David R Murray and Associates

DRM Consulting Engineers

BLACKHILLOCK FLEXPOWER LIMITED

PROPOSED BATTERY ENERGY STORAGE SYSTEM BLACKHILLOCK, KEITH MORAY

DESK STUDY CONSTRAINTS REPORT

E12479 SR/NJH **April 2023**

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1.0 INTRODUCTION

Blackhillock Flexpower Limited, part of the Noriker Group, are assessing the development potential of an area of currently grassed and agricultural land located a little over one kilometre to the east south-east of the town of Keith, Moray, Appendix A. The site slopes gently towards the north-east and is situated within a broadly rural setting. A large electricity sub-station facility is however located a short distance to the west whilst a quarry is present a short distance to the south.

Blackhillock Flexpower Limited propose to erect a Battery Energy Storage System (BESS) and associated infrastructure which would be utilised to provide energy to the National Grid as part of the Dynamic Firm Frequency Response network. Following issue of our original desk study constraints report in August 2021 Scott Stability have confirmed that the extent of area currently under consideration for development has been enlarged to the north with a development laydown area to the west of this (green below).

Extent of Area Currently Under Consideration (2023)

Extent of Area Previously Under Consideration (2021)

Given that the original site area has been enlarged, Blackhillock Flexpower Limited requested that an assessment of ground conditions and other associated potential constraints be carried out on the extended area as the originally obtained archive information also covered this area.

The aim of this desk study report is to allow a preliminary assessment of ground conditions and potential engineering and environmental constraints to the development proposed, by reviewing available archive information. This would also enable a suitable scheme of intrusive investigation to be devised which would require to be undertaken prior to any development activity. The findings of the desk study and any subsequent intrusive investigation would be used to confirm ground conditions, inform the location of the built development, and assess the overall suitability of the site for development.

This report has been prepared for the exclusive use of Blackhillock Flexpower Limited. Any use of this report by a third party, or any reliance on or decisions made based on it, are the responsibility of such third parties unless written confirmation at the request of Blackhillock Flexpower Limited has been provided by David R. Murray and Associates.

If new information becomes available in respect of the site, and/or legislation changes after the submission of this report and/or one year has elapsed since submission, the report should be referred back to David R. Murray & Associates for comment or amendment to some or all of the report where necessary.

1.1. Objectives

The objectives of the study were as follows:

- To review available archive information in order to identify any potential geotechnical, mineral and/or environmental constraints to the development proposed.
- Provide recommendations on appropriate site investigation works to assess and quantify any potential construction constraints and environmental issues identified from review of archive information.

2.0 SITE SETTING & DESCRIPTION

The site, which is an irregular shape extends to around 11.85Ha in area with its centre at approximate National Grid Reference (NGR) 343000, 848760, and is located a little over one kilometre to the east south-east of the town of Keith, Moray, Appendix A.

It has not been possible to visit the site however on-line sources confirm that the site is currently agricultural land which slopes relatively gently towards the north-east from around 187mAOD on its south-western portion to 155mAOD on its north-eastern edge.

Pylon supported electricity cables are present within the site boundary oriented west south-west to east north-east with agricultural land located immediately to the north and south of the site. A small water course within a shallow depression is located adjacent to the site's eastern boundary. The boundary of the site curves around this area of lower ground.

A farmsteading, Gibston, and associated agricultural out buildings are located to the west. An unnamed road in this area provides access to a very large electrical substation site (Blackhillock Substation) to the west of the site. A large quarry, Blackhillock, which is partly reinstated is present around 500m to the south. The A96 trunk road is present around 50m to the north-east of the site.

3.0 SITE HISTORY

A review of Ordnance Survey maps, Appendix C, was undertaken to assess historical land uses and major changes which could provide an indication of ground conditions and potential environmental issues.

Maps confirms that the site has never been developed, presumably remaining in constant agricultural use. Land surrounding the site has also remained undeveloped and in agricultural use although a large electrical substation site (largest in Britain) was established to the south-west whilst a large quarry has been present around 200m -500m to the south for many years.

A summary of the history of the site and surrounding area is provided in Table 1 below.

Table 1: Historic land use of the site and environs

Map Survey Date	Subject Site	Site Environs
1869-1872 (1:10,560 & 1:2,500)	Site undeveloped and presumably in agricultural use. A drainage ditch, discharging to the small water course to the east is present within the north-eastern portion of the site. A well is located within the western portion.	Gibston Farm, is present around to the west of the site with a well indicated to be present in this area. A small water course within a marshy/heath area is located adjacent to the site's north-eastern boundary. A quarry, Blackhillock Quarry is present around 200m to the south of the site. A limeworks is associated with the quarry. A mill dam and lead were present 200m to the north-west. A road which would later become the A96 is present around 50m to the north-east. Two shafts (although not named as such) were indicated to be present around 200m to the south of the site boundary and are presumably associated with the limestone in this area.
1905 (1:10,560 & 1:2,500)	Well no longer shown.	Blackhillock Quarry enlarged southwards.
1959 (1:10,000)	Little significant change.	Blackhillock Quarry (limestone) to south further enlarged.
1976-1981 (1:10,000 & 1:2,500)	Pylon mounted electrical cables established within the site running west south-west to east north-east.	Blackhillock Quarry to south enlarged further with a second quarry, Cairdshill Quarry (sandstone) present 400m to the south-east. Part of the original Blackhillock Quarry appears to have been infilled. Electrical substation site established 50m to south-west.
1987 (1:2,500)	New set of pylon mounted cables has replaced those originally present with new pylons located within the site.	Little significant change.
2000-2005 (1:10,000 & 1:2,500)	Little significant change	Limestone quarry and sandstone quarry to south have been further enlarged southwards. New (agricultural) building at Gibston to west.
2021 (1:10,000)	New pylons established and orientation of cable within the site altered.	Limestone quarry and sandstone quarry to south have been further enlarged southwards. Electrical substation site 50m to the south-west has been extensively enlarged.

4.0 GEOLOGY, HYDROLOGY AND HYDROGEOLOGY

Online geological maps (current and historic) and those within the Envirocheck Report, Appendix C, have been reviewed to assess geological conditions.

4.1. Superficial Geology

Review of British Geological Survey maps confirms that there is no record of made ground within the site boundary.

Natural soils underlying any topsoil present are mapped as Devensian age glacial till which is likely to comprise firm to stiff, silty or sandy clays with bands of sand and gravel. Although not indicated on maps weaker alluvial soils, associated with the small water course may overlie the glacial soils on the north-eastern and eastern edge of the site.

Drift thickness beneath the site is not known with any certainty however bedrock is associated with higher ground to the south with quarrying having also been undertaken in this area. Rockhead is also present close to surface at Denhead around 200m to the north with rock also encountered at around 3.0m in historical boreholes drilled further to the north along the A96. Drift thickness beneath the site is therefore unlikely to exceed 5.0m.

4.2. Solid Geology

Strata in the area have been subject to extensive faulting making for a complex sequence. Beneath the southern half the site strata belong to the Mortlach Graphitic Schist Formation comprising graphitic pelites. These are sedimentary rocks formed in deep seas which have been subject to low grade metamorphism over 500million years ago. Within the northern half of the site strata belonging to the Corryhabbie Quartzite Formation are present with these comprising orthoquartzite (fawn to white, cross-bedded with pinkish haematite streaks) and thin micaceous interbeds common. Flaggy, micaceous psammites are present locally within the sequence.

Metamorphic carbonate rocks, the Dufftown Limestone, are present on or close to the sites southern edge. These are the limestones that have been extensive quarried to the south at Blackhillock.

4.3. Mineral Stability

The site is not located within a defined Coal Authority mining reporting area. However, limestone has been quarried for many years in the area to the south with historical maps indicating the presence of two shafts located to the south of the site.

Given the limited drift cover and relative ease of access to the limestone, it is considered to be unlikely that any extraction by underground methods would have been undertaken. The shafts may simply have been exploratory holes to assess the location of the limestone outcrop.

The strata dips towards the south-east therefore even if mining had occurred any workings would not be expected to be present below the subject site. The mineral stability of the site is considered to be satisfactory and mineral investigations are not therefore necessary.

4.4. Quarrying Activities

Review of historical maps and information contained in the Envirocheck Report, Appendix C, confirms that there are no quarrying activities located within the site boundary. Extensive quarrying activity for limestone and sandstone has been undertaken on sites located more than 200m to the south and south-east of the site area.

4.5. Radon

Radon is a colourless, odourless radioactive gas which is formed by the radioactive decay of small amounts of uranium that occur naturally in all rocks and soils. The main danger from high radon exposure is the increased risk of lung cancer. For most people, radon is the single largest source of radiation exposure whether they are at home or at work.

Online radon mapping has identified that the site is in an area where between 1%-3% of homes could be affected by radon gas at levels in excess of 200bq. Stage 1 radon protection measures would therefore be required beneath all future new built development located in these areas in order to prevent the potential accumulation of radon gas. Cognisance of the potential for radon gas generation would need to be taken in the event that any structures likely to be subject to occupation are proposed for the site.

4.6. Hydrology

The nearest surface water feature in the vicinity of the site is the small unnamed water course located adjacent to the eastern boundary which is fed by a drainage ditch crossing the site in this area. The water course feeds into the Den Burn further to the north.

Based upon the local topography any surface water on the site would be expected to flow towards the north-east, therefore, in the unlikely event of any significant contamination being present on the site it would have the potential to affect the water environment and water bodies in this direction. Notwithstanding this, no significant contamination is expected within the site boundary. As part of any future development, surface water management and attenuation would need to be designed to attenuate run off as is good practice in order to avoid any impact upon the wider water environment. In particular the drainage ditch that runs across the northern portion of the site would need to be managed.

4.7. Flood Risk

Review of the SEPA online mapping confirms that the site is not at risk from flooding from surface water bodies in the area which is unsurprising given the local topography.

A small area within the water course to the north-east may be prone to accumulation of overland surface flow during periods of heavier rainfall, although as indicated above, any development would need to manage and attenuate any water discharging to this water course.

4.8. Hydrogeology

The bedrock underlying the site is classified as a Non or Weakly Permeable Aquifer with negligible permeability containing insignificant quantities of groundwater. Drift is also thin (and expected to be cohesive in nature) and would not be expected to yield any significant volume of water – less than 10m3/day. Therefore, in relation to The Water Environment (Controlled Activities) (Scotland) Regulations 2005, the superficial soil or drift would be classified as a non-aquifer.

The underlying bedrock is also not an aquifer and therefore not a receptor in terms of its potential as a future drinking water source.

The SEPA WAT-PS-10 01 guidance states that future drinking sources should be protected. However, there is no realistic source of future drinking water at this site. It is considered that the proposed end use would not have a significant adverse impact given the absence of a suitable bedrock aquifer, albeit the presence of any mobile contamination in soils on the site is not considered to be likely.

5.0 REGULATORY AUTHORITIES ARCHIVE

The Envirocheck Report, Appendix C, contains information on; landfill sites, waste treatment operations, discharge consents and emissions consents, sites holding radioactive substances authorisations and hazardous substances consents, contemporary trade directories and on sites where fuels are stored.

Review of this information confirms that there are no records of the following within the site boundary or indeed within 250m.

- Contaminated Land Register Entries and Notice
- Enforcement and Prohibition Notices
- Integrated Pollution Controls
- Local Authority Integrated Pollution Prevention and Controls
- Local Authority Pollution Prevention and Controls
- Registered Radioactive Substances
- Local Authority Recorded Landfill Sites
- Registered Landfill Sites
- Registered Waste Transfer Sites
- Registered Waste Treatment or Disposal Sites
- Notifications of Installations Handling Hazardous Substances
- Controls of Major Accident Hazard (COMAH) Sites
- Explosive Sites
- Planning Hazardous Controls
- Garage and Fuel Stations
- Contemporary Trade Directories

There are discharge consents associated with septic tanks within the wider area.

Local Authority Pollution Prevention and controls (air pollution) are associated with both quarries located a little over 250m to the south of the site.

Some record of infilling, associated with the above quarries are noted around 190m to the south of the site boundary.

None of the activities identified in the archive are however considered to represent any significant risk to any future development proposed.

6.0 UTILITIES

Plans have been obtained from the main utilities providers, Appendix B. Review of the plans confirms that other than overhead transmission lines, utilities infrastructure is not present within the site boundary, with very little recorded infrastructure located in the area in general.

Pole mounted cables are present a short distance to the east of the site boundary.

Cognisance of the requirements when working around overhead cables during and following development would need to be taken with this infrastructure crossing the site from west south-west to east north-east.

There does not appear to be any mains water, drainage, gas or telecoms infrastructure in the immediate vicinity of the site area. Cognisance of this would need to be taken during construction and following development if the site is to be occupied on a day to day basis.

Due diligence discussion with the various utilities providers in respect of existing capacities and requirements for diversions and reinforcements to the existing networks would be necessary in due course once the nature of the development layout and servicing requirements are known with greater certainty.

7.0 SUMMARY OF CONSTRAINTS TO DEVELOPMENT

The following issues/potential construction constraints associated with ground conditions have been identified from the archive information reviewed.

The exact nature of the development proposed and associated design loadings is not currently known. Notwithstanding this, the glacial materials and any shallow rock at the site would be expected to provide the bearing capacities necessary to support low rise development. Less competent alluvial materials may be present along the sites eastern and north-eastern edges however, if present, these are unlikely to extend to any significant degree into the main body of the site area currently under consideration.

Given the sloping nature of the site some cut and fill is likely to be required to create a level platform for development. It may be possible to re-use the existing glacial clay materials to platform the site. It is also likely, subject to site investigation works, that rock may be present at shallow depths and as such excavated rock materials may also be available and be suitable in order to allow platforming.

Soil contamination is unlikely and is not considered to present a constraint to development. Likewise, the potential for significant soil gas generation is low.

Due diligence surface water management and associated drainage would need to be established and designed in line with current SEPA and, if pertinent, Scottish Water requirements. In particular, the drainage ditch that runs across the north-eastern portion of the site would require to be managed.

Cognisance of the potential for radon gas generation would need to be taken if any structures likely to be subject to occupation are proposed for the site.

8.0 RECOMMENDATIONS

David R Murray & Associates have reviewed available archive information to allow an initial assessment of potential constraints to the development of a site located a little over one kilometre to the south of the town of Keith in Moray. The site is proposed for the erection of a battery storage facility to hold and feed power back into the National Grid as part of the Dynamic Firm Frequency Response network.

Competent glacial soils are expected to be present below topsoil in this area, with information also suggesting the likely presence of bedrock at relatively shallow depth.

It is therefore recommended that investigation, comprising trial pits and boreholes, be undertaken on the site to assess the depth to bedrock and nature of drift materials and their potential for re-use in platforming earthworks. The extent of any alluvial materials on the eastern and north-eastern edge of the site should also be assessed.

DRM would be happy to provide a scope of works and costings for undertaking and reporting on site investigation works.

The mineral stability of the site is considered to be satisfactory given the absence of any mineral seams of potentially economic thickness below the site itself. Investigations to assess mineral stability are not required.

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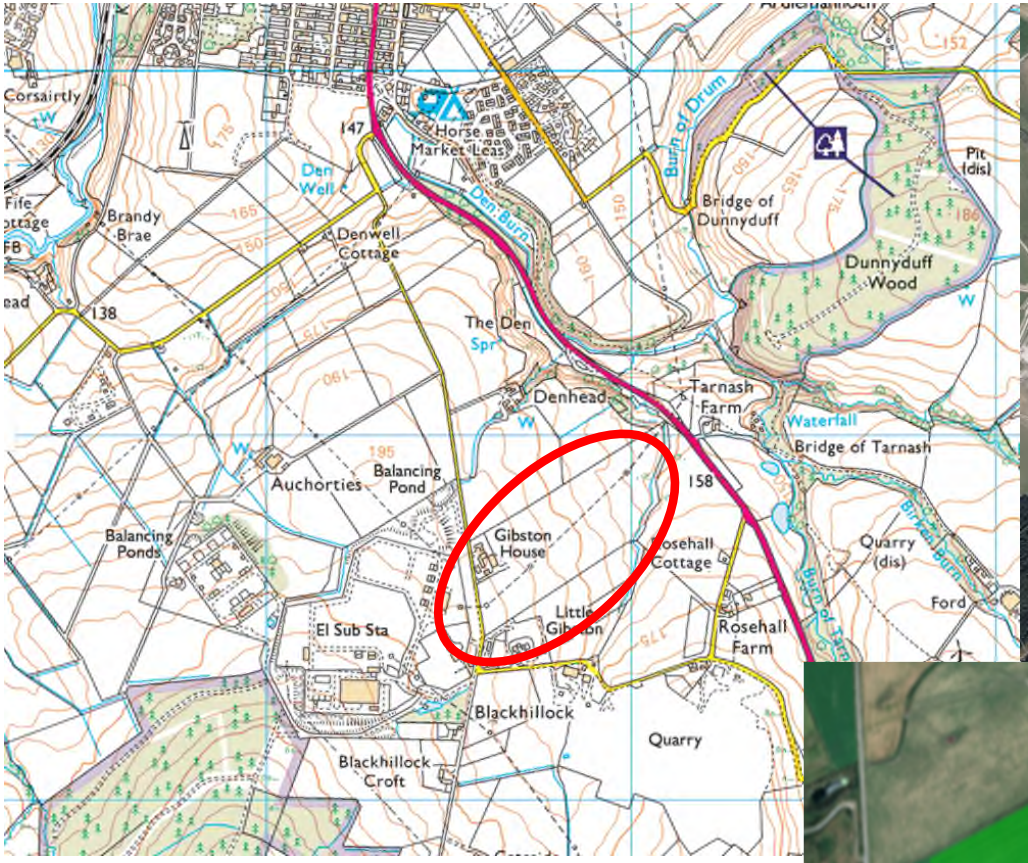
APPENDIX A

SITE LOCATION PLANS



SITE LOCATION PLAN

BLACKHILLOCK, KEITH

E12479

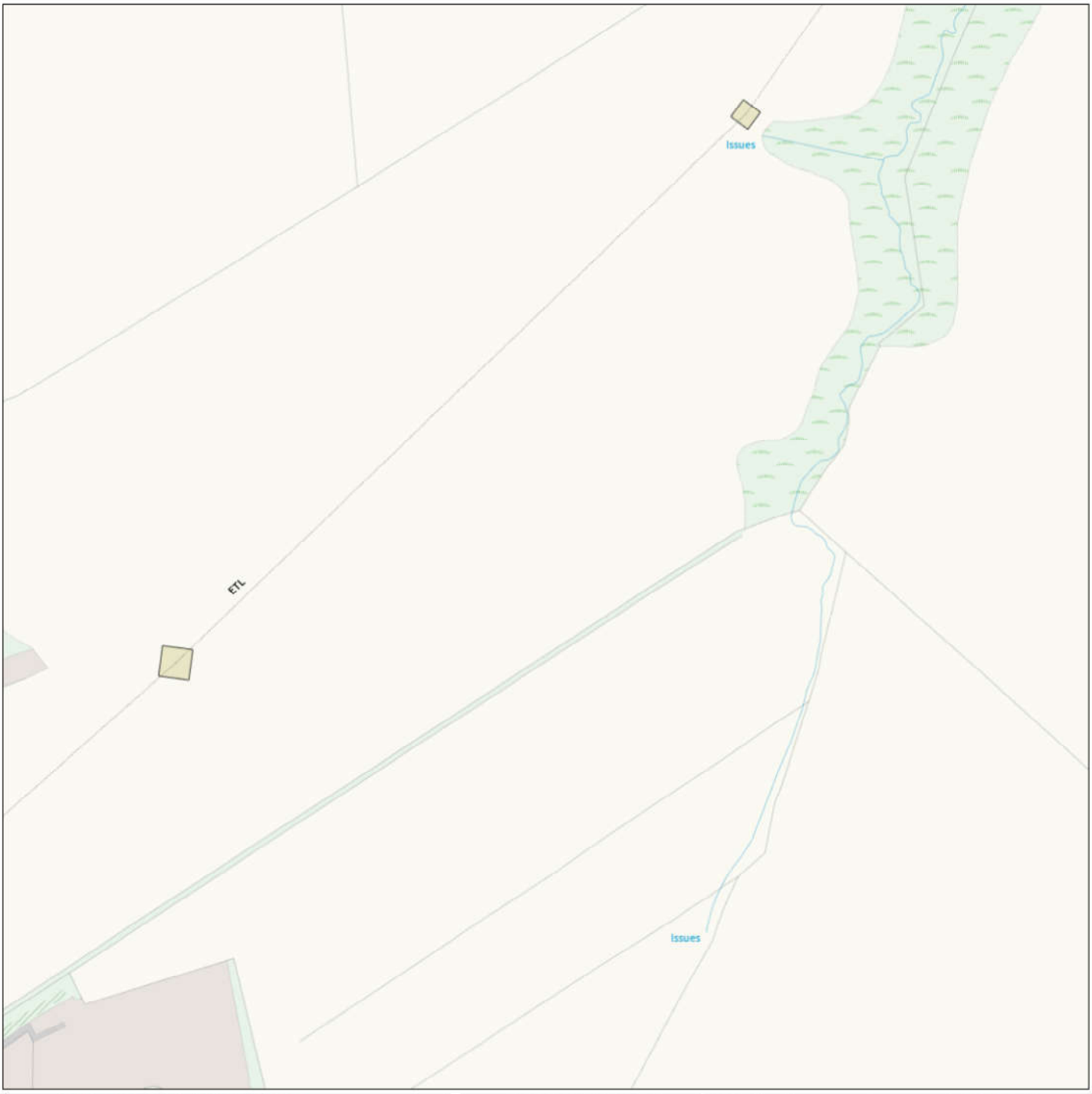
DAVID R MURRAY & ASSOCIATES
CONSULTING ENGINEERS

DRM Consulting Engineers

APPENDIX B

Available Utilities Information

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

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CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
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Accidents happen

If you do damage any Openreach equipment please let us know by calling 0800 023 2023 (opt 1 + opt 1) and we can get it fixed ASAP

KEY TO BT SYMBOLS

	Planned	Live
PCP		
Pole		
Box		
Manhole		
Cabinet		

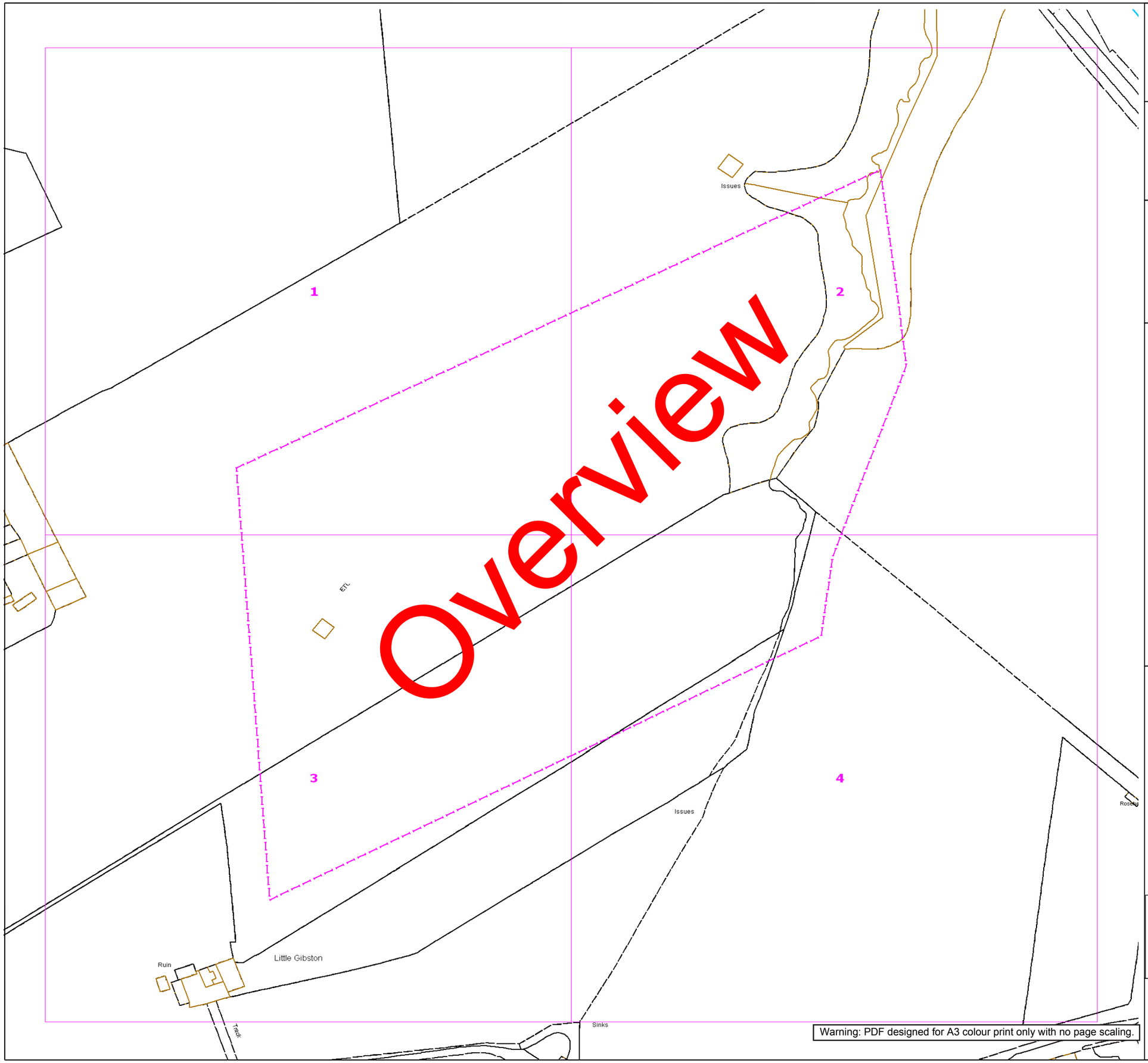
Change Of State	+	Hatchings	
Split Coupling		Built	
Duct Tee		Planned	
Building		Inferred	
Kiosk	K	Duct	

Other proposed plant is shown using dashed lines.
BT Symbols not listed above may be disregarded.
Existing BT Plant may not be recorded.
Information valid at time of preparation. Maps are only valid for 90 days after the date of publication.

	Pending Add	In Place	Pending Remove	Not In Use
Power Cable				
Power Duct				N/A

BT Ref : XTK112050
Map Reference : (centre) NJ4389348694
Easting/Northing : (centre) 343893,848694
Issued : 16/08/2021 23:20:26

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk



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Contact Us

Mapping Enquiries:
All areas

General Enquiries:
All areas

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343900 848678
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Low Pressure Mains
Medium Pressure Mains
Intermediate Pressure Mains
High Pressure Mains
LAs
GTs
SSSIs

Some Examples Of Plant Items
Valve | Syphon | Depth of Cover | Diameter Change | Material Change

Digsite: Line: Area:

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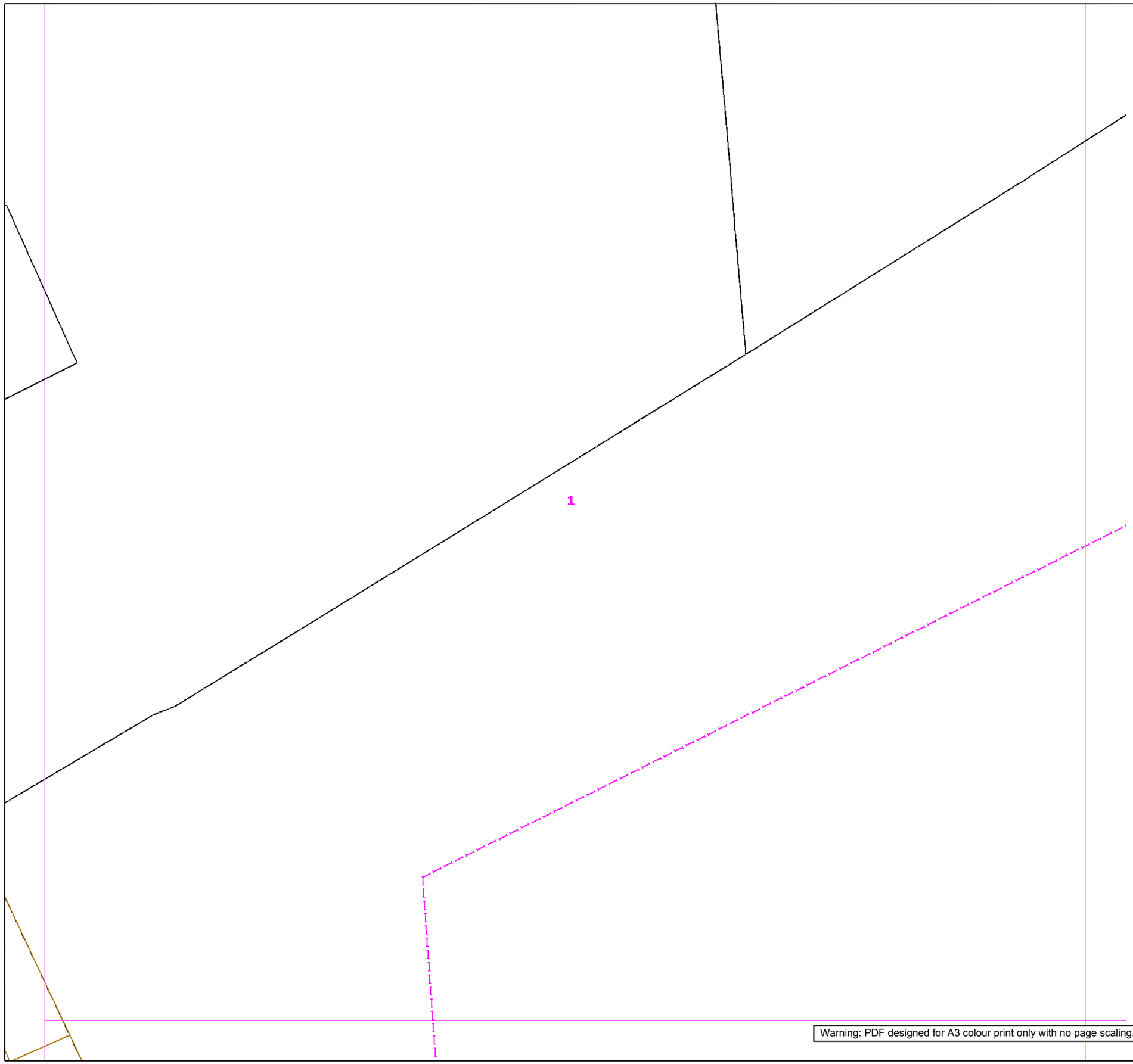

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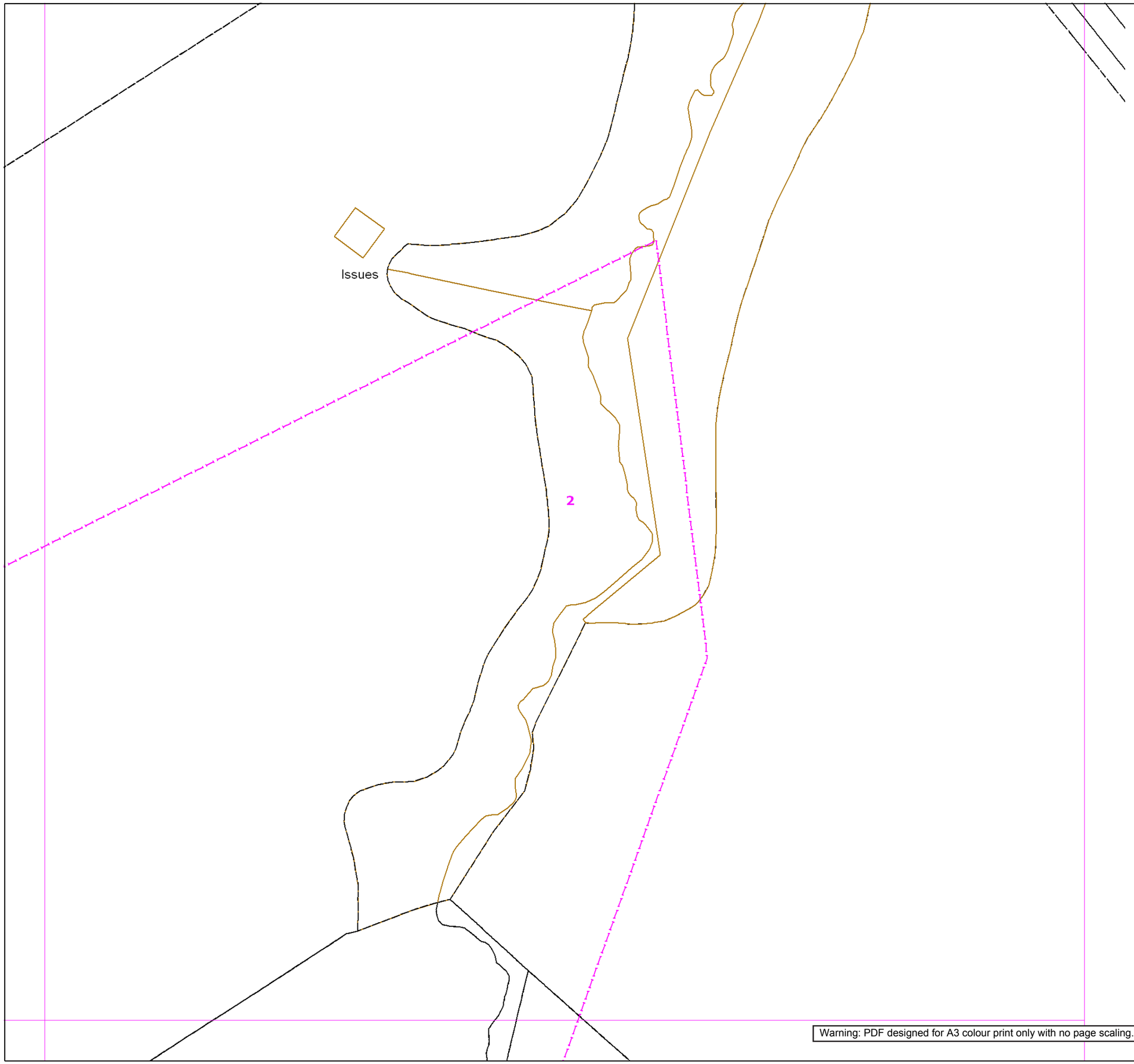

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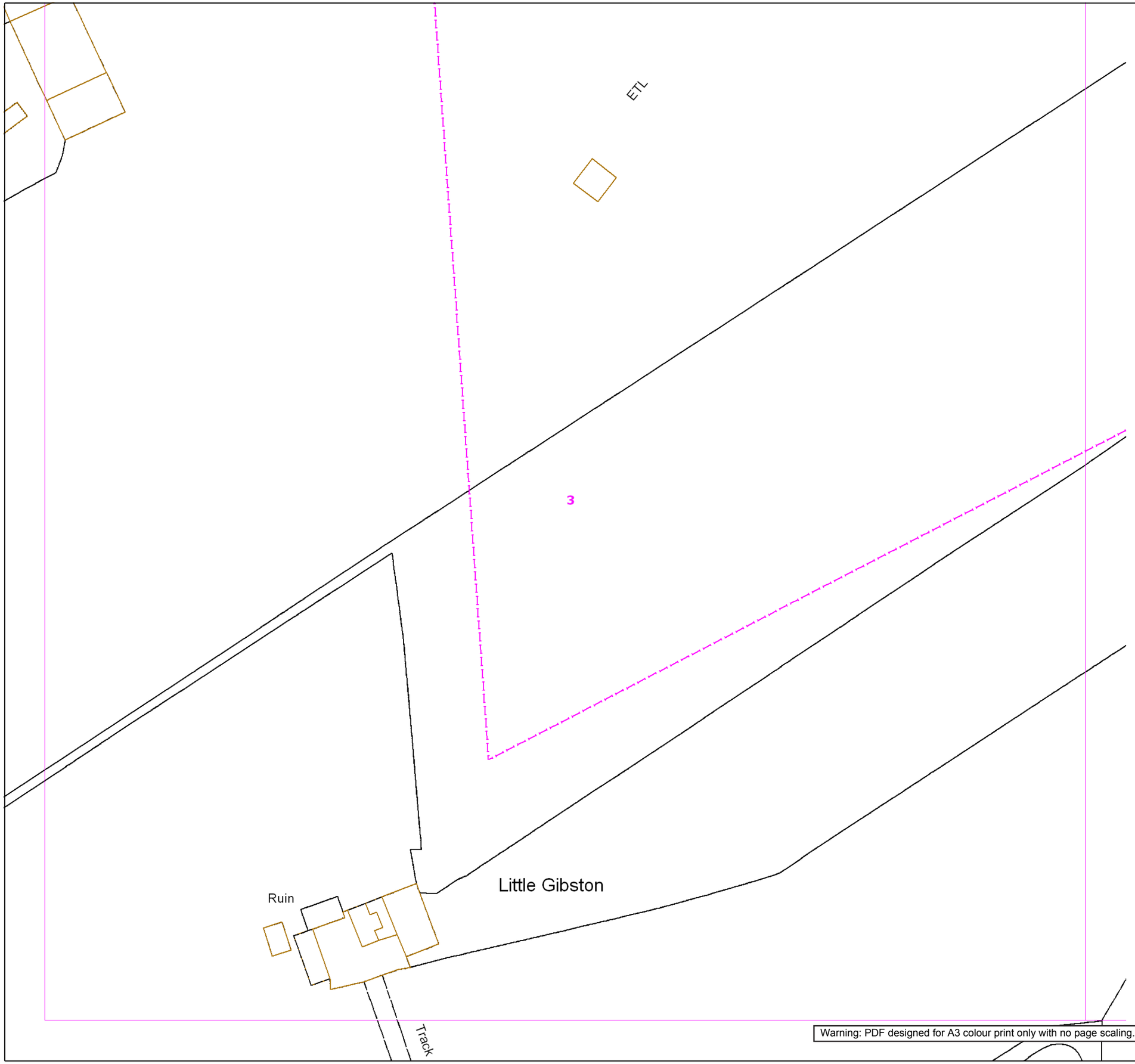

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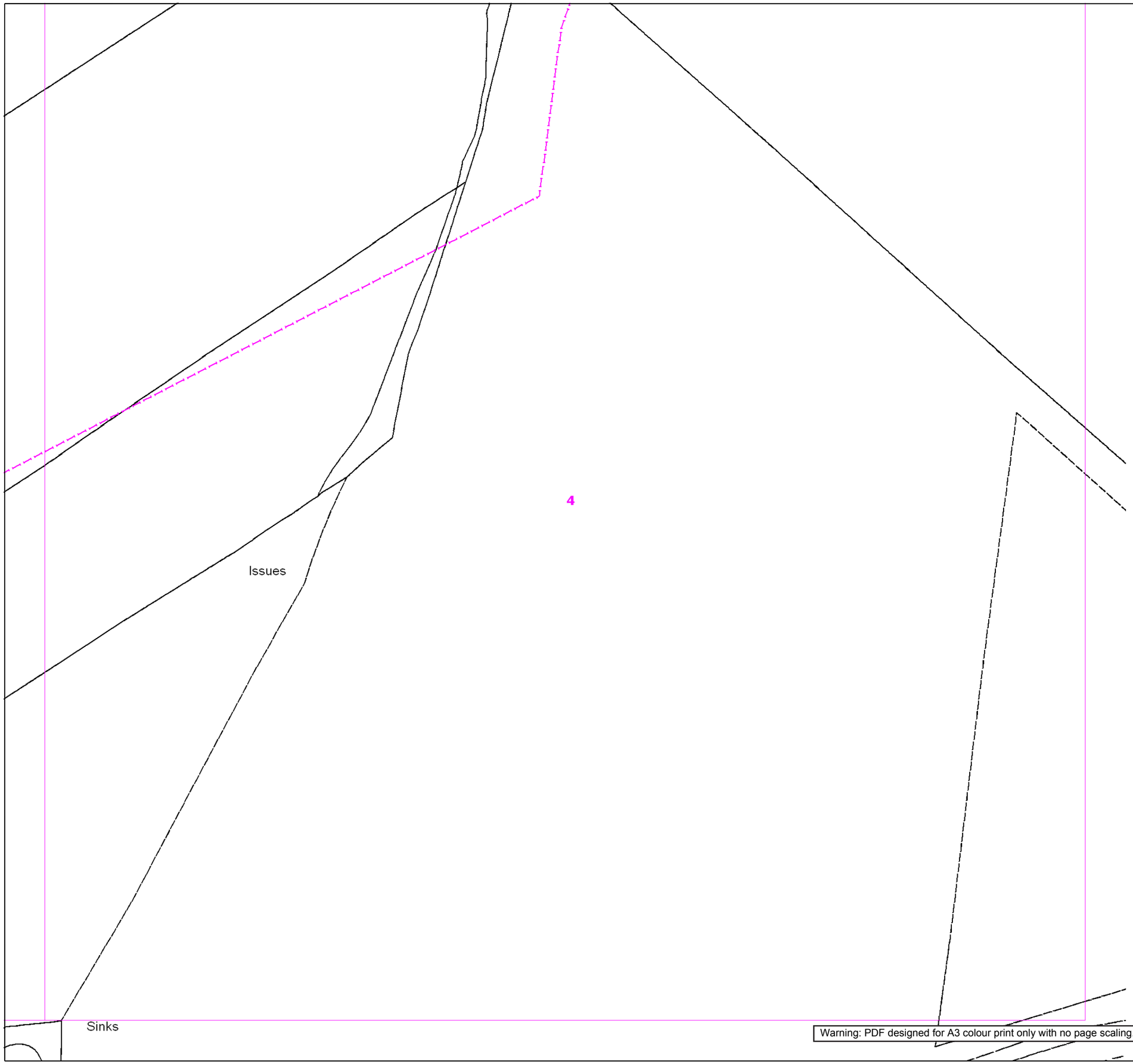

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SGN
Your gas. Our network.

