

BLACKFORD RENEWABLES LIMITED

BLACKFORD ENERGY PARK ROTHIENORMAN ABERDEENSHIRE



DESK STUDY CONSTRAINTS REPORT

E12482 SR/NJH

April 2025

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1.0 INTRODUCTION

Blackford Renewables Limited are assessing the development potential of an area of currently grassed and agricultural land located a little over two kilometres to the west of the village of Rothienorman, Aberdeenshire, Appendix A. The site, which would be developed as a battery site, slopes gently towards the north-east and east and is situated within a broadly rural setting. A large electricity sub-station facility (Rothienorman substation) is located to the west, however.

Blackford Renewables Limited therefore propose to erect a 500MW BESS (Blackford Energy Park) and associated infrastructure which would be utilised to provide energy to the National Grid as part of the Dynamic Firm Frequency Response network.

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.

A constraints report was previously prepared in August 2021, however, since this time the proposed development area has been amended and as such this current report has been prepared to allow an assessment of the site boundary now proposed.

This report has been prepared for the exclusive use of Blackford Renewables 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 Blackford Renewables 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 14.46Ha in area with its centre at approximate National Grid Reference (NGR) 369550, 835400, and is located a little over two kilometres to the west of the village of Rothienorman, Aberdeenshire, 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 gently towards the north-east and east from around 162mAOD on its western portion to 142mAOD on its north-eastern edge. An elongated area of that which would be used to access the site slopes southwards from the main site where it meets an unnamed road at 137mAOD, a little to the east of a house, Middleton Grange.

The site extends over three field boundaries and is bounded by agricultural grazing and arable land to the north, east and south-east. A wooded area (Wood of Middleton) is located to the south-west whilst a large electrical sub-station site (Rothienorman Substation) and associated pylons, is present in the area to the west. A hedge is present between the site and the sub-station site.



Photo 1: Looking south across Rothienorman sub-station site. Subject site to east of this.

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, albeit the south-western portion was formerly wooded. Land surrounding the site has also remained undeveloped in in agricultural use although in the last five years a large electrical substation site was established to the west.

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
1871-1873 (1:10,560 & 1:2,500)	South-western portion of site forms part of a treed area referred to Wood of Middleton.	Further wooded areas and agricultural land with scattered farmsteads were present in the wider surrounding area. A large manor house (Blackford) and associated grounds, including a small reservoir, were present 700m to the east, with a smaller dwelling (Westfield) present 250m to the north. An area of marshland, Moss of Redhill was present 800m to the west. Road present to the south as at the present time.
1901 (1:10,560 & 1:2,500)	Little significant change.	Gravel pit present 200m to the east.
1959 (1:10,000)	Trees removed from south-western portion of site. Pole mounted electrical cable crosses the elongated southern part of the site.	Additional trees removed from wooded areas in the general vicinity. Pole mounted electrical cables present 250m to the west.
1977-1984 (1:10,000 & 1:2,500)	Little significant change.	Drain indicated to be present 200m to north the site, reservoir at Blackford to east no longer present.
1995 – 2000 (1:10,000 & 1:2,500)	Cable across southern area now supported by pylons, although these do not encroach into site.	Poles supporting cables replaced by pylons to the west. Cottages established adjacent to the road to the south-west and south-east of the site boundary.
2006 (1:10,000 & 1:2,500)	Little significant change	Little significant change
2024 (1:10,000)	Little significant change	Electrical substation (Rothienorman substation) established on site to west.

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 which may be 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.

Drift thickness beneath the site is not known with any certainty however bedrock is associated with higher ground to the north, north-east and further to the south. Drift thickness is therefore unlikely to exceed 5.0m.

4.2. Solid Geology

The site, in common with much of the surrounding area is underlain by psammities and pelites of the Southern Highland Group. These are sedimentary rocks formed in deep seas which have been subject to low grade metamorphism over 500million years ago.

4.3. Mineral Stability

The site is not located within a defined Coal Authority mining reporting area.

Given the absence of economic mineral seams the mineral stability of the site is 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 there are no quarrying activities located within the site boundary. Two small gravel pits were however present at Blackford 250m to the east.

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 a lower probability radon area, as less than 1% of homes have the potential to be above the action level, and as such no protection measures are necessary in the construction of new development at this site.

4.6. Hydrology

The nearest surface water feature in the vicinity of the site is the small drain located to the north and east. This feeds into a network of drainage channels which subsequently flow towards the south-east and into the Black Burn to the south.

Based upon the local topography any surface water on the site would be expected to flow towards the north-east and south-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 these directions and, ultimately the Black Burn further south. 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.

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.

The Black Burn located further to the south of the site is potentially prone to flooding however this is highly localised and does not impact upon the subject site.

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 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. It is noted that small well is located to the north-west. This is presumably for local usage or for livestock as it is unlikely to generate a significant volume of water given the nature of the bedrock in the area and may be associated with the drain to the north.

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.

Notwithstanding the foregoing, 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 500m.

- 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 residential septic tanks to the south-east and west of the site. Other discharge consents also associated with septic tanks are present on farmsteads within the wider area.

None of the activities identified in the archive are 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 utilities infrastructure is not present within the site boundary, with very little recorded infrastructure located in the area in general.

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.

Overhead transmission lines and cables associated with Scottish and Southern's (SSE) infrastructure are present to the south and west of the site with an electrical substation site present to the west of the subject site. It would be necessary track under the cables located to the south during construction and cognisance of the requirements when working around overhead cables would need to be taken.

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 nature of the development proposed and associated design loadings is not currently known. Notwithstanding this, the glacial materials at the site would be expected to provide the bearing capacities necessary to support the battery development and associated infrastructure proposed.

Given the gently 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. Based upon information on SSE website the substation site to the west utilised the excavated and crushed rock materials generated on this site for levelling earthworks. It is likely, therefore, subject to site investigation works, that similar materials would be available within the sub site currently under consideration.

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.

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 two kilometres to the west of Rothienorman, Aberdeenshire.

The site is proposed for the erection of a 500MW BESS (Blackford Energy Park) and associated infrastructure.

Competent glacial soils are expected to be present below topsoil in this area, with information from an adjacent site suggesting the 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.

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. Investigations to assess mineral stability are not required.

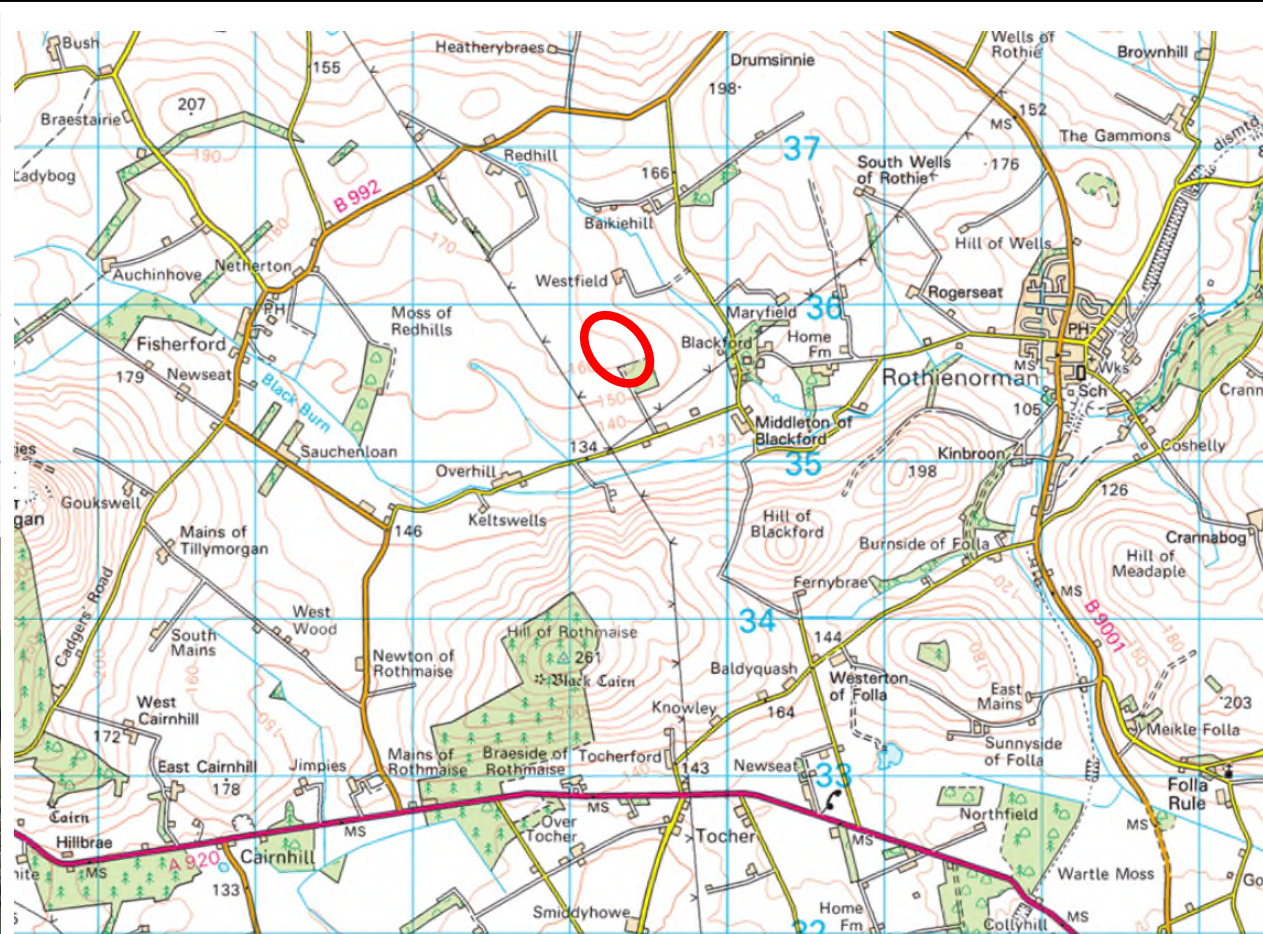
Author: S. Ryce	Checked: N. Henderson	Approved: N. Henderson
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APPENDIX A

SITE LOCATION PLANS



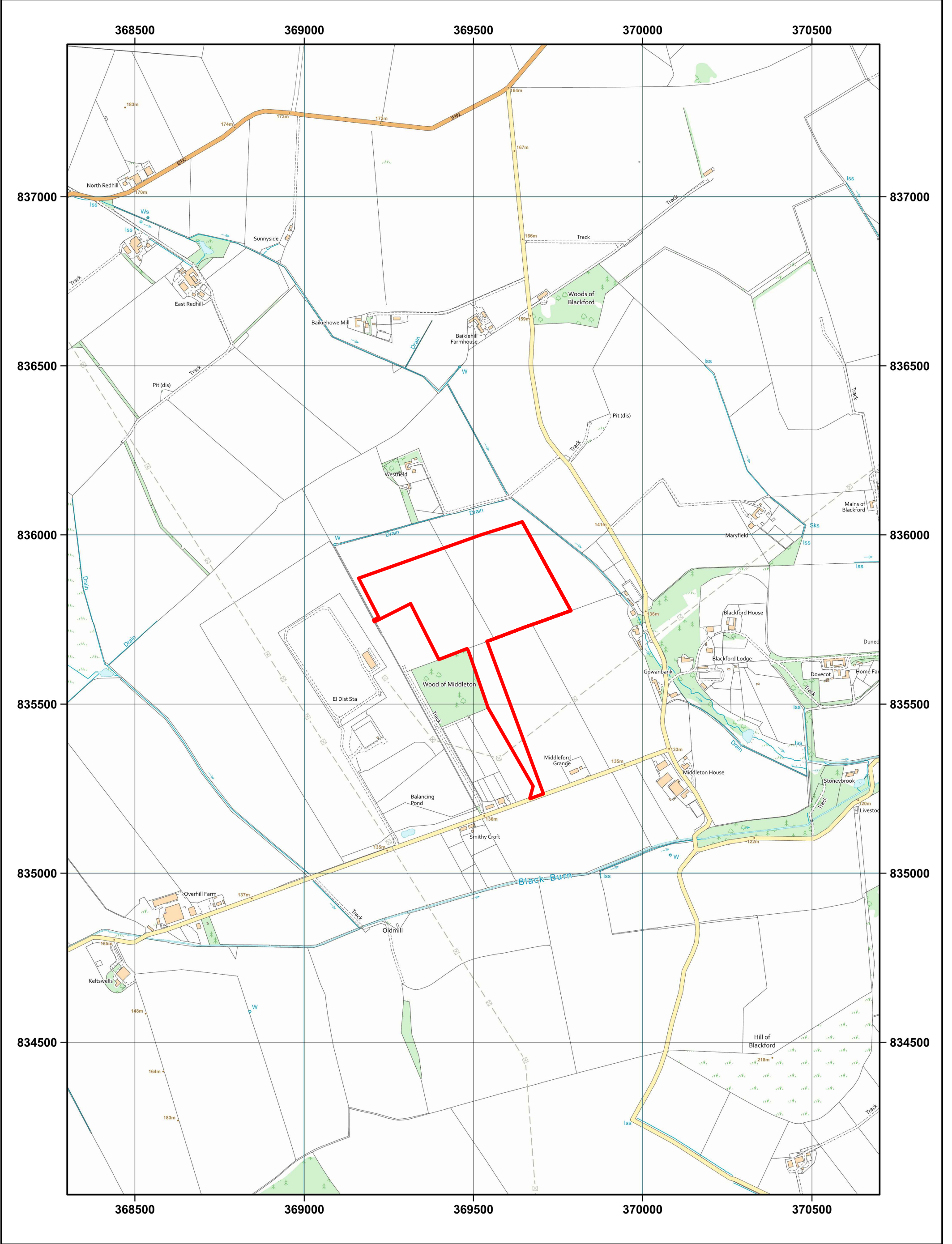
SITE LOCATION PLAN

ROTHIENORMAN

E12482

**DAVID R MURRAY & ASSOCIATES
CONSULTING ENGINEERS**



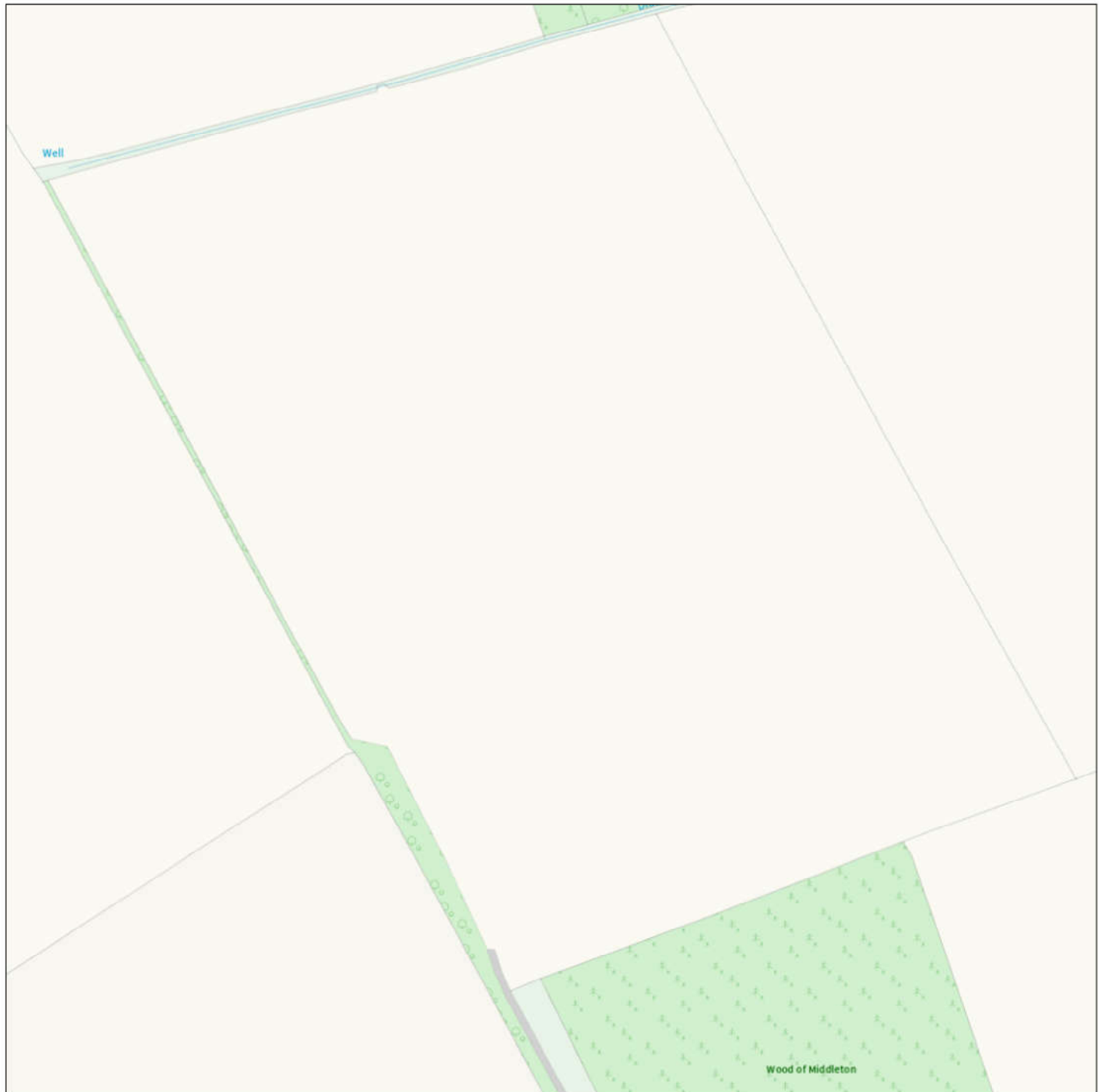


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APPENDIX B

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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KEY TO BT SYMBOLS

	Planned	Live	Change Of State	+	Hatchings	
PCP			Split Coupling		Built	
Pole			Duct Tee		Planned	
Box			Building		Inferred	
Manhole			Kiosk		Duct	
Cabinet			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 : KXH11198Q

Map Reference : (centre) NJ6931935798

Easting/Northing : (centre) 369319,835798

Issued : 16/08/2021 23:19:46

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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All areas

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All areas

Date Requested: 16/08/2021
Job Reference: 22998947
Site Location: 369313 835814
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
Rothienorman

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Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
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Low Pressure Mains

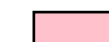
Medium Pressure Mains

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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Medium Pressure Mains 
Intermediate Pressure Mains 
High Pressure Mains 
LAs 
GTs 

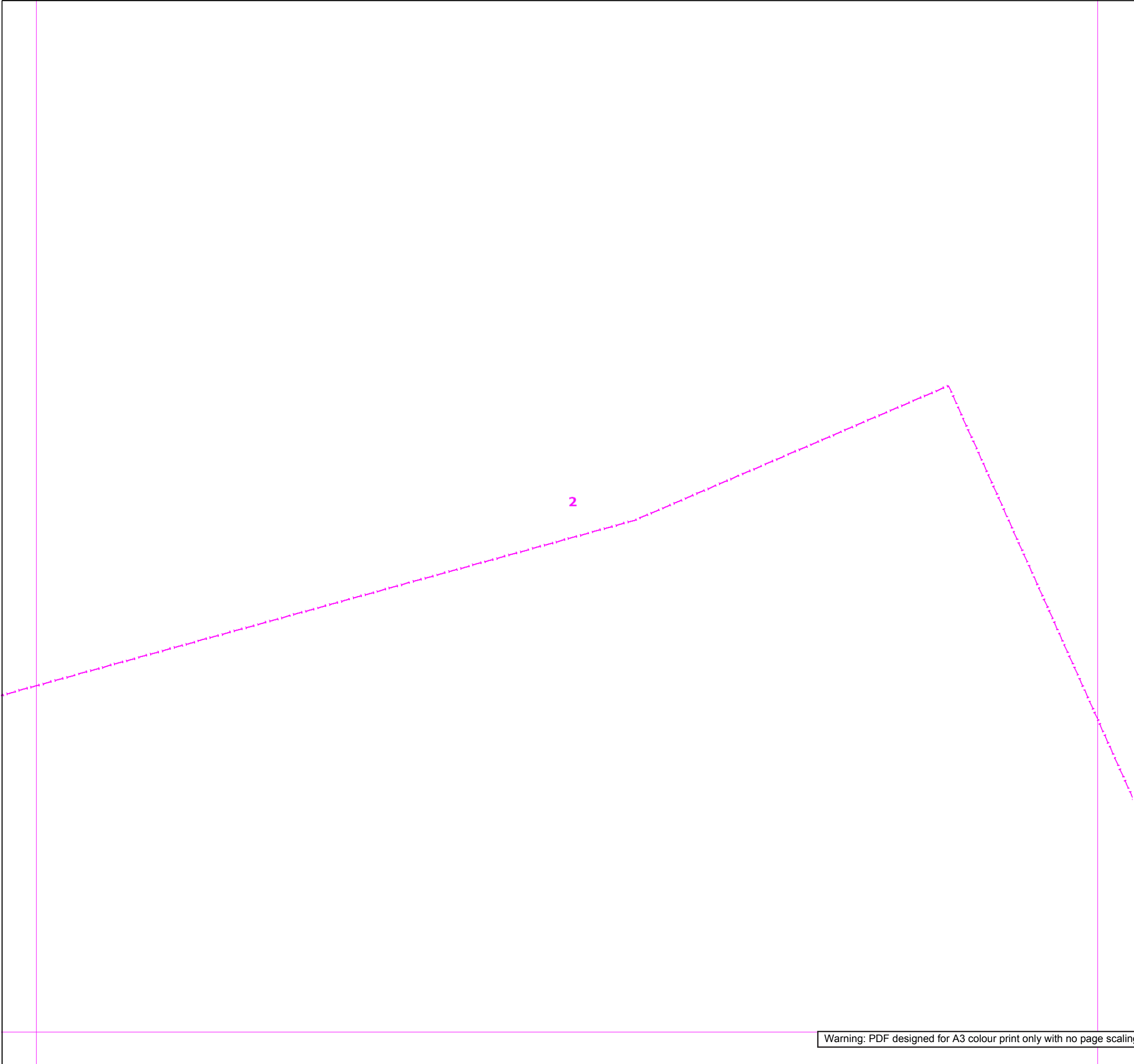
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Valve

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Intermediate Pressure Mains	
High Pressure Mains	
LAs	
GTs	
SSSIs	

Some Examples Of Plant Items

Valve		Syphon		Depth of Cover		Diameter Change		Material Change	
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Digsite: Line: Area:



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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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Contact Us

Mapping Enquiries:
All areas

General Enquiries:
All areas

Date Requested: 16/08/2021
Job Reference: 22998947
Site Location: 369313 835814
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
Rothienorman
Exact Scales:
1:1000 Area or Circle dig site
1:1000 Line dig site

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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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Contact Us
Mapping Enquiries:
All areas

General Enquiries:
All areas

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Job Reference: 22998947
Site Location: 369313 835814
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Medium Pressure Mains

