East Midlands Gateway
Phase 2 (EMG2)

Document DCO 6.14E/MCO 6.14E (Part 1 of 3)
ENVIRONMENTAL STATEMENT

Technical Appendices

Appendix 14E

Preliminary Sources Study Affecting Leicestershire County Council

October 2025

14

The East Midlands Gateway Phase 2
and Highway Order 202X and The East Midlands Gateway
Rail Freight and Highway (Amendment) Order 202X

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GEOTECHNICS

Segro Administration Ltd.
East Midlands Gateway 2

Preliminary Sources Study Report for Highway Works affecting Leicestershire Country Council

BWB Ref. No. 220500

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APPENDICES

Appendix 1: Groundsure Report
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1. INTRODUCTION

Instruction

1.1 BWB Consulting (BWB) was instructed by Segro Administration Ltd. (the Client) to undertake a review of, and submit proposals for, the highway infrastructure required to aid the main East Midlands Gateway 2 (EMG2) development, located near Diseworth, Leicestershire.

Overview

- Name of Project: East Midlands Gateway 2 (EMG2)
- Overseeing Organisation: Leicestershire County Council (LCC)
- Overseeing Organisation Ref. No: To be advised.
- Principal Contractor: To be advised.

1.2 A Development Consent Order (DCO) will authorise the Applicant to construct and operate EMG2.

1.3 The EMG2 Main Site is a proposed 3.26 hectare (8.06 acre) logistics park, to be located on land to the south of East Midlands Airport and northeast of Diseworth, with associated highway improvements for both National Highways and for Leicester County Council.

1.4 This report comprises a Preliminary Sources Study Report (PSSR) in accordance with National Highways' Design Manual for Roads and Bridges, CD622 'Managing Geotechnical Risk' (Ref.1) and relates to the proposed road improvement works falling within Leicestershire County Council (LCC) area of authority.

1.5 The EMG2 parameters plan, showing the location of the EMG2 Main Site and access roads, and drawings showing the proposed highways improvements, as listed in **Table 1:1**, are included in the drawings section of this report.

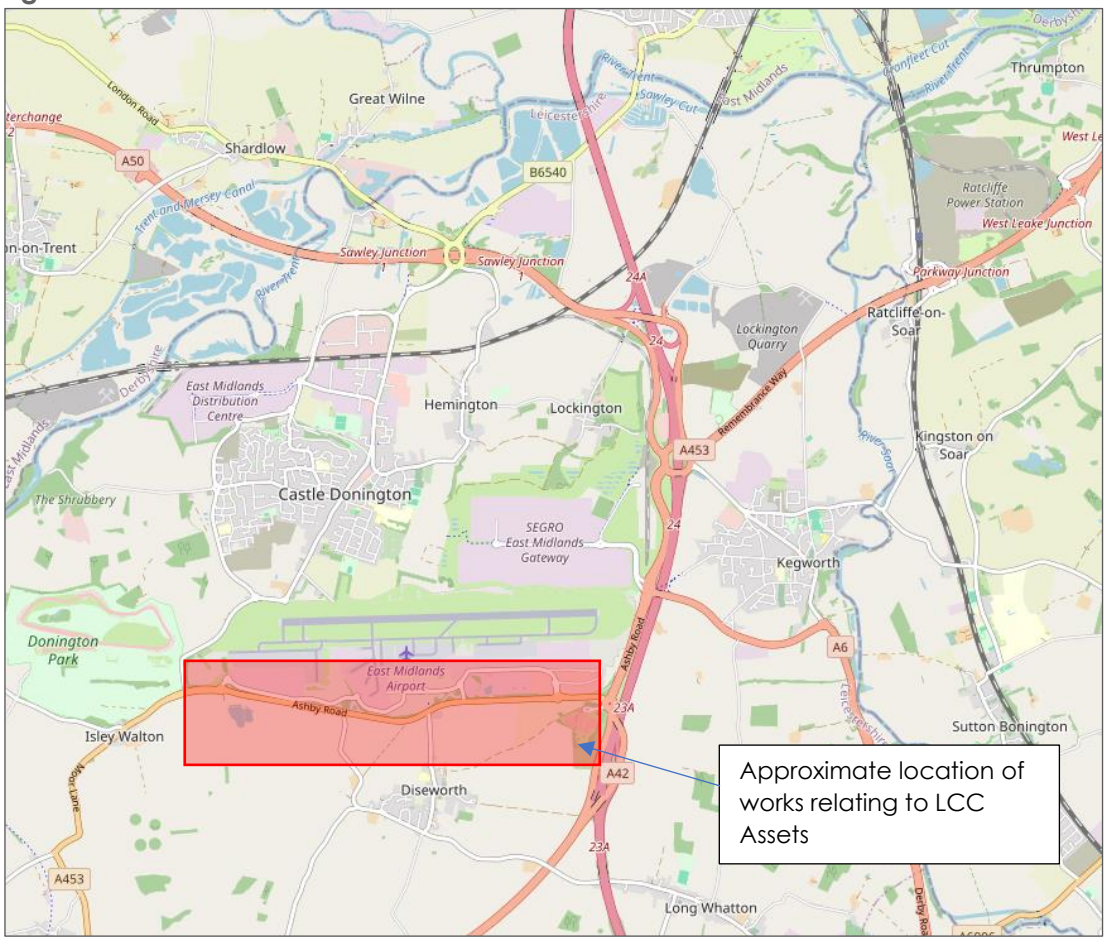
Table 1:1: Scheme Drawings

Drawing No.	Title
EMG2-UMC-SI-01-DR-A-0088	Parameters Plan
EMG2-BWB-HGN-XX-DR-H-0101	Highway Plans General Arrangement Sheet 1 of 3
EMG2-BWB-HGN-XX-DR-H-0102	Highway Plans General Arrangement Sheet 2 of 3
EMG2-BWB-HGT-XX-DR-GI-0653	Exploratory Hole Location Plan (LCC area)

Scheme Overview

1.6 The Ordnance Survey grid reference at the approximate centre of the LCC infrastructure works addressed by this PSSR is 445599 (E), 325108 (N). The site location (area in red) is shown below in **Figure 1:1**.

Figure 1:1: Site Location Plan



1.7 The proposed works consist of the construction of highway infrastructure required to provide access and sufficient capacity to facilitate the EMG2. These works consist of the following:

- Enlargement of the A453 Hunter Road roundabout to provide access into the EMG2 Main Site;
- Changes to Hyam's Lane;
- A new Active Travel Link (footway/cycleway) from the A453 west of Finger Farm Roundabout running north parallel to the M1; and
- Provision of an uncontrolled crossing of the A453 at the East Midland Airport signalised access junction.

1.8 The design life of the EMG2 scheme and its related highway works is to be defined in accordance with the Design Manual for Roads and Bridges and is anticipated to be 120 years.

Geotechnical Risk

1.9 The key geotechnical risks that are envisaged for the project area are detailed in the geotechnical Risk Register, included as **Appendix 6** of this report. The Geotechnical Risk Register will operate as a live document throughout the development of the project.

Geotechnical Category

1.10 It is proposed that the Scheme is classified as Geotechnical Category 2 as defined in CD 622 and BS EN 1997-1 Eurocode 7, as the proposed construction is not anticipated to comprise exceptional risks or abnormal loading conditions.

2. SOURCES OF INFORMATION, DESK STUDY AND REVIEW OF FINDINGS

General

2.1 Sources of geotechnical, geo-environmental, historical, design, as-built, and other information relevant to the scheme are listed below:

- Geological and related mapping and reporting by the British Geological Survey:
  - 1:50,000 geological map Sheet no. 141, Loughborough, Solid & Drift [Ref. 2].
  - 1:10,000 geological map Sheet no. SK42NE, Solid and Drift [Ref. 3].
  - 1: 625,000 Hydrogeological Map [Ref. 5].
- Records available through the BGS online 'Geology of Britain viewer', including historic exploratory hole logs [Ref. 6] (**Appendix 3**).
- Service / utilities records and drawings (**Appendix 5**).
- Existing geotechnical investigation, design and/or As Built reports and assets available through the National Highways' Geotechnical and Drainage Management Service (GDMS).
- Commercially/publicly available desk study information:
  - Commercial geo-environmental searches from Groundsure© (**Appendix 1**)
  - Historical Ordnance Survey (OS) maps (**Appendix 2**)
  - Aerial photographs (Google Earth)
  - Unexploded Ordnance (UXO) Risk Maps
- Reports prepared for the main East Midlands Gateway 2 development site.

Historic Exploratory Hole Records

2.2 The British Geological Survey (BGS) provides access to historical exploratory hole and other records through the BGS Onshore GeoIndex [Ref. 6]. Historical exploratory hole logs were also obtained from the sources listed in Section 2.1 of this PSSR.

2.3 Existing exploratory hole locations are shown on the BGS Onshore GeoIndex website. Exploratory hole records referenced in this PSSR are included in **Appendix 3**:

- Boreholes SK42NE92, SK42NE103, SK42NE160, SK42NE510, SK42NE512 & SK42NE578

Geotechnical and Drainage Management Service (GDMS)

2.4 The Geotechnical and Drainage Management Service (GDMS), formerly HAGDMS, was interrogated for geotechnical and geo-environmental investigations and reports.

2.5 130 engineering investigation and report records were obtained from GDMS, of which six are deemed relevant to the EMG2 works addressed by this PSSR. These are summarised in **Table 2:1** on the following page and included in **Appendix 4** of this PSSR.

Table 2:1: GDMS Reports – relevant for associated LCC highway works

GDMS No.	Scheme	Report	Author	Date
10508	A564 stoke-derby link Derby southern by-pass Isley Walton to M1 section	Factual Report On Preliminary Site Investigation	Exploration Associates (Warwick) Limited	~May 1981
18285	A42 Castle Donington North	Main Site Investigation Contract 2	Scott Wilson Kirkpatrick & Partners	February 1985
3678	A42 Castle Donington North	Ground Investigation Contract 4	Soil Mechanics Limited	August 1988
9826	A42 Castle Donington North	Roadworks Geotechnical Design Report Contract 2: M1 Widening	Scott Wilson Kirkpatrick & Partners	October 1988
29800	East Midlands Strategic Rail Freight Interchange	Geotechnical Design Report – Highway Components vi & vii	Hydrock	August 2017
46351	East Midlands Gateway Strategic Rail Freight Interchange	Factual Ground Investigation Report - Zone 3 Major Trunk Road Improvements	Hydrock	December 2013

Recent Ground Investigations

EMG2 Phase 2: Factual Report on Ground Investigation dated February 2023:

2.6 The ground investigation for the main EMG2 site (ref 765514-01) was undertaken by Structural Soils Ltd. in 2023. This included 27 boreholes, 28 cable percussion boreholes and 39 trial pits covering the main EMG2 site.

2.7 Boreholes CP05, CP02 and BH01 are located <50m of the A453 EMG2 access junction. In summary, they recorded topsoil to 0.35m; over of stiff to very stiff reddish brown sandy/gravelly clay to 6.16m bgl; over extremely weak to weak reddish-brown mudstone with pockets of grey siltstone or occasionally grey clay down to 23.48m bgl; over weak to medium strong reddish-brown fine to medium grain silty sandstone to 24.12m bgl; underlain by extremely weak to weak reddish-brown medium grain mudstone with frequent bed of grey sandstone to >30.75m bgl. No groundwater was encountered or could be determined due to the flush method used.

2.8 Boreholes/trial pits close to Hyam's Lane recorded mostly topsoil to 0.30m; over probable glacial clays to 10.24m bgl; overlaying very/extremely weak reddish-brown mudstone to >23m bgl. However, the thickness of the clay strata beneath the topsoil varied greatly between 2.90m and 15.7m before either bedrock or other strata. Similarly, mudstone was encounters ranged from 3.20m bgl (TP16) to 16.84m bgl (BH12). Layers of sand and/or silt were also encountered in the three of the boreholes. The deepest borehole (BH12) recorded alternating siltstone and mudstone at the very end of the hole from 22.16m to 20.80m bgl. Groundwater strikes were at 17.00m bgl (CP04) and 13.40m bgl (CP07).

East Midlands Gateway SRFI

2.9 A limited ground investigation, undertaken by Hydrock in 2019, was completed within the EMG1 SRFI site a few hundred metres north of the proposed LCC highway works.

Ground Investigation at Land South of East Midlands Airport

2.10 A Factual Report is included as Appendix 3 of Mott MacDonald 'Land South of A453, East Midlands Airport Phase I Geotechnical and Geo-Environmental Desk Study' dated June 2024, ref 100104186/EMA/GEO/003

2.11 Geotechnics Ltd undertook ground investigation for the area of the main EMG2 site north of Hyam's Lane in 2024. This included 5 windowless sample boreholes, 12 trial pits and 8 cone penetration tests.

2.12 The boreholes can be summarised as recording topsoil of very soft/soft dark brown slightly gravelly sandy clay to 0.35m bgl; over light brown becoming reddish-brown slightly gravelly sandy clay to 9.80m bgl; over extremely weak reddish-brown mudstone to >10.18m bgl. Groundwater strikes were encountered at 9.30m bgl (BH01) and 8.30m bgl (BH03).

Geotechnical Laboratory Test Data

2.13 Geotechnical laboratory data is available for soil and rocks from the previous investigations noted above, included in **Appendix 4**. Tests typically comprised:

- Moisture Content;
- Atterberg Limits Classification;
- pH, water soluble sulphate, acid soluble sulphate and/or total sulphur;
- Particle Size Distribution determination;
- Unconsolidated Undrained Triaxial Compression;
- 1-D Oedometer Consolidation;
- Triaxial Effective Stress;
- Uniaxial Compressive Strength;
- Point Load Index Testing.

Project-specific Ground Investigation

2.14 No project specific ground investigations have been completed up to date.

Drawings

2.15 Scheme drawings referenced in this PSSR are listed in **Table 1:1** and are presented in the drawings section of this report.

Existing Services / Utilities

2.16 Four services / utilities plans have been identified for the highway infrastructure associated with EMG2. The plans are presented in **Appendix 5**, namely:

- 2.4069-UCL-DR-MU-FEA-001-EMG2 Access Works - Rev C
- 3.4069-UCL-DR-MU-FEA-001-Finger Farm Roundabout – RevC
- 4.4069-UCL-DR-MU-FEA-001-A453 Footway-Cycleway Link - Rev C

3. SITE DESCRIPTION

Topography

3.1 The general topography of the scheme area was reviewed from topographic surveys and aerial photography (imagery dated 2022, obtained from Google Earth). A summary is provided below in **Table 3:1**.

3.2 The EMG2 works addressed in this PSSR are summarised below:

- The A453 EMG2 access junction comprise approximately 370m length of the A453, south of East Midlands Airport (EMA) and Pegasus Business Park, at c. 87m AOD;
- The section of the Active Travel Link covered by LCC consists approximately 600m. It runs alongside Ashby Road (A453) from east of the A453 EMG2 access junction (90m AOD) and curves up to continue alongside Ashby Road North, (78m AOD);
- Hyam's Lane works consists of 1.16km of road including works on the Hyam's Lane/Grime Gate junction (69m AOD), the majority of the existing lane that runs through the main site, and an extension to connect it to the A453 EMG2 access junction (92m AOD);
- The A453/EMA junction comprises a signalised T-junction to the north west of EMG2 Main Site still south of EMA, and c. 76m AOD.

3.3 The surrounding land uses are summarised in **Table 3:1.**

Table 3:1 Surrounding Land Use

Surrounding land Use	
North	Hedging with a small path running parallel to the A453. More vegetation and grassland behind, with EMA and Pegasus Business Park adjacent.
East	Donington Park Services and surrounding shrubland and pond. This backs onto the A42 and M1, with fields behind. To the northeast the M1 continues along with the A453 (north).
South	Diseworth is located to the southwest with Diseworth Brook running through and continuing south of site. The land directly south is agricultural with a road running east-west.
West	Primarily agricultural land.

Geology

Overview

3.4 Information published by the British Geological Survey (BGS) shows localised Made Ground underlying sections of the Active Travel Link and A42, with an additional three small patches of Worked Ground within the main site (see p104 **Appendix 1**).

3.5 BGS data records show much of the EMG2 site and area north of site to be absent of superficial deposits including most of the A453 and the southern half of Hyam's Lane. The northern half of Hyam's Lane is underlain by Glaciofluvial Deposits (Sand And Gravel) and Oadby Member (Diamicton).. (see p117 **Appendix 1**).

3.6 It is emphasised that the presence and location of superficial deposits is inherently more variable than that for the solid geology, and some variation in the location and extent of these soils is to be expected.

Bedrock Deposits

3.7 The bedrock underlying the majority of the project works is indicated to comprise the Gunthorpe Member (Mudstone), belonging to the Sidmouth Mudstone Formation of the Mercia Mudstone Group (see p108, **Appendix 1**). However, Gunthorpe Member (Siltstone, Dolomitic) underlies parts of the Active Travel link and Hyam's Lane, and Diseworth Sandstone underlies the southwest end of Hyam's Lane.

3.8 Five inferred faults are mapped onsite with a further eight within approximately 500m boundary of the site.

BGS Boreholes Logs

3.9 BGS boreholes relevant to A453 EMG2 access junction are summarised as having topsoil to 0.25m; over 5.12m of firm to hard silty brown or grey-green clay; underlain by bedrock of stiff thinly fissured friable red-brown mudstone recorded as shallow as 1.60m below ground level (bgl) (SK42NE578) and slightly weathered moderately strong grey green siltstone at 4.60m bgl (SK42NE512). Made ground of tarmac over slightly gravelly clay was recorded instead of topsoil for one borehole (SK42NE578). Groundwater strike was encountered once at 5.50m bgl and another borehole recorded seepage at 3.90m bgl.

3.10 Three BGS boreholes in proximity to the Active Travel Link recorded topsoil to 0.20m; over soft to very stiff red brown sandy or silty clay to 5.00m with some siltstone/mudstone lithorelicts and multiple bands of highly weathered mudstone or siltstone from 2.50m – 4.50m bgl. One borehole recorded greenish grey in parts thinly laminated siltstone at 2.20m bgl. No groundwater strikes were recorded.

3.11 Though not relevant to the current scheme, there are additional BGS boreholes located at East Midlands Airport, along the M1, A42 and A453 close to the main EMG2 site and remaining associated developments, as shown in **Table 3:2.**

Table 3:2 BGS Boreholes for EMG2 main site and associated developments

Report	Boreholes	location
Birmingham - Nottingham Route A42 Castle Donington North Main Site Investigation Contact 2	16 Boreholes	On east of main site and east/northeast/southeast of site
M1 Widening Junction 21 to 30 Preliminary GI Contract 2	4 Boreholes	On east of main site and northeast/southeast of main site
A564 Stoke-Derby Link Derby Southern Bypass Isley Walton to M1 Section Preliminary Site Investigation	5 Boreholes	West/northwest/northeast of main site
East Midlands Airport Balancing Area Site Investigation	2 Boreholes	Northwest of main site

Third Party Investigation Logs

3.12 There are no third-party investigation logs relevant to the site.

Groundwater

3.13 Groundwater strikes were recorded between 3.40m and 17.00m bgl in the boreholes referenced by this PSSR.

Hydrogeology

Aquifer Designation

3.14 The Environment Agency (EA) classifies the Glaciofluvial Deposits as Secondary A Aquifers. Secondary A Aquifers are permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers.

3.15 The Oadby Member and Head are undifferentiated Secondary Aquifers, which have been assigned in cases where it has not been possible to attribute either a Secondary A or B category to a rock type.

3.16 The Gunthorpe Member (Mudstone), Gunthorpe Member (Siltstone) And Diseworth Sandstone (Sandstone) are categorised as Secondary B Aquifers, defined as predominantly lower permeability layers which may store and yield limited amounts of groundwater due to localised features such as fissures, thin permeable horizons, and weathering.

3.17 The site is not located within an EA designated Source Protection Zone. The site lies within the Soar - Secondary Combined Water Framework Directive Groundwater Body which recorded a good chemical and overall rating in 2019.

BGS Borehole Data

3.18 The BGS boreholes that recorded groundwater strikes and seepage between 2.50m and 5.50m bgl.

Third Party Ground Investigation Data

3.19 There are no third-party investigation logs relevant to the site.

Abstractions, Discharge Consents and Pollution Incidents

3.20 There are two active abstraction licenses listed within 2km of the site. They are for general farming and domestic use and spray irrigation. Both are located at Whatton House approximately 1250m east of site (12/05/1966).

3.21 There are no current discharge consents to groundwater within 2km of site.

Groundwater Flooding

3.22 The site is located within an area with a negligible to moderate risk of flooding.

Hydrology

Surface Water Features

3.23 Diseworth Brook tributaries flow near to the A453/The Green junction west of the EMG2 Main Site into the Diseworth Brook southwest of site. Both works also have small ponds within 100m northwest and northeast respectively.

Abstractions, Discharge Consents and Pollution Incidents

3.24 There are no active abstraction licenses listed within 2km of the site.

3.25 There are two active offsite discharge consents 260m west of the principal access alternative site relating to trade discharges (site drainage) from East Midlands Airport into Whatton Brook or its tributaries (20/01/1995 and 24/05/1999). Groundsure reports four, however one is erroneously repeated, and one is an updated permit.

3.26 There is one active off-site discharge consent relating to site drainage (contaminated surface water) into the Long Whatton Brook and River Trent within 500m of the site.

3.27 Three pollution incidents are listed within 500m of the site. Two of which involved kerosene and aviation fuel in 2002, one 180m west of Hyam's Lane causing minor impact on water and one 400m northwest of the EMG2 Main Site causing significant impact on water. The final incident involved oil and fuel oils 255m north of site, in 2003 again causing minor impact on water.

Surface Water Flooding

3.28 The site is not indicated to lie within a Zone 2 or 3 flood zone. However, an elevated risk is recorded west of the Active Travel Link and along the Diseworth Brook tributaries including west of Hyam's Lane.