Contact Us

Mapping Enquiries:
All areas

General Enquiries:
All areas

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343900 848678
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK
Exact Scales:
1:1000 Area or Circle dig site
1:1000 Line dig site

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

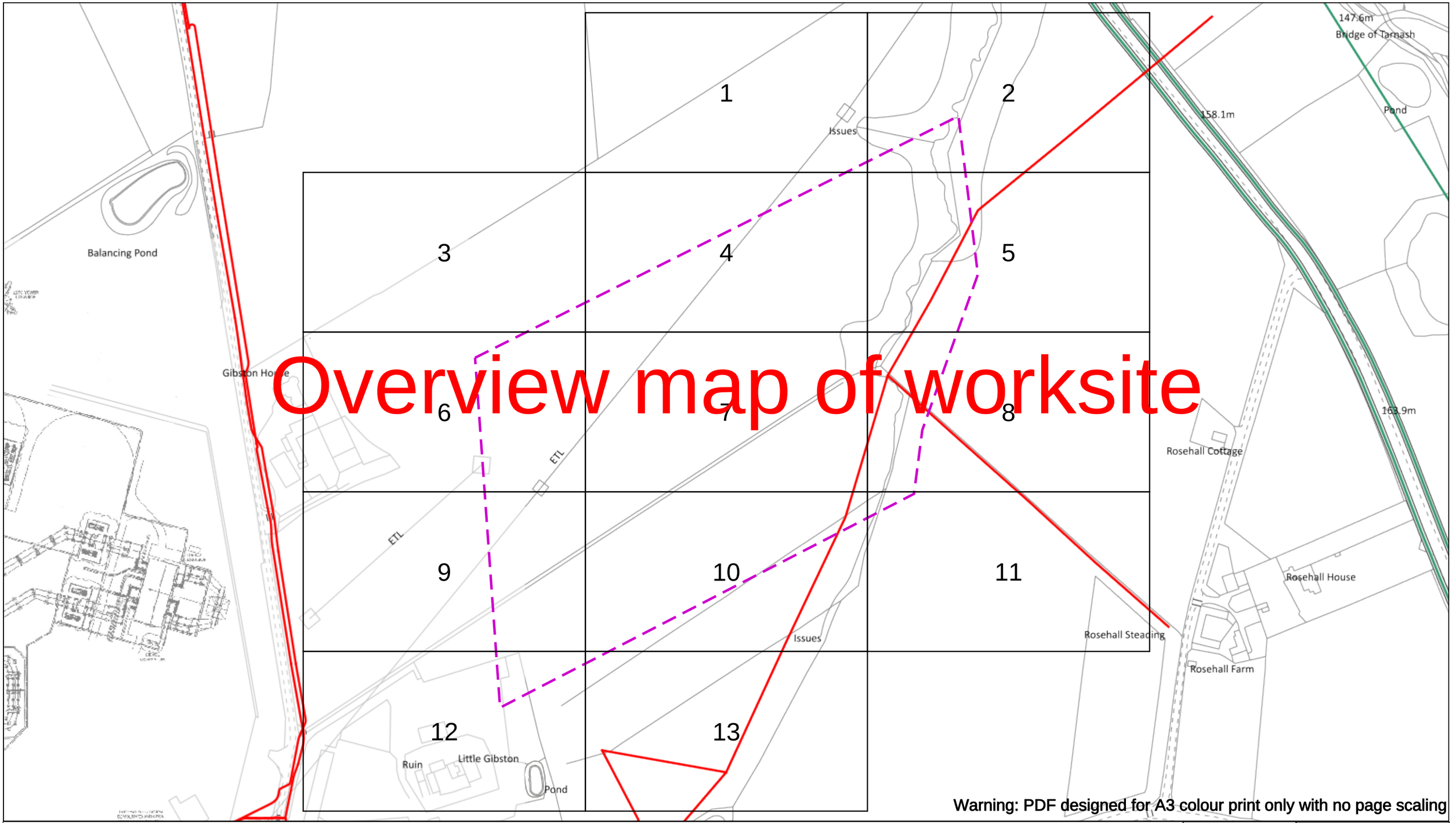
Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Low Pressure Mains
Medium Pressure Mains
Intermediate Pressure Mains
High Pressure Mains
LAs
GTs
SSSIs

Some Examples Of Plant Items
Valve
Syphon
Depth of Cover
Diameter Change
Material Change

Digsite:
Line:
Area:

Linesearch beforeUdig



Overview map of worksite

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Scale: 1:2562 (When plotted at A3)

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WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

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LV (Low Voltage) and Services	Up to 1,000V
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	Services	LV	HV	EHV
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Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

- Service Cable
- LV Mains
- 2 – 3.3kV
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- 66kV
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- 275kV
- 400kV
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- Pilot Cable

Distribution Structures [Electric]

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

Scottish & Southern Electricity Networks

Scottish Hydro Electric Power Distribution plc
Registered Office: Inveralmond House
200 Dunkeld Road Perth PH1 3AQ
Registered in Scotland No. SC213460

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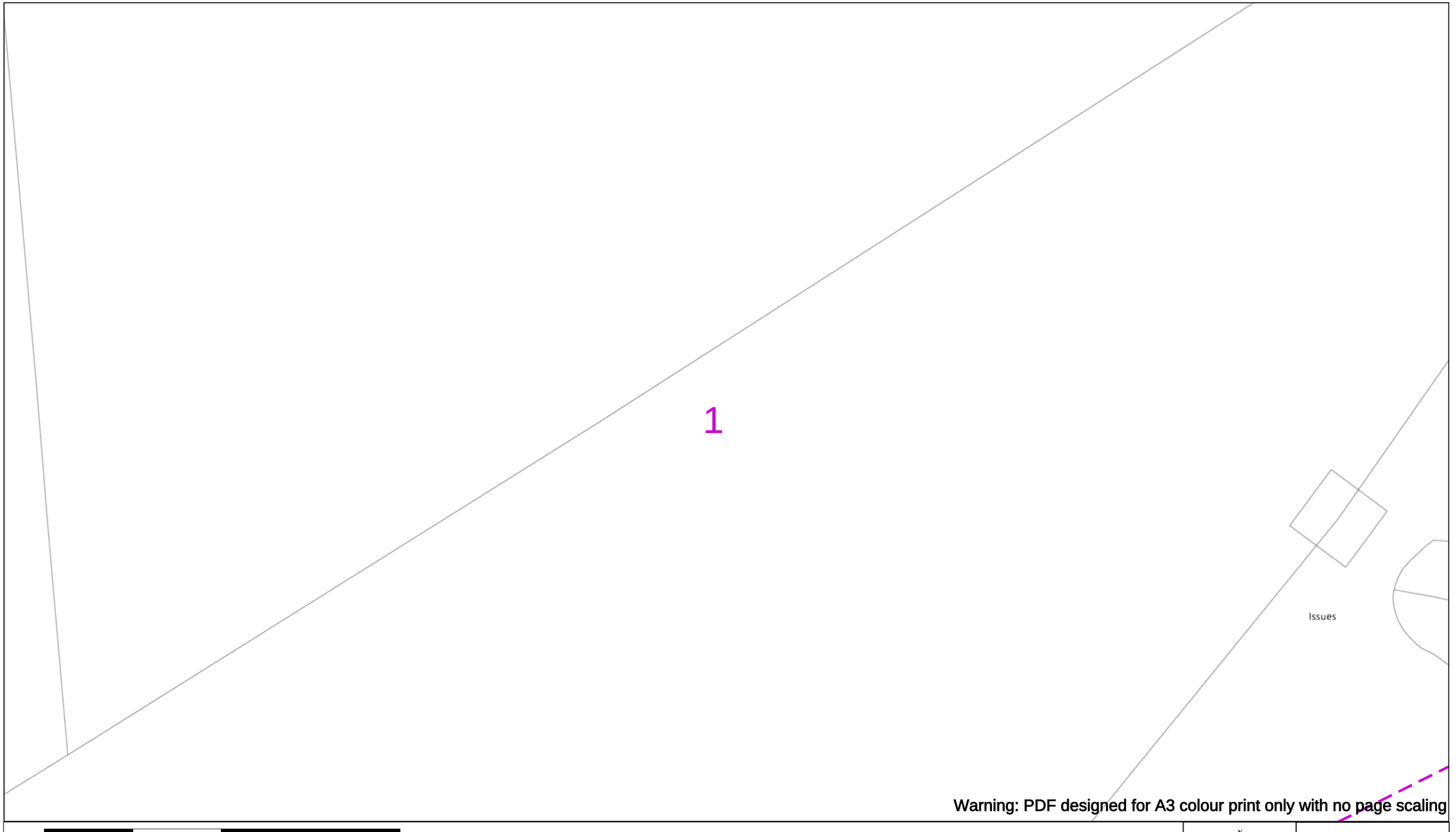
Asset.Data@sse.com
01256 337 294



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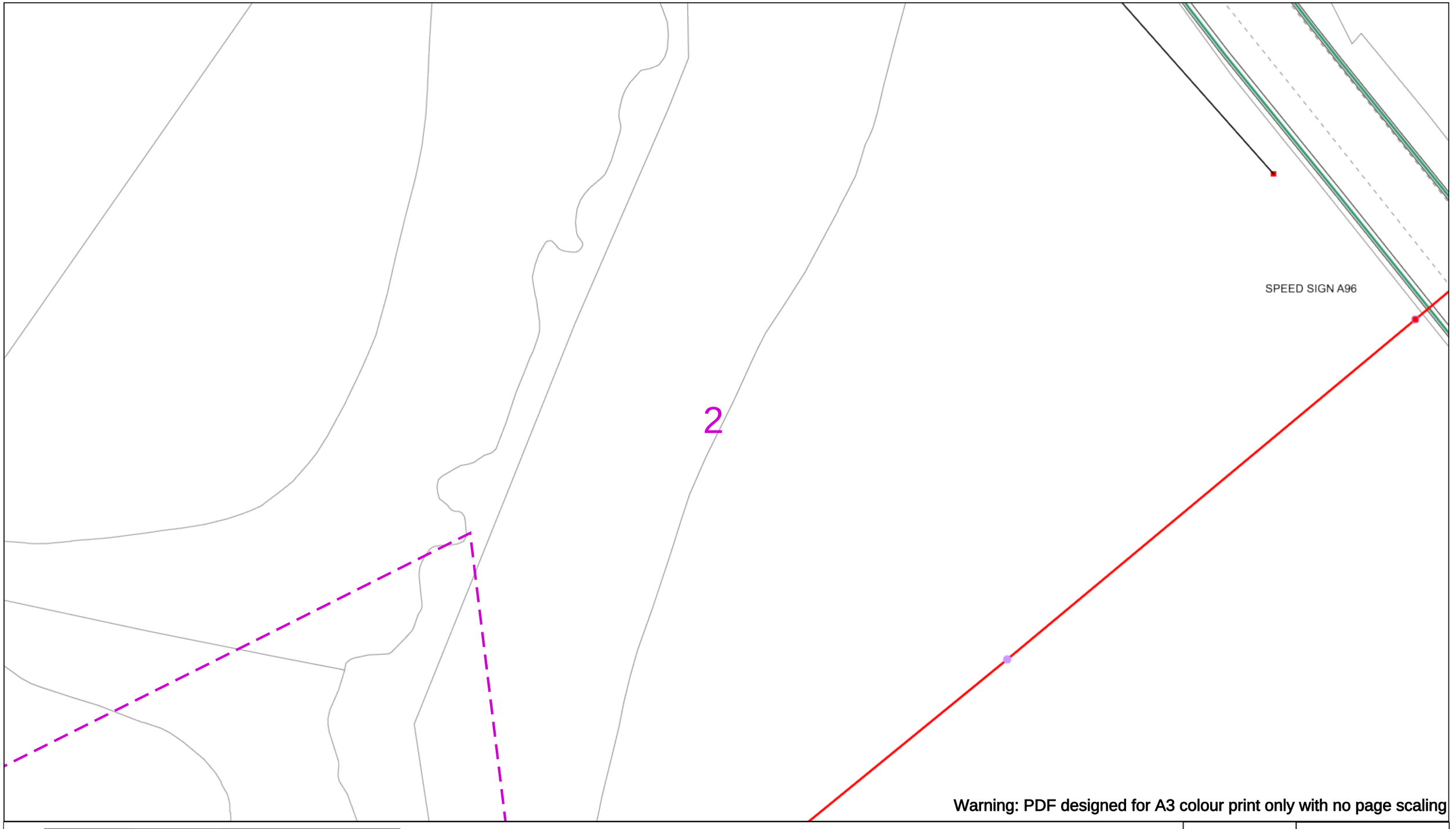

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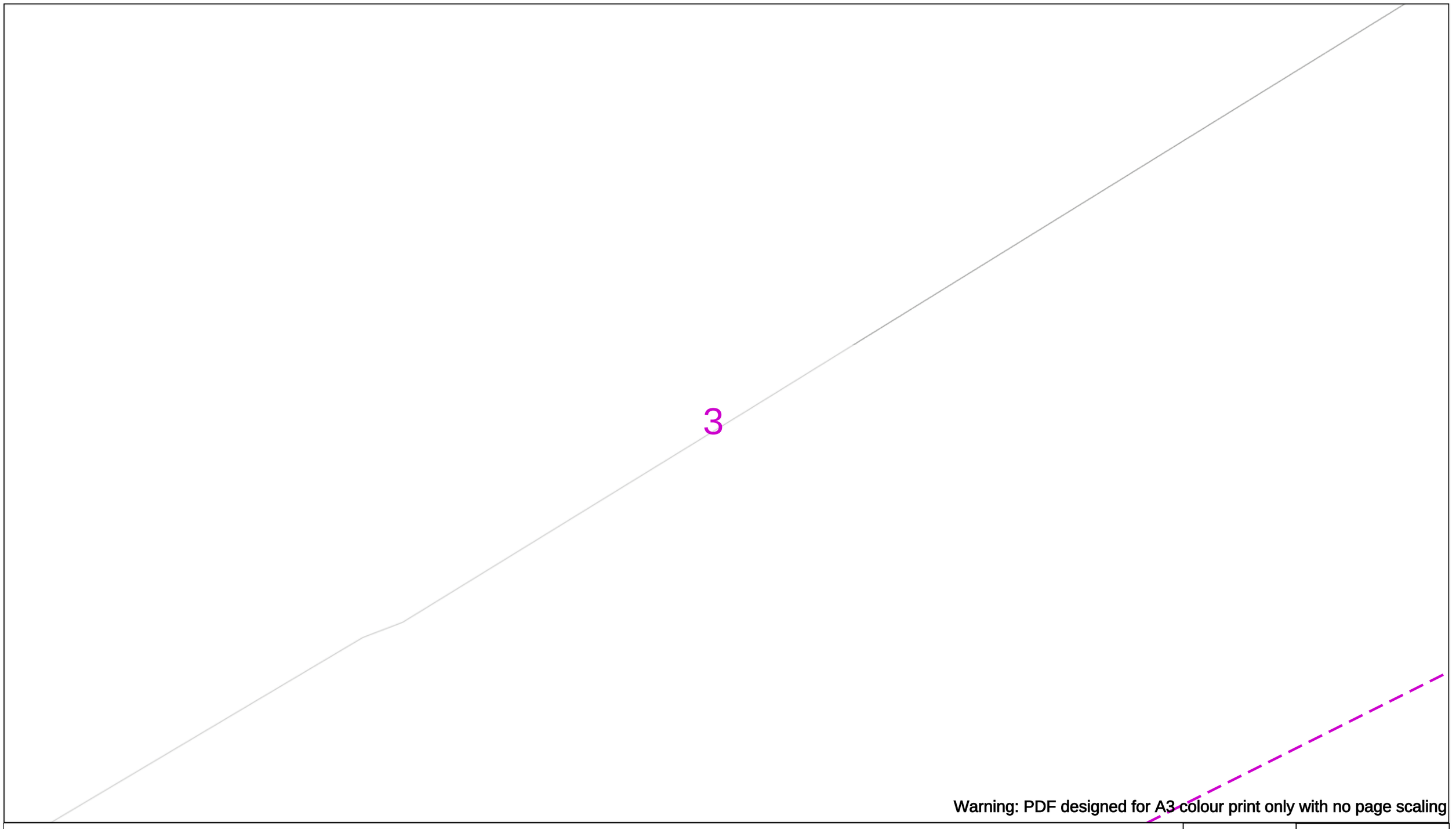

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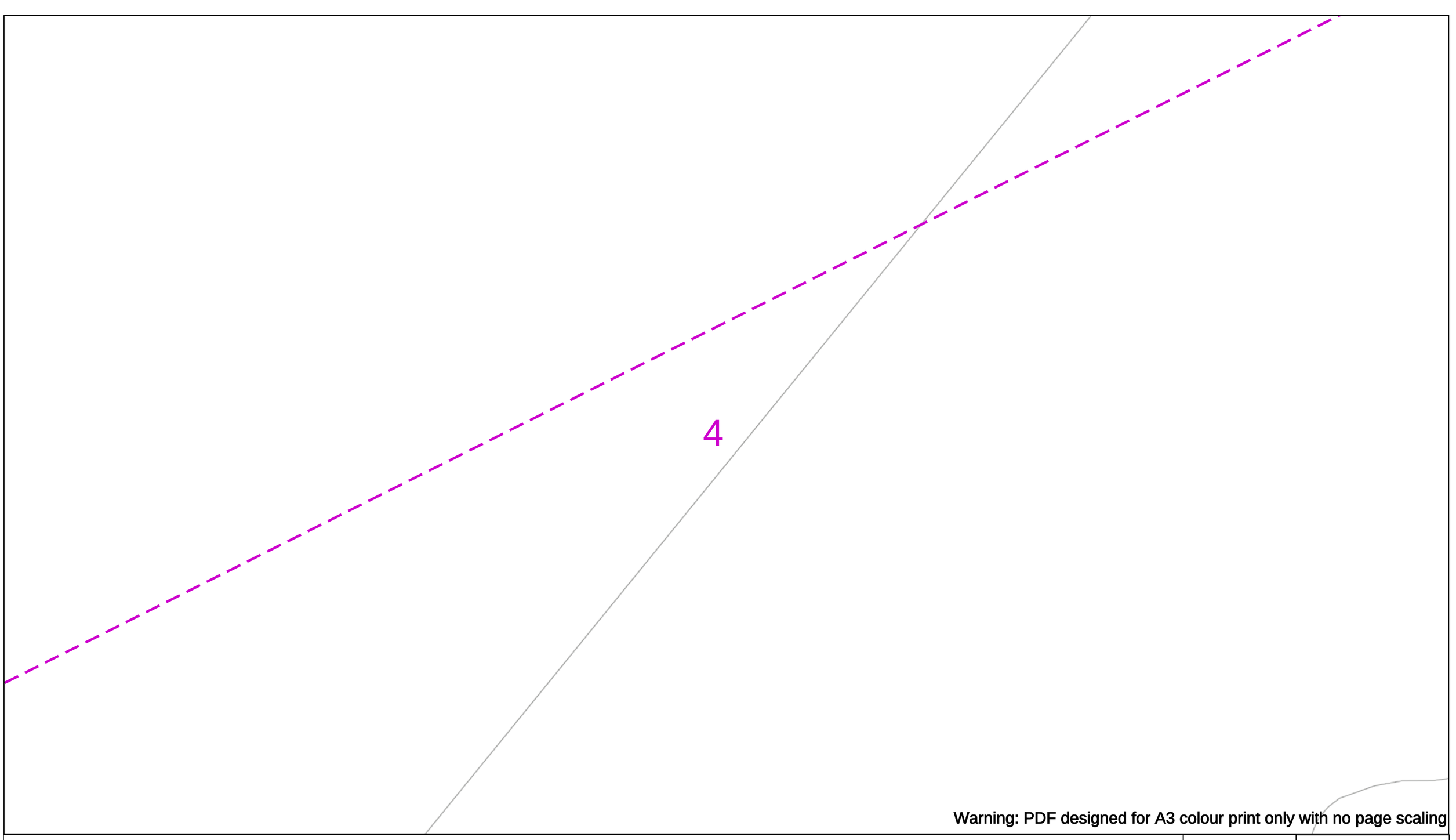

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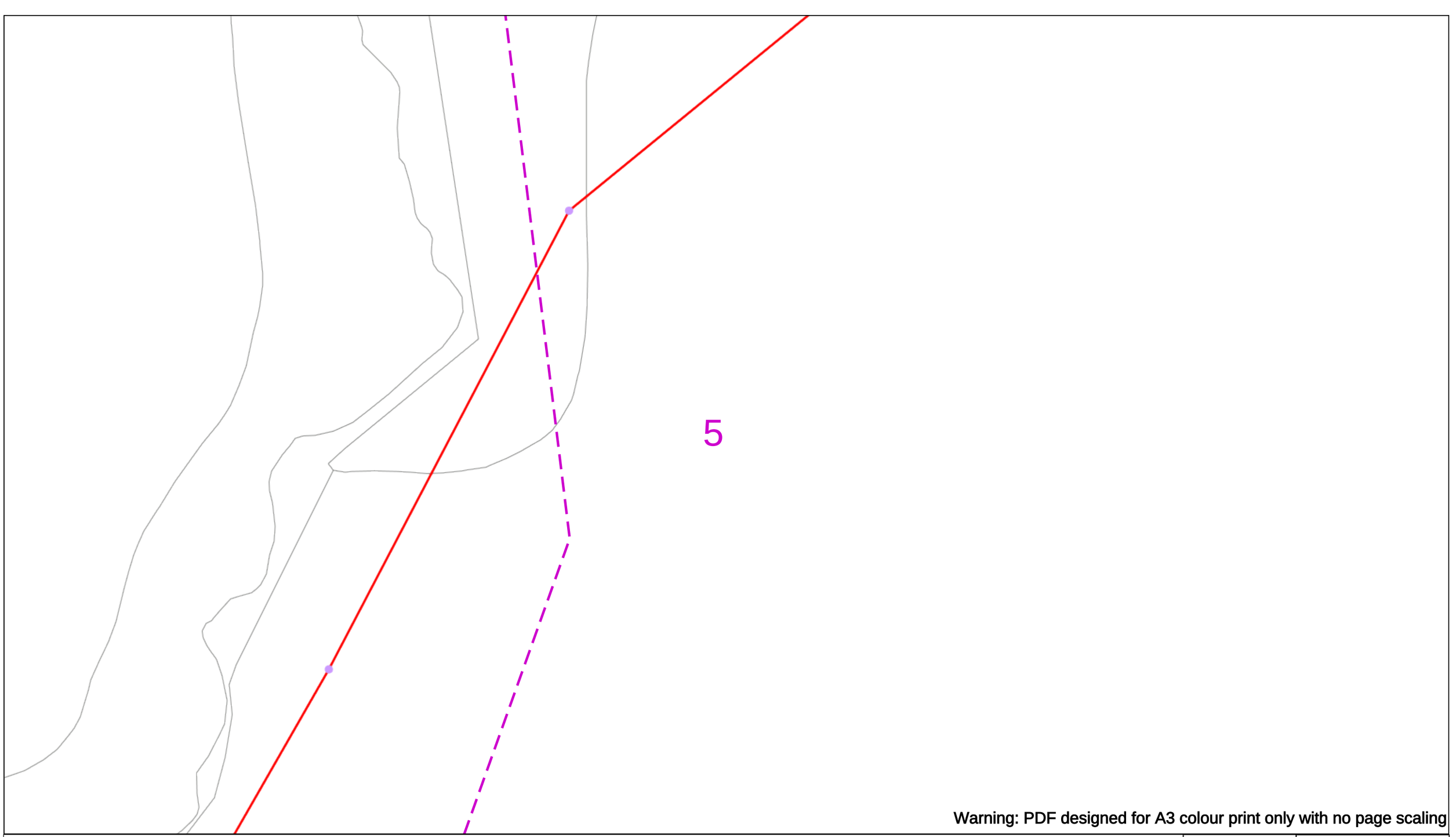

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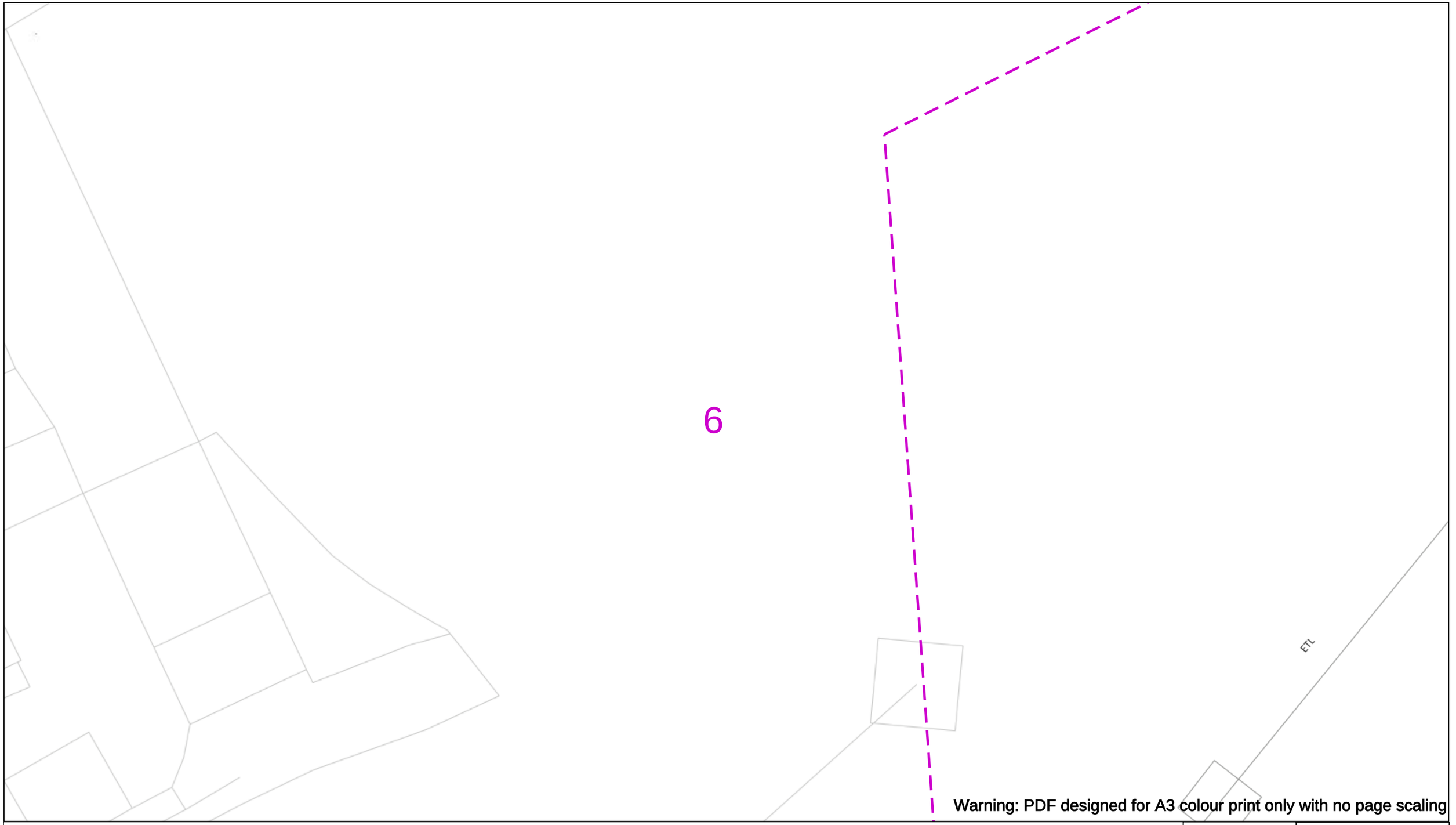

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N NE E SE S SW W NW

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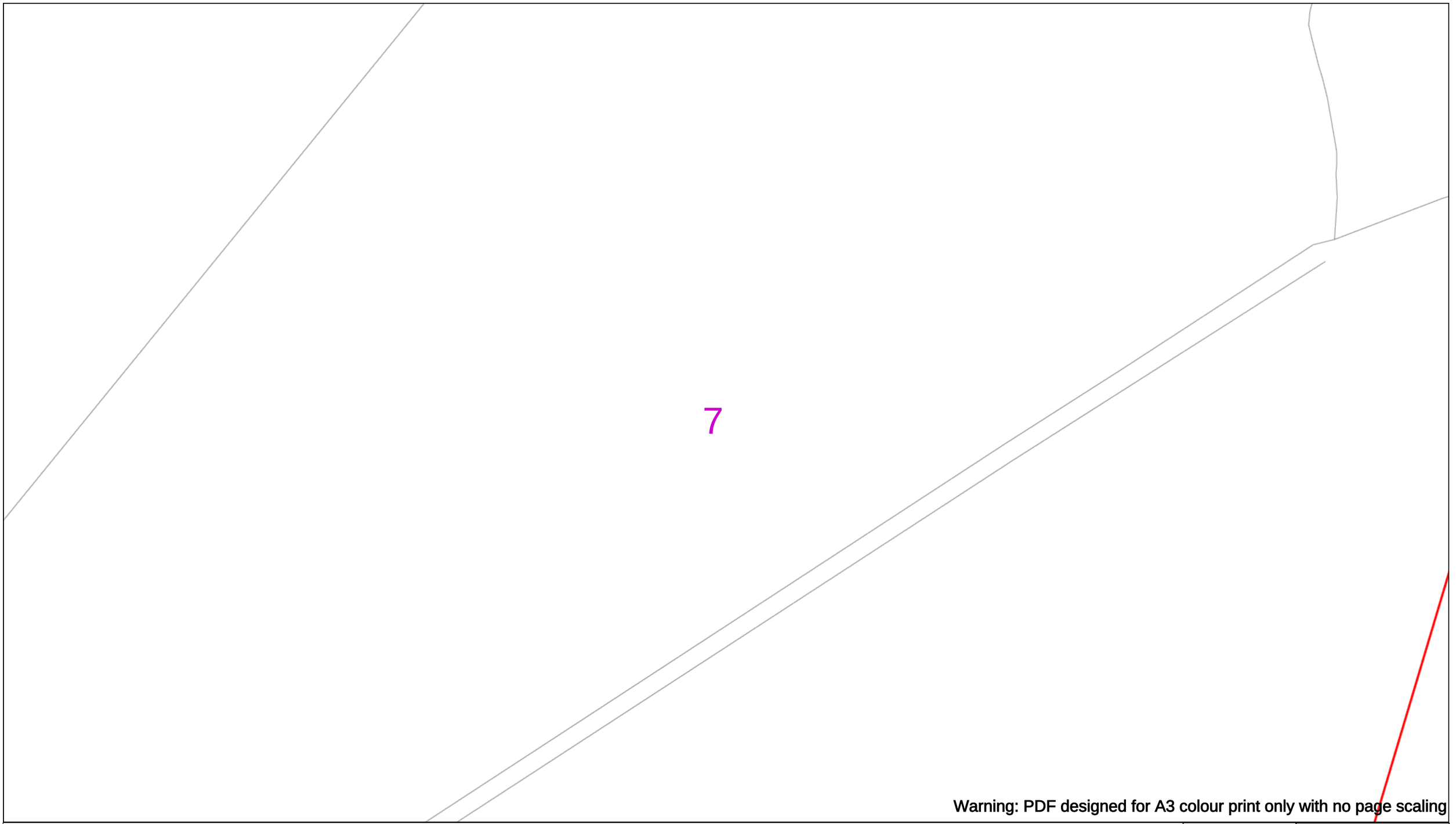

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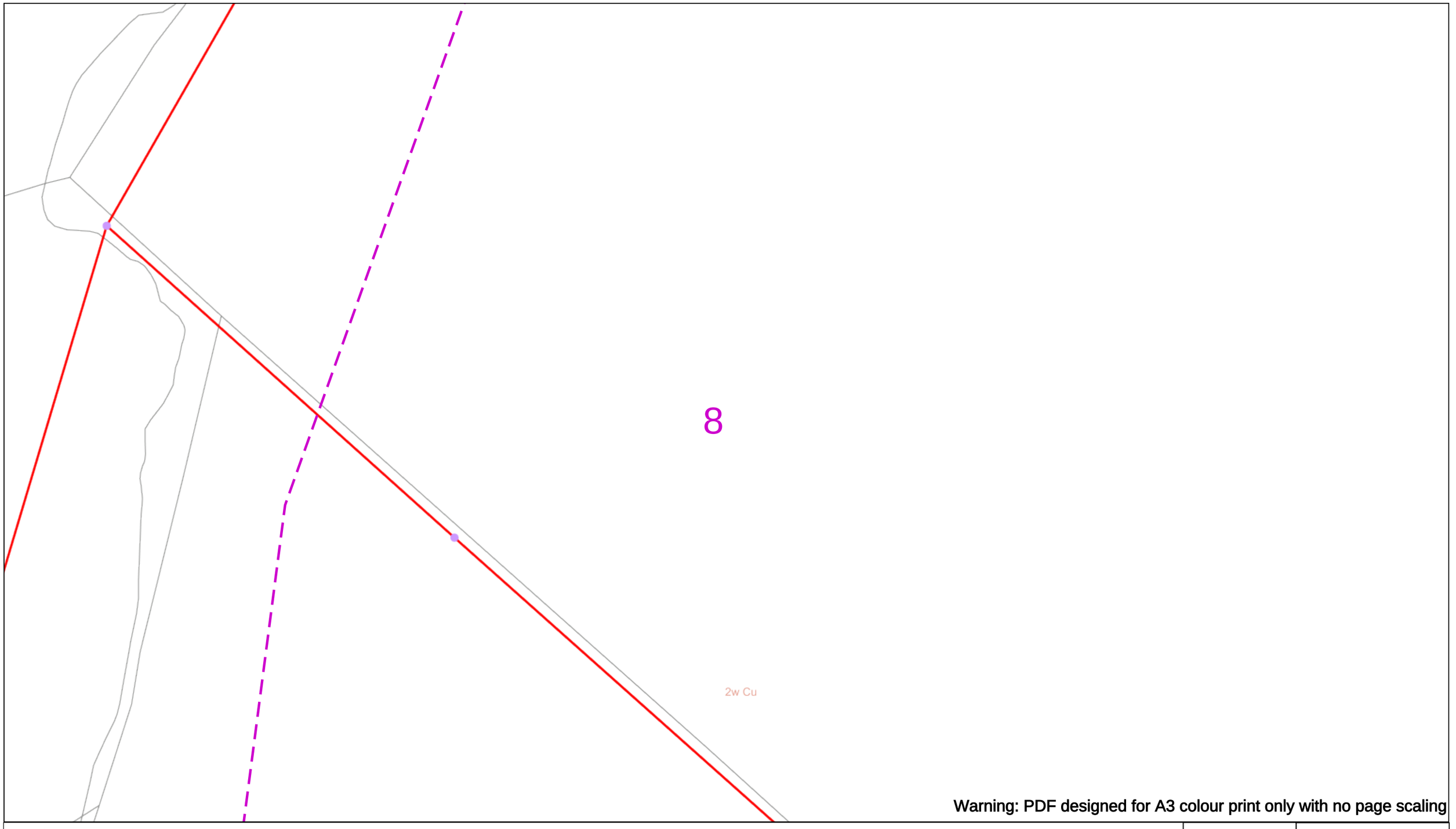

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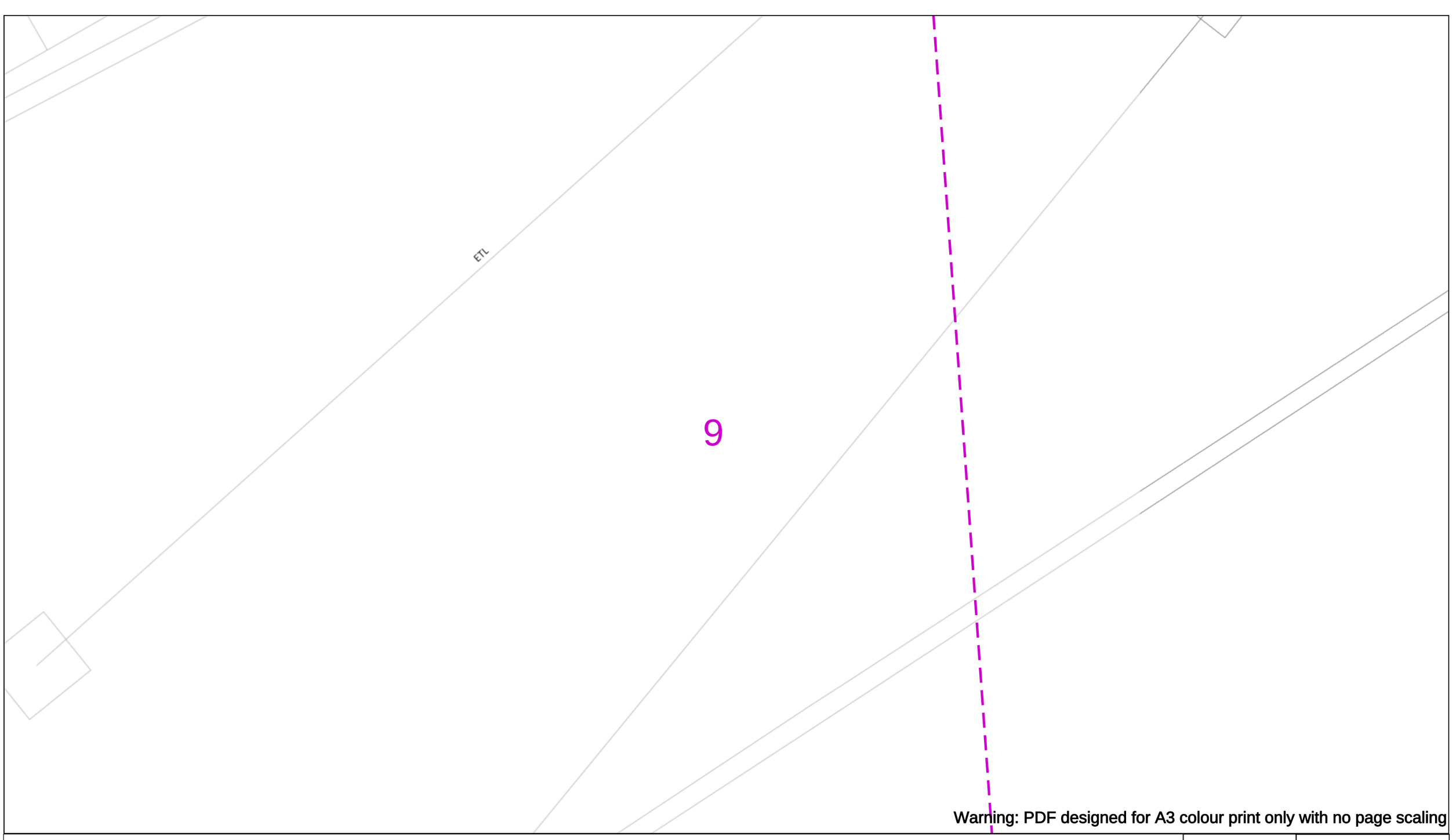

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Transmission	275,000V and 400,000V

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

- Service Cable
- LV Mains
- 2 – 3.3kV
- 6.6kV
- 11kV
- 22kV
- 33kV
- 66kV
- 132kV
- 275kV
- 400kV
- Fibre Optic
- Pilot Cable

Distribution Structures [Electric]

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

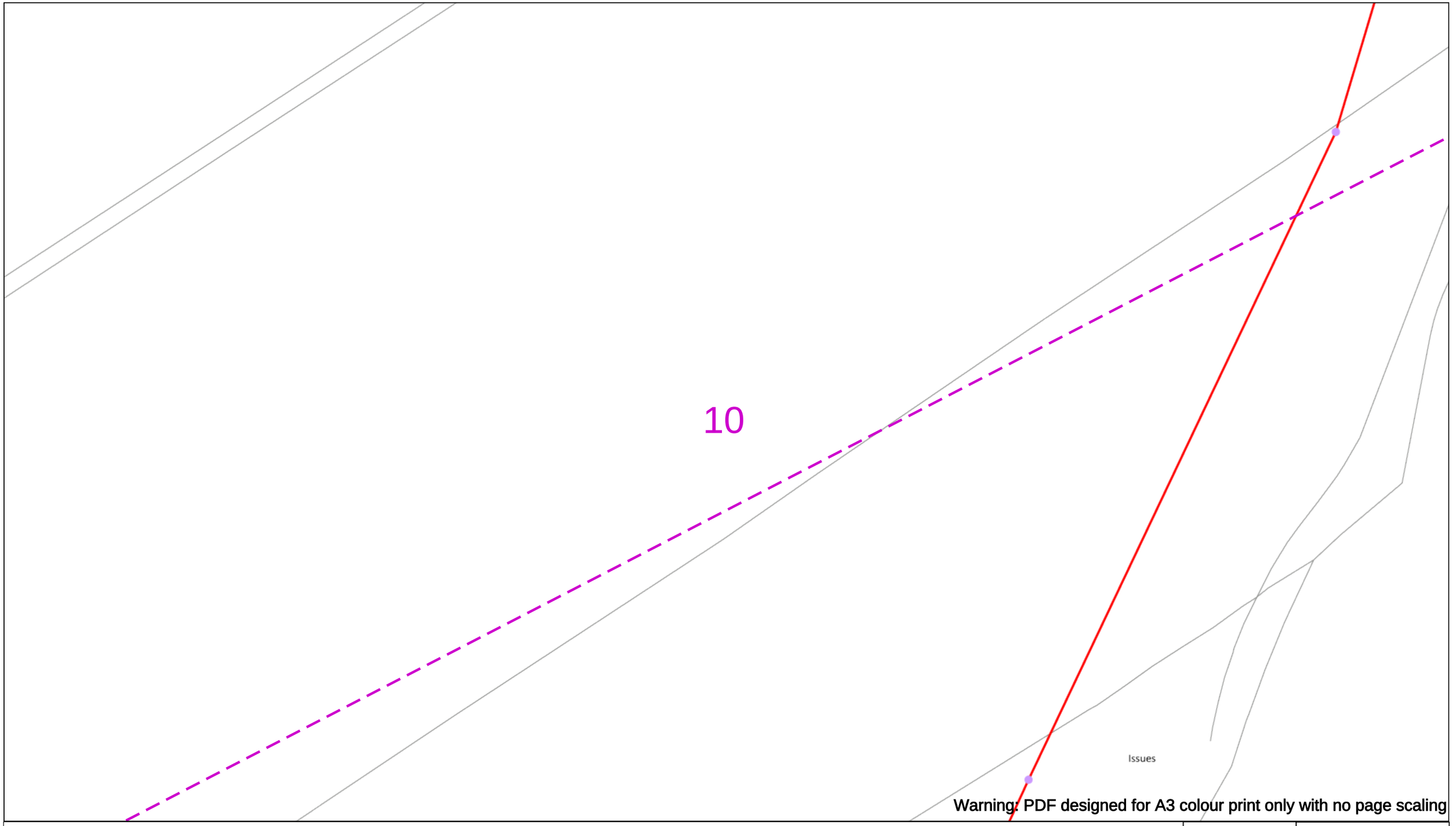
N W E S

Scottish & Southern Electricity Networks

Scottish Hydro Electric Power Distribution plc
Registered Office: Inveralmond House
200 Dunkeld Road Perth PH1 3AQ
Registered in Scotland No. SC213460

If you're unsure & need to seek advice before commencing excavations please contact:
General Enquiries: 0800 048 3516

Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
01256 337 294



Warning: PDF designed for A3 colour print only with no page scaling

0 50m

Dig Sites Area: Line:

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343885 848691
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK

Scale: 1:500 (When plotted at A3)

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be undertaken to determine position and depths of cables. HS (G) 47 Booklet from the Health and Safety Executive – Avoiding Danger from Buried Cables – should be consulted before commencing excavation work.