Intermediate Pressure Mains

High Pressure Mains

LAs

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SSSIs



Some Examples Of Plant Items

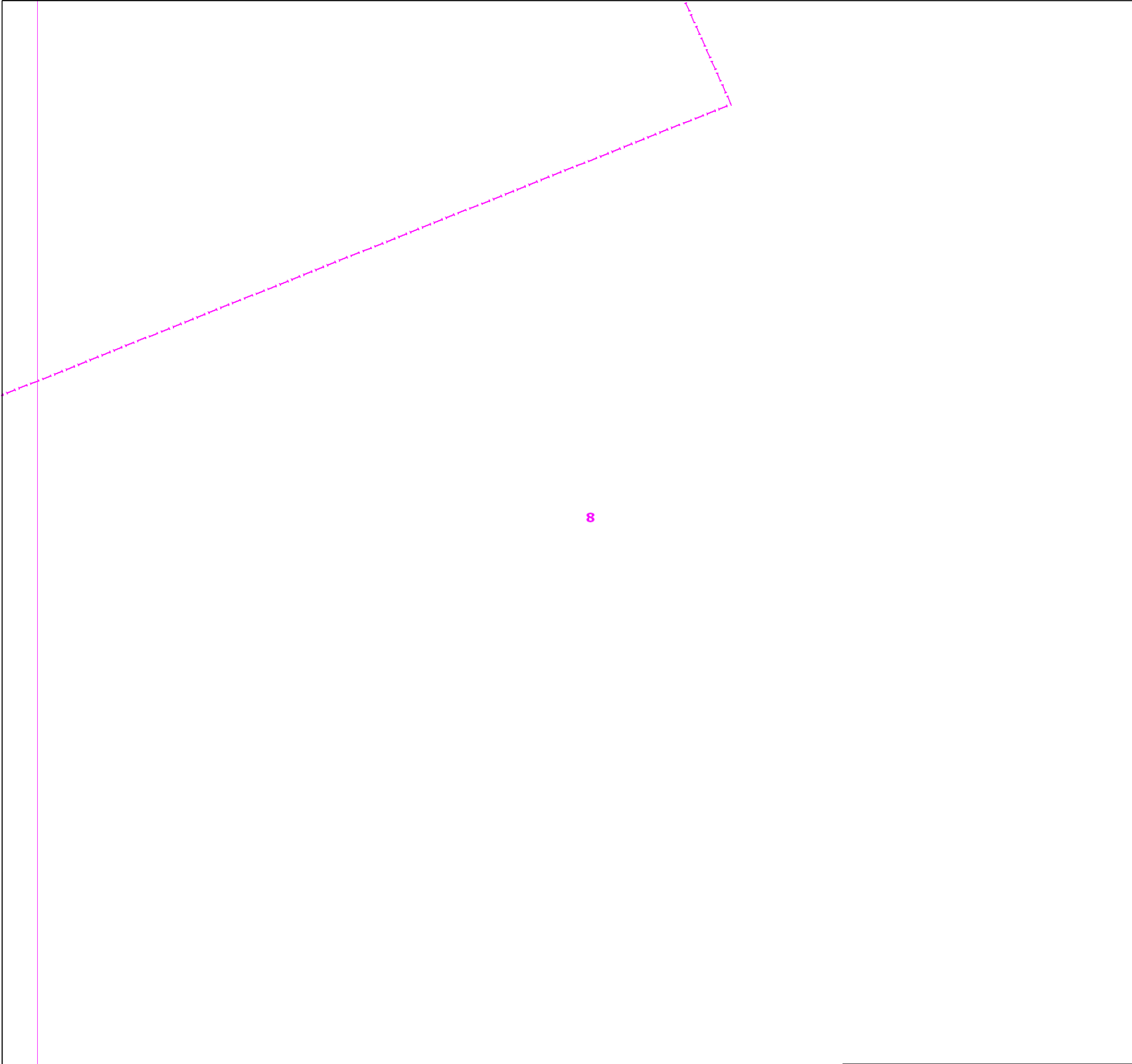
Valve  Syphon  Depth of Cover  Diameter Change  Material Change 

Digsite: Line:  Area: 



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7



Contact Us
Mapping Enquiries: All areas
General Enquiries: All areas

Date Requested: 16/08/2021
Job Reference: 22998947
Site Location: 369313 835814
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
Rothienorman
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1:1000 Area or Circle dig site
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Intermediate Pressure Mains

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LAs

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SSSIs

Some Examples Of Plant Items

Valve

Syphon

Depth of Cover

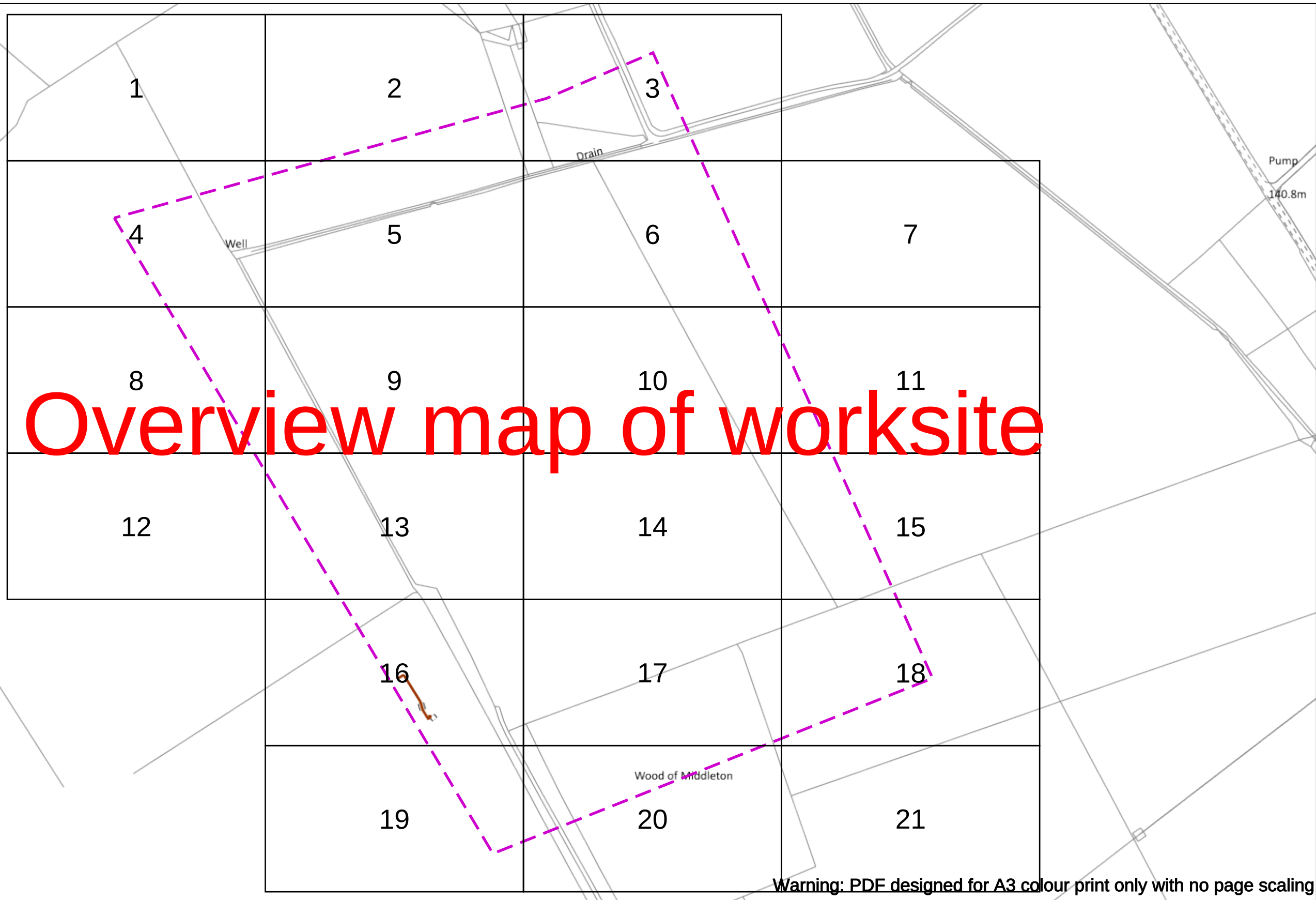
Diameter Change

Material Change

Digsite: Line: Area:



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Dig Sites Area: Line:



Date Requested: 16/08/2021
Job Reference: 22998947
Site Location: 369326 835818
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
Rothienorman

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		
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	0.9m
Road Crossing	0.6m	0.6m	0.75m	0.9m
Agricultural	1m	1m	1m	1.2m

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

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

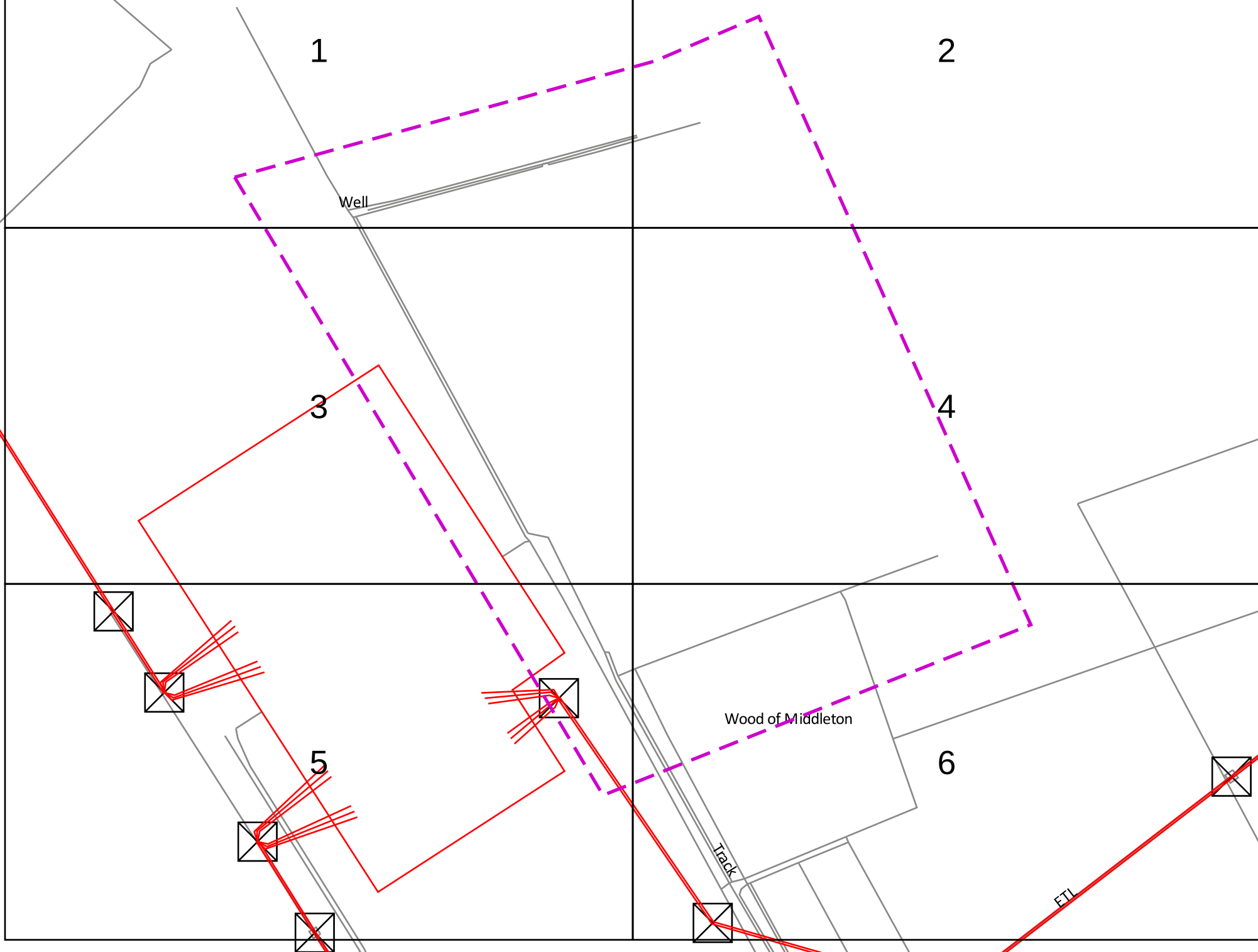
Subject to revision – Master held by SSEN Asset Data Team:
Asset.Data@sse.com
 01256 337 294

Scale: 1:3075 (When plotted at A3)

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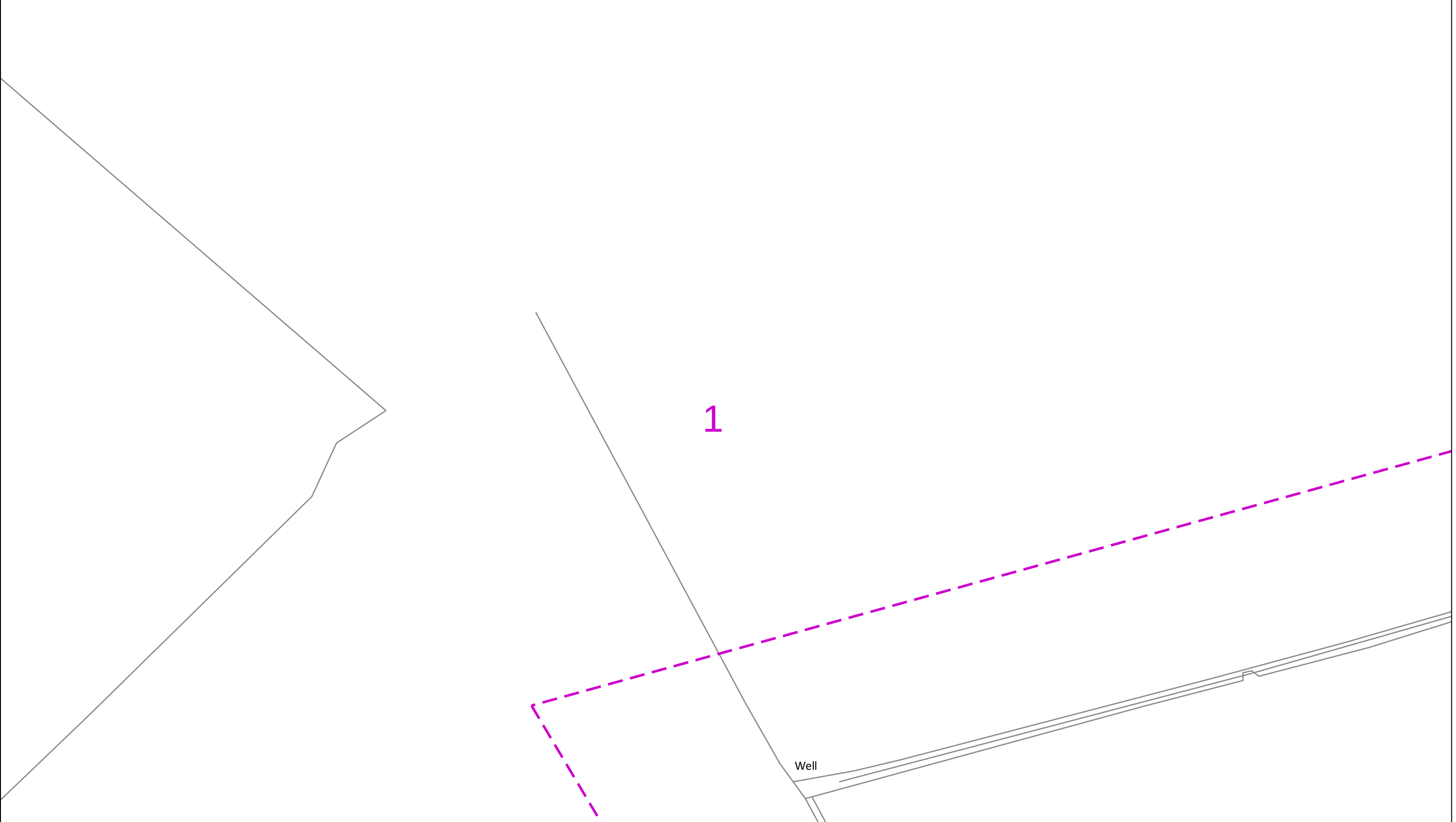
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Overview map of worksite



Dig Sites Area:  Line: 

Date Requested: 16/08/2021 Job Reference: 22998947 Site Location: 369326 835818 Requested by: Mr SCOTT FARQUHAR Your Scheme/Reference: Rothienorman Scale: 1:3844 (When plotted at A3)	WARNING There may have been subsequent alteration to the surface levels. Trial holes must be taken 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)	<table><tr><th colspan="5">Voltages (V)</th></tr><tr><td>EHV (Extra High Voltage) Transmission</td><td colspan="4">22,000V to 132,000V 275,000V and 400,000V</td></tr><tr><th colspan="5">NORMAL DEPTH TO THE TOP OF THE CABLE WHEN LAID</th></tr><tr><td>Services</td><td>LV</td><td>HV</td><td colspan="2">EHV</td></tr><tr><td>Footpath/Unmade</td><td>0.45m</td><td>0.45m</td><td>0.6m</td><td>0.8m</td></tr><tr><td>Road Crossing</td><td>0.6m</td><td>0.6m</td><td>0.75m</td><td>0.9m</td></tr><tr><td>Agricultural</td><td>1m</td><td>1m</td><td>1m</td><td>1.1m</td></tr></table> <table><tr><th colspan="2">Overhead Line</th></tr><tr><td></td><td>EHV – 400,000 kV</td></tr><tr><td></td><td>EHV – 275,000 kV</td></tr><tr><td></td><td>EHV – 132,000 kV</td></tr><tr><td></td><td>HV – 33,000 kV</td></tr><tr><th colspan="2">Underground Cable</th></tr><tr><td></td><td>EHV – 400,000 kV</td></tr><tr><td></td><td>EHV – 275,000 kV</td></tr><tr><td></td><td>EHV – 132,000 kV</td></tr><tr><td></td><td>HV – 33,000 kV</td></tr><tr><td></td><td>HV – 11,000 kV</td></tr><tr><td></td><td>EHV – 320,000 kV</td></tr><tr><td></td><td>Joint Installation EHV Location – Straight</td></tr></table> <table><tr><th colspan="2">Legend</th></tr><tr><td></td><td>Distribution Structures [Electric] Pole, Existing Location</td></tr><tr><td></td><td>Pole Structure, Existing Location - Single</td></tr><tr><td></td><td>Pole Structure, Existing Location - H</td></tr><tr><td></td><td>Duct Route</td></tr><tr><td></td><td>Cross Section Route</td></tr><tr><td></td><td>Transmission Structures [Electric] Transmission Structure Node</td></tr></table>	Voltages (V)					EHV (Extra High Voltage) Transmission	22,000V to 132,000V 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	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	Legend			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. Registered Office: Inverlorn House, 200 Dunkeld Road, Perth, PH1 3AQ Registered in Scotland No. SC213459 UNCONTROLLED COPY If you're unsure & need to seek advice before commencing excavations please contact: General Enquiries: 0800 048 3516 Subject to revision – Master held by Transmission Asset Management Team: Transmission.Asset.Management@sse.com
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0100 m

Dig Sites

Area:

Line:

Date Requested: 16/08/2021

Job Reference: 22998947

Site Location: 369326 835818

Requested by:

Mr SCOTT FARQUHAR

Your Scheme/Reference:

Rothienorman

Scale: 1:1250 (When plotted at A3)

WARNING

There may have been subsequent alteration to the surface levels. Trial holes must be taken 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)				
EHV (Extra High Voltage) Transmission	22,000V to 132,000V 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

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

Legend

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.

Registered Office: Inverlmond House,

200 Dunkeld Road, Perth, PH1 3AQ

Registered In Scotland No.SC213459

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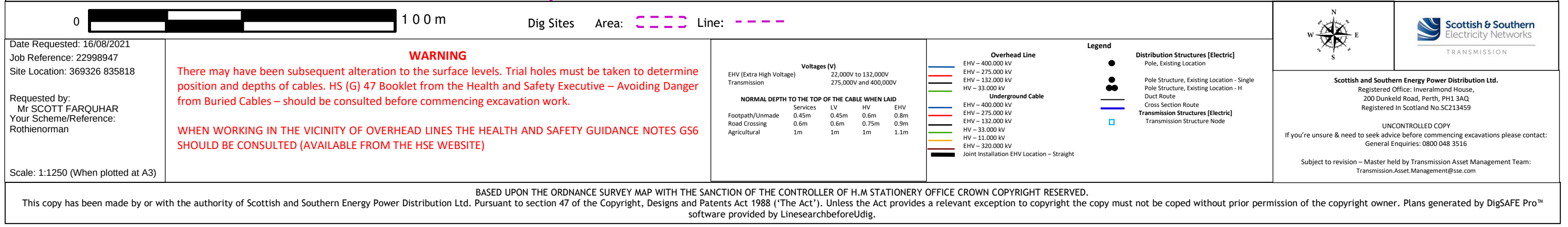
General Enquiries: 0800 048 3516

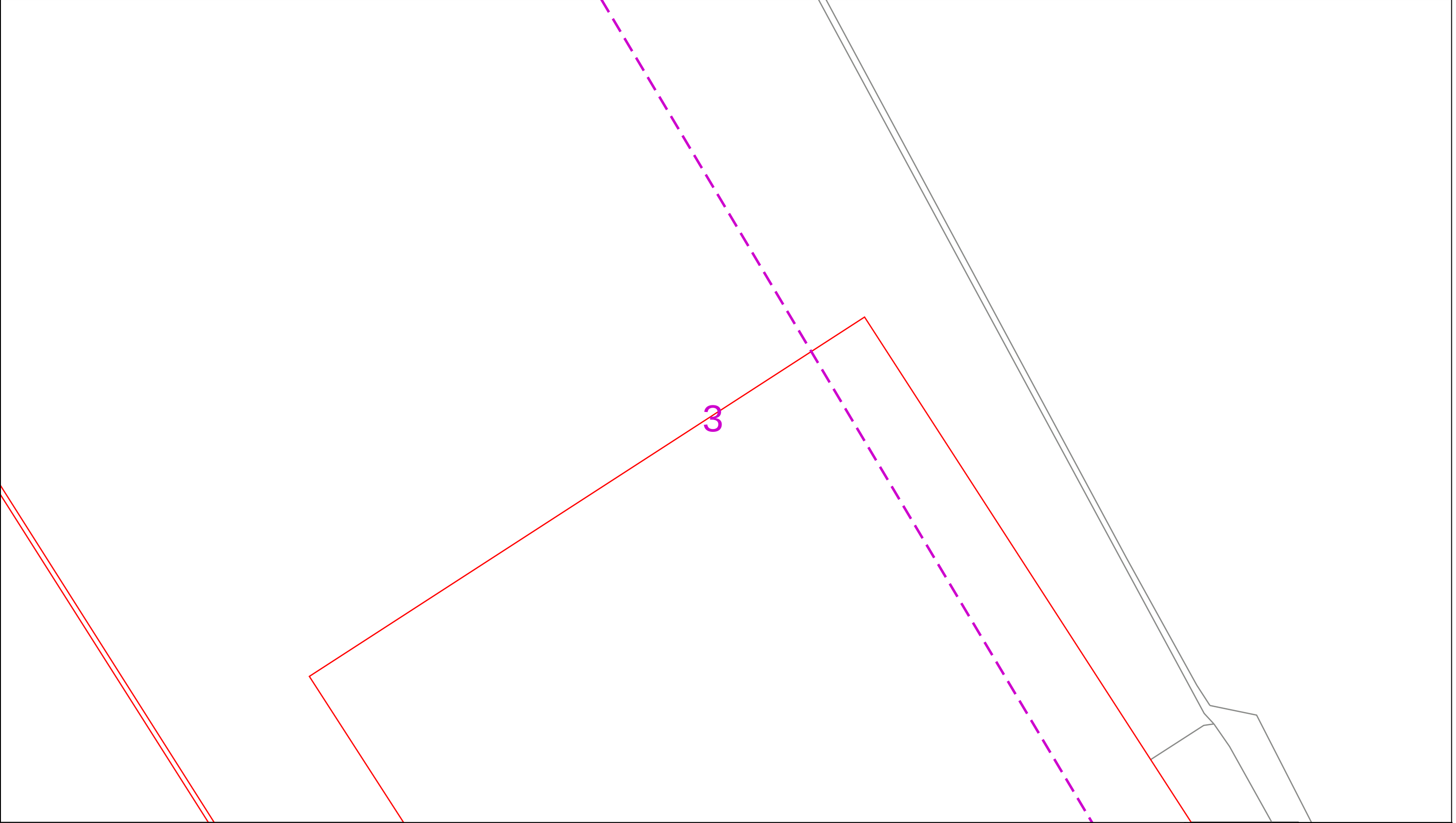
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01 0 0 m

Dig Sites

Area:

Line:

Date Requested: 16/08/2021

Job Reference: 22998947

Site Location: 369326 835818

Requested by:

Mr SCOTT FARQUHAR

Your Scheme/Reference:

Rothienorman

Scale: 1:1250 (When plotted at A3)

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

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EHV – 132.000 kV

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Underground Cable

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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

Legend

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.