Ground Instability Risk

3.29 Natural ground instability risks are anticipated to be low to negligible across most of the site due to competent soils. Risks are expected to be localised in areas of made ground or alluvium associated with existing surface water features. Risk designations from Groundsure mapping (**Appendix 1**) and inferences from an overview of existing exploratory hole logs, are summarised below:

- The site is not located within an area associated with coal mining.
- A presumed infilled pond is recorded just north of Hyam's Lane where it is planned to be extended.
- Potential for shrinkage and swelling through change in water content is expected to be negligible to very low for the majority of site.
- Potential for freeze/thaw sensitivity is expected to be low in both superficial deposits and solid geology.
- Potential for running sands is anticipated to be negligible to very low within bedrock, although there is a low risk within Alluvial strata.
- The risk of soil collapse is very low across the site. There is low risk of landslides on a small section of the Active Travel Link, the rest of the site presents a very low risk.

Historical Land Use

3.30 Historical Ordnance Survey (OS) mapping for the site area has been reviewed. These maps and plans date from 1884 to 2024. The historical plans reviewed are provided in **Appendix 2**. The key points of the historical development of the site and surrounding area are summarised in **Table 3:3**. All distances quoted are approximate.

Table 3:3 Key Characteristics of Historical Development

Dates	On Site	Off Site
1884 - 1921	The earliest site plans show the main site as largely undeveloped agricultural land. By 1921, a pit with pump is shown where Hyam's Lane is planned to extend northward.	The majority of the surrounding area is agricultural fields with the village Diseworth to the southeast of site, including a **BRICK WORKS** (250m) and **GRAVEYARDS** (200m and 350m). An **OLD GRAVEL PIT** is shown 50m southeast of the modern-day A453/The Green junction. The ***Diseworth Brook*** flows west to east, 300m to the south of site. With a ***ditch*** also flowing away from site 260m south of Hyam's Lane. Two ***small ponds*** are located north of Hyam's Lane, one of which is presumed **INFILLED** by 1921.
1962-1967	The pit with pump is now labelled a pond. Another small ***pond*** is shown in the northeast of site.	Two ***ponds*** are located 100m south of Hyam's Lane. A disused airport is shown directly north of site. By 1966 it is labelled **EAST MIDLANDS AIRPORT**. By 1967, the **M1** has been constructed east of site.
1971-1988	The A5129 is shown (relabelled A453 by 1980), overlaying the small pond in the northeast which is presumed **INFILLED**.	By 1980 the ponds south of Hyam's Lane are shown as pits with a mound in between. By 1988 two **ELECTRICAL SUB STATIONS** are noted 200m and 400m northeast of modern day A453/The Green junction.
1991-1994	No significant change.	Both Finger Farm roundabout and Junction 23A has been constructed and appears much as it does today.
2001-2024	By 2001, the EMG2 access junction is shown. By 2024, the pond north of Hyam's Lane is not shown and presumed **INFILLED**.	By 2010, two ***ponds*** appear 300m south of the Active Travel Link, by the service station. By 2024, a **PETROL STATION** is shown 250m south of the Active Travel Link, as part of Donington Park services.
Potential **SOURCES** in bold and caps. Potential ***Receptors*** in bold and italics.		

Historical Aerial Photography and Imagery

3.31 Aerial photographs/imagery available through Google Earth and included within the Groundsure report show the site in the same layout at the time of writing.

Operational / Company Records

3.32 No operational records have been made available for review as part of this assessment.

Planning History

3.33 The North West Leicestershire District Council Planning Portal was accessed on 19th December 2025. No pertinent environmental information was available for review in relation to the site.

Internet Search / Anecdotal Information

3.34 An online search for historical information showed that the area north of site housed RAF Castle Donington from 1943-1946 before it fell into disuse. It was then in operation as East Midlands Airport from 1965 onwards (www.heritagegateway.org.uk, last accessed 24/01/2025).

Coal Mining

3.35 The site is not located within a coal mining reporting area.

Mining and Mineral Extraction

3.36 The site is not located within an area associated with coal mining.

Historical Land Waste Management

3.37 A full listing of EA, BGS and Local Authority recorded landfills are provided in the Groundsure report presented in **Appendix 1**.

3.38 One historical EA landfill site is located 160m northwest of Hyam's lane, near Grimes Gate. It was reported to have received inert, industrial, commercial and household waste between 1960 and 1970. It is not considered to represent a ground gas risk due to time elapsed since it was last active. The likelihood of landfill leachate impacting on the local groundwater quality is likely to be minimised by the cohesive natural soils in this area.

3.39 There are 79 waste exemptions located within 500m of the site, many of which are agricultural, including: burning of waste in the open; storage of waste is a secure place; use of waste in construction; treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising; deposit of agricultural waste consisting of plant tissue under a Plant Health notice; use of mulch; aerobic composting and associated prior treatment; deposit of waste from dredging of inland waters; treatment of non-hazardous pesticide washings by carbon filtration for disposal; cleaning, washing, spraying or coating relevant waste; and spreading of plant matter to confer benefit.

3.40 Waste exemptions are required for handling small quantities of waste (below the thresholds of waste permitting legislation) or for low-risk waste management activities. Therefore, BWB do not consider them to represent a significant risk to the site.

Unexploded Ordnance (UXO) Risk

3.41 Regional risk maps accessed online from the Zetica website indicate the potential of UXO is low risk within the site boundary.

Ground Gas

3.42 The area south of site in addition to the infilled ponds identified in **Table 3:3** represent possible sources of ground gas. Therefore, a ground investigation is required to determine the ground gas regime on site.

3.43 The site location is in an area where less than 1% of properties are affected by Radon. Radon protection measures are not required as part of the proposed development.

4. SITE RECONNAISSANCE

Site Walkover and description

4.1 A visual inspection will be undertaken for all areas proposed for ground investigation by a suitably qualified geotechnical engineer or engineering geologist. No earthworks (embankments or cuttings) are present on the site. Additional ground investigation is discussed in section 8.

5. GROUND CONDITIONS

General

5.1 Available existing ground investigations and reports have been reviewed to provide a general overview of ground conditions in the wider area and allow the preparation of preliminary ground models for the site.

5.2 In absence of site-specific data, a typical borehole within 50m of site has been used to base the typical ground profiles on, with presumed hardstanding and made ground:

Table 5:1: Typical Ground Model – Central and Eastern Site

Stratum	Typical Profile	Description
Hardstanding	0.0m to 0.3m (base not proven)	
Made Ground	0.3m to 0.8m (base not proven)	
Mercia Mudstone Group (Clay)	0.8m to 3.5m (base not proven)	Brown or reddish brown silty very sandy clays
Weathered Mercia Mudstone Group (Siltstone)	3.5m to 6m (base not proven)	Gravelly clayey sand and slightly gravelly, sandy silty clay with frequent lithorelicts.

Table 5:2: Typical Ground Model – Western site

Stratum	Typical Profile	Description
Hardstanding	0.0m to 0.3m (base not proven)	
Made Ground	0.3m to 0.8m (base not proven)	
Oadby Member or Glaciofluvial deposits	0.3m to 0.9m	Slightly sandy, silty, gravelly clay or slightly silty, slightly gravelly, sandy clay
Weathered Mercia Mudstone Group (Clay)	0.90 to 5.8m (base not proven)	Reddish brown silty clay
Weathered Mercia Mudstone Group (Mudstone)	5.8m to 10m (base not proven)	Gravelly clayey sand and slightly gravelly, sandy silty clay with frequent lithorelicts.

Derivation of Anticipated Parameter Values

5.3 Anticipated material parameter values have been summarised based on existing historical information, Design Reports, and Geotechnical Feedback Reports. These have been considered with reference to published information, soil and rock descriptions, empirical correlations with available data and laboratory test results. The process of interpretation of various key soil and rock parameters is summarised below.

Table 5:3: Parameter Derivation Methodology

Parameter	Symbol	Date
Unit Weight	γ	Unit weights of soil and rock may be derived from Figures 1 and 2 in BS 8002:2015 Code of Practice for Earth Retaining Structures, based on material descriptions.
Bulk and Dry Density	γb, γd.	Bulk and dry densities of soil and rock may be derived from Figures 1 and 2 in BS 8002:2015 Code of Practice for Earth Retaining Structures, based on material descriptions.
Effective Angle of Shearing Resistance	φ'	For coarse grained soils (sands, gravels), correlations with particle size distribution data and material descriptions may be adopted in accordance with Table 1 of BS 8002 [Ref. 8]. For fine grained materials (clays), correlations with plasticity index (PI) are available in accordance with Table 2 of BS 8002 [Ref. 8]. φ' in rocks may be assessed based on values published in Rock Slope Engineering by Hoek & Bray (3rd Edition, 1981).
Apparent effective cohesion	c'	In coarse grained soils where drained conditions are assumed to dominate, a c' of zero is recommended for design.
Undrained Shear Strength	c_U	Undrained shear strength is relevant to fine grained soils (clays). Correlations between plasticity index (PI) and SPT 'N' value may be used to infer undrained shear strength using Figure 31 in CIRIA Report 143 [Ref. 9] according to Stroud (1979). Where plasticity index information is not available, a lower bound correlation of c_U = 4.5 x SPT 'N' value may be adopted.
Coefficient of compressibility	m_v	Compressibility and stiffness typically show a wide scatter in published correlations. A moderately conservative assumption of mv = 1/N may be adopted for soils based on CIRIA Report 143 [Ref. 9]. Historical laboratory test data is also available.
Unconfined Compressive Strength	UCS	UCS may be estimated based on published correlations with rock descriptions. Historical laboratory test data may also be available.
Young's Modulus (drained and undrained)	E' E_U	Compressibility and stiffness typically exhibit a wide scatter in published correlations. A moderately conservative assumption of E = N may be adopted for soils based on CIRIA Report 143 [Ref. 9]. Published correlations with c_U ($E=100c_U$) may also be used for comparison.
Poisson's Ratio	v	Poisson's Ratio for soils and rocks is typically assumed to be between 0.2 and 0.3. Poisson's Ratio in undrained conditions is equal to 0.5.

Preliminary Characteristic Parameter Values

5.4 A summary of preliminary characteristic engineering parameter values is presented below. It is anticipated that these may be refined at later project stages within future Geotechnical Interpretative Report(s) (GIR) and Geotechnical Design Report(s) (GDR).

Table 5:4: Summary of Prelim. Anticipated Ranges for Characteristic Parameter Values

Stratum	Unit Weight, γ'	Effective Angle of Friction, ϕ'	Effective Cohesion, c'	Undrained Shear Strength, c_u	Coefficient of Compressibility, m_v
	kN/m³	deg	kN/m²	kN/m²	MN/m²
Made Ground	19	27	0	100	0.08
Glaciofluvial Deposits	21	26	0	28-355	0.03-0.36
Weathered Mercia Mudstone (clay)	21	27	0	50-300	0.06
Mercia Mudstone Group	21	27	0	50-300	0.06

[1] Unlikely to be encountered and if found is proposed to be removed and replaced.
z = depth below 2m bgl.

6. PRELIMINARY ENGINEERING ASSESSMENT

General

6.1 The information contained within this PSSR indicates there are no unusual geotechnical hazards anticipated in relation to the design and construction of EMG2 infrastructure relating to LCC.

6.2 No key artificial obstacles anticipated from this review of the site history include:

6.3 The above is not likely to present an insurmountable obstacle to the proposed scheme.

6.4 Preliminary engineering assessments presented in this section comprise:

- Cuttings and embankments;
- Re-use of site-won materials;
- Traffic sign foundations;
- Geo-environmental considerations; and
- Concrete in aggressive ground.

Cuttings & Embankments

6.5 The specific extents and geometries of road realignment are unknown at this stage; however, it is envisaged that road realignment will be at-grade, therefore significant earthworks are not expected for the highway works in LCC's area of remit, and slope stability / settlement are not considered to be relevant.

6.6 Site won material is expected to be obtained from other sections of the project outside the scope of this report.

Pavement Foundations

6.7 Ground conditions at the A453 Hunter Road roundabout are expected to comprise weathered Mercia Mudstone materials. Based on experience of this deposit, a preliminary long-term CBR value of 4% (surface subgrade modulus value of 43MPa) may be anticipated.

Re-use of site-won materials

6.8 Site-won materials obtained from other areas of the wider scheme are unlikely to be suitable for re-use as capping or sub-base for the LCC highway modifications.

6.9 Small quantities of arisings may be won from the LCC highway modification works. Those derived from Mercia Mudstone may be suitable for re-use on the wider EMG2 development site, subject to classification testing and a Materials Management Plan. Those derived from Glacio-lacustrine deposits are unlikely to be suitable for re-use on the wider EMG2 site without treatment such as drying, chemical modification or blending.

Traffic Sign Foundations

6.10 The construction of the realignment road will require additional signage to be constructed, which will require foundations.

6.11 The design of foundations for signage and other small structures will be subject to detailed design following ground investigation works.

Geo-Environmental Considerations

6.12 A ground investigation will be undertaken which will investigate the fill and natural materials that are to be involved in the proposed works, and any area of potential contamination will be targeted and subjected to appropriate testing. Any contamination will be mitigated as part of the detailed design.

Concrete in Aggressive Ground

6.13 The natural soils in the area are not believed to pose any particular problems in relation to buried concrete.

6.14 A limited ground investigation, undertaken by Hydrock in 2019, was completed within the SRFI site a few hundred metres north of the proposed LCC highways works.

6.15 Testing of recovered samples for BRE SD1 analysis indicated DS-1 AC-1 conditions to exist at the site, which increased to DS-2 AC-2 where groundwater is encountered.

6.16 Testing for the potential for aggressive ground conditions in relation to buried concrete will be undertaken as part of the future proposed ground investigation works.

7. PROJECT OPTIONS AND RISKS

7.1 The preliminary Geotechnical Risk Register is presented in **Appendix 6**.

7.2 In summary, the main potential geotechnical risks identified at this stage are as follows:

- Potential for localised areas of soft and/or compressible superficial deposits (Alluvium and/ or Made Ground Deposits) at new road alignment locations leading to differential and/ or excessive settlements; and
- Underground services.

7.3 It is proposed that the Scheme is classified as Geotechnical Category 2 as defined in CD 622 and BS EN 1997-1 Eurocode 7 as the proposed construction is not anticipated to comprise exceptional risks or abnormal loading conditions. CDM (2015) Regulations will apply to the project due to the scope, size, and nature of the works.

7.4 Mitigation measures recommended for the next stage of works include a targeted ground investigation prior to detailed design (see **Section 8** below).

8. GROUND INVESTIGATION SCOPING

General

8.1 A review of the existing ground investigation information has been undertaken for the site.

8.2 There is a paucity of existing ground investigation data available for this scheme section, which means that further investigation in advance of detailed design is anticipated to be both exploratory and confirmatory.

8.3 Targeted geotechnical ground investigation is recommended to reduce project risk. BWB considers the requirement for further ground investigation to inform the geotechnical design of the proposed LCC highway modifications refer to drawing EMG2-BWB-HGT-XX-DR-GI-0653 'Exploratory Hole Location Plan' located in Drawing section of this report

Detailed Design Investigations

8.4 A ground investigation is required for the main development site as well, and BWB recommends that the limited GI required for the road realignment is captured when the GI for the main site is carried out. The objects of the proposed ground investigation are to:

- Inform pavement design, including assessment of stiffness of the subgrade to confirm requirements for new pavement construction; and
- Screen for common contaminants in shallow soils.

9. REFERENCES

1. Design Manual for Roads and Bridges, CD 622, Managing Geotechnical Risk, March 2020, Revision 1.

2. British Geological Survey, 1:50,000 geological map Sheet no. 141, Loughborough, Solid & Drift, dated 2001.

3. British Geological Survey, 1:10,000 geological map Sheet no. SK42NE, Solid and Drift, dated 1997.

4. British Geological Survey, 1:10,000 geological map Sheet no. SK42SE, Solid and Drift, dated 1997.

5. British Geological Survey, 1:625,000 Hydrogeological Map.

6. BGS Onshore GeoIndex viewer, accessed December 2024/January 2025. https://mapapps2.bgs.ac.uk/geoindex/home.html

7. BS 8002:2015 – Code of practice for earth retaining structures, Jun 2015

8. CIRIA Report R143 The standard penetration test (SPT): methods and use: 1995

DRAWINGS

East Midlands Airport

A453

Uncontrolled crossing provided at A453 signal junction

Footpath from the A453 into the Community Park (connecting to Hyam's Lane)

Private access closed and verge reinstated

Hunter Road roundabout capacity improvement and additional arm to provide access to EMG2

Existing shared use footway / cycleway widened to 3m

Toucan crossing

Highway boundary

Toucan crossing

Cutline - See Sheet 2

Finger Farm roundabout

Cutline - See Sheet 2

Donington Motorway Service Area (Moto)

Footpath from Hyam's Lane into the main site landscaping area (connecting to Long Holden)

Hyam's Lane converted to a cycle track (for use by pedestrians and cyclists)

Toucan crossing

Hyam's Lane converted to a shared use cycle track (for use by pedestrians and cyclists) plus emergency access

Hyam's Lane

Roadmarkings amended at J23A northbound merge to increase weaving length to J24

A42

M1

J23A

Hyam's Lane becomes shared use cycle track east of this point, it is also the emergency access route into EMG2

Footpath from Hyam's Lane into the Community Park (connecting to the A453)

Turning head

Cycle signage provided at junction

Bridleway from Hyam's Lane into the Community Park (connecting to Long Holden) along with connections to Footpaths L46 and L47

Tie into existing surfaced section of Hyam's Lane

Eastern section of Hyam's Lane to be surfaced

Diseworth

Bridleway from Long Holden into the Community Park (connecting to Hyam's Lane)

Long Holden gated at this point with bypass arrangement for walkers, cyclists and horse-riders

Footpath from Long Holden into the main site landscaping area (connecting to Hyam's Lane)

Long Holden

Cutline - See Sheet 4

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J:\2022\220500-East Midlands Gateway Phase 2\ProjectDelivery\01-WIP\Drawings\EMG2-BWB-HGN-XX-DR-H-0101to0104_Document DCO 2.8_EMG2 Highway Plans GAs.dwg

Legend

1. All dimensions in metres unless noted otherwise. All levels in metres unless noted otherwise.
2. The height of proposed bridges, embankments and depths of cuttings are indicative subject to the limits of deviation referred to in the order.
3. All structure positions and sizes shown are indicative only.
4. The proposed works including their specific alignment will be subject to detailed design within the limits of deviation identified on the works plans.

- Highway Drainage Outfalls
- Proposed Design
- Draft Order Limits
- Chainage Lines
- Cross section location

0 50 100 150 200

SCALE: METRES

Highway Plans Cross Sections

Refer to document DCO 2.9A for:
- Hyam's Lane (Section A-A, B-B)
- EMG2 Access (A453) (Section C-C)

Refer to document DCO 2.9B for:
- Active Travel Link (Section D-D, E-E)
- M1 Northbound to A50 Westbound Interchange Link (Section F-F)
- L57 Shared Use Cycle Track (Sections M-M & N-N)

Refer to document DCO 2.9C for:
- M1 Northbound to A50 Westbound Interchange Link (Section G-G, H-H, I-I)
- A50 Westbound Interchange Link (Section J-J)
- A50 Eastbound (Sections K-K & L-L)

Highway Plans Long Sections

Refer to document DCO 2.10A for:
- M1 Northbound to A50 Westbound Interchange Link
- A50 Westbound Interchange Link

Refer to document DCO 2.10B for:
- A50 Eastbound to M1 J24 Interchange Link
- M1 Southbound to M1 J24 Interchange Link

Refer to document DCO 2.10C for:
- Active Travel Link
- EMG2 Access
- L57 Shared Use Cycle Track

Refer to document DCO 2.10D for:
- Hyam's Lane

A453 Bridge Plan

Refer to document DCO 2.11

Rev	Date	Details of issue / revision	Drw	Rev
P07	31.07.25	Issued for DCO Submission	JFP	SRH
P06	27.06.25	Cross section locations and references added	MS	SRH
P05	16.06.25	Hyams Ln, M1 NB merge & A453 works updates	MS	SRH
P04	26.01.25	Legend & notes updated	MS	SRH
P03	16.01.25	Minor highway revisions	MS	SRH
P02	20.12.24	Dwg frame update, minor highway revisions	MS	SRH
P01	15.11.24	Issued for information	MS	SRH

ISSUES & REVISIONS

SEGRO

THE EAST MIDLANDS GATEWAY PHASE 2 AND HIGHWAY ORDER 202[ ]

Drawing Title

HIGHWAY PLANS GENERAL ARRANGEMENT SHEET 1 OF 4

Scale	1:2500	Drawn	M.S
Size	A1	Reviewed	S.H

Regulation: **6(2)**

Document: **DCO 2.8A**

Drawing Status: **DCO SUBMISSION**

Drawing No.: **EMG2-BWB-HGN-XX-DR-H-0101**

Revision: **P07**

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GRID NORTH

Cutline - See Sheet 3

A6 Kegworth Bypass

Existing gantry removed

M1 diverge to A50 free flow link: Layout A Option 2

Exit datum point (new diverge to A50)

M1

A453

3.3m wide hard shoulder

EMG1 access junction capacity improvement

Gantry mounted directional sign replaced

M1

Highway boundary

EMG1 Access Road (Wilders Way)

A453

3m shared use footway/cycleway along line of former A453 carriageway

LCC/NH boundary along cycle track

East Midlands Airport

Gantry mounted directional sign replaced

M1

New gantry mounted directional sign and signals

Signage amendments at Finger Farm roundabout

A453

3m shared use footway/cycleway within EMA land behind A453 lay-by

M1

A42

M1

A42

Finger Farm roundabout

Cutline - See Sheet 1

Donington Motorway Service Area (Moto)

Public footpath L45 upgraded to cycle track along line of former A453 (maintenance access to EMA retained)

Additional 42m of two lanes on exit to provide increased length for merging traffic

Cutline - See Sheet 1

For footway L57 upgrade works, see inset A.

Inset A

Castle Donington

Footpath L57 upgraded to a shared use footway/cycleway (cycle track)

Diseworth Lane

Legend

1. All dimensions in metres unless noted otherwise. All levels in metres unless noted otherwise.
2. The height of proposed bridges, embankments and depths of cuttings are indicative subject to the limits of deviation referred to in the order.
3. All structure positions and sizes shown are indicative only.
4. The proposed works including their specific alignment will be subject to detailed design within the limits of deviation identified on the works plans.