WHEN WORKING IN THE VICINITY OF OVERHEAD LINES THE HEALTH AND SAFETY GUIDANCE NOTES GS6 SHOULD BE CONSULTED (AVAILABLE FROM THE HSE WEBSITE)

Voltages (V)

LV (Low Voltage) and Services	Up to 1,000V
HV (High Voltage)	Over 1,000V to 11,000V
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Agricultural	1m	1m	1m	1.1m

Legend

- Service Cable
- LV Mains
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- 6.6kV
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- 132kV
- 275kV
- 400kV
- Fibre Optic
- Pilot Cable

Distribution Structures [Electric]

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

N NE E SE S SW W NW

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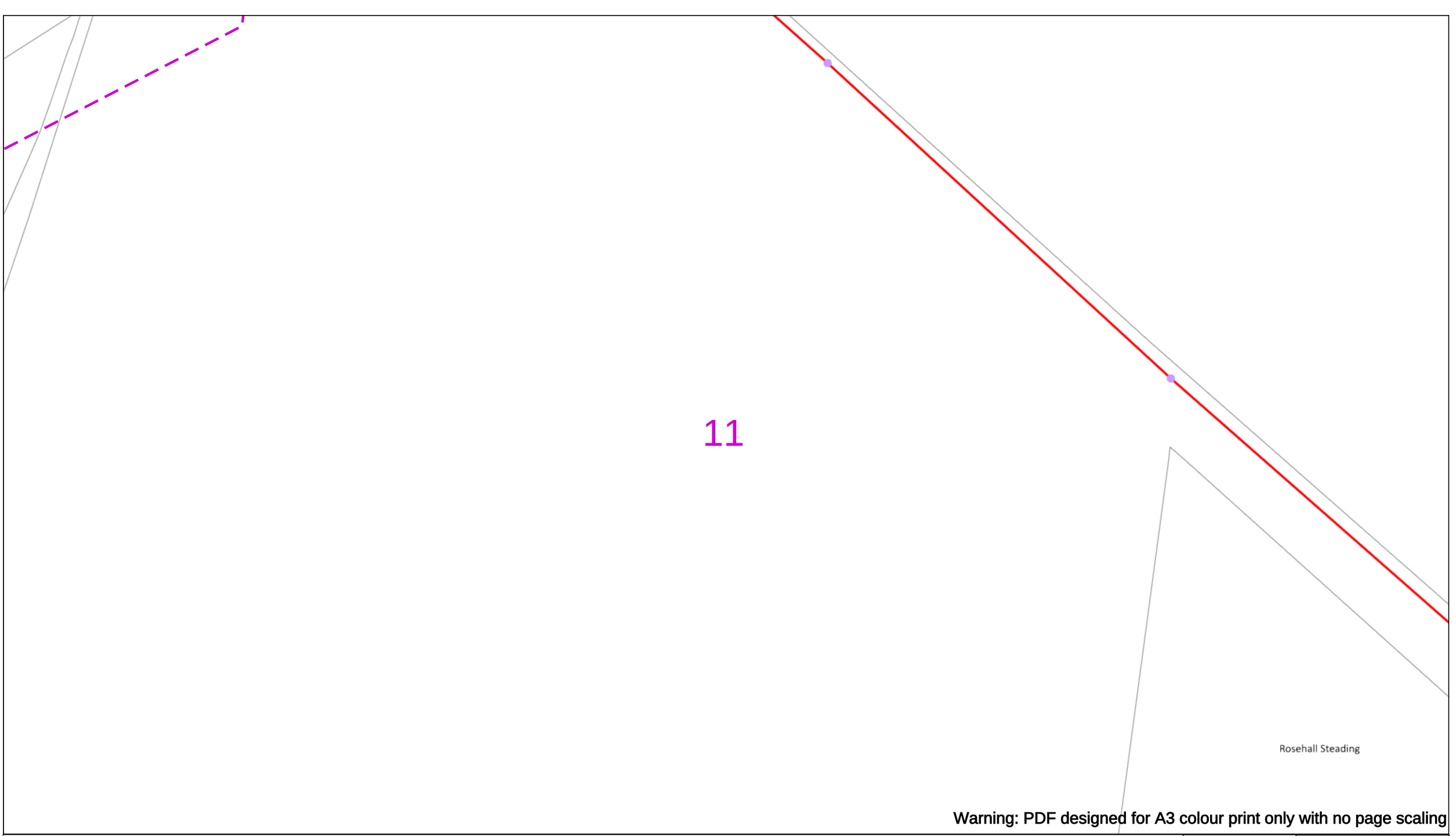

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Dig Sites Area: Line:

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343885 848691
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Mr SCOTT FARQUHAR
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Legend

- Service Cable
- LV Mains
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Distribution Structures [Electric]

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- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

N W E S

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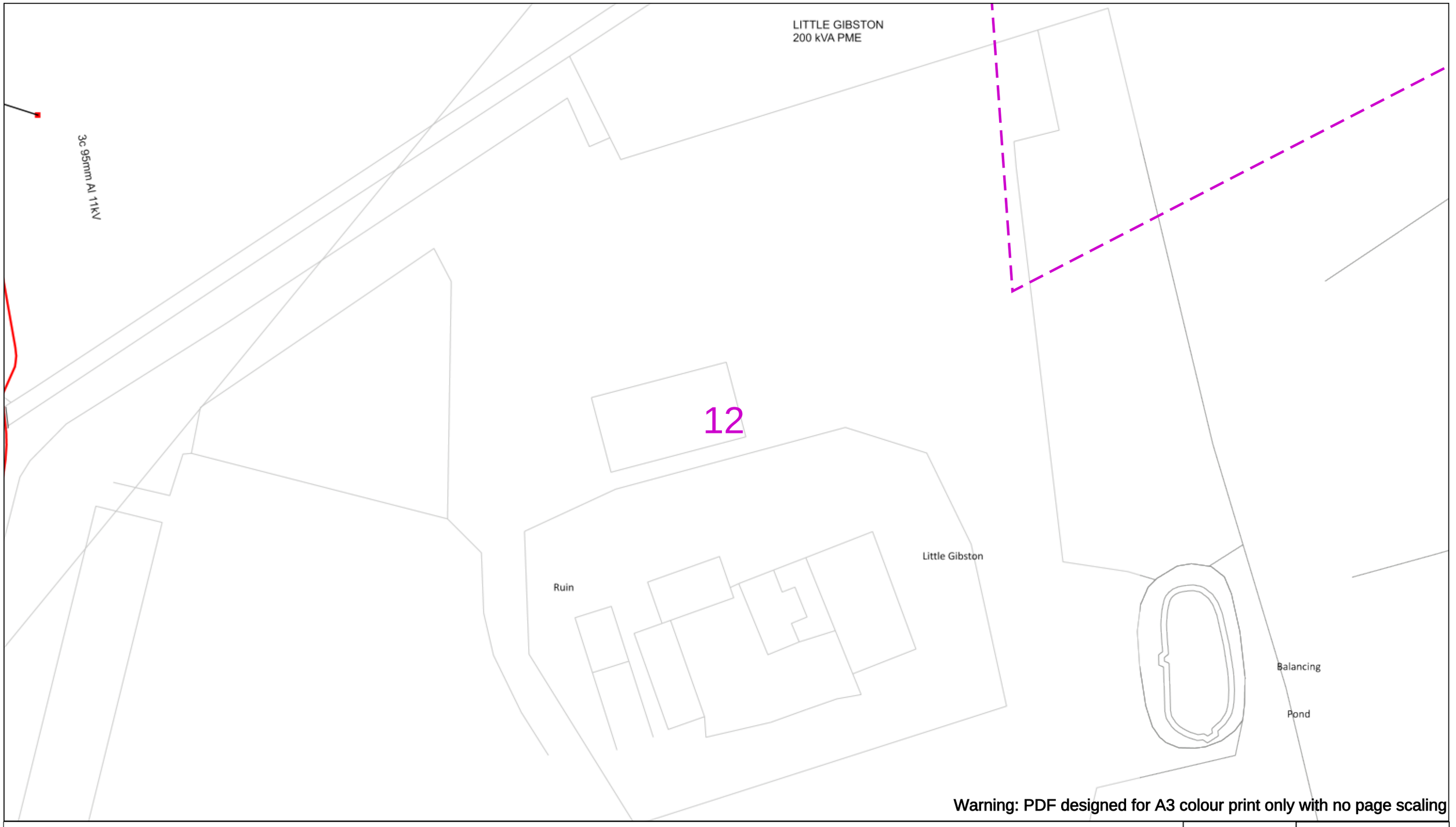

Warning: PDF designed for A3 colour print only with no page scaling

0 ——— 50m Dig Sites Area: Line:

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343885 848691
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK

Scale: 1:500 (When plotted at A3)

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Agricultural	1m	1m	1m	1.1m

Legend

- Service Cable
- LV Mains
- 2 – 3.3kV
- 6.6kV
- 11kV
- 22kV
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- 132kV
- 275kV
- 400kV
- Fibre Optic
- Pilot Cable

Distribution Structures [Electric]

- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

N NE E SE S SW W NW

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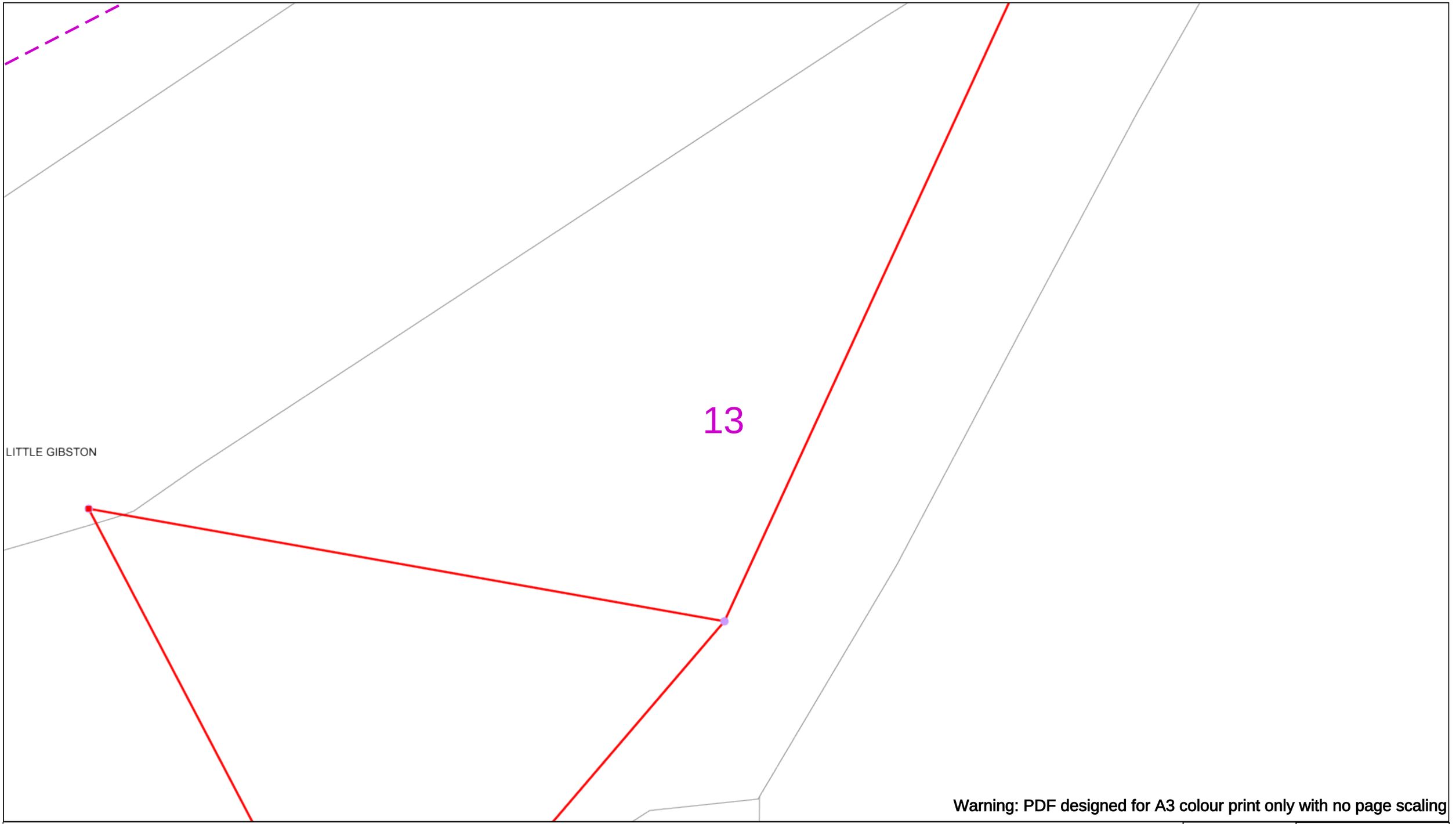

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Date Requested: 16/08/2021
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Legend

- Service Cable
- LV Mains
- 2 – 3.3kV
- 6.6kV
- 11kV
- 22kV
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- 275kV
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- Pilot Cable

Distribution Structures [Electric]

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N S E W

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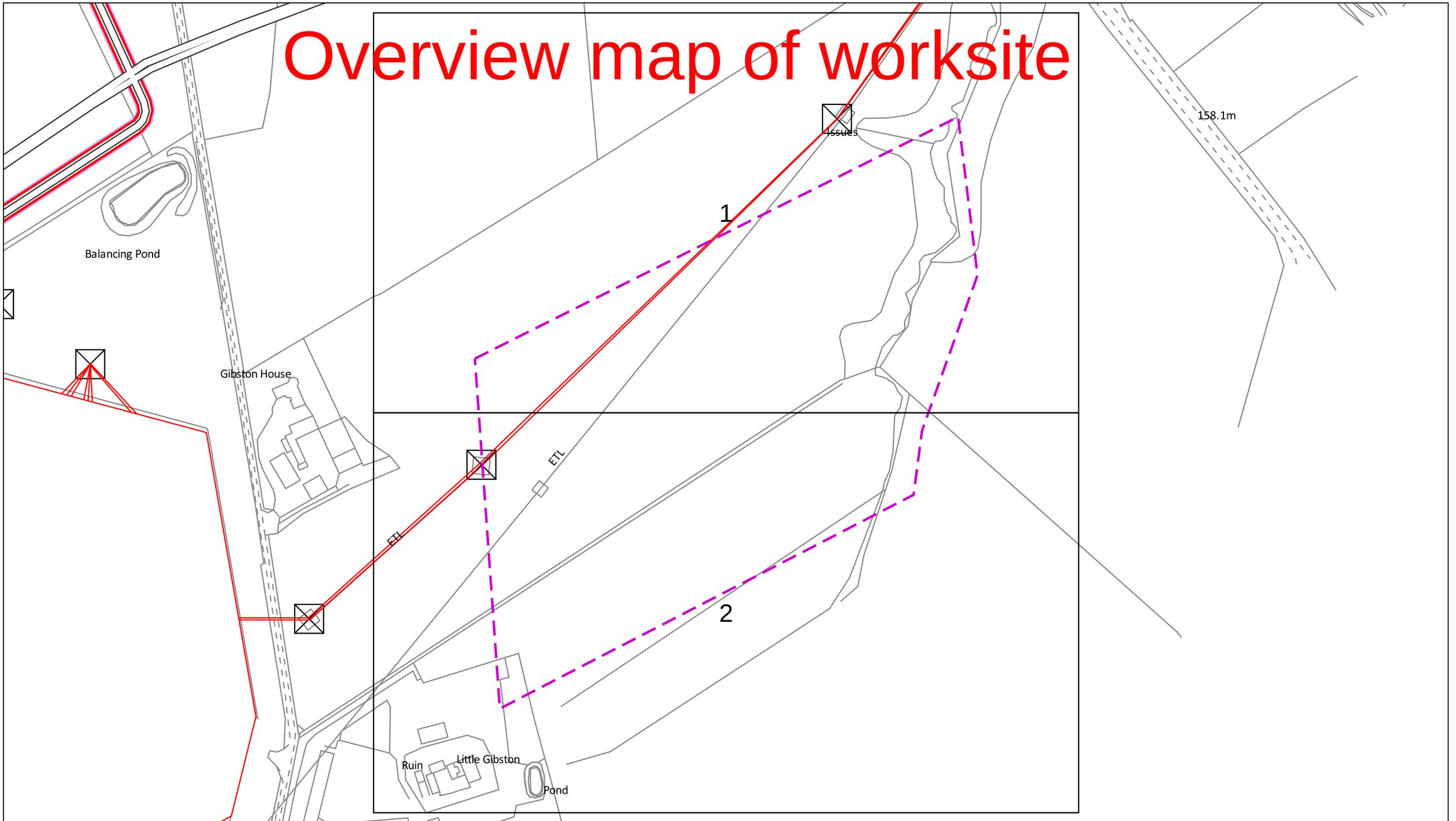
01256 337 294

Overview map of worksite



Dig Sites Area: Line:

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343885 848691

Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK

Scale: 1:2563 (When plotted at A3)

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Voltages (V)

EHV (Extra High Voltage)	22,000V to 132,000V
Transmission	275,000V and 400,000V

NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID

	Services	LV	HV	EHV
Footpath/Unmade	0.45m	0.45m	0.6m	0.8m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.1m

Legend

Overhead Line
- EHV – 400.000 kV
- EHV – 275.000 kV
- EHV – 132.000 kV
- HV – 33.000 kV

Underground Cable
- EHV – 400.000 kV
- EHV – 275.000 kV
- EHV – 132.000 kV
- HV – 33.000 kV
- HV – 11.000 kV
- EHV – 320.000 kV
- Joint Installation EHV Location – Straight

Distribution Structures [Electric]
- Pole, Existing Location
- Pole Structure, Existing Location - Single
- Pole Structure, Existing Location - H
- Duct Route
- Cross Section Route

Transmission Structures [Electric]
- Transmission Structure Node

Scottish & Southern Electricity Networks TRANSMISSION

Scottish and Southern Energy Power Distribution Ltd.
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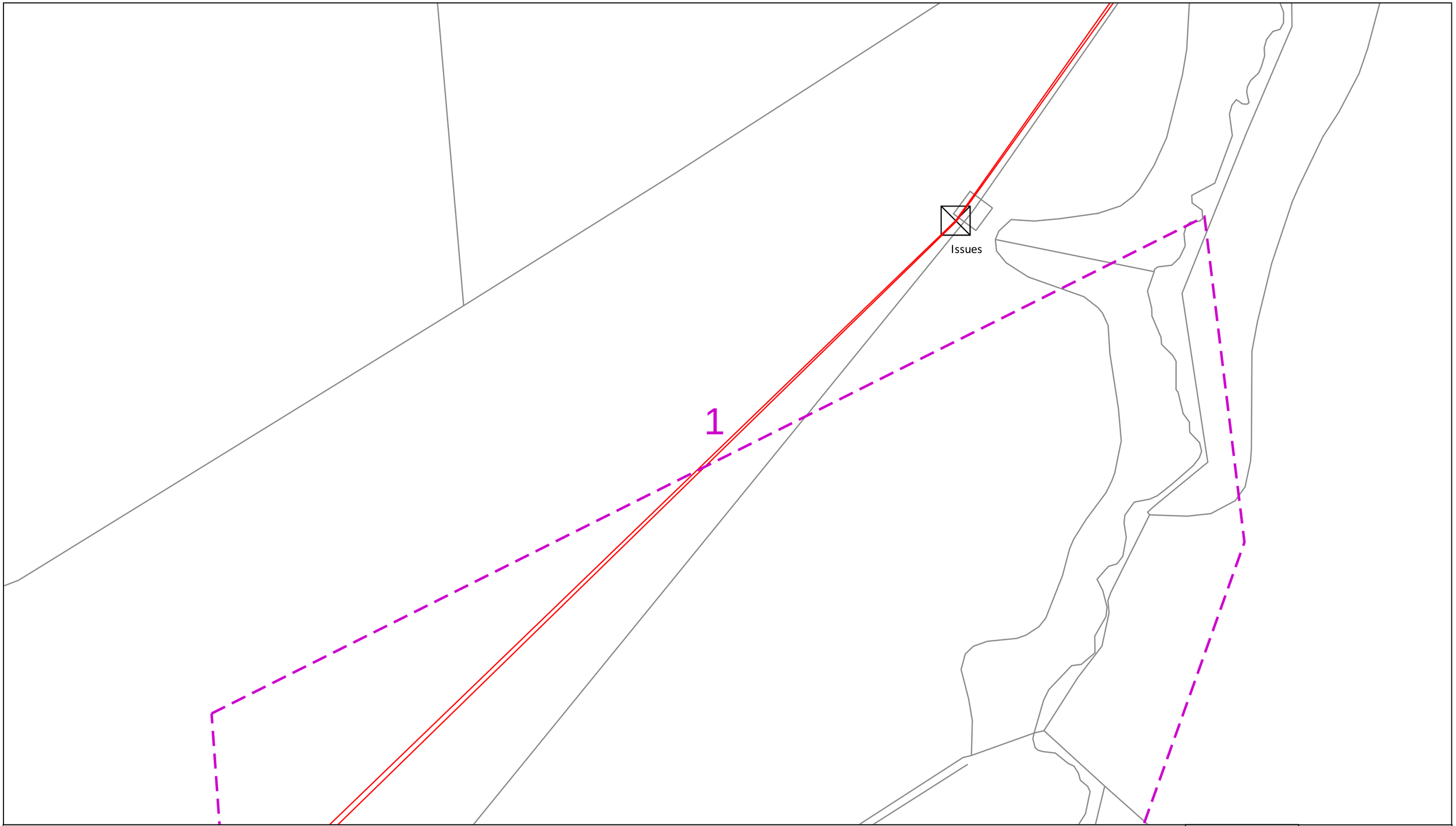

0 100 m

Dig Sites Area: Line:

Date Requested: 16/08/2021
Job Reference: 22998949
Site Location: 343885 848691

Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
BLACKHILLOCK

Scale: 1:1250 (When plotted at A3)

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Legend

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- EHV – 400.000 kV
- EHV – 275.000 kV
- EHV – 132.000 kV
- HV – 33.000 kV

Underground Cable
- EHV – 400.000 kV
- EHV – 275.000 kV
- EHV – 132.000 kV
- HV – 33.000 kV
- HV – 11.000 kV
- EHV – 320.000 kV
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Distribution Structures [Electric]
- Pole, Existing Location
- Pole Structure, Existing Location - Single
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- Duct Route
- Cross Section Route

Transmission Structures [Electric]
- Transmission Structure Node

N W E S

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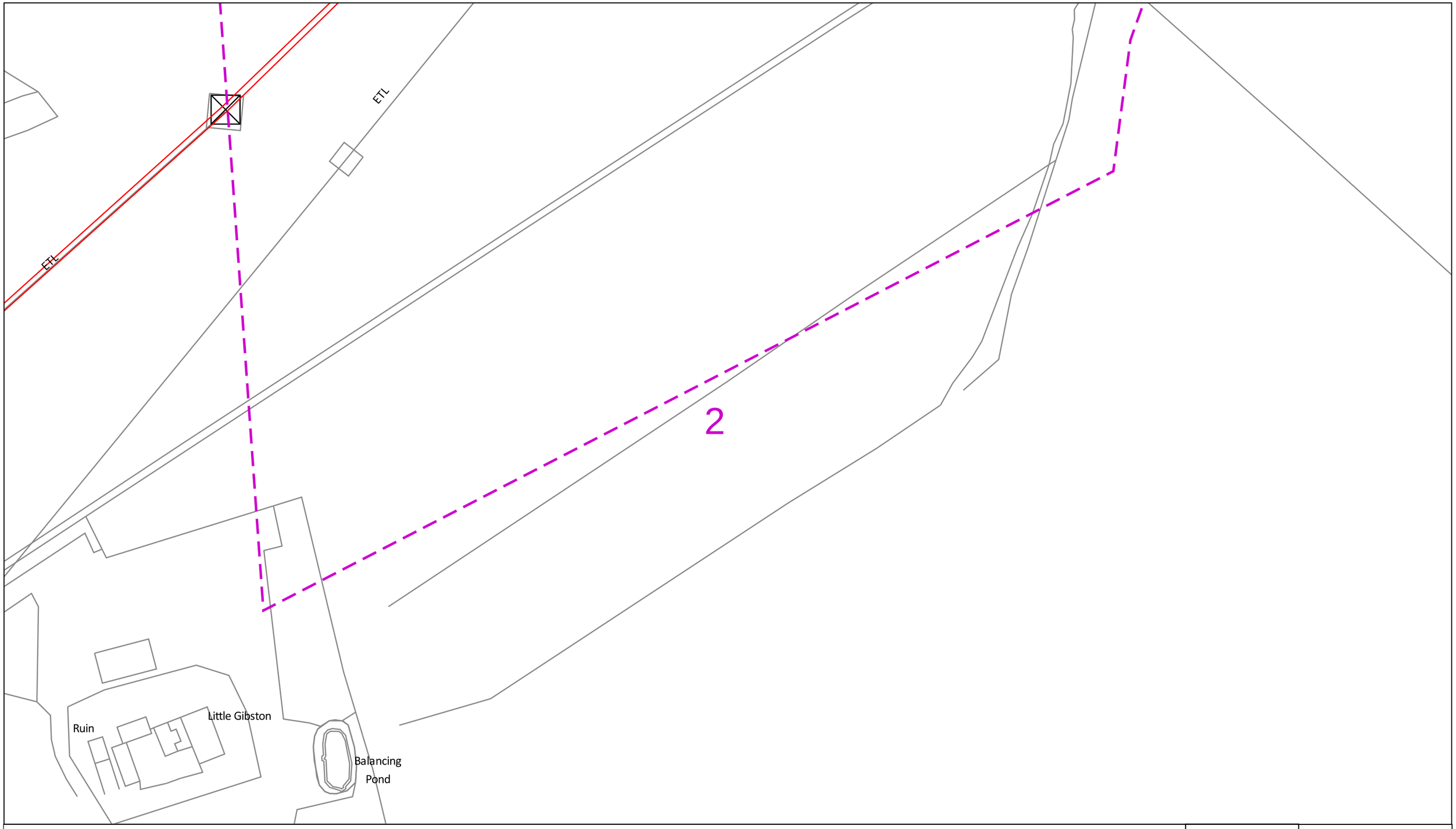

0 1 0 0 m

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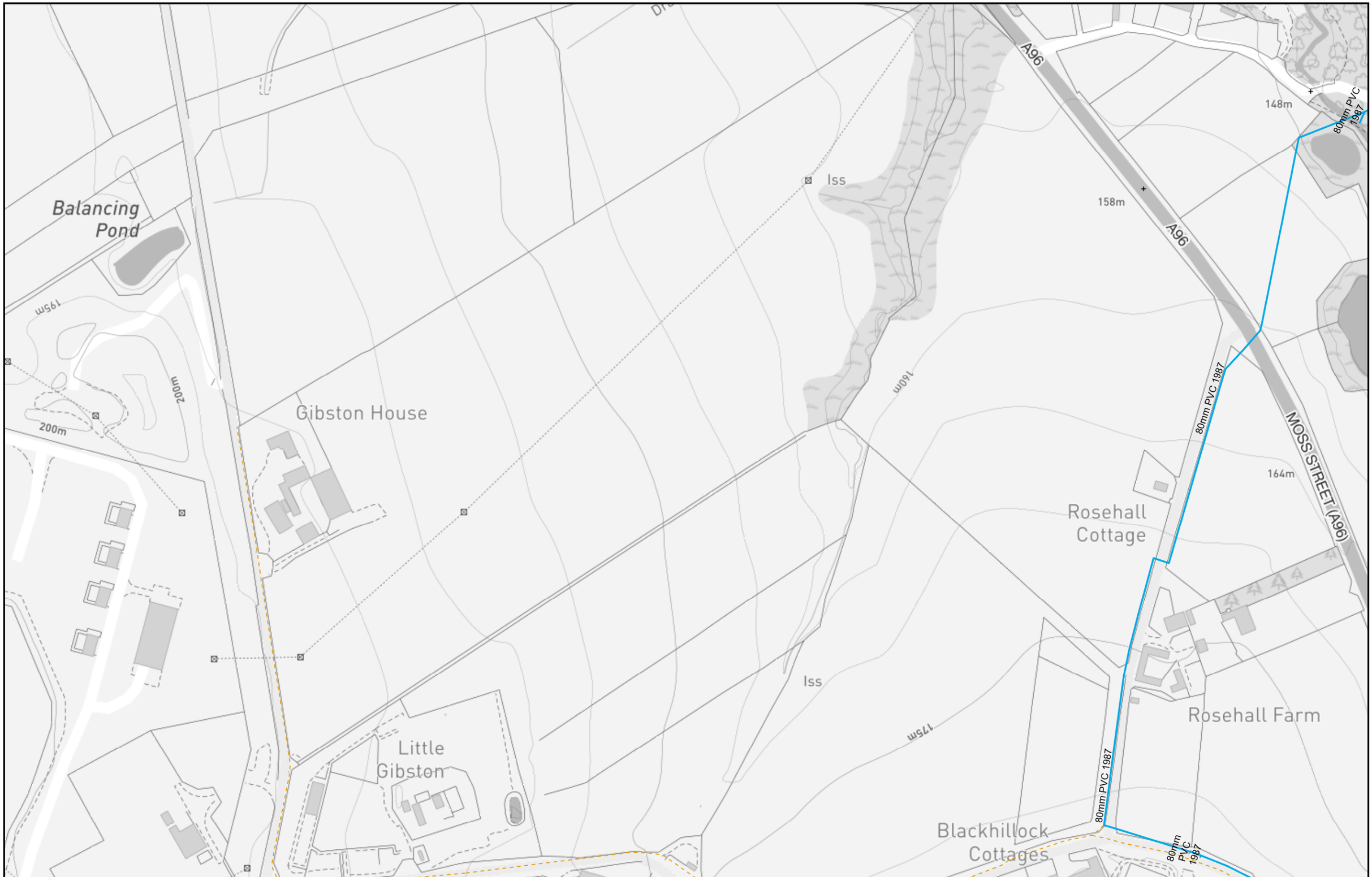

Warning! Damaging a large diameter trunk main (12"/300mm and above) can result in loss of life and major water supply and water quality problems. If you're planning any extension work in the vicinity of any large diameter mains shown on our maps, you must contact Scottish Water to arrange a site visit 08000 778 778 WELL IN ADVANCE OF THE WORKS

Plotted By: phalliday@siteinvest.co.uk

N

The representation of physical assets and the boundaries of areas in which Scottish Water and others have an interest does not necessarily imply their true positions. For further details contact the appropriate District office.

Date: 12/08/2021

Blackhillock - Fresh Water

0 12.5 25 50 Meters

SCALE: 1:2,646

Scottish Water
Trusted to serve Scotland

Castle House,
6 Castle Drive,
Dunfermline,
KY118GG

Tel No: 08000 778 778

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Date: 12/08/2021

Blackhillock - Waste Water

0 12.5 25 50 Meters

SCALE: 1:2,646

Scottish Water
Trusted to serve Scotland

Castle House,
6 Castle Drive,
Dunfermline,
KY118GG

Tel No: 08000 778 778

APPENDIX C

Landmark Envirocheck Report

Envirocheck®
LANDMARK INFORMATION GROUP®

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
283397708_1_1

Customer Reference:
E12479

National Grid Reference:
343900, 848730

Slice:
A

Site Area (Ha):
3.97

Search Buffer (m):
1000

Site Details:

Site at 343890, 848690

Client Details:

Mr N Henderson
David R Murray & Associates
150 St John's Road
Edinburgh
EH12 8AY

Envirocheck®
LANDMARK INFORMATION GROUP®

Contents

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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Scottish Natural Heritage Copyright

Ove Arup Copyright Notice

Stantec Copyright Notice

Radon Potential dataset Copyright Notice

Natural Resources Wales Copyright Notice

Report Version v53.0

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 4			2	2
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 5			2	
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 5		Yes		
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 6				1
Substantiated Pollution Incident Register					
Water Abstractions	pg 6				(*2)
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Drift Deposits	pg 6	1	n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)				n/a	n/a
OS Water Network Lines	pg 6		9	25	51
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 17	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 17		2		1
Potentially Infilled Land (Water)	pg 17			3	4
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
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					
Geological					
BGS 1:625,000 Solid Geology	pg 18	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 18	Yes		Yes	Yes
BGS Recorded Mineral Sites	pg 20		2	6	5
BGS Urban Soil Chemistry					
BGS Urban Soil Chemistry Averages					
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas			n/a	n/a	n/a
Mining Instability			n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain				n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Compressible Ground Stability Hazards				n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 22	Yes		n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 22	Yes		n/a	n/a
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Radon Potential - Radon Protection Measures	pg 22	Yes	n/a	n/a	n/a
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Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 23			3	7
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Gas Pipelines					

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Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 25			3	3
Areas of Adopted Green Belt					
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves					
Marine Nature Reserves					
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	0	1	343850 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	343950 848750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	0	1	343900 848650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	343900 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (SE)	0	1	343896 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (E)	0	1	343950 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (W)	0	1	343800 848700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	13	1	343896 848600
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (W)	26	1	343700 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	36	1	344050 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	55	1	343896 848550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	64	1	344100 848750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	73	1	343900 848950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	82	1	344100 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	85	1	344050 848650
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	103	1	344100 848700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	114	1	344150 848750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	127	1	344100 848650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	129	1	343850 848450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	137	1	344000 848550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	151	1	343950 848500
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	155	1	344100 848600

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	A13NE (E)	166	1	344200 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	168	1	343700 848850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	179	1	344000 848500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	179	1	343800 848400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (S)	179	1	343850 848400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SW (SW)	185	1	343750 848400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	208	1	343900 848400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	210	1	343850 849050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	219	1	343950 849100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (S)	220	1	344000 848450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (NE)	232	1	344050 849100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	234	1	343750 848350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (S)	235	1	343950 848400
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (SE)	248	1	344050 848450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	252	1	343900 848350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	277	1	343950 848350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NE)	282	1	344300 848950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	295	1	343700 848300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	298	1	343900 848300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (NE)	302	1	344300 849000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	314	1	344350 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14NW (E)	320	1	344350 848900

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	A18SW (N)	321	1	343800 849150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	343	1	343700 848250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	360	1	343650 848250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	369	1	343896 849250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	375	1	344300 848500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	377	1	344050 849250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	378	1	344400 848950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	379	1	344400 848700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	393	1	344400 849000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	404	1	344250 849200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SW)	411	1	343550 848250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	414	1	344450 848750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	415	1	344050 848250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	417	1	344400 848600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	418	1	344350 848500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	419	1	344450 848900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (NW)	419	1	343650 849150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	427	1	343600 848200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	430	1	344350 849150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A19SW (NE)	433	1	344300 849200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	445	1	344350 848450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (NE)	454	1	344150 849300

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	A18SW (N)	454	1	343800 849300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	460	1	343700 849250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	462	1	344400 848500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	464	1	344500 848800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	465	1	344500 848850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	467	1	344500 848731
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	469	1	344500 848900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	472	1	343600 848150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	476	1	344000 848150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	476	1	344500 848700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	479	1	343850 848100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	483	1	343896 848100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	487	1	344400 848450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	490	1	344500 848650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SW)	494	1	343550 848150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (S)	499	1	344050 848150
1	**Discharge Consents** Operator: Stephen Murphy Property Type: Not Given Location: New House, Site Adjacent To Tarnash Farm, KEITH Authority: Scottish Environment Protection Agency, North Region Catchment Area: Deveron Reference: D/91/44/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 12th June 1991 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge Environment: Groundwater Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14NW (NE)	289	2	344250 849050

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Mr & Mrs R G Sievwright Property Type: Not Given Location: Rosehall Farmhouse, Blackhillock, KEITH Authority: Scottish Environment Protection Agency, North Region Catchment Area: Deveron Reference: D/96/7/S Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 6th February 1996 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge Environment: Freshwater Stream/River Receiving Water: A Tributary Of The Den Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A14SW (SE)	312	2	344250 848540
3	**Discharge Consents** Operator: Miss E Sandford Property Type: Not Given Location: House At Greens Of Auchorties, Blackhillock, KEITH Authority: Scottish Environment Protection Agency, North Region Catchment Area: Deveron Reference: D/86/26 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 21st October 1986 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge Environment: Freshwater Stream/River Receiving Water: Tributary Den Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A8NW (S)	520	2	343650 848080
4	**Discharge Consents** Operator: J & B Scotland Ltd Property Type: Not Given Location: Sludge Disposal Area, Strathmill Distillery, KEITH Authority: Scottish Environment Protection Agency, North Region Catchment Area: Deveron Reference: D/92/8/L/A Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 4th June 1992 Revocation Date: Not Supplied Discharge Type: Unknown Discharge Environment: Onto Land Receiving Water: Not Supplied **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A23SE (N)	922	2	343900 849800
5	**Local Authority Pollution Prevention and Controls** Name: Morrison Quarries Location: Morrison Quarries, KEITH, Banffshire, AB55 5PA Authority: Scottish Environment Protection Agency, North Region Permit Reference: EPA/MOR/22 Dated: 9th August 1994 Process Type: Local Authority Air Pollution Control Description: PG3/8 Quarry processes including roadstone plants and the size reduction of bricks, tiles and concrete **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A8NW (S)	254	2	343868 848336
5	**Local Authority Pollution Prevention and Controls** Name: Caledonian Quarry Products Location: Blackhillock, KEITH, Banffshire, AB55 5PA Authority: Scottish Environment Protection Agency, North Region Permit Reference: EPA/MOR/22 Dated: 9th August 1994 Process Type: Local Authority Air Pollution Control Description: Part B - General Mineral Process (No Specific Reference) **Status: Not Supplied** Positional Accuracy: Manually positioned to the address or location	A8NW (S)	256	2	343870 848335
	Nearest Surface Water Feature	A13NE (NE)	9	-	343994 848883

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Not Supplied GQA Grade: River Quality C Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1990	A11NE (W)	990	3	342795 848953
	Water Abstractions Operator: North Of Scotland Water Authority Licence Number: 924 Permit Version: Not Supplied Location: Herricks, Grampian Authority: Scottish Government, Agriculture, Environment and Fisheries Department Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: River/Stream Intake Daily Rate (m3): 300 Yearly Rate (m3): 109500 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(E)	1966	4	346000 848900
	Water Abstractions Operator: North Of Scotland Water Authority Licence Number: 915 Permit Version: Not Supplied Location: Birken Burn, Grampian Authority: Scottish Government, Agriculture, Environment and Fisheries Department Abstraction: Public Water Supply Abstraction Type: Not Supplied Source: River/Stream Intake Daily Rate (m3): 300 Yearly Rate (m3): 109500 Details: Not Supplied Authorised Start: Not Supplied Authorised End: Not Supplied Permit Start Date: Not Supplied Permit End Date: Not Supplied Positional Accuracy: Located by supplier to within 100m	(SE)	1982	4	345800 847900
	Groundwater Vulnerability Geological Classification: Non or Weakly Permeable Aquifer - These formations with negligible permeability that are generally regarded as containing insignificant quantities of groundwater Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	A13NE (SE)	0	3	343896 848731
	Groundwater Vulnerability Geological Classification: Minor or Moderately Permeable Aquifer - Fractured or potentially fractured rocks which do not have a high primary permeability or other formations of variable permeability Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	A13SE (SE)	0	3	343899 848726
	Drift Deposits Drift Deposit: Low permeability drift deposits which include till, head, peat, lacustrine deposits, clay-with-flints and brick earths Map Sheet: Map of Scotland Scale: 1:625,000	A13SE (SE)	0	3	343899 848726
	River Flood Data (Scotland) None				
6	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NE (NE)	9	5	343994 848883

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
7	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 415.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13SE (E)	11	5	344007 848708
8	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 313.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NE (NE)	20	5	344049 848872
9	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 497.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13SE (S)	147	5	343968 848517
10	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 214.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NW (N)	188	5	343802 848994
11	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 452.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12SE (W)	190	5	343547 848677
12	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 59.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SE (N)	210	5	344008 849088
13	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 123.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NE (W)	227	5	343538 848759
14	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 78.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SE (N)	245	5	343965 849126
15	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 103.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NW (NW)	285	5	343566 848883

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
16	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 70.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SE (N)	296	5	343963 849177
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 7.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NE (W)	306	5	343526 848875
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NW (NW)	324	5	343575 848946
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NW (NW)	335	5	343572 848959
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 267.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SW (NW)	339	5	343697 849084
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Den Burn Catchment Name: River Deveron Primacy: 1	A18SE (N)	342	5	343899 849224
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SW (NW)	342	5	343678 849071
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A18SW (NW)	342	5	343678 849071
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A13NW (NW)	348	5	343653 849055