Registered Office: Inverlmond House,

200 Dunkeld Road, Perth, PH1 3AQ

Registered In Scotland No.SC213459

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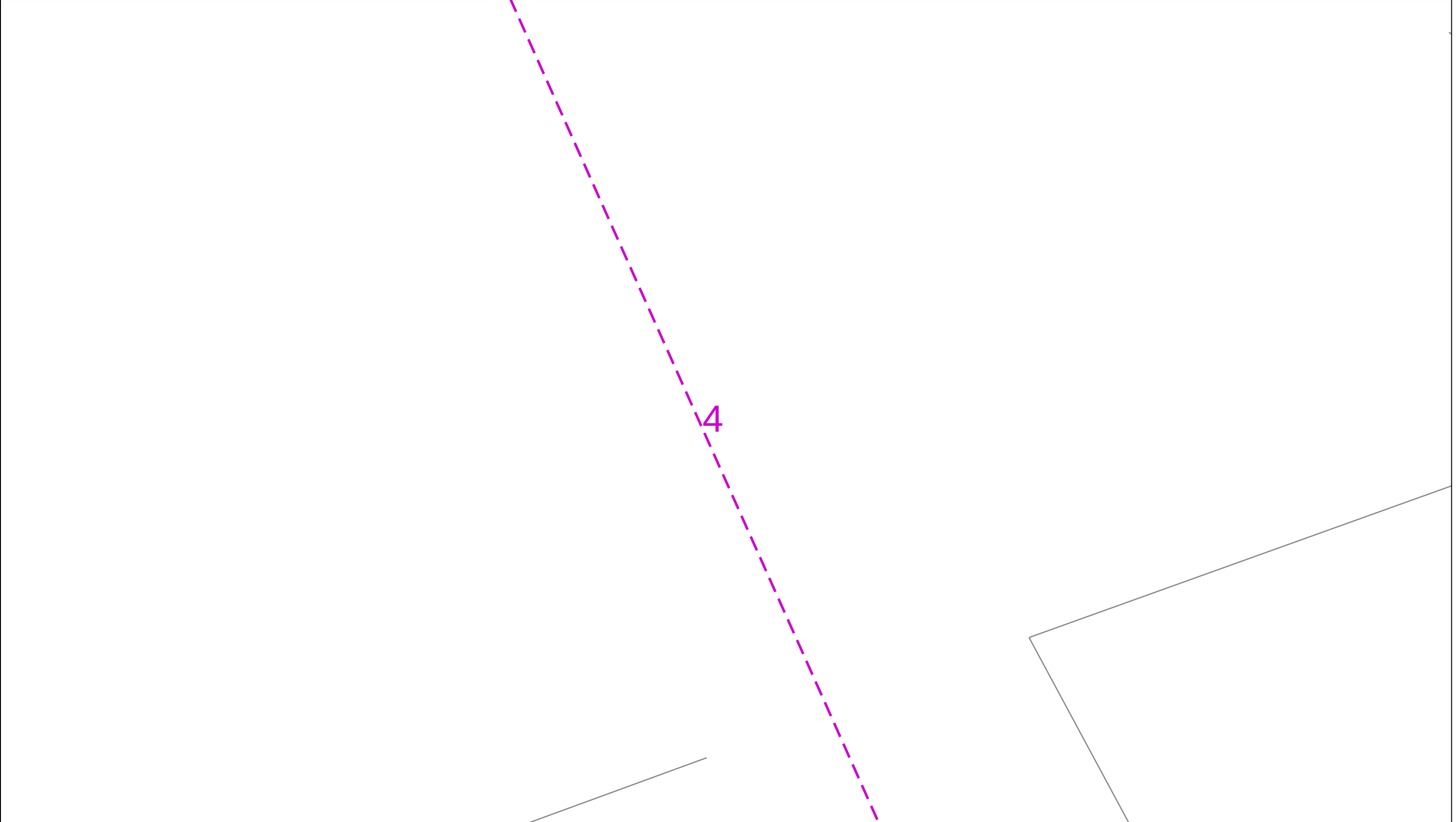
General Enquiries: 0800 048 3516

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Underground Cable

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HV – 33.000 kV
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EHV – 320.000 kV
Joint Installation EHV Location – Straight

Legend

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

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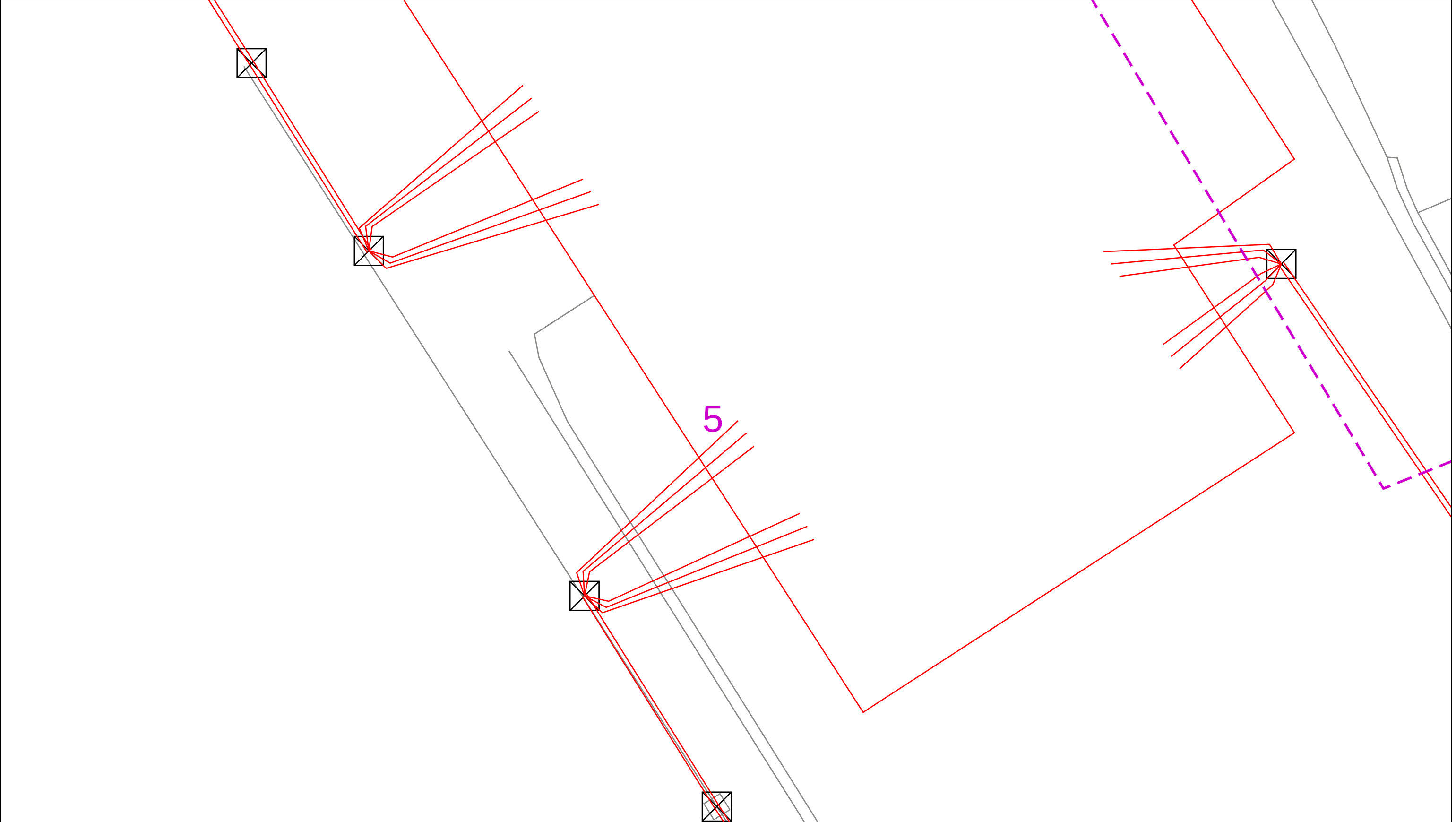
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HV – 33,000 kV

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

Legend

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.

Registered Office: Inverlorn House,
200 Dunkeld Road, Perth, PH1 3AQ
Registered in Scotland No.SC213459

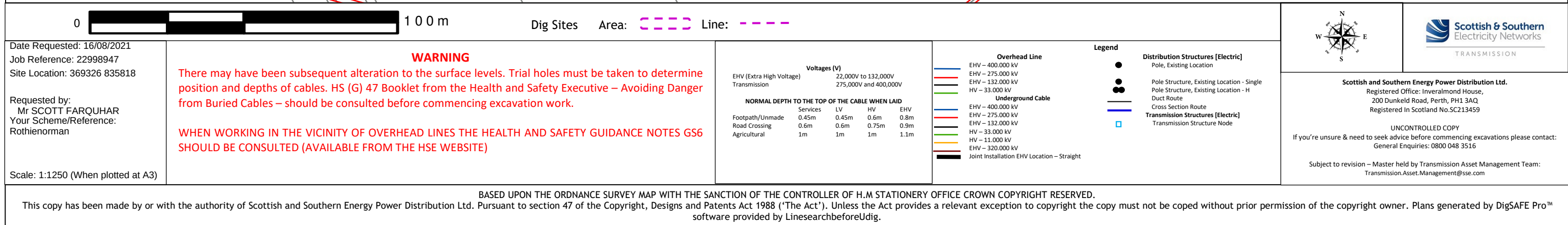
UNCONTROLLED COPY

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

Subject to revision – Master held by Transmission Asset Management Team:
Transmission.Asset.Management@sse.com

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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.

	Rothienorman - Fresh Water	
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Date Plotted: 12/08/2021	SCALE: 1:2,646	Plotted By: phalliday@siteinvest.co.uk
		Castle House, 6 Castle Drive, Dunfermline, KY118GG Tel No: 08000 778 778



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.

	Rothienorman - Waste Water			 Castle House, 6 Castle Drive, Dunfermline, KY118GG Tel No: 08000 778 778
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	Date Plotted: 12/08/2021	SCALE: 1:2,646	Plotted By: phalliday@siteinvest.co.uk	

APPENDIX C

Landmark Envirocheck Report

Envirocheck[®] Report:

Datasheet

Order Details:

Order Number:

375640468_1_1

Customer Reference:

E12482

National Grid Reference:

369550, 835400

Slice:

A

Site Area (Ha):

14.46

Search Buffer (m):

1000

Site Details:

Site at

Rothienorman

Aberdeenshire

Client Details:

Mr N Henderson

David R Murray & Associates

150 St John's Road

Edinburgh

EH12 8AY

Report Section	Page Number
Summary	-
Agency & Hydrological	1
Waste	15
Hazardous Substances	-
Geological	16
Industrial Land Use	18
Sensitive Land Use	19
Data Currency	20
Data Suppliers	25
Useful Contacts	26

Introduction

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

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Radon Potential dataset Copyright Notice

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

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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	3	4
Prosecutions					
Enforcement and Prohibition Notices					
Integrated Pollution Controls					
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls					
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 6		Yes		
Pollution Incidents to Controlled Waters					
Historical Prosecutions					
Registered Radioactive Substances					
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 6	Yes	n/a	n/a	n/a
Drift Deposits			n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)	pg 6		Yes	n/a	n/a
OS Water Network Lines	pg 6		12	13	40
Water Framework Directive - Catchment	pg 14	Yes			
Water Framework Directive - Groundwater	pg 14	Yes			
Water Framework Directive - Surface Waters	pg 14		Yes		
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 15	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites					
Potentially Infilled Land (Non-Water)	pg 15		2		
Potentially Infilled Land (Water)	pg 15			2	5
Registered Landfill Sites					
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites					

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 16	Yes	n/a	n/a	n/a
BGS Estimated Soil Chemistry	pg 16	Yes			
BGS Recorded Mineral Sites	pg 16		2		
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 16	Yes	Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 16		Yes	n/a	n/a
Potential for Ground Dissolution Stability Hazards				n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 17	Yes	Yes	n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 18			1	
Fuel Station Entries					
Points of Interest - Commercial Services					
Points of Interest - Education and Health					
Points of Interest - Manufacturing and Production	pg 18			1	
Points of Interest - Public Infrastructure					
Points of Interest - Recreational and Environmental					

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 19	1	2		2
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	pg 19	1			
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 to Occur at Surface	A15SE (NE)	0	1	369950 835650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	369700 835850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	0	1	369600 835850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NW (S)	0	1	369550 835300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	369546 835950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	0	1	369546 835900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	369600 835900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (N)	0	1	369650 835900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (SE)	0	1	369546 835404
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11NW (S)	0	1	369546 835350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	0	1	369546 836000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SW (N)	0	1	369700 835800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (NE)	0	1	369750 835800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	19	1	369900 835650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SW (NE)	24	1	369800 835750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SW (S)	46	1	369546 835200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	66	1	369350 836000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	77	1	369850 835650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	148	1	369950 835900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	177	1	369650 836200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (S)	179	1	369600 835050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	192	1	369700 836200

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	A11NE (E)	213	1	369950 835404
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	224	1	369600 836250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	224	1	370000 835750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A15SE (NE)	225	1	370000 835650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NW (N)	226	1	369650 836250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SW (S)	229	1	369546 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	237	1	370000 835850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NW (N)	238	1	369700 836250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11NE (E)	255	1	370000 835404
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	275	1	370050 835800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	300	1	369900 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (SE)	302	1	369800 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A11SE (SE)	311	1	370000 835100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	320	1	369850 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	324	1	369550 836350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	(N)	324	1	369600 836350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	324	1	370100 835750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (E)	325	1	370050 835250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	(N)	325	1	369650 836350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	330	1	369700 834900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	332	1	369950 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	336	1	369750 834900

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	A11SE (SE)	337	1	370000 835050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	342	1	369900 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15NE (NE)	347	1	369950 836150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15SE (NE)	348	1	370100 835900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (SE)	349	1	369800 834900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	368	1	370000 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	370	1	369950 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A15SE (NE)	374	1	370150 835700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	379	1	369650 834850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NW (S)	380	1	369700 834850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NE (N)	399	1	369200 836300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	403	1	370000 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	407	1	370050 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (NE)	416	1	370000 836200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	422	1	370100 835050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A10SE (SW)	425	1	369250 835100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (S)	429	1	369546 834800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NW (S)	430	1	369700 834800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A7NE (SE)	438	1	370050 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	441	1	370000 834900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	448	1	370100 835000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A11SE (SE)	449	1	370150 835100

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	A11SE (SE)	467	1	370150 835050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	473	1	370050 834900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A7NE (SE)	477	1	370100 834950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A15NE (NE)	485	1	370050 836250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A10SE (SW)	488	1	369150 835200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A6NE (S)	489	1	369450 834800
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A11SE (SE)	490	1	370150 835000
1	Discharge Consents Operator: Mr A Mcphee Property Type: Not Given Location: New Dwellinghouse, Middleton Of Blackford, ROTHENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/95/65/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 8th September 1995 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A11SW (SE)	8	2	369730 835250
2	Discharge Consents Operator: Mr A B Cowie & Mrs Cowie Property Type: Not Given Location: Treasure Cottage, Middleton Of Blackford, ROTHENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/90/38 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 18th September 1990 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Onto Land Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A11NW (NW)	50	2	369530 835420
3	Discharge Consents Operator: Mr William Aitken Property Type: Not Given Location: New House, Blackford, ROTHENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/95/64/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 12th September 1995 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A10SE (S)	286	2	369430 835100

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
4	Discharge Consents Operator: Alan D G Aitken Property Type: Not Given Location: New Dwellinghouse, Gowan Bank, Blackford, ROTHIENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/91/30/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 13th May 1991 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A15SE (NE)	367	2	370140 835820
5	Discharge Consents Operator: George S Mcrobbie Property Type: Not Given Location: New Dwellinghouse Adjacent, Blackford House, ROTHIENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/92/80/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 30th October 1992 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A11NE (E)	404	2	370120 835560
6	Discharge Consents Operator: Mr J Johnston Property Type: Not Given Location: New Dwellinghouse, Mains Of Blackford, ROTHIENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/95/29/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 3rd March 1995 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A16SW (NE)	548	2	370320 835840
7	Discharge Consents Operator: Mrs Mary Sivewright Property Type: Not Given Location: New Dwellinghouse, Adjacent To Blackford House, ROTHIENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/91/112/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 19th November 1991 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A16SW (E)	572	2	370330 835630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
8	Discharge Consents Operator: Mr Alan D G Aitken Property Type: Not Given Location: New House Adjacent, The Firs (North End), Blackford, ROTHENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/93/2/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 19th January 1993 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A12SW (E)	628	2	370340 835120
9	Discharge Consents Operator: J Havinden Property Type: Not Given Location: Dwellingshouse, Blackford Home Farm, ROTHENORMAN Authority: Scottish Environment Protection Agency, North Region Catchment Area: Ythan Reference: Y/94/43/U Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 8th August 1994 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge: Groundwater Environment: Receiving Water: Not Supplied Status: Not Given Positional Accuracy: Located by supplier to within 100m	A12NE (E)	788	2	370550 835620
	Nearest Surface Water Feature	A15SE (NE)	60	-	369933 835827
	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	A11NW (SE)	0	3	369546 835404
	Drift Deposits None				
	River Flood Data (Scotland) Type: Flood Plain Depth 1 - 2 Metres Flood Plain Type: 1-2m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A11SW (S)	179	4	369600 835050
	River Flood Data (Scotland) Type: Flood Plain Depth 0 - 1 Metres Flood Plain Type: 0-1m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A11SW (S)	232	4	369600 835000
	River Flood Data (Scotland) Type: Flood Plain Depth 1 - 2 Metres Flood Plain Type: 1-2m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A11SW (S)	245	4	369550 835000
10	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 479.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15SE (NE)	60	5	369968 835786
11	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15NW (N)	80	5	369590 836104

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
12	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 18.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15NW (N)	80	5	369614 836107
13	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A14NE (N)	83	5	369419 836059
14	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 303.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15NW (N)	95	5	369600 836119
15	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A14NE (N)	98	5	369415 836058
16	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 327.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A14NE (N)	99	5	369372 836046
17	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 34.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15SE (NE)	192	5	369986 835758
18	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 47.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15SE (NE)	210	5	370003 835713
19	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15SE (NE)	235	5	370005 835708
20	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 130.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A15SE (NE)	238	5	370016 835676

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
21	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 966.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A11SW (S)	247	5	369636 834976
22	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 32.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11SE (SE)	279	5	369874 835008
23	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11SE (SE)	281	5	369883 835012
24	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 222.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11SE (SE)	282	5	369885 835012
25	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A11NE (E)	341	5	370078 835589
26	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11NE (E)	341	5	370076 835608
27	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 10.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A11NE (E)	365	5	370084 835576
28	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 5.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11NE (E)	374	5	370100 835585
29	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 517.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A11NE (E)	375	5	370090 835568

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
30	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 293.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11NE (E)	379	5	370103 835580
31	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 4.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A11SE (SE)	398	5	370093 835094
32	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 84.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A11SE (SE)	398	5	370093 835094
33	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 83.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A11SE (SE)	400	5	370094 835089
34	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 324.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A12SW (SE)	474	5	370176 835101
35	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 38.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	595	5	370295 835416
36	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 167.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	621	5	370325 835403
37	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 198.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A13SE (W)	622	5	368565 835746
38	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 203.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A6NW (SW)	649	5	369068 834941

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
39	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 973.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A6NE (SW)	650	5	369167 834837
40	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 825.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A10SW (SW)	670	5	369016 834993
41	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 576.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16NW (NE)	672	5	370371 836117
42	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 13.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A10SW (SW)	704	5	369025 834984
43	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 49.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	720	5	370441 835321
44	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 301.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16NW (NE)	728	5	370470 835993
45	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 2.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A16NW (NE)	748	5	370480 836027
46	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 14.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	749	5	370468 835334
47	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 158.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	756	5	370478 835467

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
48	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 38.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	762	5	370478 835371
49	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 25.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	763	5	370482 835333
50	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 6.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	763	5	370482 835333
51	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 29.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12SE (E)	767	5	370489 835177
52	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 39.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NW (E)	769	5	370488 835333
53	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 42.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	773	5	368449 835585
54	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 15.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	773	5	368449 835585
55	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 176.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A12SE (E)	777	5	370495 835149
56	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 42.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	786	5	368435 835588

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
57	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 509.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	799	5	368417 835613
58	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 181.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A12NE (E)	807	5	370528 835328
59	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 201.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A12NE (E)	807	5	370528 835328
60	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 10.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	825	5	368394 835592
61	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 3.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	825	5	368394 835592
62	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 311.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	828	5	368392 835590
63	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 481.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A9NW (W)	834	5	368384 835597
64	OS Water Network Lines Watercourse Form: Lake Watercourse Length: 35.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A12SE (E)	908	5	370633 835262
65	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 17.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A12SE (E)	908	5	370633 835253

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
66	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 305.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A13NW (NW)	911	5	368297 836112
67	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 33.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A12SE (E)	920	5	370645 835240
68	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 22.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A12SE (E)	930	5	370654 835277
69	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 2	A12NE (E)	946	5	370669 835293
70	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 268.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Ythan Primacy: 1	A12SE (E)	950	5	370674 835256
71	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 3.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16SE (NE)	954	5	370719 835921
72	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 26.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16SE (NE)	958	5	370723 835921
73	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 9.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16SE (NE)	984	5	370749 835921
74	OS Water Network Lines Watercourse Form: Inland river Watercourse Length: 350.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Ythan Primacy: 1	A16SE (NE)	993	5	370758 835923

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Water Framework Directive - Catchment Class Code: River Catchment WaterBody Name: Not Supplied WaterBody ID: 33 Operational: Not Applicable Catchment: Management Catchment: Not Applicable Catchment Name: River Ythan	A11NW (SE)	0	3	369546 835404
	Water Framework Directive - Groundwater Waterbody Name: Ellon Waterbody ID: 150676 URL Address: https://www.sepa.org.uk/data-visualisation/water-classification-hub/?display=information_sheet&waterbodyid=150676 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2018	A11NW (SE)	0	3	369546 835404
	Water Framework Directive - Groundwater Waterbody Name: Ythan bedrock and localised sand and gravel aquifers Waterbody ID: 150300 URL Address: https://www.sepa.org.uk/data-visualisation/water-classification-hub/?display=information_sheet&waterbodyid=150300 Overall Rating: Poor Chemical Rating: Poor Quantitative Measure: Good Year: 2011	A11NW (SE)	0	3	369546 835404
75	Water Framework Directive - Surface Waters Class Code: River Waterbody Name: Fordoun Burn Waterbody ID: 23234 URL Address: https://www.sepa.org.uk/data-visualisation/water-classification-hub/?display=information_sheet&waterbodyid=23234 Overall Rating: Moderate Chemical Rating: Not Supplied Classification Year: 2020	A11SW (S)	247	3	369636 834976

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: Aberdeenshire Council - Has no landfill data to supply		0	6	369546 835404
76	Potentially Infilled Land (Non-Water) Bearing Ref: NE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A15SE (NE)	209	-	369974 835702
77	Potentially Infilled Land (Non-Water) Bearing Ref: SE Use: Unknown Filled Ground (Pit, quarry etc) Date of Mapping: 1983	A11SW (SE)	226	-	369772 835021
78	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A11NE (E)	381	-	370098 835568
79	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1873	A11NE (E)	438	-	370138 835525
80	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (E)	541	-	370225 835450
81	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1873	A12NW (E)	614	-	370325 835376
82	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1901	A12NW (E)	667	-	370383 835349
83	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1873	A12NW (E)	769	-	370486 835350
84	Potentially Infilled Land (Water) Use: Unknown Filled Ground (Pond, marsh, river, stream, dock etc) Date of Mapping: 1959	A16NE (NE)	980	-	370679 836156

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Southern Highland Group	A11NW (SE)	0	1	369546 835404
	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	A11NW (SE)	0	1	369546 835404
85	BGS Recorded Mineral Sites Site Name: Blackford Gravel Pit Location: Blackford House, Rothienorman, Inverurie, Aberdeenshire Source: British Geological Survey, National Geoscience Information Service Reference: 167109 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Carboniferous Geology: North Britain Late Carboniferous Tholeiitic Suite Commodity: Sand and Gravel Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	215	1	369981 835708
86	BGS Recorded Mineral Sites Site Name: Blackford Pit Location: Blackford House, Rothienorman, Inverurie, Aberdeenshire Source: British Geological Survey, National Geoscience Information Service Reference: 167110 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Not Supplied Periodic Type: Neoproterozoic Geology: Macduff Formation Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A15SE (NE)	249	1	370024 835797
	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	A11NW (SE)	0	1	369546 835404
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	178	1	369609 835059
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	369546 835404
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	178	1	369609 835059

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	369546 835404
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	369546 835404
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	369546 835404
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	178	1	369609 835059
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NW (SE)	0	1	369546 835404
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11NE (E)	224	1	370000 835404
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A11SW (S)	229	1	369546 835000
	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	A11NW (SE)	0	1	369546 835404
	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	A11NW (SE)	0	1	369546 835404