- Highway Drainage Outfalls
- Proposed Design
- Draft Order Limits
- Chainage Lines
- Cross section location

0 50 100 150 200

SCALE: METRES

Highway Plans Cross Sections

Refer to document DCO 2.9A for:
- Hyam's Lane (Section A-A, B-B)
- EMG2 Access (A453) (Section C-C)

Refer to document DCO 2.9B for:
- Active Travel Link (Section D-D, E-E)
- M1 Northbound to A50 Westbound Interchange Link (Section F-F)
- L57 Shared Use Cycle Track (Sections M-M & N-N)

Refer to document DCO 2.9C for:
- M1 Northbound to A50 Westbound Interchange Link (Section G-G, H-H, I-I)
- A50 Westbound Interchange Link (Section J-J)
- A50 Eastbound (Sections K-K & L-L)

Highway Plans Long Sections

Refer to document DCO 2.10A for:
- M1 Northbound to A50 Westbound Interchange Link
- A50 Westbound Interchange Link

Refer to document DCO 2.10B for:
- A50 Eastbound to M1 J24 Interchange Link
- M1 Southbound to M1 J24 Interchange Link

Refer to document DCO 2.10C for:
- Active Travel Link
- EMG2 Access
- L57 Shared Use Cycle Track

Refer to document DCO 2.10D for:
- Hyam's Lane

A453 Bridge Plan

Refer to document DCO 2.11

Rev	Date	Details of issue / revision	Drw	Rev
P07	31.07.25	Issued for DCO Submission	JFP	SRH
P06	27.06.25	Cross section locations and references added	MS	SRH
P05	16.06.25	M1 northbound amended	MS	SRH
P04	28.01.25	Legend & notes updated	MS	SRH
P03	16.01.25	Minor highway revisions	MS	SRH
P02	20.12.24	Dwg frame update, minor highway revisions	MS	SRH
P01	15.11.24	Issued for information	MS	SRH

ISSUES & REVISIONS

SEGRO

THE EAST MIDLANDS GATEWAY PHASE 2 AND HIGHWAY ORDER 202[ ]

Drawing Title

HIGHWAY PLANS GENERAL ARRANGEMENT SHEET 2 OF 4

Scale	1:2500	Drawn	M.S
Size	A1	Reviewed	S.H

Regulation: **6(2)**

Document: **DCO 2.8B**

Drawing Status: **DCO SUBMISSION**

Drawing No.: **EMG2-BWB-HGN-XX-DR-H-0102**

Revision: **P07**

East Midlands Airport

A453

A453

A453

Finger Farm roundabout

Donington Motorway Service Area (Moto)

Hyam's Lane

WS01

WS02

WS03

SK42NE506
SK42NE507
SK42NE508
SK42NE509
SK42NE510
SK42NE511
SK42NE513
SK42NE159
SK42NE514
SK42NE512
SK42NE157
SK42NE158
SK42NE581
SK42NE578
SK42NE580
SK42NE579
SK42NE527
SK42NE160
SK42NE154
SK42NE92
SK42NE93
SK42NE707
SK42NE81
SK42NE8
SK42NE711

Notes

1. Do not scale this drawing. All dimensions must be checked/ verified on site. If in doubt ask.
2. This drawing is to be read in conjunction with all relevant architects, engineers and specialists drawings and specifications.
3. All dimensions in metres unless noted otherwise. All levels in metres unless noted otherwise.
4. Any discrepancies noted on site are to be reported to the engineer immediately.

Legend

Proposed Trial Pit / Borehole

Historic Trial Pit / Borehole

Rev	Date	Details of issue / revision	Drw	Rev
P02	20.08.25	WS04 removed	SRH	GS
P01	08.08.25	For Information	RT	GS

Issues & Revisions

BWB
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Birmingham | 0121 233 3322
Leeds | 0113 233 8000
London | 020 7407 3879
Manchester | 0161 233 4260
Nottingham | 0115 924 1100
[redacted]

Client

SEGRO

Project Title

EAST MIDLANDS GATEWAY - PHASE 2

Drawing Title

LCC Highway Works: Exploratory Hole Location Plan

Drawn:	[redacted]		Reviewed:	[redacted]	
BWB Ref:	220500	Date:	08.08.25	Scale@A1:	1:2,500

Drawing Status

FOR INFORMATION

Project - Originator - Zone - Level - Type - Role - Number	Status	Rev
EMG2-BWB-HGT-XX-DR-GI-0653	S1	P02

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J:\2022\220500-East Midlands Gateway Phase 2\ProjectDelivery\01-WIP\Drawings\GS\EMG2-BWB-HGT-XX-DR-GI-0001 - Location Plan & Geological Long Sections (updated plan).dwg

APPENDICES

Appendix 1: Groundsure Report

Groundsure
LOCATION INTELLIGENCE

Enviro+Geo Insight

East Midland Gateway, A453 (LCC Land)

Order Details

Date: 13/12/2024

Your ref: 220500 - 10260

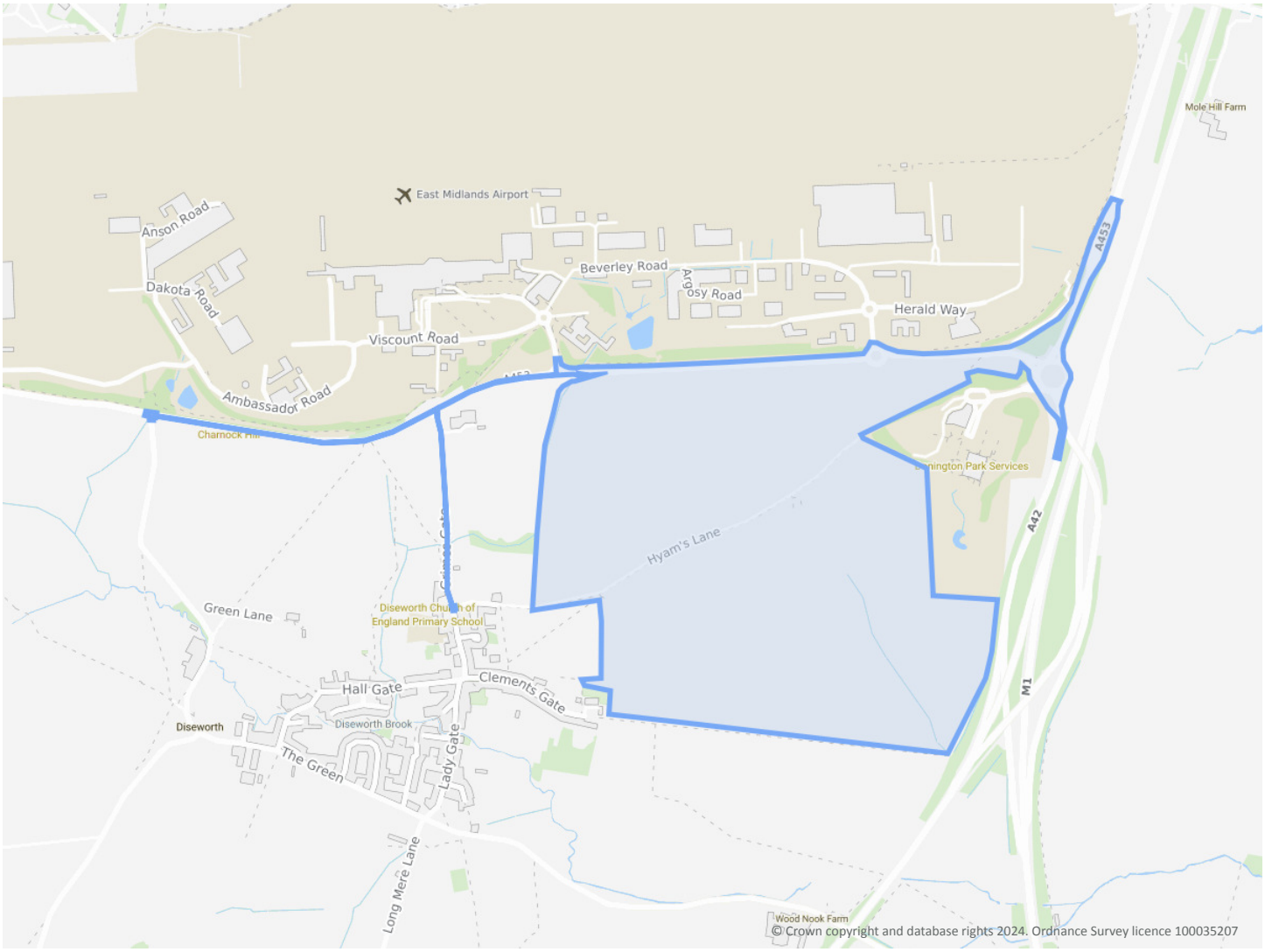
Our Ref: GS-DDN-E8C-BSV-RJY

Site Details

Location: 446173 324940

Area: 109.18 ha

Authority: North West Leicestershire District Council ↗



Summary of findings p. 2 >

OS MasterMap site plan N/A: >10ha

Aerial image p. 9 >

Insight User Guide ↗

Contact us with any questions at:
info@groundsure.com ↗
01273 257 755

Certified B Corporation

Summary of findings

Page	Section	Past land use >	On site	0-50m	50-250m	250-500m	500-2000m
14 >	1.1 >	Historical industrial land uses >	8	10	18	12	-
16 >	1.2 >	Historical tanks >	0	1	12	11	-
18 >	1.3 >	Historical energy features >	0	2	6	10	-
19	1.4	Historical petrol stations	0	0	0	0	-
19 >	1.5 >	Historical garages >	0	0	3	0	-
19	1.6	Historical military land	0	0	0	0	-
Page	Section	Past land use - un-grouped >	On site	0-50m	50-250m	250-500m	500-2000m
20 >	2.1 >	Historical industrial land uses >	10	13	21	14	-
23 >	2.2 >	Historical tanks >	0	2	29	17	-
25 >	2.3 >	Historical energy features >	0	2	10	22	-
26	2.4	Historical petrol stations	0	0	0	0	-
26 >	2.5 >	Historical garages >	0	0	5	0	-
Page	Section	Waste and landfill >	On site	0-50m	50-250m	250-500m	500-2000m
28	3.1	Active or recent landfill	0	0	0	0	-
28	3.2	Historical landfill (BGS records)	0	0	0	0	-
29	3.3	Historical landfill (LA/mapping records)	0	0	0	0	-
29 >	3.4 >	Historical landfill (EA/NRW records) >	0	1	0	0	-
29	3.5	Historical waste sites	0	0	0	0	-
29 >	3.6 >	Licensed waste sites >	0	0	0	3	-
31 >	3.7 >	Waste exemptions >	0	13	6	97	-
Page	Section	Current industrial land use >	On site	0-50m	50-250m	250-500m	500-2000m
41 >	4.1 >	Recent industrial land uses >	1	11	66	-	-
47 >	4.2 >	Current or recent petrol stations >	0	0	2	0	-
47	4.3	Electricity cables	0	0	0	0	-
47	4.4	Gas pipelines	0	0	0	0	-
47	4.5	Sites determined as Contaminated Land	0	0	0	0	-

47	4.6	Control of Major Accident Hazards (COMAH)	0	0	0	0	-
48	4.7	Regulated explosive sites	0	0	0	0	-
48	4.8	Hazardous substance storage/usage	0	0	0	0	-
48	4.9	Historical licensed industrial activities (IPC)	0	0	0	0	-
48	4.10	Licensed industrial activities (Part A(1))	0	0	0	0	-
48 >	**4.11 >**	**Licensed pollutant release (Part A(2)/B) >**	0	0	4	7	-
50	4.12	Radioactive Substance Authorisations	0	0	0	0	-
50 >	**4.13 >**	**Licensed Discharges to controlled waters >**	4	4	0	4	-
52	4.14	Pollutant release to surface waters (Red List)	0	0	0	0	-
53	4.15	Pollutant release to public sewer	0	0	0	0	-
53	4.16	List 1 Dangerous Substances	0	0	0	0	-
53	4.17	List 2 Dangerous Substances	0	0	0	0	-
53 >	**4.18 >**	**Pollution Incidents (EA/NRW) >**	0	1	2	1	-
54	4.19	Pollution inventory substances	0	0	0	0	-
54	4.20	Pollution inventory waste transfers	0	0	0	0	-
54	4.21	Pollution inventory radioactive waste	0	0	0	0	-

Page	Section	**Hydrogeology >**	On site	0-50m	50-250m	250-500m	500-2000m
55 >	**5.1 >**	**Superficial aquifer >**	Identified (within 500m)				
59 >	**5.2 >**	**Bedrock aquifer >**	Identified (within 500m)				
61 >	**5.3 >**	**Groundwater vulnerability >**	Identified (within 50m)				
66	5.4	Groundwater vulnerability- soluble rock risk	None (within 0m)				
66	5.5	Groundwater vulnerability- local information	None (within 0m)				
67 >	**5.6 >**	**Groundwater abstractions >**	0	0	0	0	10
70 >	**5.7 >**	**Surface water abstractions >**	0	0	0	0	1
70	5.8	Potable abstractions	0	0	0	0	0
70	5.9	Source Protection Zones	0	0	0	0	-
71	5.10	Source Protection Zones (confined aquifer)	0	0	0	0	-

Page	Section	**Hydrology >**	On site	0-50m	50-250m	250-500m	500-2000m
72 >	**6.1 >**	**Water Network (OS MasterMap) >**	9	9	43	-	-

77 >	6.2 >	Surface water features >	1	7	24	-	-
78 >	6.3 >	WFD Surface water body catchments >	2	-	-	-	-
78 >	6.4 >	WFD Surface water bodies >	0	0	0	-	-
79 >	6.5 >	WFD Groundwater bodies >	1	-	-	-	-

Page	Section	River and coastal flooding	On site	0-50m	50-250m	250-500m	500-2000m
80	7.1	Risk of flooding from rivers and the sea	None (within 50m)				
80	7.2	Historical Flood Events	0	0	0	-	-
80	7.3	Flood Defences	0	0	0	-	-
81	7.4	Areas Benefiting from Flood Defences	0	0	0	-	-
81	7.5	Flood Storage Areas	0	0	0	-	-
82	7.6	Flood Zone 2	None (within 50m)				
82	7.7	Flood Zone 3	None (within 50m)				

Page	Section	Surface water flooding >	
83 >	8.1 >	Surface water flooding >	1 in 30 year, Greater than 1.0m (within 50m)

Page	Section	Groundwater flooding >	
85 >	9.1 >	Groundwater flooding >	Moderate (within 50m)

Page	Section	Environmental designations >	On site	0-50m	50-250m	250-500m	500-2000m
86	10.1	Sites of Special Scientific Interest (SSSI)	0	0	0	0	0
87	10.2	Conserved wetland sites (Ramsar sites)	0	0	0	0	0
87	10.3	Special Areas of Conservation (SAC)	0	0	0	0	0
87	10.4	Special Protection Areas (SPA)	0	0	0	0	0
87	10.5	National Nature Reserves (NNR)	0	0	0	0	0
88	10.6	Local Nature Reserves (LNR)	0	0	0	0	0
88 >	10.7 >	Designated Ancient Woodland >	0	0	0	0	1
88	10.8	Biosphere Reserves	0	0	0	0	0
88	10.9	Forest Parks	0	0	0	0	0
89	10.10	Marine Conservation Zones	0	0	0	0	0
89	10.11	Green Belt	0	0	0	0	0
89	10.12	Proposed Ramsar sites	0	0	0	0	0

89	10.13	Possible Special Areas of Conservation (pSAC)	0	0	0	0	0
89	10.14	Potential Special Protection Areas (pSPA)	0	0	0	0	0
90	10.15	Nitrate Sensitive Areas	0	0	0	0	0
90 >	10.16 >	Nitrate Vulnerable Zones >	1	0	1	1	5
91 >	10.17 >	SSSI Impact Risk Zones >	2	-	-	-	-
92	10.18	SSSI Units	0	0	0	0	0
Page	Section	Visual and cultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
93	11.1	World Heritage Sites	0	0	0	-	-
94	11.2	Area of Outstanding Natural Beauty	0	0	0	-	-
94	11.3	National Parks	0	0	0	-	-
94 >	11.4 >	Listed Buildings >	0	3	16	-	-
95 >	11.5 >	Conservation Areas >	1	0	0	-	-
96	11.6	Scheduled Ancient Monuments	0	0	0	-	-
96	11.7	Registered Parks and Gardens	0	0	0	-	-
Page	Section	Agricultural designations >	On site	0-50m	50-250m	250-500m	500-2000m
97 >	12.1 >	Agricultural Land Classification >	Grade 3b (within 250m)				
98	12.2	Open Access Land	0	0	0	-	-
98 >	12.3 >	Tree Felling Licences >	0	2	2	-	-
99 >	12.4 >	Environmental Stewardship Schemes >	0	0	1	-	-
99 >	12.5 >	Countryside Stewardship Schemes >	1	0	0	-	-
Page	Section	Habitat designations >	On site	0-50m	50-250m	250-500m	500-2000m
100 >	13.1 >	Priority Habitat Inventory >	2	8	8	-	-
101	13.2	Habitat Networks	0	0	0	-	-
101	13.3	Open Mosaic Habitat	0	0	0	-	-
102	13.4	Limestone Pavement Orders	0	0	0	-	-
Page	Section	Geology 1:10,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
103 >	14.1 >	10k Availability >	Identified (within 500m)				
104 >	14.2 >	Artificial and made ground (10k) >	10	6	7	4	-
106 >	14.3 >	Superficial geology (10k) >	12	2	6	2	-

107	14.4	Landslip (10k)	0	0	0	0	-
108 >	14.5 >	Bedrock geology (10k) >	39	3	32	25	-
112 >	14.6 >	Bedrock faults and other linear features (10k) >	14	0	9	6	-
Page	Section	Geology 1:50,000 scale >	On site	0-50m	50-250m	250-500m	500-2000m
114 >	15.1 >	50k Availability >	Identified (within 500m)				
115 >	15.2 >	Artificial and made ground (50k) >	0	0	1	1	-
116	15.3	Artificial ground permeability (50k)	0	0	-	-	-
117 >	15.4 >	Superficial geology (50k) >	10	3	5	4	-
118 >	15.5 >	Superficial permeability (50k) >	Identified (within 50m)				
119	15.6	Landslip (50k)	0	0	0	0	-
120	15.7	Landslip permeability (50k)	None (within 50m)				
121 >	15.8 >	Bedrock geology (50k) >	32	2	25	20	-
124 >	15.9 >	Bedrock permeability (50k) >	Identified (within 50m)				
125 >	15.10 >	Bedrock faults and other linear features (50k) >	7	0	5	4	-
Page	Section	Boreholes >	On site	0-50m	50-250m	250-500m	500-2000m
127 >	16.1 >	BGS Boreholes >	5	24	91	-	-
Page	Section	Natural ground subsidence >					
133 >	17.1 >	Shrink swell clays >	Low (within 50m)				
135 >	17.2 >	Running sands >	Low (within 50m)				
137 >	17.3 >	Compressible deposits >	Moderate (within 50m)				
139 >	17.4 >	Collapsible deposits >	Very low (within 50m)				
140 >	17.5 >	Landslides >	Low (within 50m)				
142 >	17.6 >	Ground dissolution of soluble rocks >	Negligible (within 50m)				
Page	Section	Mining and ground workings >	On site	0-50m	50-250m	250-500m	500-2000m
144 >	18.1 >	BritPits >	0	1	0	0	-
145 >	18.2 >	Surface ground workings >	6	18	25	-	-
147	18.3	Underground workings	0	0	0	0	0
147	18.4	Underground mining extents	0	0	0	0	-
147	18.5	Historical Mineral Planning Areas	0	0	0	0	-

148	18.6	Non-coal mining	0	0	0	0	0
148	18.7	JPB mining areas	None (within 0m)				
148	18.8	The Coal Authority non-coal mining	0	0	0	0	-
148	18.9	Researched mining	0	0	0	0	-
149	18.10	Mining record office plans	0	0	0	0	-
149	18.11	BGS mine plans	0	0	0	0	-
149	18.12	Coal mining	None (within 0m)				
149	18.13	Brine areas	None (within 0m)				
149	18.14	Gypsum areas	None (within 0m)				
150	18.15	Tin mining	None (within 0m)				
150	18.16	Clay mining	None (within 0m)				
Page	Section	Ground cavities and sinkholes	On site	0-50m	50-250m	250-500m	500-2000m
151	19.1	Natural cavities	0	0	0	0	-
151	19.2	Mining cavities	0	0	0	0	0
151	19.3	Reported recent incidents	0	0	0	0	-
151	19.4	Historical incidents	0	0	0	0	-
152	19.5	National karst database	0	0	0	0	-
Page	Section	**Radon** >					
153 >	**20.1** >	**Radon** >	Less than 1% (within 0m)				
Page	Section	**Soil chemistry** >	On site	0-50m	50-250m	250-500m	500-2000m
155 >	**21.1** >	**BGS Estimated Background Soil Chemistry** >	141	38	-	-	-
165	21.2	BGS Estimated Urban Soil Chemistry	0	0	-	-	-
165	21.3	BGS Measured Urban Soil Chemistry	0	0	-	-	-
Page	Section	**Railway infrastructure and projects** >	On site	0-50m	50-250m	250-500m	500-2000m
166	22.1	Underground railways (London)	0	0	0	-	-
166	22.2	Underground railways (Non-London)	0	0	0	-	-
167	22.3	Railway tunnels	0	0	0	-	-
167	22.4	Historical railway and tunnel features	0	0	0	-	-
167	22.5	Royal Mail tunnels	0	0	0	-	-

167	22.6	Historical railways	0	0	0	-	-
167	22.7	Railways	0	0	0	-	-
168	22.8	Crossrail 2	0	0	0	0	-
168 >	**22.9 >**	**HS2 >**	1	1	1	10	-