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Den Burn Catchment Name: River Deveron Primacy: 1	A18SE (N)	349	5	344010 849228
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 281.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A14NW (NE)	349	5	344361 848979
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 2	A18SE (N)	352	5	343905 849236
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 214.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Den Burn Catchment Name: River Deveron Primacy: 1	A18SE (N)	353	5	344008 849232
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 82.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A8NW (SW)	365	5	343553 848306
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 115.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Den Burn Catchment Name: River Deveron Primacy: 1	A18SW (N)	372	5	343880 849241
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 509.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A14NW (E)	380	5	344441 848776
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 614.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Birken Burn Catchment Name: River Deveron Primacy: 1	A14NW (E)	380	5	344405 848936
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 230.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A19SW (NE)	421	5	344287 849195

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 618.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Den Burn Catchment Name: River Deveron Primacy: 1	A18SW (N)	432	5	343783 849268
35	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 71.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	444	5	343484 848263
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A19SW (NE)	456	5	344382 849153
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 147.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A18SE (NE)	461	5	344203 849289
38	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 385.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A8NW (S)	490	5	343790 848090
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 303.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A8NW (S)	491	5	343790 848088
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	509	5	343416 848241
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	509	5	343415 848242
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.7 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	524	5	343400 848236

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 218.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12SE (W)	525	5	343218 848689
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 695.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 2	A19SW (NE)	537	5	344472 849168
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A14SW (SE)	541	5	344475 848474
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	547	5	343376 848228
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 244.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A14SW (E)	552	5	344503 848502
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 29.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12SW (W)	554	5	343190 848700
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 337.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A19SW (NE)	556	5	344515 849136
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 291.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A19SW (NE)	568	5	344230 849392
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 498.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7NE (SW)	569	5	343361 848212

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A19SW (NE)	570	5	344252 849386
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 279.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12SW (W)	583	5	343161 848709
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A19NW (NE)	678	5	344360 849454
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 322.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A19NW (NE)	687	5	344341 849473
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 174.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A9NW (SE)	691	5	344545 848299
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 152.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7SE (SW)	709	5	343487 847941
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7SE (SW)	709	5	343487 847941
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 13.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7SE (SW)	745	5	343479 847905
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 148.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7SE (SW)	758	5	343477 847891

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.3 Watercourse Level: Underground Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A18NE (N)	760	5	344153 849619
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A18NE (N)	774	5	344143 849636
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 97.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A14NE (E)	786	5	344795 849050
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 133.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A14NE (E)	786	5	344795 849050
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 281.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Birken Burn Catchment Name: River Deveron Primacy: 1	A14SE (E)	816	5	344848 848723
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A9NE (SE)	816	5	344565 848131
67	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 21.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 2	A9NE (SE)	816	5	344565 848131
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 180.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A9NW (SE)	825	5	344544 848096
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NW (W)	830	5	342936 848857

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 157.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A7SE (SW)	830	5	343367 847868
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NW (W)	836	5	342931 848862
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NW (W)	837	5	342957 848946
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 19.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A14NE (E)	866	5	344879 849043
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 45.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A12NW (W)	868	5	342905 848887
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 56.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A14NE (E)	883	5	344897 849042
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 229.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A11NE (W)	906	5	342875 848921
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A11NE (W)	906	5	342875 848921
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 75.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A23SE (N)	918	5	344076 849795

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 264.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Drum Catchment Name: River Deveron Primacy: 1	A23SE (N)	918	5	344150 849782
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 12.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A11NE (W)	925	5	342833 848828
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Herricks Burn Catchment Name: River Deveron Primacy: 1	A15NW (E)	926	5	344946 849013
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 131.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A17NE (NW)	927	5	343306 849524
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 697.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A15NW (E)	928	5	344946 849022
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A11NE (W)	928	5	342828 848817
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 410.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A19NE (NE)	934	5	344637 849572
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 188.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Burn of Tarnash Catchment Name: River Deveron Primacy: 1	A9SE (SE)	948	5	344581 847966
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 257.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A6NE (W)	955	5	342843 848337

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 253.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A17SW (NW)	965	5	343098 849378
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 146.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A17NE (NW)	988	5	343389 849679
90	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 255.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Deveron Primacy: 1	A17NE (NW)	988	5	343430 849705

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Moray Council - Has supplied landfill data		0	6	343896 848731
91	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1981	A13SE (S)	177	-	343948 848467
92	**Potentially Infilled Land (Non-Water)** Bearing Ref: S Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1981	A13SE (S)	199	-	343928 848429
93	**Potentially Infilled Land (Non-Water)** Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1981	A9SW (SE)	940	-	344512 847925
94	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1905	A14NW (E)	334	-	344362 848919
95	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A13NW (NW)	355	-	343635 849047
96	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A12SE (SW)	368	-	343442 848445
97	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A7NE (SW)	594	-	343514 848056
98	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A7NE (SW)	630	-	343439 848060
99	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A7SE (SW)	649	-	343431 848042
100	**Potentially Infilled Land (Water)** Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A7SE (SW)	768	-	343428 847905

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Appin Group	A13SW (SW)	0	1	343809 848575
	BGS 1:625,000 Solid Geology Description: Appin Group	A13NE (SE)	0	1	343896 848731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NW (NW)	0	1	343887 848740
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A13NE (SE)	0	1	343896 848731
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A18SE (N)	284	1	343927 849163
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SE (N)	357	1	343946 849242
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: >180mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 45 - 60 mg/kg	A19SW (NE)	431	1	344259 849227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (NW)	434	1	343647 849168
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 60 - 90 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A18SW (N)	523	1	343745 849351
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: <15 mg/kg	A18NW (N)	624	1	343749 849462
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: >180mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 45 - 60 mg/kg	A18NE (N)	630	1	344066 849504
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: >180mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 45 - 60 mg/kg	A18NE (N)	721	1	344191 849568
	BGS Estimated Soil Chemistry Source: British Geological Survey, National Geoscience Information Service Soil Sample Type: Sediment Arsenic Concentration: <15 mg/kg Cadmium Concentration: no data Chromium Concentration: 40 - 60 mg/kg Lead Concentration: <100 mg/kg Nickel Concentration: 15 - 30 mg/kg	A19NW (NE)	820	1	344342 849619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
101	**BGS Recorded Mineral Sites** Site Name: Blackhillock Lime Works Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135554 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Dufftown Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	160	1	343930 848476
101	**BGS Recorded Mineral Sites** Site Name: Blackhillock Lime Works Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135553 Type: Underground **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Dufftown Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A13SE (S)	184	1	343910 848435
102	**BGS Recorded Mineral Sites** Site Name: Blackhillock Lime Works Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135552 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Dufftown Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	345	1	343897 848250
103	**BGS Recorded Mineral Sites** Site Name: Rosehall Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135549 Type: Opencast **Status: Ceased** Operator: Banffshire County Council, Keith District Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	444	1	344247 848345
104	**BGS Recorded Mineral Sites** Site Name: Dunnyduff Wood Location: Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135548 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	452	1	344283 849236
105	**BGS Recorded Mineral Sites** Site Name: Blackhillock Wood Gravel Pits Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135551 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	454	1	344168 848281

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
105	**BGS Recorded Mineral Sites** Site Name: Blackhillock Wood Gravel Pits Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135550 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Mortlach Graphitic Schist Formation Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A8NE (SE)	471	1	344145 848246
106	**BGS Recorded Mineral Sites** Site Name: Blackhillock Quarry Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 12760 Type: Opencast **Status: Active** Operator: Limehillock Quarries Ltd. Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Dufftown Limestone Member Commodity: Limestone Positional Accuracy: Located by supplier to within 10m	A8NE (S)	469	1	343995 848155
107	**BGS Recorded Mineral Sites** Site Name: Birkenburn Quarry Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 12761 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A14SE (E)	548	1	344565 848665
108	**BGS Recorded Mineral Sites** Site Name: Cairdshill Quarry Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 2937 Type: Opencast **Status: Active** Operator: Tarmac (A Crh Company) Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A9NW (SE)	601	1	344275 848175
109	**BGS Recorded Mineral Sites** Site Name: Nethertown Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 137172 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	892	1	344278 847829
110	**BGS Recorded Mineral Sites** Site Name: Backmuir Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 135555 Type: Opencast **Status: Ceased** Operator: Banffshire County Council, Keith District Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SE (SE)	916	1	344603 848028

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
111	**BGS Recorded Mineral Sites** Site Name: Nethertown Location: Blackhillock, Keith, Banffshire Source: British Geological Survey, National Geoscience Information Service Reference: 137173 Type: Opencast **Status: Ceased** Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Corryhabbie Quartzite Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	975	1	344516 847886
	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	A13NE (SE)	0	1	343896 848731
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (SE)	0	1	343958 848697
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Radon Potential - Radon Affected Areas Affected Area: The property is in an Intermediate probability radon area (1 to 3% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	343902 848731
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731
	Radon Potential - Radon Protection Measures Protection Measure: Basic radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (E)	0	1	343902 848731
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (SE)	0	1	343896 848731

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
112	**Contemporary Trade Directory Entries** Name: A & L Robson Location: Blackhillock, Keith, Banffshire, AB55 5PA Classification: Road Haulage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A8NW (S)	254	-	343868 848336
112	**Contemporary Trade Directory Entries** Name: Caledonian Quarry Products Ltd Location: Blackhillock, Keith, Banffshire, AB55 5PA Classification: Machinery - Industrial & Commercial **Status: Active** Positional Accuracy: Manually positioned to the address or location	A8NW (S)	254	-	343868 848336
113	**Contemporary Trade Directory Entries** Name: Robert Maver Offshore Services Ltd Location: 79, Den Crescent, Keith, Banffshire, AB55 5LW Classification: Oil & Gas Exploration Supplies & Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A23SW (N)	978	-	343635 849798
114	**Points of Interest - Commercial Services** Name: A & L Robson Location: Blackhillock, Keith, AB55 5PA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	254	7	343868 848336
114	**Points of Interest - Commercial Services** Name: A & L Robson Location: Blackhillock, Keith, AB55 5PA Category: Transport, Storage and Delivery Class Code: Distribution and Haulage Positional Accuracy: Positioned to address or location	A8NW (S)	254	7	343868 848336
115	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A19SW (NE)	459	7	344282 849245
115	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A19SW (NE)	464	7	344298 849240
116	**Points of Interest - Manufacturing and Production** Name: Blackhillock Quarry Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	491	7	344016 848141
116	**Points of Interest - Manufacturing and Production** Name: Blackhillock Quarry Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to address or location	A8NE (S)	519	7	344054 848130
116	**Points of Interest - Manufacturing and Production** Name: Blackhillock Quarry (Limestone) Location: AB55 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	A8NE (S)	535	7	344065 848117
117	**Points of Interest - Manufacturing and Production** Name: Cairdshill Quarry (Sandstone) Location: AB55 Category: Extractive Industries Class Code: Stone Quarrying and Preparation Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	524	7	344268 848262
118	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	537	7	344555 848669

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
118	**Points of Interest - Manufacturing and Production** Name: Quarry (Disused) Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A14SW (E)	539	7	344557 848668
119	**Points of Interest - Manufacturing and Production** Name: Cairdshill Quarry Location: AB55 Category: Extractive Industries Class Code: Unspecified Quarries Or Mines Positional Accuracy: Positioned to an adjacent address or location	A9NW (SE)	674	7	344290 848098
120	**Points of Interest - Manufacturing and Production** Name: Wind Turbine Location: AB55 Category: Industrial Features Class Code: Energy Production Positional Accuracy: Positioned to an adjacent address or location	A10NW (E)	976	7	344907 848364
121	**Points of Interest - Recreational and Environmental** Name: Picnic Area Location: Nr Edindiach Road, AB55 Category: Recreational Class Code: Picnic Areas Positional Accuracy: Positioned to an adjacent address or location	A18SW (N)	340	7	343853 849199

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
122	**Ancient Woodland** Name: Not Supplied Reference: 8853 Area(m²): 40708.64 Type: Long-Established Woodland of Plantation Origin	A18SE (N)	346	8	343958 849228
123	**Ancient Woodland** Name: Not Supplied Reference: 8850 Area(m²): 296050.18 Type: Ancient and Semi-Natural Woodland	A19SW (NE)	388	8	344254 849179
124	**Ancient Woodland** Name: Not Supplied Reference: 8856 Area(m²): 22345.79 Type: Long-Established Semi-Natural Woodland	A19SW (NE)	440	8	344387 849120
125	**Ancient Woodland** Name: Not Supplied Reference: 8858 Area(m²): 41759.58 Type: Long-Established Woodland of Plantation Origin	A14SW (SE)	560	8	344498 848470
126	**Ancient Woodland** Name: Not Supplied Reference: 8857 Area(m²): 1305496.9 Type: Long-Established Woodland of Plantation Origin	A12SW (W)	574	8	343179 848547
127	**Ancient Woodland** Name: Not Supplied Reference: 8851 Area(m²): 27076.22 Type: Ancient Woodland with a short-break in continuity	A18NE (N)	739	8	344131 849603

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
Aberdeenshire Council	December 2019	Annual Rolling Update
Scottish Environment Protection Agency - Head Office	June 2020	Annually
Moray Council	October 2017	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - North Region	April 2002	Annually
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - North Region	March 2013	
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	
Scottish Environment Protection Agency - North Region	March 2002	
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - North Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - North Region	June 2001	Variable
Nearest Surface Water Feature		
Ordnance Survey	June 2021	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - North Region	March 2013	
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - North Region	March 2013	
Registered Radioactive Substances		
Scottish Environment Protection Agency - North Region	February 1998	Annually
Scottish Environment Protection Agency - Head Office	January 1998	Annually
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - North Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	Annually
Water Industry Act Referrals		
Scottish Environment Protection Agency - North Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - North Region	December 1995	Not Applicable
Scottish Environment Protection Agency - Head Office	December 1995	
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - North Region	December 1995	Not Applicable
OS Water Network Lines		
Ordnance Survey	July 2021	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	Annually

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	November 2002	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	March 2002	Not Applicable
Scottish Environment Protection Agency - North Region	March 2002	Not Applicable
Local Authority Landfill Coverage		
Aberdeenshire Council	February 2003	Not Applicable
Moray Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites		
Aberdeenshire Council	October 2018	
Moray Council	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		
Scottish Environment Protection Agency - Head Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Aberdeen Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Elgin Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Fort William Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Fraserburgh Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Orkney Islands Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Shetland Islands Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Thurso Office	March 2006	Not Applicable
Scottish Environment Protection Agency - North Region - Western Isles Office	March 2006	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	April 2018	
Scottish Environment Protection Agency - North Region	April 2018	
Scottish Environment Protection Agency - North Region - Aberdeen Office	April 2018	
Scottish Environment Protection Agency - North Region - Elgin Office	April 2018	
Scottish Environment Protection Agency - North Region - Fort William Office	April 2018	
Scottish Environment Protection Agency - North Region - Fraserburgh Office	April 2018	
Scottish Environment Protection Agency - North Region - Orkney Islands Office	April 2018	
Scottish Environment Protection Agency - North Region - Shetland Islands Office	April 2018	
Scottish Environment Protection Agency - North Region - Thurso Office	April 2018	
Scottish Environment Protection Agency - North Region - Western Isles Office	April 2018	
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	June 2015	
Scottish Environment Protection Agency - North Region	June 2015	
Scottish Environment Protection Agency - North Region - Aberdeen Office	June 2015	
Scottish Environment Protection Agency - North Region - Elgin Office	June 2015	
Scottish Environment Protection Agency - North Region - Fort William Office	June 2015	
Scottish Environment Protection Agency - North Region - Fraserburgh Office	June 2015	
Scottish Environment Protection Agency - North Region - Orkney Islands Office	June 2015	
Scottish Environment Protection Agency - North Region - Shetland Islands Office	June 2015	
Scottish Environment Protection Agency - North Region - Thurso Office	June 2015	
Scottish Environment Protection Agency - North Region - Western Isles Office	June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Annually
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements		
Aberdeenshire Council - Aberdeenshire Council - Banff Area	April 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Kincardine and Mearns Area	December 2015	Variable
Aberdeenshire Council - Aberdeenshire Council - Buchan Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Formartine Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Garioch Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Marr Area	February 2016	Variable
Moray Council - Planning Department	February 2016	Variable
Planning Hazardous Substance Consents		
Aberdeenshire Council - Aberdeenshire Council - Banff Area	April 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Kincardine and Mearns Area	December 2015	Variable
Aberdeenshire Council - Aberdeenshire Council - Buchan Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Formartine Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Garioch Area	February 2016	Variable
Aberdeenshire Council - Aberdeenshire Council - Marr Area	February 2016	Variable
Moray Council - Planning Department	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 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 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	June 2021	Quarterly
Gas Pipelines National Grid	May 2021	Annually
Points of Interest - Commercial Services PointX	June 2021	Quarterly
Points of Interest - Education and Health PointX	June 2021	Quarterly
Points of Interest - Manufacturing and Production PointX	June 2021	Quarterly
Points of Interest - Public Infrastructure PointX	June 2021	Quarterly
Points of Interest - Recreational and Environmental PointX	June 2021	Quarterly

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
NatureScot	September 2017	Bi-Annually
Areas of Adopted Green Belt		
Aberdeenshire Council	October 2020	Quarterly
Moray Council	October 2020	Quarterly
Areas of Unadopted Green Belt		
Aberdeenshire Council	October 2020	Quarterly
Moray Council	October 2020	Quarterly
Environmentally Sensitive Areas		
Scottish Government	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
Aberdeenshire Council	February 2018	Bi-Annually
Moray Council	February 2018	Bi-Annually
Marine Nature Reserves		
NatureScot	July 2019	Bi-Annually
National Nature Reserves		
NatureScot	June 2019	Bi-Annually
National Parks		
Scottish Government	February 2018	Bi-Annually
National Scenic Areas		
Scottish Government	February 2018	Bi-Annually
Nitrate Vulnerable Zones		
Scottish Government	July 2019	Annually
Ramsar Sites		
NatureScot	April 2019	Bi-Annually
Sites of Special Scientific Interest		
NatureScot	March 2019	Bi-Annually
Special Areas of Conservation		
NatureScot	August 2020	Bi-Annually
Special Protection Areas		
NatureScot	February 2021	Bi-Annually

Data Suppliers

A selection of organisations who provide data within this report

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

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: www.bgs.ac.uk
2	**Scottish Environment Protection Agency - North Region** Graesser House, Fodderty Way, Dingwall Business Park, Dingwall, Highland, IV15 9XB	Telephone: 01349 862021 Fax: 01349 863987
3	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
4	**Scottish Government - Agriculture, Environment and Fisheries Department** Pentland House, 47 Robb's Loan, EDINBURGH, Midlothian, EH14 1TY	Telephone: 0131 2446255 Fax: 0131 2446256
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**Moray Council** District Headquarters, High Street, Elgin, Moray, IV30 1BX	Telephone: 01343 543451 Fax: 01343 540183 Website: www.moray.gov.uk
7	**PointX** 7 Abbey Court, Eagle Way, Sowton, Exeter, Devon, EX2 7HY	Website: www.pointx.co.uk
8	**NatureScot** Great Glen House, Leachkin Road, Inverness, IV3 8NW	Telephone: 01463 725000 Email: enquiries@nature.scot Website: www.nature.scot
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

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

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General

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

Agency and Hydrological

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

Hazardous Substances

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

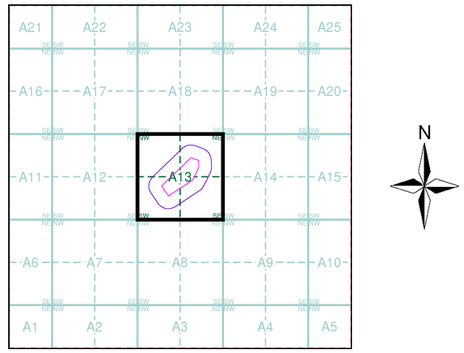
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A13



Order Details

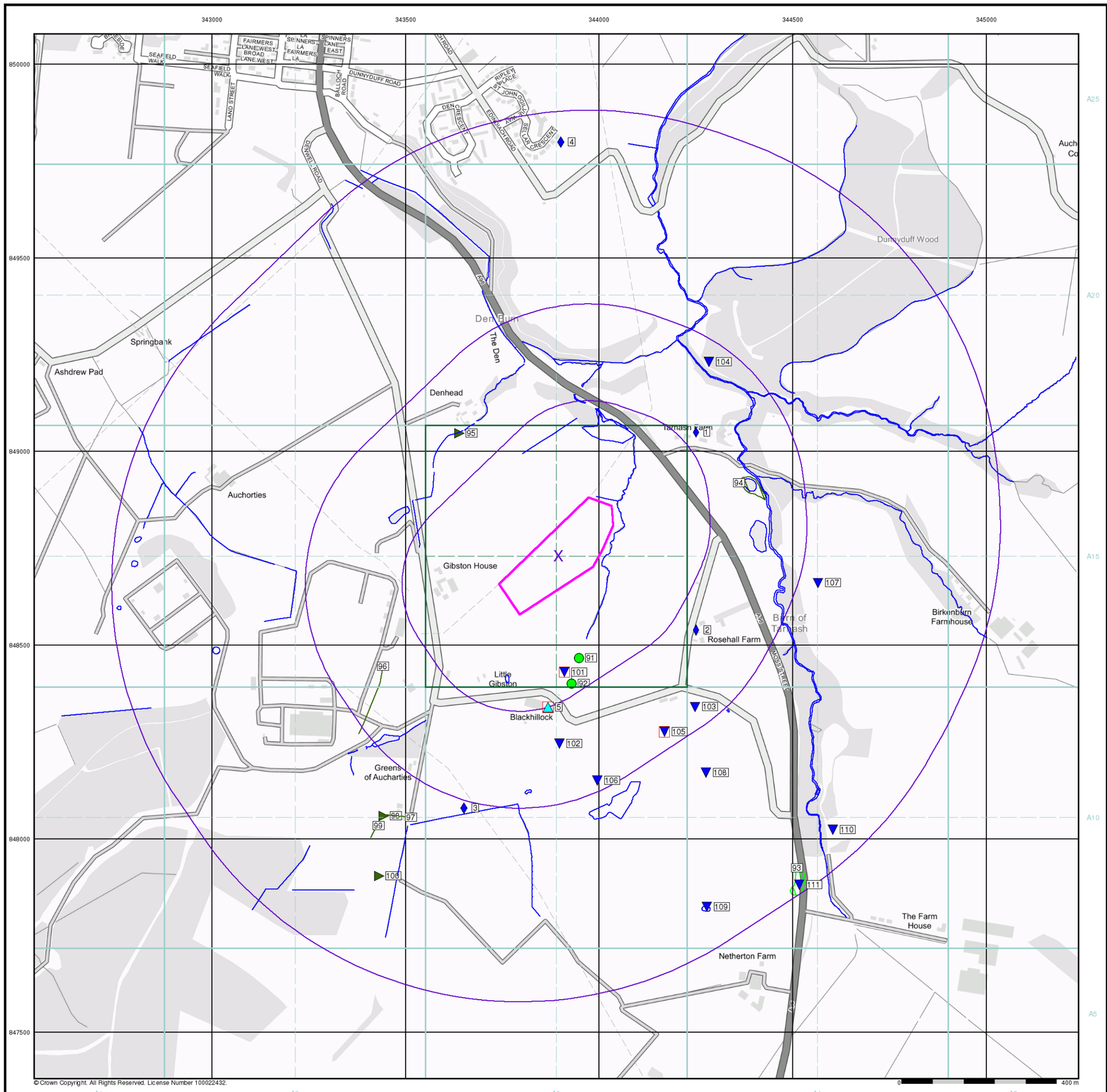
Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Plot Buffer (m):	100

Site Details

Site at 343890, 848690

Landmark INFORMATION GROUP

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



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LANDMARK INFORMATION GROUP®

General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
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- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
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- Registered Radioactive Substance
- River Network or Water Feature
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- Water Industry Act Referral

Hazardous Substances

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

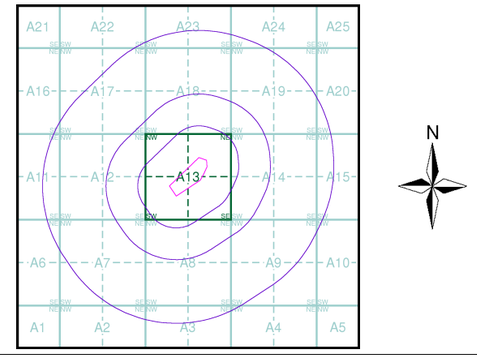
Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Non-water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Slice A



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

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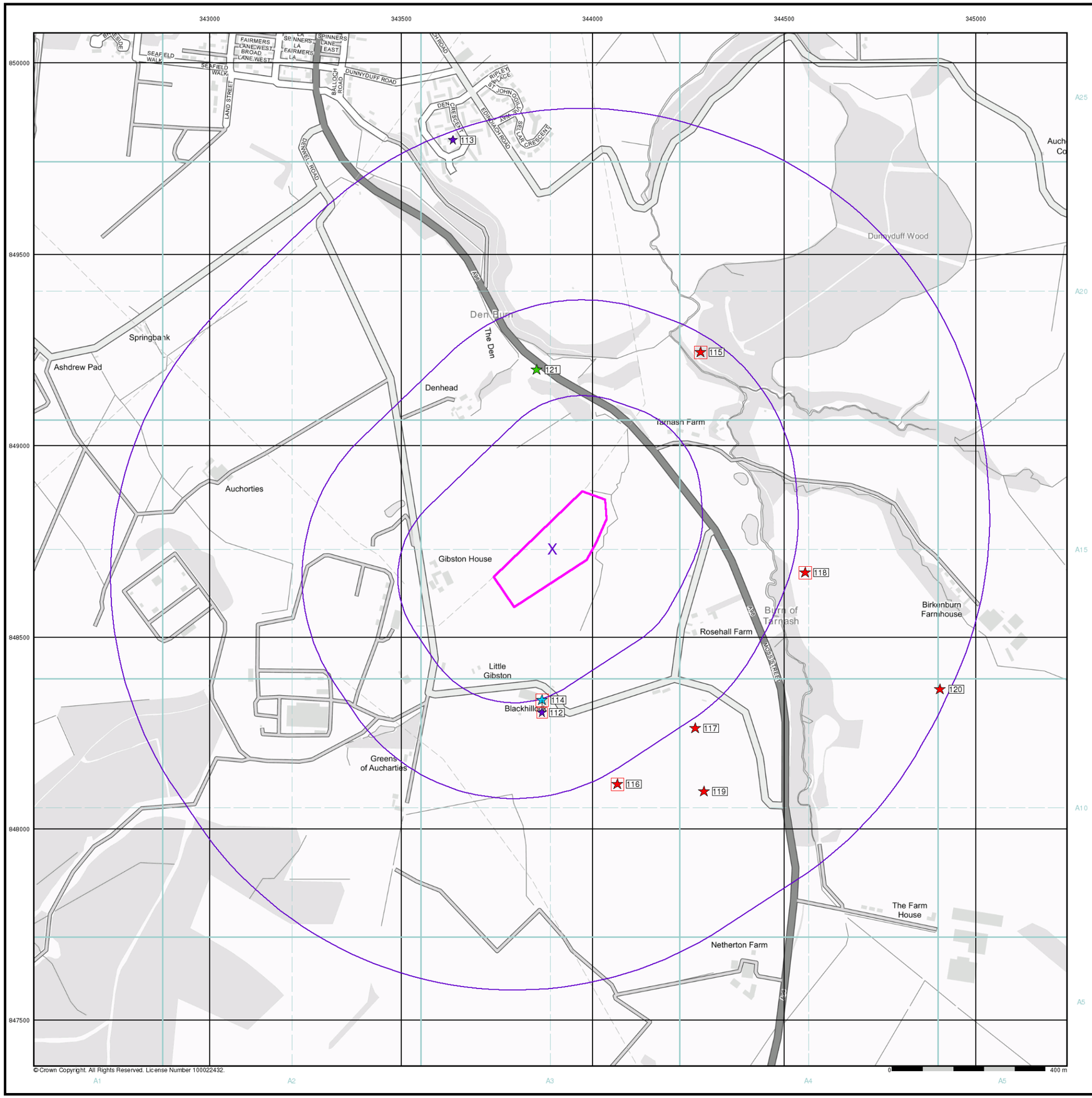
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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Industrial Land Use Map

General

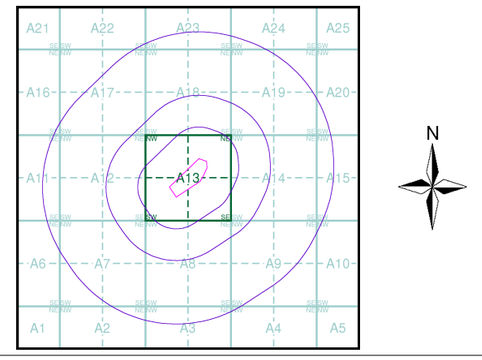
Specified Site | Specified Buffer(s) | Bearing Reference Point

Slice | Map ID

Industrial Land Use

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

Industrial Land Use Map - Slice A



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

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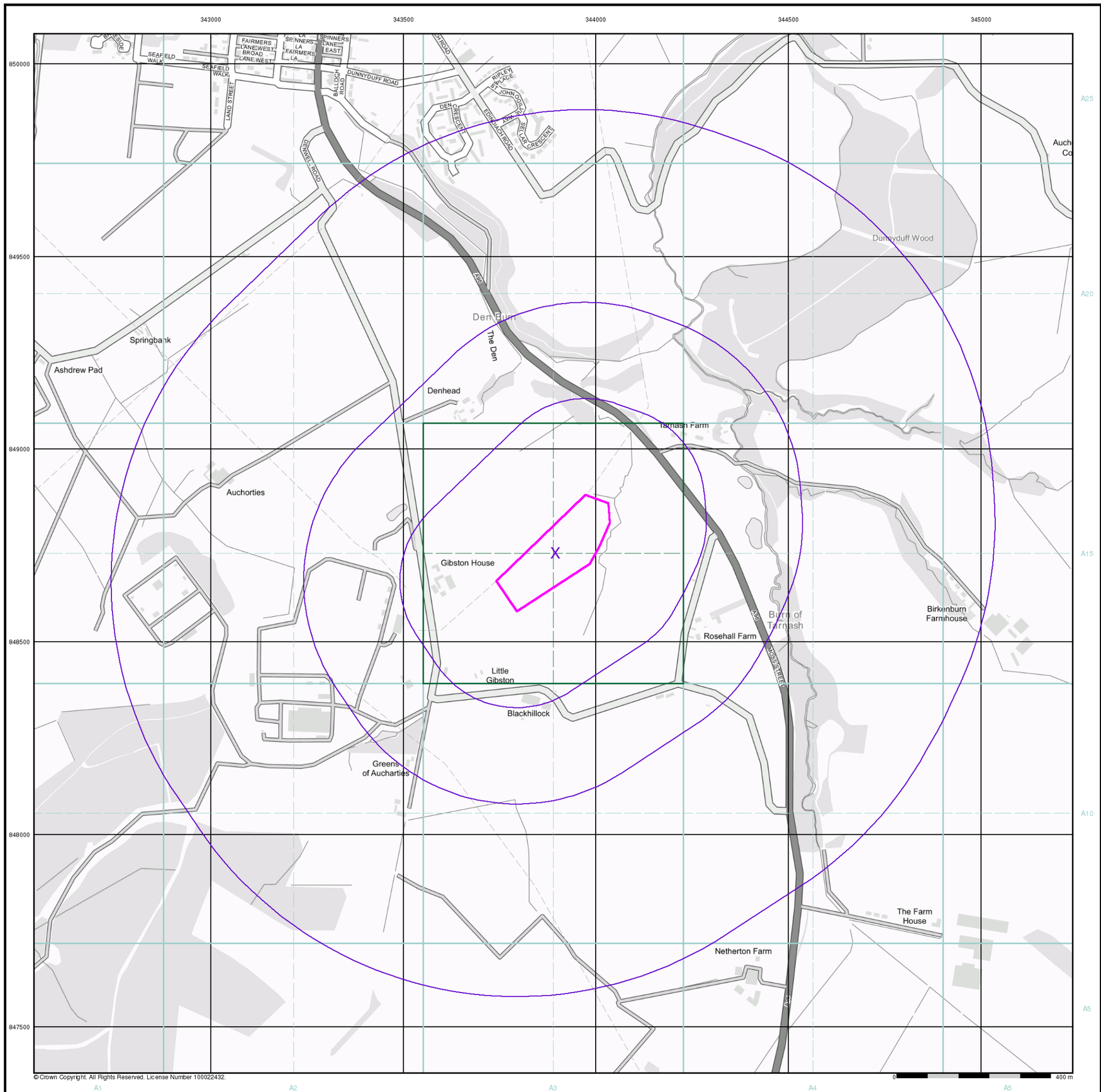
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

General

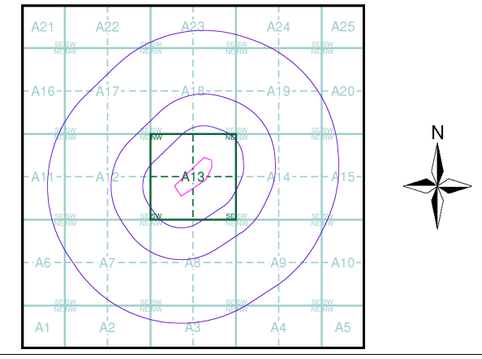
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice A



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

Landmark® INFORMATION GROUP

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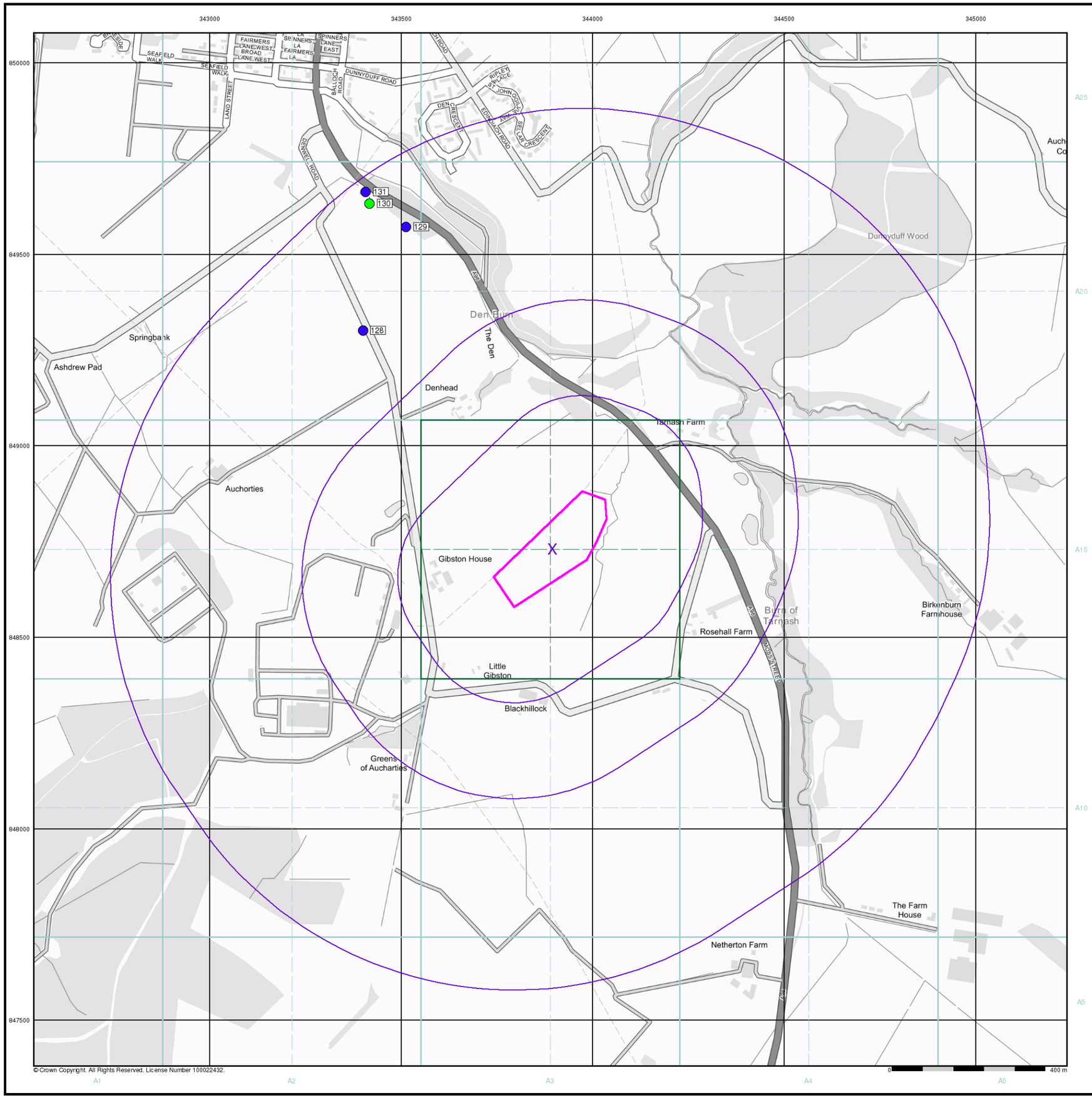
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



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LANDMARK INFORMATION GROUP®

General

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

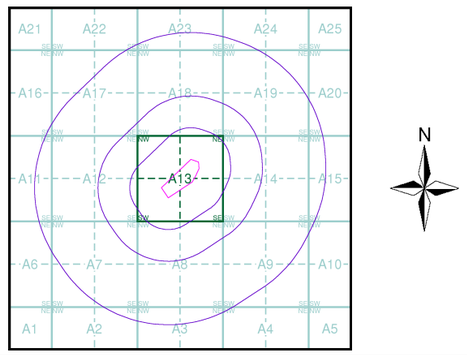
Agency and Hydrological (Boreholes)

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

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

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

Borehole Map - Slice A



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

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Fax: 0844 844 9951
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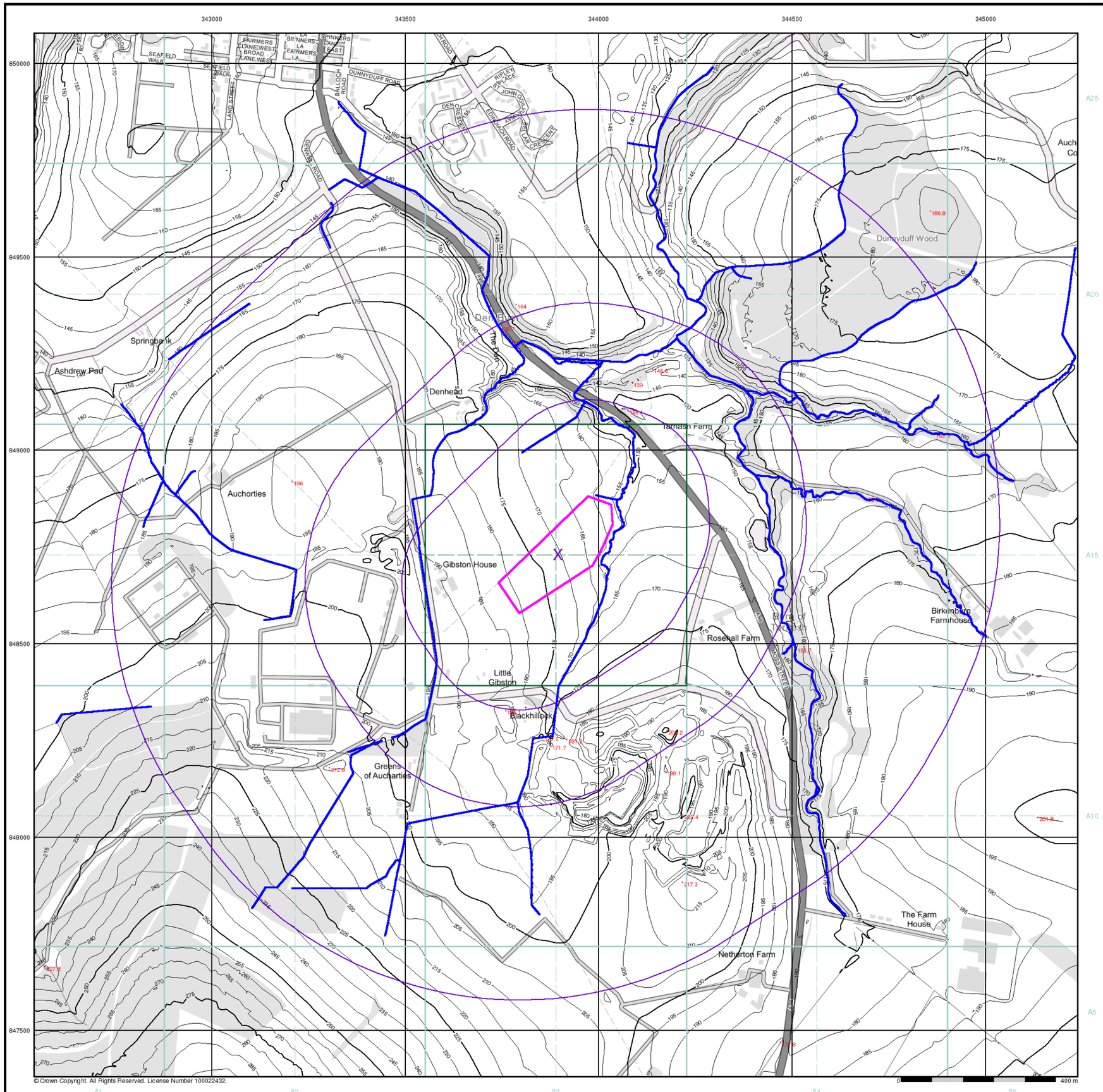

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LANDMARK INFORMATION GROUP®

General

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

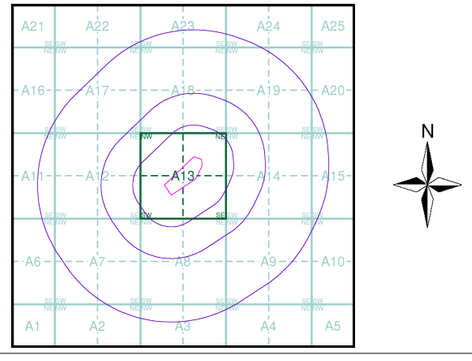
OS Water Network Data

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

Contours (height in meters)