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
87	Contemporary Trade Directory Entries Name: Blackford Craft Distillery Location: BLACKFORD, ROTHENORMAN, AB51 8YL Classification: Distilleries Status: Active Positional Accuracy: Automatically positioned to the address	A11NE (E)	375	-	370079 835365
88	Points of Interest - Manufacturing and Production Name: Tank Location: AB51 Category: Industrial Features Class Code: Tanks (Generic) Positional Accuracy: Positioned to an adjacent address or location	A11SE (E)	394	7	370118 835264

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
89	Ancient Woodland Name: Not Supplied Reference: 9858 Area(m²): 38452.87 Type: Long-Established Woodland of Plantation Origin	A11NW (N)	0	8	369510 835500
90	Ancient Woodland Name: Not Supplied Reference: 10581 Area(m²): 10673.04 Type: Long-Established Woodland of Plantation Origin	A15SE (NE)	183	8	369992 835646
91	Ancient Woodland Name: Not Supplied Reference: 10580 Area(m²): 41824.83 Type: Long-Established Woodland of Plantation Origin	A11NE (NE)	248	8	370059 835617
92	Ancient Woodland Name: Not Supplied Reference: 9854 Area(m²): 48022.5 Type: Long-Established Woodland of Plantation Origin	(N)	608	8	369662 836632
93	Ancient Woodland Name: Not Supplied Reference: 10575 Area(m²): 86418.49 Type: Long-Established Woodland of Plantation Origin	(NE)	821	8	370384 836350
94	Nitrate Vulnerable Zones Name: Aberdeenshire, Banff, Buchan And Moray Description: Polluted Water Source: Scottish Government	A11NW (SE)	0	9	369546 835404

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices Aberdeenshire Council Scottish Environment Protection Agency - Head Office	December 2019 November 2023	Annual Rolling Update Annually
Discharge Consents Scottish Environment Protection Agency - North Region	April 2002	
Enforcement and Prohibition Notices Scottish Environment Protection Agency - North Region	March 2013	
Integrated Pollution Controls Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region	February 1998 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	February 2025	
Historical Prosecutions Scottish Environment Protection Agency, North Region	March 2013	Not Applicable
Registered Radioactive Substances Scottish Environment Protection Agency - North Region Scottish Environment Protection Agency - Head Office	February 1998 January 1998	
Water Abstractions Scottish Government - Agriculture, Environment and Fisheries Department	February 2004	
Water Industry Act Referrals Scottish Environment Protection Agency - North Region	April 1996	
Groundwater Vulnerability Scottish Environment Protection Agency - North Region Scottish Environment Protection Agency - Head Office	December 1995 December 1995	Not Applicable
Drift Deposits Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region	December 1995 December 1995	Not Applicable Not Applicable
River Flood Data (Scotland) Centre for Ecology and Hydrology	February 2013	Not Applicable
OS Water Network Lines Ordnance Survey	January 2025	Quarterly
BGS Groundwater Flooding Susceptibility British Geological Survey - National Geoscience Information Service	May 2013	As notified
Water Framework Directive - Catchment Scottish Environment Protection Agency - Head Office	July 2023	Annually
Water Framework Directive - Groundwater Scottish Environment Protection Agency - Head Office	February 2024	Annually
Water Framework Directive - Surface Waters Scottish Environment Protection Agency - Head Office	July 2023	Annually

Waste	Version	Update Cycle
BGS Recorded Landfill Sites British Geological Survey - National Geoscience Information Service	November 2002	As notified
Integrated Pollution Control Registered Waste Sites Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region	March 2002 March 2002	Not Applicable Not Applicable
Local Authority Landfill Coverage Aberdeenshire Council	February 2003	Not Applicable
Local Authority Recorded Landfill Sites Aberdeenshire Council	October 2018	
Potentially Infilled Land (Non-Water) Landmark Information Group Limited	December 1999	
Potentially Infilled Land (Water) Landmark Information Group Limited	December 1999	
Registered Landfill Sites Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region Scottish Environment Protection Agency - North Region - Aberdeen Office Scottish Environment Protection Agency - North Region - Elgin Office Scottish Environment Protection Agency - North Region - Fort William Office Scottish Environment Protection Agency - North Region - Fraserburgh Office Scottish Environment Protection Agency - North Region - Orkney Islands Office Scottish Environment Protection Agency - North Region - Shetland Islands Office Scottish Environment Protection Agency - North Region - Thurso Office Scottish Environment Protection Agency - North Region - Western Isles Office	March 2006 March 2006 March 2006 March 2006 March 2006 March 2006 March 2006 March 2006 March 2006 March 2006 March 2006	Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable Not Applicable
Registered Waste Transfer Sites Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region Scottish Environment Protection Agency - North Region - Aberdeen Office Scottish Environment Protection Agency - North Region - Elgin Office Scottish Environment Protection Agency - North Region - Fort William Office Scottish Environment Protection Agency - North Region - Fraserburgh Office Scottish Environment Protection Agency - North Region - Orkney Islands Office Scottish Environment Protection Agency - North Region - Shetland Islands Office Scottish Environment Protection Agency - North Region - Thurso Office Scottish Environment Protection Agency - North Region - Western Isles Office	April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018 April 2018	
Registered Waste Treatment or Disposal Sites Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - North Region Scottish Environment Protection Agency - North Region - Aberdeen Office Scottish Environment Protection Agency - North Region - Elgin Office Scottish Environment Protection Agency - North Region - Fort William Office Scottish Environment Protection Agency - North Region - Fraserburgh Office Scottish Environment Protection Agency - North Region - Orkney Islands Office Scottish Environment Protection Agency - North Region - Shetland Islands Office Scottish Environment Protection Agency - North Region - Thurso Office Scottish Environment Protection Agency - North Region - Western Isles Office	June 2015 June 2015 June 2015 June 2015 June 2015 June 2015 June 2015 June 2015 June 2015 June 2015 June 2015	

Hazardous Substances	Version	Update Cycle
Control of Major Accident Hazards Sites (COMAH) Health and Safety Executive	September 2024	Bi-Annually
Explosive Sites Health and Safety Executive	March 2017	
Notification of Installations Handling Hazardous Substances (NIHHS) Health and Safety Executive	August 2001	
Planning Hazardous Substance Enforcements Aberdeenshire Council - Aberdeenshire Council - Banff Area Aberdeenshire Council - Aberdeenshire Council - Buchan Area Aberdeenshire Council - Aberdeenshire Council - Formartine Area Aberdeenshire Council - Aberdeenshire Council - Garioch Area Aberdeenshire Council - Aberdeenshire Council - Kincardine and Mearns Area Aberdeenshire Council - Aberdeenshire Council - Marr Area	June 2023 June 2023 June 2023 June 2023 June 2023 June 2023	Variable Variable Variable Variable Variable Variable
Planning Hazardous Substance Consents Aberdeenshire Council - Aberdeenshire Council - Banff Area Aberdeenshire Council - Aberdeenshire Council - Kincardine and Mearns Area Aberdeenshire Council - Aberdeenshire Council - Buchan Area Aberdeenshire Council - Aberdeenshire Council - Formartine Area Aberdeenshire Council - Aberdeenshire Council - Garioch Area Aberdeenshire Council - Aberdeenshire Council - Marr Area	April 2016 December 2015 February 2016 February 2016 February 2016 February 2016	Variable Variable Variable Variable Variable Variable

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

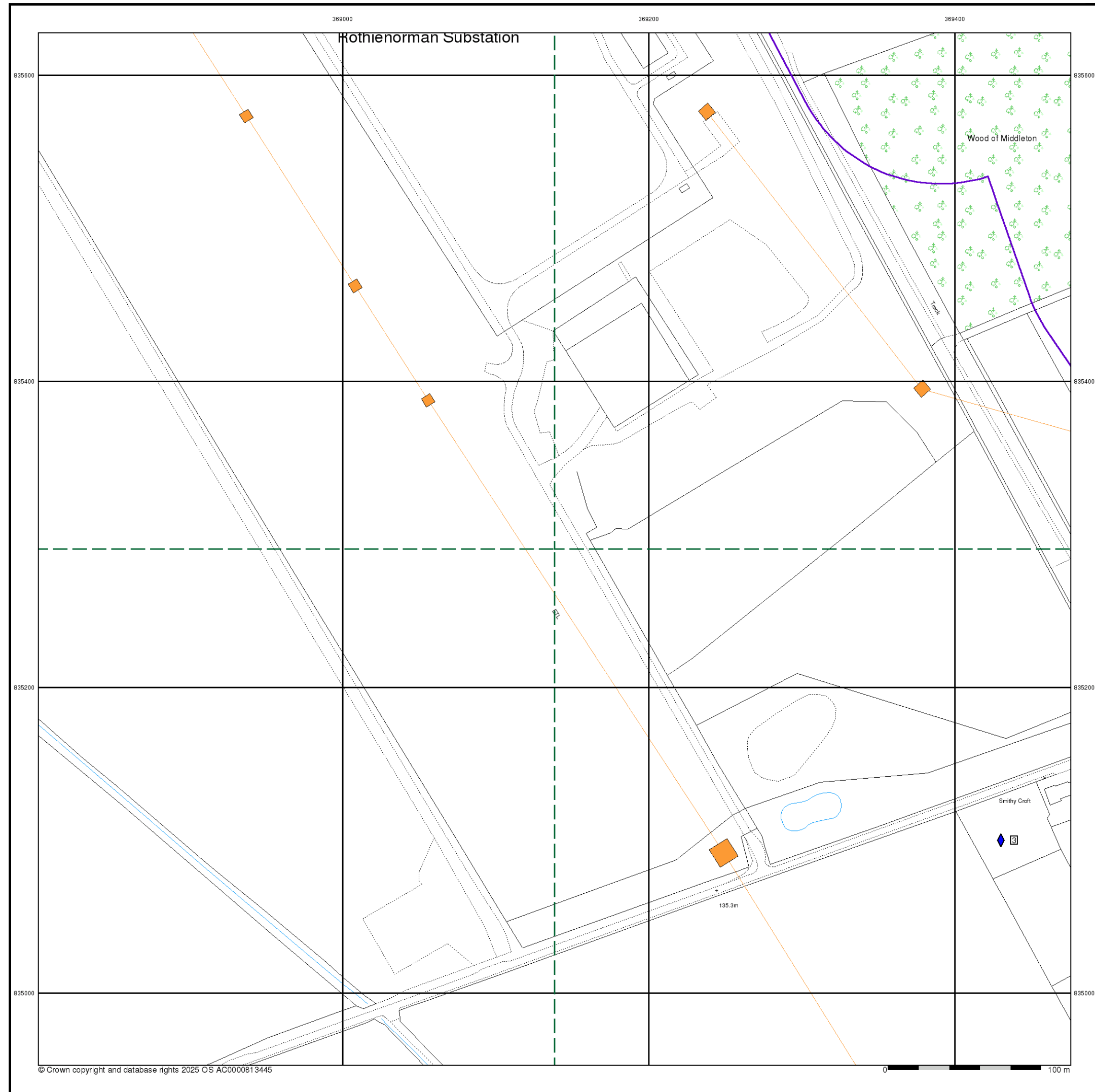
Sensitive Land Use	Version	Update Cycle
Ancient Woodland NatureScot	March 2025	Bi-Annually
Areas of Adopted Green Belt Aberdeenshire Council	July 2024	Quarterly
Areas of Unadopted Green Belt Aberdeenshire Council	July 2024	Quarterly
Environmentally Sensitive Areas Scottish Government	August 2023	
Forest Parks Forestry Commission	May 2023	Not Applicable
Local Nature Reserves Aberdeenshire Council	February 2025	Bi-Annually
Marine Nature Reserves NatureScot	February 2025	Bi-Annually
National Nature Reserves NatureScot	August 2024	Bi-Annually
National Parks Scottish Government	September 2024	Bi-Annually
National Scenic Areas Scottish Government	November 2024	Bi-Annually
Nitrate Vulnerable Zones Scottish Government	November 2024	Annually
Ramsar Sites NatureScot	February 2025	Bi-Annually
Sites of Special Scientific Interest NatureScot	November 2024	Bi-Annually
Special Areas of Conservation NatureScot	February 2025	Bi-Annually
Special Protection Areas NatureScot	November 2024	Bi-Annually

A selection of organisations who provide data within this report

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

Contact	Name and Address	Contact Details
1	British Geological Survey - Enquiry Service British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	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	Centre for Ecology and Hydrology Maclean Building, Crowmarsh Gifford, WALLINGFORD, Oxfordshire, OX10 8BB	Telephone: 01491 838800 Fax: 01491 692424
5	Ordnance Survey Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.co.uk
6	Aberdeenshire Council Woodhill House, Westburn Road, Aberdeen, Aberdeenshire, AB16 5GB	Telephone: 01467 620981 Website: www.aberdeenshire.gov.uk
7	PointX 5-6 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
9	Scottish Government St Andrews House, Regent Road, Edinburgh, EH1 3DG	Telephone: 0300 244 4000 Email: ceu@gov.scot Website: www.gov.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 Landmark Information Group, Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0330 036 6618 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk

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



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General

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

Agency and Hydrological

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

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

Hazardous Substances

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

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A10

Order Details

Order Number: 375640468_1_1
 Customer Ref: E12482
 National Grid Reference: 369550, 835400
 Slice: A
 Site Area (Ha): 14.46
 Plot Buffer (m): 100

Site Details

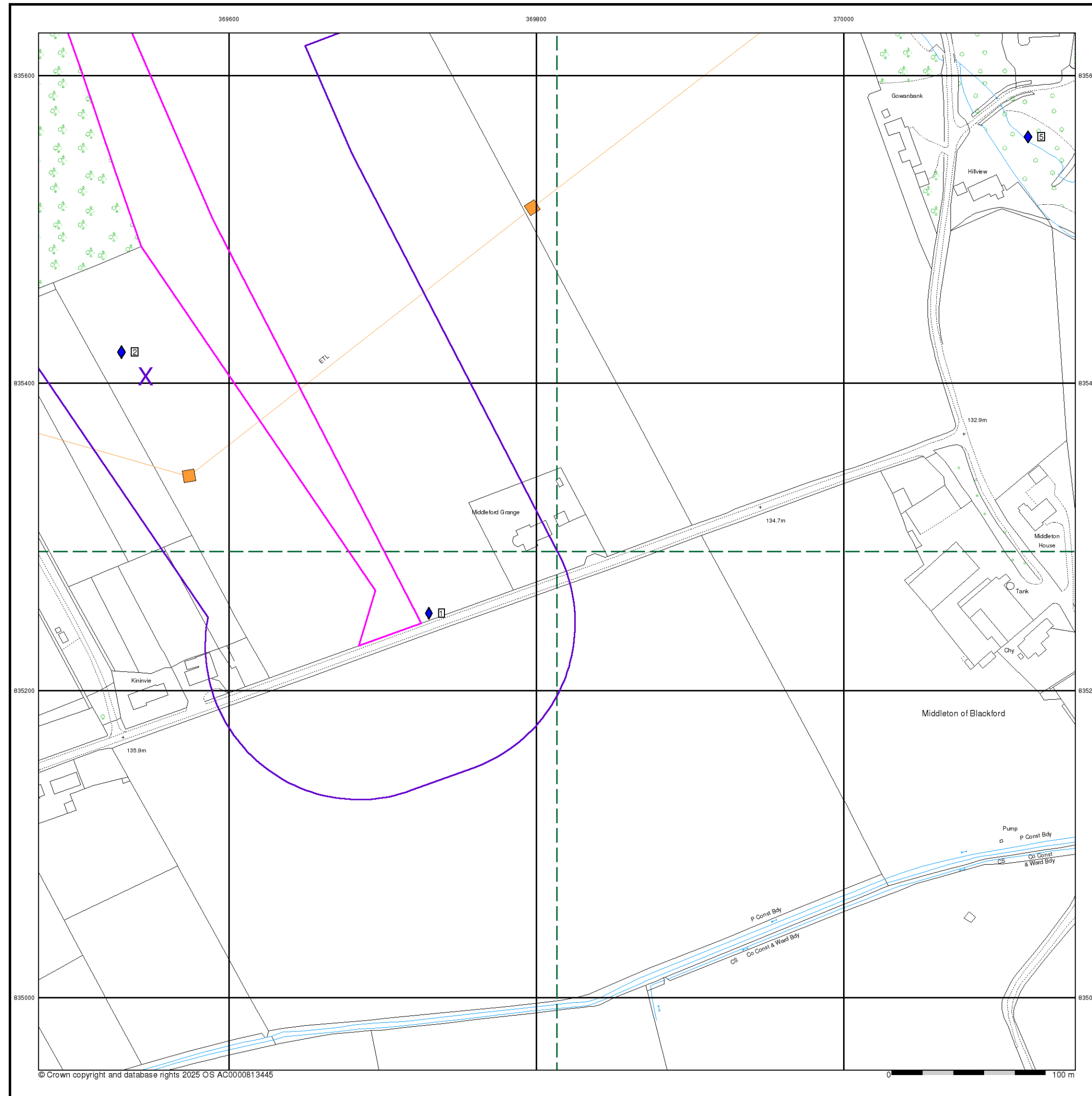
Site at, Rothienorman, Aberdeenshire

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- ### General

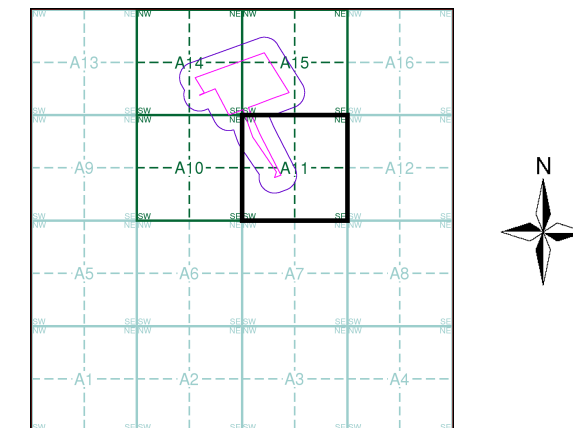
 - Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- ### Agency and Hydrological

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

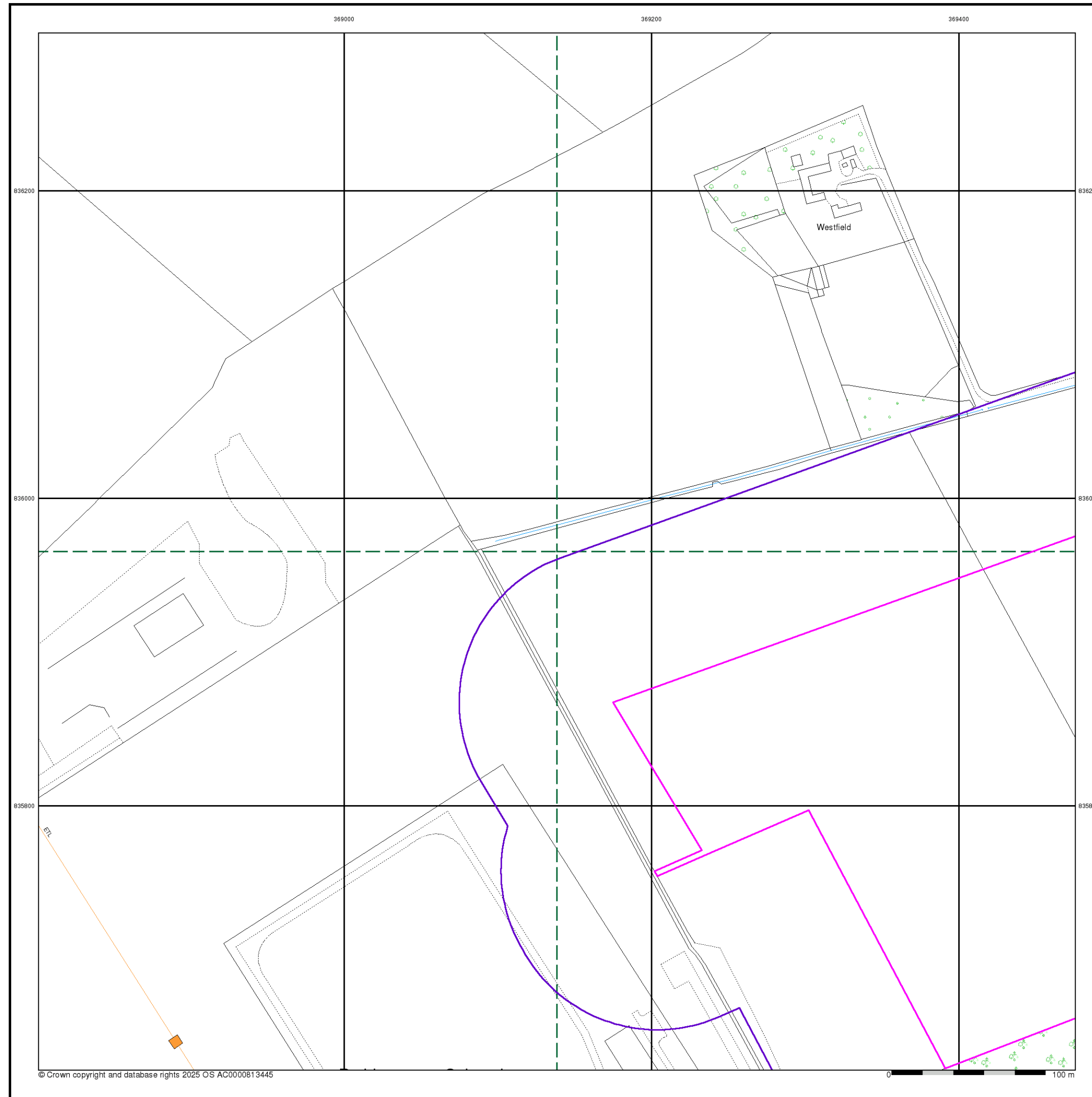
 - Explosive Site
 - BGS Recorded Mineral Site

Site Sensitivity Map - Segment A11



Order Details
Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Plot Buffer (m): 100

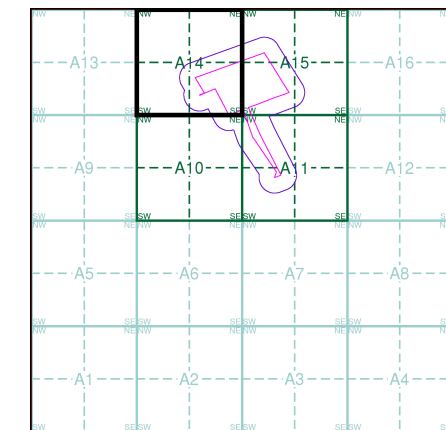
Site Details
Site at, Rothienorman, Aberdeenshire



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- ### General
- Specified Site
 - Specified Buffer(s)
 - Bearing Reference Point
 - Map ID
 - Several of Type at Location
 - Pylon
 - Overhead Transmission Line
- ### Agency and Hydrological
- Contaminated Land Register Entry or Notice (Location)
 - Contaminated Land Register Entry or Notice
 - Discharge Consent
 - Enforcement or Prohibition Notice
 - Integrated Pollution Control
 - Integrated Pollution Prevention Control
 - Local Authority Integrated Pollution Prevention and Control
 - Local Authority Pollution Prevention and Control Enforcement
 - Pollution Incident to Controlled Waters
 - Prosecution Relating to Authorised Processes
 - Prosecution Relating to Controlled Waters
 - Registered Radioactive Substance
 - River Network or Water Feature
 - 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 A14

