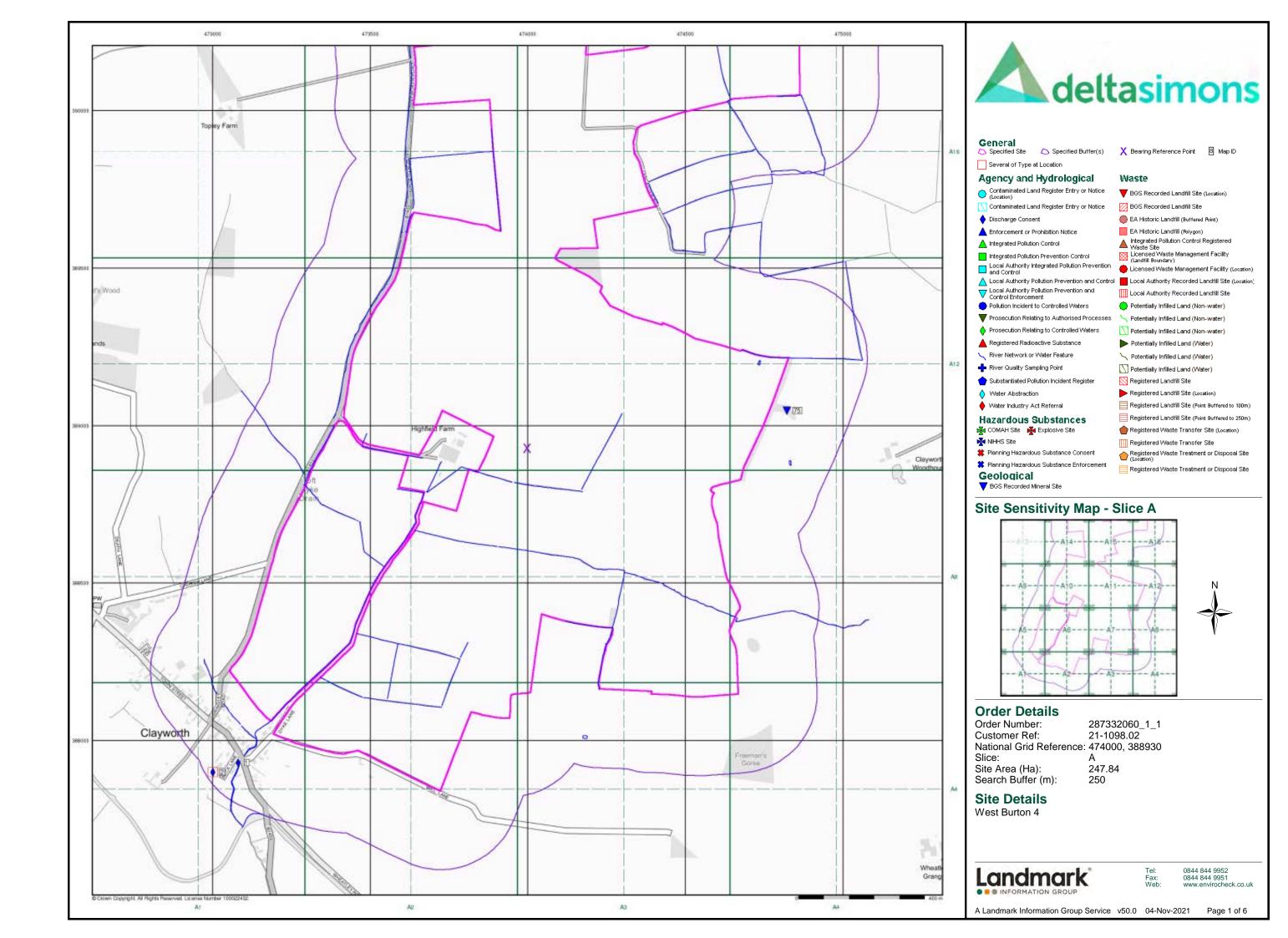


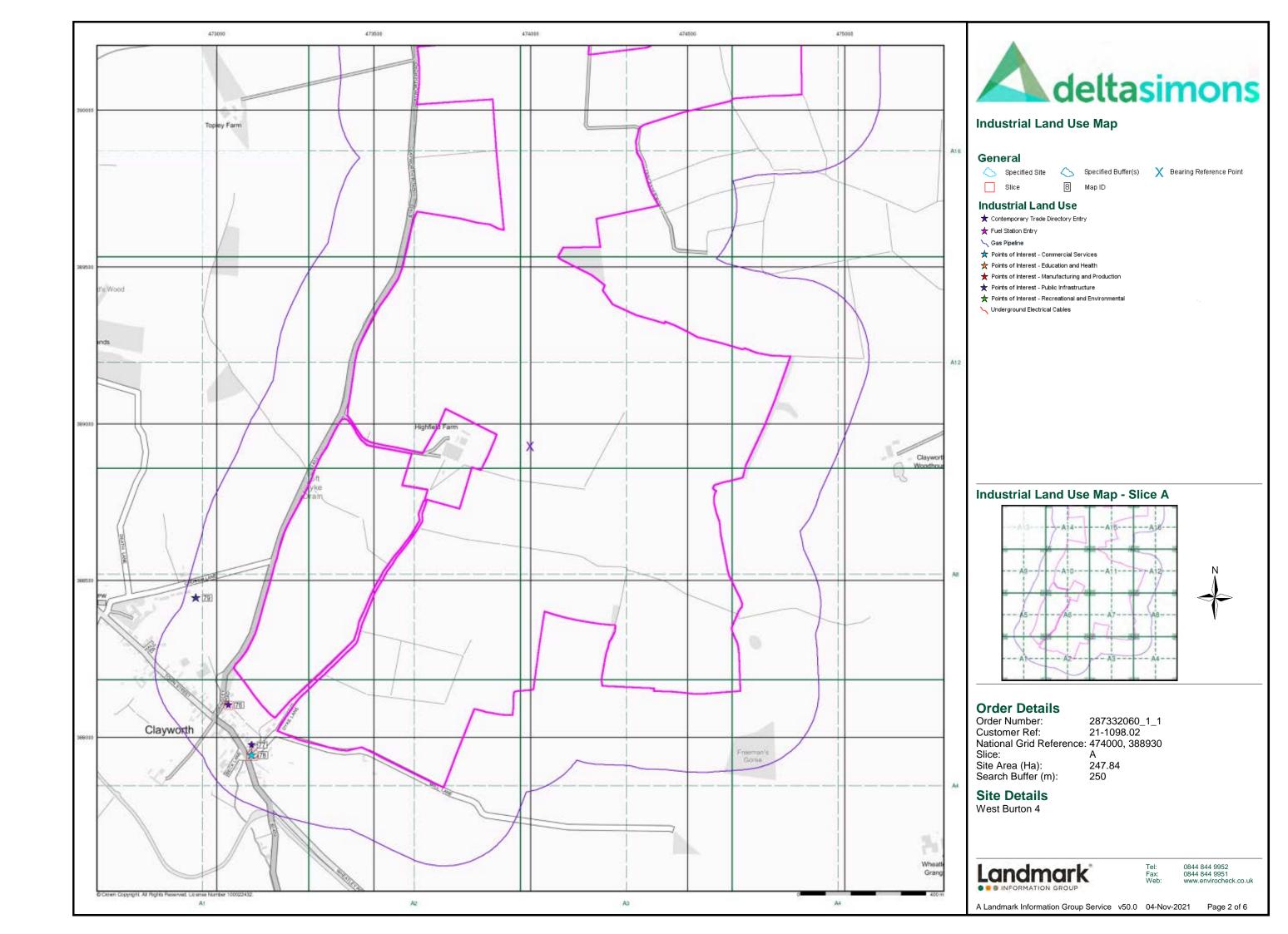


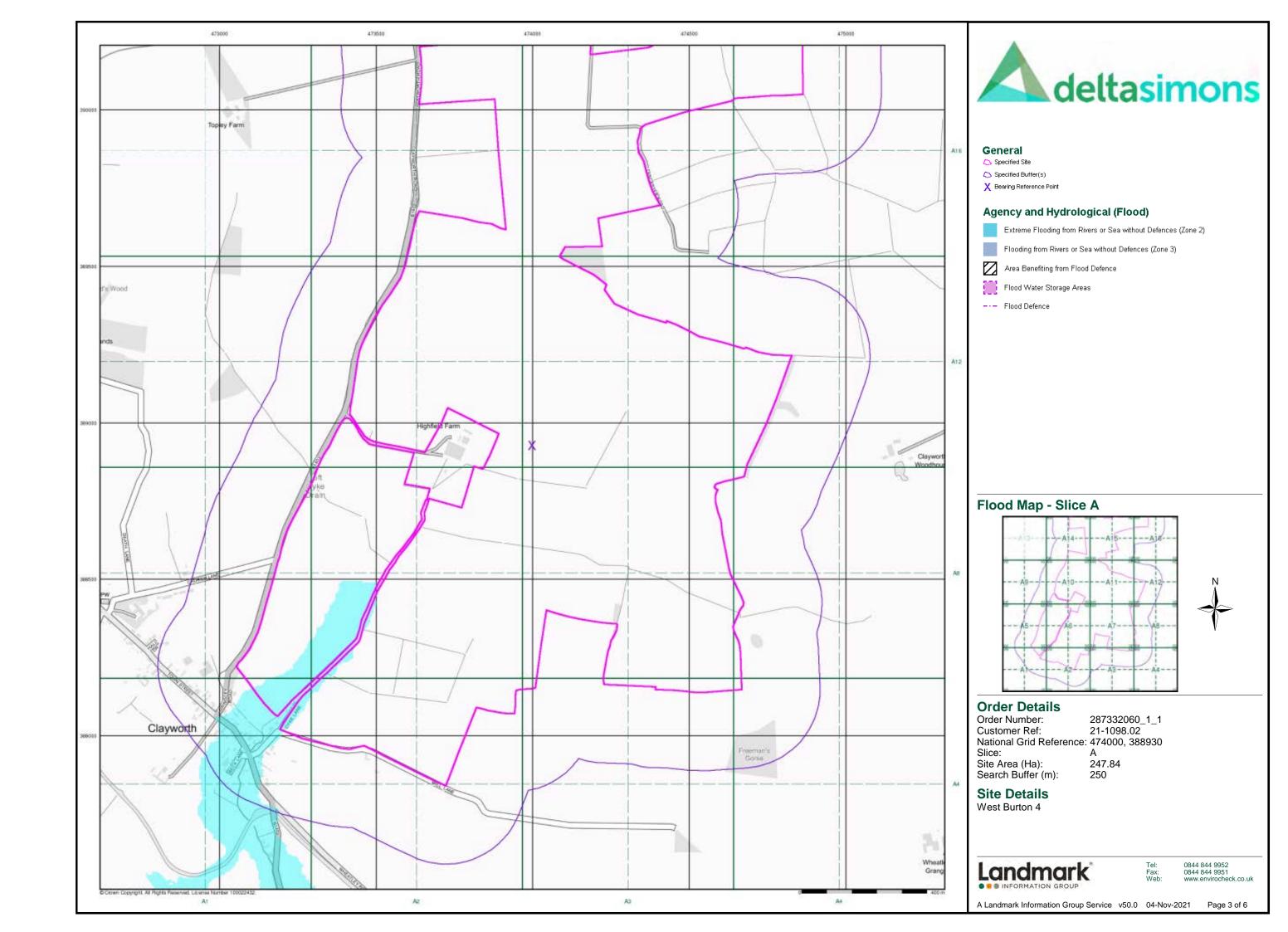


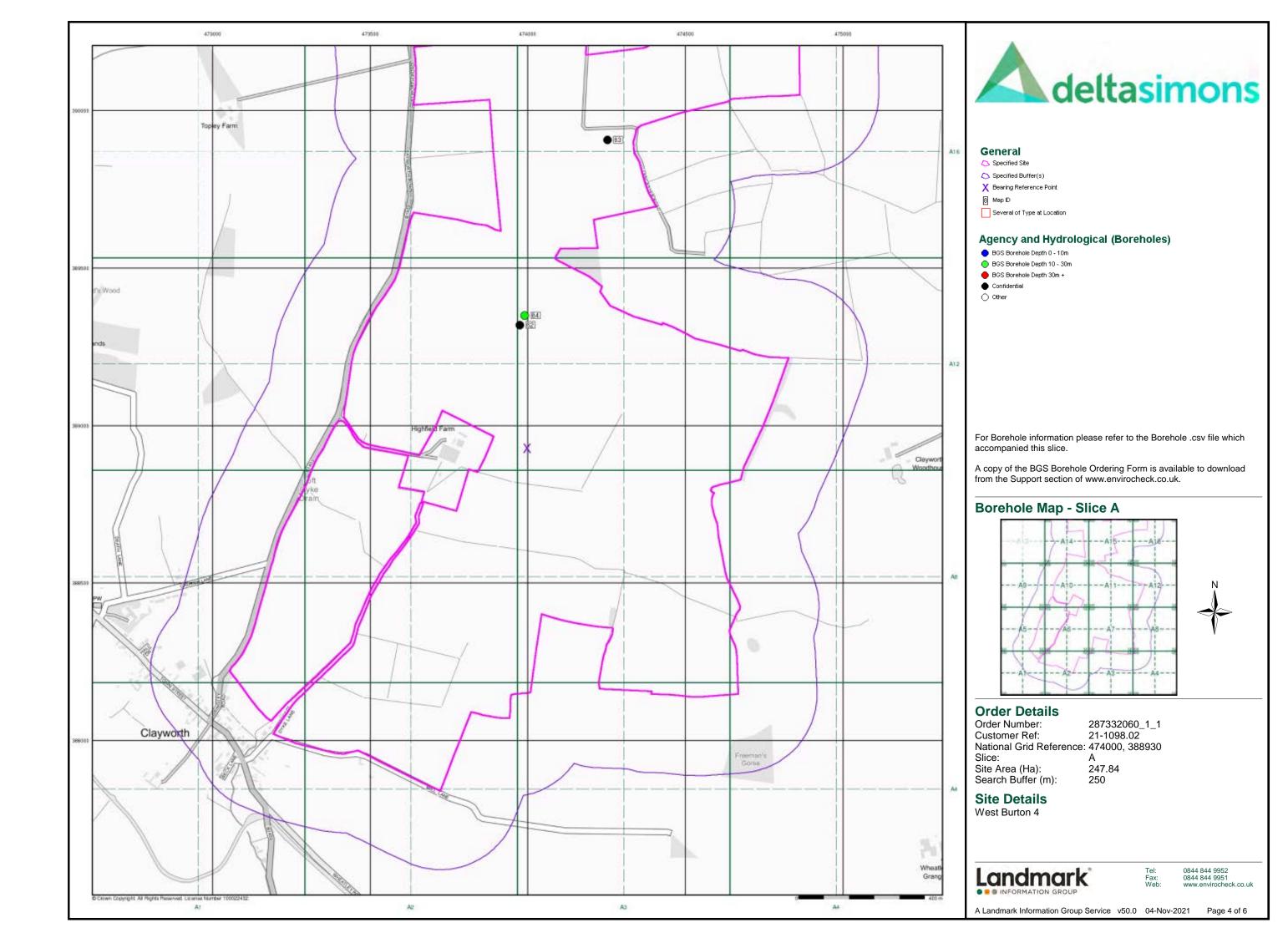


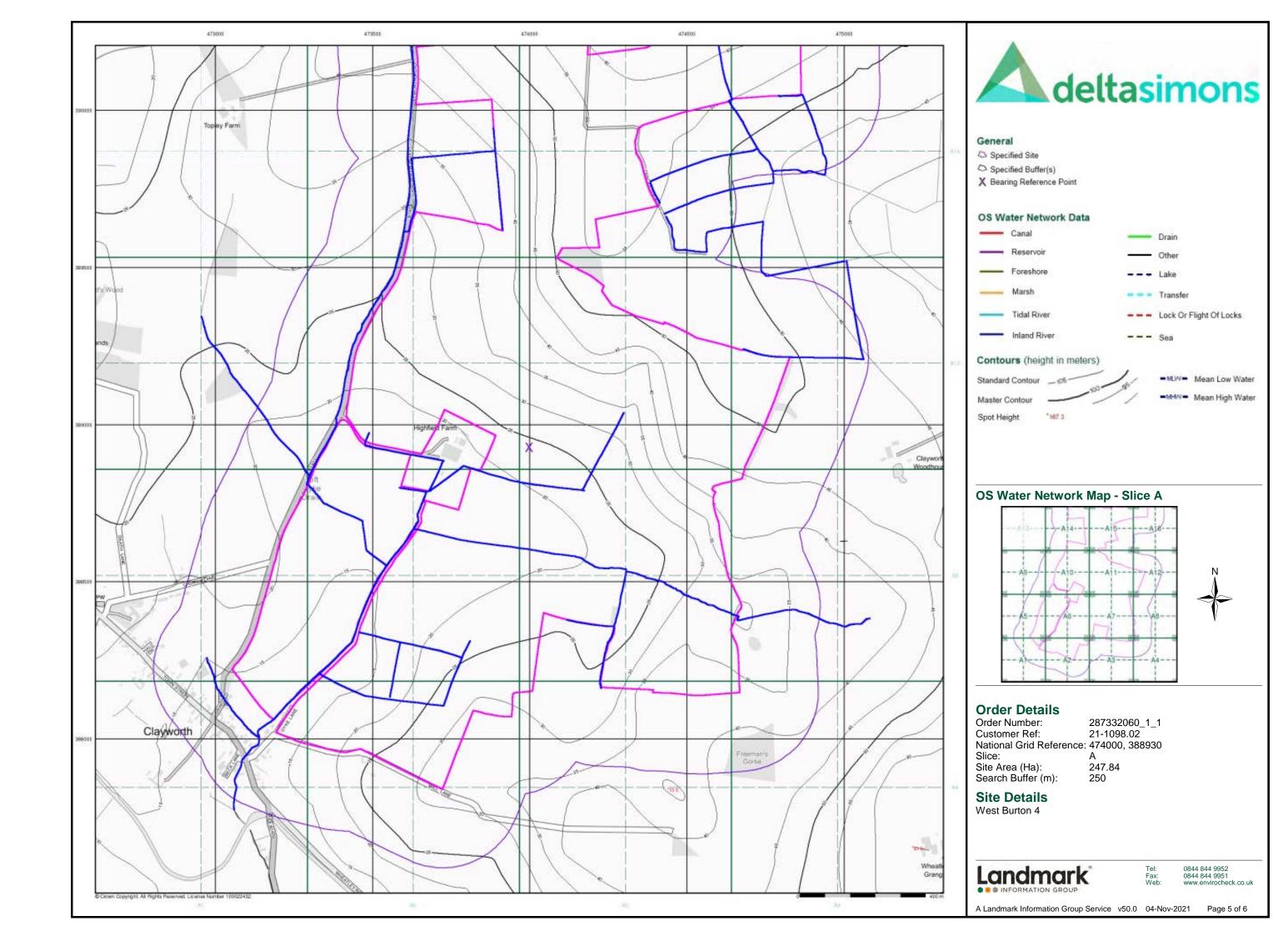


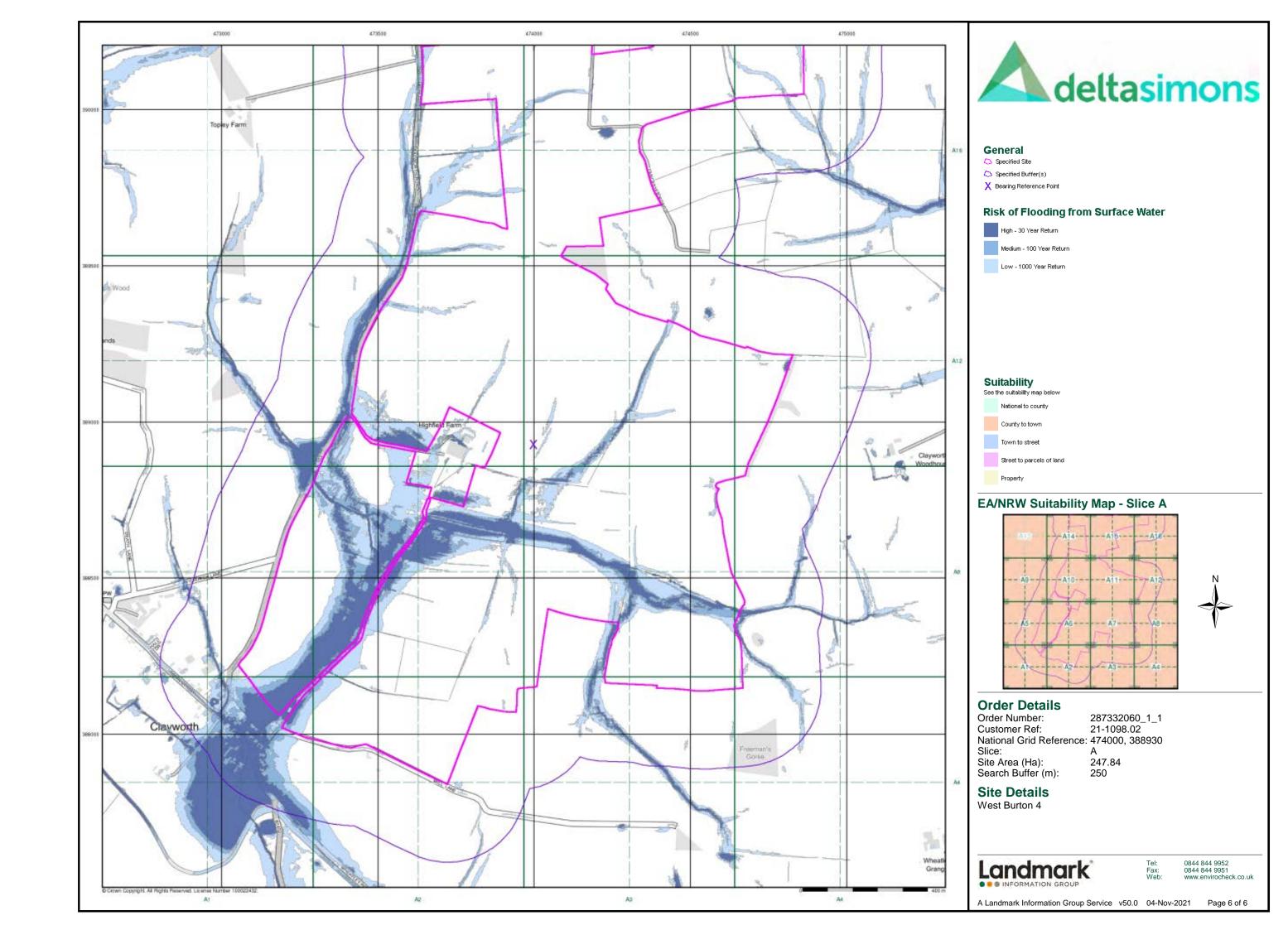


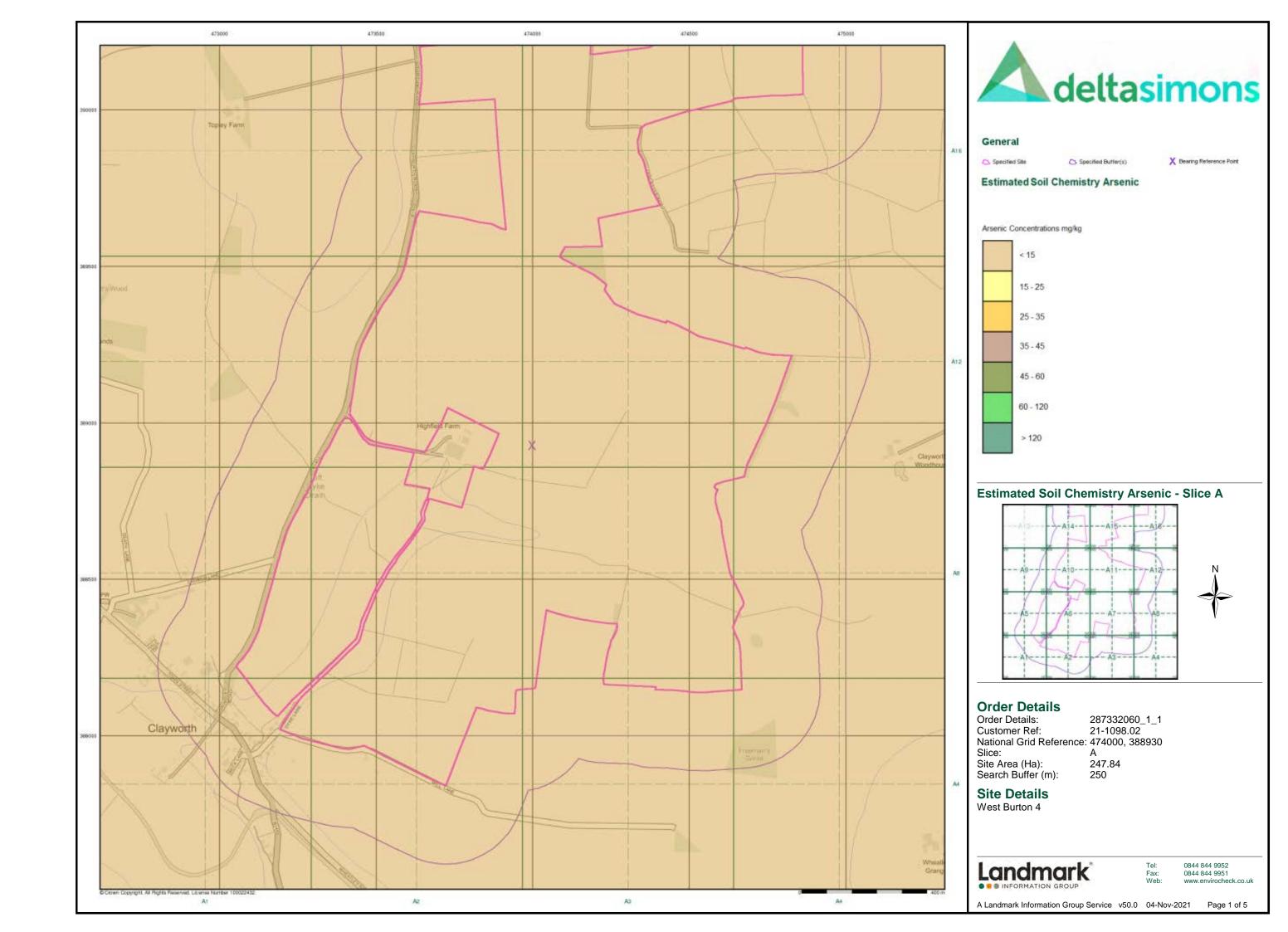


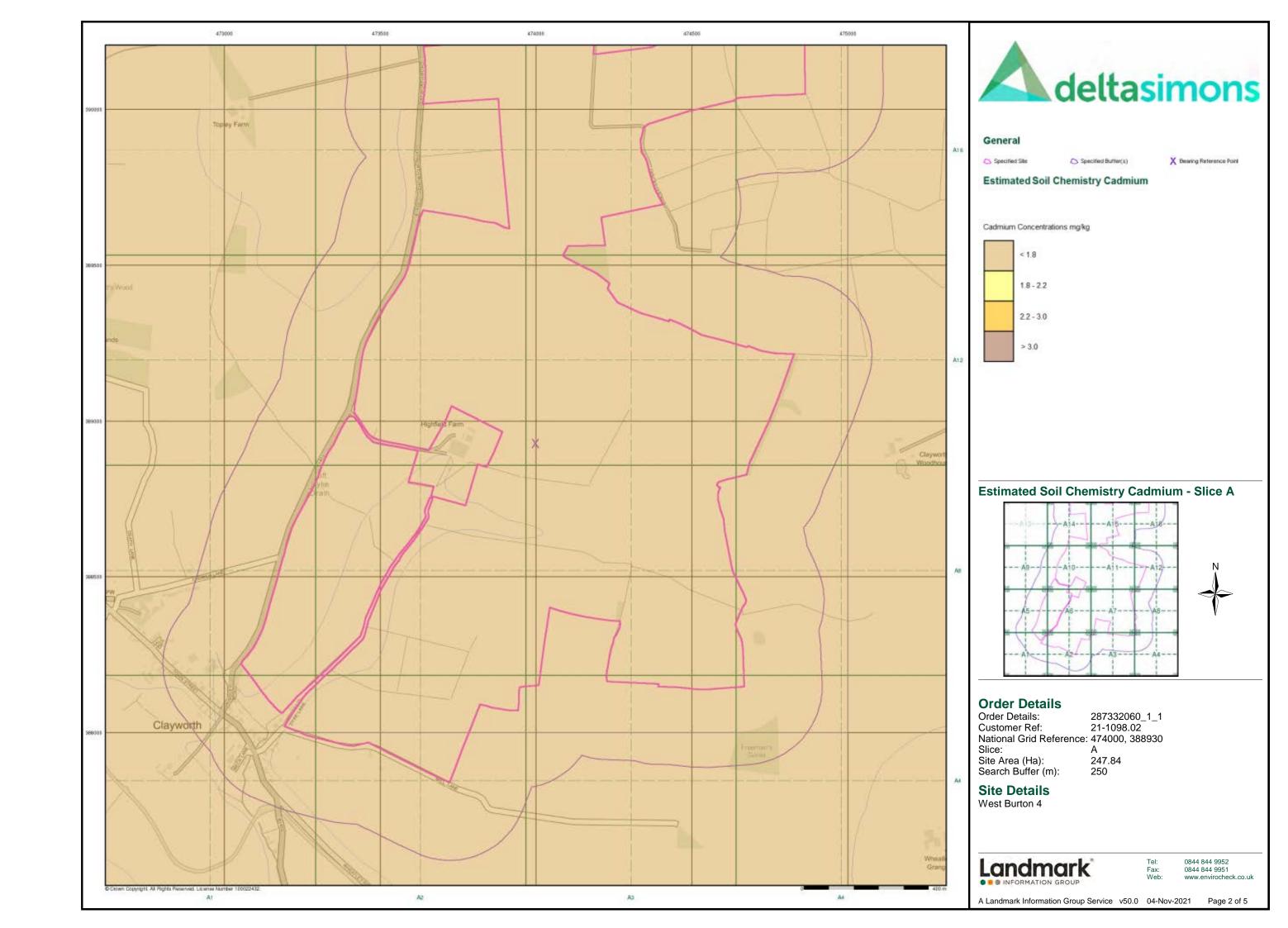


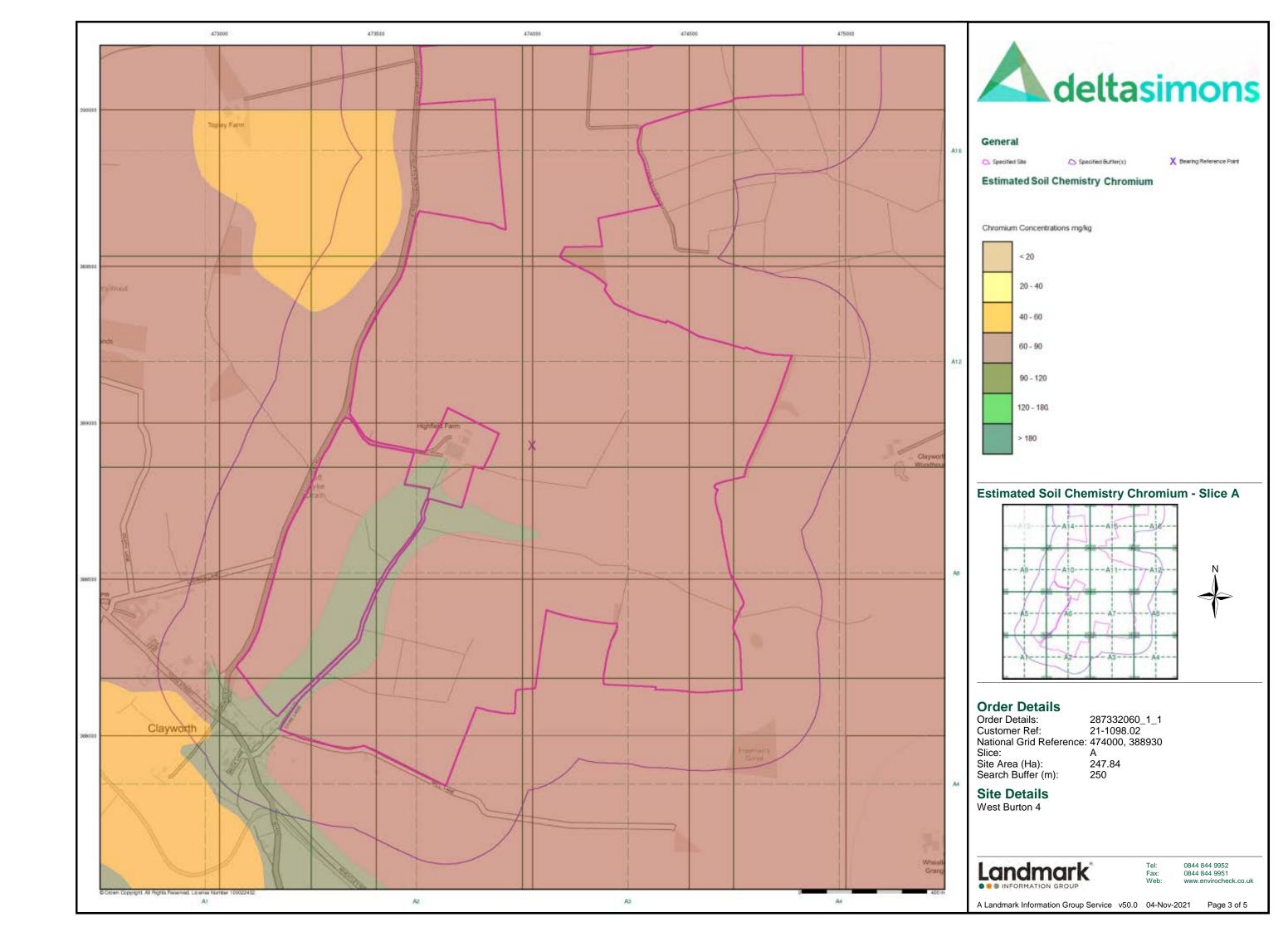


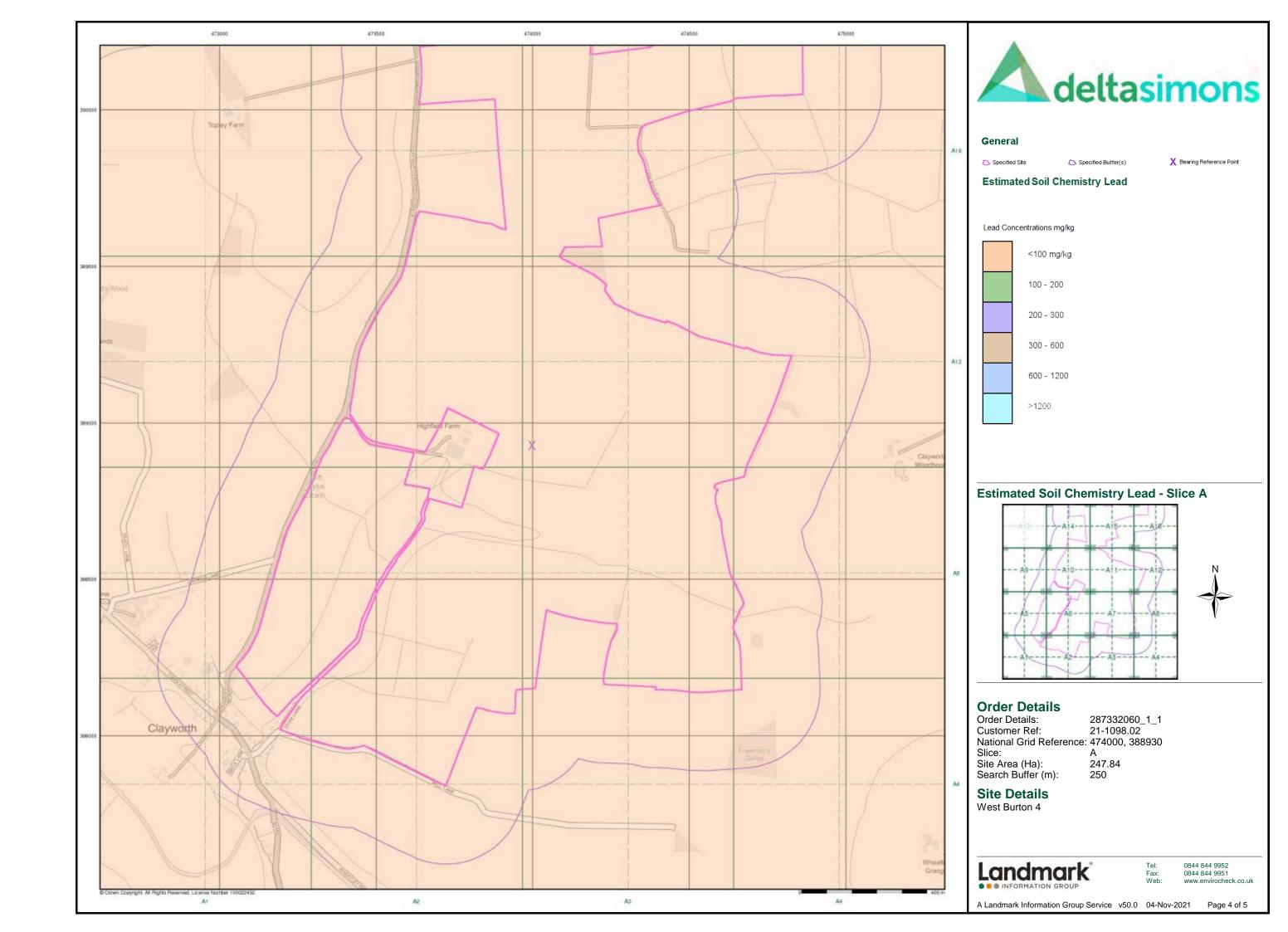


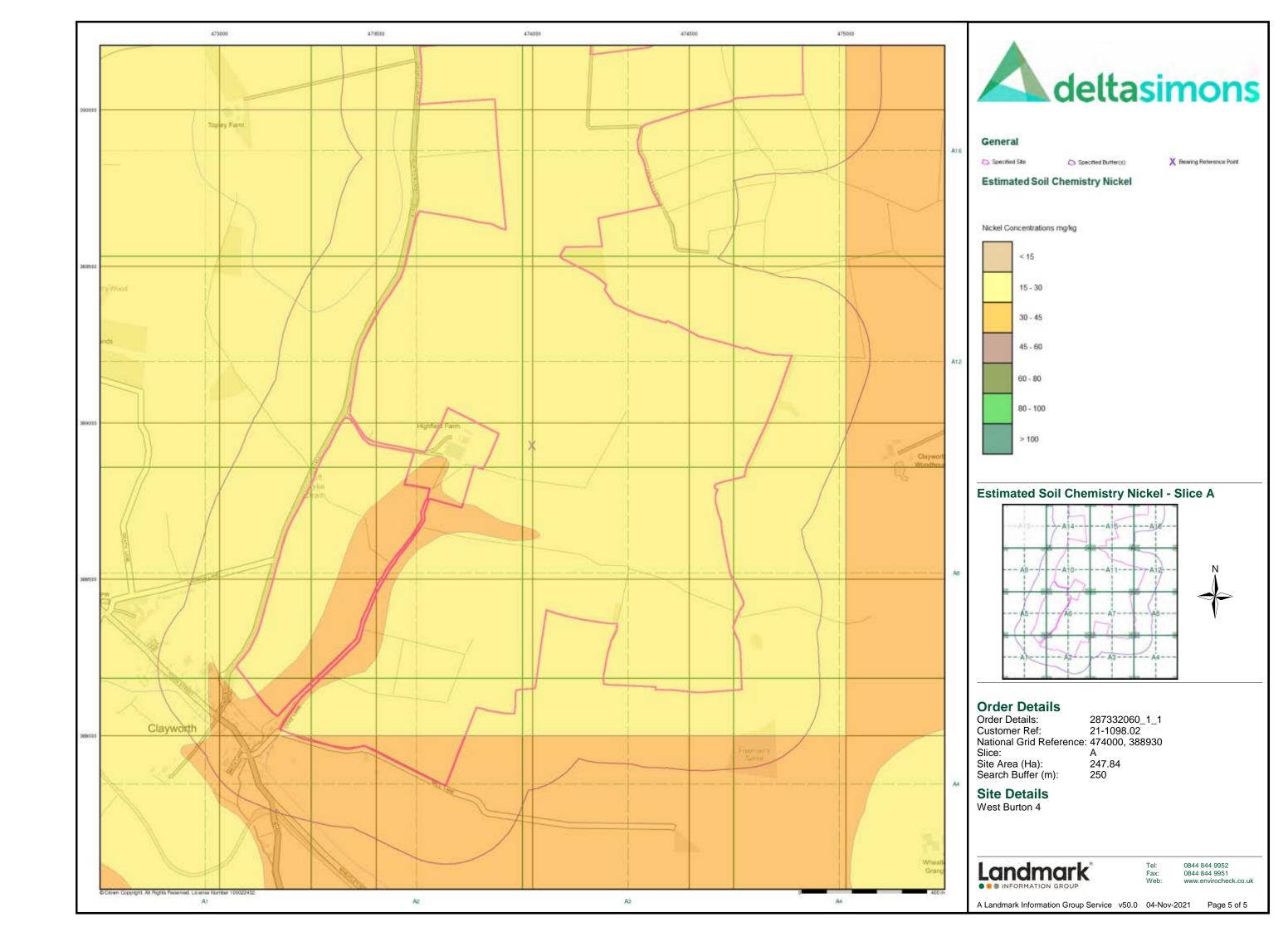


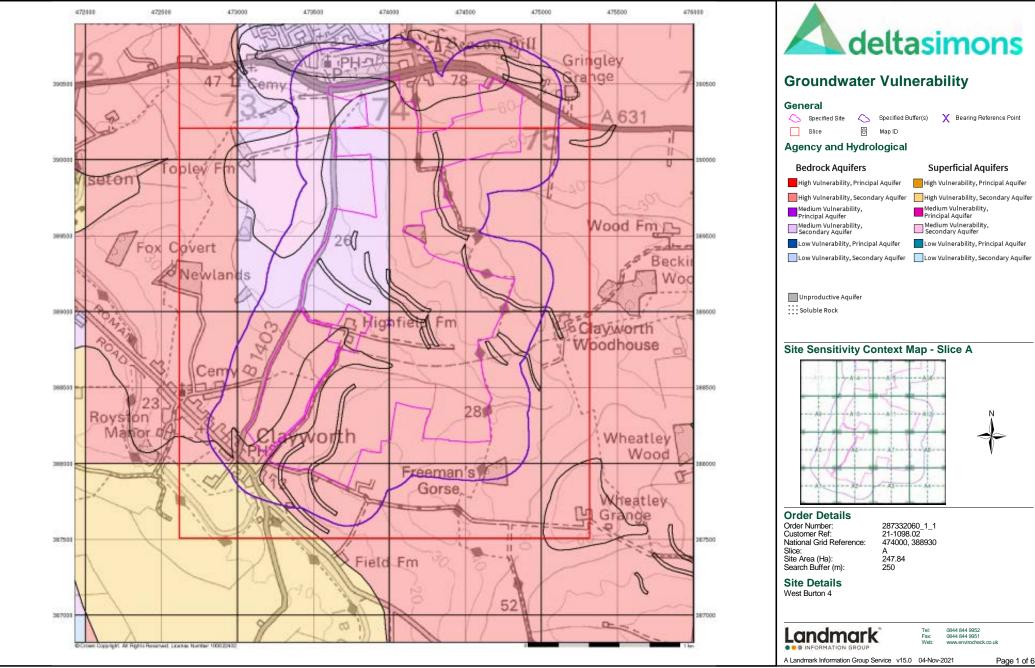














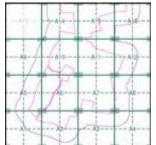
### **Groundwater Vulnerability**

#### High Vulnerability, Principal Aquifer

Medium Vulnerability,

Principal Aquifer Medium Vulnerability, Secondary Aquifer

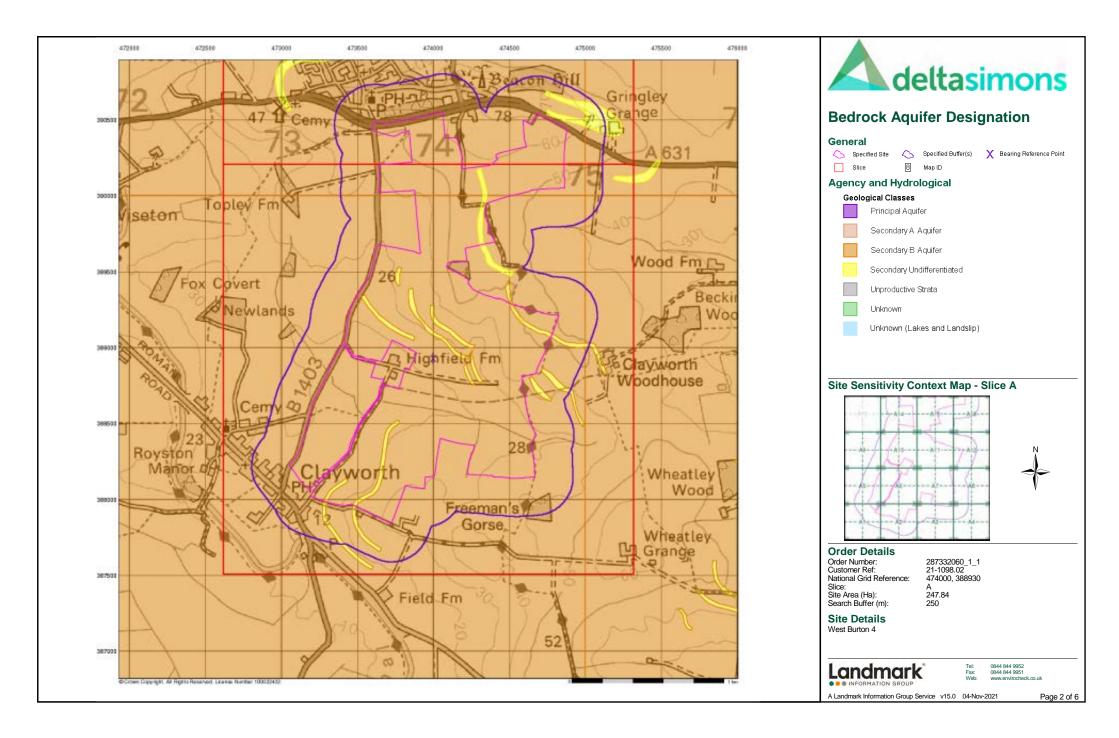
Low Vulnerability, Principal Aquifer

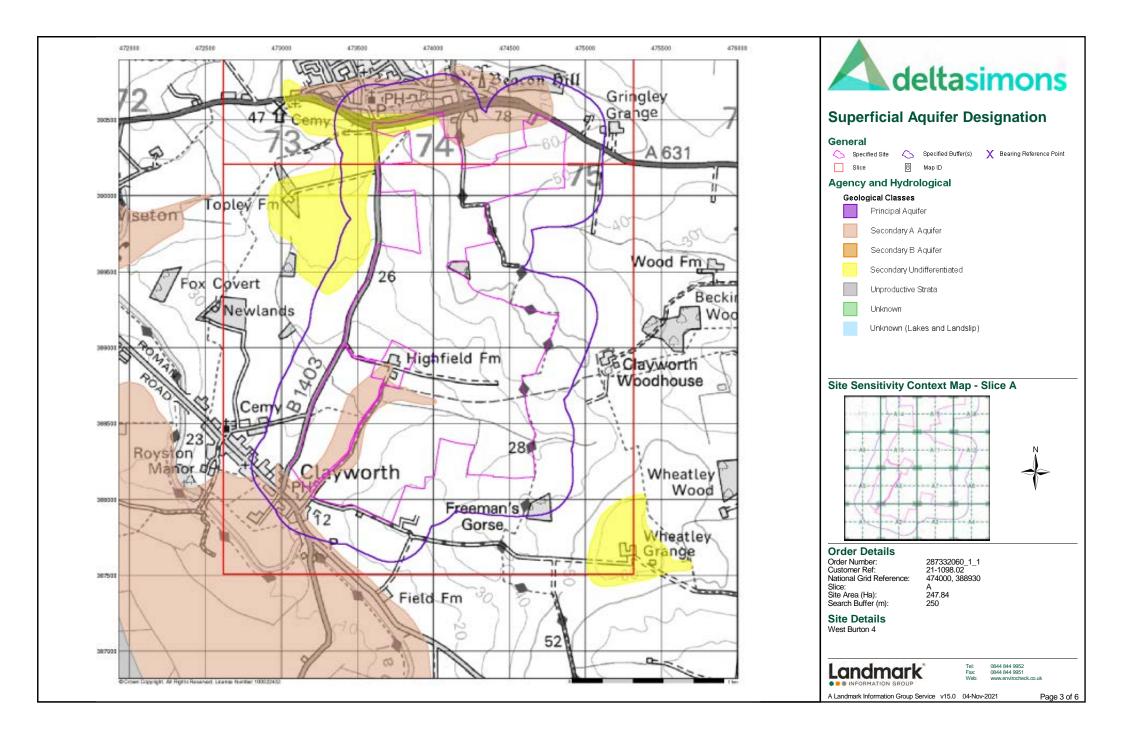


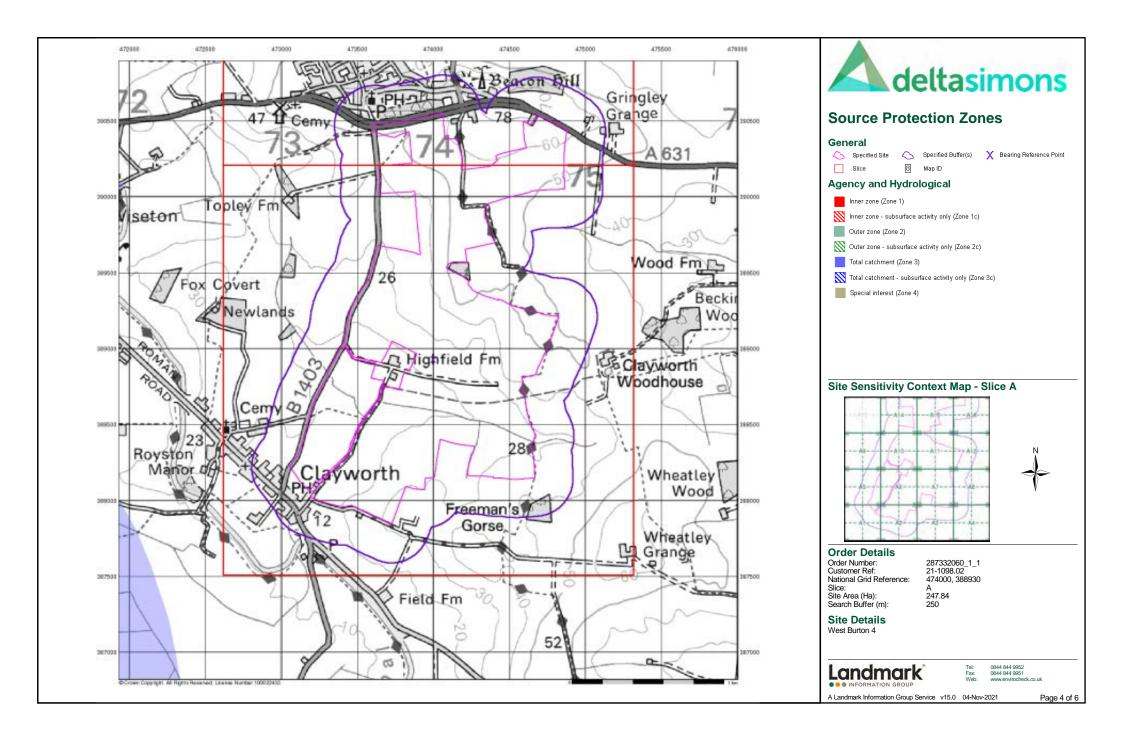


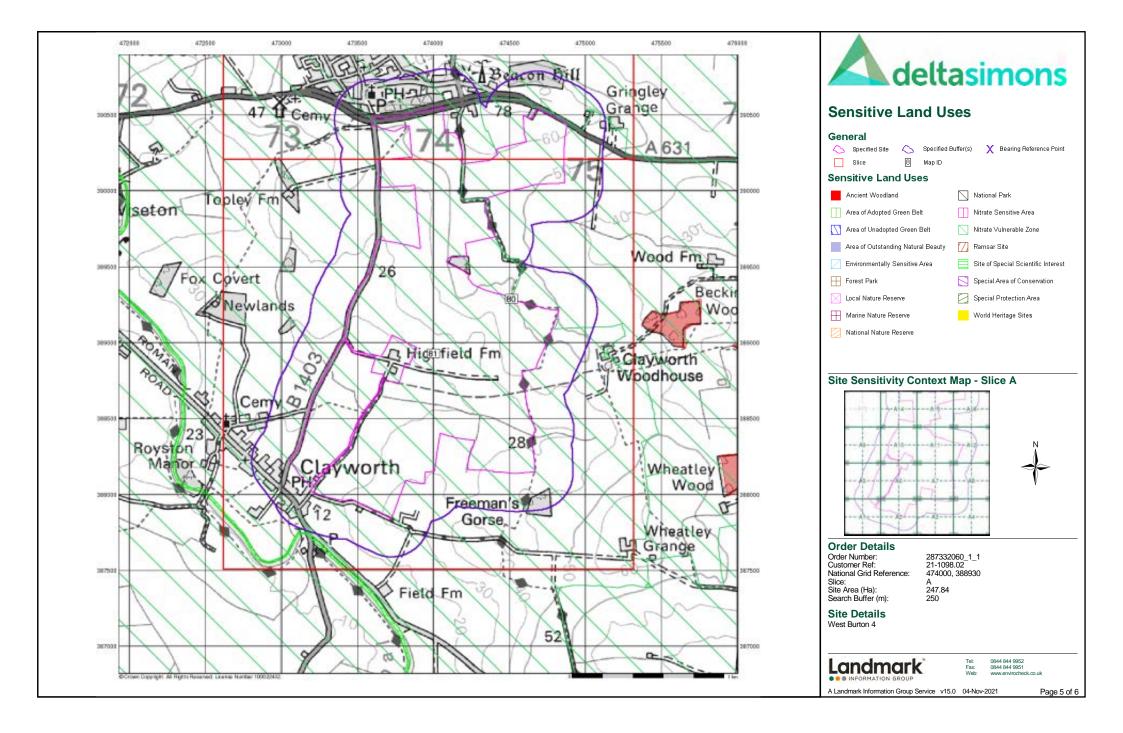
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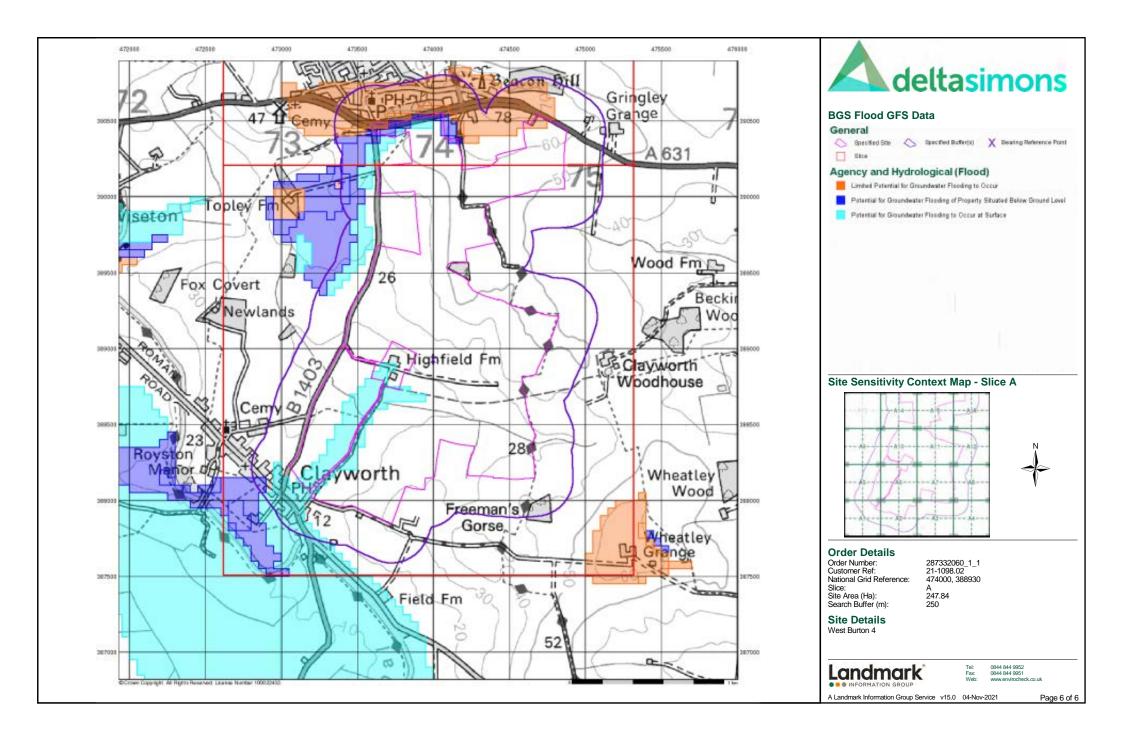
Page 1 of 6













# **Envirocheck® Report:**

# **Datasheet**

## **Order Details:**

**Order Number:** 

287332060_1_1

**Customer Reference:** 

21-1098.02

**National Grid Reference:** 

474230, 390470

Slice:

R

Site Area (Ha):

247.84

Search Buffer (m):

250

### **Site Details:**

West Burton 4

## **Client Details:**

Mr A Howells Delta Simons 3 Henley Office Park Doddington Road Lincoln LN6 3QR







Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	7
Hazardous Substances	-
Geological	8
Industrial Land Use	11
Sensitive Land Use	12
Data Currency	13
Data Suppliers	18
Useful Contacts	19

#### 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 (*up to 500m)
Agency & Hydrological			