Recent aerial photograph

Capture Date: 10/07/2022

Site Area: 109.18ha

Recent site history - 2019 aerial photograph

Capture Date: 20/04/2019

Site Area: 109.18ha

Recent site history - 2015 aerial photograph

Capture Date: 24/04/2015

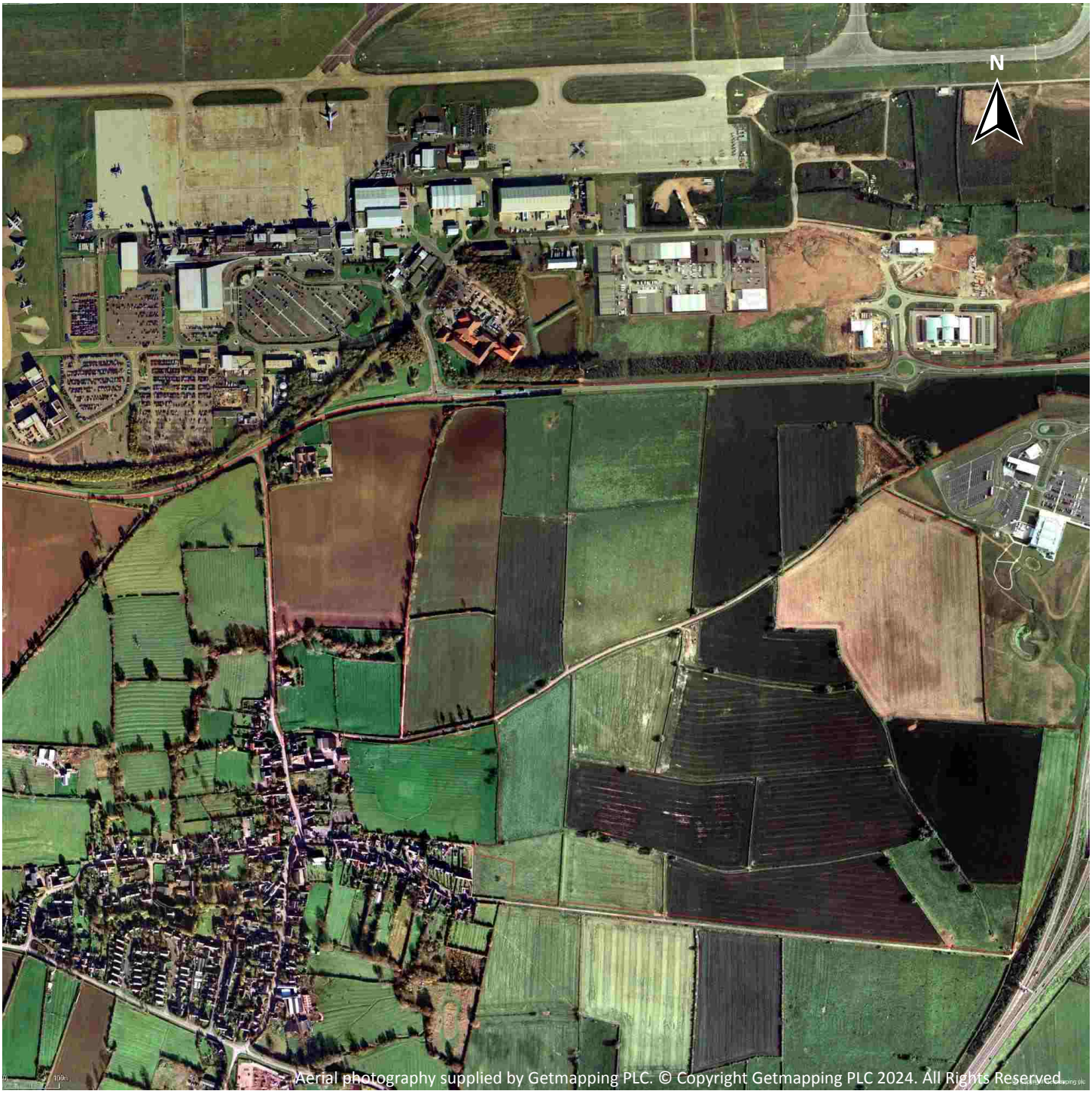
Site Area: 109.18ha

Recent site history - 2009 aerial photograph

Capture Date: 02/07/2009

Site Area: 109.18ha

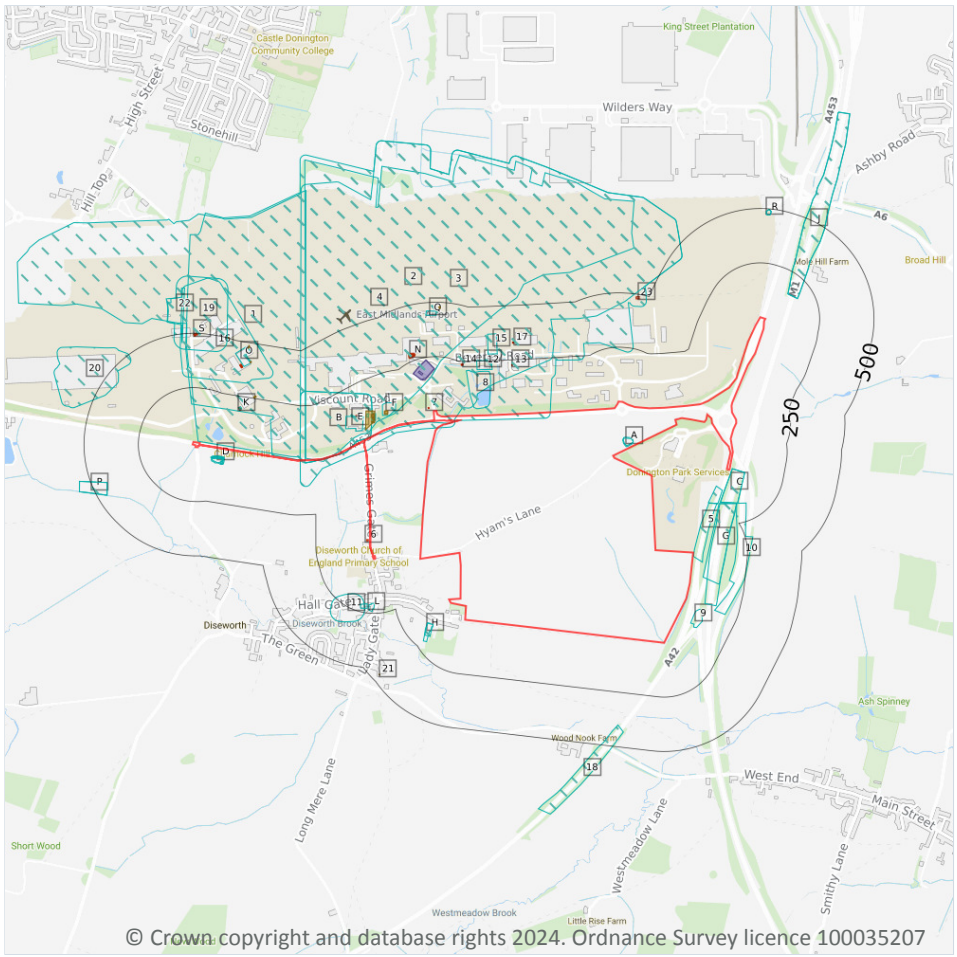
Recent site history - 1999 aerial photograph



Capture Date: 11/07/1999

Site Area: 109.18ha

1 Past land use



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1.1 Historical industrial land uses

Records within 500m	48

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 1:10,560 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
1	**On site**	**Disused Airfield**	**1967**	**1603073**

ID	Location	Land use	Dates present	Group ID
2	**On site**	**Airfield**	**1955**	**1636841**
3	**On site**	**Airport**	**1971**	**1751047**
4	**On site**	**Airport**	**1982 - 1992**	**1767001**
A	**On site**	**Unspecified Pit**	**1955**	**1704767**
A	**On site**	**Unspecified Pit**	**1922**	**1717239**
B	**On site**	**Helicopter Landing Pad**	**1982**	**1751637**
B	**On site**	**Helicopter Landing Pad**	**1971**	**1755236**
5	4m E	Cuttings	1992 - 1993	1744917
C	11m E	Cuttings	1971	1712470
C	11m E	Cuttings	1982 - 1992	1729166
8	31m NW	Unspecified Ground Workings	1992	1593175
D	37m W	Unspecified Ground Workings	1955	1649439
D	37m W	Unspecified Ground Workings	1901	1638260
D	37m W	Old Gravel Pit	1922	1742755
D	40m W	Old Gravel Pit	1883	1716258
D	41m W	Old Gravel Pit	1883	1680422
E	45m NW	Unspecified Depot	1992	1599087
F	55m NW	Unspecified Depot	1992	1599088
G	58m SE	Cuttings	1993	1685144
E	58m NW	Unspecified Tanks	1982	1699181
E	58m NW	Unspecified Tanks	1971	1746122
9	65m SE	Cuttings	1993	1585750
G	77m SE	Cuttings	1975	1653354
E	88m NW	Unspecified Tanks	1982	1659268
E	88m NW	Unspecified Tanks	1971	1681723
H	127m SW	Brick Yard	1883	1692134
H	128m SW	Brick Yard	1903	1740461
10	141m SE	Cuttings	1993	1584849

ID	Location	Land use	Dates present	Group ID
J	155m NE	Cuttings	1971	1692256
J	155m NE	Cuttings	1982 - 1992	1710569
11	179m W	Smithy	1955	1712039
K	189m W	Electric Substation	1988	1598286
L	204m SW	Smithy	1922	1609666
L	208m SW	Smithy	1919	1753726
12	210m NW	Unspecified Warehouse	1992	1625584
15	281m N	Unspecified Warehouse	1992	1625583
16	296m W	Disused Military Camp	1967	1603619
O	388m NW	Electric Substation	1988	1598285
18	400m S	Cuttings	1993	1585753
19	422m NW	Brick Yard	1882 - 1883	1764737
P	431m W	Unspecified Commercial/Industrial	1955	1663150
P	431m W	Unspecified Commercial/Industrial	1967 - 1988	1746241
Q	440m NW	Fire Station	1992	1596928
20	441m W	Unspecified Works	1967	1612489
22	466m NW	Brick Yard	1882 - 1883	1696286
R	472m NE	Unspecified Heap	1971	1659945
R	472m NE	Unspecified Heap	1982 - 1992	1691670

This data is sourced from Ordnance Survey / Groundsure.

1.2 Historical tanks

Records within 500m	24

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
E	41m NW	Unspecified Tank	1983 - 1984	278248
E	51m NW	Tanks	1993 - 1997	284384
E	54m NW	Tanks	1991	275753
E	54m NW	Unspecified Tank	1983 - 1987	282335
E	61m NW	Tanks	1991 - 1997	288515
F	62m NW	Tanks	1993 - 1997	279794
E	63m NW	Unspecified Tank	1971 - 1987	278258
F	66m NW	Tanks	1991	280325
E	71m NW	Tanks	1969 - 1971	282341
E	74m NW	Tanks	1993 - 1997	279771
E	76m NW	Tanks	1971	287245
E	77m NW	Unspecified Tank	1983 - 1991	289120
E	100m NW	Unspecified Tank	1983 - 1987	292802
M	252m W	Unspecified Tank	1984 - 1989	284904
M	254m W	Unspecified Tank	1971	280776
M	254m W	Unspecified Tank	1997	291154
O	409m NW	Unspecified Tank	1984 - 1989	287313
O	411m NW	Unspecified Tank	1997	269688
21	464m SW	Unspecified Tank	1992	271615
Q	472m NW	Unspecified Tank	1993	277482
Q	473m NW	Unspecified Tank	1984 - 1991	289162
O	473m NW	Unspecified Tank	1984 - 1989	280888
O	481m NW	Unspecified Tank	1997	269687
24	500m NW	Unspecified Tank	1984 - 1989	286953

This data is sourced from Ordnance Survey / Groundsure.

1.3 Historical energy features

Records within 500m	18

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
6	9m W	Gas Governor	1992	165618
7	24m NW	Gas Governor	1997	165617
E	107m NW	Electricity Substation	1993 - 1997	179262
E	109m NW	Electricity Substation	1991	172561
K	187m W	Electricity Substation	1984 - 1989	169407
K	188m W	Electricity Substation	1997	184405
13	224m N	Electricity Substation	1997	164585
14	232m NW	Electricity Substation	1991 - 1997	173777
N	266m NW	Electricity Substation	1983 - 1991	170535
N	268m NW	Electricity Substation	1983 - 1997	177553
N	269m NW	Electricity Substation	1971	173238
17	326m N	Electricity Substation	1997	164584
O	380m NW	Electricity Substation	1989	170459
O	381m NW	Electricity Substation	1997	184341
O	383m NW	Electricity Substation	1971 - 1984	182437
23	478m N	Electricity Substation	1991	164903
S	487m NW	Electricity Substation	1984 - 1997	175661
S	488m NW	Electricity Substation	1971	168029

This data is sourced from Ordnance Survey / Groundsure.

1.4 Historical petrol stations

Records within 500m	0

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

1.5 Historical garages

Records within 500m	3

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale, intelligently grouped into contiguous features. To prevent misrepresentation of the size of historical features at any given time, features are only grouped if they have similar geometries within immediately preceding or succeeding map editions. See section 2 for a breakdown of grouping if required. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use map on **page 14 >**

ID	Location	Land use	Dates present	Group ID
I	149m NW	Garage	1971	58016
I	156m NW	Garage	1983 - 1987	55531
I	174m NW	Garage	1971	54868

This data is sourced from Ordnance Survey / Groundsure.

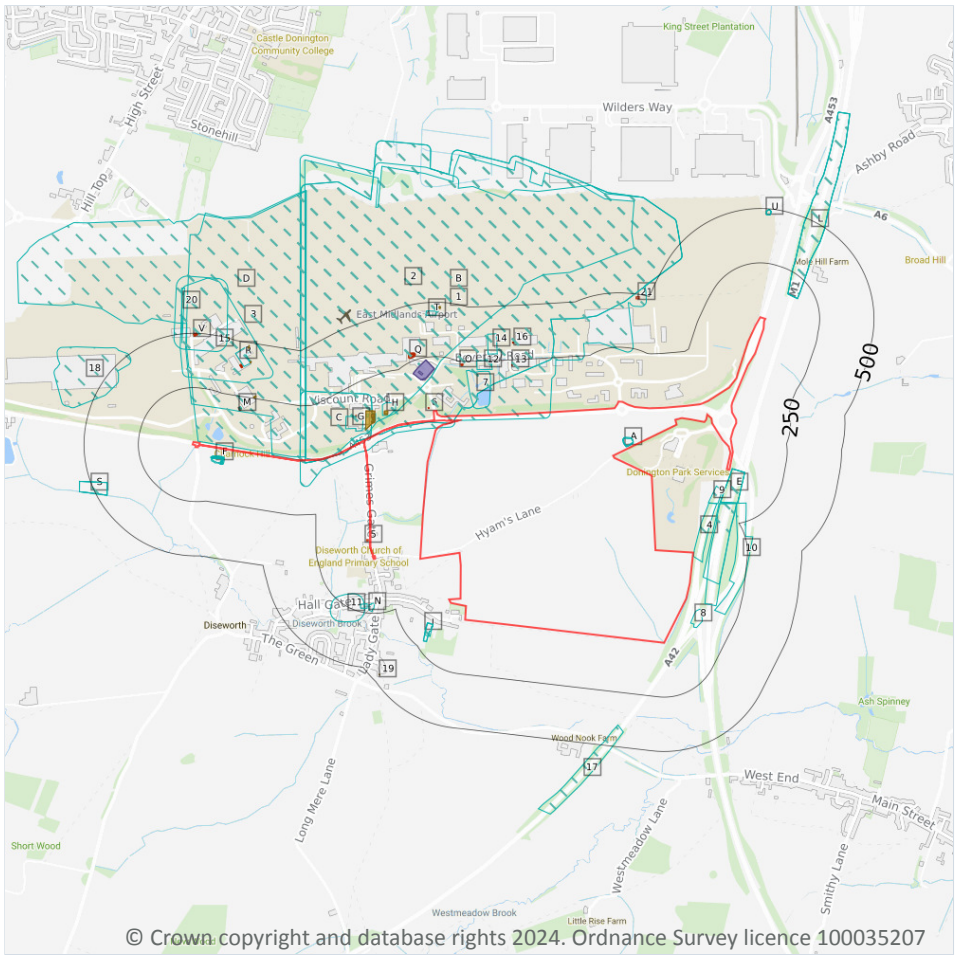
1.6 Historical military land

Records within 500m	0

Areas of military land digitised from multiple sources including the National Archives, local records, MOD records and verified other sources, intelligently grouped into contiguous features.

This data is sourced from Ordnance Survey / Groundsure / other sources.

2 Past land use - un-grouped



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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

Historical energy features

Historical garages

2.1 Historical industrial land uses

Records within 500m	58

Potentially contaminative land use features digitised from historical Ordnance Survey mapping at 1:10,000 and 10,560 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 20 >**

ID	Location	Land Use	Date	Group ID
1	**On site**	**Airport**	**1992**	**1767001**
2	**On site**	**Airfield**	**1955**	**1636841**
3	**On site**	**Disused Airfield**	**1967**	**1603073**

ID	Location	Land Use	Date	Group ID
A	**On site**	**Unspecified Pit**	**1922**	**1717239**
A	**On site**	**Unspecified Pit**	**1955**	**1704767**
A	**On site**	**Unspecified Pit**	**1922**	**1717239**
B	**On site**	**Airport**	**1971**	**1751047**
B	**On site**	**Airport**	**1982**	**1767001**
C	**On site**	**Helicopter Landing Pad**	**1971**	**1755236**
C	**On site**	**Helicopter Landing Pad**	**1982**	**1751637**
4	4m E	Cuttings	1993	1744917
D	6m W	Airport	1988	1767001
E	11m E	Cuttings	1971	1712470
E	11m E	Cuttings	1982	1729166
E	11m E	Cuttings	1992	1729166
7	31m NW	Unspecified Ground Workings	1992	1593175
F	37m W	Unspecified Ground Workings	1955	1649439
F	37m W	Unspecified Ground Workings	1901	1638260
F	37m W	Old Gravel Pit	1922	1742755
F	37m W	Old Gravel Pit	1922	1742755
F	40m W	Old Gravel Pit	1883	1716258
F	41m W	Old Gravel Pit	1883	1680422
G	45m NW	Unspecified Depot	1992	1599087
H	55m NW	Unspecified Depot	1992	1599088
I	58m SE	Cuttings	1993	1685144
G	58m NW	Unspecified Tanks	1971	1746122
G	58m NW	Unspecified Tanks	1982	1699181
8	65m SE	Cuttings	1993	1585750
I	77m SE	Cuttings	1975	1653354
G	88m NW	Unspecified Tanks	1971	1681723
G	88m NW	Unspecified Tanks	1982	1659268

ID	Location	Land Use	Date	Group ID
9	92m E	Cuttings	1992	1744917
J	127m SW	Brick Yard	1883	1692134
J	128m SW	Brick Yard	1903	1740461
J	129m SW	Brick Yard	1883	1692134
10	141m SE	Cuttings	1993	1584849
L	155m NE	Cuttings	1971	1692256
L	155m NE	Cuttings	1982	1710569
L	155m NE	Cuttings	1992	1710569
11	179m W	Smithy	1955	1712039
M	189m W	Electric Substation	1988	1598286
N	204m SW	Smithy	1922	1609666
N	208m SW	Smithy	1919	1753726
12	210m NW	Unspecified Warehouse	1992	1625584
14	281m N	Unspecified Warehouse	1992	1625583
15	296m W	Disused Military Camp	1967	1603619
R	388m NW	Electric Substation	1988	1598285
17	400m S	Cuttings	1993	1585753
D	422m NW	Brick Yard	1883	1764737
S	431m W	Unspecified Commercial/Industrial	1988	1746241
S	431m W	Unspecified Commercial/Industrial	1967	1746241
S	431m W	Unspecified Commercial/Industrial	1955	1663150
T	440m NW	Fire Station	1992	1596928
18	441m W	Unspecified Works	1967	1612489
20	466m NW	Brick Yard	1883	1696286
U	472m NE	Unspecified Heap	1971	1659945
U	472m NE	Unspecified Heap	1982	1691670
U	472m NE	Unspecified Heap	1992	1691670

This data is sourced from Ordnance Survey / Groundsure.

2.2 Historical tanks

Records within 500m	48

Tank features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 20 >**

ID	Location	Land Use	Date	Group ID
G	41m NW	Unspecified Tank	1983	278248
G	41m NW	Unspecified Tank	1984	278248
G	51m NW	Tanks	1997	284384
G	51m NW	Tanks	1993	284384
G	54m NW	Unspecified Tank	1983	282335
G	54m NW	Unspecified Tank	1984	282335
G	54m NW	Unspecified Tank	1987	282335
G	54m NW	Tanks	1991	275753
G	61m NW	Tanks	1997	288515
G	61m NW	Tanks	1993	288515
H	62m NW	Tanks	1997	279794
H	62m NW	Tanks	1993	279794
G	63m NW	Unspecified Tank	1971	278258
G	65m NW	Unspecified Tank	1971	278258
G	65m NW	Unspecified Tank	1983	278258
G	65m NW	Unspecified Tank	1984	278258
G	65m NW	Unspecified Tank	1987	278258
G	65m NW	Tanks	1991	288515
H	66m NW	Tanks	1991	280325
G	71m NW	Tanks	1969	282341
G	72m NW	Tanks	1971	282341
G	74m NW	Tanks	1997	279771
G	74m NW	Tanks	1993	279771

ID	Location	Land Use	Date	Group ID
G	76m NW	Tanks	1971	287245
G	77m NW	Unspecified Tank	1983	289120
G	77m NW	Unspecified Tank	1984	289120
G	77m NW	Unspecified Tank	1987	289120
G	77m NW	Unspecified Tank	1991	289120
G	100m NW	Unspecified Tank	1983	292802
G	100m NW	Unspecified Tank	1984	292802
G	100m NW	Unspecified Tank	1987	292802
P	252m W	Unspecified Tank	1984	284904
P	252m W	Unspecified Tank	1989	284904
P	254m W	Unspecified Tank	1971	280776
P	254m W	Unspecified Tank	1997	291154
R	409m NW	Unspecified Tank	1984	287313
R	409m NW	Unspecified Tank	1989	287313
R	411m NW	Unspecified Tank	1997	269688
19	464m SW	Unspecified Tank	1992	271615
T	472m NW	Unspecified Tank	1993	277482
T	473m NW	Unspecified Tank	1984	289162
T	473m NW	Unspecified Tank	1987	289162
T	473m NW	Unspecified Tank	1991	289162
R	473m NW	Unspecified Tank	1984	280888
R	473m NW	Unspecified Tank	1989	280888
R	481m NW	Unspecified Tank	1997	269687
W	500m NW	Unspecified Tank	1984	286953
W	500m NW	Unspecified Tank	1989	286953

This data is sourced from Ordnance Survey / Groundsure.