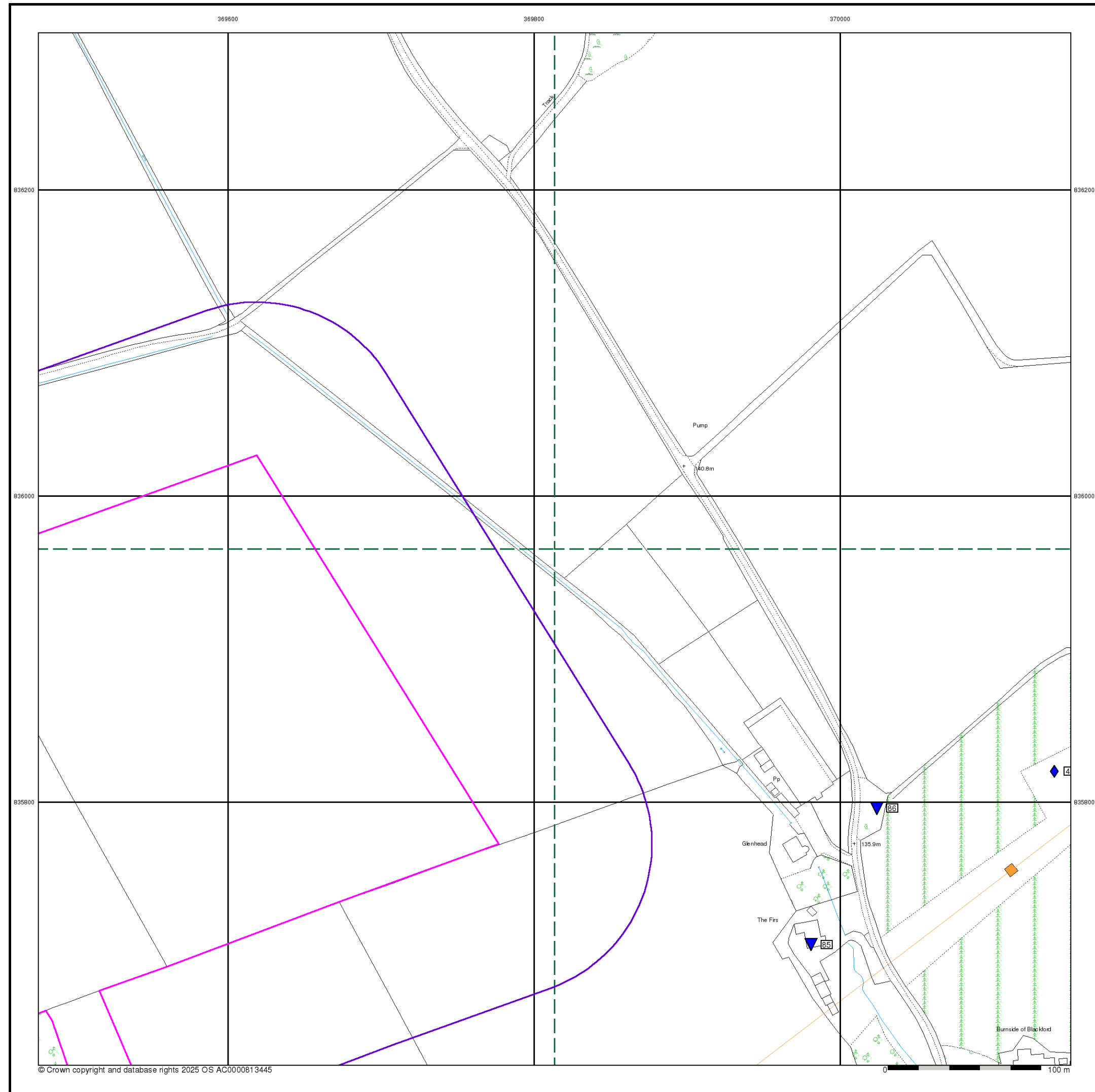


Order Details

Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Plot Buffer (m): 100

Site Details

Site at, Rothienorman, Aberdeenshire



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General

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

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral
- COMAH 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)
- Potentially Infilled Land (Water)
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Hazardous Substances

- Explosive Site

Geological

- BGS Recorded Mineral Site

Site Sensitivity Map - Segment A15

Order Details

Order Number:	375640468_1_1
Customer Ref:	E12482
National Grid Reference:	369550, 835400
Slice:	A
Site Area (Ha):	14.46
Plot Buffer (m):	100

Site Details

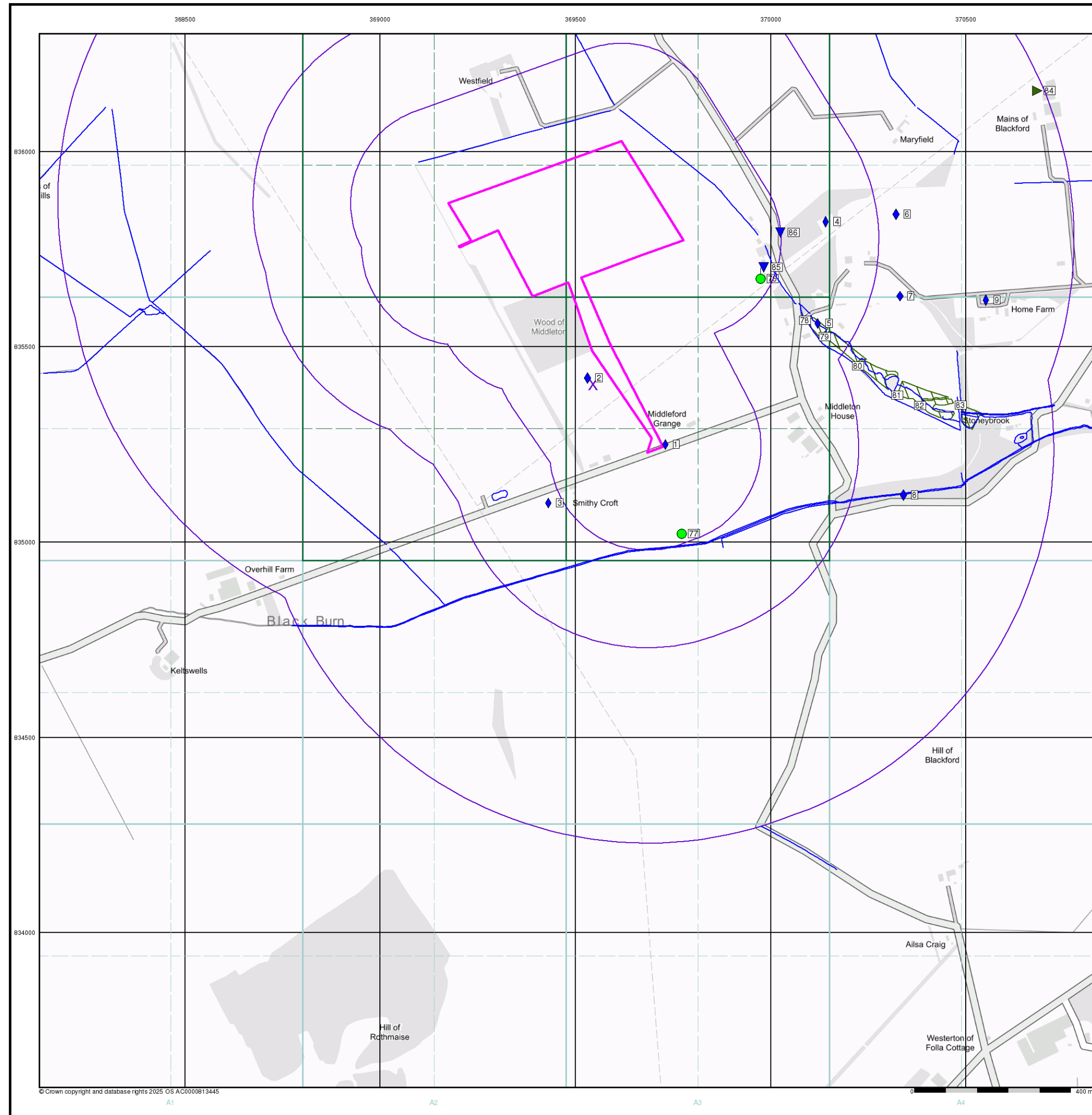
Site at, Rothienorman, Aberdeenshire

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- General
- Specified Site

Specified Buffer(s)

Bearing Reference Point

Map ID

Several of Type at Location
- Agency and Hydrological

Waste
- 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

COMAH Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

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)

Potentially Infilled Land (Water)

Registered Landfill Site (Location)

Registered Landfill Site (Point Buffered to 100m)

Registered Landfill Site (Point Buffered to 250m)

Registered Waste Transfer Site (Location)

Registered Waste Transfer Site

Registered Waste Treatment or Disposal Site (Location)

Registered Waste Treatment or Disposal Site

Hazardous Substances

Geological

Explosive Site

NIHHS Site

Planning Hazardous Substance Consent

Planning Hazardous Substance Enforcement

BGS Recorded Mineral Site
- ### Site Sensitivity Map - Slice A
-
- Order Details

Order Number:

375640468_1_1

Customer Ref:

E12482

National Grid Reference:

369550, 835400

Slice:

A

Site Area (Ha):

14.46

Search Buffer (m):

1000
- Site Details

Site at, Rothienorman, Aberdeenshire
- Landmark[®]

INFORMATION GROUP

Tel:

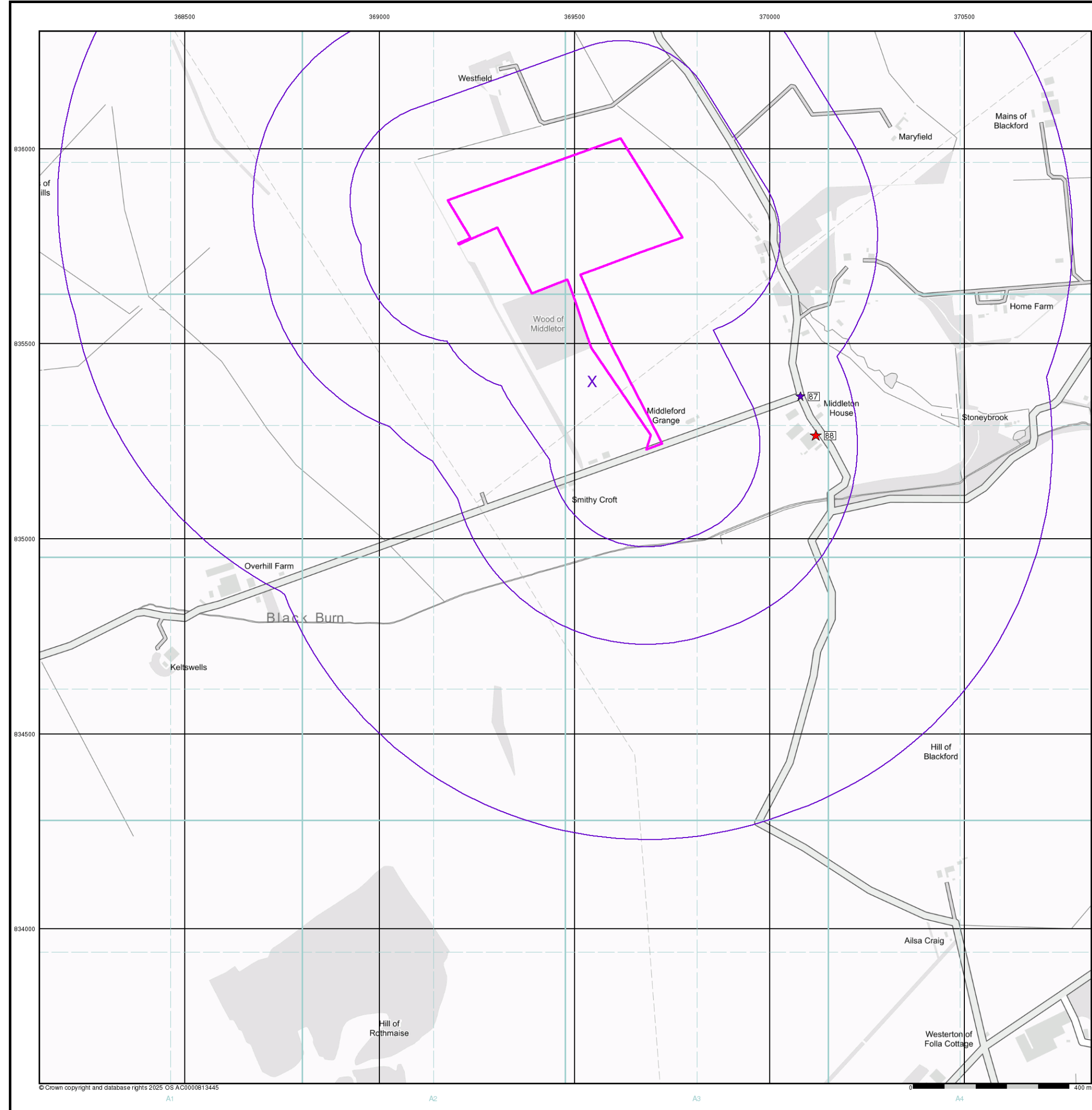
0844 844 9952

Fax:

0844 844 9951

Web:

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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
- ★ 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:	375640468_1_1
Customer Ref:	E12482
National Grid Reference:	369550, 835400
Slice:	A
Site Area (Ha):	14.46
Search Buffer (m):	1000

Site Details

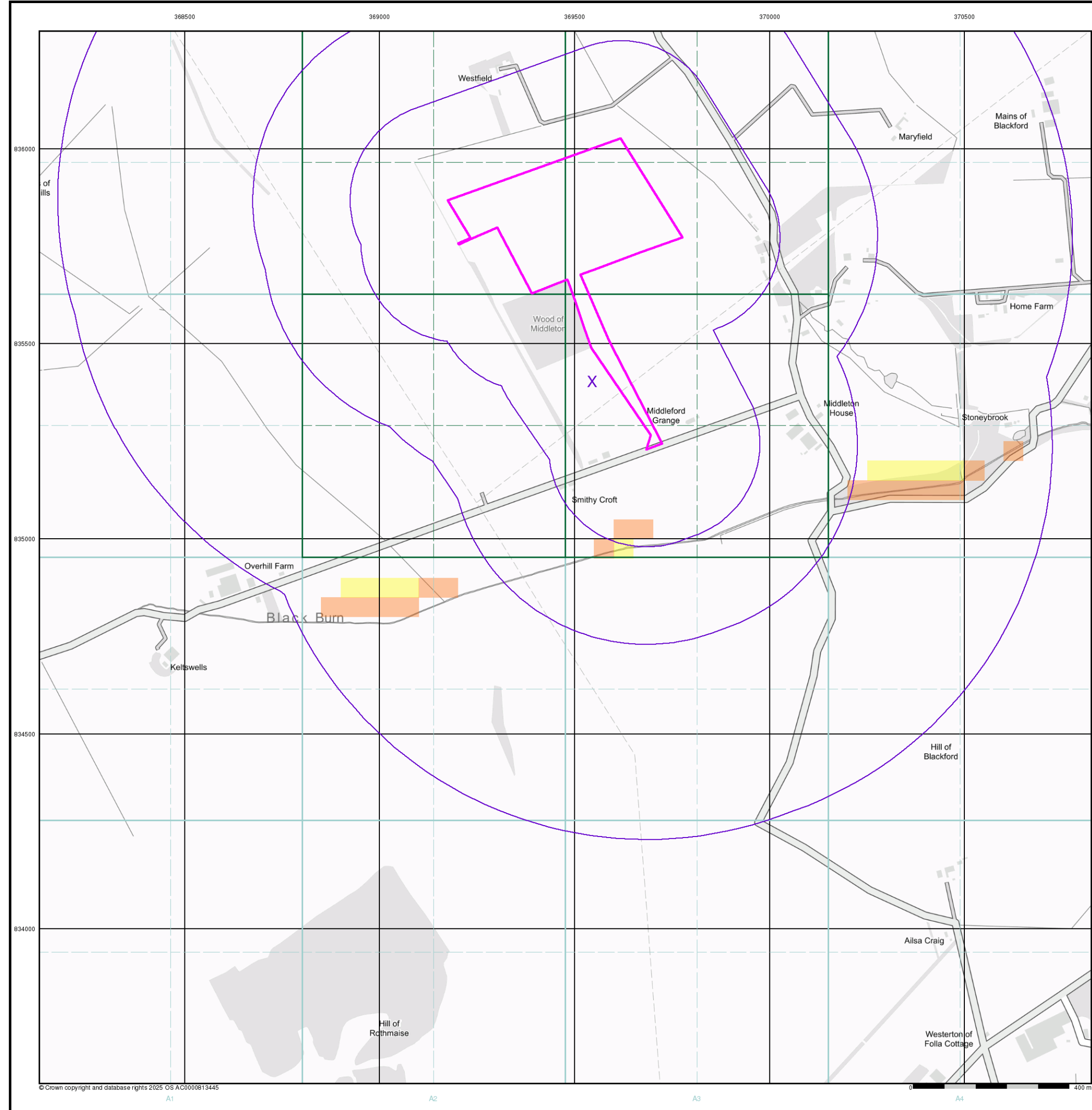
Site at, Rothienorman, Aberdeenshire

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

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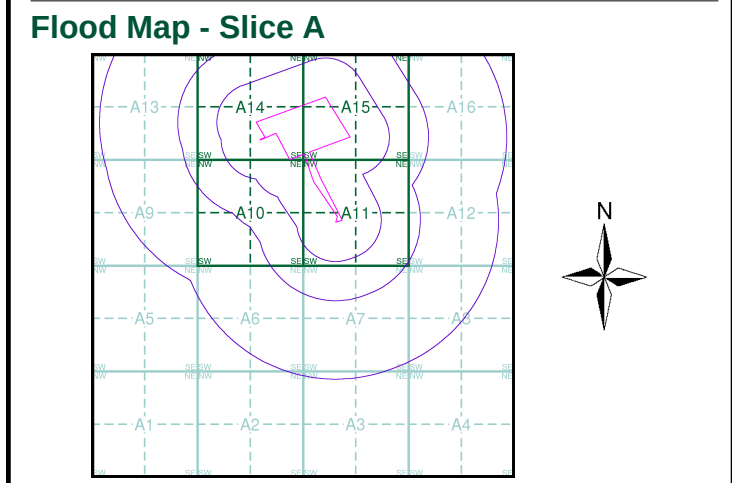
General

- 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.

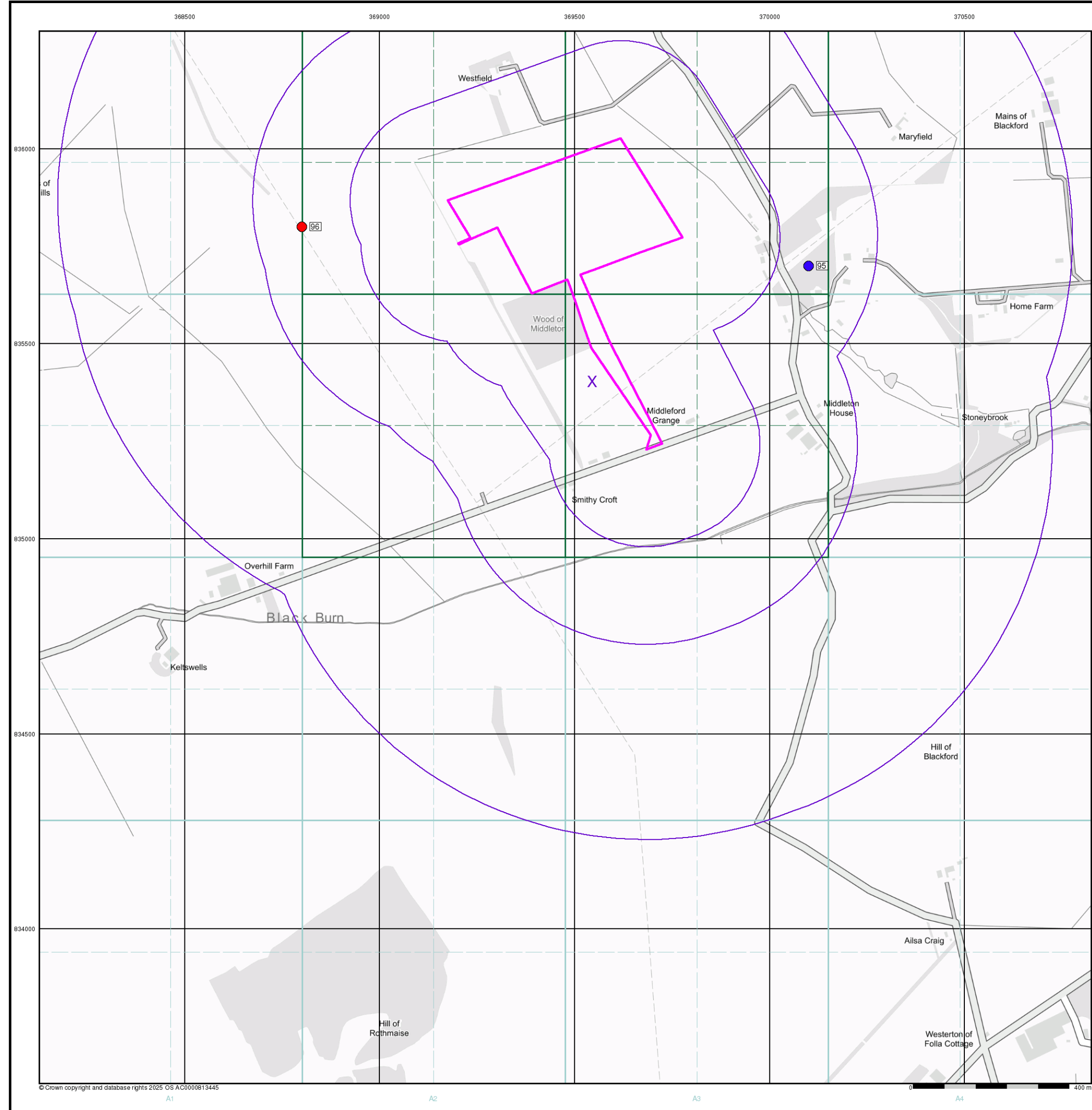


Order Details

Order Number:	375640468_1_1
Customer Ref:	E12482
National Grid Reference:	369550, 835400
Slice:	A
Site Area (Ha):	14.46
Search Buffer (m):	1000

Site Details

Site at, Rothienorman, Aberdeenshire



General

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

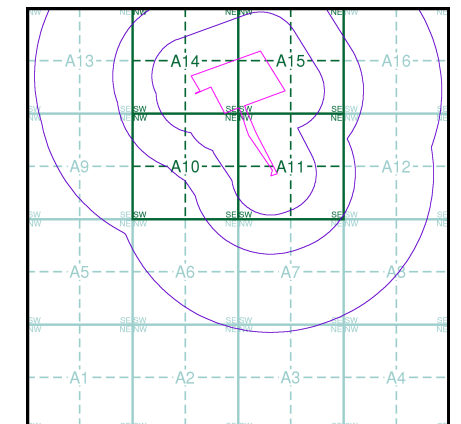
Agency and Hydrological (Boreholes)

- 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

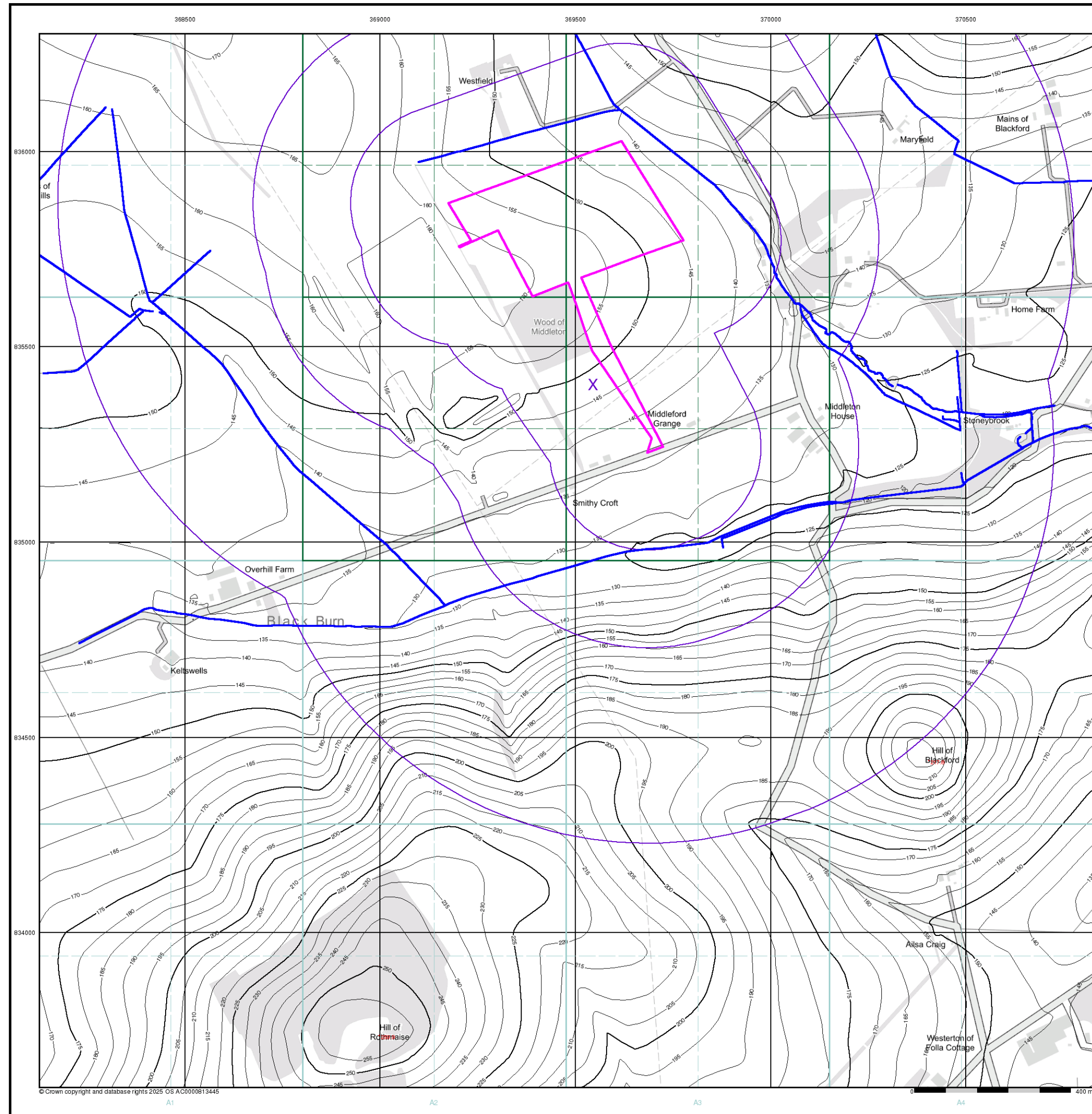


Order Details

Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details

Site at, Rothienorman, Aberdeenshire



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General

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

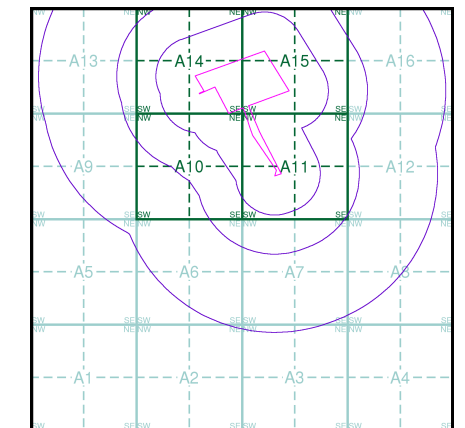
OS Water Network Data

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

Contours (height in meters)