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes
Contaminated Land Register Entries and Notices			
Discharge Consents	pg 2	1	
Prosecutions Relating to Controlled Waters			n/a
Enforcement and Prohibition Notices			
Integrated Pollution Controls			
Integrated Pollution Prevention And Control			
Local Authority Integrated Pollution Prevention And Control			
Local Authority Pollution Prevention and Controls			
Local Authority Pollution Prevention and Control Enforcements			
Nearest Surface Water Feature	pg 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			
Water Industry Act Referrals			
Groundwater Vulnerability Map	pg 2	Yes	n/a
Groundwater Vulnerability - Soluble Rock Risk			n/a
Groundwater Vulnerability - Local Information			n/a
Bedrock Aquifer Designations	pg 5	Yes	n/a
Superficial Aquifer Designations	pg 5	Yes	n/a
Source Protection Zones			
Extreme Flooding from Rivers or Sea without Defences			
Flooding from Rivers or Sea without Defences			
Areas Benefiting from Flood Defences			
Flood Water Storage Areas			
Flood Defences			
OS Water Network Lines	pg 5	2	6



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Waste			
BGS Recorded Landfill Sites			
Historical Landfill Sites			
Integrated Pollution Control Registered Waste Sites			
Licensed Waste Management Facilities (Landfill Boundaries)			
Licensed Waste Management Facilities (Locations)			
Local Authority Landfill Coverage	pg 7	2	n/a
Local Authority Recorded Landfill Sites			
Potentially Infilled Land (Non-Water)	pg 7		1
Potentially Infilled Land (Water)			
Registered Landfill Sites			
Registered Waste Transfer Sites			
Registered Waste Treatment or Disposal Sites			
Hazardous Substances			
Control of Major Accident Hazards Sites (COMAH)			