- Standard Contour (105, 100, 95)
- Master Contour
- Spot Height 167.3
- MLW Mean Low Water Springs
- MHW Mean High Water Springs

OS Water Network Map - Slice A



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Site Details

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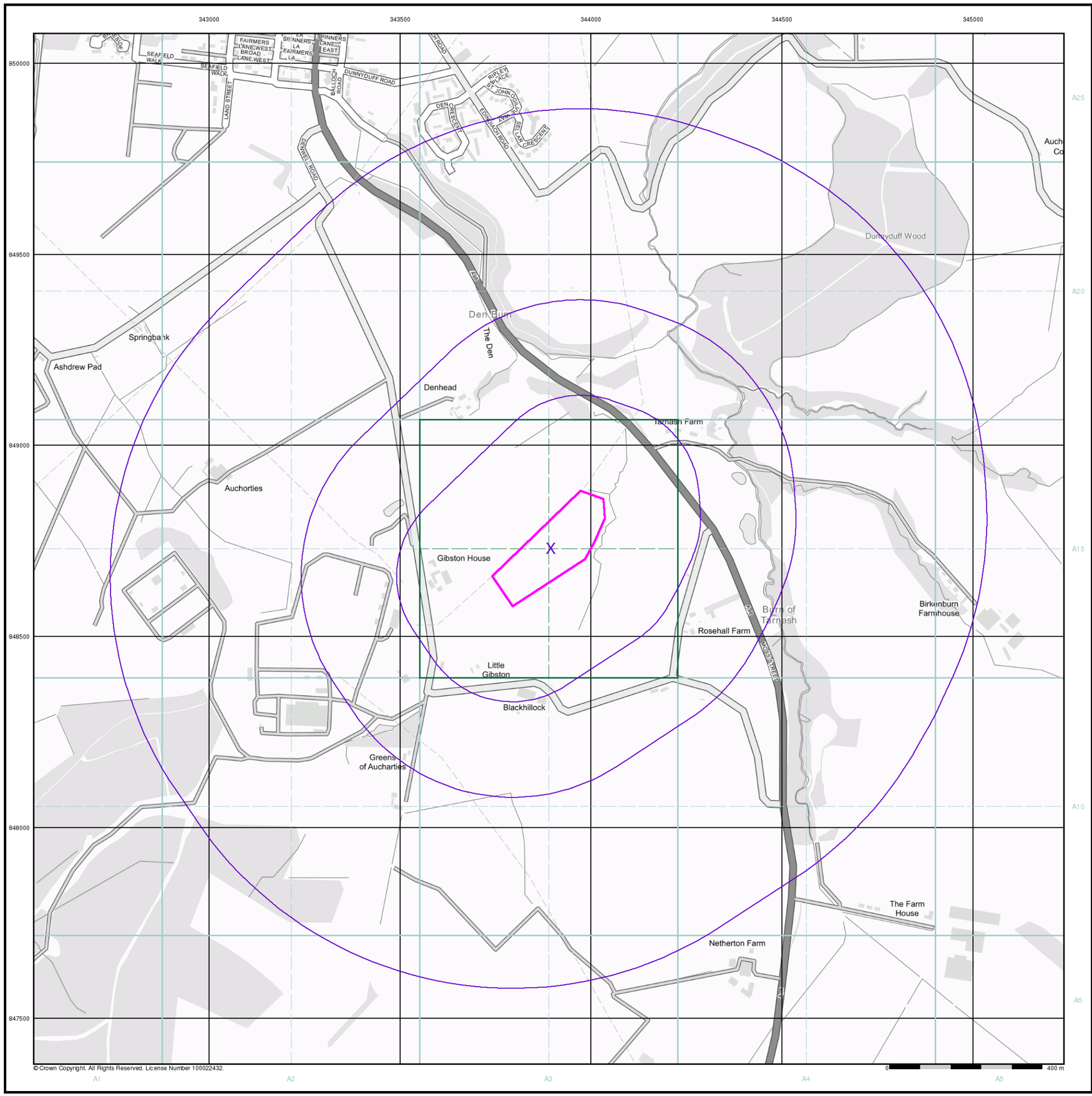

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General

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

Risk of Flooding from Surface Water

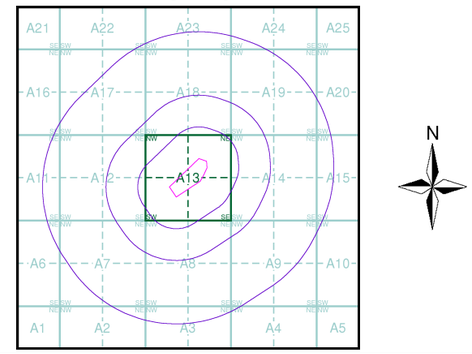
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EA/NRW Suitability Map - Slice A



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Slice:	A
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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
	TILLD	Till, Devensian	Diamicton	Not Supplied - Devensian
	ALRT	Alluvium and River Terrace Deposits (Undifferentiated)	Gravel, Sand, Silt and Clay	Not Supplied - Quaternary
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	MOGS	Mortlach Graphitic Schist Formation	Pelite, Graphitic	Not Supplied - Neoproterozoic
	DUFF	Dufftown Limestone Member	Metalimestone	Not Supplied - Neoproterozoic
	COQU	Corryhabbie Quartzite Formation	Quartzite	Not Supplied - Neoproterozoic
	TNPL	Tarnash Phyllite and Limestone Formation	Semipelite, Micaceous Psammite, Metalimestone and Calcsilicate-rock	Not Supplied - Neoproterozoic
	MOGS	Mortlach Graphitic Schist Formation	Graphitic Pelite and Semipelite	Not Supplied - Neoproterozoic
	TNPL	Tarnash Phyllite and Limestone Formation	Metalimestone	Not Supplied - Neoproterozoic
	TNPL	Tarnash Phyllite and Limestone Formation	Metadolomite and/or Dolomitic Metalimestone	Not Supplied - Neoproterozoic
	PCFL	Pitlurg Calcareous Flag Formation	Calcareous Psammite and Calcareous Semipelite	Not Supplied - Neoproterozoic
	DRUC	Drummuir Calcareous Member	Metalimestone	Not Supplied - Neoproterozoic
	DRUC	Drummuir Calcareous Member	Semipelite, Micaceous Psammite, Metalimestone and Calcsilicate-rock	Not Supplied - Neoproterozoic
	KEITH	Keith Intrusions	Metagranite, Sheared	Not Supplied - Neoproterozoic
	DOUG	Douglasbrae Limestone	Metalimestone	Not Supplied - Neoproterozoic
	TNPL	Tarnash Phyllite and	Semipelite,	Not Supplied -

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
		Limestone Formation	Metacarbonate-rock and Calcsilicate-rock	Neoproterozoic
	KEITH	Keith Intrusions	Felsite, Sheared	Not Supplied - Neoproterozoic
	FORD	Fordyce Limestone Formation	Pelite	Not Supplied - Neoproterozoic
	KTHL	Keith Limestone Formation	Semipelite	Not Supplied - Neoproterozoic
	KTHL	Keith Limestone Formation	Quartzite	Not Supplied - Neoproterozoic
	KTHL	Keith Limestone Formation	Metalimestone	Not Supplied - Neoproterozoic
	FORD	Fordyce Limestone Formation	Pelite and Semipelite	Not Supplied - Neoproterozoic
	FORD	Fordyce Limestone Formation	Metacarbonate-rock and Calcsilicate-rock	Not Supplied - Neoproterozoic
	CUTL	Cuthill Limestone Member	Metalimestone	Not Supplied - Neoproterozoic
	MOGS	Mortlach Graphitic Schist Formation	Quartzite	Not Supplied - Neoproterozoic
	KTHL	Keith Limestone Formation	Semipelite, Gneissose	Not Supplied - Neoproterozoic
	KTHL	Keith Limestone Formation	Metalimestone with bands of Calcsilicate-rock	Not Supplied - Neoproterozoic
	LIML	Limehillock Limestone Member	Metacarbonate-rock	Not Supplied - Neoproterozoic
	CCFL	Cairnfield Calcareous Flag Formation	Calcareous Psammite and Calcareous Semipelite	Not Supplied - Neoproterozoic
	UMPCC	Unnamed Metamorphic Rocks, Pre-Caledonian to Caledonian	Amphibolite, Foliated	Not Supplied - Archaean
		Faults		

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Geology 1:50,000 Maps

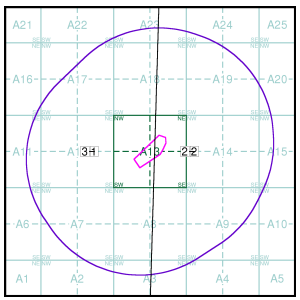
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published paper maps.
The various geological layers - artificial and landslip deposits, superficial geology and solid (bedrock) geology are displayed in separate maps, but superimposed on the final 'Combined Surface Geology' map. All map legends feature on this page. Not all layers have complete nationwide coverage, so availability of data for relevant map sheets is indicated below.

Geology 1:50,000 Maps Coverage

Map ID:	**1**	**Map ID:**	**2**
Map Sheet No:	**085**	**Map Sheet No:**	**086W**
Map Name:	**Rothes**	**Map Name:**	**Huntly**
Map Date:	**1898**	**Map Date:**	**1923**
Bedrock Geology:	**Available**	**Bedrock Geology:**	**Available**
Superficial Geology:	**Available**	**Superficial Geology:**	**Available**
Artificial Geology:	**Available**	**Artificial Geology:**	**Not Available**
Faults:	**Not Supplied**	**Faults:**	**Not Supplied**
Landslip:	**Available**	**Landslip:**	**Not Available**
Rock Segments:	**Not Supplied**	**Rock Segments:**	**Not Supplied**

Map ID:	**3**
Map Sheet No:	**085E**
Map Name:	**Glenfiddich**
Map Date:	**1996**
Bedrock Geology:	**Available**
Superficial Geology:	**Not Available**
Artificial Geology:	**Not Available**
Faults:	**Not Supplied**
Landslip:	**Not Available**
Rock Segments:	**Not Supplied**

Geology 1:50,000 Maps - Slice A



Order Details:

Order Number:	283397708_1_1
Customer Reference:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details:

Site at 343890, 848690

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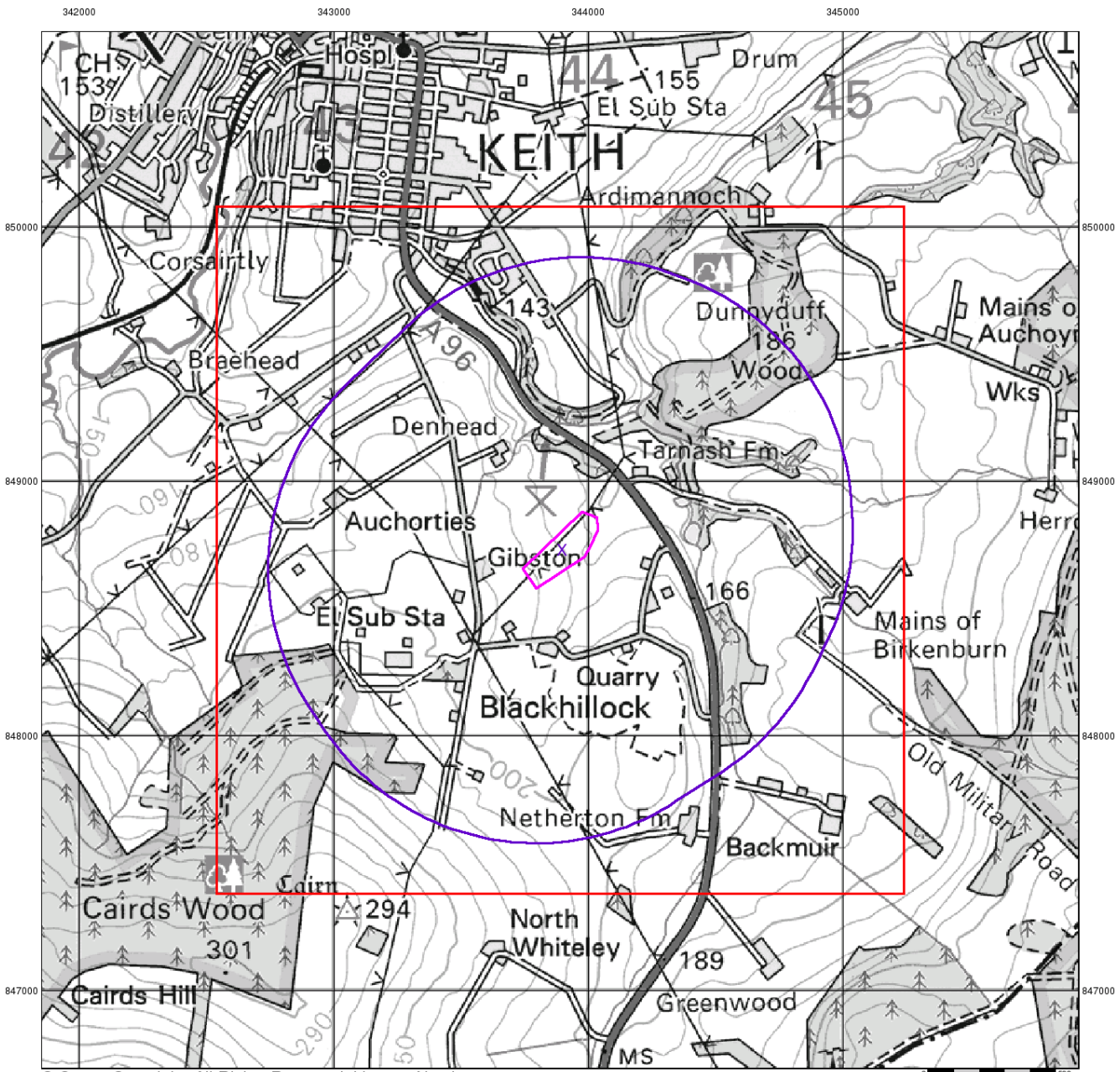

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Artificial Ground and Landslip

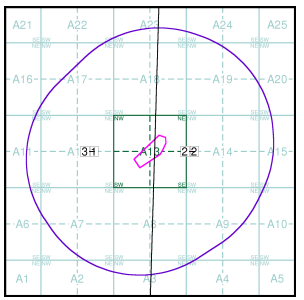
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



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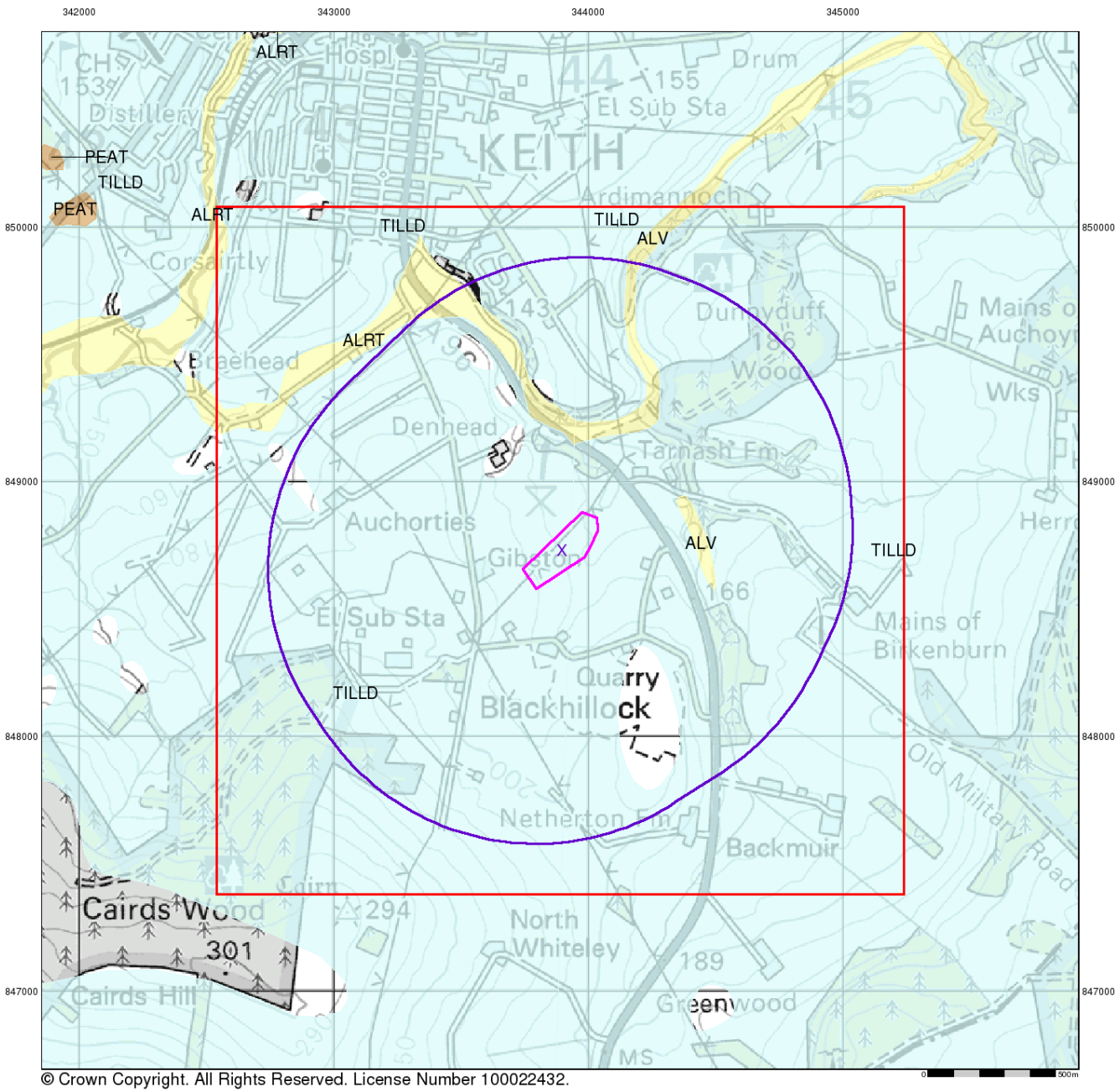

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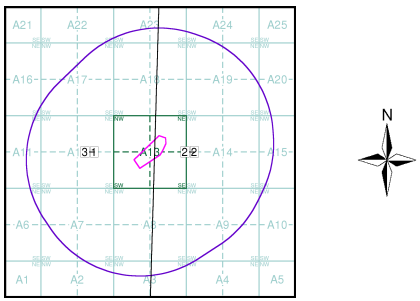
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



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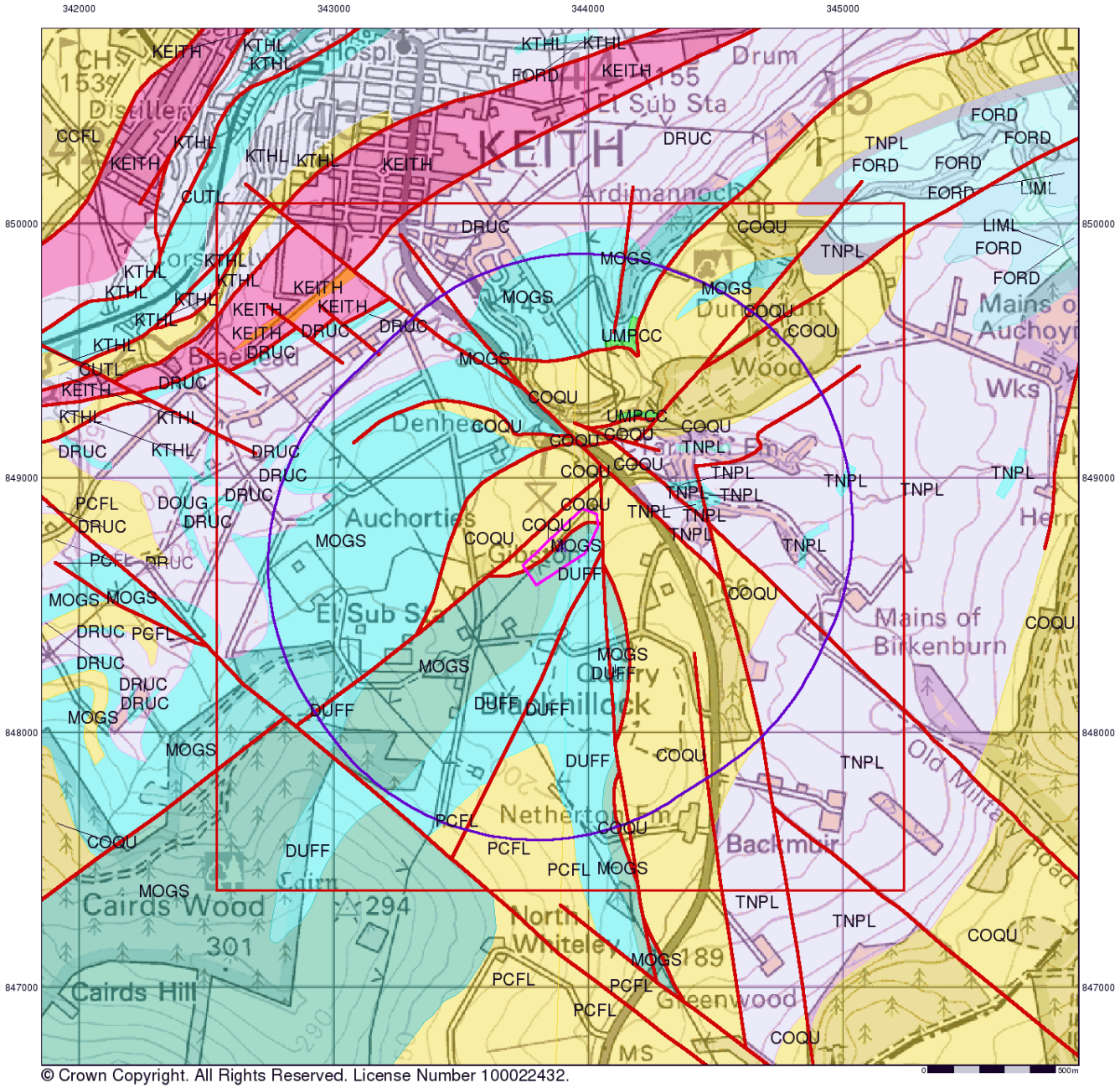

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Bedrock and Faults

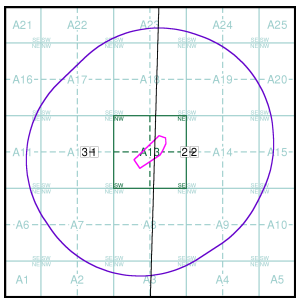
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



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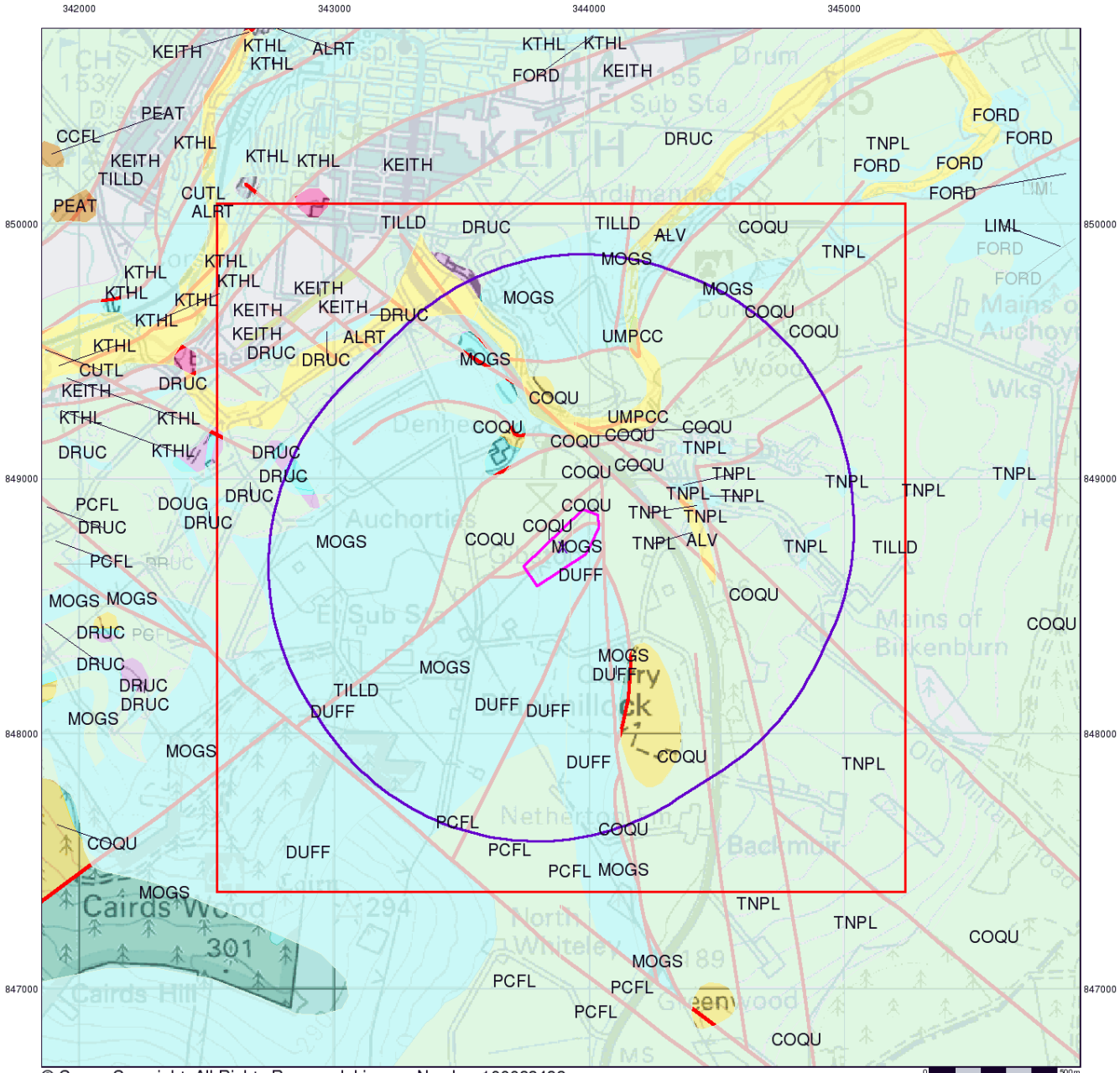

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Combined Surface Geology

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

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

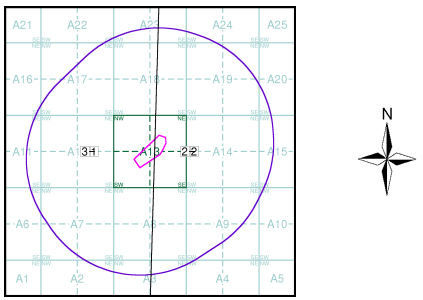
Additional Information

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

Contact

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

Combined Geology Map - Slice A



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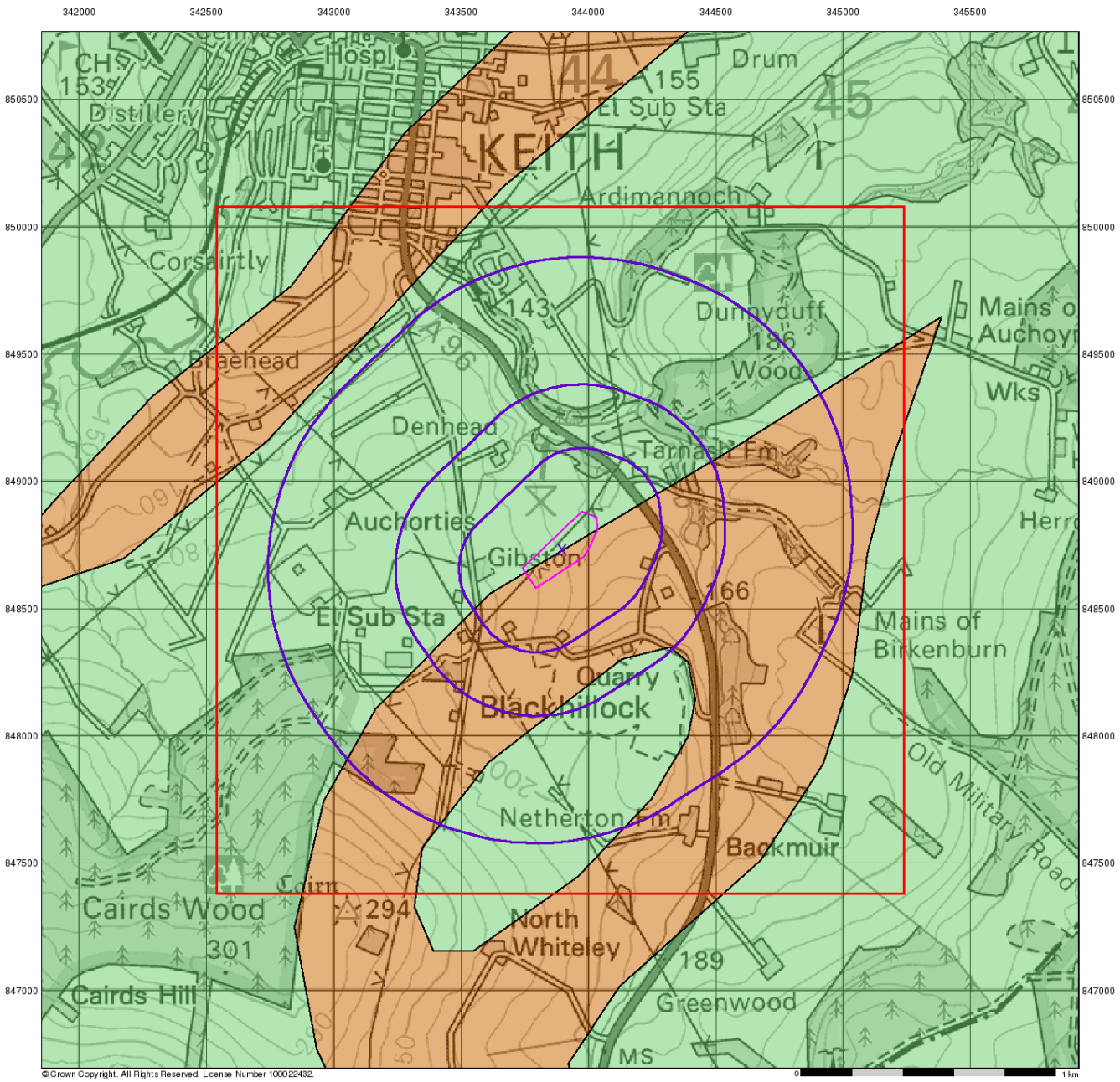

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Groundwater Vulnerability

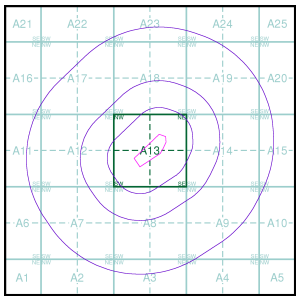
General

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

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



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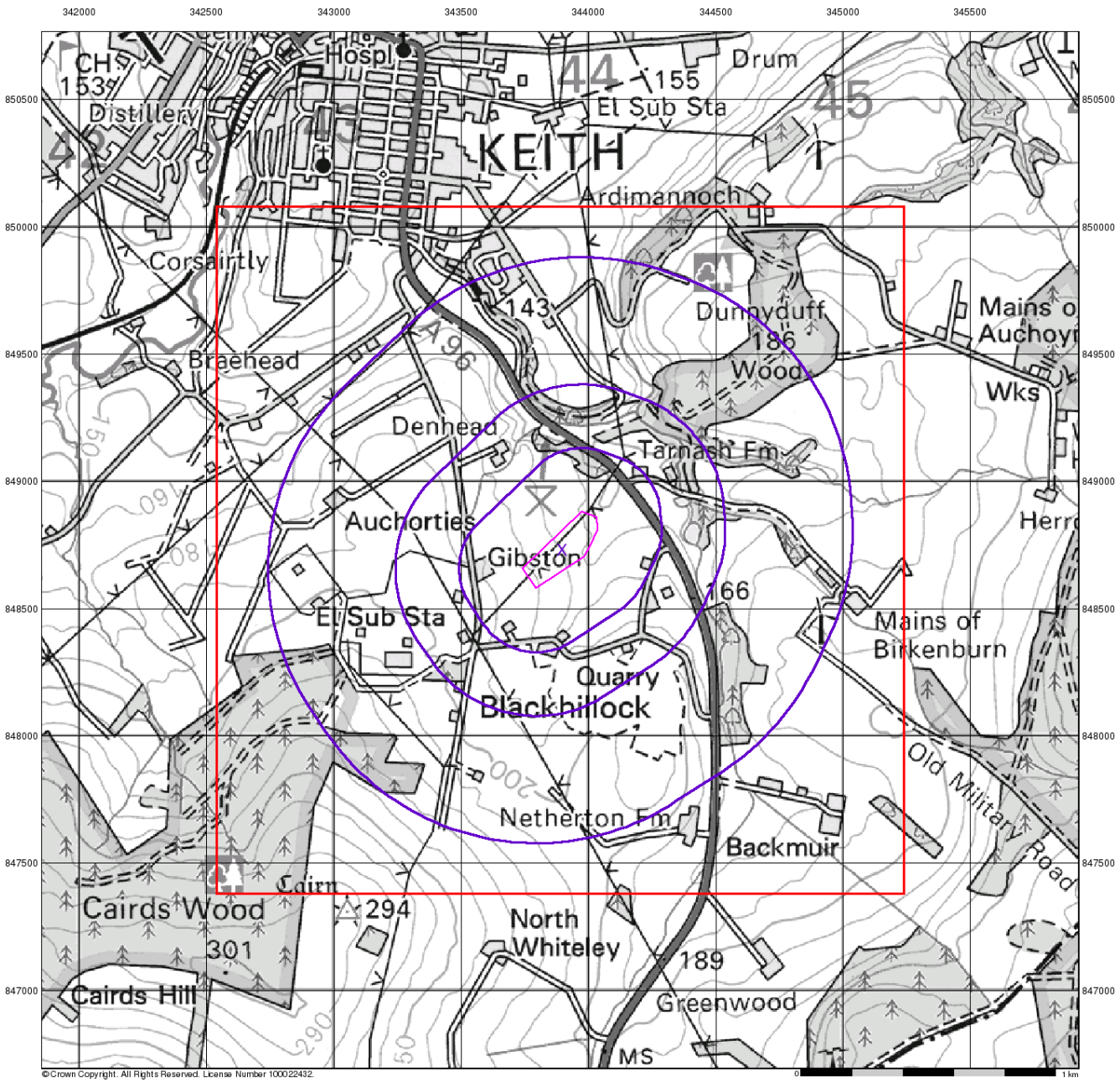

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Source Protection Zones

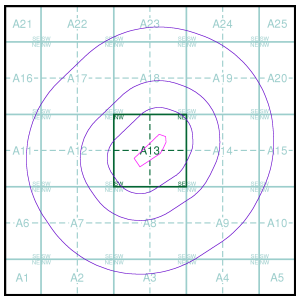
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



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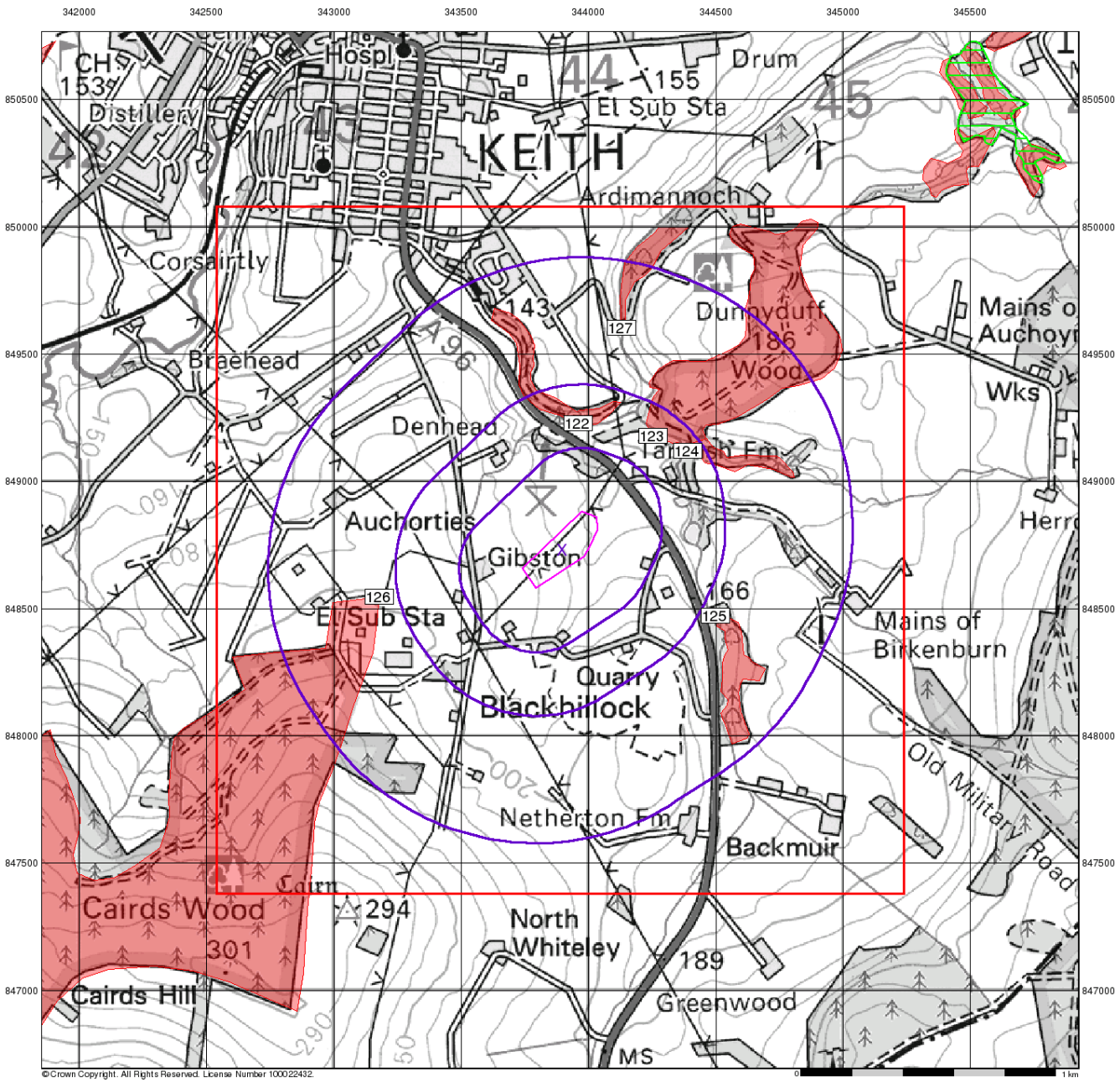

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Sensitive Land Uses

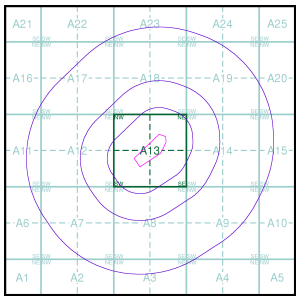
General

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

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A



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Slice:	A
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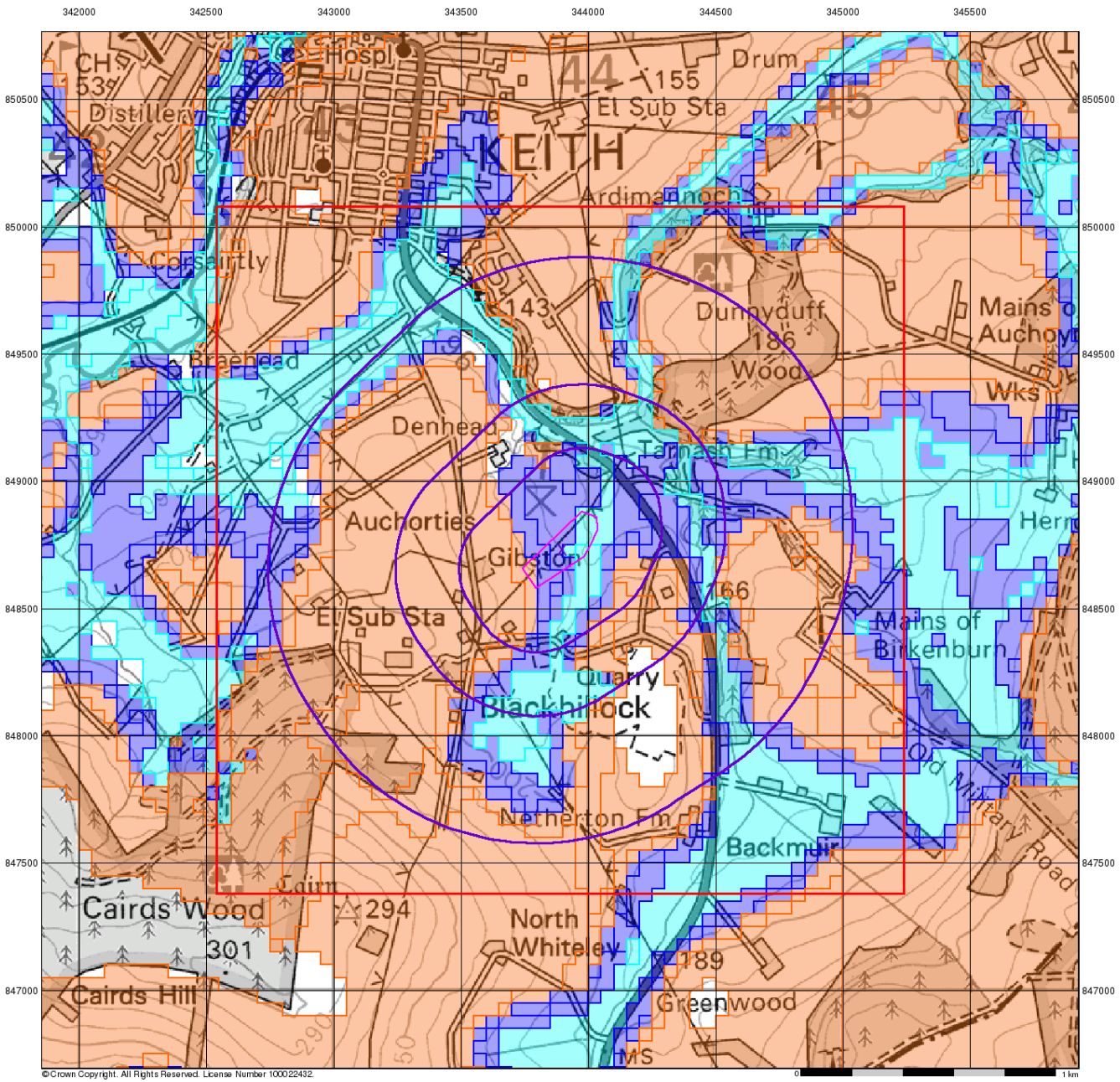