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

OS Water Network Map - Slice A



Order Details

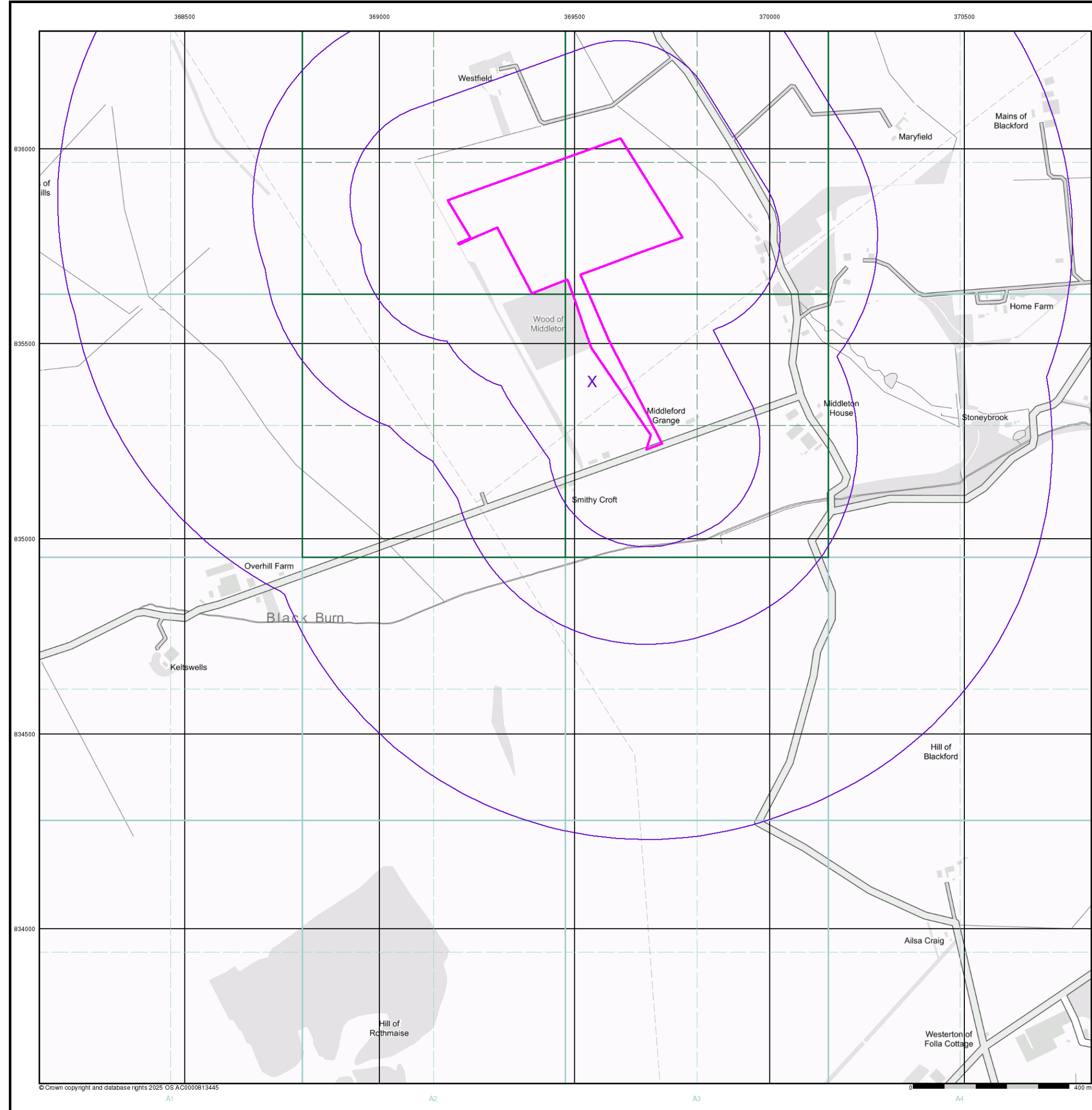
Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details

Site at, Rothienorman, Aberdeenshire

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Web: www.envirocheck.co.uk



General

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

Risk of Flooding from Surface Water

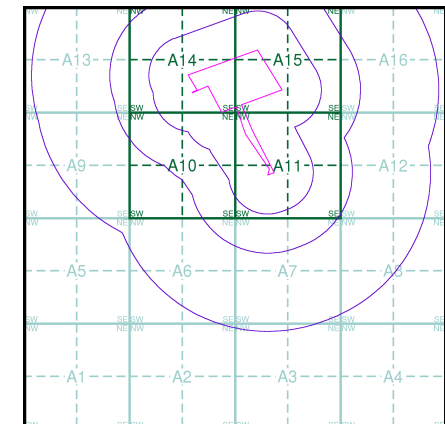
- High - 30 Year Return
- Medium - 100 Year Return
- Low - 1000 Year Return

Suitability

See the suitability map below

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

EAN/RW Suitability Map - Slice A

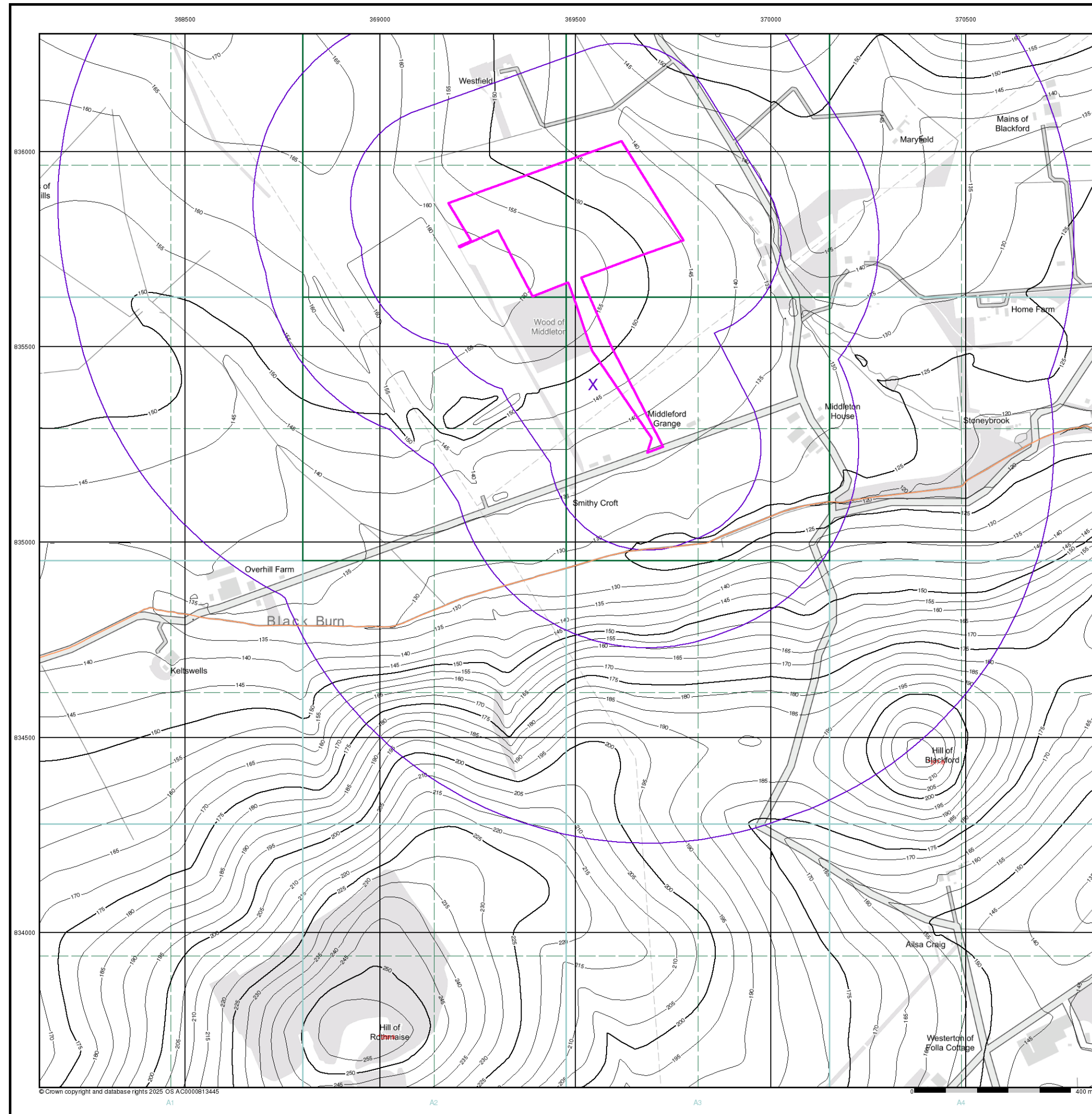


Order Details

Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details

Site at, Rothienorman, Aberdeenshire



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WFD Surface Waters Map

General

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

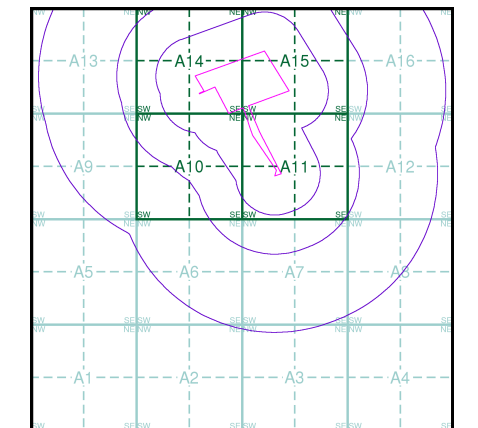
Water Framework Directive - Surface Water Quality

- High
- Good
- Moderate
- Poor
- Bad

Contours (height in meters)

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

WFD Surface Waters Map - Slice A



Order Details

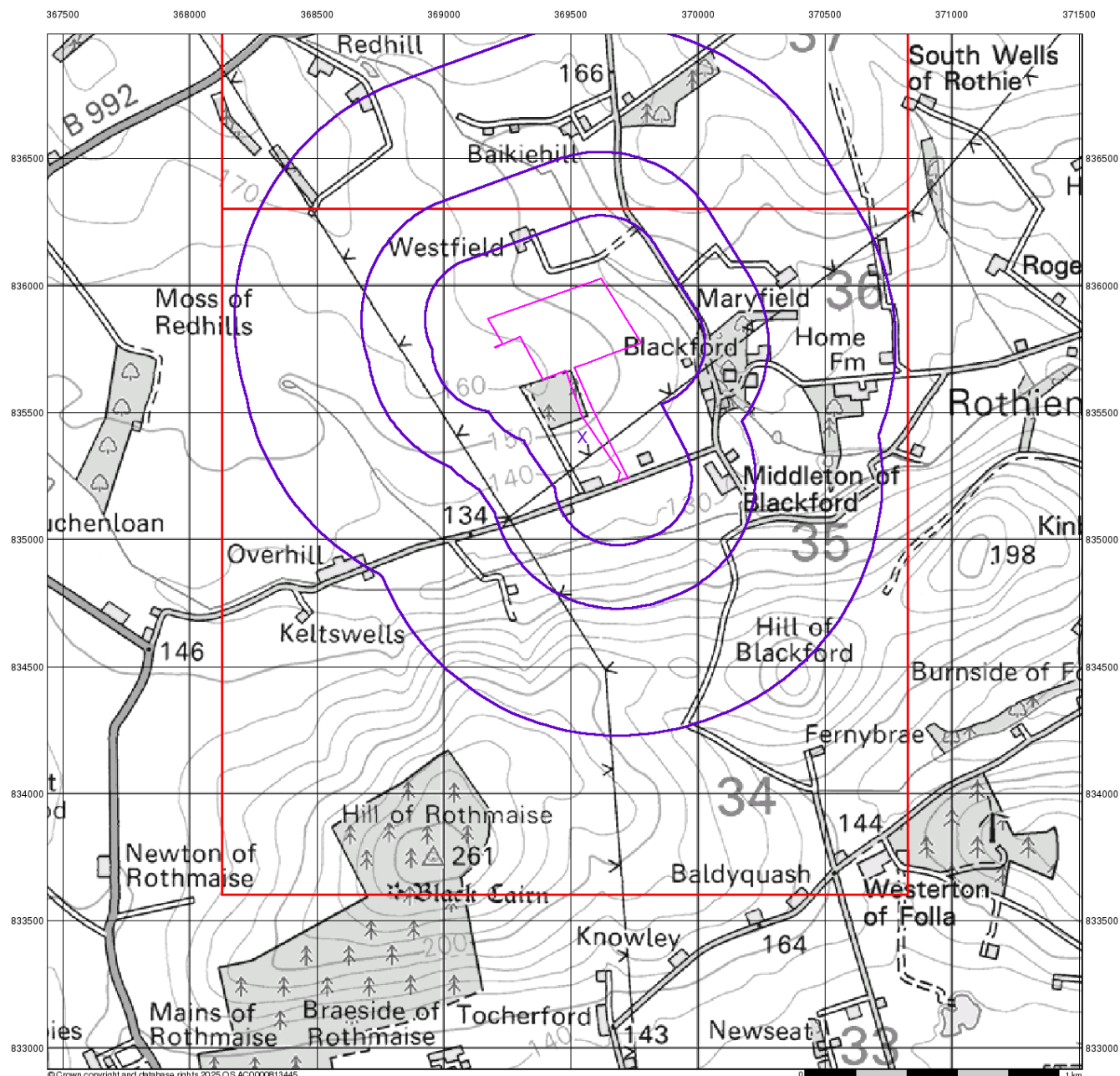
Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details

Site at, Rothiemnorman, Aberdeenshire

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0 1 km

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Source Protection Zones

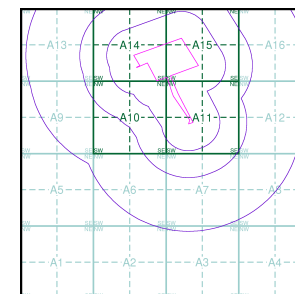
General

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

Agency and Hydrological

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 375640468_1_1
 Customer Ref: E12482
 National Grid Reference: 369550, 835400
 Slice: A
 Site Area (Ha): 14.46
 Search Buffer (m): 1000

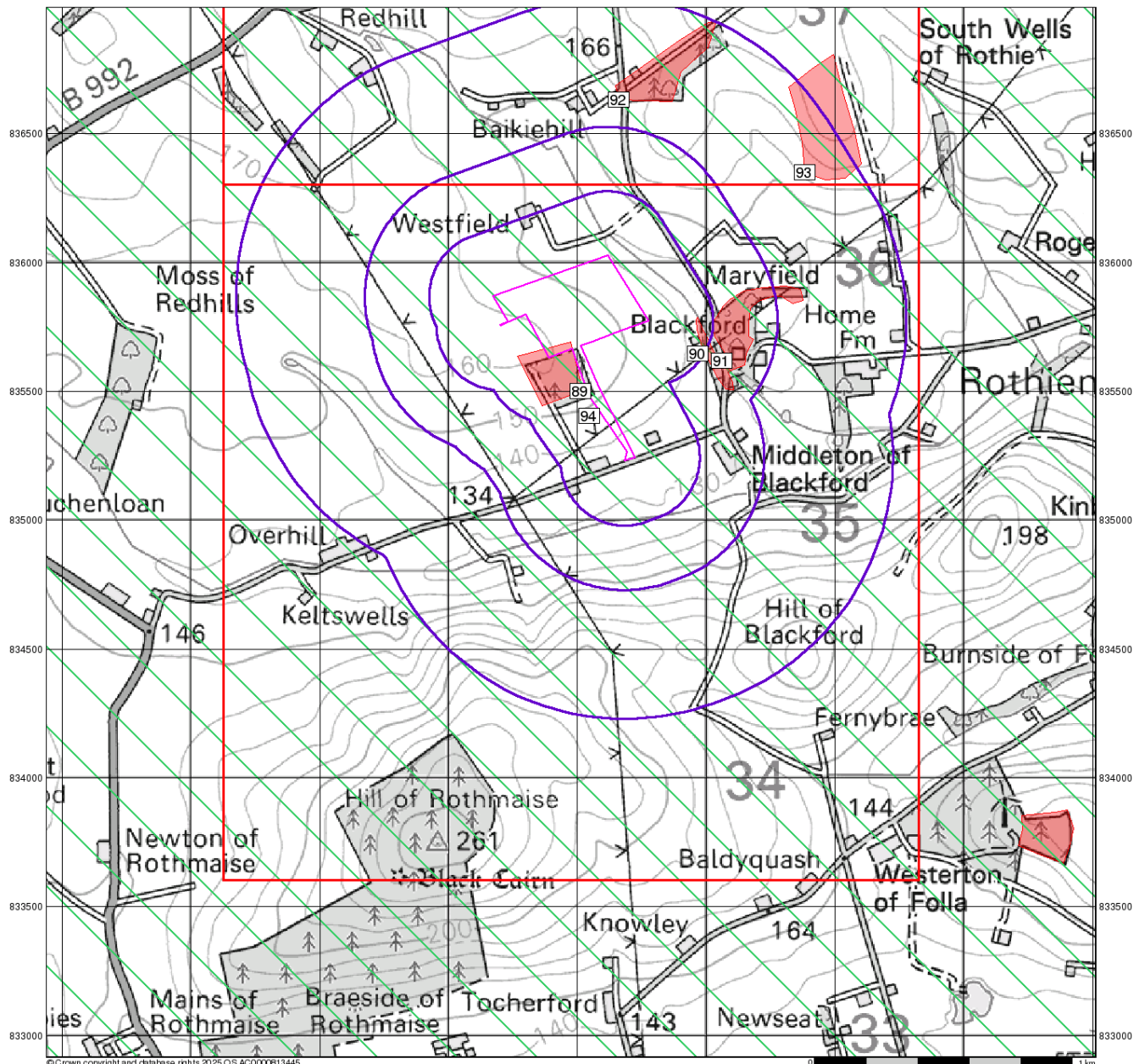
Site Details

Site at, Rothienorman, Aberdeenshire

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367500 368000 368500 369000 369500 370000 370500 371000 371500



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Sensitive Land Uses

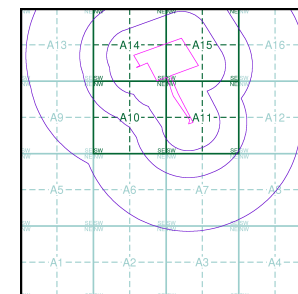
General

- 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



Order Details

Order Number: 375640468_1_1
 Customer Ref: E12482
 National Grid Reference: 369550, 835400
 Slice: A
 Site Area (Ha): 14.46
 Search Buffer (m): 1000

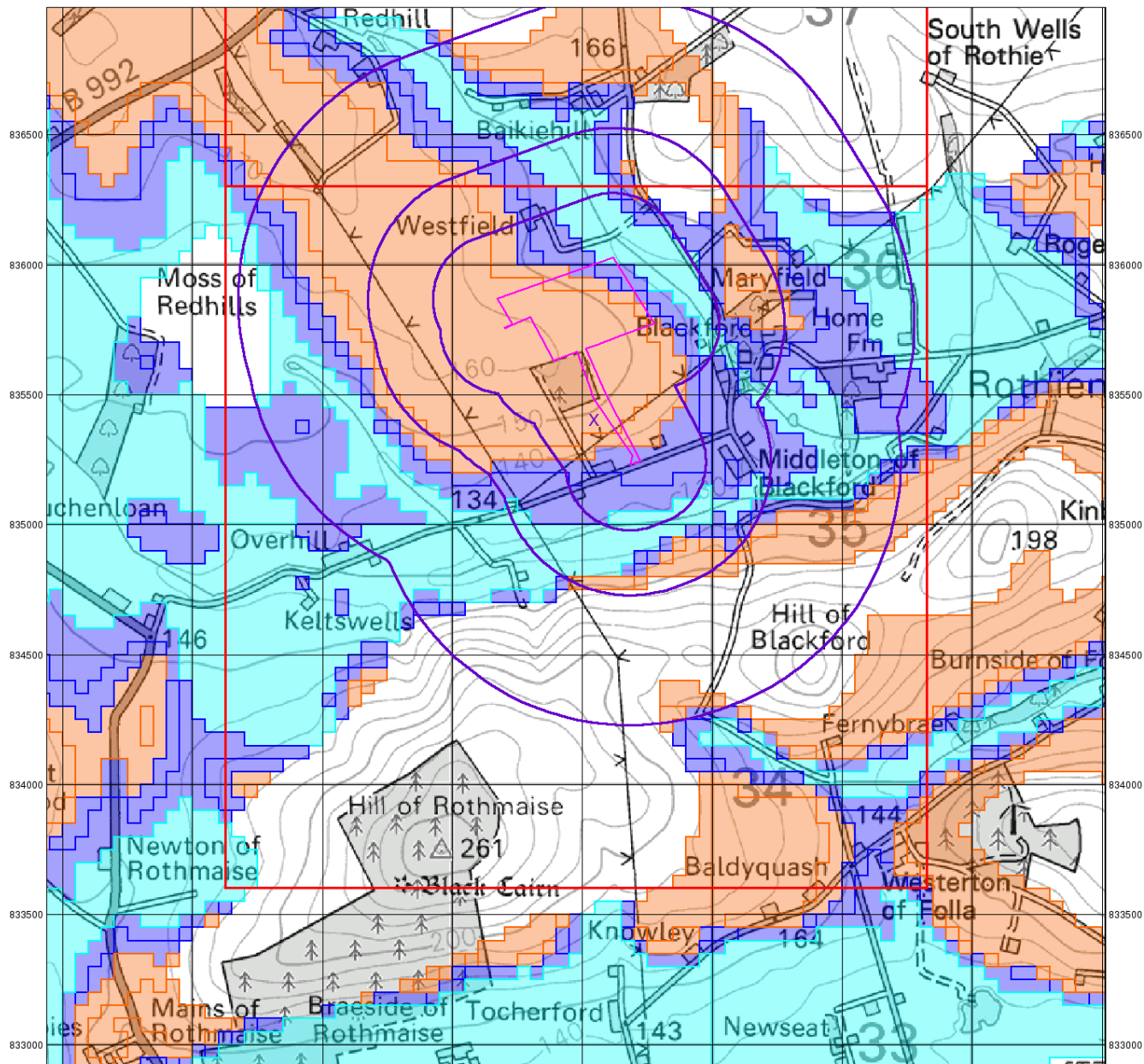
Site Details

Site at, Rothienorman, Aberdeenshire

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367500 368000 368500 369000 369500 370000 370500 371000 371500