2.3 Historical energy features

Records within 500m	34

Energy features digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 20 >**

ID	Location	Land Use	Date	Group ID
5	9m W	Gas Governor	1992	165618
6	24m NW	Gas Governor	1997	165617
G	107m NW	Electricity Substation	1997	179262
G	107m NW	Electricity Substation	1993	179262
G	109m NW	Electricity Substation	1991	172561
M	187m W	Electricity Substation	1984	169407
M	187m W	Electricity Substation	1989	169407
M	188m W	Electricity Substation	1997	184405
13	224m N	Electricity Substation	1997	164585
O	232m NW	Electricity Substation	1997	173777
O	232m NW	Electricity Substation	1993	173777
O	233m NW	Electricity Substation	1991	173777
Q	266m NW	Electricity Substation	1983	170535
Q	266m NW	Electricity Substation	1984	170535
Q	266m NW	Electricity Substation	1987	170535
Q	266m NW	Electricity Substation	1991	170535
Q	268m NW	Electricity Substation	1997	177553
Q	268m NW	Electricity Substation	1993	177553
Q	269m NW	Electricity Substation	1971	173238
Q	269m NW	Electricity Substation	1971	173238
Q	270m NW	Electricity Substation	1983	177553
Q	270m NW	Electricity Substation	1984	177553
Q	270m NW	Electricity Substation	1987	177553

ID	Location	Land Use	Date	Group ID
Q	270m NW	Electricity Substation	1991	177553
16	326m N	Electricity Substation	1997	164584
R	380m NW	Electricity Substation	1989	170459
R	381m NW	Electricity Substation	1997	184341
R	383m NW	Electricity Substation	1984	182437
R	384m NW	Electricity Substation	1971	182437
21	478m N	Electricity Substation	1991	164903
V	487m NW	Electricity Substation	1984	175661
V	487m NW	Electricity Substation	1989	175661
V	487m NW	Electricity Substation	1997	175661
V	488m NW	Electricity Substation	1971	168029

This data is sourced from Ordnance Survey / Groundsure.

2.4 Historical petrol stations

Records within 500m	**0**

Petrol stations digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

This data is sourced from Ordnance Survey / Groundsure.

2.5 Historical garages

Records within 500m	**5**

Garages digitised from historical Ordnance Survey mapping at high-detail 1:1,250 and 1:2,500 scale. Any records shown are available intelligently grouped in section 1. Grouped and the original un-grouped features can be cross-referenced across sections 1 and 2 using the 'Group ID'.

Features are displayed on the Past land use - un-grouped map on **page 20 >**

ID	Location	Land Use	Date	Group ID
K	149m NW	Garage	1971	58016
K	156m NW	Garage	1984	55531

ID	Location	Land Use	Date	Group ID
K	156m NW	Garage	1987	55531
K	156m NW	Garage	1983	55531
K	174m NW	Garage	1971	54868

This data is sourced from Ordnance Survey / Groundsure.

3 Waste and landfill

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3.1 Active or recent landfill

Records within 500m	0

Active or recently closed landfill sites under Environment Agency/Natural Resources Wales regulation.

This data is sourced from the Environment Agency and Natural Resources Wales.

3.2 Historical landfill (BGS records)

Records within 500m	0

Landfill sites identified on a survey carried out on behalf of the DoE in 1973. These sites may have been closed or operational at this time.

This data is sourced from the British Geological Survey.

3.3 Historical landfill (LA/mapping records)

Records within 500m	0

Landfill sites identified from Local Authority records and high detail historical mapping.

This data is sourced from the Ordnance Survey/Groundsure and Local Authority records.

3.4 Historical landfill (EA/NRW records)

Records within 500m	1

Known historical (closed) landfill sites (e.g. sites where there is no PPC permit or waste management licence currently in force). This includes sites that existed before the waste licensing regime and sites that have been licensed in the past but where a licence has been revoked, ceased to exist or surrendered and a certificate of completion has been issued.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Details		
1	7m W	Site Address: Off Grimes Gate, Diseworth, Off Grimes Gate, Diseworth, Leicestershire Licence Holder Address: -	Waste Licence: - Site Reference: GDO 329, 72/2915/12 Waste Type: Inert, Industrial, Commercial, Household Environmental Permitting Regulations (Waste) Reference: - Licence Issue: - Licence Surrender: -	Operator: - Licence Holder: - First Recorded 31/12/1960 Last Recorded: 31/12/1970

This data is sourced from the Environment Agency and Natural Resources Wales.

3.5 Historical waste sites

Records within 500m	0

Waste site records derived from Local Authority planning records and high detail historical mapping.

This data is sourced from Ordnance Survey/Groundsure and Local Authority records.

3.6 Licensed waste sites

Records within 500m	3

Active or recently closed waste sites under Environment Agency/Natural Resources Wales regulation.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Details		
D	251m NW	Site Name: East Midlands Airport Site Address: East Midlands Airport, Nottingham Road, Castle Donnington, Derby, Derbyshire, DE74 2SA Correspondence Address: Castle Donington, Derby, Derbyshire, DE74 2SA	Type of Site: Household, Commercial & Industrial Waste T Stn Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS001 EPR reference: - Operator: East Midlands International Airport Ltd Waste Management licence No: 43288 Annual Tonnage: 730	Issue Date: 28/11/1986 Effective Date: - Modified: - Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued
D	252m NW	Site Name: East Midlands Airport Site Address: Building 34, East Midlands Airport, Castle Donnington, Derby, Derbyshire, DE74 2SA Correspondence Address: -	Type of Site: 75kte HCI Waste Transfer Station Size: 25000 tonnes Environmental Permitting Regulations (Waste) Licence Number: EAS001 EPR reference: EA/EPR/HP3693CW/V003 Operator: East Midlands International Airport Ltd Waste Management licence No: 43288 Annual Tonnage: 74999	Issue Date: 28/11/1986 Effective Date: - Modified: 03/03/2010 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Modified
F	280m W	Site Name: Building 34, East Midlands Airport Site Address: Building 34, Castle Donnington, Derby, Derbyshire, DE74 2SA Correspondence Address: -	Type of Site: Household, Commercial & Industrial Waste T Stn Size: >= 25000 tonnes 75000 tonnes Environmental Permitting Regulations (Waste) Licence Number: 626181 EPR reference: EA/EPR/HP3693CW Operator: East Midlands International Airport Limited Waste Management licence No: 43288 Annual Tonnage: 74999	Issue Date: 28/11/1986 Effective Date: 28/11/1986 Modified: 28/11/1986 Surrendered Date: - Expiry Date: - Cancelled Date: - Status: Issued

This data is sourced from the Environment Agency and Natural Resources Wales.

3.7 Waste exemptions

Records within 500m	116

Activities involving the storage, treatment, use or disposal of waste that are exempt from needing a permit. Exemptions have specific limits and conditions that must be adhered to.

Features are displayed on the Waste and landfill map on **page 28 >**

ID	Location	Site	Reference	Category	Sub-Category	Description
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Using waste exemption	Agricultural waste only	Use of waste in construction
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Storing waste exemption	Agricultural waste only	Storage of waste in secure containers
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
A	14m W	Old Hall Farm Grimesgate De74 2qd	EPR/FE5987BG /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Storing waste exemption	Not on a farm	Storage of waste in a secure place
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Using waste exemption	Not on a farm	Use of waste in construction
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Treating waste exemption	Not on a farm	Treatment of waste aerosol cans
B	35m E	Hemington Fields, The Cottage, Tamworth Road, Shardlow, Derby, De72 2hp	WEX086036	Using waste exemption	Not on a farm	Use of mulch
2	177m NE	Siemens Building Technologies - Regus - Nottingham East Midlands Airport, Herald Way, Pegasus Business Park, Castle Donington, De74 2tz	WEX117239	Storing waste exemption	Not on a farm	Storage of waste in a secure place
C	188m N	Pathfinder House, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX284502	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
C	188m N	Pathfinder House, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX284502	Using waste exemption	Not on a farm	Use of waste in construction
C	188m N	Pathfinder House, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX284502	Using waste exemption	Not on a farm	Use of waste for a specified purpose
C	188m N	Pathfinder House, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX284502	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
C	188m N	Pathfinder House, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX284502	Using waste exemption	Not on a farm	Use of mulch
E	256m SW	4 Lady Gate Derby Derbyshire De74 2qf	EPR/EE5181VJ /A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
E	259m SW	4, Lady Gate, Diseworth, Derby, De74 2qf	WEX073893	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
E	259m SW	4, Lady Gate, Diseworth, Derby, De74 2qf	WEX073893	Disposing of waste exemption	On a farm	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
E	259m SW	4, Lady Gate, Diseworth, Derby, De74 2qf	WEX073893	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
G	287m NW	East Midlands International Airport Ltd, Building 34, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX147006	Using waste exemption	Not on a farm	Use of waste for a specified purpose
G	287m NW	East Midlands International Airport Ltd, Building 34, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX147006	Using waste exemption	Not on a farm	Use of waste in construction
G	287m NW	East Midlands International Airport Ltd, Building 34, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX147006	Using waste exemption	Not on a farm	Spreading of plant matter to confer benefit
G	287m NW	East Midlands International Airport Ltd, Building 34, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX147006	Treating waste exemption	Not on a farm	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
G	287m NW	East Midlands International Airport Ltd, Building 34, East Midlands Airport, Castle Donington, Derby, De74 2sa	WEX147006	Using waste exemption	Not on a farm	Use of mulch
G	288m NW	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/TF0235AA /A001	Treating waste exemption	Non-agricultural waste only	Crushing waste fluorescent tubes
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX343728	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX343728	Disposing of waste exemption	On a farm	Burning waste in the open
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX343728	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX220008	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters

ID	Location	Site	Reference	Category	Sub-Category	Description
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX220008	Disposing of waste exemption	On a farm	Burning waste in the open
H	293m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX220008	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
F	295m W	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/AF0605ZU/A001	Using waste exemption	Non-agricultural waste only	Use of mulch
F	295m W	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/AF0605ZU/A001	Treating waste exemption	Non-agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
F	295m W	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/AF0605ZU/A001	Using waste exemption	Non-agricultural waste only	Use of waste in construction
F	295m W	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/AF0605ZU/A001	Using waste exemption	Non-agricultural waste only	Spreading of plant matter to confer benefit
F	295m W	Building 34 East Midlands Airport East Midlands De74 2sa	EPR/AF0605ZU/A001	Using waste exemption	Non-agricultural waste only	Use of waste for a specified purpose
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Use of waste in construction
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Use of waste for a specified purpose
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
I	299m W	36, Hall Gate, Diseworth, Derby, De74 2qj	WEX065648	Using waste exemption	On a farm	Use of mulch
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Disposing of waste exemption	Agricultural waste only	Deposit of waste from dredging of inland waters
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Treating waste exemption	Agricultural waste only	Aerobic composting and associated prior treatment

ID	Location	Site	Reference	Category	Sub-Category	Description
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Treating waste exemption	Agricultural waste only	Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Using waste exemption	Agricultural waste only	Use of waste in construction
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Using waste exemption	Agricultural waste only	Use of waste for a specified purpose
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Disposing of waste exemption	Agricultural waste only	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Disposing of waste exemption	Agricultural waste only	Burning waste in the open
I	313m SW	36 Hall Gate Derby De74 2qj	EPR/XF0635GC/A001	Using waste exemption	Agricultural waste only	Spreading waste on agricultural land to confer benefit
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Cleaning, washing, spraying or coating relevant waste
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Treating waste exemption	Both agricultural and non-agricultural waste	Aerobic composting and associated prior treatment

ID	Location	Site	Reference	Category	Sub-Category	Description
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Using waste exemption	Both agricultural and non-agricultural waste	Incorporation of ash into soil
J	329m NE	Mole Hill Farm Ashby Road Derby De74 2dl	EPR/PF0230GH/A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
K	384m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX074018	Disposing of waste exemption	On a farm	Burning waste in the open
K	384m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX074018	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
K	384m SW	The Brick Yard, Long Mere Lane, Diseworth, De742qf	WEX074018	Disposing of waste exemption	On a farm	Deposit of waste from dredging of inland waters
L	410m SW	9 Lady Gate Derby De74 2qf	EPR/XF0837BE/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste in construction
L	410m SW	9 Lady Gate Derby De74 2qf	EPR/XF0837BE/A001	Using waste exemption	Both agricultural and non-agricultural waste	Burning of waste as a fuel in a small appliance
L	410m SW	9 Lady Gate Derby De74 2qf	EPR/XF0837BE/A001	Using waste exemption	Both agricultural and non-agricultural waste	Use of waste for a specified purpose
L	410m SW	9 Lady Gate Derby De74 2qf	EPR/XF0837BE/A001	Disposing of waste exemption	Both agricultural and non-agricultural waste	Burning waste in the open

ID	Location	Site	Reference	Category	Sub-Category	Description
L	410m SW	9 Lady Gate Derby De74 2qf	EPR/XF0837BE/A001	Using waste exemption	Both agricultural and non-agricultural waste	Spreading waste on agricultural land to confer benefit
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX333641	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX333641	Disposing of waste exemption	On a farm	Burning waste in the open
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX333641	Using waste exemption	On a farm	Use of waste in construction
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX333641	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX333641	Using waste exemption	On a farm	Use of waste for a specified purpose
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX054189	Disposing of waste exemption	On a farm	Burning waste in the open
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX054189	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX208932	Using waste exemption	On a farm	Use of waste in construction
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX208932	Using waste exemption	On a farm	Use of waste for a specified purpose
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX208932	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX208932	Disposing of waste exemption	On a farm	Burning waste in the open
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX208932	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX054189	Using waste exemption	On a farm	Use of waste in construction
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX054189	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance

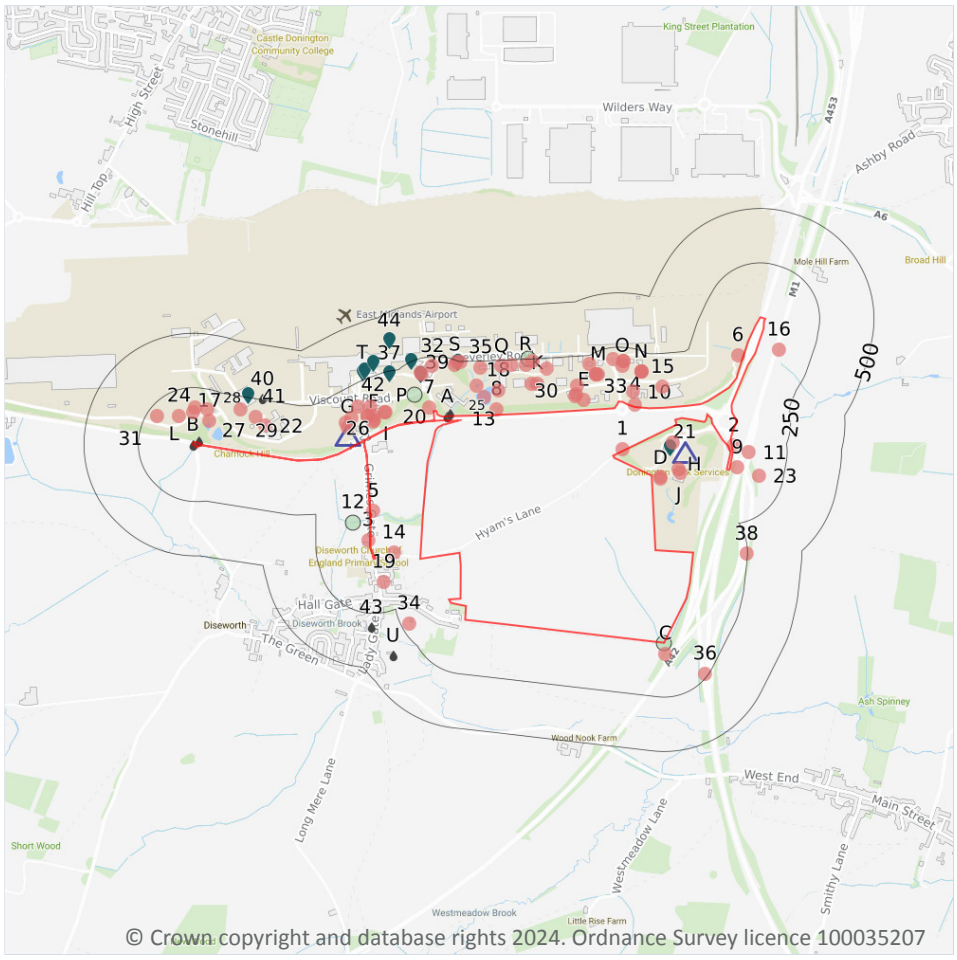
ID	Location	Site	Reference	Category	Sub-Category	Description
L	411m SW	9, Lady Gate, Diseworth, Derby, De74 2qf	WEX054189	Using waste exemption	On a farm	Use of waste for a specified purpose
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Treating waste exemption	On a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Disposing of waste exemption	On a farm	Burning waste in the open
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Using waste exemption	On a farm	Use of waste in construction
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Using waste exemption	On a farm	Incorporation of ash into soil
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX335794	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Using waste exemption	On a farm	Use of waste in construction
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Using waste exemption	On a farm	Spreading of plant matter to confer benefit

ID	Location	Site	Reference	Category	Sub-Category	Description
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Using waste exemption	On a farm	Incorporation of ash into soil
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Disposing of waste exemption	On a farm	Burning waste in the open
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Treating waste exemption	On a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX074704	Using waste exemption	On a farm	Use of waste in construction
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Using waste exemption	On a farm	Use of waste in construction
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Using waste exemption	On a farm	Spreading of plant matter to confer benefit
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Using waste exemption	On a farm	Incorporation of ash into soil
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Treating waste exemption	On a farm	Cleaning, washing, spraying or coating relevant waste
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Treating waste exemption	On a farm	Aerobic composting and associated prior treatment

ID	Location	Site	Reference	Category	Sub-Category	Description
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX054135	Using waste exemption	On a farm	Burning of waste as a fuel in a small appliance
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Disposing of waste exemption	On a farm	Burning waste in the open
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Using waste exemption	On a farm	Spreading waste on agricultural land to confer benefit
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Treating waste exemption	On a farm	Treatment of non-hazardous pesticide washings by carbon filtration for disposal
M	478m S	Woodnook Farm, West End, Long Whatton, Loughborough, Le12 5dw	WEX210403	Disposing of waste exemption	On a farm	Deposit of agricultural waste consisting of plant tissue under a Plant Health notice

This data is sourced from the Environment Agency and Natural Resources Wales.

4 Current industrial land use



4.1 Recent industrial land uses

Records within 250m	78

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 41 >**

ID	Location	Company	Address	Activity	Category
1	**On site**	**Mast**	**Leicestershire, DE74**	**Telecommunications Features**	**Infrastructure and Facilities**
2	9m E	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features

ID	Location	Company	Address	Activity	Category
3	10m W	Gas Governor Station	Leicestershire, DE74	Gas Features	Infrastructure and Facilities
4	12m NE	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
5	15m W	Sewage Pumping Station	Leicestershire, DE74	Waste Storage, Processing and Disposal	Infrastructure and Facilities
6	26m NE	Pumping Station	Leicestershire, DE74	Water Pumping Stations	Industrial Features
7	27m NW	Gas Governor Station	Leicestershire, DE74	Gas Features	Infrastructure and Facilities
8	27m NW	Mast	Leicestershire, DE74	Telecommunications Features	Infrastructure and Facilities
9	34m E	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features
D	39m E	Pumping Station	Leicestershire, DE74	Water Pumping Stations	Industrial Features
D	39m E	Sewage Pumping Station	Leicestershire, DE74	Waste Storage, Processing and Disposal	Infrastructure and Facilities
E	47m N	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
C	50m SE	Gantry	Leicestershire, LE12	Travelling Cranes and Gantries	Industrial Features
F	55m NW	Tank	Leicestershire, DE74	Tanks (Generic)	Industrial Features
F	64m NW	Tank	Leicestershire, DE74	Tanks (Generic)	Industrial Features
10	65m NE	National Grid Electricity Distribution	Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2TU	Electrical Production and Manipulation Equipment	Industrial Products
H	67m NE	BP Service Station	BP Petrol Station Donington Park Service Area Junction 23a, Ashby Road, Castle Donington, Leicestershire, DE74 2TN	Petrol and Fuel Stations	Road and Rail
E	68m N	Amec Foster Wheeler	Osprey House 5, Hunter Road, Castle Donington, Leicestershire, DE74 2TQ	Civil Engineers	Engineering Services