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BGS Flood GFS Data

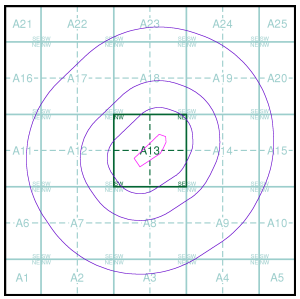
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



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Site Details

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LANDMARK INFORMATION GROUP®

General

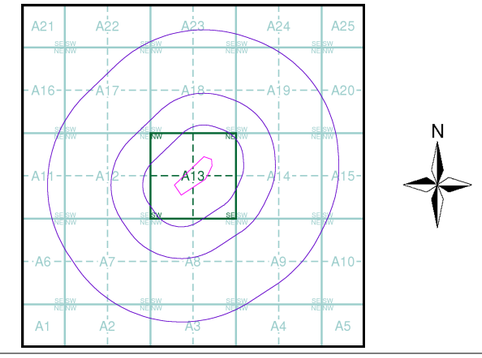
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Arsenic

Arsenic Concentrations mg/kg

- < 15
- 15 - 25
- 25 - 35
- 35 - 45
- 45 - 60
- 60 - 120
- > 120

Estimated Soil Chemistry Arsenic - Slice A



Order Details

Order Details:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

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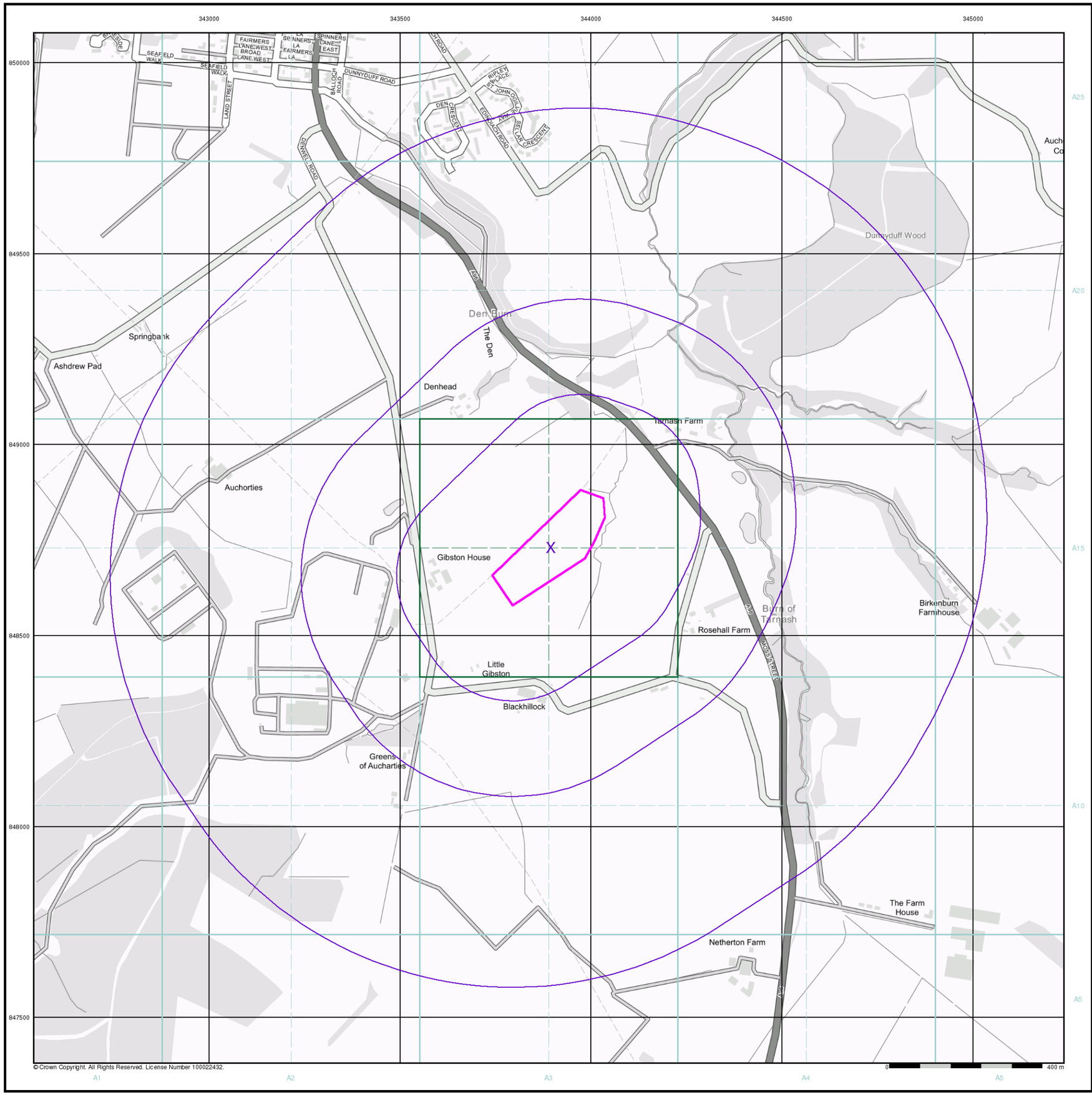

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General

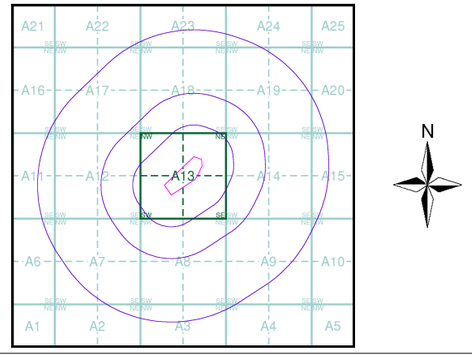
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Cadmium

Cadmium Concentrations mg/kg

- < 1.8
- 1.8 - 2.2
- 2.2 - 3.0
- > 3.0

Estimated Soil Chemistry Cadmium - Slice A



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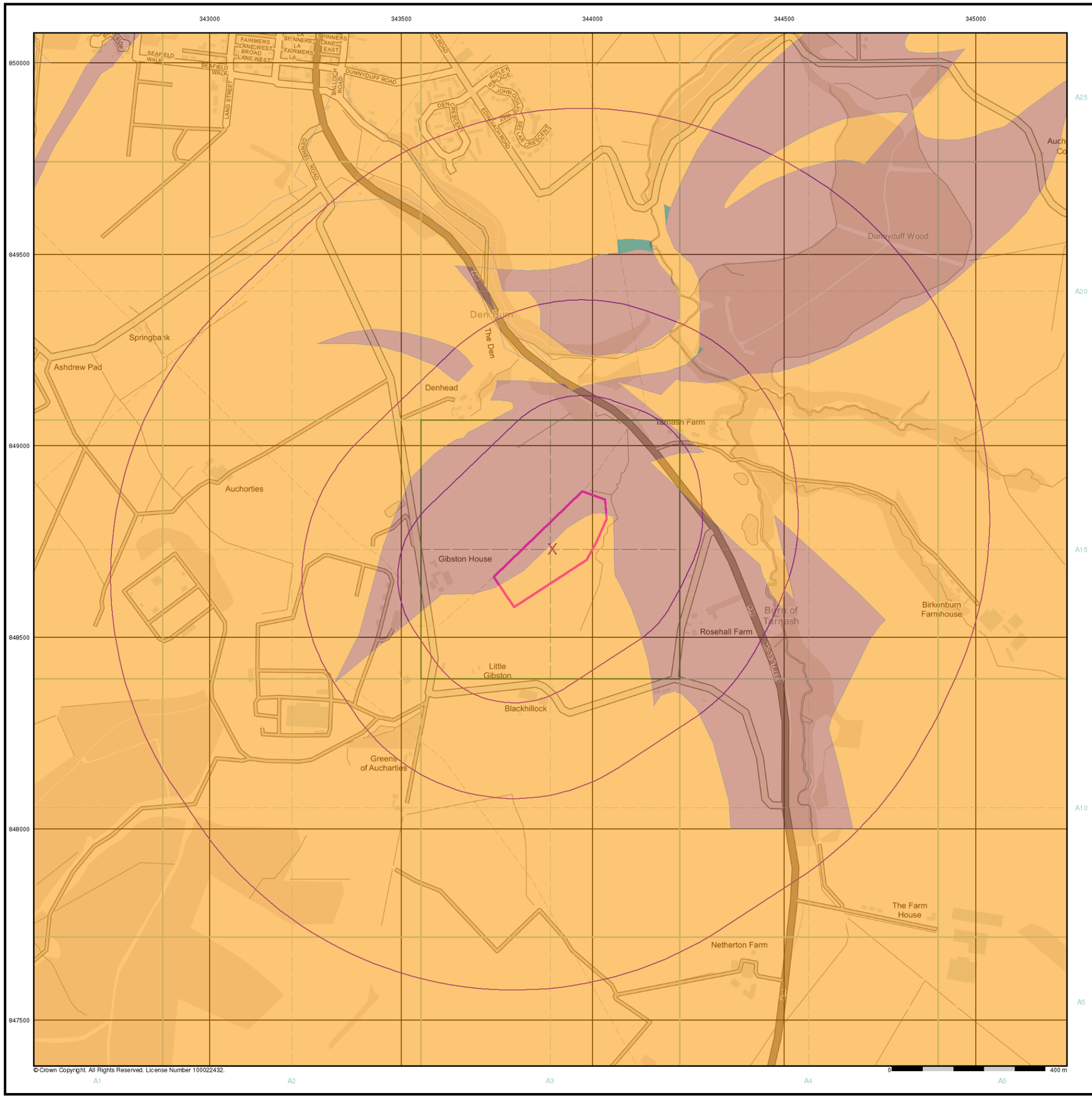

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General

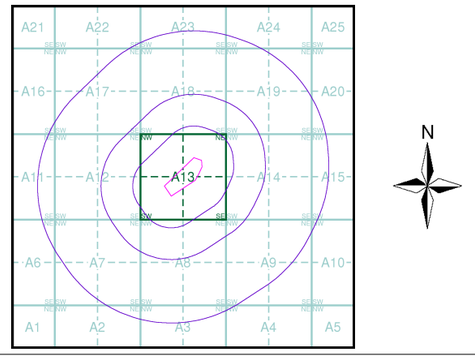
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Chromium

Chromium Concentrations mg/kg

- < 20
- 20 - 40
- 40 - 60
- 60 - 90
- 90 - 120
- 120 - 180
- > 180

Estimated Soil Chemistry Chromium - Slice A



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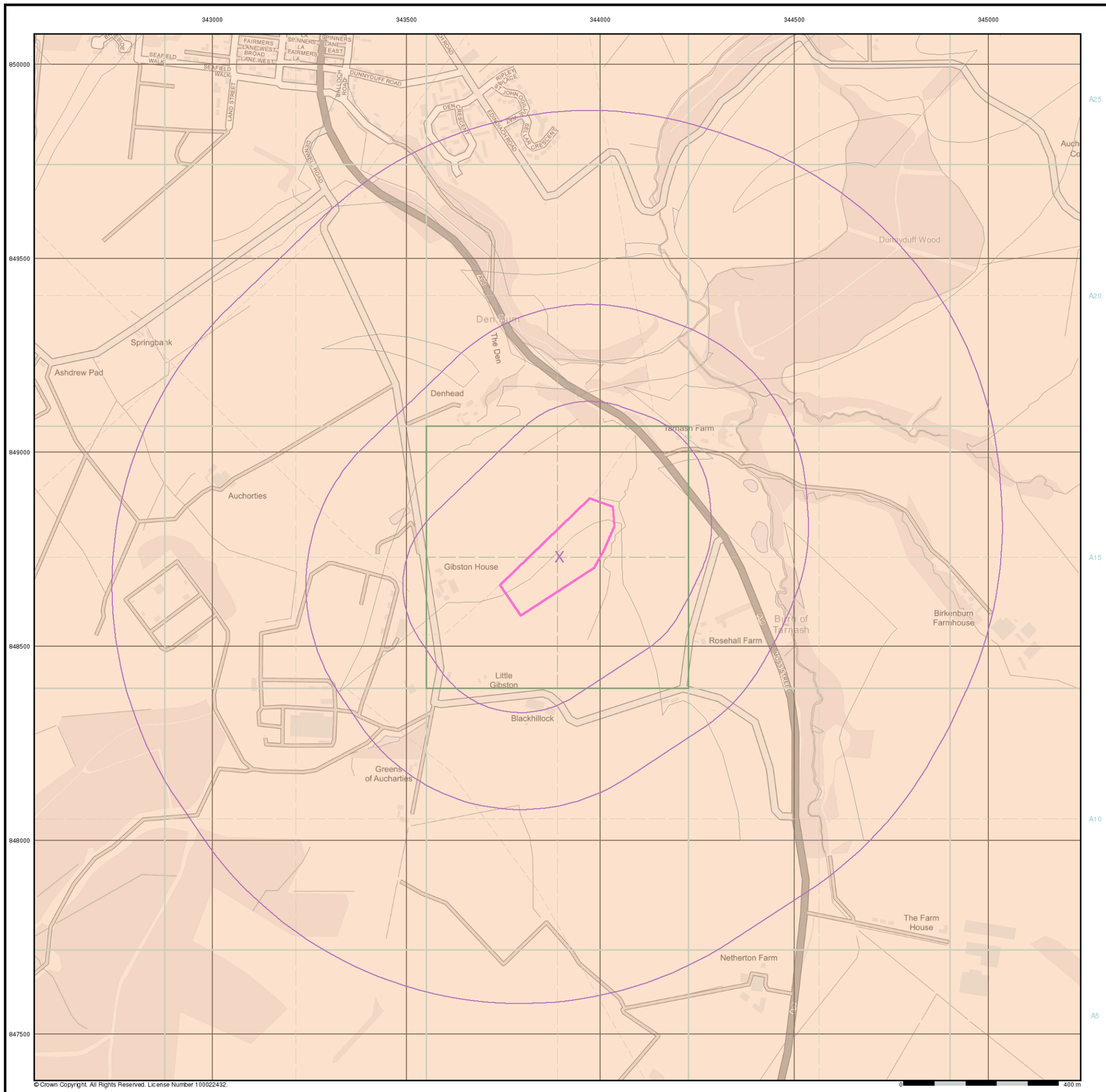

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General

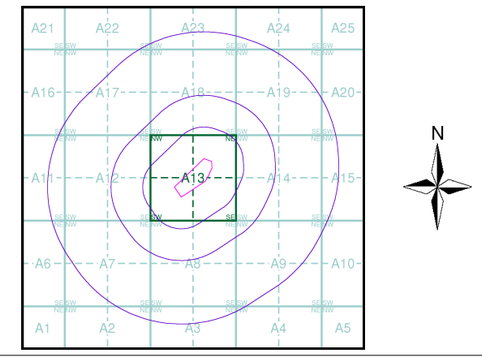
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Lead

Lead Concentrations mg/kg

- <100 mg/kg
- 100 - 200
- 200 - 300
- 300 - 600
- 600 - 1200
- >1200

Estimated Soil Chemistry Lead - Slice A



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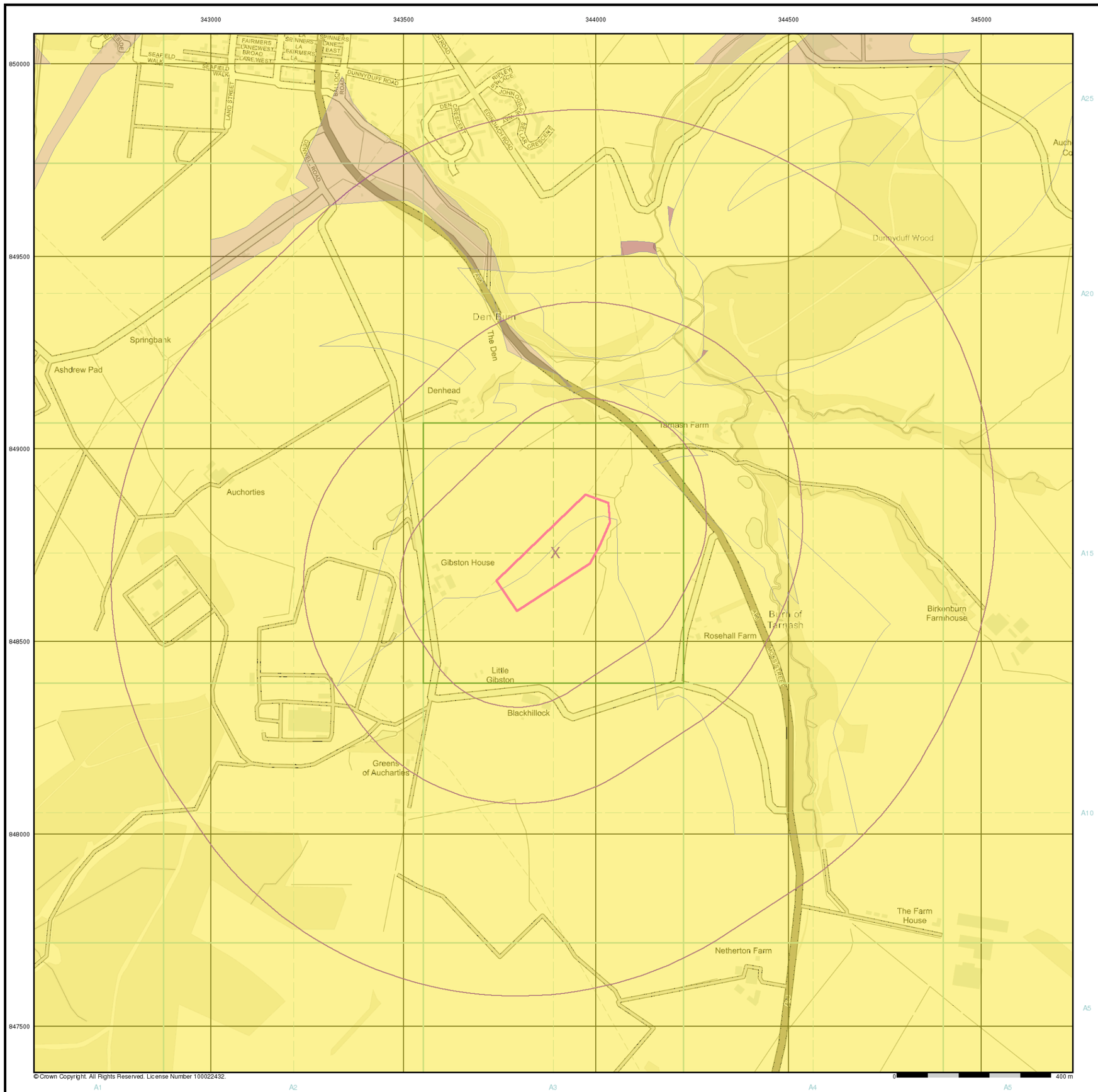

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General

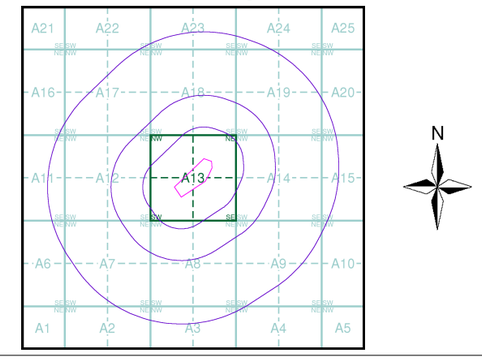
Specified Site | Specified Buffer(s) | X Bearing Reference Point

Estimated Soil Chemistry Nickel

Nickel Concentrations mg/kg

- < 15
- 15 - 30
- 30 - 45
- 45 - 60
- 60 - 80
- 80 - 100
- > 100

Estimated Soil Chemistry Nickel - Slice A



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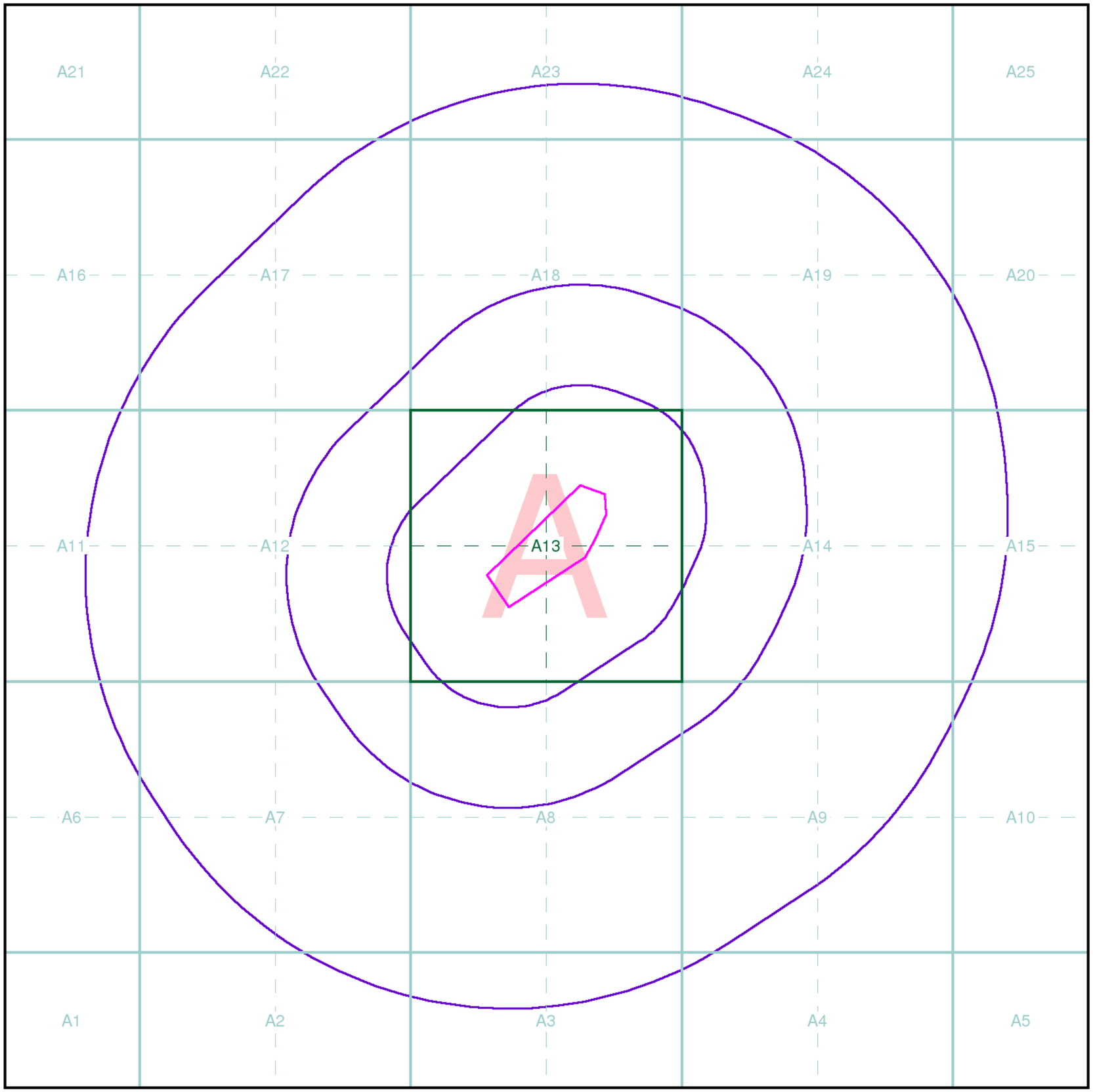

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Index Map

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.

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

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

A selection of organisations who provide data within this report:

Map data

British Geological Survey
NATURAL ENVIRONMENT RESEARCH COUNCIL

SEPA
Scottish Environment Protection Agency

SCOTTISH NATURAL HERITAGE

Envirocheck reports are compiled from 136 different sources of data.

Client Details

Mr N Henderson, David R Murray & Associates, 150 St John's Road, Edinburgh, EH12 8AY

Order Details

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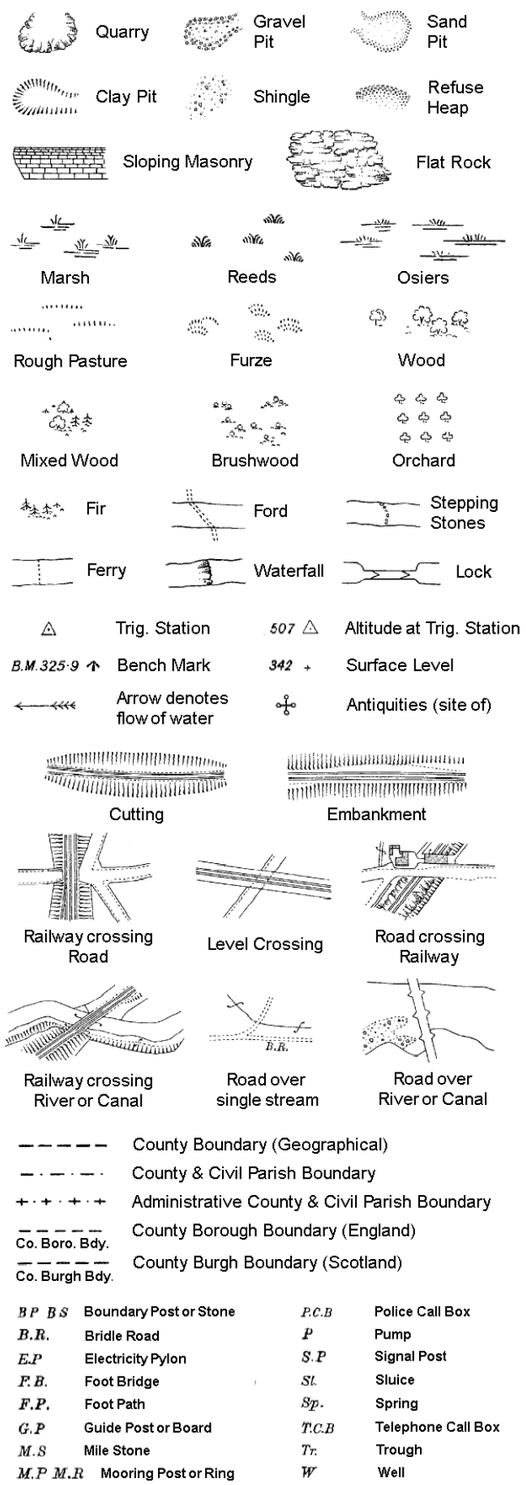
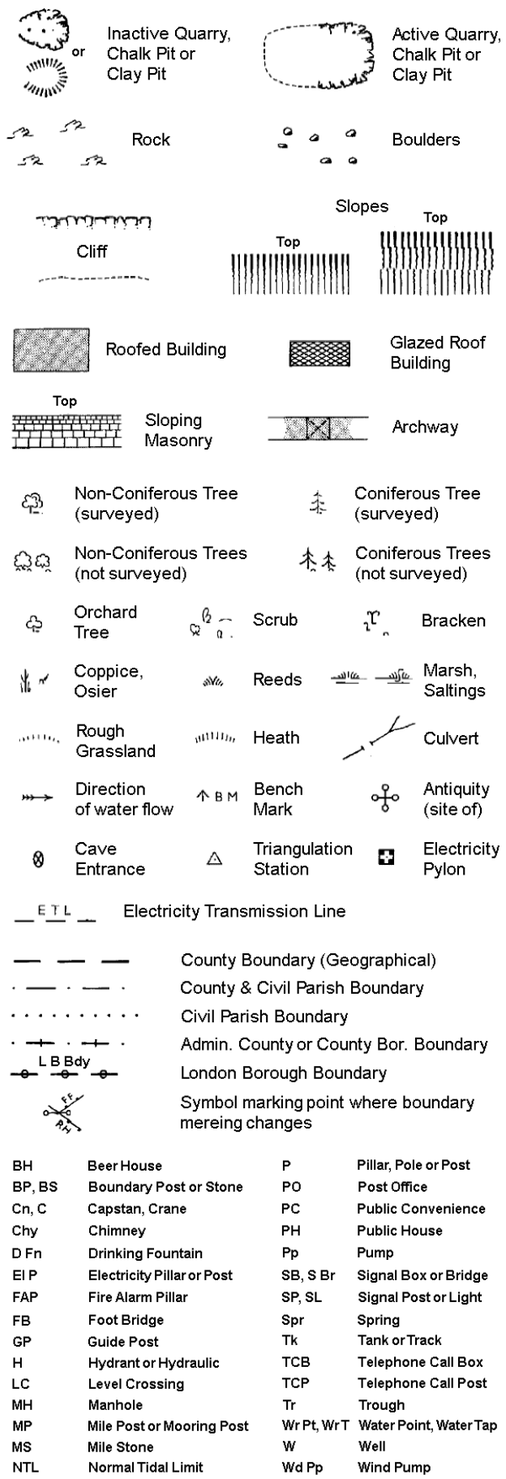
Historical Mapping Legends

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



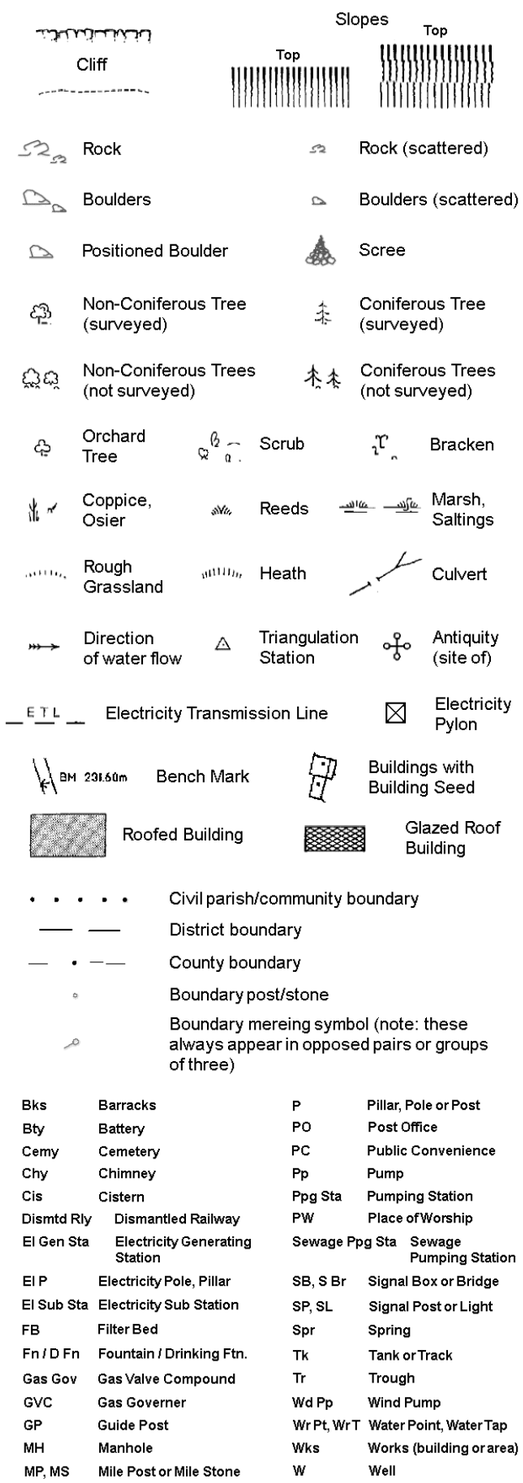
B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

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



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
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

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



Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

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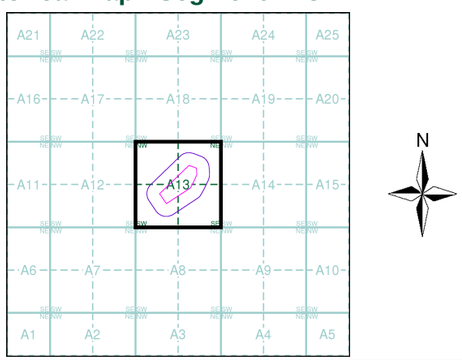
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Banffshire	1:2,500	1869	2
Banffshire	1:2,500	1905	3
Ordnance Survey Plan	1:2,500	1964 - 1976	4
Ordnance Survey Plan	1:2,500	1978	5
Additional SIMs	1:2,500	1987	6
Large-Scale National Grid Data	1:2,500	1995	7
Historical Aerial Photography	1:2,500	2005	8

Historical Map - Segment A13



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	100

Site Details

Site at 343890, 848690

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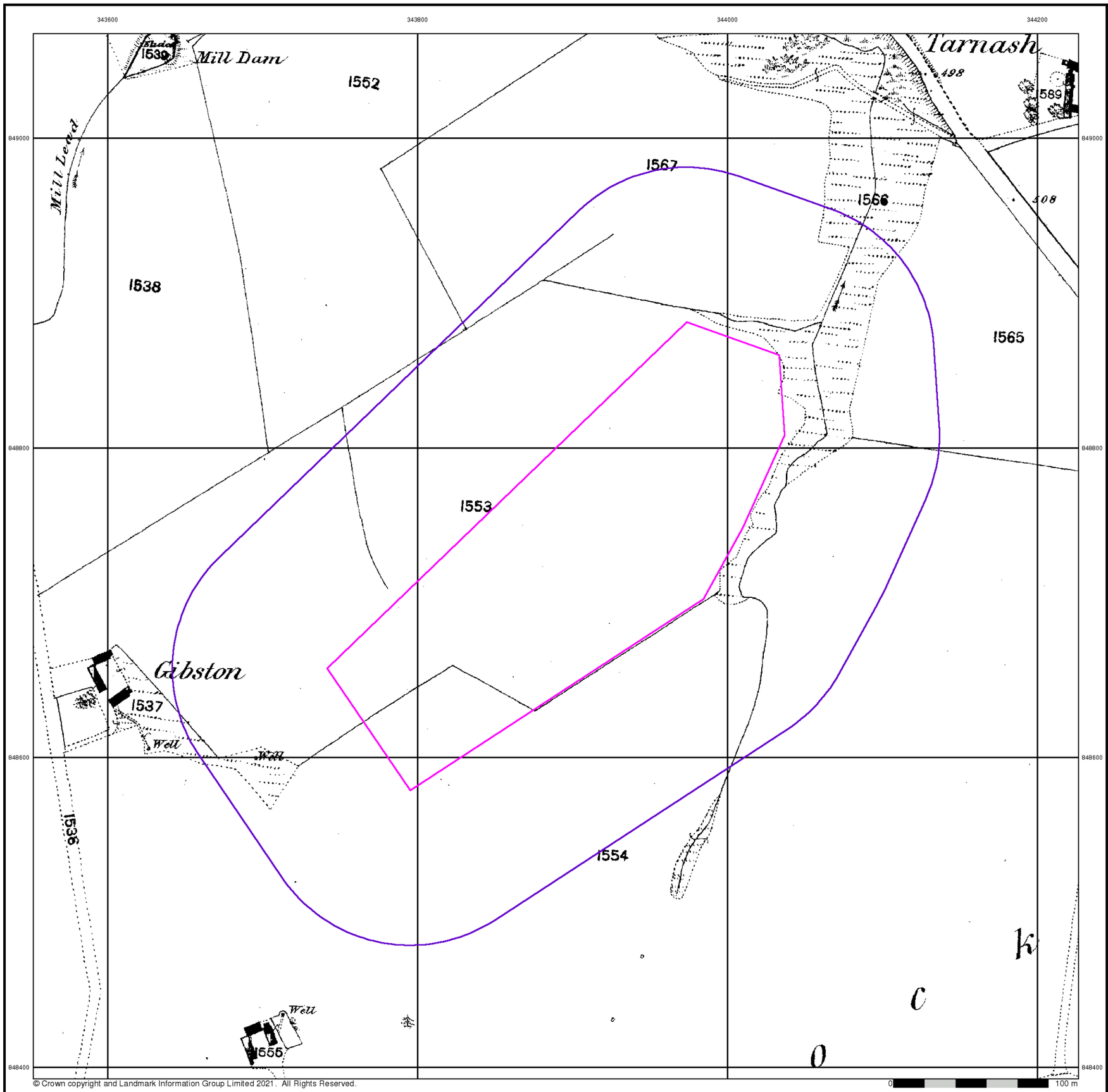

0 100 m

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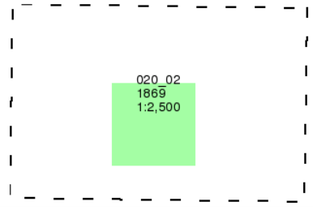
Banffshire

Published 1869

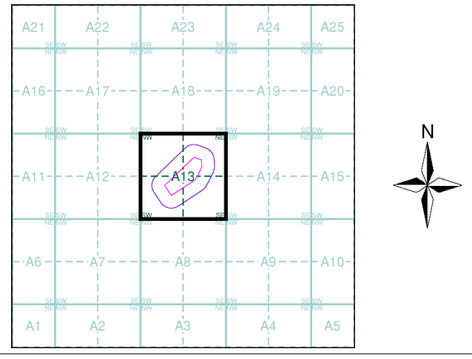
Source map scale - 1:2,500

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



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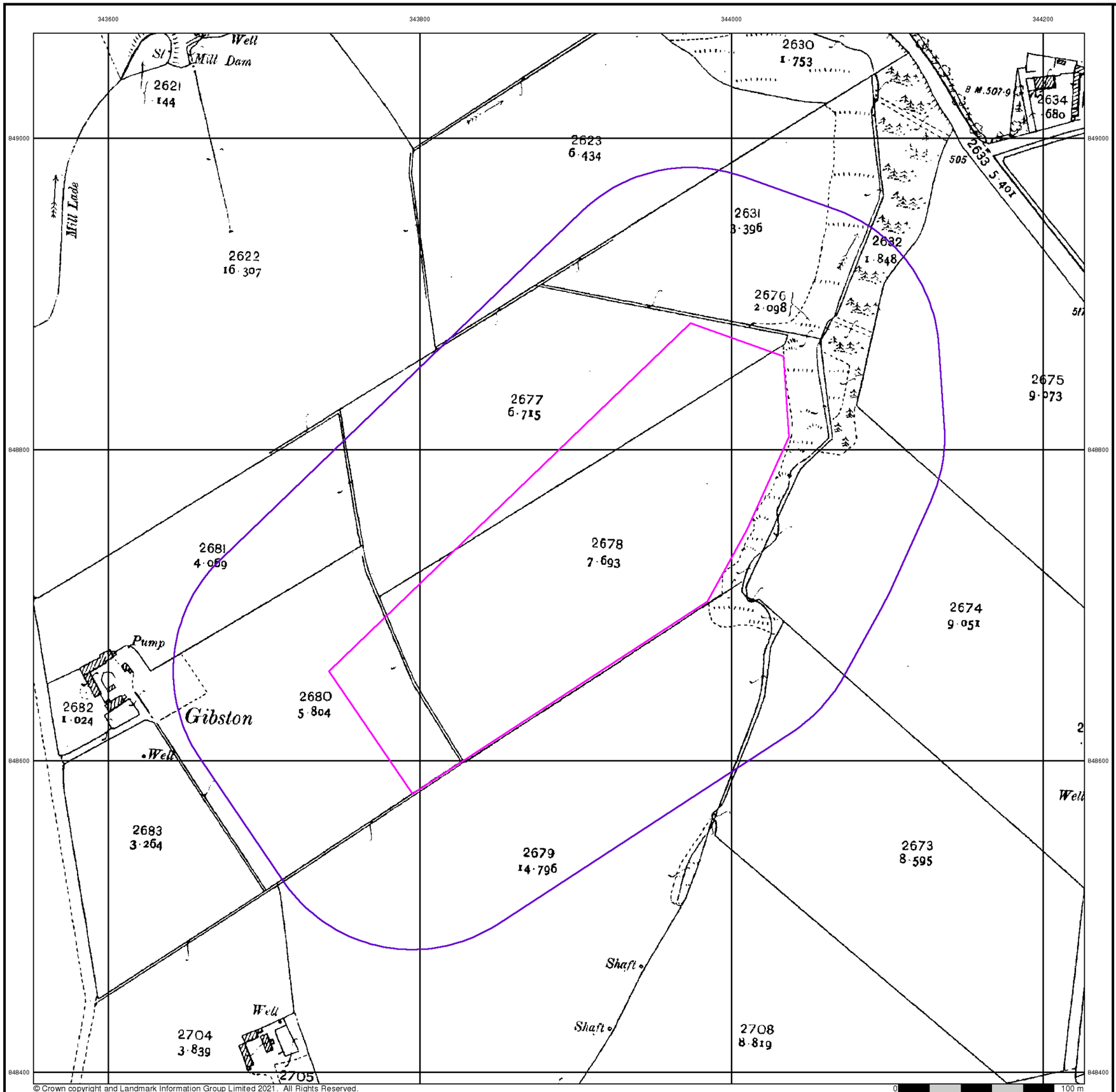

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Banffshire

Published 1905

Source map scale - 1:2,500

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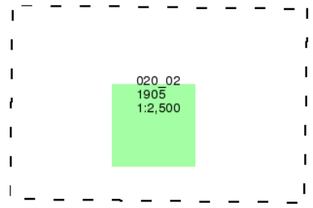

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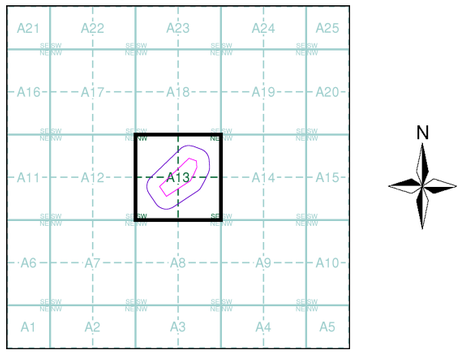