Explosive Sites			
Notification of Installations Handling Hazardous Substances (NIHHS)			
Planning Hazardous Substance Consents			
Planning Hazardous Substance Enforcements			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Geological			
BGS 1:625,000 Solid Geology	pg 8	Yes	n/a
BGS Estimated Soil Chemistry	pg 8	Yes	
BGS Recorded Mineral Sites	pg 8		6
BGS Urban Soil Chemistry			
BGS Urban Soil Chemistry Averages			
CBSCB Compensation District			n/a
Coal Mining Affected Areas	pg 9	Yes	n/a
Mining Instability			n/a
Man-Made Mining Cavities			
Natural Cavities			
Non Coal Mining Areas of Great Britain			
Potential for Collapsible Ground Stability Hazards	pg 9	Yes	Yes
Potential for Compressible Ground Stability Hazards			
Potential for Ground Dissolution Stability Hazards			
Potential for Landslide Ground Stability Hazards	pg 9	Yes	Yes
Potential for Running Sand Ground Stability Hazards	pg 10	Yes	
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 10	Yes	Yes
Radon Potential - Radon Affected Areas			n/a
Radon Potential - Radon Protection Measures			n/a
Industrial Land Use			
Contemporary Trade Directory Entries	pg 11		3
Fuel Station Entries			
Points of Interest - Commercial Services			
Points of Interest - Education and Health			
Points of Interest - Manufacturing and Production			
Points of Interest - Public Infrastructure	pg 11		1
Points of Interest - Recreational and Environmental			
Gas Pipelines			
Underground Electrical Cables			



Data Type	Page Number	On Site	0 to 250m (*up to 500m)
Sensitive Land Use			
Ancient Woodland			
Areas of Adopted Green Belt			
Areas of Unadopted Green Belt			
Areas of Outstanding Natural Beauty			
Environmentally Sensitive Areas			
Forest Parks			
Local Nature Reserves			
Marine Nature Reserves			
National Nature Reserves			
National Parks			
Nitrate Sensitive Areas			
Nitrate Vulnerable Zones	pg 12	2	
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	B2SE (W)	0	1	473700 390470
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	473750 390470
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	B2SE	0	1	473850 390470
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	B3SW	0	1	474000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W) B3NW	0	1	390470 474100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390550 473650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390450 473750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W) B2SE	0	1	390450 473800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390450 474050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390500 474100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390500 474100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W) B3SW	0	1	390470 474234
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(SW) B2SE	0	1	390470 473750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(W) B2SE	0	1	390400 473850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390500 473900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390500 474150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		0	1	390400 474200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		15	1	390400 473650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level		19	1	390400 474150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B3SW	19	1	390470 474200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	(W) (SW)	27	1	390470 473550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	B3SW (W)	33	1	389950 474150 390500