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0 1 km

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BGS Flood GFS Data

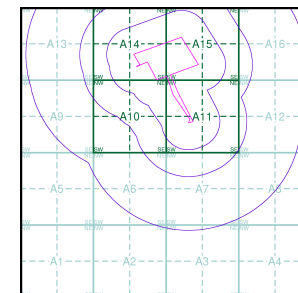
General

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

Agency and Hydrological (Flood)

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

Site Sensitivity Context Map - Slice A



Order Details

Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details

Site at, Rothienorman, Aberdeenshire

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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
	PEAT	Peat	Peat	Not Supplied - Quaternary

Bedrock and Faults

Map Colour	Lex Code	Rock Name	Rock Type	Min and Max Age
	LCTS	North Britain Late Carboniferous Tholeiitic Suite	Quartz-Microgabbro	Not Supplied - LATE MISSISSIPPIAN
	INSUZ	Insch Pluton, Upper Zone	Olivine-Gabbro, Fe-Rich	Not Supplied - Ordovician
	MCD	Macduff Formation	Micaceous Psammite, Semipelite and Pelite	Not Supplied - Neoproterozoic
	MCD	Macduff Formation	Metaconglomerate	Not Supplied - Neoproterozoic
	HFBM	Hill of Foudland Pelite Member	Pelite and Semipelite	Not Supplied - Neoproterozoic
		Faults		

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Geology 1:50,000 Maps

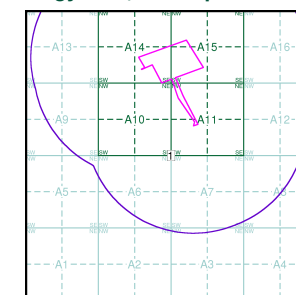
This report contains geological map extracts taken from the BGS Digital Geological map of Great Britain at 1:50,000 scale and is designed for users carrying out preliminary site assessments who require geological maps for the area around the site. This mapping may be more up to date than previously published 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 Sheet No:	086E
Map Name:	Turiff
Map Date:	1995
Bedrock Geology:	Available
Superficial Geology:	Available
Artificial Geology:	Not Available
Faults:	Not Supplied
Landslip:	Not Available
Rock Segments:	Not Supplied

Geology 1:50,000 Maps - Slice A



Order Details:

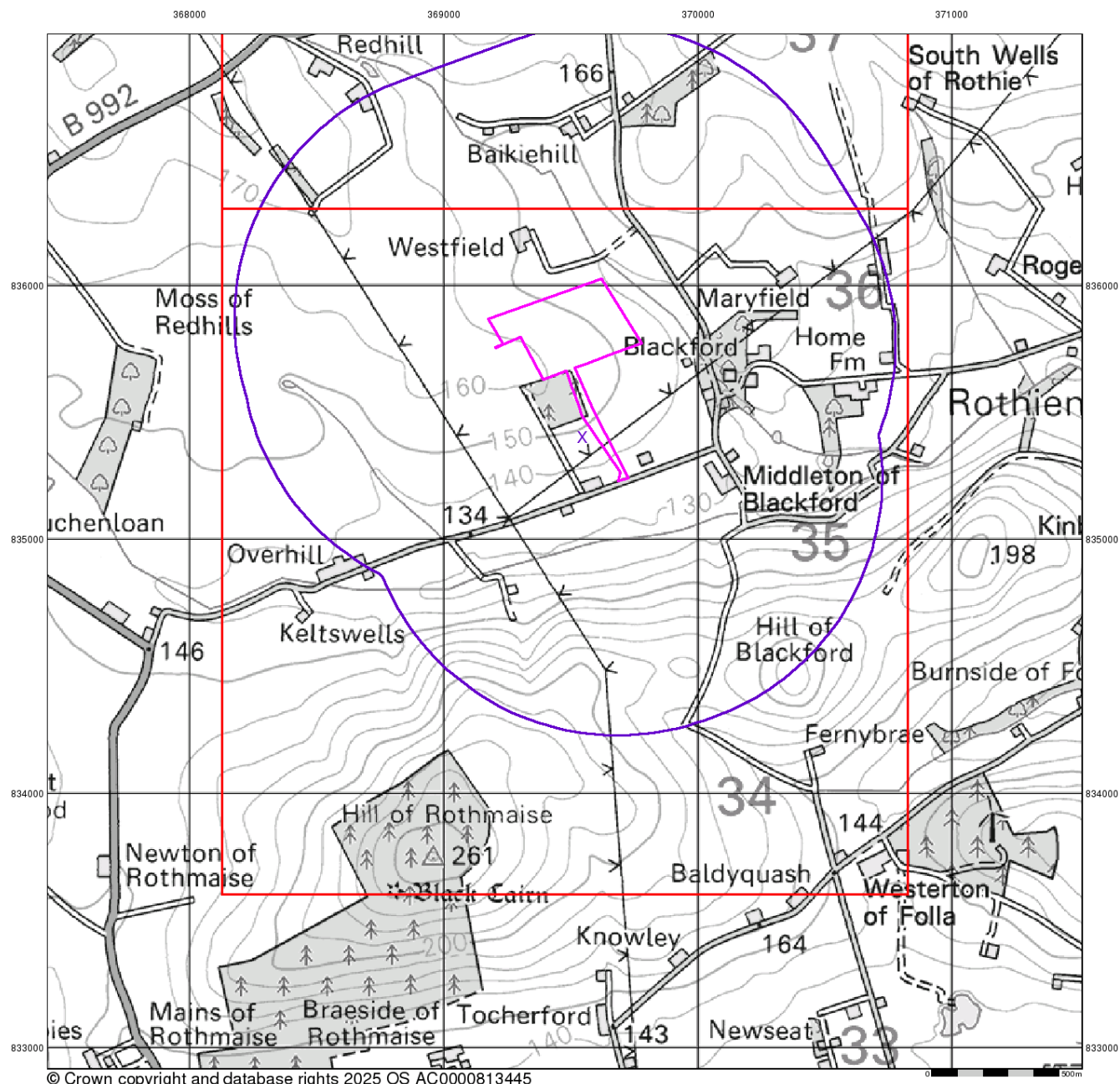
Order Number:	375640468_1_1
Customer Reference:	E12482
National Grid Reference:	369550, 835400
Slice:	A
Site Area (Ha):	14.46
Search Buffer (m):	1000

Site Details:

Site at, Rothienorman, Aberdeenshire

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Artificial Ground and Landslip

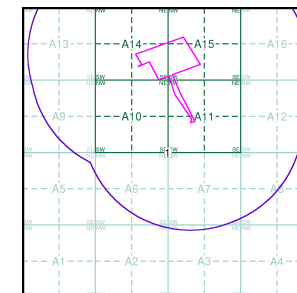
Artificial ground is a term used by BGS for those areas where the ground surface has been significantly modified by human activity. Information about previously developed ground is especially important, as it is often associated with potentially contaminated material, unpredictable engineering conditions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

Artificial ground includes:

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

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

Artificial Ground and Landslip Map - Slice A



Order Details:

Order Number: 375640468_1_1
 Customer Reference: E12482
 National Grid Reference: 369550, 835400
 Slice: A
 Site Area (Ha): 14.46
 Search Buffer (m): 1000

Site Details:

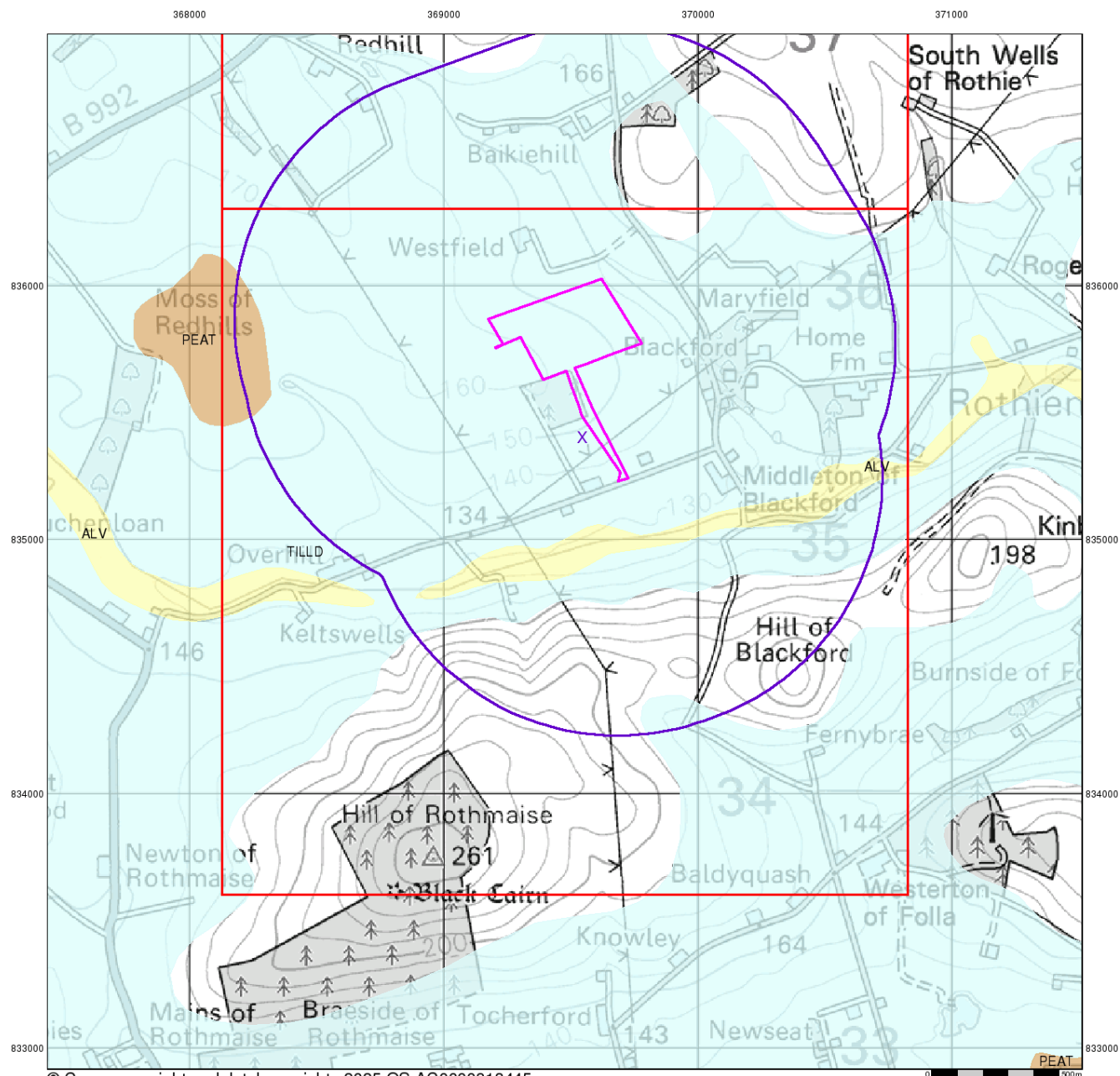
Site at, Rothienorman, Aberdeenshire

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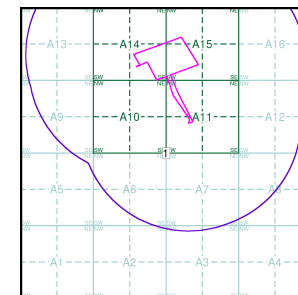
Superficial Geology

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

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

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

Superficial Geology Map - Slice A



Order Details:

Order Number: 375640468_1_1
 Customer Reference: E12482
 National Grid Reference: 369550, 835400
 Slice: A
 Site Area (Ha): 14.46
 Search Buffer (m): 1000

Site Details:

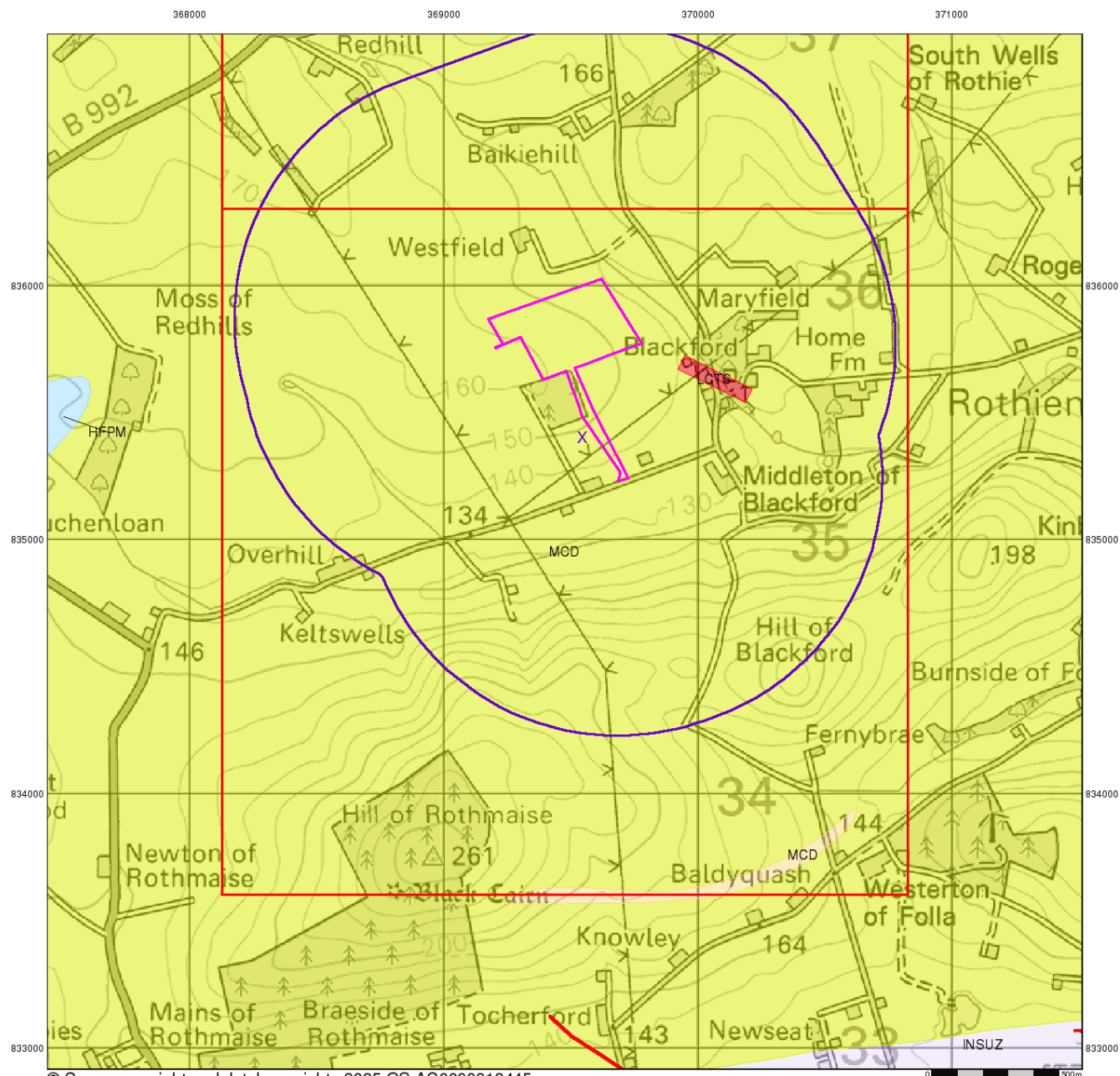
Site at, Rothiemore, Aberdeenshire

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Bedrock and Faults

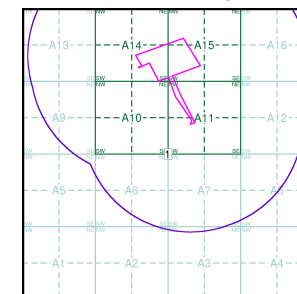
Bedrock geology is a term used for the main mass of rocks forming the Earth and are present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

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

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

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

Bedrock and Faults Map - Slice A



Order Details:

Order Number: 375640468_1_1
Customer Reference: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details:

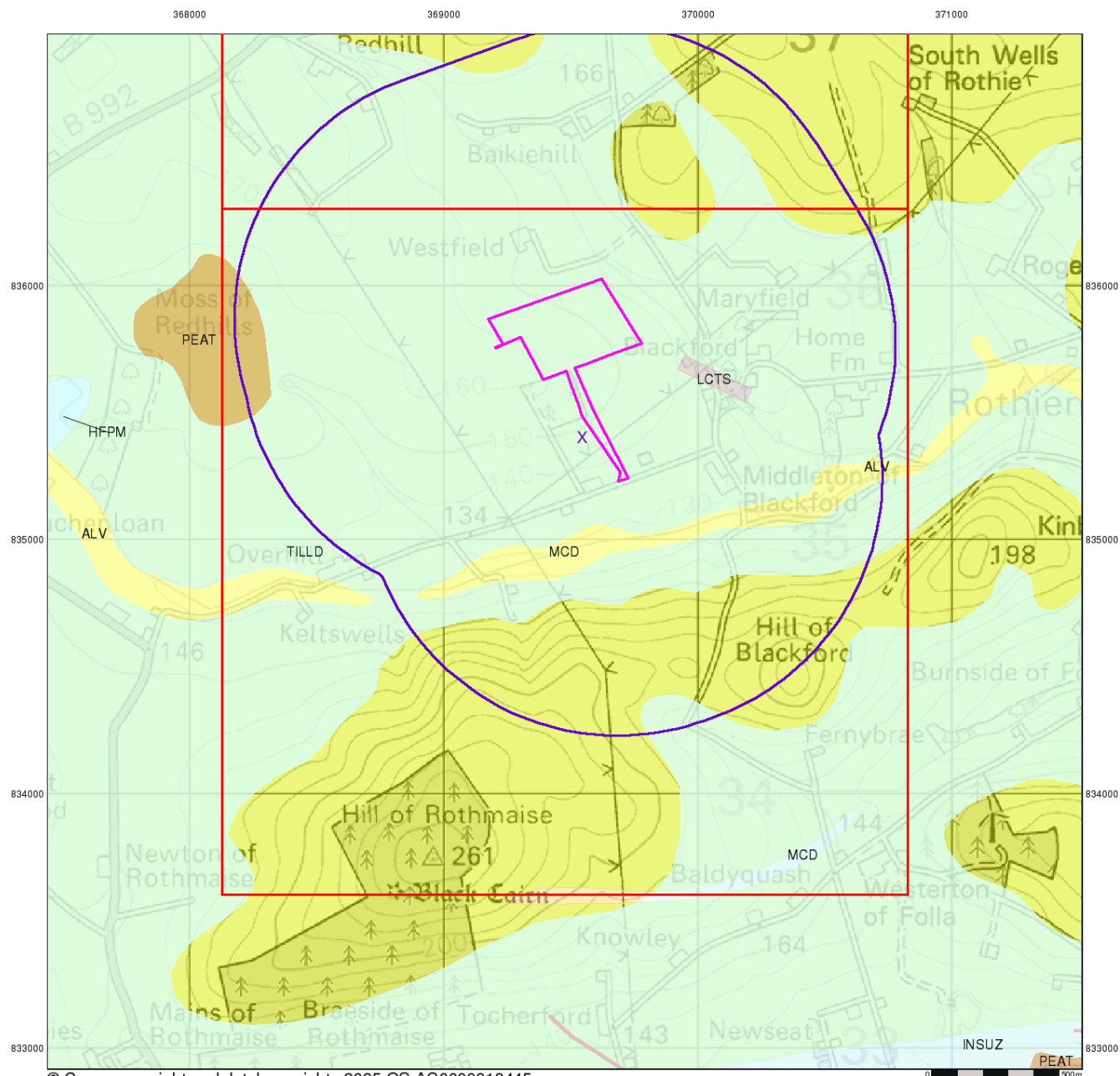
Site at, Rothienorman, Aberdeenshire

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Combined Surface Geology

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

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

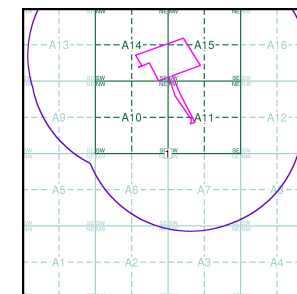
Additional Information

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

Contact

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

Combined Geology Map - Slice A



Order Details:

Order Number: 375640468_1_1
Customer Reference: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details:

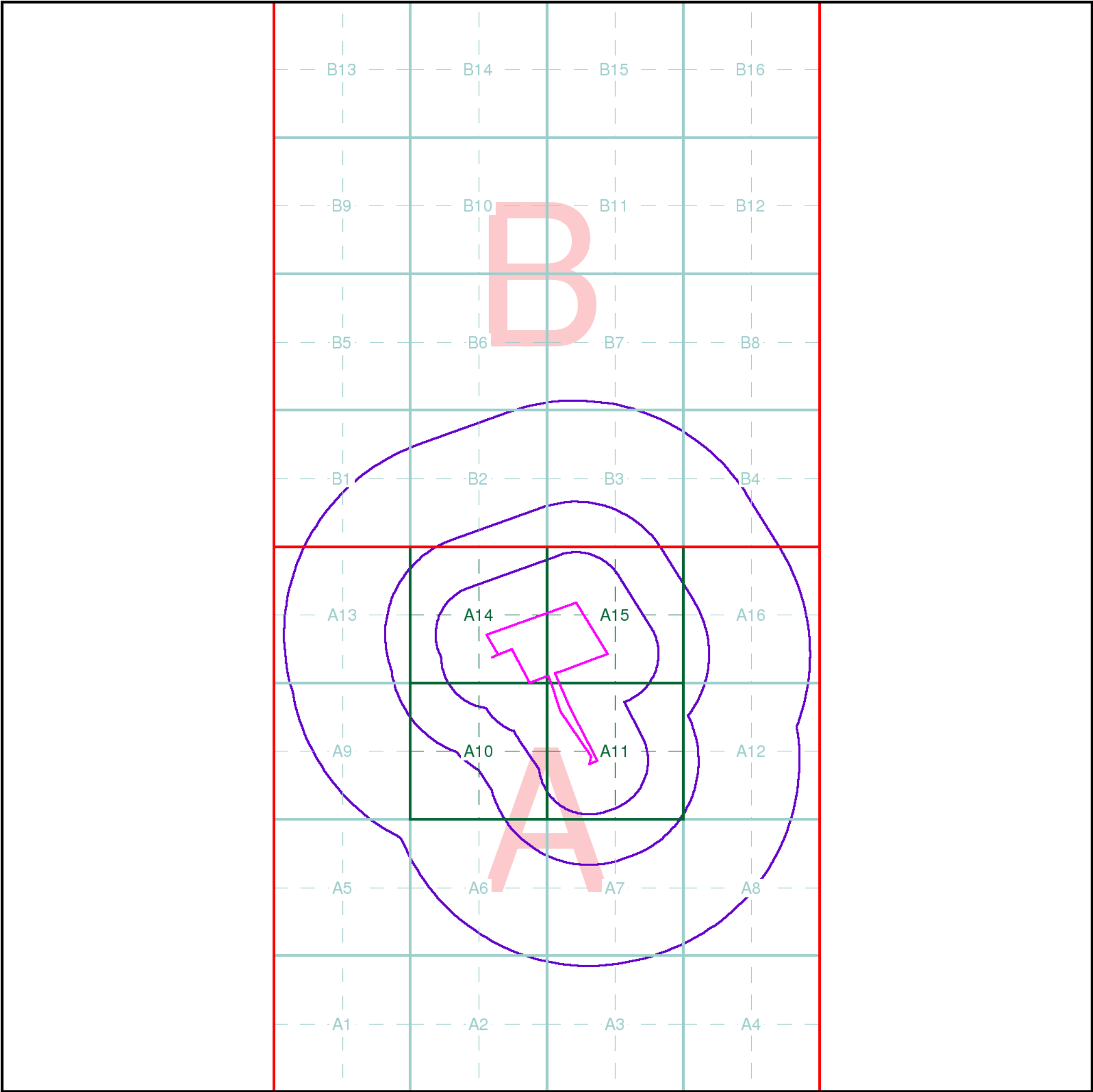
Site at, Rothienorman, Aberdeenshire

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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:



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

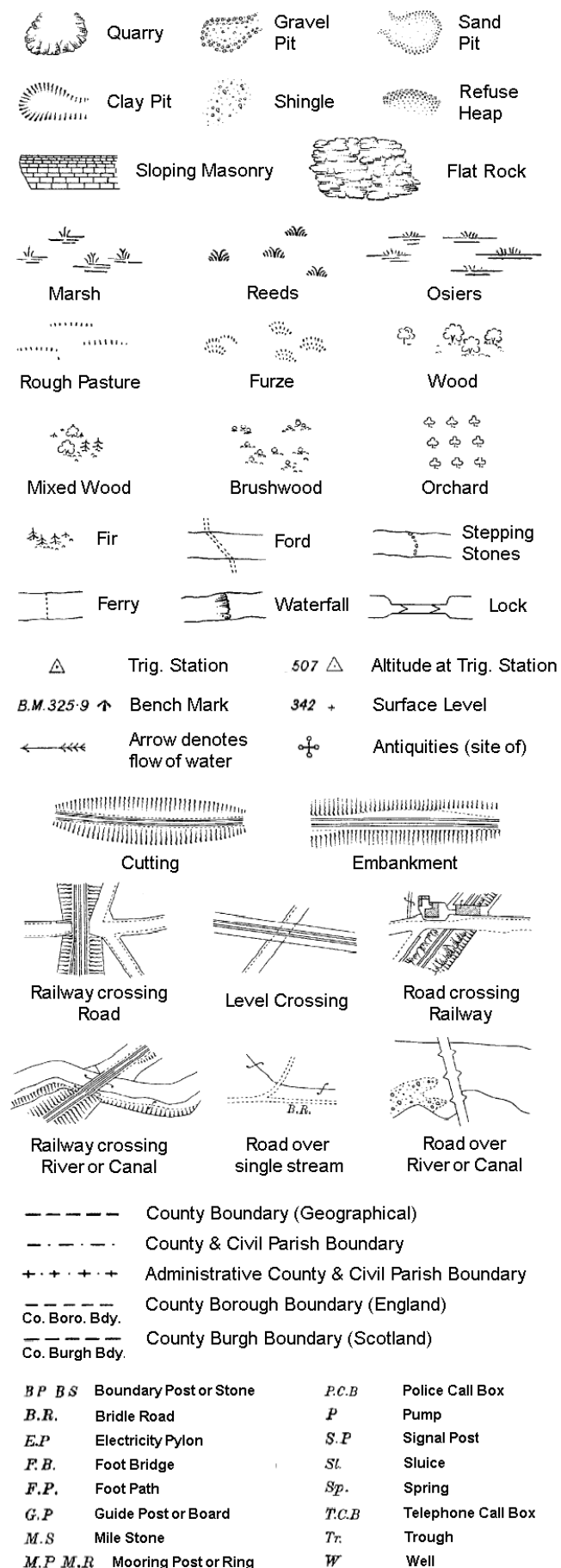
Order Details
Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369500, 835790
Site Area (Ha): 14.46
Search Buffer (m): 1000

Site Details
Site at, Rothienorman, Aberdeenshire

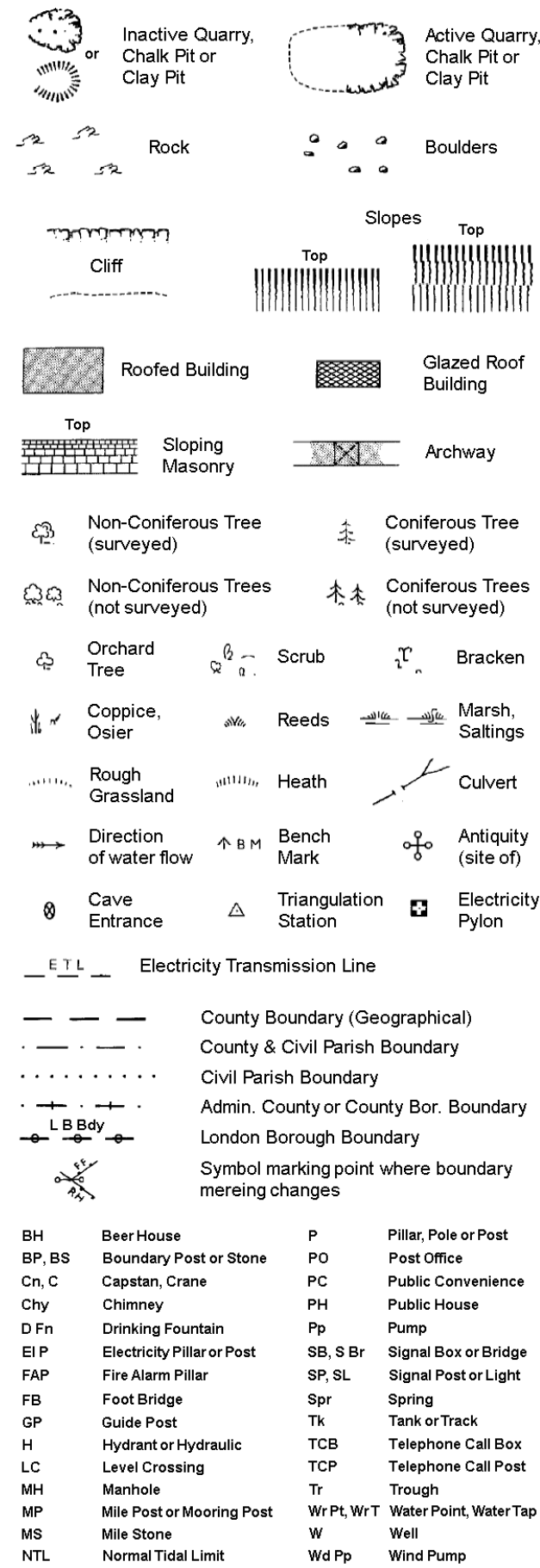
Full Terms and Conditions can be found on the following link:
<http://www.landmarkinfo.co.uk/Terms/Show/515>

Historical Mapping Legends

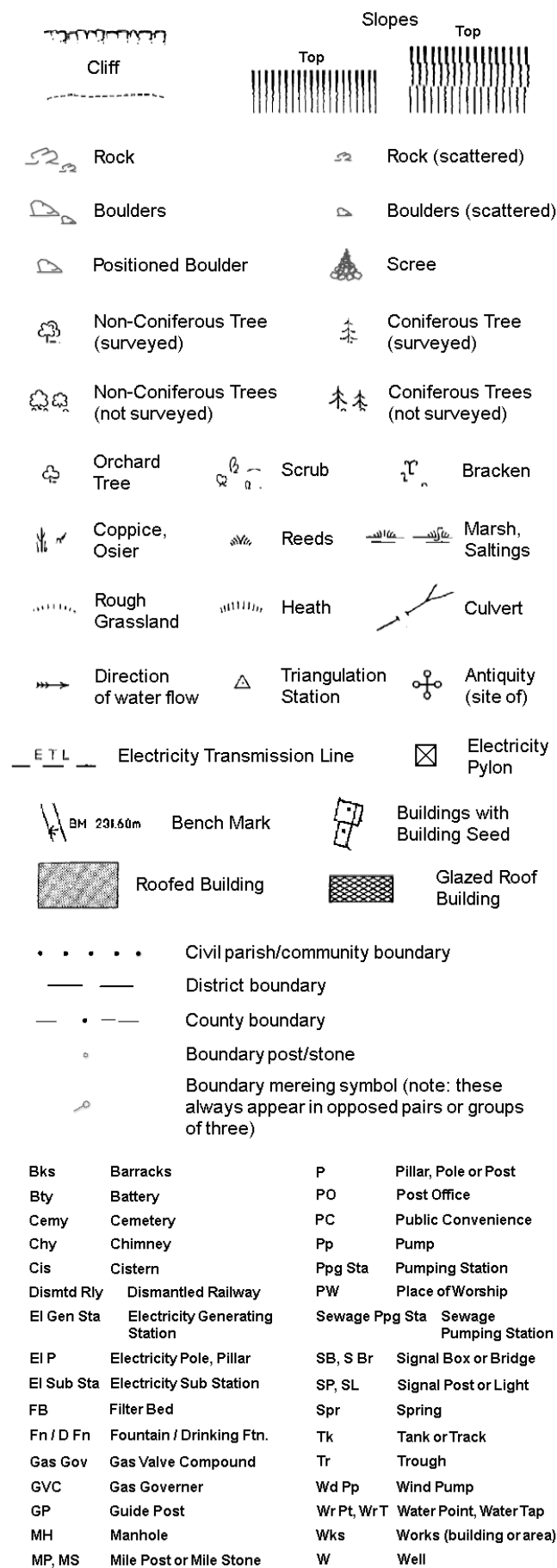
Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



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



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



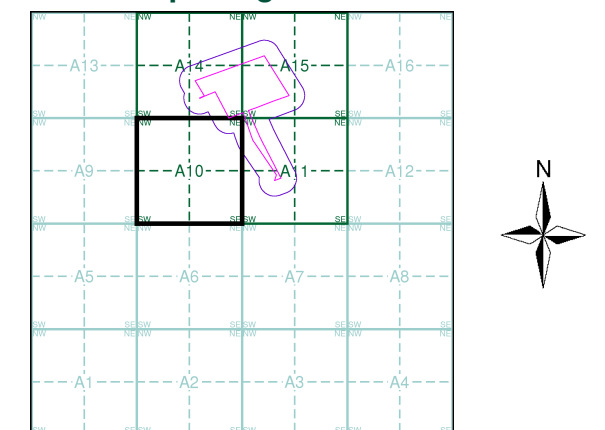
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Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Aberdeenshire	1:2,500	1871	2
Aberdeenshire	1:2,500	1901	3
Ordnance Survey Plan	1:2,500	1977 - 1981	4
Large-Scale National Grid Data	1:2,500	1995	5
Historical Aerial Photography	1:2,500	2006	6

Historical Map - Segment A10



Order Details

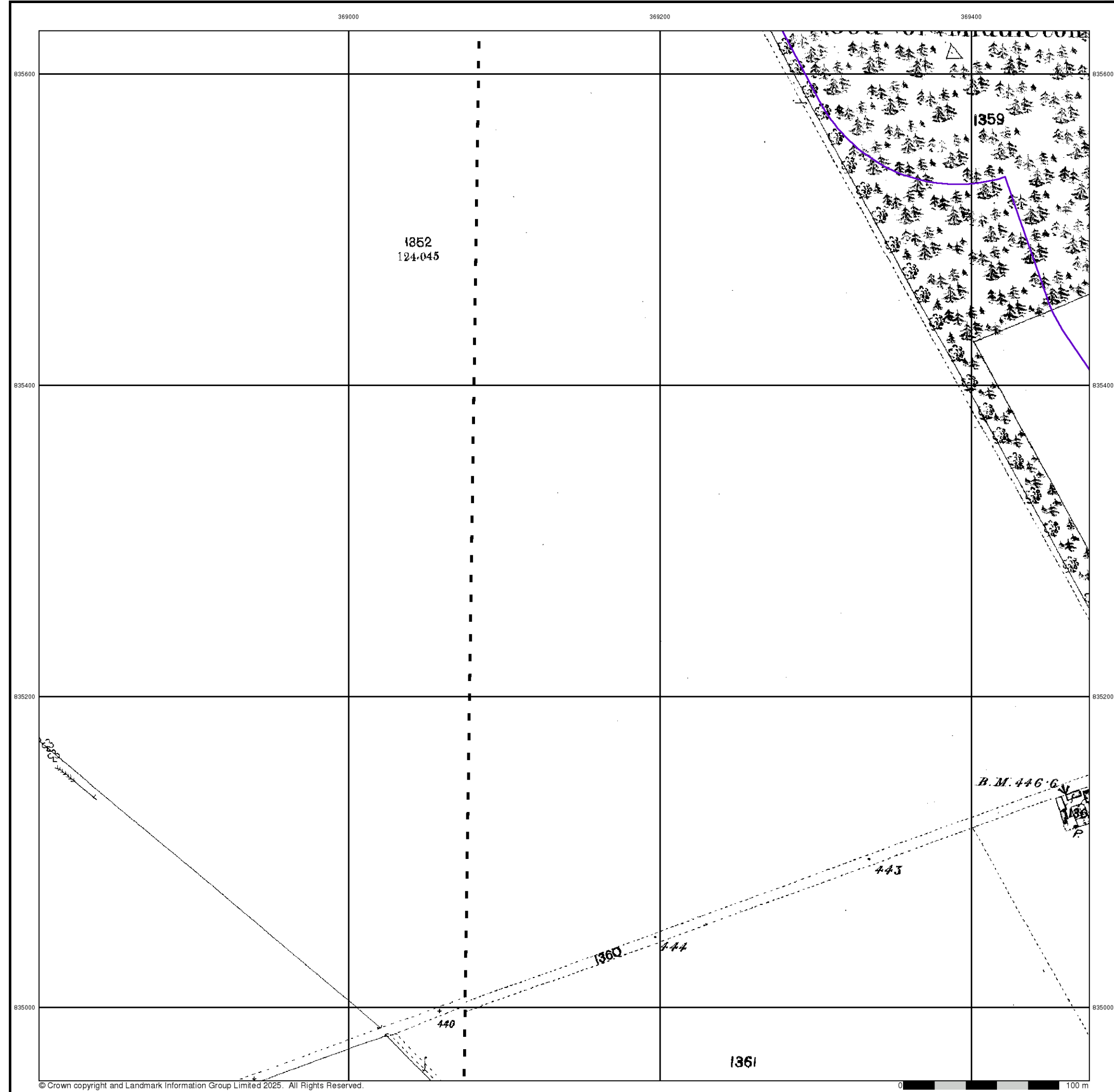
Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 100

Site Details

Site at, Rothienorman, Aberdeenshire

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Aberdeenshire

Published 1871

Source map scale - 1:2,500

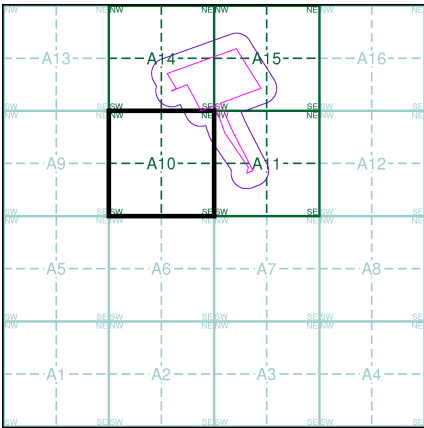
The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain.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

035_04
1871
1:2,500

036_01
1871
1:2,500

Historical Map - Segment A10



Order Details

Order Number:	375640468_1_1
Customer Ref:	E12482
National Grid Reference:	369550, 835400
Slice:	A
Site Area (Ha):	14.46
Search Buffer (m):	100

Site Details

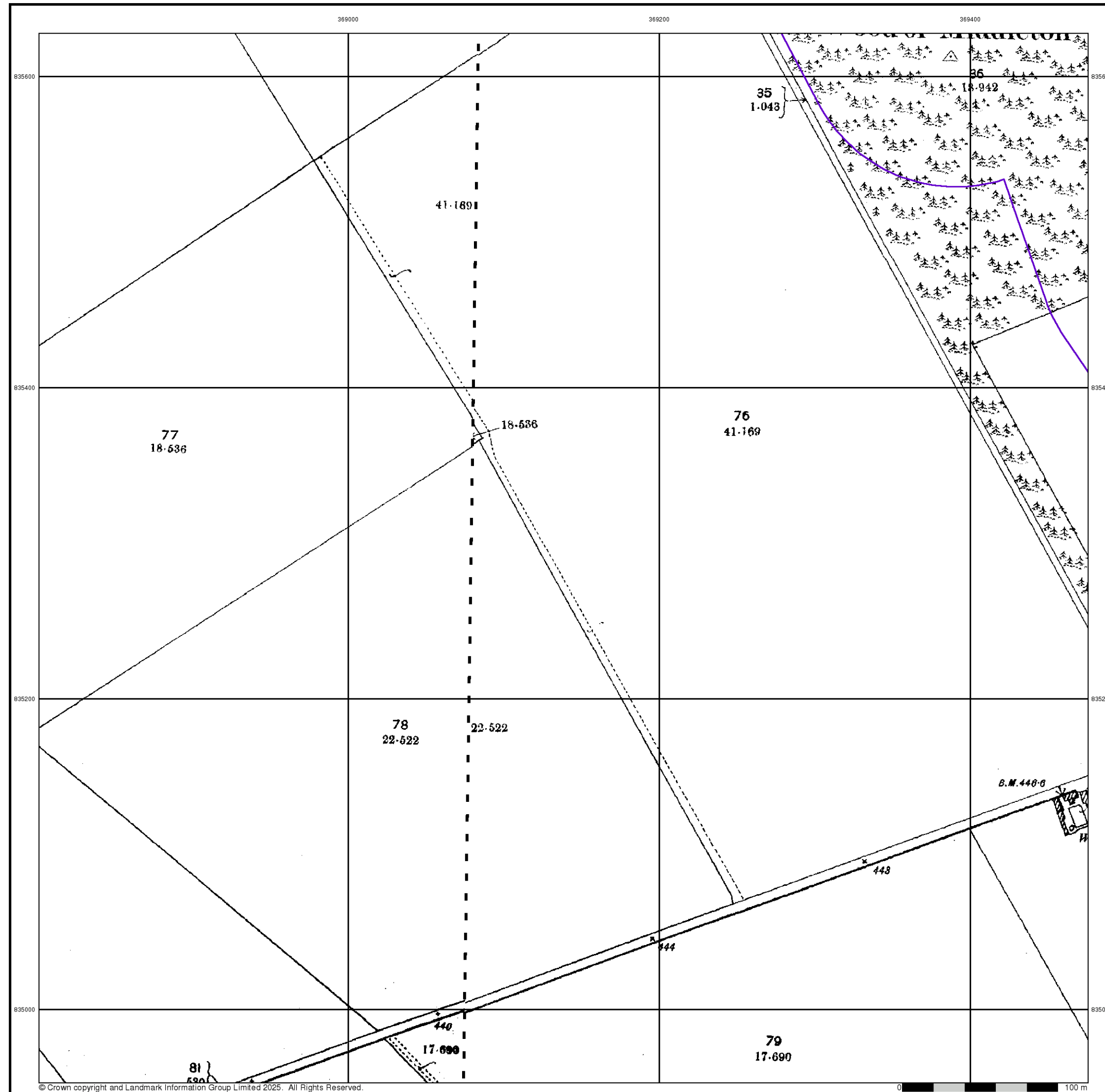
Site at, Rothienorman, Aberdeenshire

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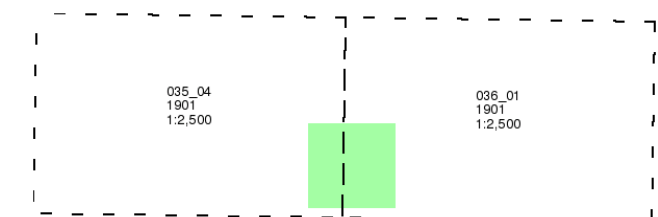
Aberdeenshire

Published 1901

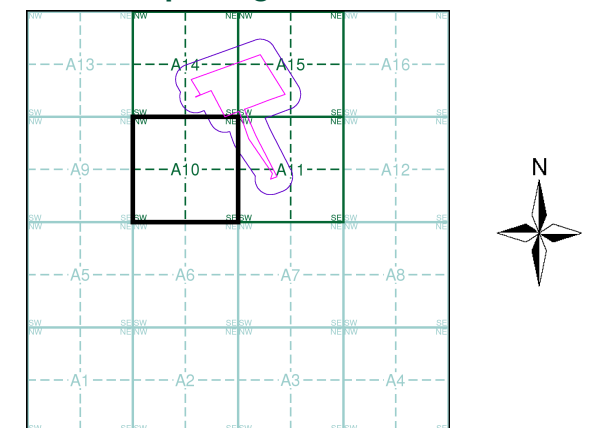
Source map scale - 1:2,500

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

Map Name(s) and Date(s)



Historical Map - Segment A10

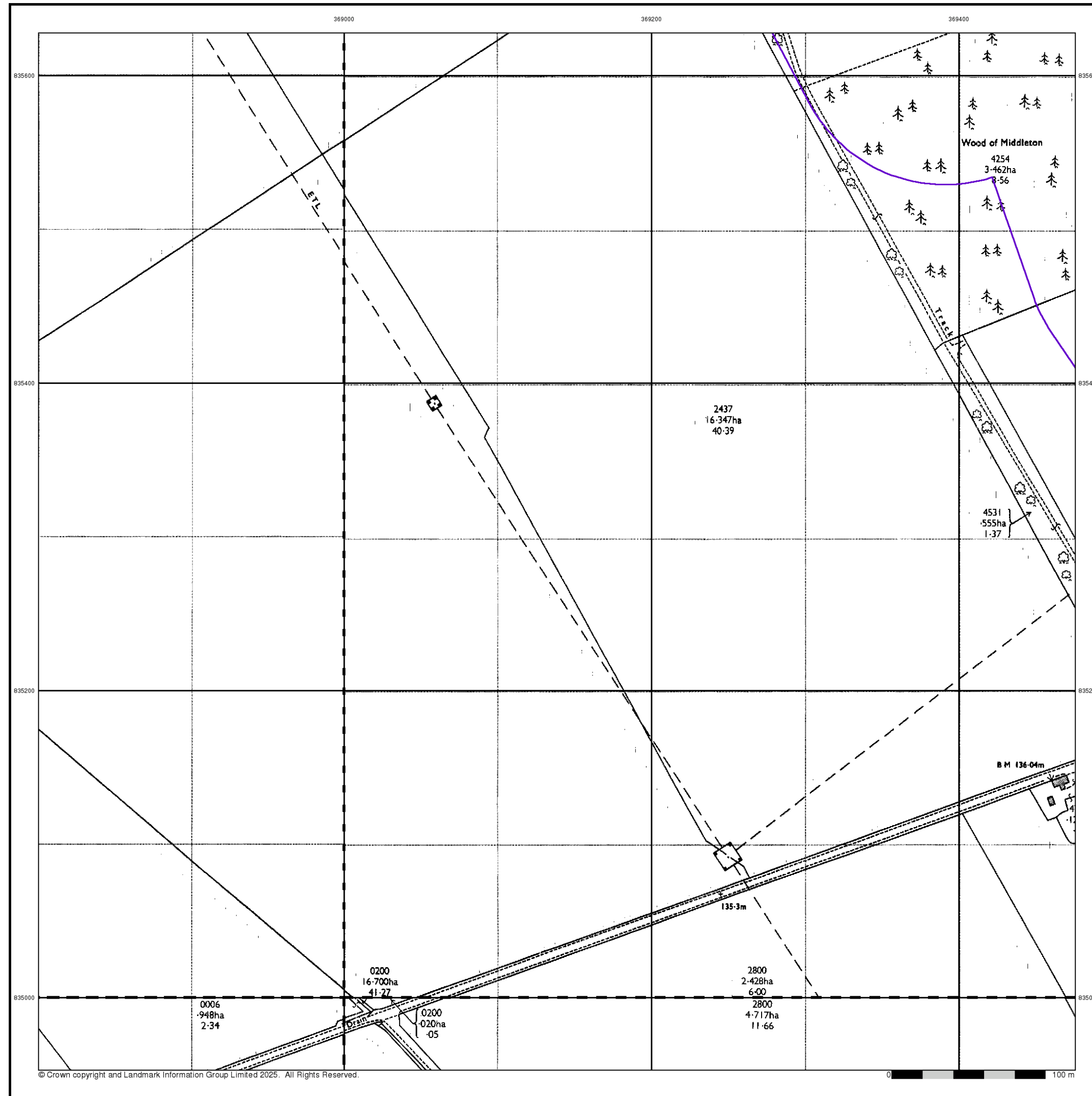


Order Details

Order Number: 375640468_1_1
Customer Ref: E12482
National Grid Reference: 369550, 835400
Slice: A
Site Area (Ha): 14.46
Search Buffer (m): 100

Site Details

Site at, Rothienorman, Aberdeenshire



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Ordnance Survey Plan

Published 1977 - 1981

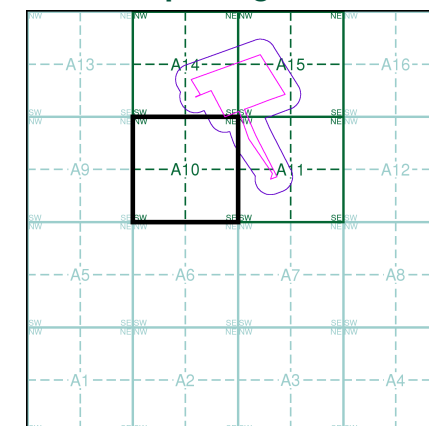
Source map scale - 1:2,500

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Map Name(s) and Date(s)

NJ6835 1981 1:2,500	NJ6935 1981 1:2,500
NJ6834 1977 1:2,500	NJ6934 1977 1:2,500

Historical Map - Segment A10



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