ID	Location	Company	Address	Activity	Category
11	72m E	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features
I	74m NW	Tank	Leicestershire, DE74	Tanks (Generic)	Industrial Features
E	75m N	National Grid	Osprey House 5, Hunter Road, Castle Donington, Leicestershire, DE74 2TQ	Electrical Production and Manipulation Equipment	Industrial Products
I	77m NW	Tank	Leicestershire, DE74	Tanks (Generic)	Industrial Features
F	79m NW	Tank	Leicestershire, DE74	Tanks (Generic)	Industrial Features
13	85m NW	Balancing Pond	Leicestershire, DE74	Settling, Balancing and Silt Ponds	Bodies of Water
14	89m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
G	90m NW	Pylon	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
F	92m NW	Advantage Flight Support	Building 10, Viscount Road, Castle Donington, Leicestershire, DE74 2SA	Aircraft Charters	Contract Services
F	93m NW	North Air Ltd	BP Fuel Farm Building 10, East Midlands Airport, Castle Donington, Derby, Leicestershire, DE74 2SA	Fuel Distributors and Suppliers	Household, Office, Leisure and Garden
15	96m NE	Gas Governor	Leicestershire, DE74	Gas Features	Infrastructure and Facilities
16	98m NE	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features
17	111m W	Pump House	Leicestershire, DE74	Water Pumping Stations	Industrial Features
G	112m NW	Mast (Telecommunication)	Leicestershire, DE74	Telecommunications Features	Infrastructure and Facilities
18	113m NW	Mast (Telecommunication)	Leicestershire, DE74	Telecommunications Features	Infrastructure and Facilities
19	114m W	East Midlands Mini Bus	9 Cheslyn Court, Diseworth, Derby, Leicestershire, DE74 2SJ	Vehicle Hire and Rental	Hire Services
E	116m N	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
G	118m NW	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
F	124m NW	Auto Service Centre	Building 9, Viscount Road, Castle Donington, Leicestershire, DE74 2SA	Vehicle Repair, Testing and Servicing	Repair and Servicing
J	128m E	Moto Donington Park	Junction 23a M 1, Castle Donington, Derby, Leicestershire, DE74 2TN	Petrol and Fuel Stations	Road and Rail
J	133m E	Castle Donington Motorway Service Area	Junction 23a M1, Castle Donington, Derby, Leicestershire, DE74 2TN	Motorway Service Stations	Road and Rail
22	134m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
K	136m N	Avis Rent A Car	Building 75c, Argosy Road, Castle Donington, Leicestershire, DE74 2SA	Vehicle Hire and Rental	Hire Services
L	136m W	East Midlands Airport	Beverley Road, Castle Donington, Leicestershire, DE74 2SA	Energy Production	Industrial Features
23	137m E	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features
K	137m N	Nippon Express UK Ltd	Building 75a, Argosy Road, Castle Donington, Leicestershire, DE74 2SA	Distribution and Haulage	Transport, Storage and Delivery
24	137m W	East Midlands Airport Turbine	Leicestershire, DE74	Energy Production	Industrial Features
25	138m NW	Balancing Pond	Leicestershire, DE74	Settling, Balancing and Silt Ponds	Bodies of Water
26	153m NW	Denata	Building 17, Viscount Road, Castle Donington, Leicestershire, DE74 2SA	Aeroplanes	Industrial Products
M	156m N	Midlands Chauffeurs Ltd	Herald Way, Castle Donington, Derby, Leicestershire, DE74 2TZ	Vehicle Hire and Rental	Hire Services
L	158m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
27	160m W	East Midlands Airport Turbine	Leicestershire, DE74	Energy Production	Industrial Features

ID	Location	Company	Address	Activity	Category
N	162m NE	Direct Link	Regus House, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2TZ	Airlines and Airline Services	Transport, Storage and Delivery
M	162m N	Air Logistics Ltd	Pwc Ground Floor West Wing, Donington Court, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2UZ	Airlines and Airline Services	Transport, Storage and Delivery
M	162m N	Heavyweight Air Express Ltd	Pwc Ground Floor West Wing, Donington Court, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2UZ	Distribution and Haulage	Transport, Storage and Delivery
N	163m NE	Onyx Transport	Regus House, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2TZ	Vehicle Hire and Rental	Hire Services
N	163m NE	Heart in Diamond	Regus House, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2TZ	Jewellery, Gems, Clocks and Watches	Consumer Products
O	165m N	Business Park	Leicestershire, DE74	Business Parks and Industrial Estates	Industrial Features
28	168m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
P	181m NW	BP Service Station	H K S Airport Service, Castle Donington, Derby, Leicestershire, DE74 2SA	Petrol and Fuel Stations	Road and Rail
O	188m N	Labflex Ltd	Ground Floor 1 Plot 1a Unit A, Herald Way, East Midlands Airport, Castle Donington, Leicestershire, DE74 2TZ	Measurement and Inspection Equipment	Industrial Products
O	188m N	Logical Storage Solutions	Unit 1b Herald Way, Pegasus Business Park, Castle Donington, Derby, Leicestershire, DE74 2TZ	Shelving, Storage, Safes and Vaults	Industrial Products
P	188m NW	Hks Airport	East Midlands Airport, Castle Donington, Derby, Leicestershire, DE74 2SA	Vehicle Cleaning Services	Personal, Consumer and Other Services
29	192m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
O	196m N	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
30	201m N	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
31	206m W	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities

ID	Location	Company	Address	Activity	Category
32	206m NW	Eastwest Cargo Services Ltd	Building 101, Beverley Road, East Midlands Airport, Castle Donington, Leicestershire, DE74 2SA	Distribution and Haulage	Transport, Storage and Delivery
33	211m N	Railvision	Unit 2 Cygnus Court, Beverley Road, East Midlands Airport, Castle Donington, Leicestershire, DE74 2SA	Railway Companies and Information	Transport, Storage and Delivery
34	215m SW	Works	Leicestershire, DE74	Unspecified Works Or Factories	Industrial Features
35	221m NW	Castle Donington Fire Station	Building 97, Beverley Road, East Midlands Airport, Castle Donington, Leicestershire, DE74 2SA	Fire Brigade Stations	Central and Local Government
Q	223m N	Davies Turner & Co Ltd	Building 70a 70b, Argosy Road, Castle Donington, Leicestershire, DE74 2SA	Distribution and Haulage	Transport, Storage and Delivery
R	226m N	Rubix	Air Cargo Centre Unit 440 Argosy Road, Castle Donington, Derby, Leicestershire, DE74 2SA	Distribution and Haulage	Transport, Storage and Delivery
Q	228m N	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
S	229m NW	Electricity Sub Station	Leicestershire, DE74	Electrical Features	Infrastructure and Facilities
36	236m SE	Gantry	Leicestershire, LE12	Travelling Cranes and Gantries	Industrial Features
R	238m N	H G V Direct Ltd	Unit 441 Air Cargo Centre, Argosy Road, Castle Donington, Leicestershire, DE74 2SA	Vehicle Parts and Accessories	Motoring
S	244m NW	B C T Aviation Maintenanc e Ltd	Office 07 Building 100, Beverley Road, East Midlands Airport, Castle Donington, Leicestershire, DE74 2SA	Aviation Engineers	Engineering Services
38	245m E	Gantry	Leicestershire, DE74	Travelling Cranes and Gantries	Industrial Features
S	247m NW	Amber Beverage UK Ltd	Building 100, Castle Donington, Derby, Leicestershire, DE74 2SA	Distribution and Haulage	Transport, Storage and Delivery

This data is sourced from Ordnance Survey.

4.2 Current or recent petrol stations

Records within 500m	2

Open, closed, under development and obsolete petrol stations.

Features are displayed on the Current industrial land use map on **page 41 >**

ID	Location	Company	Address	LPG	Status
G	58m W	BP	East Midlands Airport, Castle Donington, Derby, Leicestershire, DE74 2SA	No	Open
21	130m NE	BP	M1 J23a, A453, Castle Donington, Derby, Leicestershire, DE74 2TN	No	Open

This data is sourced from Experian.

4.3 Electricity cables

Records within 500m	0

High voltage underground electricity transmission cables.

This data is sourced from National Grid.

4.4 Gas pipelines

Records within 500m	0

High pressure underground gas transmission pipelines.

This data is sourced from National Grid.

4.5 Sites determined as Contaminated Land

Records within 500m	0

Contaminated Land Register of sites designated under Part 2a of the Environmental Protection Act 1990.

This data is sourced from Local Authority records.

4.6 Control of Major Accident Hazards (COMAH)

Records within 500m	0

Control of Major Accident Hazards (COMAH) sites. This data includes upper and lower tier sites, and includes a historical archive of COMAH sites and Notification of Installations Handling Hazardous Substances (NIHHS) records.

This data is sourced from the Health and Safety Executive.

4.7 Regulated explosive sites

Records within 500m	0

Sites registered and licensed by the Health and Safety Executive under the Manufacture and Storage of Explosives Regulations 2005 (MSER). The last update to this data was in April 2011.

This data is sourced from the Health and Safety Executive.

4.8 Hazardous substance storage/usage

Records within 500m	0

Consents granted for a site to hold certain quantities of hazardous substances at or above defined limits in accordance with the Planning (Hazardous Substances) Regulations 2015.

This data is sourced from Local Authority records.

4.9 Historical licensed industrial activities (IPC)

Records within 500m	0

Integrated Pollution Control (IPC) records of substance releases to air, land and water. This data represents a historical archive as the IPC regime has been superseded.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.10 Licensed industrial activities (Part A(1))

Records within 500m	0

Records of Part A(1) installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.11 Licensed pollutant release (Part A(2)/B)

Records within 500m	11

Records of Part A(2) and Part B installations regulated under the Environmental Permitting (England and Wales) Regulations 2016 for the release of substances to the environment.

Features are displayed on the Current industrial land use map on **page 41 >**

ID	Location	Address	Details	
H	79m NE	Moto Hospitality Ltd (BP), Donington Park Service Station, Junction 23A, Ashby Road, Castle Donington, Derby, DE74 2TN	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
P	177m NW	HKS Retail Ltd, Building 7, Dove Road, Castle Donington, Derby, Leicestershire, DE74 2SA	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
37	240m NW	Servisair (UK) Limited, Cargo Unit Building 96, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
S	244m NW	Hunting Aviation, E Midlands Airport, DE74 2SA	Process: Coating Processes Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
39	251m NW	Rh Aircargo Limited, Building 109/110, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Flexible Packaging Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
41	258m W	Airbourne Colours Limited, Building 35 Dakota Road, Castle Donington, Derby, Leicestershire, DE74 2SA	Process: Unloading of Petrol into Storage at Service Stations Status: Current Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
T	282m NW	Ndt Services Limited, Building 38, Vanguard Road, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Industrial Radiography And Training Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified

ID	Location	Address	Details	
T	287m NW	Dhl Aviation (UK) Limited, Cargo Terminal 2, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Storage in Transit Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
T	287m NW	Rh Freight Limited, Cargo Building 2, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Process Unknown Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
42	307m NW	HKS Retail Ltd, Airport, East Midlands Airport Ltd, NEMA, Castle Donington, Derbys, DE74 2SA	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified
44	383m NW	Servisair (UK) Limited, Cargo Terminal 4, East Midlands Airport, Castle Donnington, Derbyshire, DE74 2SA	Process: Unloading of Petrol into Storage at Service Stations Status: Historical Permit Permit Type: Part B	Enforcement: No enforcements notified Date of enforcement: No enforcements notified Comment: No enforcements notified

This data is sourced from Local Authority records.

4.12 Radioactive Substance Authorisations

Records within 500m	**0**

Records of the storage, use, accumulation and disposal of radioactive substances regulated under the Radioactive Substances Act 1993.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.13 Licensed Discharges to controlled waters

Records within 500m	**12**

Discharges of treated or untreated effluent to controlled waters under the Water Resources Act 1991.

Features are displayed on the Current industrial land use map on **page 41 >**

ID	Location	Address	Details	
A	**On site**	**EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA**	**Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/45295/T Permit Version: 1 Receiving Water: LONG WHATTON BROOK & R TRENT**	**Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 24/05/1999 Effective Date: 24/05/1999 Revocation Date: 01/06/2003**
A	**On site**	**EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA**	**Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/22960/T Permit Version: 1 Receiving Water: TRIBS OF LONG WHATTON BROOK**	**Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 20/01/1995 Effective Date: 01/04/1995 Revocation Date: 23/05/1999**
A	**On site**	**EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA**	**Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/22960/T Permit Version: 1 Receiving Water: TRIBS OF LONG WHATTON BROOK**	**Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995) Issue date: 20/01/1995 Effective Date: 01/04/1995 Revocation Date: 23/05/1999**
A	**On site**	**EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA**	**Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/45295/T Permit Version: 2 Receiving Water: LONG WHATTON BROOK&RIVER TRENT**	**Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/06/2003 Effective Date: 02/06/2003 Revocation Date: 23/10/2018**
B	2m W	EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/45295/T Permit Version: 2 Receiving Water: LONG WHATTON BROOK&RIVER TRENT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 02/06/2003 Effective Date: 02/06/2003 Revocation Date: 23/10/2018
B	2m W	EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE Permit Number: T/57/45295/T Permit Version: 1 Receiving Water: LONG WHATTON BROOK & R TRENT	Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995) Issue date: 24/05/1999 Effective Date: 24/05/1999 Revocation Date: 01/06/2003
A	7m NW	EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/57/45295/T Permit Version: 3 Receiving Water: LONG WHATTON BROOK&RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 24/10/2018 Effective Date: 24/10/2018 Revocation Date: -

ID	Location	Address	Details	
B	7m W	EASTMIDLANDSAIRPORT,CASTLEDONINGTON,DERBY,DERBYSHIRE,DE742SA	Effluent Type: TRADE DISCHARGES - SITE DRAINAGE (CONTAM SURFACE WATER, NOT WASTE SIT Permit Number: T/57/45295/T Permit Version: 3 Receiving Water: LONG WHATTON BROOK&RIVER TRENT	Status: VARIED UNDER EPR 2010 Issue date: 24/10/2018 Effective Date: 24/10/2018 Revocation Date: -
40	252m W	EASTMIDLANDSAIRPORT,CASTLEDONNINGTON,DERBYSHIRE	Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY Permit Number: WQ/72/2636 Permit Version: 1 Receiving Water: UNDERGROUND STRATA	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 31/08/1979 Effective Date: 31/08/1979 Revocation Date: -
43	316m SW	DISEWORTHLGWHATTONPSSTMEMG,DISEWORTHPUMPINGSTATION,LONGWHATTONPUMPINGSTATION,LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/57/01487/O Permit Version: 1 Receiving Water: LONG WHATTON/DISEWORTH BROOKS	Status: 1961 R(PP)A APPLICATION REFUSED Issue date: 07/02/1966 Effective Date: 07/02/1966 Revocation Date: 01/03/2001
U	361m SW	LADYGATESTORMEMERGENCYOF,DISEWORTH,LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY Permit Number: T/57/08273/O Permit Version: 1 Receiving Water: LONG WHATTON/DISEWORTH BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 09/12/1980 Effective Date: 09/12/1980 Revocation Date: -
U	361m SW	LADYGATESTORMEMERGENCYOF,DISEWORTH,LEICESTERSHIRE	Effluent Type: SEWAGE DISCHARGES - SEWER STORM OVERFLOW - WATER COMPANY Permit Number: T/57/08273/O Permit Version: 1 Receiving Water: LONG WHATTON/DISEWORTH BROOK	Status: PRE NRA LEGISLATION WHERE ISSUE DATE 01-SEP-89 (HISTORIC ONLY) Issue date: 09/12/1980 Effective Date: 09/12/1980 Revocation Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

4.14 Pollutant release to surface waters (Red List)

Records within 500m	**0**

Discharges of specified substances under the Environmental Protection (Prescribed Processes and Substances) Regulations 1991.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.15 Pollutant release to public sewer

Records within 500m	0

Discharges of Special Category Effluents to the public sewer.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.16 List 1 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List I of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.17 List 2 Dangerous Substances

Records within 500m	0

Discharges of substances identified on List II of European Directive E 2006/11/EC, and regulated under the Environmental Damage (Prevention and Remediation) Regulations 2015.

This data is sourced from the Environment Agency and Natural Resources Wales.

4.18 Pollution Incidents (EA/NRW)

Records within 500m	4

Records of substantiated pollution incidents. Since 2006 this data has only included category 1 (major) and 2 (significant) pollution incidents.

Features are displayed on the Current industrial land use map on **page 41 >**

ID	Location	Details	
C	3m SE	Incident Date: 15/07/2002 Incident Identification: 91518 Pollutant: General Biodegradable Materials and Wastes Pollutant Description: Other General Biodegradable Material or Waste	Water Impact: Category 4 (No Impact) Land Impact: Category 3 (Minor) Air Impact: Category 4 (No Impact)
12	80m W	Incident Date: 10/12/2002 Incident Identification: 125485 Pollutant: Oils and Fuel Pollutant Description: Kerosene and Aviation Fuel	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

ID	Location	Details	
20	115m NW	Incident Date: 09/11/2002 Incident Identification: 119771 Pollutant: Oils and Fuel Pollutant Description: Kerosene and Aviation Fuel	Water Impact: Category 2 (Significant) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)
R	254m N	Incident Date: 09/10/2003 Incident Identification: 195219 Pollutant: Oils and Fuel Pollutant Description: Gas and Fuel Oils	Water Impact: Category 3 (Minor) Land Impact: Category 4 (No Impact) Air Impact: Category 4 (No Impact)

This data is sourced from the Environment Agency and Natural Resources Wales.

4.19 Pollution inventory substances

Records within 500m	0

The pollution inventory (substances) includes reporting on annual emissions of certain regulated substances to air, controlled waters and land. A reporting threshold for each substance is also included. Where emissions fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

4.20 Pollution inventory waste transfers

Records within 500m	0

The pollution inventory (waste transfers) includes reporting on annual transfers and recovery/disposal of controlled wastes from a site. A reporting threshold for each waste type is also included. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

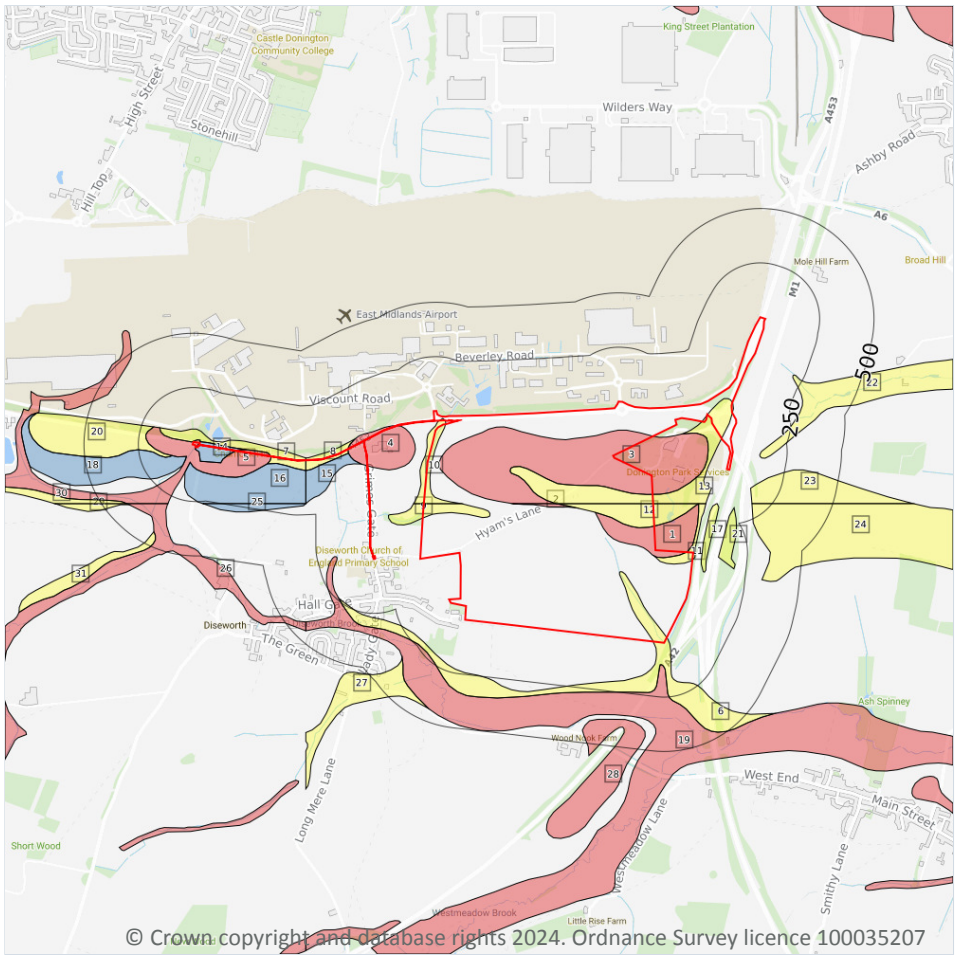
4.21 Pollution inventory radioactive waste

Records within 500m	0

The pollution inventory (radioactive wastes) includes reporting on annual releases of radioactive substances from a site, including the means of release. Where releases fall below the reporting threshold, no value will be given. The data is given for the most recent complete year available.

This data is sourced from the Environment Agency and the Scottish Environment Protection Agency.

5 Hydrogeology - Superficial aquifer



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Site Outline

Search buffers in metres (m)

- Principal
- Secondary A
- Secondary B
- Secondary Undifferentiated
- Unproductive
- Unknown

5.1 Superficial aquifer

Records within 500m	31

Aquifer status of groundwater held within superficial geology.

Features are displayed on the Hydrogeology map on **page 55 >**

ID	Location	Designation	Description
1	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
2	On site	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers

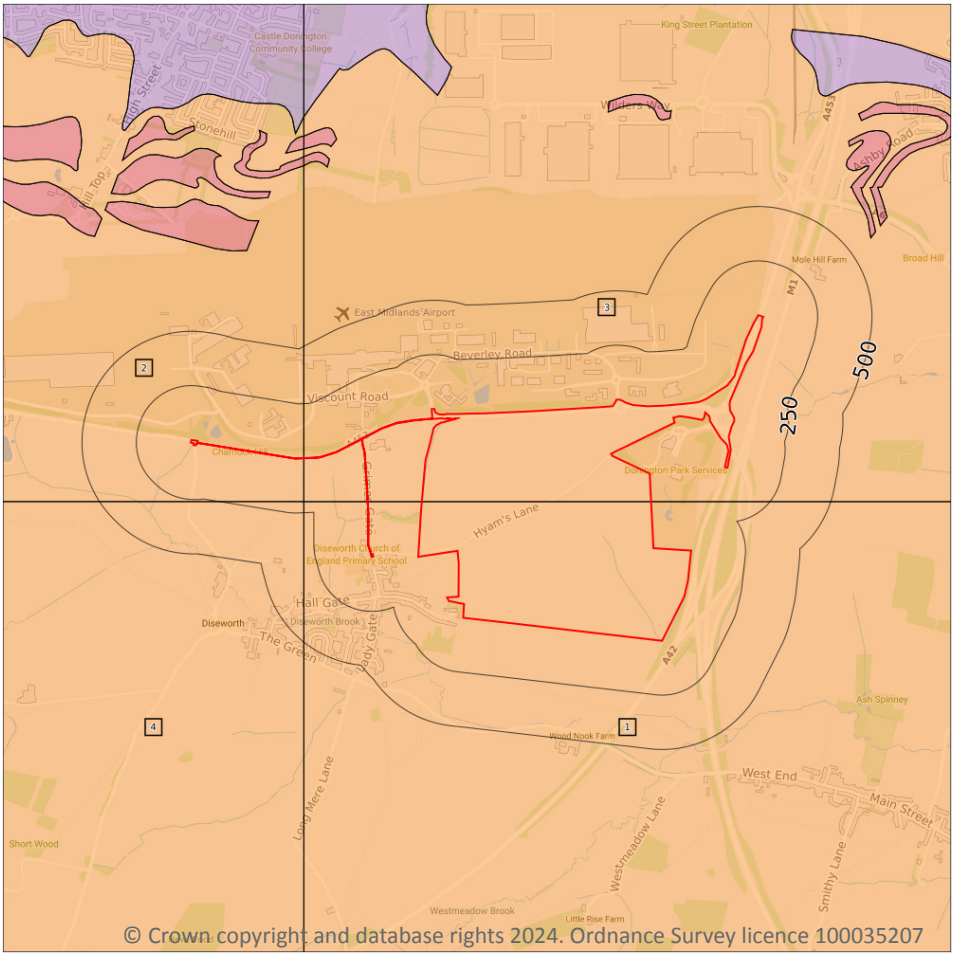
ID	Location	Designation	Description
3	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
4	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
5	**On site**	**Secondary A**	**Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers**
6	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
7	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
8	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
9	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
10	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
11	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
12	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
13	**On site**	**Secondary Undifferentiated**	**Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type**
14	**On site**	**Unproductive**	**These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow**
15	14m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
16	27m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow

ID	Location	Designation	Description
17	41m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
18	60m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
19	102m SE	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
20	108m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
21	118m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
22	125m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
23	129m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
24	187m E	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
25	198m W	Unproductive	These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow
26	289m W	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
27	335m SW	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
28	371m S	Secondary A	Permeable layers capable of supporting water supplies at a local rather than strategic scale, and in some cases forming an important source of base flow to rivers. These are generally aquifers formerly classified as minor aquifers
29	403m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type
30	408m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

ID	Location	Designation	Description
31	433m W	Secondary Undifferentiated	Assigned where it is not possible to attribute either category A or B to a rock type. In general these layers have previously been designated as both minor and non-aquifer in different locations due to the variable characteristics of the rock type

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Bedrock aquifer



5.2 Bedrock aquifer

Records within 500m	4

Aquifer status of groundwater held within bedrock geology.