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	B3SW (S)	36	1	474234 390400
	BGS Groundwater Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	B2SW	50	1	473550
	BGS Groundwater	Flooding Susceptibility	(W)			390450
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	90	1	473550 390000
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	B2SW (W)	107	1	473500 390400
	BGS Groundwater Flooding Type:	Flooding Susceptibility  Potential for Groundwater Flooding of Property Situated Below Ground Level	(W)	188	1	473450
		Flooding Susceptibility	,			390150
	Flooding Type:	Potential for Groundwater Flooding of Property Situated Below Ground Level	(SW)	189	1	473450 390000
	BGS Groundwater Flooding Type:	Flooding Susceptibility Limited Potential for Groundwater Flooding to Occur	(SW)	240	1	473400
			(300)	240	1	390100
1	Operator: Property Type: Location:	Severn Trent Water Limited PUMPING STATION ON SEWERAGE NETWORK (WATER COMPANY) Cross Keys Public House - Emerg Of, Cross Keys, Gringley On The Hill, Nottinghamshire	B3SE (SE)	0	2	474600 390300
	Authority: Catchment Area: Reference: Permit Version: Effective Date:	Environment Agency, Midlands Region Trent Catchment: Trent To Confluence With Idle T/69/03089/O 1 20th December 1971				
	Issued Date: Revocation Date: Discharge Type: Discharge	20th December 1971 Not Supplied Sewage Discharges - Pumping Station - Water Company Freshwater Stream/River				
	Environment: Receiving Water: Status: Positional Accuracy:	Saunby Beck Catchment (Trib)  Pre National Rivers Authority Legislation where issue date < 01/09/1989  Located by supplier to within 100m				
	Nearest Surface Wa	ater Feature	B2SE	0	-	473840
	Groundwater Vulne	erability Map	(W)			390427
	Combined Classification: Combined Vulnerability:	Secondary Superficial Aquifer - Medium Vulnerability  Medium	B3SW (W)	0	3	474000 390473
	Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution: Baseflow Index:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness: Superficial	<90% 3-10m				
	Thickness: Superficial	Low				
	Recharge:  Groundwater Vulne	erahility Man				
	Combined Classification:	Secondary Superficial Aquifer - Medium Vulnerability	B3SW (W)	0	3	474000 390521
	Combined Vulnerability: Combined Aquifer: Pollutant Speed: Bedrock Flow: Dilution:	Medium  Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate Well Connected Fractures <300 mm/year	(,			3332
	Baseflow Index: Superficial Patchiness: Superficial	40-70% <90% 3-10m				
	Thickness: Superficial Recharge:	Low				



Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B3SW	0	3	474034
	Classification: Combined	High	(W)			390497
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, Productive Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:  Groundwater Vulne	arability Man				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	B3SW	0	3	474234
	Classification: Combined Vulnerability:	High	(SW)			390470
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, Productive Superficial Aquifer Intermediate				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	473791 389524
	Combined Vulnerability:	Medium				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Low				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	40-70% <90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(S)	0	3	474329 390000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate				
	Bedrock Flow: Dilution: Baseflow Index:	Well Connected Fractures <300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	<3m				
	Superficial Recharge:	No Data				



Map ID	Details		Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - High Vulnerability	(S)	0	3	474312
	Classification: Combined	High				390180
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow: Dilution:	Intermediate Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	No Data				
	Recharge:	and title Affi				
	Groundwater Vulne Combined	erability Map Secondary Bedrock Aquifer - Medium Vulnerability	(SW)	0	3	474000
	Classification: Combined	Medium	(0.11)		· ·	390000
	Vulnerability: Combined Aquifer:	Productive Bedrock Aquifer, No Superficial Aquifer				
	Pollutant Speed: Bedrock Flow:	Low Well Connected Fractures				
	Dilution: Baseflow Index:	<300 mm/year 40-70%				
	Superficial Patchiness:	<90%				
	Superficial Thickness:	3-10m				
	Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined Classification:	Secondary Bedrock Aquifer - High Vulnerability	(S)	0	3	474234 390000
	Combined Vulnerability:	High				
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	<3m				
	Thickness: Superficial Recharge:	No Data				
	Groundwater Vulne	erability Map				
	Combined	Secondary Bedrock Aquifer - Medium Vulnerability	B3SW	0	3	474000
	Classification: Combined Vulnerability:	Medium	(W)			390470
	Combined Aquifer: Pollutant Speed:	Productive Bedrock Aquifer, No Superficial Aquifer Intermediate				
	Bedrock Flow: Dilution:	Well Connected Fractures <300 mm/year				
	Baseflow Index: Superficial	40-70% <90%				
	Patchiness: Superficial	3-10m				
	Thickness: Superficial	Low				
	Recharge:	LOW				



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Groundwater Vulnerability Map  Combined Secondary Bedrock Aquifer - High Vulnerability  Classification:	B3SW (SE)	0	3	474300 390367
	Combined High Vulnerability: Combined Aquifer: Productive Bedrock Aquifer, No Superficial Aquifer	(GL)			390307
	Pollutant Speed: Intermediate Bedrock Flow: Well Connected Fractures Dilution: <300 mm/year				
	Baseflow Index: 40-70% Superficial <90% Patchiness:				
	Superficial 3-10m Thickness: Superficial No Data Recharge:				
	Groundwater Vulnerability - Soluble Rock Risk				
	None				
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - B	(S)	0	3	474234 390000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - B	B3SW	0	3	474234
	Deducal Assistan Designations	(SW)			390470
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated	(SW)	0	3	473791 389524
	Bedrock Aquifer Designations  Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	474329 390000
	Bedrock Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	(S)	0	3	474312 390180
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - Undifferentiated	B3SW	0	3	474034
	Superficial Aquifer Designations Aquifer Designation: Secondary Aquifer - A	(W) B3SW	0	3	390497 474234
	Extreme Flooding from Rivers or Sea without Defences	(SW)			390470
	None Flooding from Rivers or Sea without Defences				
	None Areas Benefiting from Flood Defences				
	None Flood Water Storage Areas				
	None Flood Defences				
	None				
2	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 276.9	B3SE (SE)	0	4	474578 390316
	Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1				
3	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 112.8	B2SE (W)	0	4	473840 390427
	Watercourse Length: 112.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	(W)			390427



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	OS Water Network Lines  Watercourse Form: Inland river Watercourse Length: 137.8  Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B2SE (W)	2	4	473735 390390
	OS Water Network Lines				
5	Watercourse Form: Inland river Watercourse Length: 78.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B2SW (W)	15	4	473600 390362
	OS Water Network Lines				
6	Watercourse Form: Inland river Watercourse Length: 310.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Toft Dyke Drain Catchment Name: Primacy: 1	B2SW (W)	15	4	473601 390360
	OS Water Network Lines				
7	Watercourse Form: Inland river Watercourse Length: 318.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B4SW (E)	19	4	474830 390492
	OS Water Network Lines				
8	Watercourse Form: Inland river Watercourse Length: 183.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Primacy: 1	B4NE (E)	171	4	475012 390546
	OS Water Network Lines				
9	Watercourse Form: Inland river Watercourse Length: 545.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: Trent Primacy: 1	B3NE (NE)	213	4	474464 390684



# **Waste**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority La	ndfill Coverage				
	Name:	Bassetlaw District Council - Has no landfill data to supply		0	5	474234 390470
	Local Authority La	ndfill Coverage				
	Name:	Nottinghamshire County Council - Has no landfill data to supply		0	6	474234 390470
	Potentially Infilled	Land (Non-Water)				
10	Bearing Ref: Use: Date of Mapping:	NW Unknown Filled Ground (Pit, quarry etc) 1982	B2NE (NW)	100	-	473871 390657

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Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solie	d Geology				
	Description:	Triassic Rocks (Undifferentiated)	B3SW (SW)	0	1	474234 390470
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	B4SE (E)	0	1	475000 390470
	Concentration:					
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel Concentration:	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg <1.8 mg/kg 60 - 90 mg/kg	B3SW (SE)	0	1	474300 390367
	BGS Estimated Soil Source: Soil Sample Type: Arsenic Concentration: Cadmium Concentration: Chromium Concentration: Lead Concentration: Nickel	British Geological Survey, National Geoscience Information Service Rural Soil <15 mg/kg <1.8 mg/kg 40 - 60 mg/kg	B3SW (SW)	0	1	474234 390470
	Concentration:					
11	BGS Recorded Mine Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Gringley Sand Pits Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106443 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	B2NE (W)	132	1	473734 390616
	BGS Recorded Mine	eral Sites				
12	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity:	Gringley Sand Pit Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106445 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	B3NE (NE)	135	1	474590 390636
	BGS Recorded Mine					
13	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Gringley Sand Pits Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106444 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	B2NE (W)	136	1	473784 390630





Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Recorded Mine	eral Sites				
14	Site Name: Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Gringley Sand Pits Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106442 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	B2NE (W)	149	1	473678 390629
	BGS Recorded Mine					
15	1	Gringley Sand Pits Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106441 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	B2NE (W)	173	1	473735 390658
15	BGS Recorded Mine Site Name:	eral Sites Gringley Sand Pits	B2NE	201	1	473699
	Location: Source: Reference: Type: Status: Operator: Operator Location: Periodic Type: Geology: Commodity: Positional Accuracy:	Gringley-On-The-Hill, Retford, Nottinghamshire British Geological Survey, National Geoscience Information Service 106440 Opencast Ceased Unknown Operator Not Supplied Quaternary Glaciofluvial Deposits, Mid Pleistocene Sand Located by supplier to within 10m	(W)			390681
	BGS Measured Urba	an Soil Chemistry				
	BGS Urban Soil Che	emistry Averages				
	Coal Mining Affecte	d Areas				
	Description:	In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	B3SW (SW)	0	7	474234 390470
	Non Coal Mining Are	eas of Great Britain				
	Potential for Collaps	sible Ground Stability Hazards				
	Hazard Potential: Source:	Very Low British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Potential for Collaps Hazard Potential: Source:	sible Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390470
	Potential for Compr Hazard Potential: Source:	essible Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Potential for Compr Hazard Potential: Source:	essible Ground Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390470
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards  No Hazard  British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Potential for Ground Hazard Potential: Source:	d Dissolution Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390470
	Potential for Landsl Hazard Potential: Source:	ide Ground Stability Hazards  Very Low  British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470



# **Geological**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Landsli	de Ground Stability Hazards				
		Low British Geological Survey, National Geoscience Information Service	B2SE (W)	36	1	473838 390540
	Hazard Potential:	de Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	B2SE (W)	38	1	473648 390543
	Hazard Potential:	de Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390470
	Hazard Potential:	de Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	B3NW (N)	167	1	474117 390789
	Hazard Potential:	de Ground Stability Hazards Moderate British Geological Survey, National Geoscience Information Service	B3NE (NE)	199	1	474459 390737
	Hazard Potential:	de Ground Stability Hazards Low British Geological Survey, National Geoscience Information Service	B4NE (E)	209	1	475000 390610
	Hazard Potential:	g Sand Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Hazard Potential:	g Sand Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B3SW (SE)	0	1	474300 390367
	Hazard Potential:	g Sand Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390470
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B3SW (S)	0	1	474247 390436
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B4SW (E)	27	1	474750 390535
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B4SE (E)	120	1	475000 390456
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B4SE (E)	122	1	475000 390470
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards No Hazard British Geological Survey, National Geoscience Information Service	B4NW (E)	140	1	474735 390668
	Hazard Potential:	ng or Swelling Clay Ground Stability Hazards Very Low British Geological Survey, National Geoscience Information Service	B4SE (E)	140	1	475000 390509
		Idon Affected Areas  The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level).  British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470
	Protection Measure:	No radon Protection Measures  No radon protective measures are necessary in the construction of new dwellings or extensions  British Geological Survey, National Geoscience Information Service	B3SW (SW)	0	1	474234 390470

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# **Industrial Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Contemporary Trad	e Directory Entries				
16	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Valeting Supplies Uk 1, Grange Farm Cottages, Gainsborough Road, Gringley-on-the-Hill, Doncaster, South Yorkshire, DN10 4RJ Car Washing & Polishing Equipment & Supplies Inactive Automatically positioned to the address	B4SE (E)	162	-	475031 390497
	Contemporary Trad	e Directory Entries				
17	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Possession Planning Ltd Gringley-On-The-Hill, Doncaster, South Yorkshire, DN10 4RG Railways Inactive Manually positioned within the geographical locality	B3NW (NW)	164	-	473969 390698
	Contemporary Trad	e Directory Entries				
18	Name: Location: Classification: <b>Status:</b> Positional Accuracy:	Waste & Resource Services Ltd 1, Cross Hill, Gringley-on-the-Hill, Doncaster, South Yorkshire, DN10 4RE Waste Disposal Services Inactive Automatically positioned to the address	B2NW (W)	215	-	473518 390677
	Points of Interest -	Public Infrastructure				
19	Name: Location: Category: Class Code: Positional Accuracy:	Waste & Resource Services Ltd 1 Cross Hill, Gringley-on-the-Hill, Doncaster, DN10 4RE Infrastructure and Facilities Waste Storage, Processing and Disposal Positioned to address or location	B2NW (W)	215	8	473518 390677

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 11 of 19



# **Sensitive Land Use**

Map ID		Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Nitrate Vulnerab	le Zones				
20	Name: Description: Source:	R Trent From Carlton-On-Trent To Laughton Drain Nvz Surface Water Environment Agency, Head Office	B3SE (E)	0	3	474318 390488
	Nitrate Vulnerab	le Zones				
21	Name: Description: Source:	River Idle From River Ryton To River Trent Nvz Surface Water Environment Agency, Head Office	B3SW (SW)	0	3	474234 390470

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 12 of 19



Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Bassetlaw District Council - Environmental Health Department	January 2020	Annual Rolling Update
Environment Agency - Head Office	June 2020	Annually
Discharge Consents		
Environment Agency - Midlands Region	July 2021	Quarterly
Enforcement and Prohibition Notices		
Environment Agency - Midlands Region	March 2013	
Integrated Pollution Controls		
Environment Agency - Midlands Region	January 2009	
Integrated Pollution Prevention And Control		
Environment Agency - Midlands Region	July 2021	Quarterly
Local Authority Integrated Pollution Prevention And Control		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
Local Authority Pollution Prevention and Controls		
Bassetlaw District Council - Environmental Health Department	August 2014	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Bassetlaw District Council - Environmental Health Department	August 2014	Variable
Nearest Surface Water Feature		
Ordnance Survey	August 2021	
Pollution Incidents to Controlled Waters		
Environment Agency - Midlands Region	December 1999	
Prosecutions Relating to Authorised Processes		
Environment Agency - Midlands Region	July 2015	
Prosecutions Relating to Controlled Waters		
Environment Agency - Midlands Region	March 2013	
Registered Radioactive Substances		
Environment Agency - Midlands Region	June 2016	Annually
River Quality		
Environment Agency - Head Office	November 2001	Not Applicable
River Quality Biology Sampling Points		
Environment Agency - Head Office	April 2012	Annually
River Quality Chemistry Sampling Points		
Environment Agency - Head Office	April 2012	Annually
Substantiated Pollution Incident Register		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Water Abstractions		
Environment Agency - Midlands Region	July 2021	Quarterly
Water Industry Act Referrals		
Environment Agency - Midlands Region	October 2017	Quarterly
Groundwater Vulnerability Map		
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	May 2021	Bi-Annually
Extreme Flooding from Rivers or Sea without Defences		-
Environment Agency - Head Office	September 2021	Quarterly

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 13 of 19



Agency & Hydrological	Version	Update Cycle
Flooding from Rivers or Sea without Defences		
Environment Agency - Head Office	September 2021	Quarterly
Areas Benefiting from Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
Flood Water Storage Areas		
Environment Agency - Head Office	September 2021	Quarterly
Flood Defences		
Environment Agency - Head Office	September 2021	Quarterly
OS Water Network Lines		
Ordnance Survey	July 2021	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	Annually