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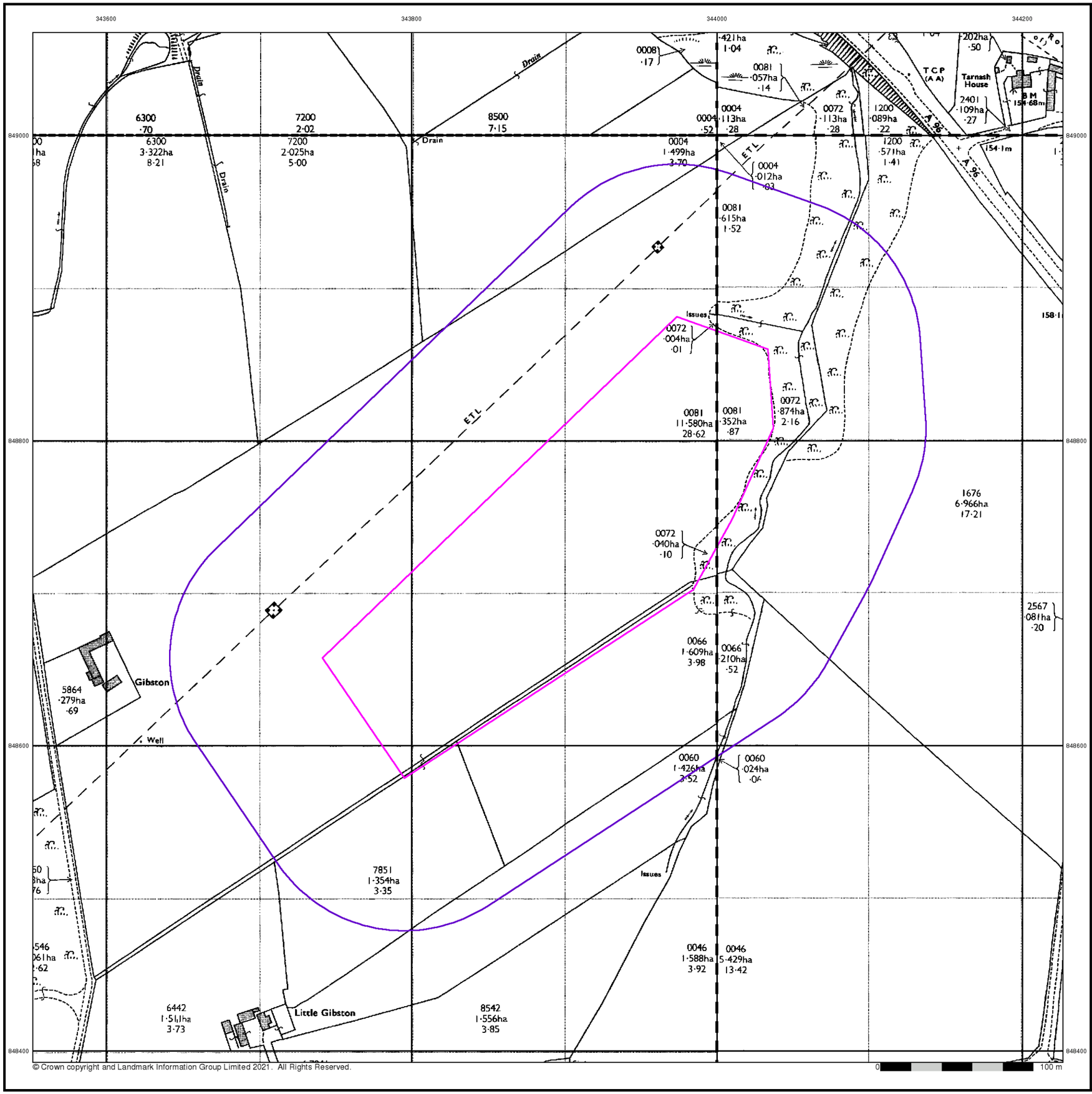

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Ordnance Survey Plan

Published 1964 - 1976

Source map scale - 1:2,500

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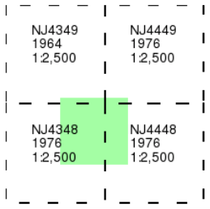
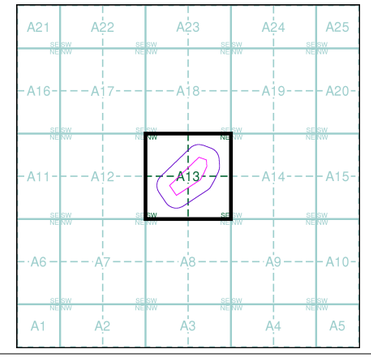
Map Name(s) and Date(s)



Historical Map - Segment A13



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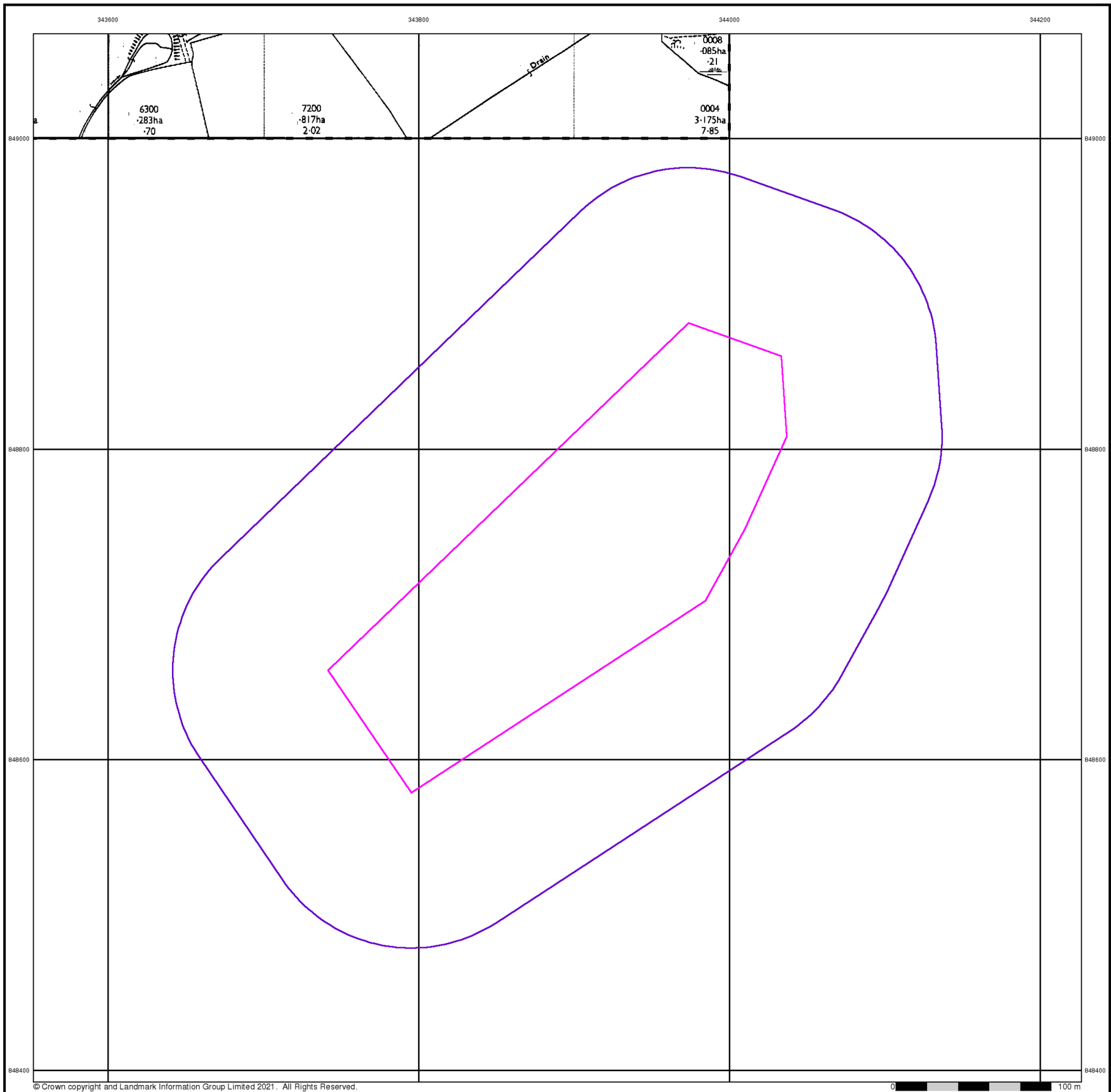

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Ordnance Survey Plan

Published 1978

Source map scale - 1:2,500

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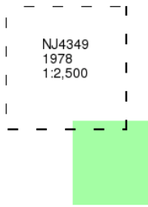
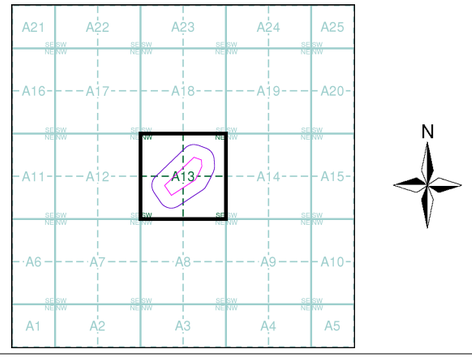


Historical Map - Segment A13



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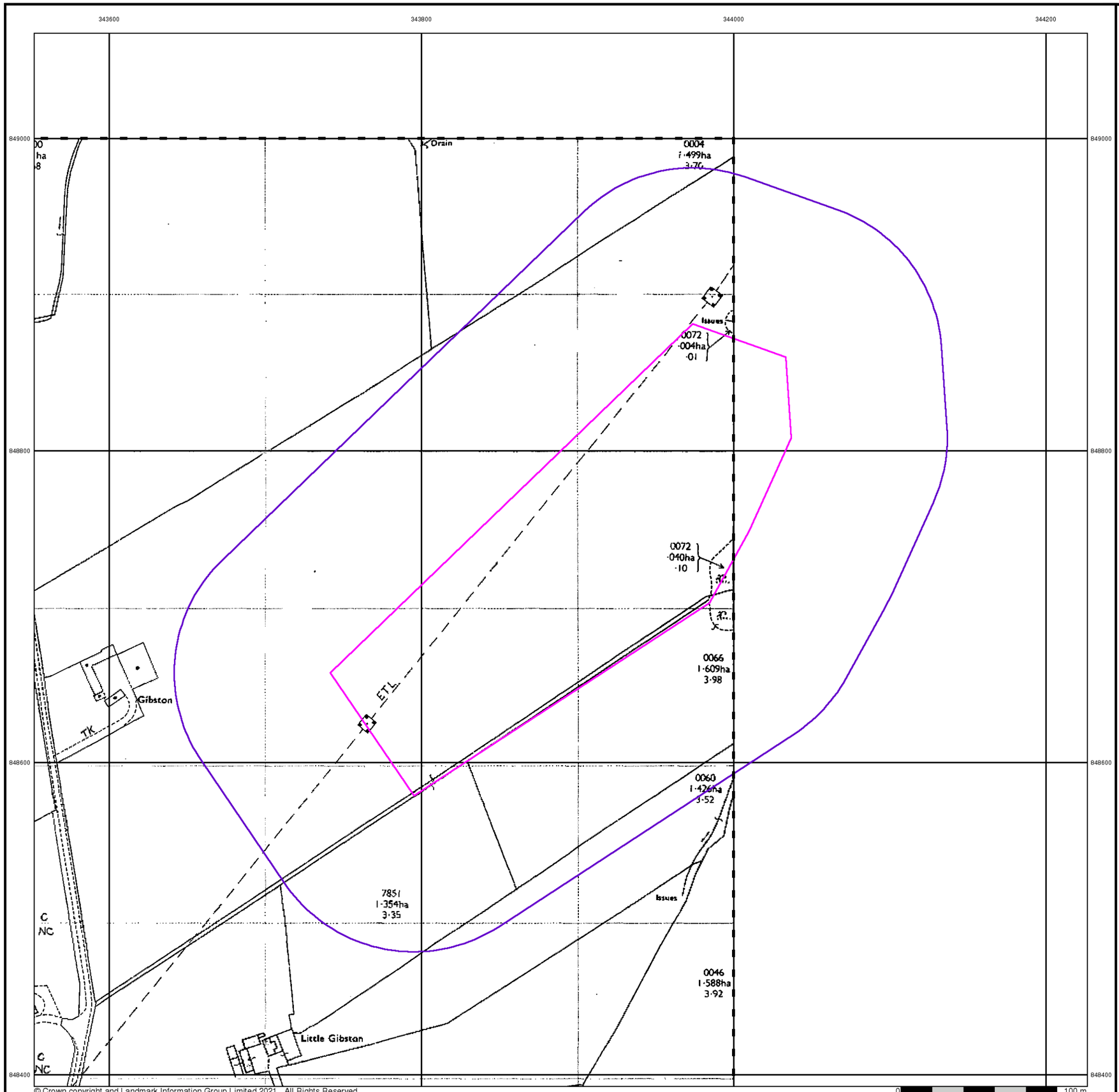

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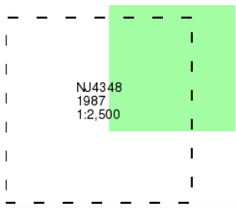
Additional SIMs

Published 1987

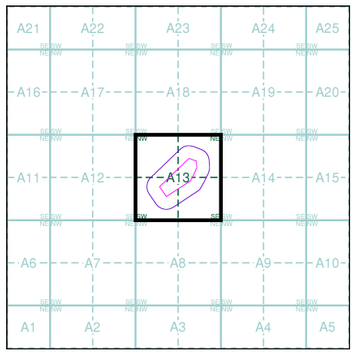
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



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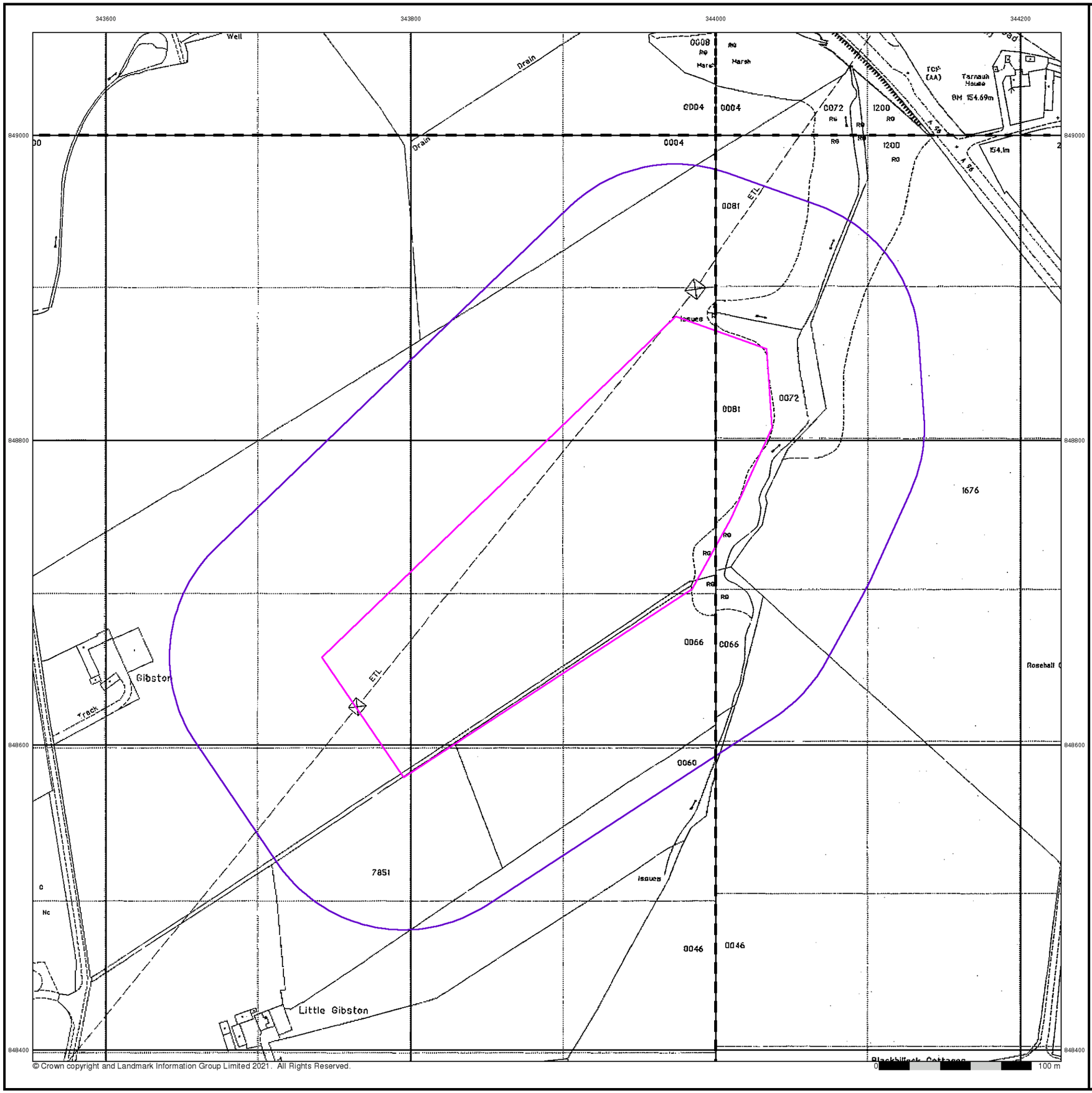

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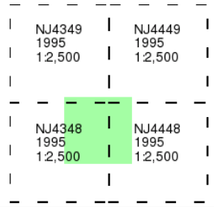
Large-Scale National Grid Data

Published 1995

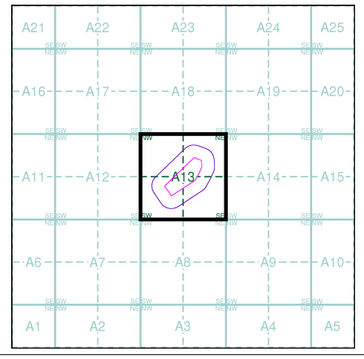
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	100

Site Details

Site at 343890, 848690

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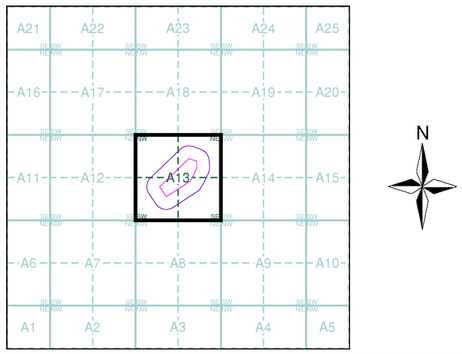
Historical Aerial Photography

Published 2005

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

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Historical Mapping Legends

Ordnance Survey County Series 1:10,560

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

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Pylon
Electricity Transmission Line
Sloping Masonry
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England only)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
MHW(S) Mean high water (springs)
MLW(S) Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
BM 123.45 m Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

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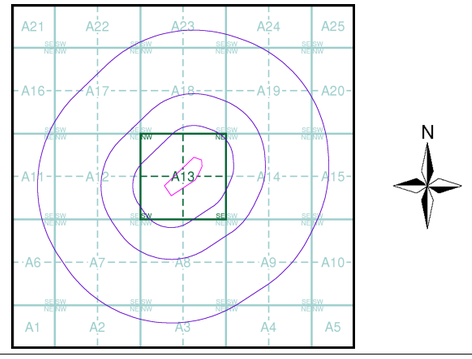
Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Banffshire	1:10,560	1872 - 1874	2
Aberdeenshire	1:10,560	1874	3
Elginshire	1:10,560	1874	4
Aberdeenshire	1:10,560	1902 - 1905	5
Banffshire	1:10,560	1905	6
Banffshire	1:10,560	1938	7
Ordnance Survey Plan	1:10,000	1959	8
Ordnance Survey Plan	1:10,000	1959	9
Ordnance Survey Plan	1:10,000	1979	10
Ordnance Survey Plan	1:10,000	1980 - 1981	11
Ordnance Survey Plan	1:10,000	1992	12
10K Raster Mapping	1:10,000	2000	13
10K Raster Mapping	1:10,000	2006	14
VectorMap Local	1:10,000	2021	15

Historical Map - Slice A



Order Details

Order Number: 283397708_1_1
Customer Ref: E12479
National Grid Reference: 343900, 848730
Slice: A
Site Area (Ha): 3.97
Search Buffer (m): 1000

Site Details

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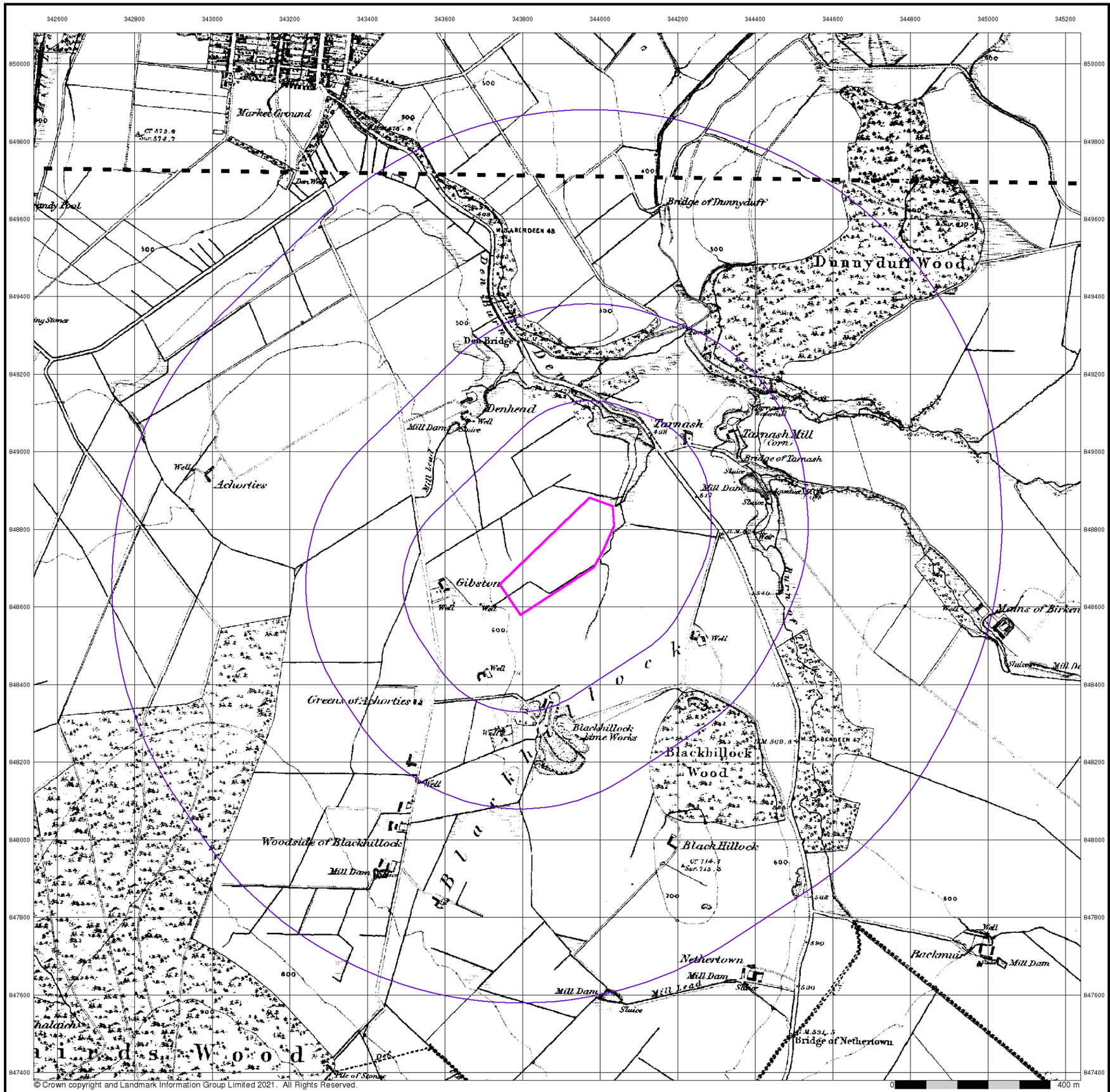

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Banffshire

Published 1872 - 1874

Source map scale - 1:10,560

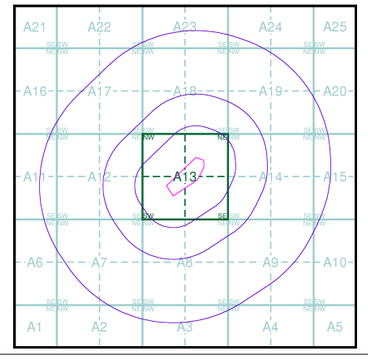
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some 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)

01400
1874
1:10,560

02000
1872
1:10,560

Historical Map - Slice A



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Order Details

Order Number:	283397708_1_1
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Site Area (Ha):	3.97
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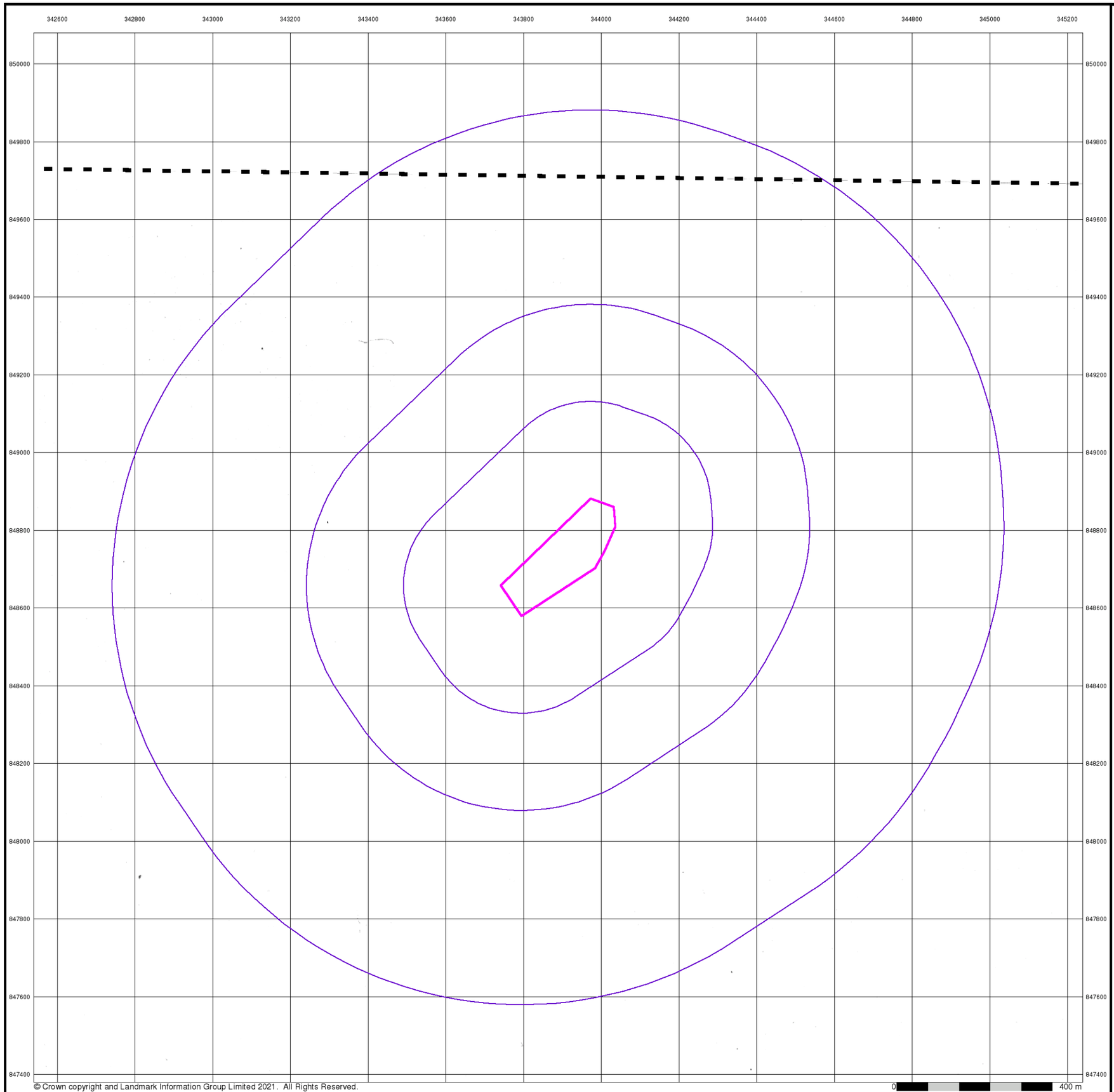

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Aberdeenshire

Published 1874

Source map scale - 1:10,560

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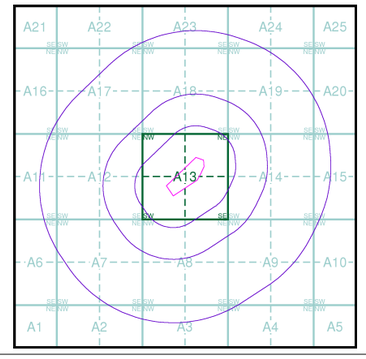
Map Name(s) and Date(s)

016A00
1874
1:10,560

01600
1874
1:10,560

Historical Map - Slice A



Order Details

Order Number:	283397708_1_1
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Site Area (Ha):	3.97
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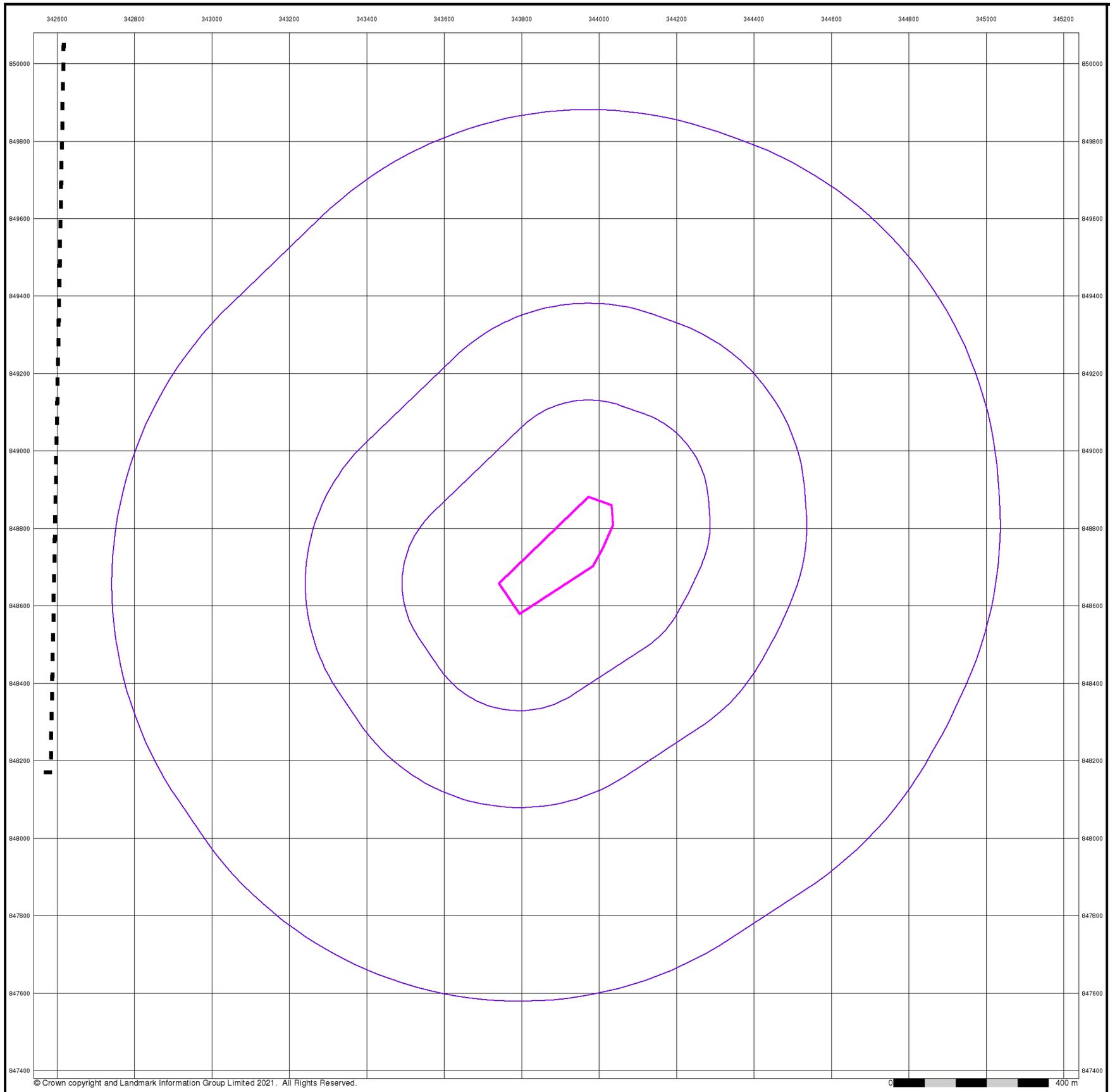

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Elginshire

Published 1874

Source map scale - 1:10,560

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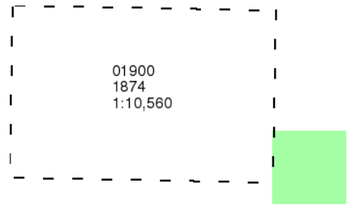
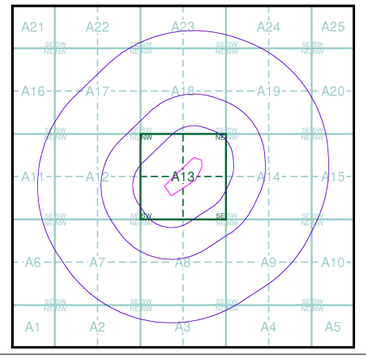


Historical Map - Slice A



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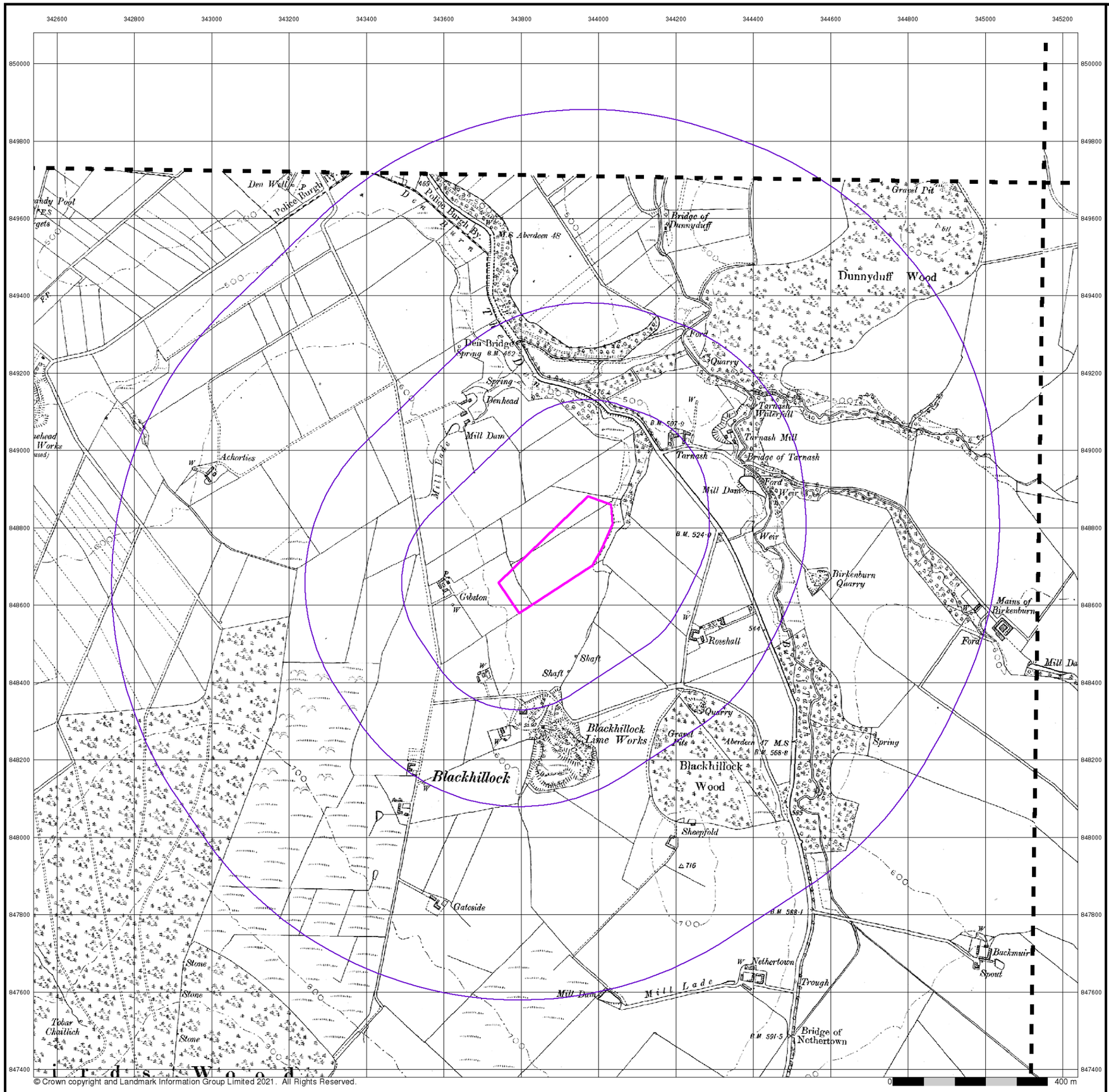

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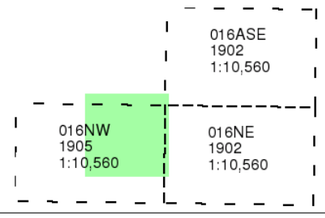
Aberdeenshire

Published 1902 - 1905

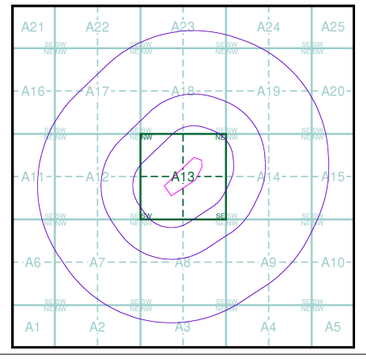
Source map scale - 1:10,560

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

Map Name(s) and Date(s)



Historical Map - Slice A



Order Details

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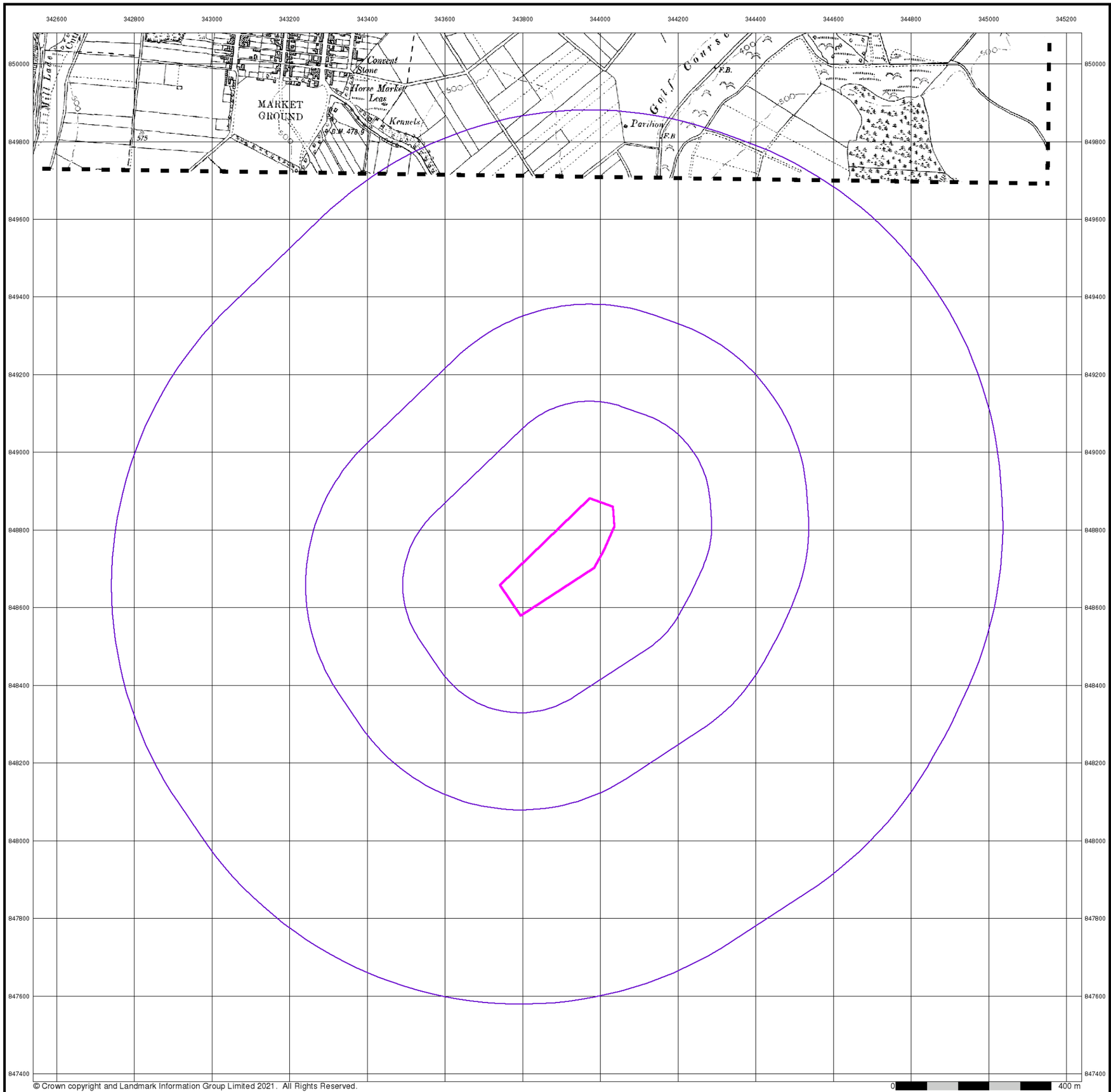