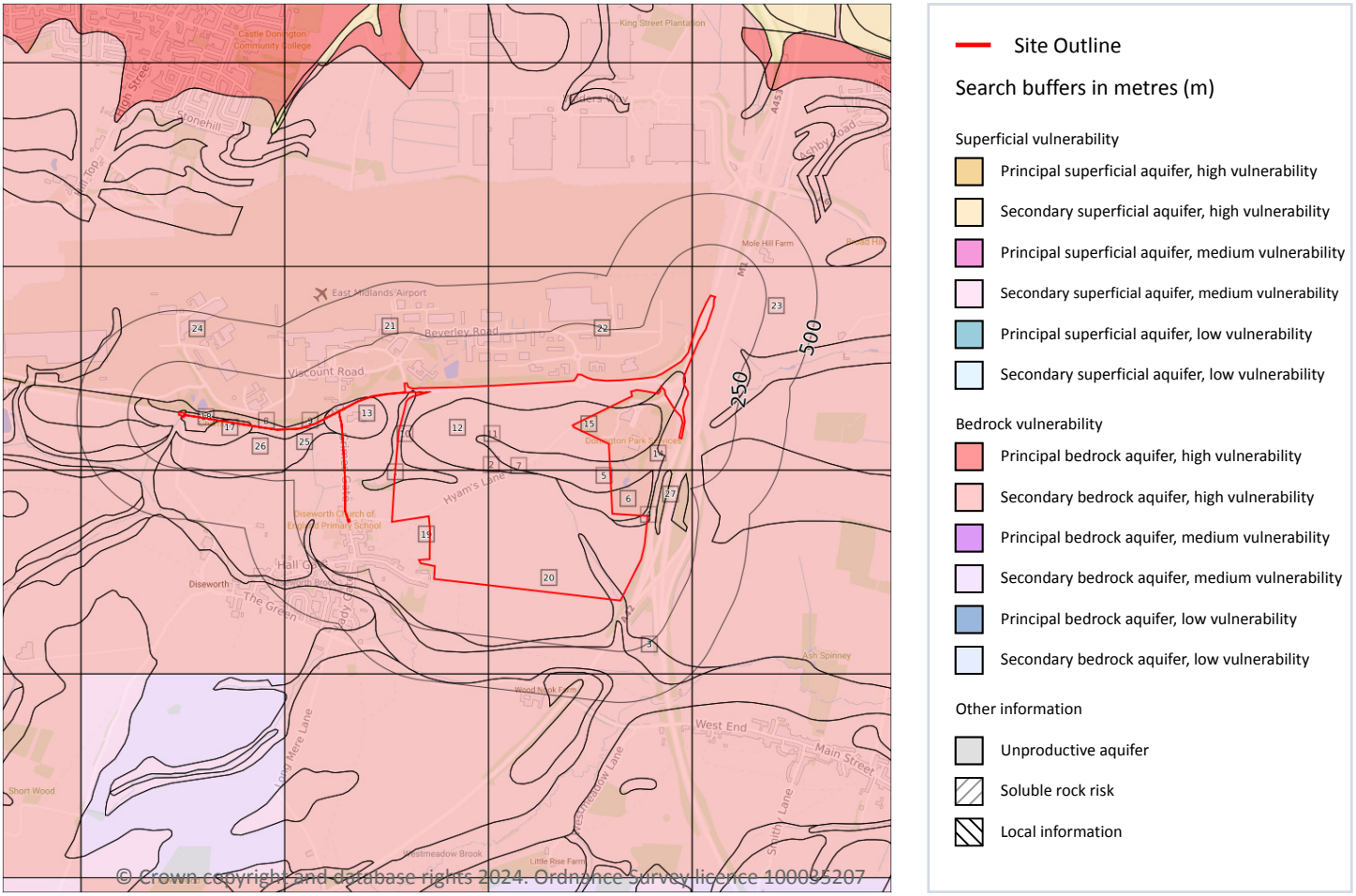
Features are displayed on the Bedrock aquifer map on **page 59 >**

ID	Location	Designation	Description
1	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers
2	On site	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers

ID	Location	Designation	Description
3	**On site**	**Secondary B**	**Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers**
4	198m W	Secondary B	Predominantly lower permeability layers which may store/yield limited amounts of groundwater due to localised features such as fissures, thin permeablehorizons and weathering. These are generally the water-bearing parts of the former non-aquifers

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

Groundwater vulnerability



5.3 Groundwater vulnerability

Records within 50m	27

An assessment of the vulnerability of groundwater to a pollutant discharged at ground level based on the hydrological, geological, hydrogeological and soil properties within a one kilometre square grid. Groundwater vulnerability is described as High, Medium or Low as follows:

- High - Areas able to easily transmit pollution to groundwater. They are likely to be characterised by high leaching soils and the absence of low permeability superficial deposits.
- Medium - Intermediate between high and low vulnerability.
- Low - Areas that provide the greatest protection from pollution. They are likely to be characterised by low leaching soils and/or the presence of superficial deposits characterised by a low permeability.

Features are displayed on the Groundwater vulnerability map on **page 61 >**

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
1	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
2	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
3	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
4	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
5	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
6	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
7	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
8	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
9	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
10	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
11	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
12	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
13	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
14	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
15	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
16	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
17	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
18	On site	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
19	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
20	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
21	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
22	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: 3-10m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
23	**On site**	**Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer**	**Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year**	**Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data**	**Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures**
24	10m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
25	14m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

ID	Location	Summary	Soil / surface	Superficial geology	Bedrock geology
26	27m W	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Unproductive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Unproductive Aquifer type: Unproductive Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures
27	41m E	Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer	Leaching class: Intermediate Infiltration value: <40% Dilution value: <300mm/year	Vulnerability: Medium Aquifer type: Secondary Thickness: <3m Patchiness value: <90% Recharge potential: No Data	Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures

This data is sourced from the British Geological Survey, the Environment Agency and Natural Resources Wales.

5.4 Groundwater vulnerability- soluble rock risk

Records on site	0

This dataset identifies areas where solution features that enable rapid movement of a pollutant may be present within a 1km grid square.

This data is sourced from the British Geological Survey and the Environment Agency.

5.5 Groundwater vulnerability- local information

Records on site	0

This dataset identifies areas where additional local information affecting vulnerability is held by the Environment Agency. Further information can be obtained by contacting the Environment Agency local Area groundwater team through the Environment Agency National Customer Call Centre on 03798 506 506 or by email on enquiries@environment-agency.gov.uk ↗.

This data is sourced from the British Geological Survey and the Environment Agency.

Abstractions and Source Protection Zones

Site Outline

Search buffers in metres (m)

- Source Protection Zone 1 — Inner catchment
- Source Protection Zone 2 — Outer catchment
- Source Protection Zone 3 — Total catchment
- Source Protection Zone 4 — Zone of Special Interest
- Source Protection Zone 1c — Inner catchment - confined aquifer
- Source Protection Zone 2c — Outer catchment - confined aquifer
- Source Protection Zone 3c — Total catchment - confined aquifer
- Drinking water abstraction licences
- Drinking water abstraction licences — Polygon features
- Drinking water abstraction licences — Linear features
- Groundwater abstraction licence (point)
- Groundwater abstraction licence (area)
- Groundwater abstraction licence (linear)
- Surface Water Abstractions (point)
- Surface Water Abstractions (area)
- Surface Water Abstractions (linear)

5.6 Groundwater abstractions

Records within 2000m	10

Licensed groundwater abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, between two points (line data) or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 67 >**

ID	Location	Details	
A	1016m E	Status: Active Licence No: 03/28/57/0108 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: WHATTON HOUSE, NR LONG WHATTON - B/HOLE Data Type: Point Name: [redacted] Easting: 447900 Northing: 324800	Annual Volume (m^3): 4773.3 Max Daily Volume (m^3): 45.46 Original Application No: - Original Start Date: 12/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
A	1016m E	Status: Active Licence No: 03/28/57/0108 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: WHATTON HOUSE, NR LONG WHATTON - B/HOLE Data Type: Point Name: [redacted] Easting: 447900 Northing: 324800	Annual Volume (m^3): 4773.3 Max Daily Volume (m^3): 45.46 Original Application No: - Original Start Date: 12/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2008 Version End Date: -
-	1560m S	Status: Historical Licence No: 03/28/57/0008 Details: General Farming & Domestic Direct Source: Groundwater Midlands Region Point: RISTE FARM Data Type: Point Name: [redacted] Easting: 445700 Northing: 322900	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 02/12/1965 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -
-	1801m NE	Status: Historical Licence No: 03/28/59/0003 Details: Non-Evaporative Cooling Direct Source: Groundwater Midlands Region Point: KEGWORTH - CATCHPIT Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 07/04/1970 Version End Date: -
-	1801m NE	Status: Historical Licence No: 03/28/59/0003 Details: Process Water Direct Source: Groundwater Midlands Region Point: KEGWORTH - CATCHPIT Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327000	Annual Volume (m^3): 9999 Max Daily Volume (m^3): 227 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2005 Version End Date: -

ID	Location	Details	
-	1935m NE	Status: Historical Licence No: 03/28/59/0003 Details: Non-Evaporative Cooling Direct Source: Groundwater Midlands Region Point: KEGWORTH - WELLS Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327200	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 100 Version Start Date: 07/04/1970 Version End Date: -
-	1935m NE	Status: Historical Licence No: 03/28/59/0003 Details: Non-Evaporative Cooling Direct Source: Groundwater Midlands Region Point: KEGWORTH-WELL Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327200	Annual Volume (m^3): 9999 Max Daily Volume (m^3): 227 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2005 Version End Date: -
-	1935m NE	Status: Historical Licence No: 03/28/59/0003 Details: Process Water Direct Source: Groundwater Midlands Region Point: KEGWORTH - WELLS Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327200	Annual Volume (m^3): 9999 Max Daily Volume (m^3): 227 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2005 Version End Date: -
-	1942m NE	Status: Historical Licence No: 03/28/59/0003 Details: Non-Evaporative Cooling Direct Source: Groundwater Midlands Region Point: KEGWORTH - CATCHPIT Data Type: Point Name: SLACK & PARR LTD Easting: 448500 Northing: 327210	Annual Volume (m^3): 9999 Max Daily Volume (m^3): 227 Original Application No: - Original Start Date: 07/03/1966 Expiry Date: - Issue No: 101 Version Start Date: 01/04/2005 Version End Date: -
-	1959m NE	Status: Historical Licence No: 03/28/59/0006 Details: Spray Irrigation - Direct Direct Source: Groundwater Midlands Region Point: BOWLING GREEN - WELL Data Type: Point Name: KEGWORTH BOWLS CLUB Easting: 448700 Northing: 327000	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 12/05/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.7 Surface water abstractions

Records within 2000m	1

Licensed surface water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

Features are displayed on the Abstractions and Source Protection Zones map on **page 67 >**

ID	Location	Details	
-	1524m N	Status: Historical Licence No: 03/28/59/0004 Details: General use relating to Secondary Category (Medium Loss) Direct Source: Surface Water Midlands Region Point: LOCKINGTON - SPRINGS Data Type: Point Name: EXECUTORS OF J CURZON Easting: 446600 Northing: 327300	Annual Volume (m^3): - Max Daily Volume (m^3): - Original Application No: - Original Start Date: 26/04/1966 Expiry Date: - Issue No: 100 Version Start Date: 01/04/2000 Version End Date: -

This data is sourced from the Environment Agency and Natural Resources Wales.

5.8 Potable abstractions

Records within 2000m	0

Licensed potable water abstractions for sites extracting more than 20 cubic metres of water a day and includes active and historical records. The data may be for a single abstraction point, a stretch of watercourse or a larger area.

This data is sourced from the Environment Agency and Natural Resources Wales.

5.9 Source Protection Zones

Records within 500m	0

Source Protection Zones define the sensitivity of an area around a potable abstraction site to contamination.

This data is sourced from the Environment Agency and Natural Resources Wales.

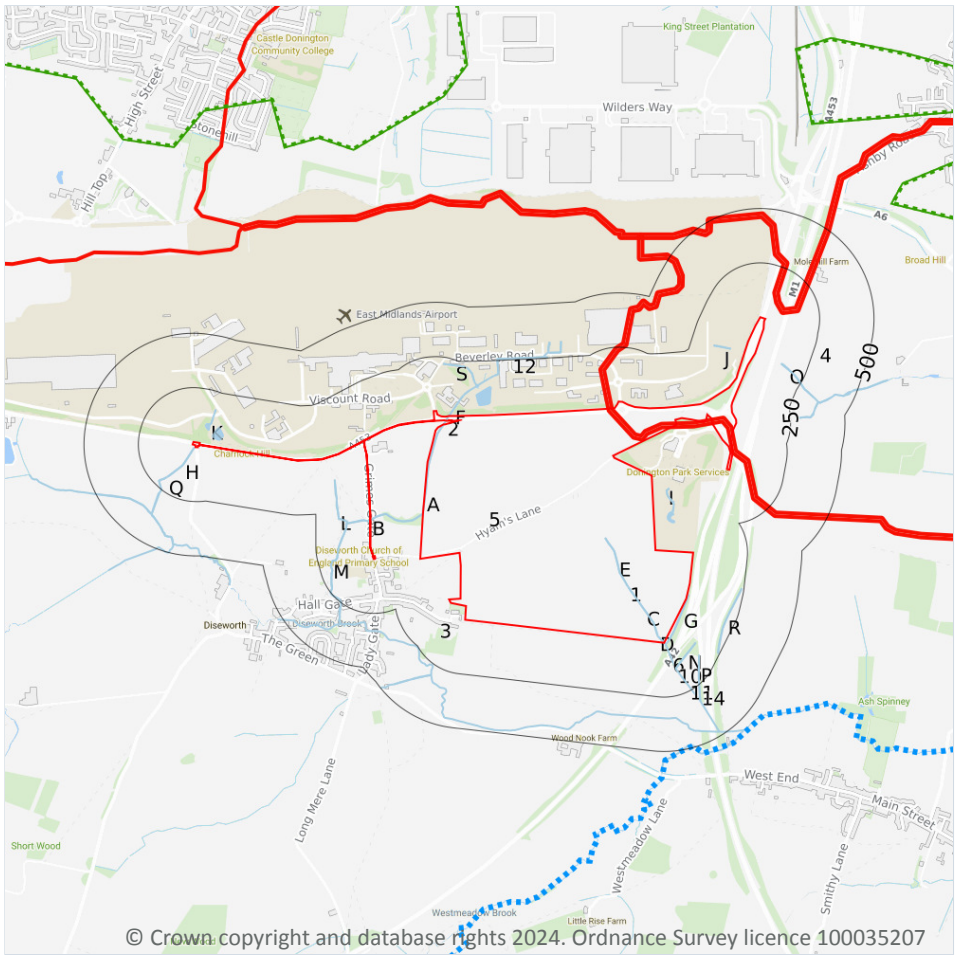
5.10 Source Protection Zones (confined aquifer)

Records within 500m	0

Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

This data is sourced from the Environment Agency and Natural Resources Wales.

6 Hydrology



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6.1 Water Network (OS MasterMap)

Records within 250m	61

Detailed water network of Great Britain showing the flow and precise central course of every river, stream, lake and canal.

Features are displayed on the Hydrology map on **page 72 >**

ID	Location	Type of water feature	Ground level	Permanence	Name
1	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	-

ID	Location	Type of water feature	Ground level	Permanence	Name
2	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
A	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
B	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
C	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
D	**On site**	**Inland river not influenced by normal tidal action.**	**Underground**	**Watercourse contains water year round (in normal circumstances)**	**-**
D	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
E	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
F	**On site**	**Inland river not influenced by normal tidal action.**	**On ground surface**	**Watercourse contains water year round (in normal circumstances)**	**-**
B	3m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	4m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
G	5m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
H	6m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
D	10m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
D	10m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
D	13m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
6	13m SE	Inland river not influenced by normal tidal action.	Not provided	Watercourse contains water year round (in normal circumstances)	-
D	16m SE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	62m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
I	65m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	65m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	65m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
J	66m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	69m E	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	76m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	86m W	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	87m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
I	93m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	93m E	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
I	94m E	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	94m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	99m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
K	99m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	107m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	107m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
M	108m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
N	114m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	116m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
10	126m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	129m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
K	129m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	130m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
11	131m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	137m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	137m NW	Lake, loch or reservoir.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
L	150m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
K	156m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	158m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
P	168m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	169m NW	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
F	179m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
12	182m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
Q	188m W	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

ID	Location	Type of water feature	Ground level	Permanence	Name
Q	192m W	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	199m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-
O	205m NE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
R	207m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
F	213m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
S	219m NW	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
14	235m SE	Inland river not influenced by normal tidal action.	On ground surface	Watercourse contains water year round (in normal circumstances)	-
O	249m NE	Inland river not influenced by normal tidal action.	Underground	Watercourse contains water year round (in normal circumstances)	-

This data is sourced from the Ordnance Survey.

6.2 Surface water features

Records within 250m	**32**

Covering rivers, streams and lakes (some overlap with OS MasterMap Water Network data in previous section) but additionally covers smaller features such as ponds. Rivers and streams narrower than 5m are represented as a single line. Lakes, ponds and rivers or streams wider than 5m are represented as polygons.

Features are displayed on the Hydrology map on **page 72 >**

This data is sourced from the Ordnance Survey.

6.3 WFD Surface water body catchments

Records on site	2

The Water Framework Directive is an EU-led framework for the protection of inland surface waters, estuaries, coastal waters and groundwater through river basin-level management planning. In terms of surface water, these basins are broken down into smaller units known as management, operational and water body catchments.

Features are displayed on the Hydrology map on **page 72 >**

ID	Location	Type	Water body catchment	Water body ID	Operational catchment	Management catchment
3	**On site**	**River**	**Long Whatton Brook Catchment (trib of Soar)**	**GB104028047170**	**Soar River**	**Soar**
4	**On site**	**River**	**Soar from Long Whatton Brook to Trent**	**GB104028047212**	**Soar River**	**Soar**

This data is sourced from the Environment Agency and Natural Resources Wales.

6.4 WFD Surface water bodies

Records identified	2

Surface water bodies under the Directive may be rivers, lakes, estuary or coastal. To achieve the purpose of the Directive, environmental objectives have been set and are reported on for each water body. The progress towards delivery of the objectives is then reported on by the relevant competent authorities at the end of each six-year cycle. The river water body directly associated with the catchment listed in the previous section is detailed below, along with any lake, canal, coastal or artificial water body within 250m of the site. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each water body listed.

Features are displayed on the Hydrology map on **page 72 >**

ID	Location	Type	Name	Water body ID	Overall rating	Chemical rating	Ecological rating	Year
33	492m SE	River	Long Whatton Brook Catchment (trib of Soar)	GB104028047170 ↗	Moderate	Fail	Moderate	2019
-	2003m NE	River	Soar from Long Whatton Brook to Trent	GB104028047212 ↗	Moderate	Fail	Moderate	2019

This data is sourced from the Environment Agency and Natural Resources Wales.

6.5 WFD Groundwater bodies

Records on site	1

Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 72 >**

ID	Location	Name	Water body ID	Overall rating	Chemical rating	Quantitative	Year
5	**On site**	**Soar - Secondary Combined**	**GB40402G990600** ↗	**Good**	**Good**	**Good**	**2019**

This data is sourced from the Environment Agency and Natural Resources Wales.

7 River and coastal flooding

7.1 Risk of flooding from rivers and the sea

Records within 50m	0

The chance of flooding from rivers and/or the sea in any given year, based on cells of 50m within the Risk of Flooding from Rivers and Sea (RoFRaS)/Flood Risk Assessment Wales (FRAW) models. Each cell is allocated one of four flood risk categories, taking into account flood defences and their condition. The risk categories for RoFRaS for rivers and the sea and FRAW for rivers are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 100 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 100 chance) or High (greater than or equal to 1 in 30 chance). The risk categories for FRAW for the sea are; Very low (less than 1 in 1000 chance in any given year), Low (less than 1 in 200 but greater than or equal to 1 in 1000 chance), Medium (less than 1 in 30 but greater than or equal to 1 in 200 chance) or High (greater than or equal to 1 in 30 chance).

This data is sourced from the Environment Agency and Natural Resources Wales.