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 14 of 19



Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Historical Landfill Sites		
Environment Agency - Head Office	May 2021	Quarterly
Integrated Pollution Control Registered Waste Sites		
Environment Agency - Midlands Region	January 2009	Not Applicable
Licensed Waste Management Facilities (Landfill Boundaries)		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Licensed Waste Management Facilities (Locations)		
Environment Agency - Midlands Region - East Area	July 2021	Quarterly
Environment Agency - Midlands Region - Lower Trent Area	July 2021	Quarterly
Local Authority Landfill Coverage		
Bassetlaw District Council - Environmental Health Department	February 2003	Not Applicable
Nottinghamshire County Council - Environment Department	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Bassetlaw District Council - Environmental Health Department	October 2018	
Nottinghamshire County Council - Environment Department	October 2018	
Potentially Infilled Land (Non-Water)		
Landmark Information Group Limited	December 1999	Not Applicable
Potentially Infilled Land (Water)		
Landmark Information Group Limited	December 1999	
Registered Landfill Sites		
Environment Agency - Midlands Region - East Area	March 2006	Not Applicable
Environment Agency - Midlands Region - Lower Trent Area	March 2006	Not Applicable
Registered Waste Transfer Sites		
Environment Agency - Midlands Region - East Area	April 2018	
Environment Agency - Midlands Region - Lower Trent Area	April 2018	
Registered Waste Treatment or Disposal Sites		
Environment Agency - Midlands Region - East Area	June 2015	
Environment Agency - Midlands Region - Lower Trent Area	June 2015	
Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		5
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable
Planning Hazardous Substance Consents		
Bassetlaw District Council - Environmental Health Department	April 2015	Variable
Nottinghamshire County Council	August 2007	Variable

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 15 of 19



Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology		
British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Estimated Soil Chemistry		
British Geological Survey - National Geoscience Information Service	December 2015	Annually
BGS Recorded Mineral Sites		
British Geological Survey - National Geoscience Information Service	May 2021	Bi-Annually
CBSCB Compensation District		
Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	As notified
Coal Mining Affected Areas		
The Coal Authority - Property Searches	March 2014	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	Annually
Potential for Compressible Ground Stability Hazards		
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Ground Dissolution Stability Hazards	,	,
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Potential for Landslide Ground Stability Hazards		7
British Geological Survey - National Geoscience Information Service	January 2019	Annually
	Gariaary 2010	7 timadily
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	January 2019	Annually
	January 2019	Ailitidally
Potential for Shrinking or Swelling Clay Ground Stability Hazards	lanuari 2010	Annually
British Geological Survey - National Geoscience Information Service	January 2019	Annually
Radon Potential - Radon Affected Areas	1.1.0044	
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Radon Potential - Radon Protection Measures		
British Geological Survey - National Geoscience Information Service	July 2011	Annually
Industrial Land Use	Version	Update Cycle
Contemporary Trade Directory Entries		
Thomson Directories	July 2021	Quarterly
Fuel Station Entries		
Catalist Ltd - Experian	August 2021	Quarterly
Gas Pipelines		
National Grid	October 2021	Annually
Points of Interest - Commercial Services		,
PointX	September 2021	Quarterly
Points of Interest - Education and Health	2.7	,
PointX	September 2021	Quarterly
	Coptombol 2021	Quartoriy
Points of Interest - Manufacturing and Production PointX	September 2021	Quarterly
	September 2021	Quarterly
Points of Interest - Public Infrastructure	Conton-b == 2004	Outputs all t
PointX	September 2021	Quarterly
Points of Interest - Recreational and Environmental	0	
PointX	September 2021	Quarterly
Underground Electrical Cables		
National Grid	May 2021	Annually

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Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Natural England	February 2021	Bi-Annually
Areas of Adopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Bassetlaw District Council	October 2020	Quarterly
Areas of Outstanding Natural Beauty		
Natural England	January 2021	Bi-Annually
Environmentally Sensitive Areas		
Natural England	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Natural England	February 2021	Bi-Annually
Marine Nature Reserves		
Natural England	July 2019	Bi-Annually
National Nature Reserves		
Natural England	January 2021	Bi-Annually
National Parks		
Natural England	February 2018	Bi-Annually
Nitrate Sensitive Areas		
Natural England	April 2016	Not Applicable
Nitrate Vulnerable Zones		
Department for Environment, Food and Rural Affairs (DEFRA - formerly FRCA)	April 2016	
Environment Agency - Head Office	June 2017	Bi-Annually
Ramsar Sites		
Natural England	August 2020	Bi-Annually
Sites of Special Scientific Interest		
Natural England	February 2021	Bi-Annually
Special Areas of Conservation		
Natural England	July 2020	Bi-Annually
Special Protection Areas		
Natural England	February 2021	Bi-Annually

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# **Data Suppliers**

A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	Map data
Environment Agency	Environment Agency
Scottish Environment Protection Agency	S E PAP
The Coal Authority	The Coal Authority
British Geological Survey	British Geological Survey MATURAL ENVISORMENT RESEARCH COUNCIL
Centre for Ecology and Hydrology	Centre for Ecology & Hydrology NATURAL ENVIRONMENT RESEARCH COUNCIL
Natural Resources Wales	Cyloeth Naturiol Orrio Matural Resources Walks
Scottish Natural Heritage	SCOTTISH NATURAL HERITAGE 収込分
Natural England	NATURAL ENGLAND
Public Health England	Public Health England
Ove Arup	ARUP
Stantec UK Ltd	<b>Stantec</b>



# **Useful Contacts**

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: [REDACTED]
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	Environment Agency - Head Office  Rio House, Waterside Drive, Aztec West, Almondsbury, Bristol, Avon, BS32 4UD	Telephone: 01454 624400 Fax: 01454 624409
4	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
5	Bassetlaw District Council - Environmental Health Department Queens Buildings, Potter Street, Worksop, Nottinghamshire, S80 2AH	Telephone: 01909 533533 Fax: 01909 731111 Website: www.bassetlaw.gov.uk
6	Nottinghamshire County Council - Environment Department  5th Floor, Trentbridge House, Fox Road, Nottingham, Nottinghamshire, NG2 6BJ	Telephone: 0115 977 4383 Website: www.nottinghamshire.gov.uk
7	The Coal Authority - Property Searches 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website:
8	PointX 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: [REDACTED]
9	Natural England County Hall, Spetchley Road, Worcester, WR5 2NP	Telephone: 0300 060 3900 Email: enquiries@naturalengland.org.uk Website:
-	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: [REDACTED]
-	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: [REDACTED]

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

Order Number: 287332060_1_1 Date: 04-Nov-2021 rpr_ec_datasheet v53.0 A Landmark Information Group Service Page 19 of 19

# **Geology 1:50,000 Maps Legends**

### **Superficial Geology**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	ALV	Alluvium	Clay, Silt, Sand and Gravel	Not Supplied - Holocene
	SUTN	Sutton Sand Formation	Sand	Not Supplied - Devensian
	TILMP	Till, Mid Pleistocene	Diamicton	Not Supplied - Cromerian
	GFDMP	Glaciofluvial Deposits, Mid Pleistocene	Sand and Gravel	Not Supplied - Cromerian
	HEAD	Head	Clay, Silt, Sand and Gravel	Not Supplied - Quaternary
	RTD1	River Terrace Deposits, 1	Sand and Gravel	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

### **Bedrock and Faults**

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	CLB	Clarborough Member	Siltstone	Not Supplied - Ladinian
	CLB	Clarborough Member	Mudstone	Not Supplied - Ladinian
	CLB	Clarborough Member	Siltstone, Dolomitic	Not Supplied - Ladinian
	CHES	Chester Formation	Sandstone, Pebbly (Gravelly)	Not Supplied - Olenekian
	MMG	Mercia Mudstone Group	Siltstone, Dolomitic	Not Supplied - Early Triassic
	MMG	Mercia Mudstone Group	Mudstone	Not Supplied - Early Triassic
/		Faults		
/		Rock Segments		



### 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.

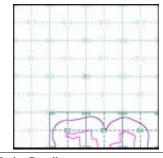
### Geology 1:50,000 Maps Coverage

Map ID: Map Sheet No:

Map Name: East Retford
Map Date: 1967
Bedrock Geology: Available
Superficial Geology: Available
Artificial Geology: Not Available

Faults: Not Supplied
Landslip: Not Available
Rock Segments: Not Supplied

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



287332060_1_1 21-1098.02

474230, 390470

247.84



#### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Slice:

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

Site Details:

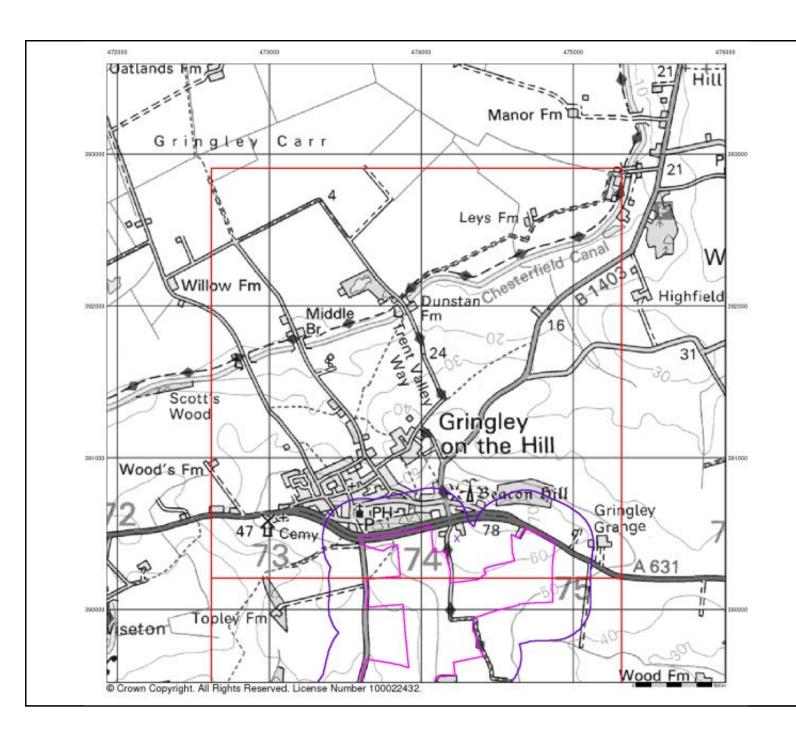
West Burton 4

Landmark*

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

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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.

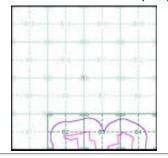
Artificial ground includes:

- 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

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 B





### **Order Details:**

Order Number: Customer Reference: National Grid Reference: Site Area (Ha): Search Buffer (m):

474230, 390470 247.84

287332060_1_1 21-1098.02

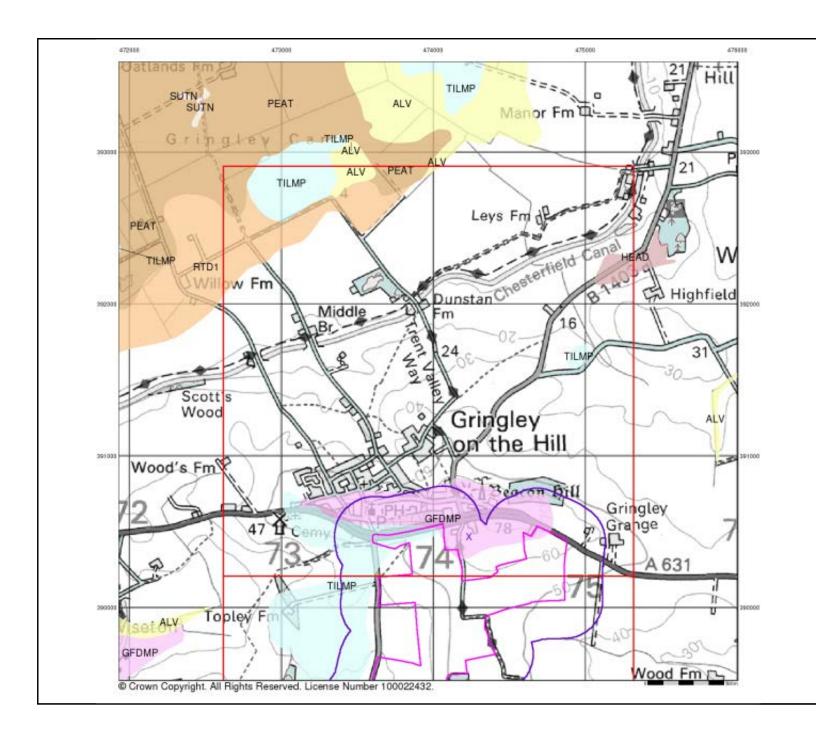
Site Details: West Burton 4



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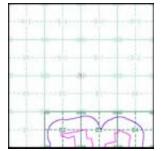
#### **Superficial Geology**

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 B





### **Order Details:**

Order Number: Customer Reference: National Grid Reference:

474230, 390470 B 247.84 Site Area (Ha): Search Buffer (m): 250

287332060_1_1 21-1098.02

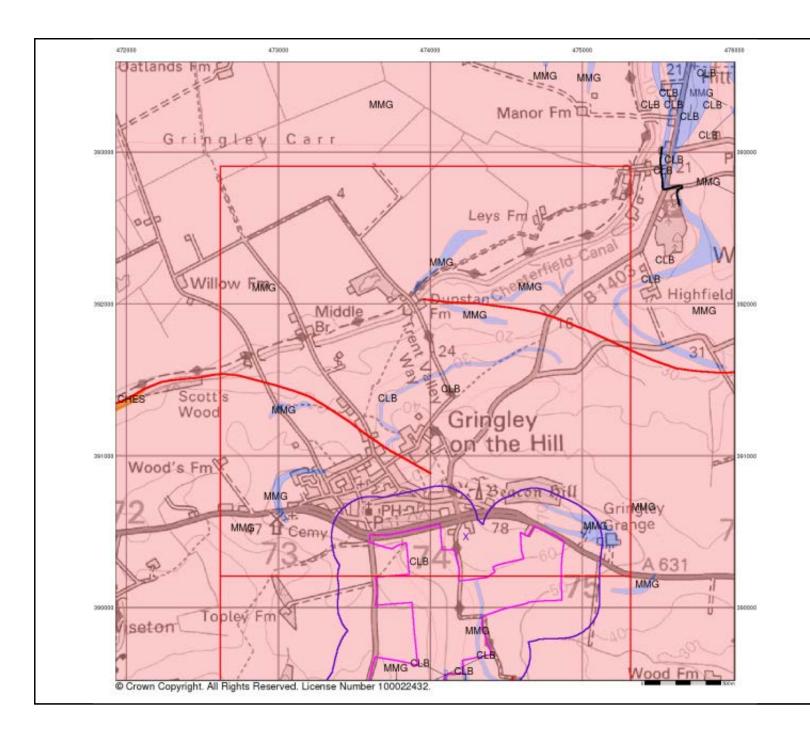
Site Details: West Burton 4

Landmark

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v15.0 04-Nov-2021

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#### **Bedrock and Faults**

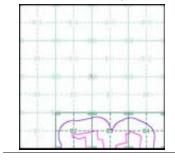
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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 lader, 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 B





### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

B a): 247.84 er (m): 250

287332060_1_1 21-1098.02

474230, 390470

### Site Details:

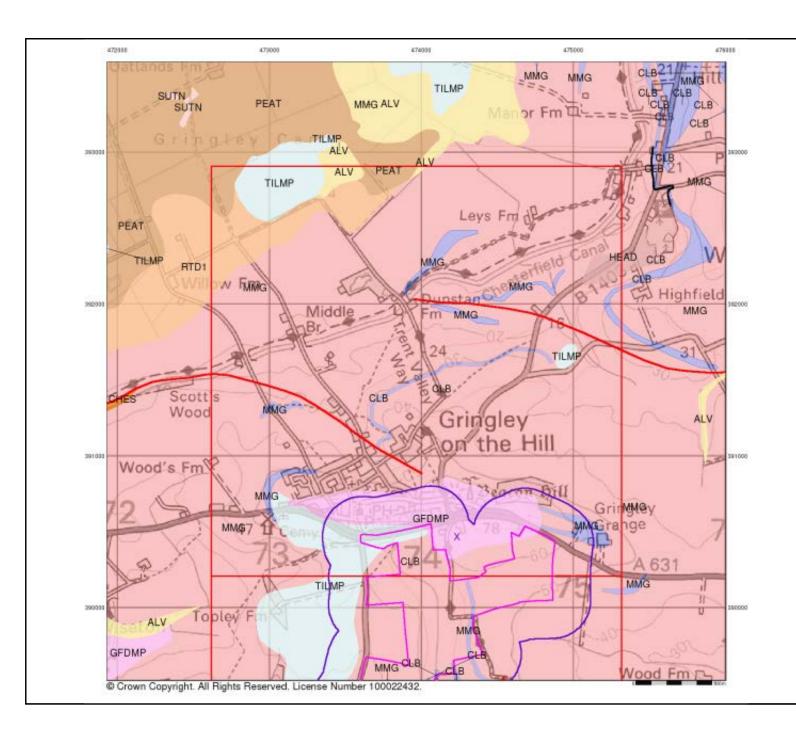
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#### **Combined Surface Geology**

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.