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Banffshire

Published 1905

Source map scale - 1:10,560

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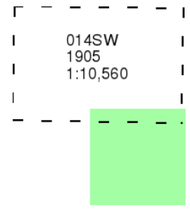
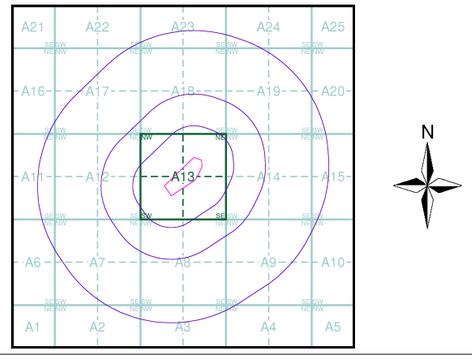
Map Name(s) and Date(s)



Historical Map - Slice A



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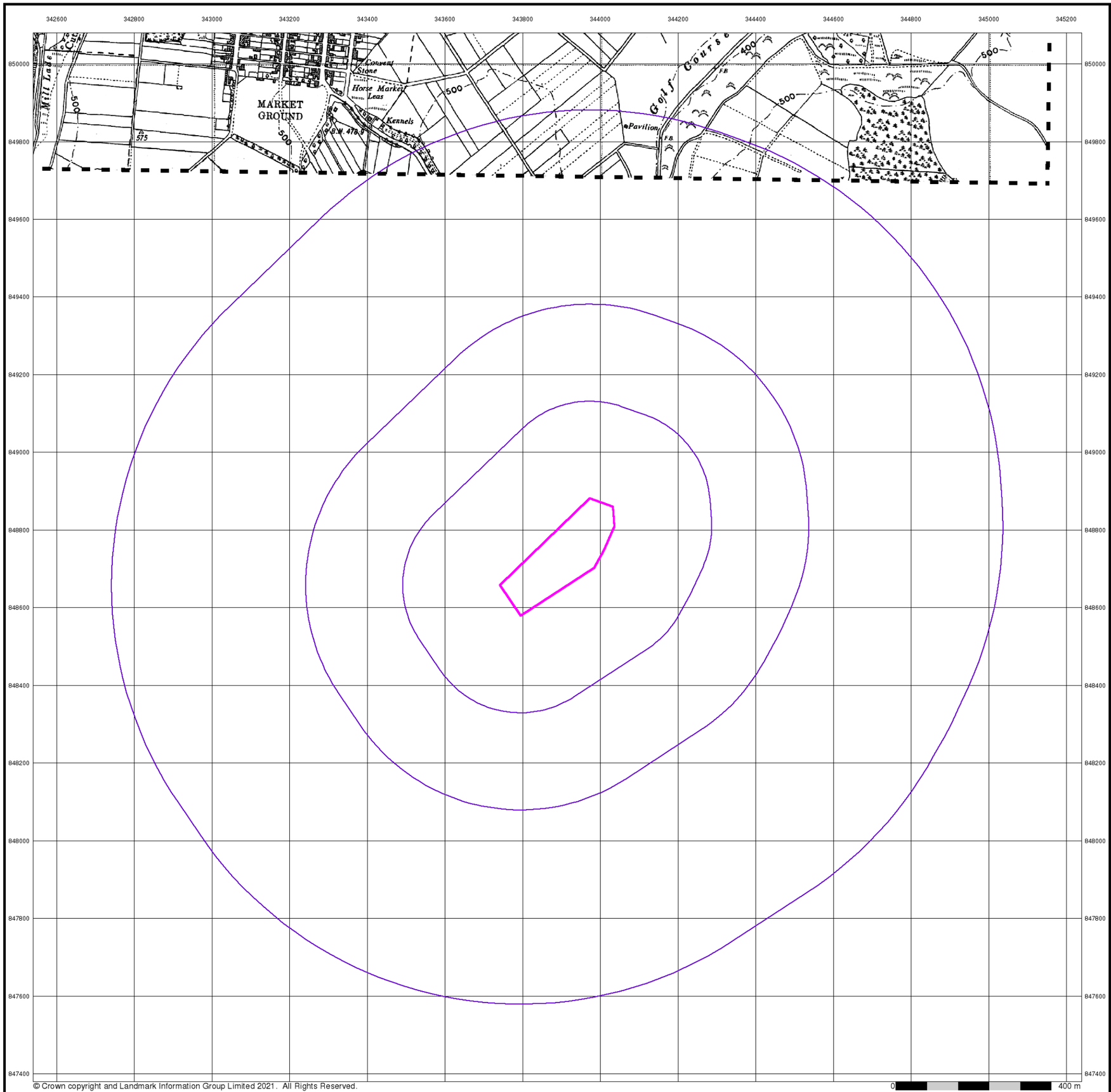

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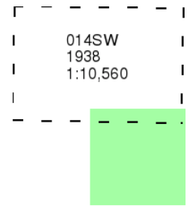
Banffshire

Published 1938

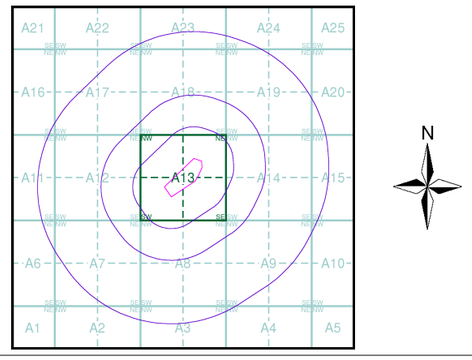
Source map scale - 1:10,560

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



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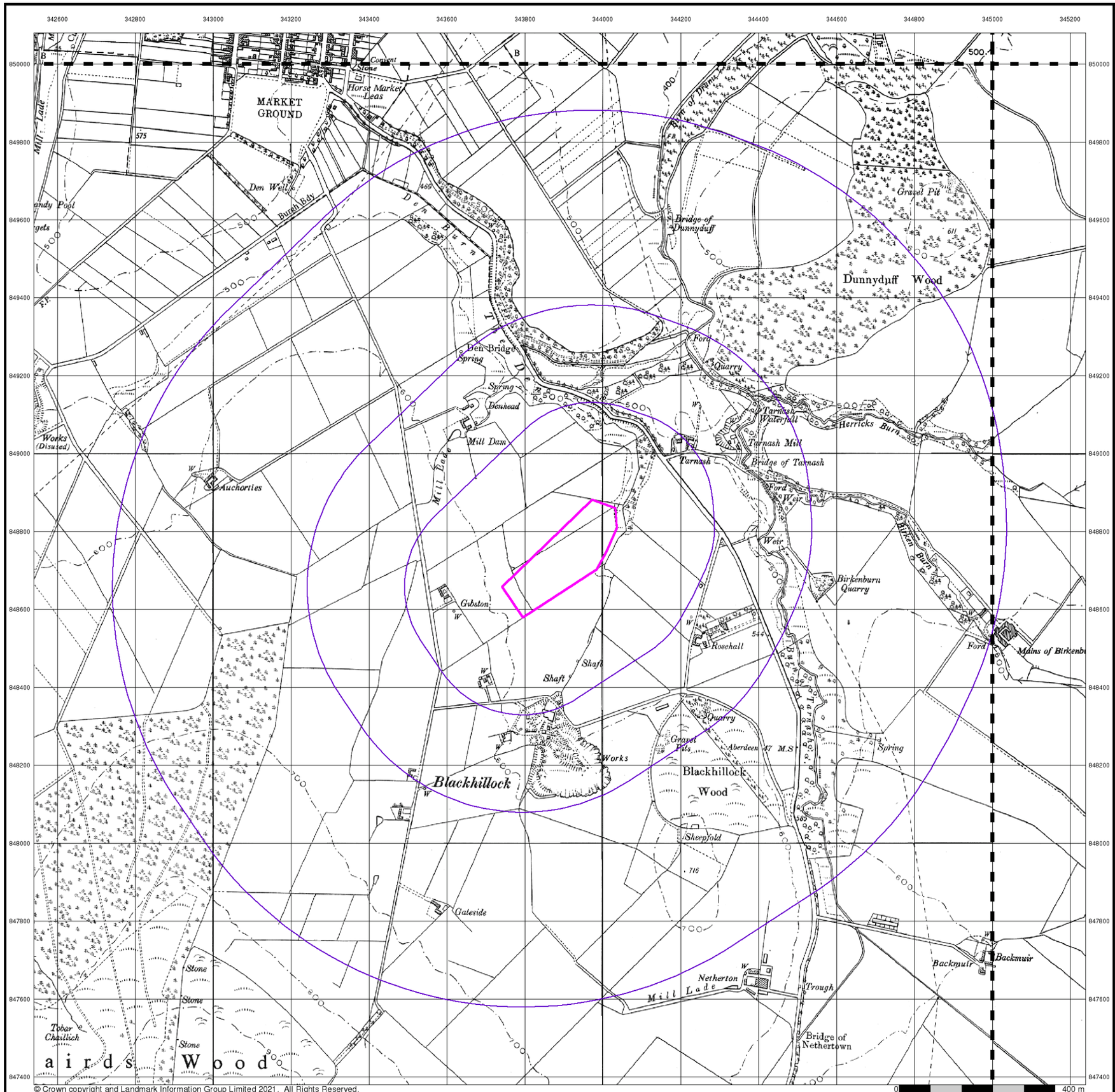

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Ordnance Survey Plan

Published 1959

Source map scale - 1:10,000

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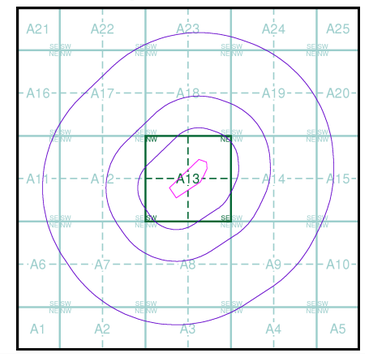
Map Name(s) and Date(s)

NJ45SW 1959 1:10,560	NJ45SE 1959 1:10,560
NJ44NW 1959 1:10,560	NJ44NE 1959 1:10,560

Historical Map - Slice A



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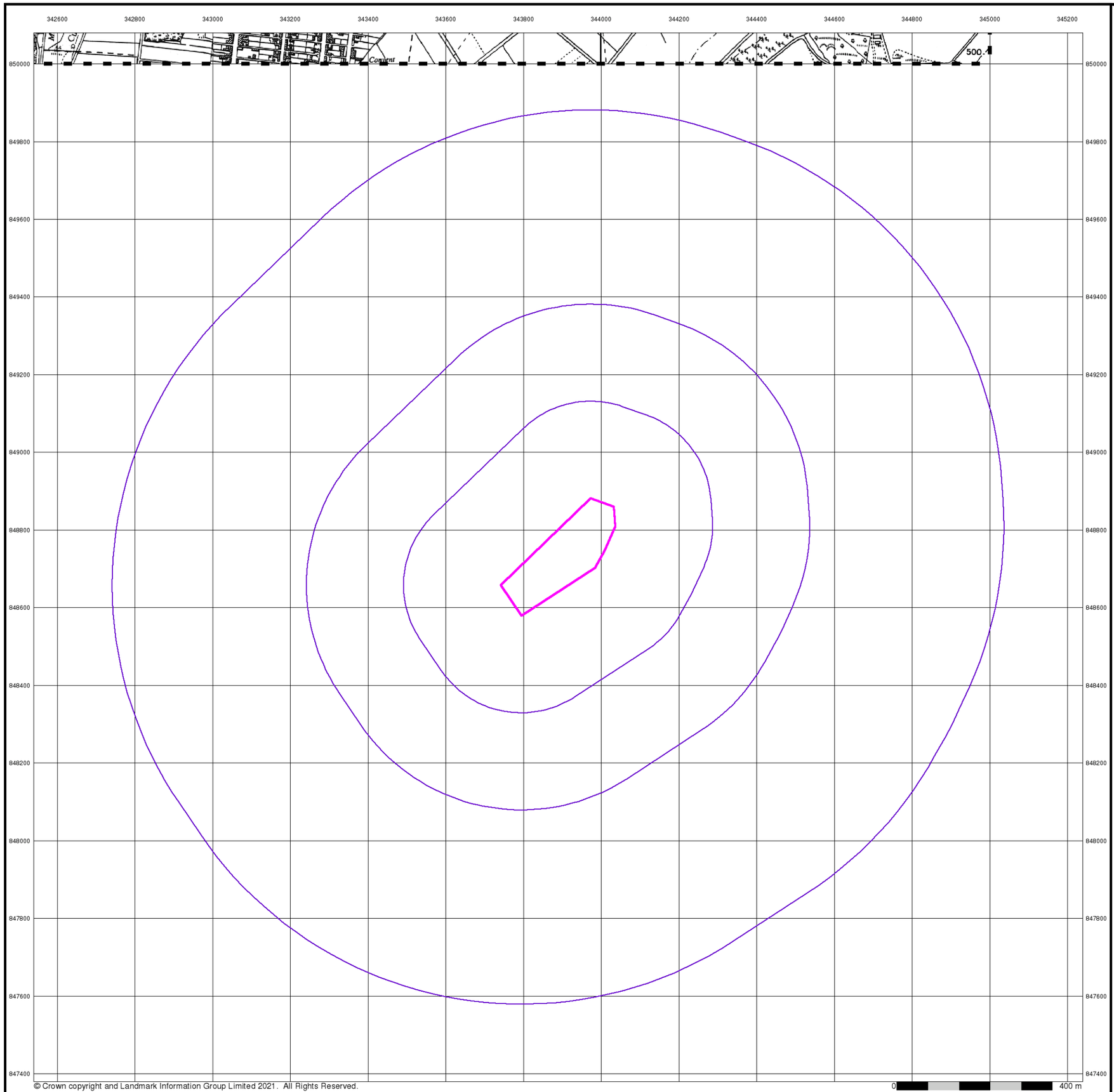

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Ordnance Survey Plan

Published 1959

Source map scale - 1:10,000

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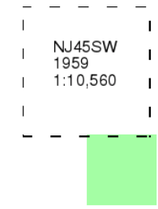
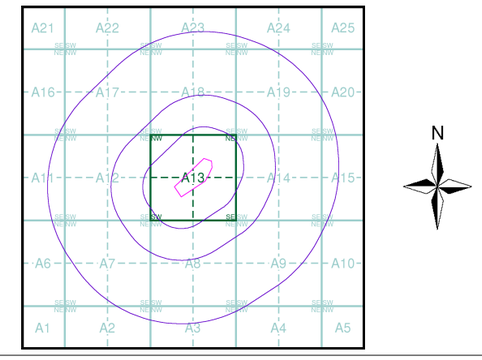


Historical Map - Slice A



Order Details

Order Number:	283397708_1_1
Customer Ref:	E12479
National Grid Reference:	343900, 848730
Slice:	A
Site Area (Ha):	3.97
Search Buffer (m):	1000

Site Details

Site at 343890, 848690

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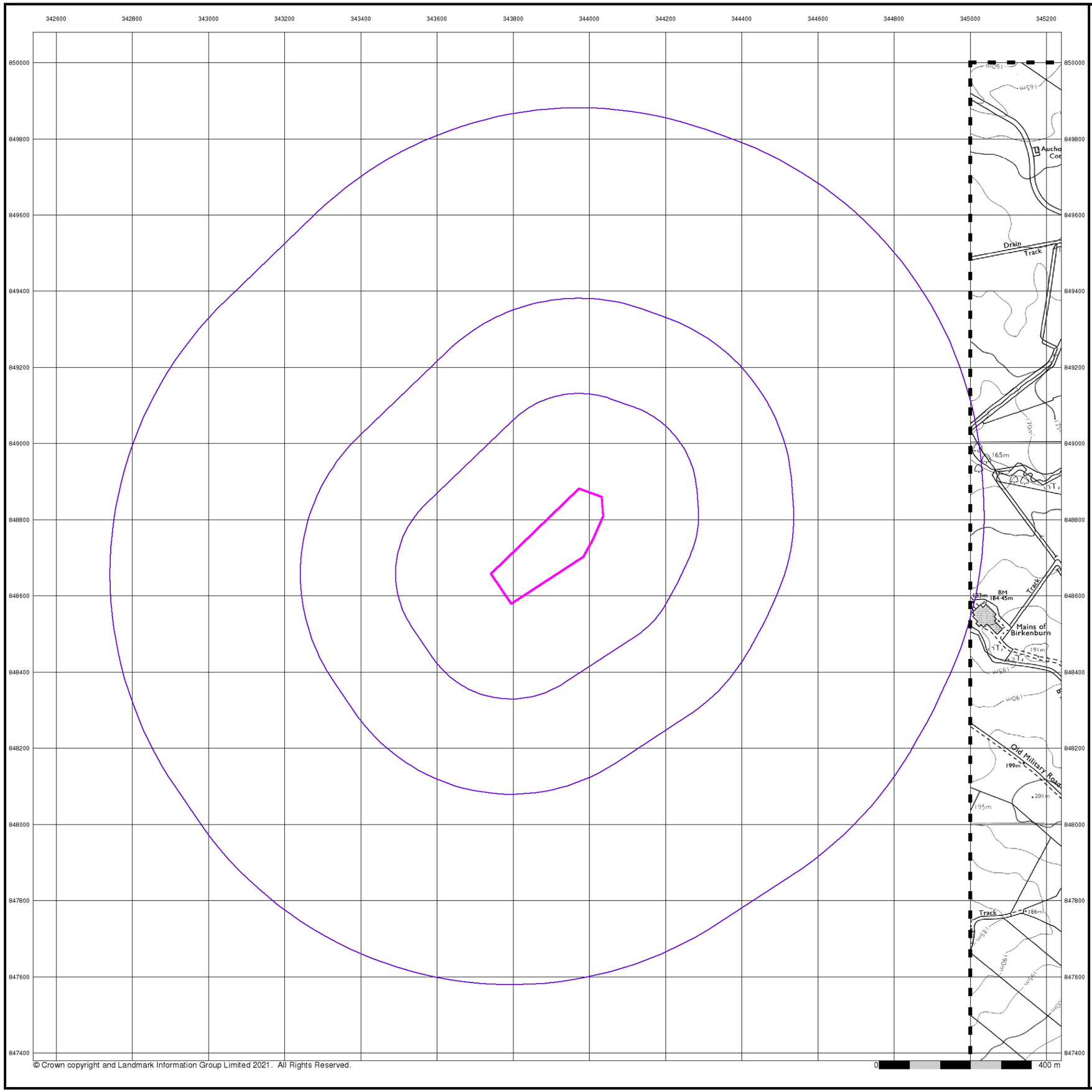

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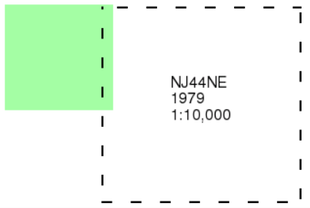
Ordnance Survey Plan

Published 1979

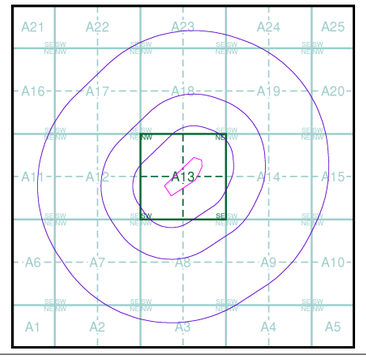
Source map scale - 1:10,000

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 A



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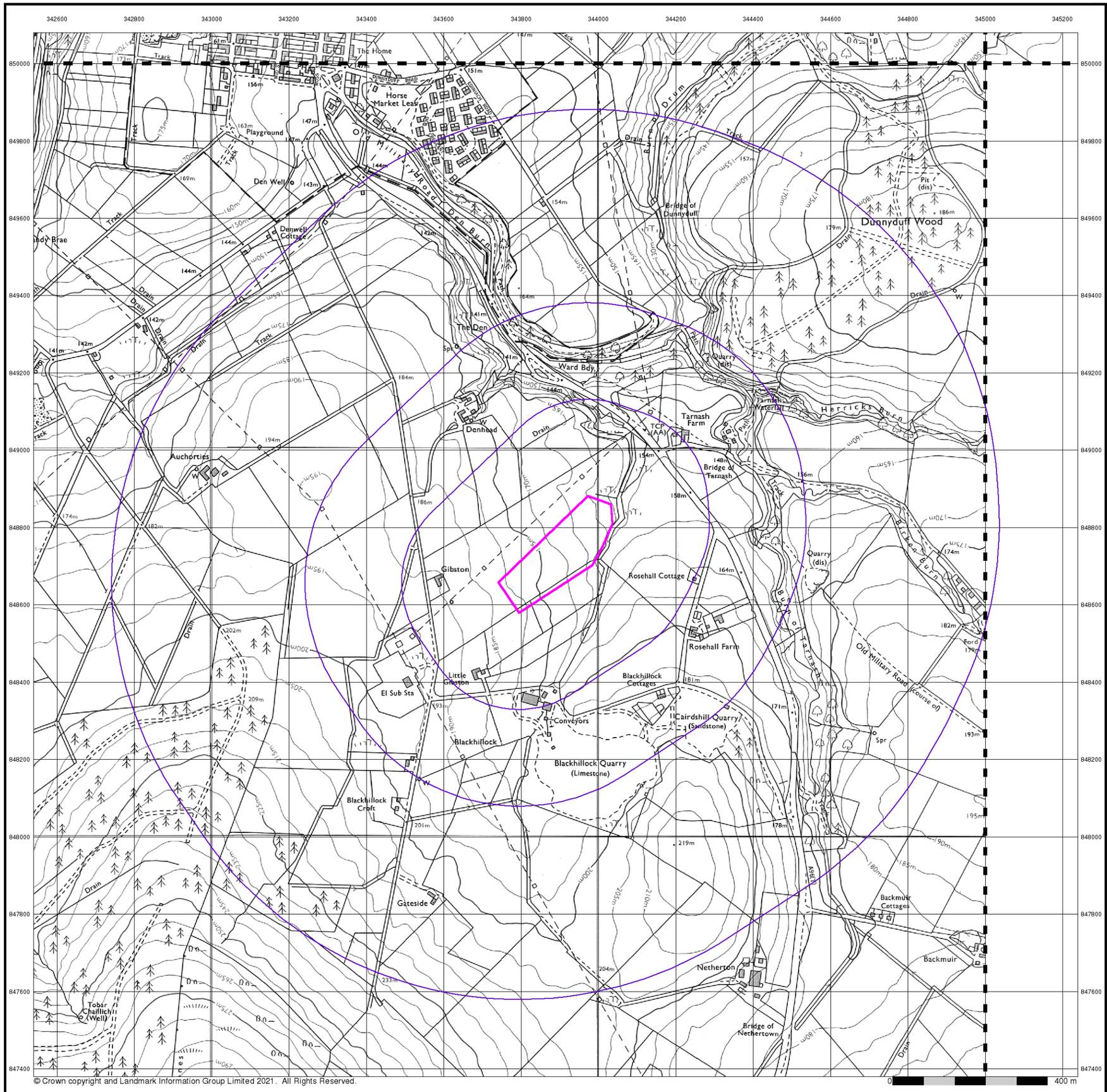

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Ordnance Survey Plan

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.

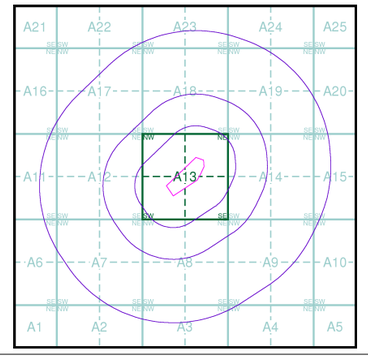
Map Name(s) and Date(s)

NJ45SW 1981 1:10,000

NJ45SE 1980 1:10,000

NJ44NW 1981 1:10,000

Historical Map - Slice A



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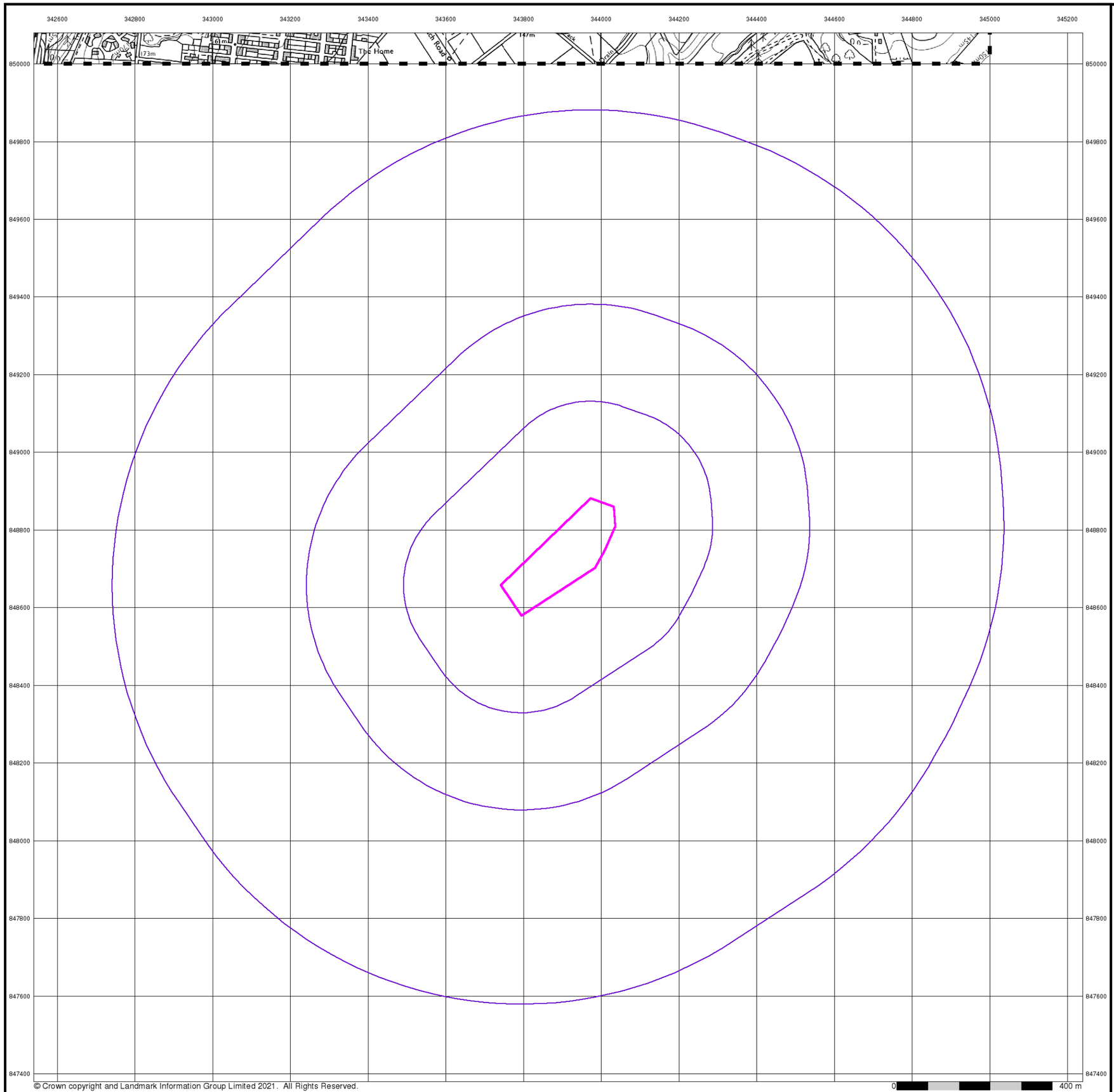

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Ordnance Survey Plan

Published 1992

Source map scale - 1:10,000

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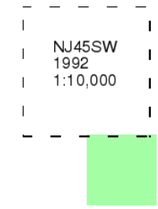
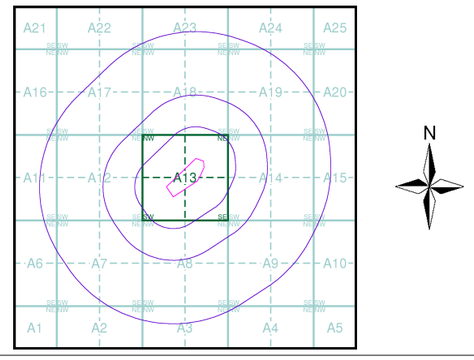
Map Name(s) and Date(s)



Historical Map - Slice A



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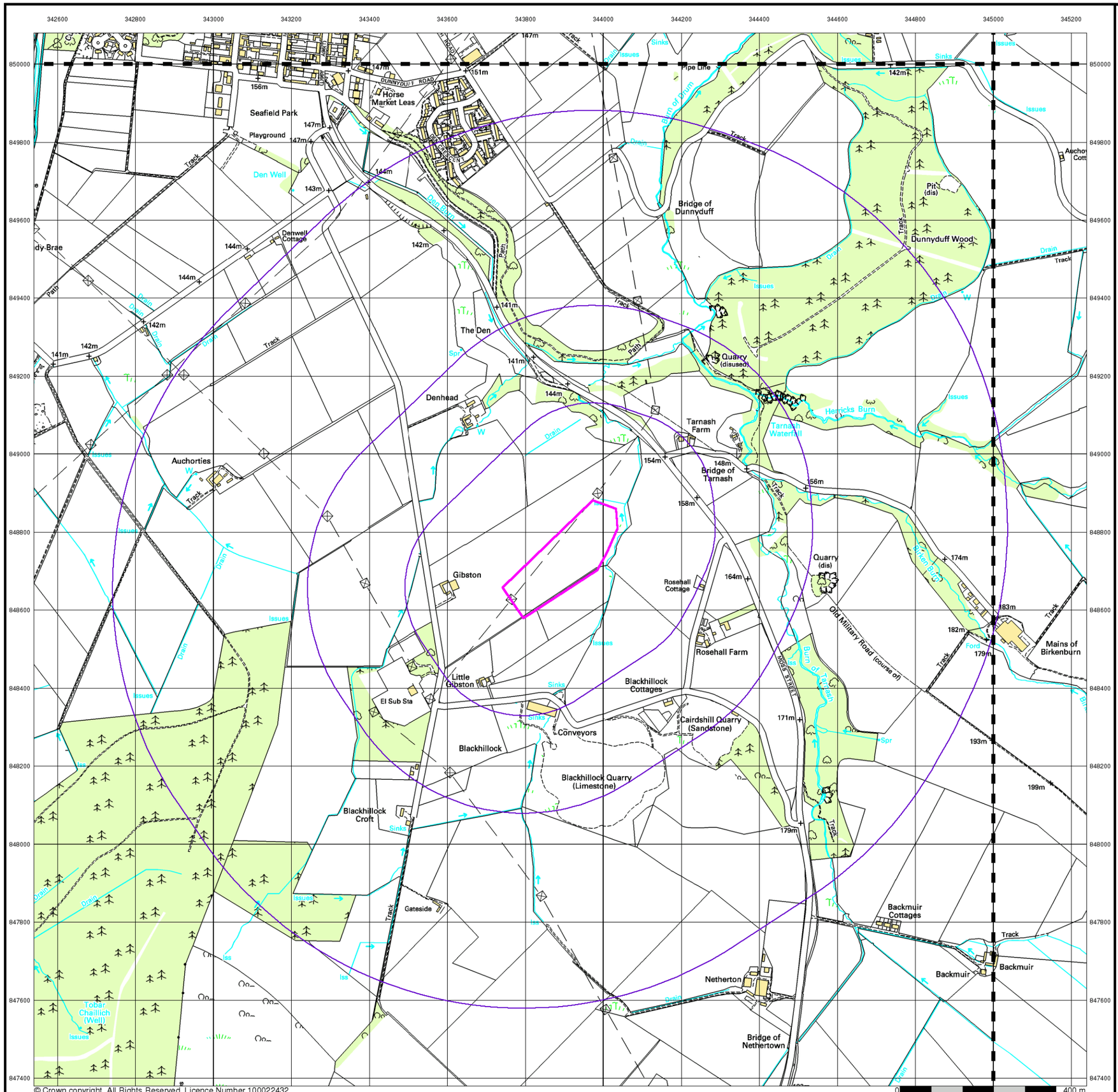

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10k Raster Mapping

Published 2000

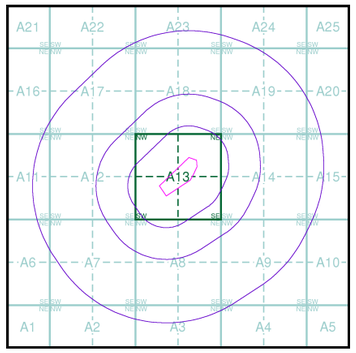
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NJ45SW 2000 1:10,000	NJ45SE 2000 1:10,000
NJ44NW 2000 1:10,000	NJ44NE 2000 1:10,000

Historical Map - Slice A



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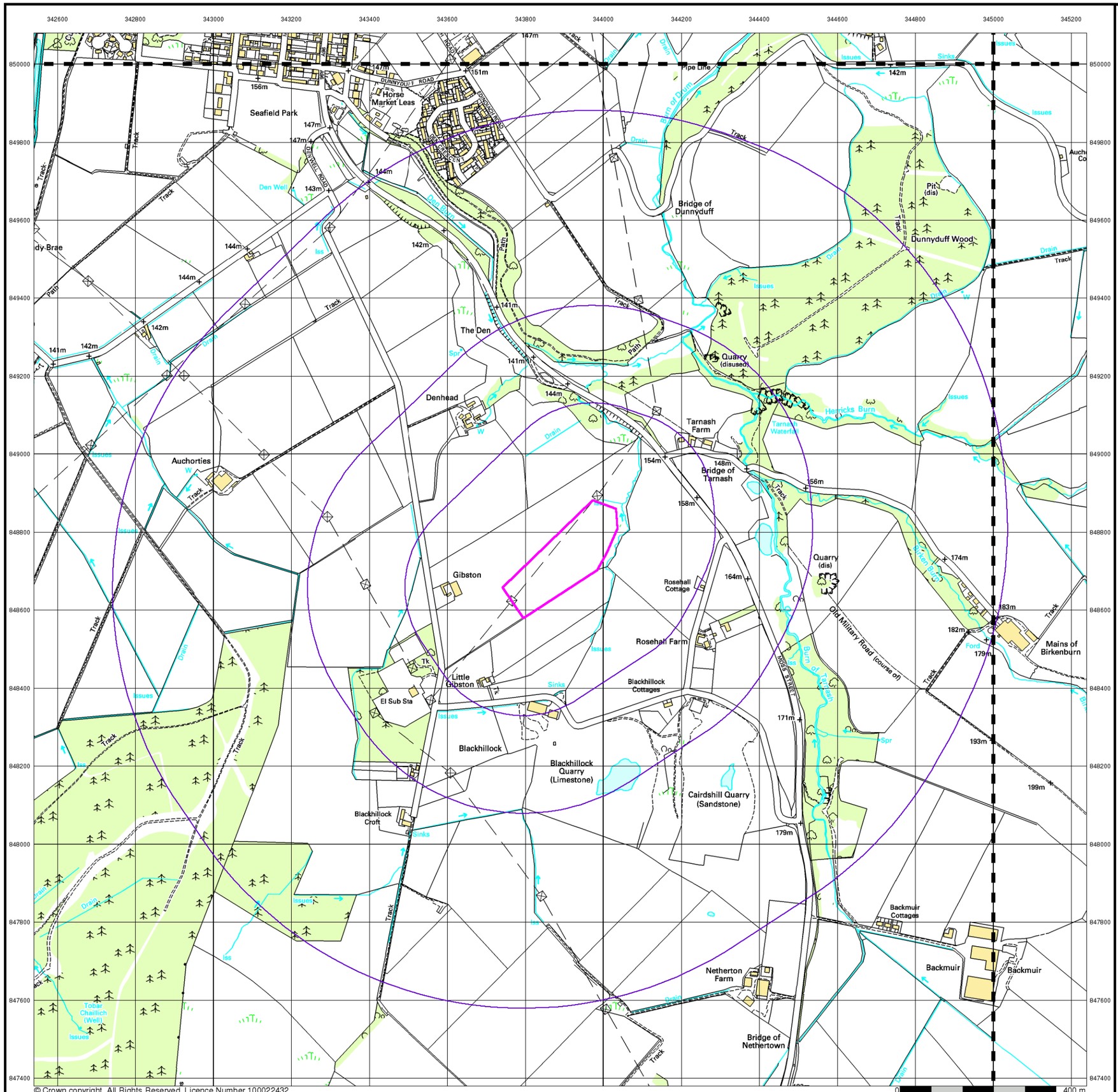

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10k Raster Mapping

Published 2006

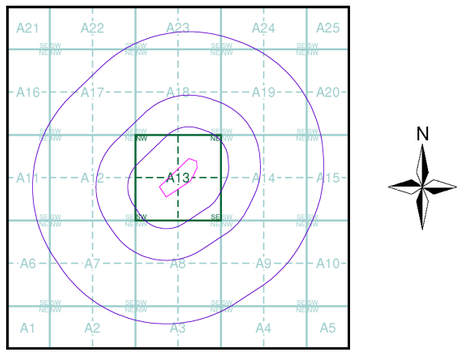
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NJ45SW 2006 1:10,000	NJ45SE 2006 1:10,000
NJ44NW 2006 1:10,000	NJ44NE 2006 1:10,000

Historical Map - Slice A



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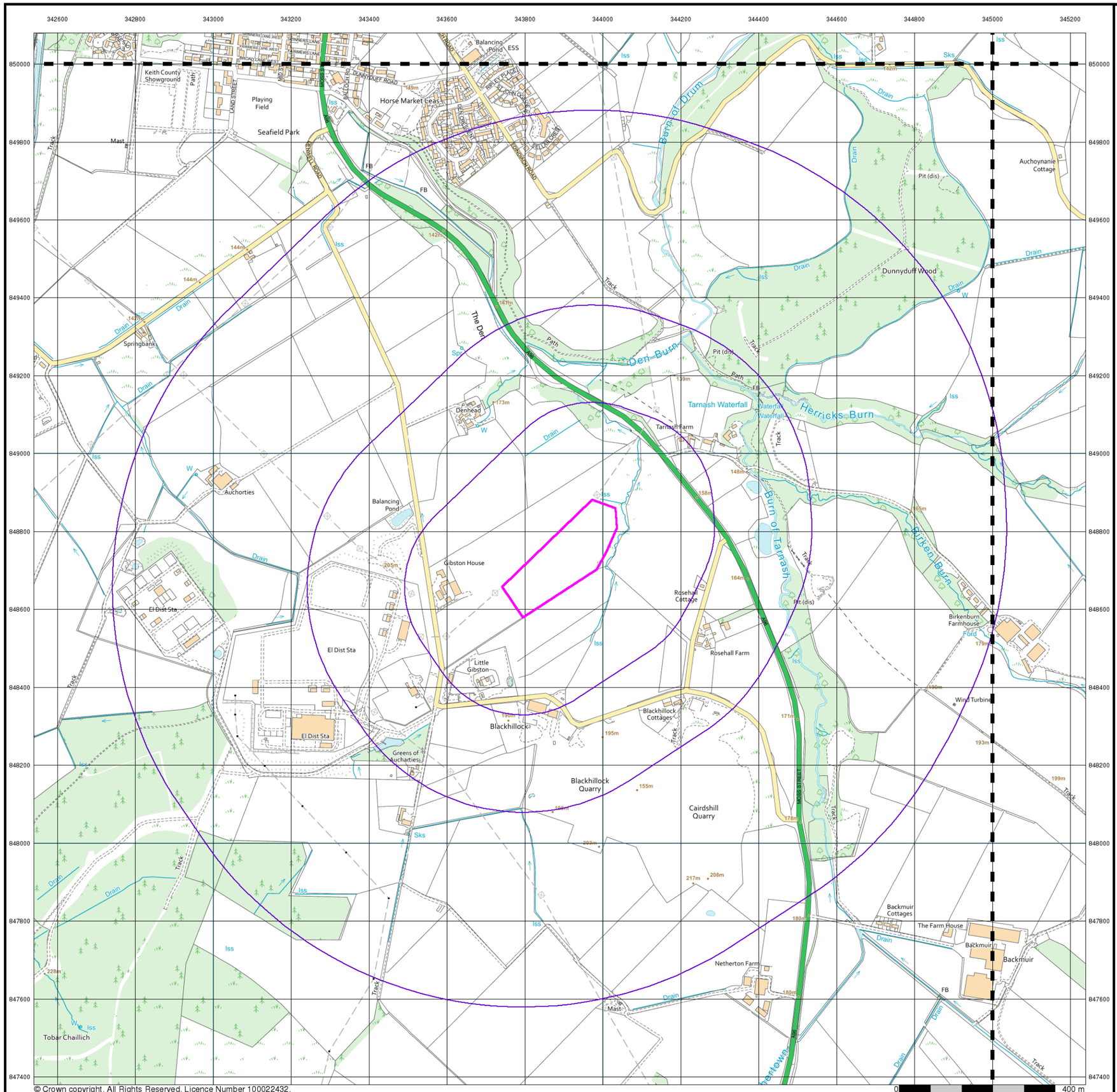

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VectorMap Local

Published 2021

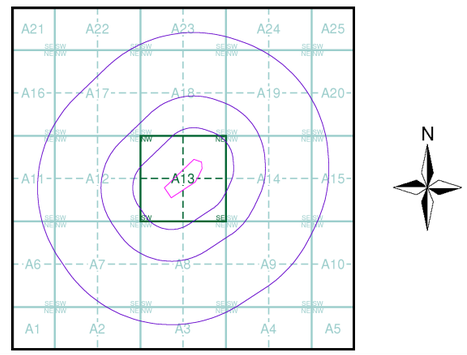
Source map scale - 1:10,000

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

Map Name(s) and Date(s)

NJ45SW 2021 Variable	NJ45SE 2021 Variable
NJ44NW 2021 Variable	NJ44NE 2021 Variable

Historical Map - Slice A



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