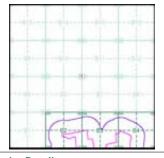
#### **Additional Information**

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: [REDACTED]uk

### Combined Geology Map - Slice B





### Order Details:

Order Number: Customer Reference: National Grid Reference: Slice: Site Area (Ha): Search Buffer (m):

eference: 474230, 390470 B 247.84 m): 250

287332060_1_1 21-1098.02

### Site Details:

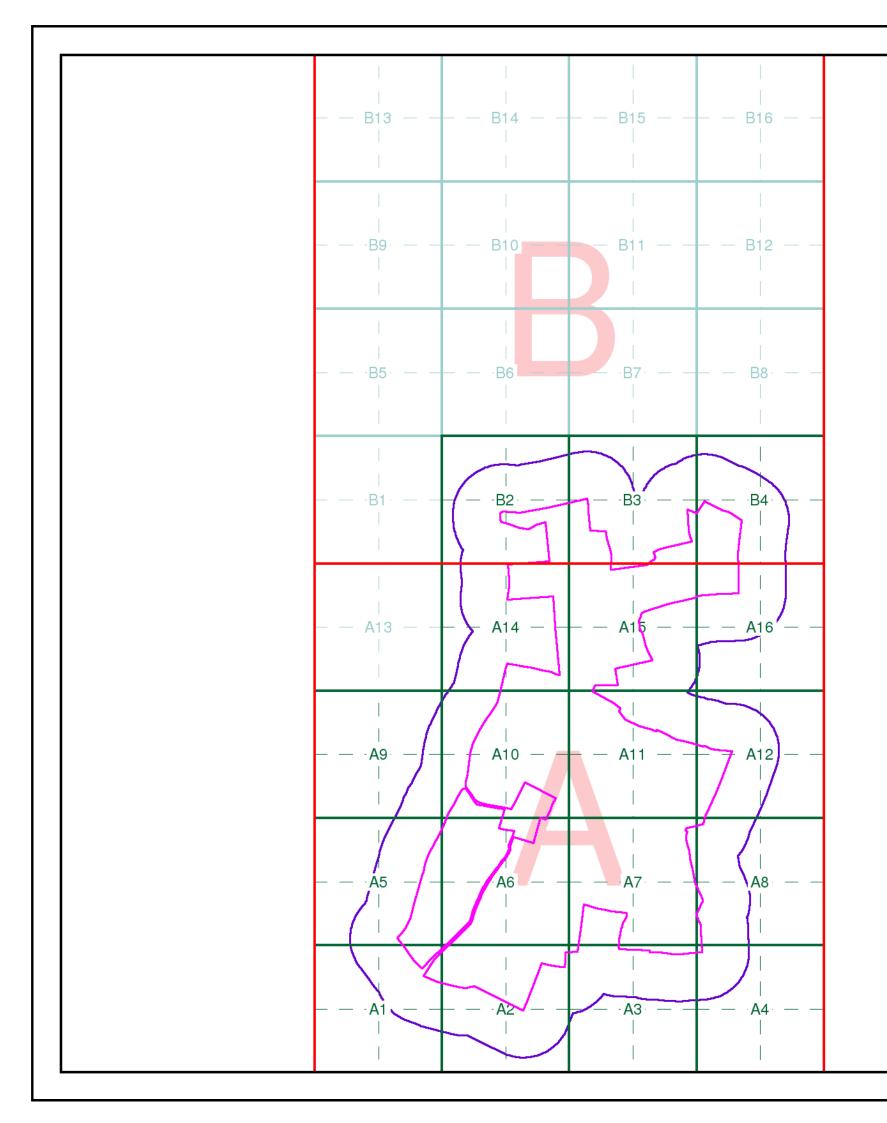
West Burton 4



rel: 0844 844 9952 rax: 0844 844 9951 Veb: www.envirocheck.c

v15.0 04-Nov-2021

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### **Index Map**

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

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

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

### Quadrant

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

A selection of organisations who provide data within this report:









Envirocheck reports are compiled from 136 different sources of data.

### **Client Details**

Mr A Howells, Delta Simons, 3 Henley Office Park, Doddington Road, Lincoln, LN6 3QR

### **Order Details**

Order Number: 287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474000, 389080

Site Area (Ha): 247.84 Search Buffer (m): 250

# **Site Details**

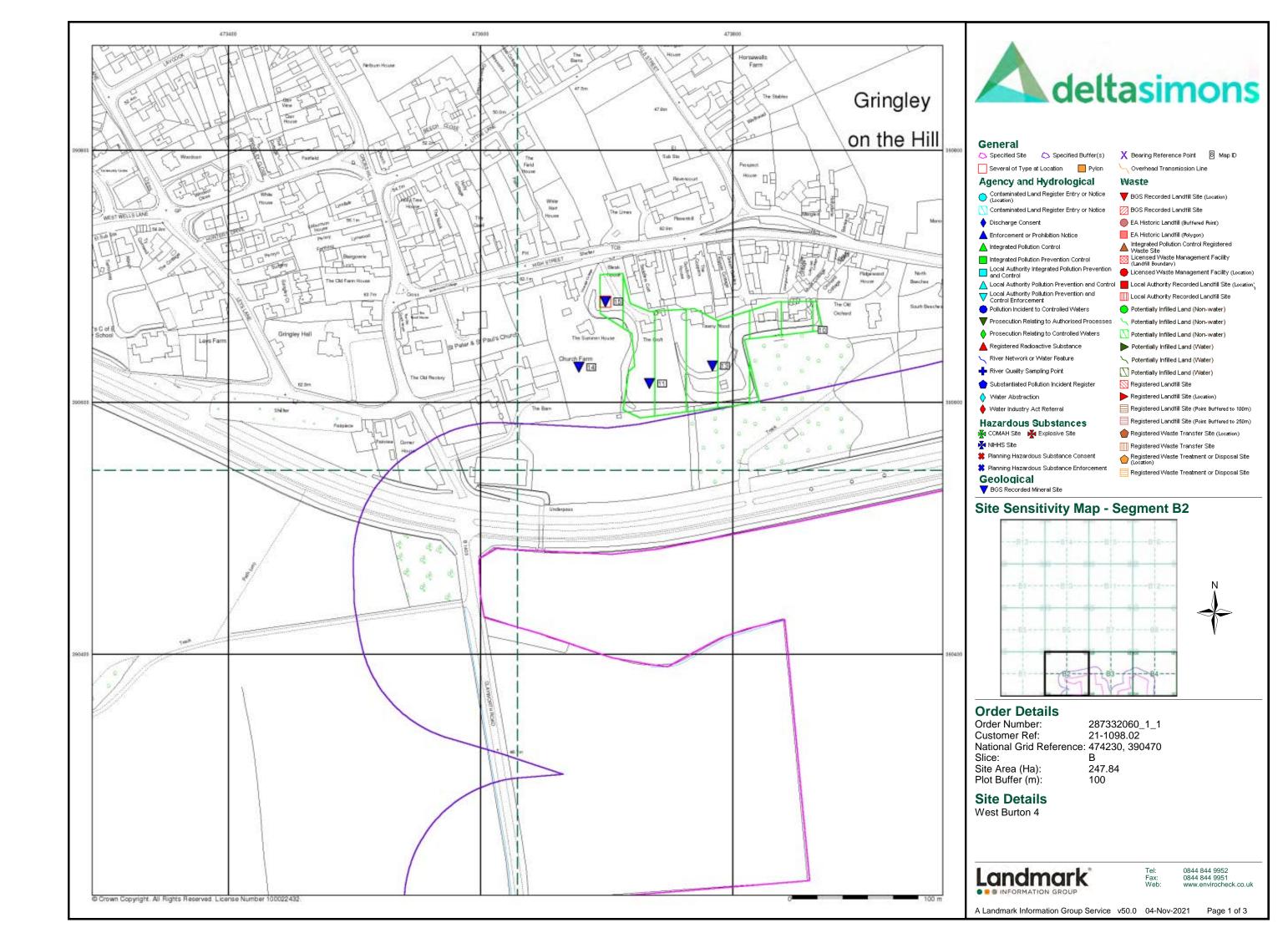
West Burton 4

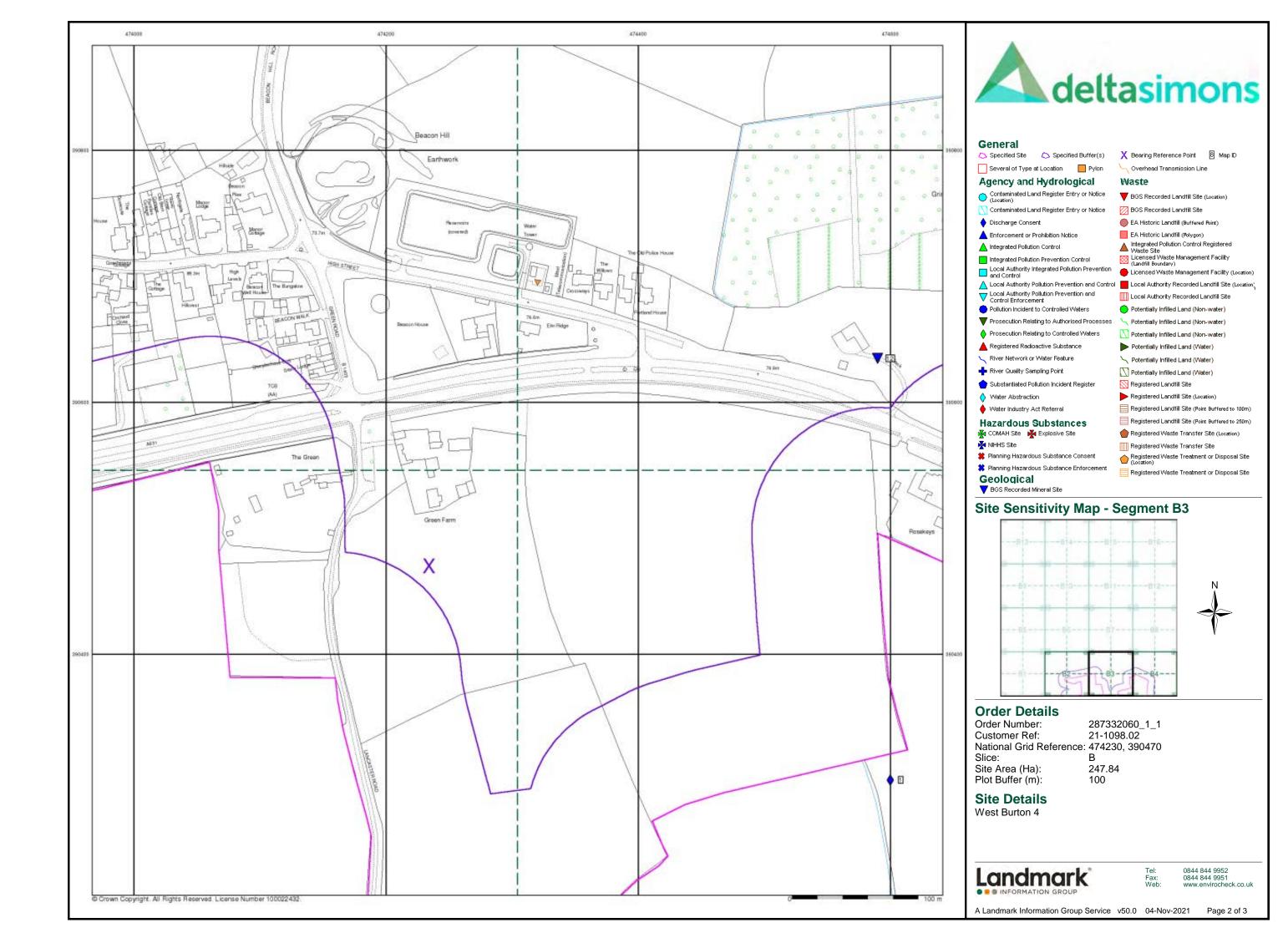
Full Terms and Conditions can be found on the following link:

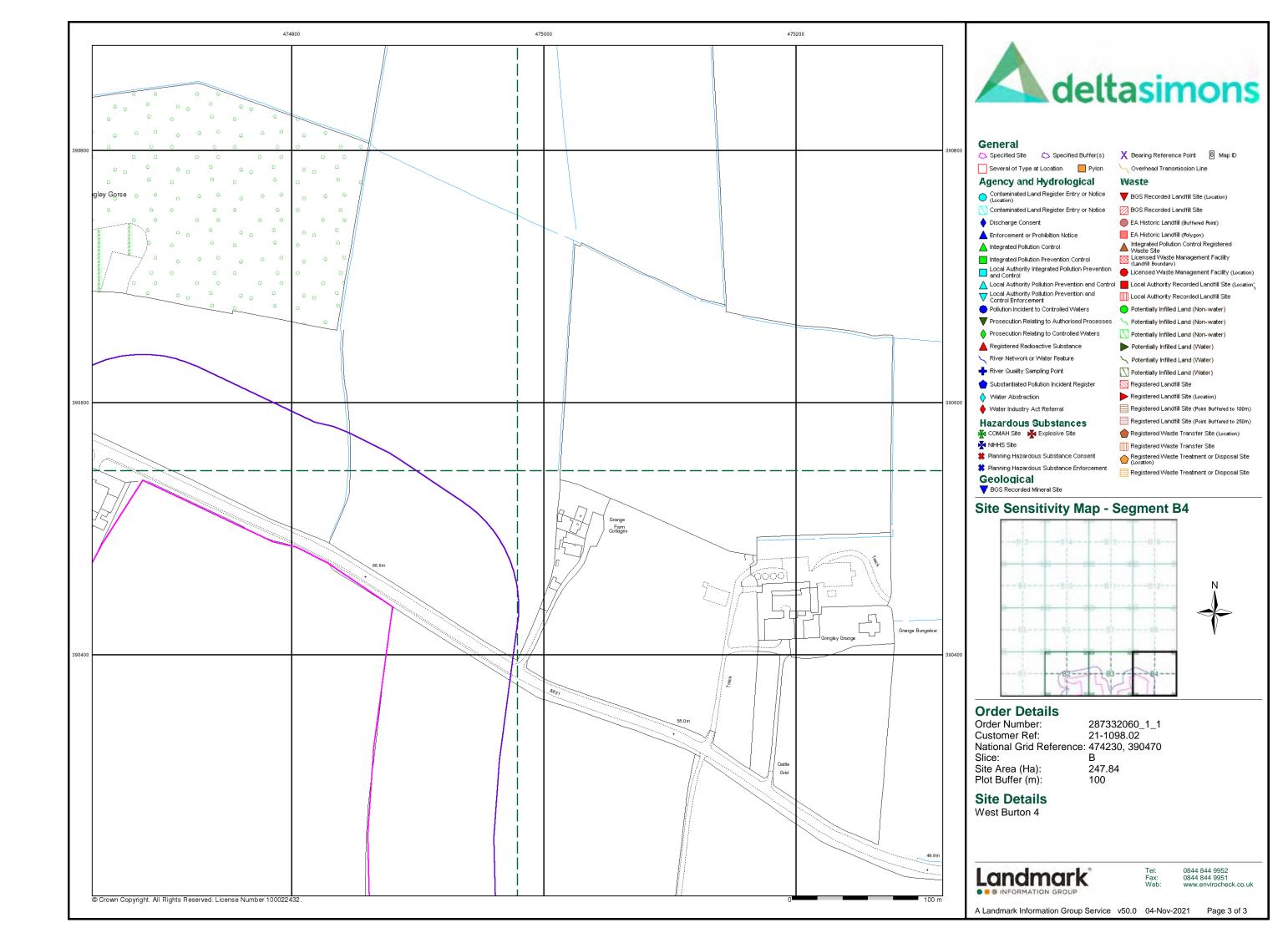


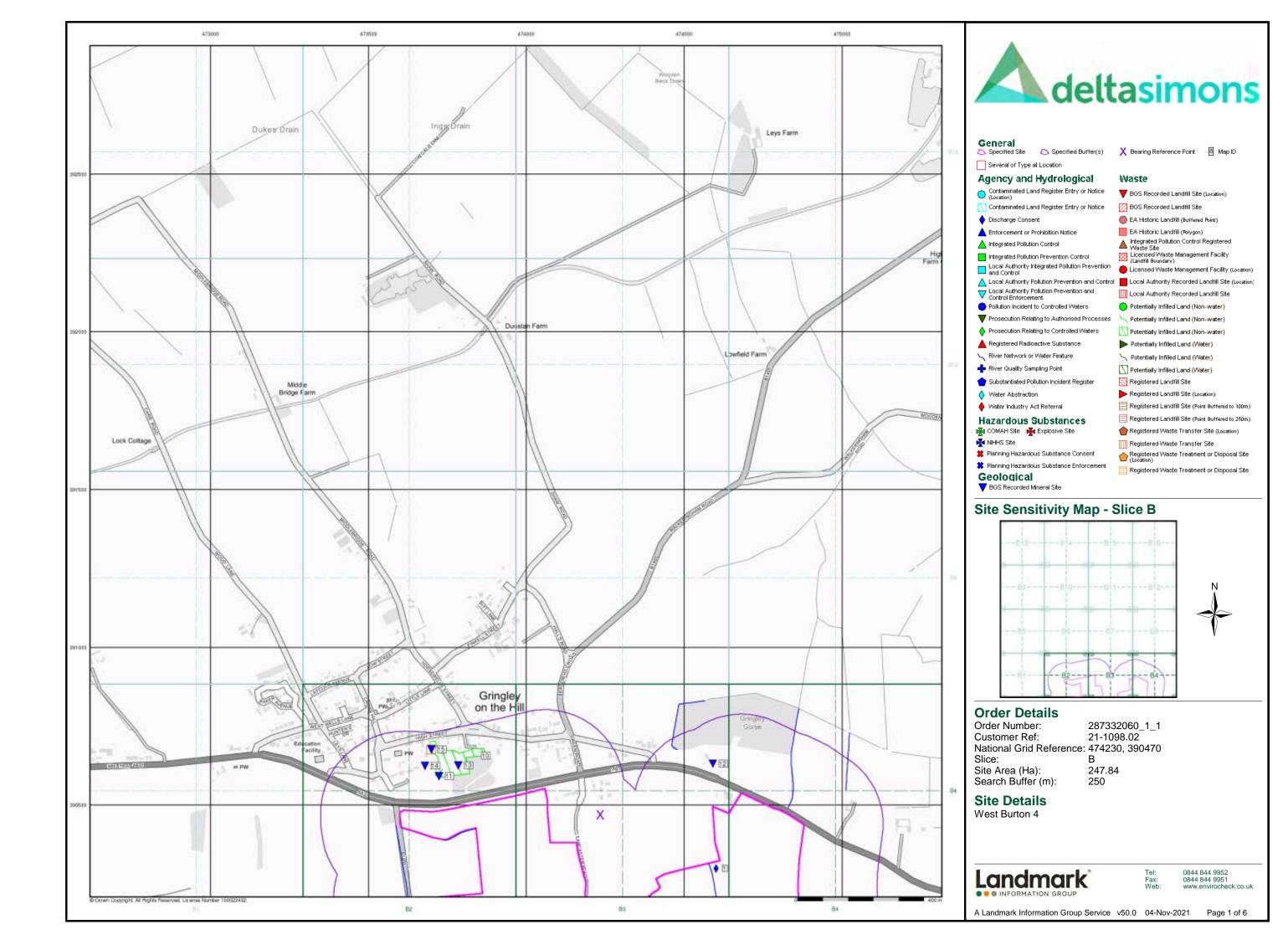
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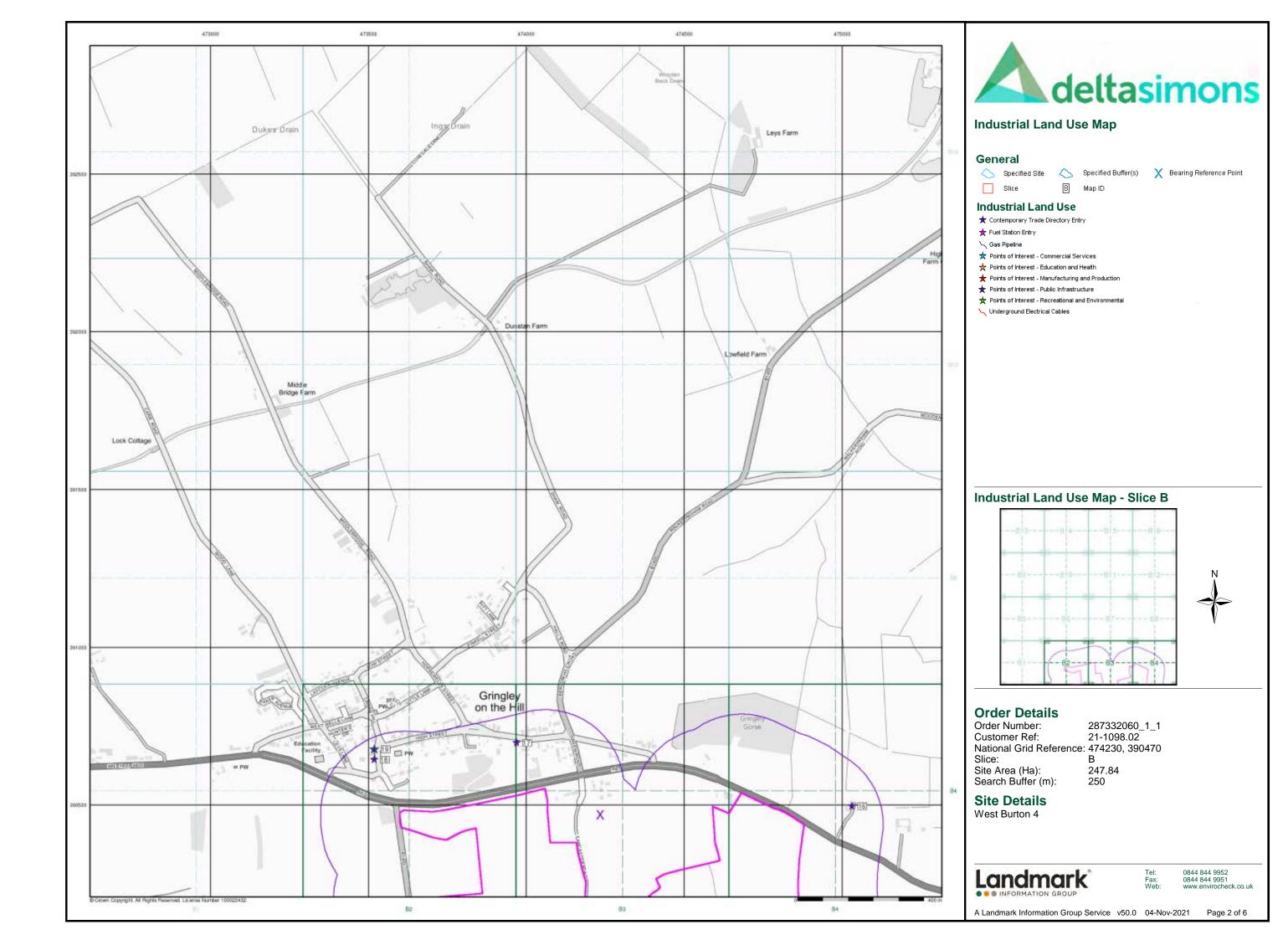
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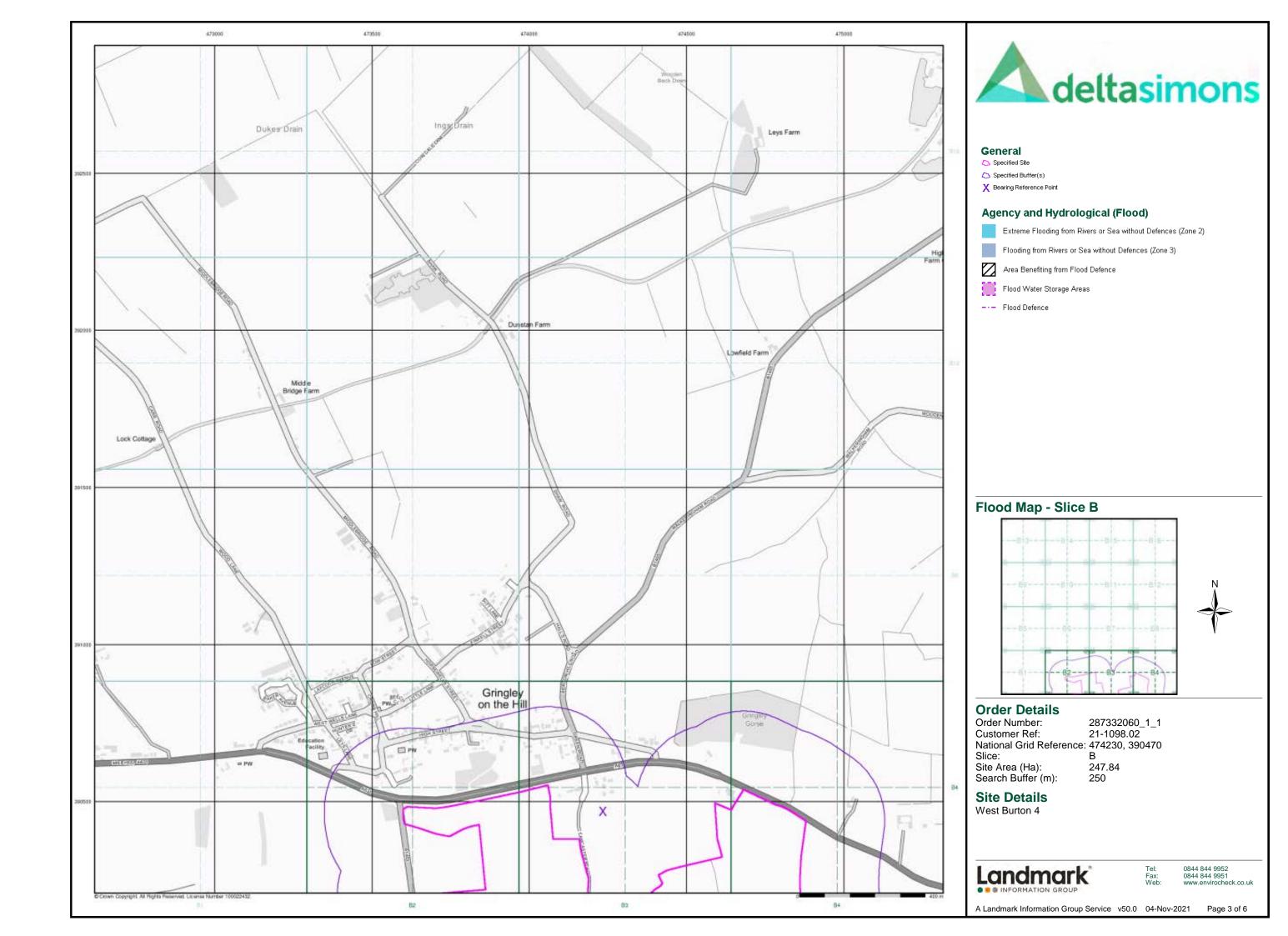


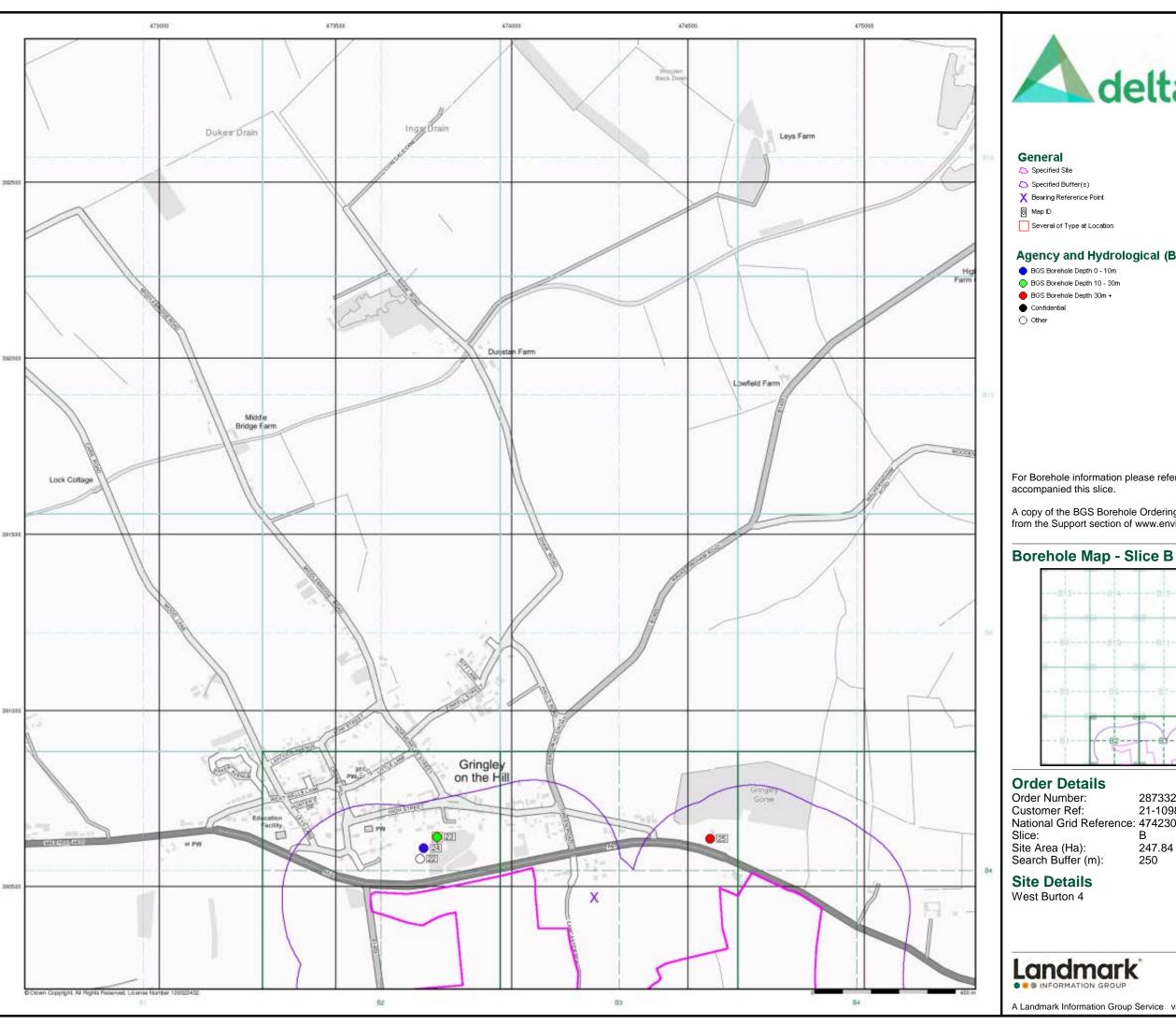










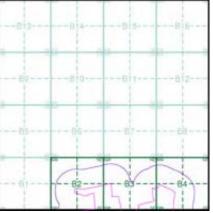




## Agency and Hydrological (Boreholes)

For Borehole information please refer to the Borehole .csv file which

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



287332060_1_1 Customer Ref: 21-1098.02 National Grid Reference: 474230, 390470

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