7.2 Historical Flood Events

Records within 250m	0

Records of historic flooding from rivers, the sea, groundwater and surface water. Records began in 1946 when predecessor bodies started collecting detailed information about flooding incidents, although limited details may be included on flooding incidents prior to this date. Takes into account the presence of defences, structures, and other infrastructure where they existed at the time of flooding, and includes flood extents that may have been affected by overtopping, breaches or blockages.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.3 Flood Defences

Records within 250m	0

Records of flood defences owned, managed or inspected by the Environment Agency and Natural Resources Wales. Flood defences can be structures, buildings or parts of buildings. Typically these are earth banks, stone and concrete walls, or sheet-piling that is used to prevent or control the extent of flooding.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.4 Areas Benefiting from Flood Defences

Records within 250m	0

Areas that would benefit from the presence of flood defences in a 1 in 100 (1%) chance of flooding each year from rivers or 1 in 200 (0.5%) chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

7.5 Flood Storage Areas

Records within 250m	0

Areas that act as a balancing reservoir, storage basin or balancing pond to attenuate an incoming flood peak to a flow level that can be accepted by the downstream channel or to delay the timing of a flood peak so that its volume is discharged over a longer period.

This data is sourced from the Environment Agency and Natural Resources Wales.

River and coastal flooding - Flood Zones

7.6 Flood Zone 2

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land between Flood Zone 3 (see next section) and the extent of the flooding from rivers or the sea with a 1 in 1000 (0.1%) chance of flooding each year.

This data is sourced from the Environment Agency and Natural Resources Wales.

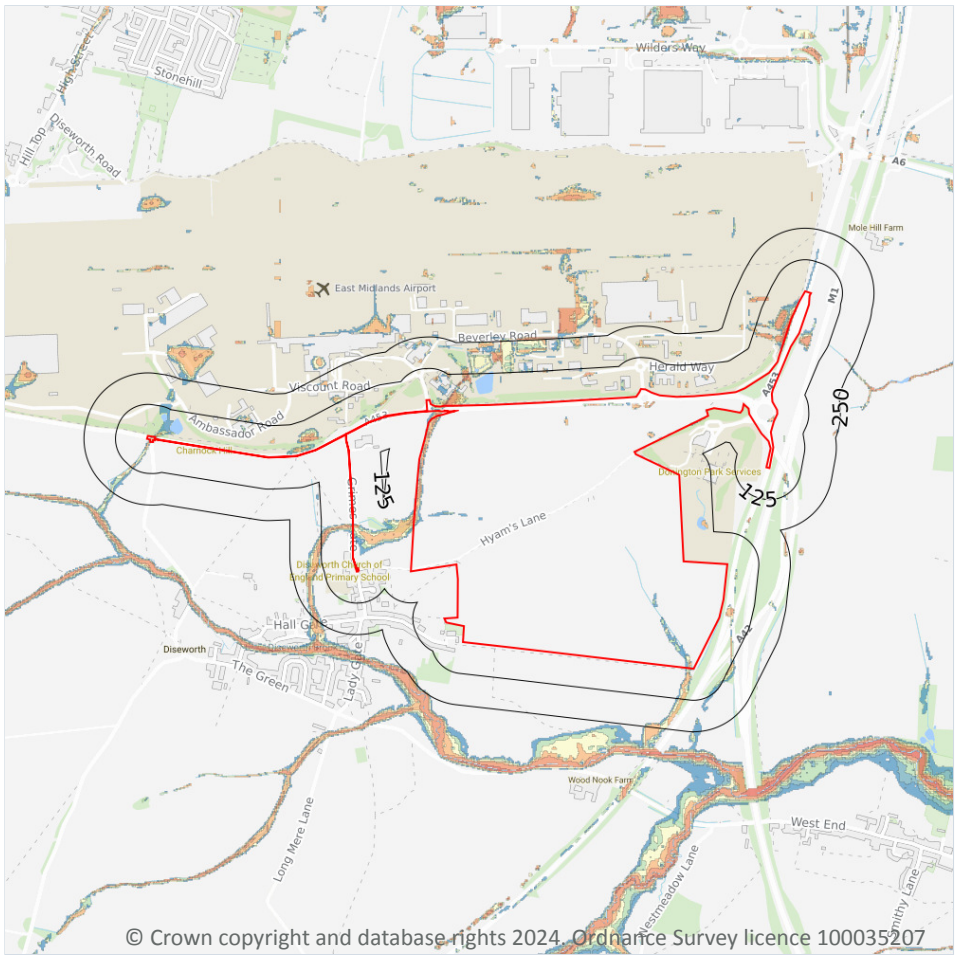
7.7 Flood Zone 3

Records within 50m	0

Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

This data is sourced from the Environment Agency and Natural Resources Wales.

8 Surface water flooding



Site Outline

Search buffers in metres (m)

1 in 1000 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 250 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 100 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

1 in 30 return period
- Depth between 0.1m - 0.3m
- Depth between 0.3m - 1.0m
- Depth greater than 1.0m

8.1 Surface water flooding

Highest risk on site	**1 in 30 year, Greater than 1.0m**
Highest risk within 50m	**1 in 30 year, Greater than 1.0m**

Ambiental Risk Analytics surface water (pluvial) FloodMap identifies areas likely to flood as a result of extreme rainfall events, i.e. land naturally vulnerable to surface water ponding or flooding. This data set was produced by simulating 1 in 30 year, 1 in 100 year, 1 in 250 year and 1 in 1,000 year rainfall events. Modern urban drainage systems are typically built to cope with rainfall events between 1 in 20 and 1 in 30 years, though some older ones may flood in a 1 in 5 year rainfall event.

Features are displayed on the Surface water flooding map on **page 83 >**

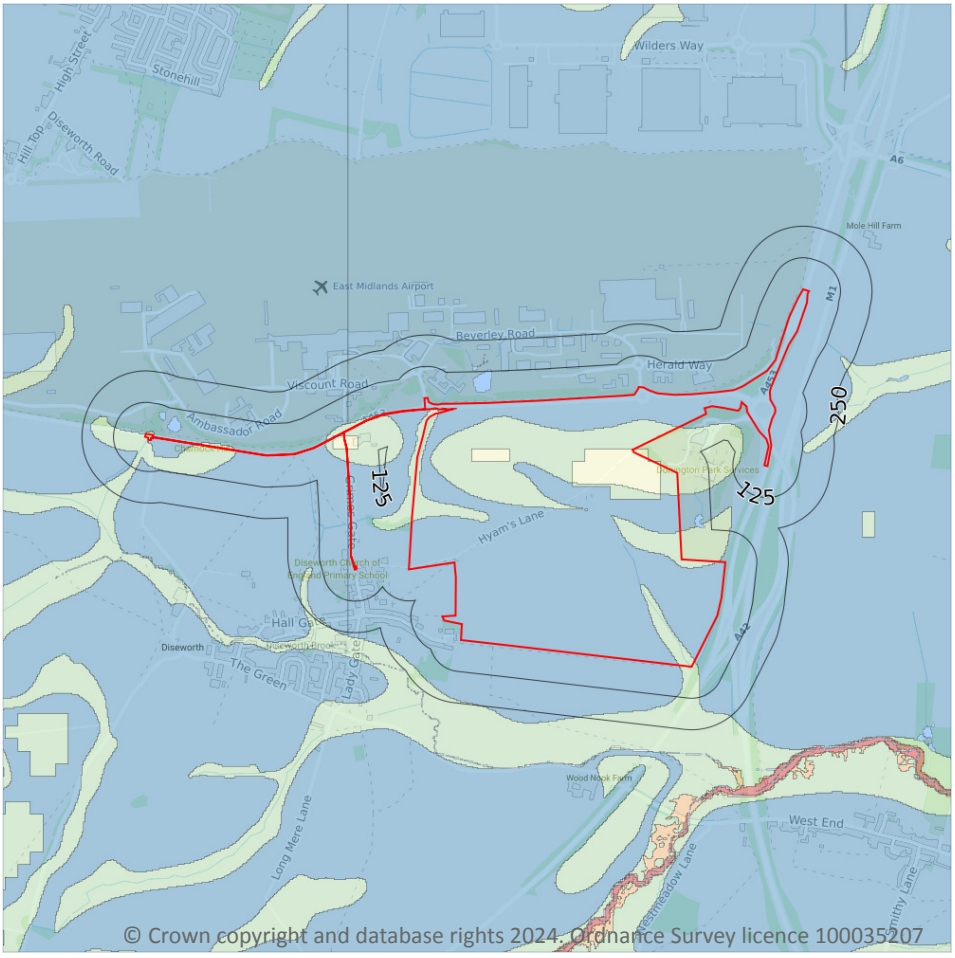
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

The table below shows the maximum flood depths for a range of return periods for the site.

Return period	Maximum modelled depth
1 in 1000 year	Greater than 1.0m
1 in 250 year	Greater than 1.0m
1 in 100 year	Greater than 1.0m
1 in 30 year	Greater than 1.0m

This data is sourced from Ambiental Risk Analytics.

9 Groundwater flooding



Site Outline

Search buffers in metres (m)

- High
- Moderate - High
- Moderate
- Low
- Negligible

9.1 Groundwater flooding

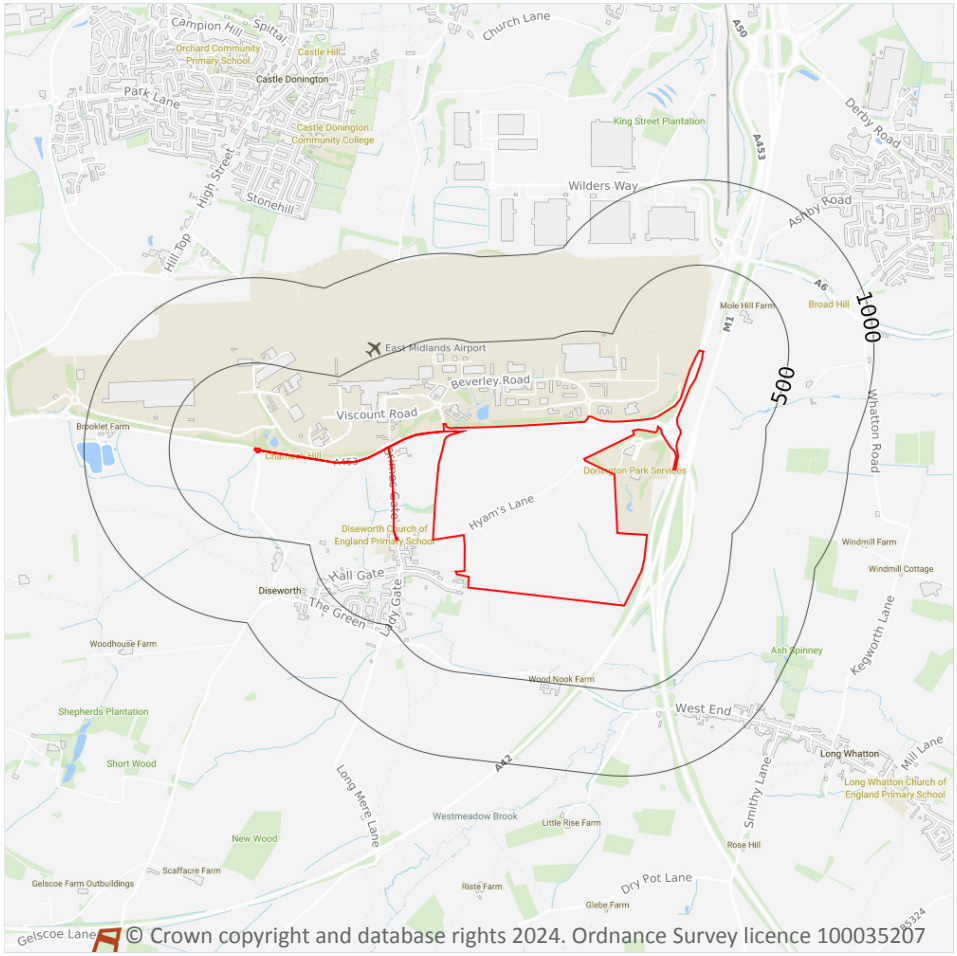
Highest risk on site	**Moderate**
Highest risk within 50m	**Moderate**

Groundwater flooding is caused by unusually high groundwater levels. It occurs when the water table rises above the ground surface or within underground structures such as basements or cellars. Groundwater flooding tends to exhibit a longer duration than surface water flooding, possibly lasting for weeks or months, and as a result it can cause significant damage to property. This risk assessment is based on a 1 in 100 year return period and a 5m Digital Terrain Model (DTM).

Features are displayed on the Groundwater flooding map on **page 85 >**

This data is sourced from Ambiental Risk Analytics.

10 Environmental designations



Site Outline

Search buffers in metres (m)

Sites of Special Scientific Interest (SSSI)

Designated Ancient Woodland

Green Belt

10.1 Sites of Special Scientific Interest (SSSI)

Records within 2000m	0

Sites providing statutory protection for the best examples of UK flora, fauna, or geological or physiographical features. Originally notified under the National Parks and Access to the Countryside Act 1949, SSSIs were re-notified under the Wildlife and Countryside Act 1981. Improved provisions for the protection and management of SSSIs were introduced by the Countryside and Rights of Way Act 2000 (in England and Wales) and (in Scotland) by the Nature Conservation (Scotland) Act 2004 and the Wildlife and Natural Environment (Scotland) Act 2010.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.2 Conserved wetland sites (Ramsar sites)

Records within 2000m	0

Ramsar sites are designated under the Convention on Wetlands of International Importance, agreed in Ramsar, Iran, in 1971. They cover all aspects of wetland conservation and wise use, recognizing wetlands as ecosystems that are extremely important for biodiversity conservation in general and for the well-being of human communities. These sites cover a broad definition of wetland; marsh, fen, peatland or water, whether natural or artificial, permanent or temporary, with water that is static or flowing, fresh, brackish or salt, and even some marine areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.3 Special Areas of Conservation (SAC)

Records within 2000m	0

Areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.4 Special Protection Areas (SPA)

Records within 2000m	0

Sites classified by the UK Government under the EC Birds Directive, SPAs are areas of the most important habitat for rare (listed on Annex I to the Directive) and migratory birds within the European Union.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.5 National Nature Reserves (NNR)

Records within 2000m	0

Sites containing examples of some of the most important natural and semi-natural terrestrial and coastal ecosystems in Great Britain. They are managed to conserve their habitats, provide special opportunities for scientific study or to provide public recreation compatible with natural heritage interests.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.6 Local Nature Reserves (LNR)

Records within 2000m	0

Sites managed for nature conservation, and to provide opportunities for research and education, or simply enjoying and having contact with nature. They are declared by local authorities under the National Parks and Access to the Countryside Act 1949 after consultation with the relevant statutory nature conservation agency.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.7 Designated Ancient Woodland

Records within 2000m	1

Ancient woodlands are classified as areas which have been wooded continuously since at least 1600 AD. This includes semi-natural woodland and plantations on ancient woodland sites. 'Wooded continuously' does not mean there is or has previously been continuous tree cover across the whole site, and not all trees within the woodland have to be old.

Features are displayed on the Environmental designations map on **page 86 >**

ID	Location	Name	Woodland Type
-	1880m W	Unknown	Ancient & Semi-Natural Woodland

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.8 Biosphere Reserves

Records within 2000m	0

Biosphere Reserves are internationally recognised by UNESCO as sites of excellence to balance conservation and socioeconomic development between nature and people. They are recognised under the Man and the Biosphere (MAB) Programme with the aim of promoting sustainable development founded on the work of the local community.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.9 Forest Parks

Records within 2000m	0

These are areas managed by the Forestry Commission designated on the basis of recreational, conservation or scenic interest.

This data is sourced from the Forestry Commission.

10.10 Marine Conservation Zones

Records within 2000m	0

A type of marine nature reserve in UK waters established under the Marine and Coastal Access Act (2009). They are designated with the aim to protect nationally important, rare or threatened habitats and species.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

10.11 Green Belt

Records within 2000m	0

Areas designated to prevent urban sprawl by keeping land permanently open.

This data is sourced from the Ministry of Housing, Communities and Local Government.

10.12 Proposed Ramsar sites

Records within 2000m	0

Ramsar sites are areas listed as a Wetland of International Importance under the Convention on Wetlands of International Importance especially as Waterfowl Habitat (the Ramsar Convention) 1971. The sites here supplied have a status of 'Proposed' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.13 Possible Special Areas of Conservation (pSAC)

Records within 2000m	0

Special Areas of Conservation are areas which have been identified as best representing the range and variety within the European Union of habitats and (non-bird) species listed on Annexes I and II to the Directive. SACs are designated under the EC Habitats Directive. Those sites supplied here are those with a status of 'Possible' having been identified for potential adoption under the framework.

This data is sourced from Natural England and Natural Resources Wales.

10.14 Potential Special Protection Areas (pSPA)

Records within 2000m	0

Special Protection Areas (SPAs) are areas designated (or ‘classified’) under the European Union Wild Birds Directive for the protection of nationally and internationally important populations of wild birds. Those sites supplied here are those with a status of 'Potential' having been identified for potential adoption under the framework.

This data is sourced from Natural England.

10.15 Nitrate Sensitive Areas

Records within 2000m	0

Areas where nitrate concentrations in drinking water sources exceeded or was at risk of exceeding the limit of 50 mg/l set by the 1980 EC Drinking Water Directive. Voluntary agricultural measures as a means of reducing the levels of nitrate were introduced by DEFRA as MAFF, with payments being made to farmers who complied. The scheme was started as a pilot in 1990 in ten areas, later implemented within 32 areas. The scheme was closed to further new entrants in 1998, although existing agreements continued for their full term. All Nitrate Sensitive Areas fell within the areas designated as Nitrate Vulnerable Zones (NVZs) in 1996 under the EC Nitrate Directive (91/676/EEC).

This data is sourced from Natural England.

10.16 Nitrate Vulnerable Zones

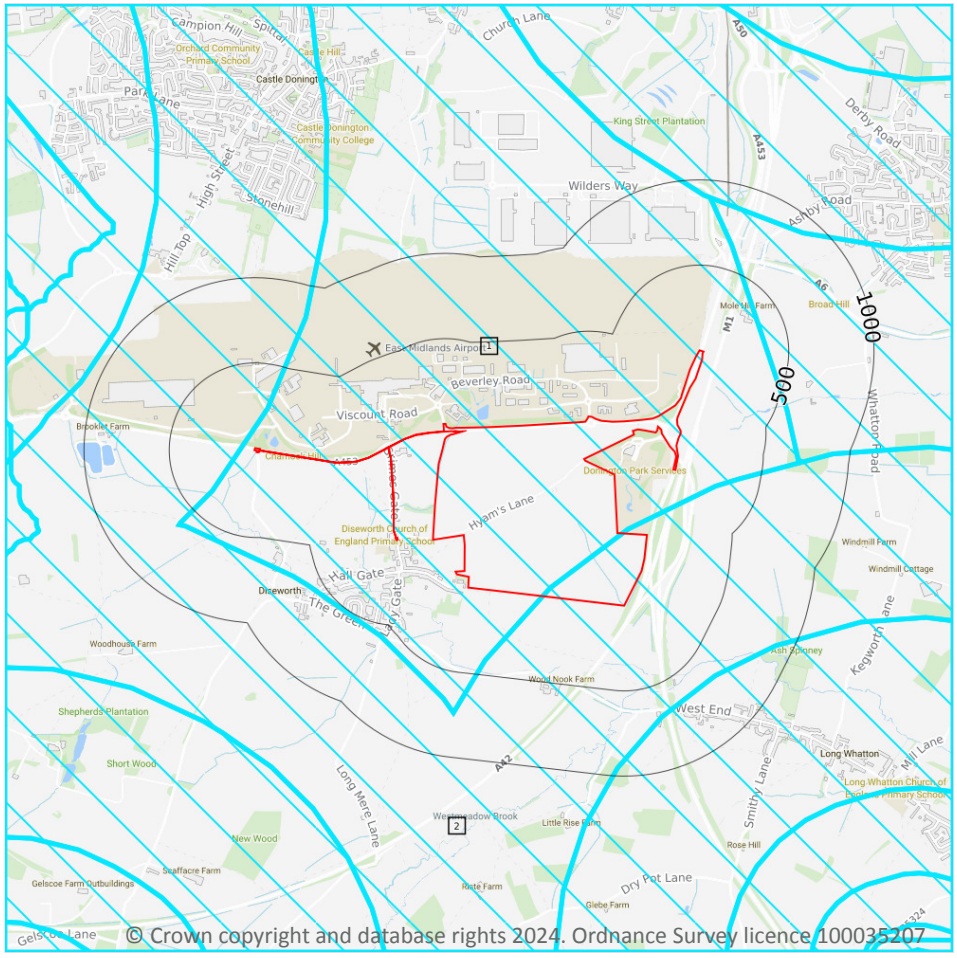
Records within 2000m	8

Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

Location	Name	Type	NVZ ID	Status
On site	**SOAR R NVZ**	**Surface Water**	**309**	**Existing**
125m NE	SOAR R NVZ	Surface Water	309	Existing
388m W	SOAR R NVZ	Surface Water	309	Existing
646m NE	Burton	Groundwater	34	Existing
800m NW	SOAR R NVZ	Surface Water	309	Existing
1036m NW	Burton	Groundwater	34	Existing
1506m E	Burton	Groundwater	34	Existing
1743m NW	SOAR R NVZ	Surface Water	309	Existing

This data is sourced from Natural England and Natural Resources Wales.

SSSI Impact Zones and Units



10.17 SSSI Impact Risk Zones

Records on site	2

Developed to allow rapid initial assessment of the potential risks to SSSIs posed by development proposals. They define zones around each SSSI which reflect the particular sensitivities of the features for which it is notified and indicate the types of development proposal which could potentially have adverse impacts.

Features are displayed on the SSSI Impact Zones and Units map on **page 91 >**

ID	Location	Type of developments requiring consultation
1	On site	**Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Oil & gas exploration/extraction. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.**
2	On site	**Infrastructure - Airports, helipads and other aviation proposals. Minerals, Oil and Gas - Planning applications for quarries, including: new proposals, Review of Minerals Permissions (ROMP), extensions, variations to conditions etc. Oil & gas exploration/extraction. Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t. Discharges - Any discharge of water or liquid waste of more than 20m³/day to ground (ie to seep away) or to surface water, such as a beck or stream.**

This data is sourced from Natural England.

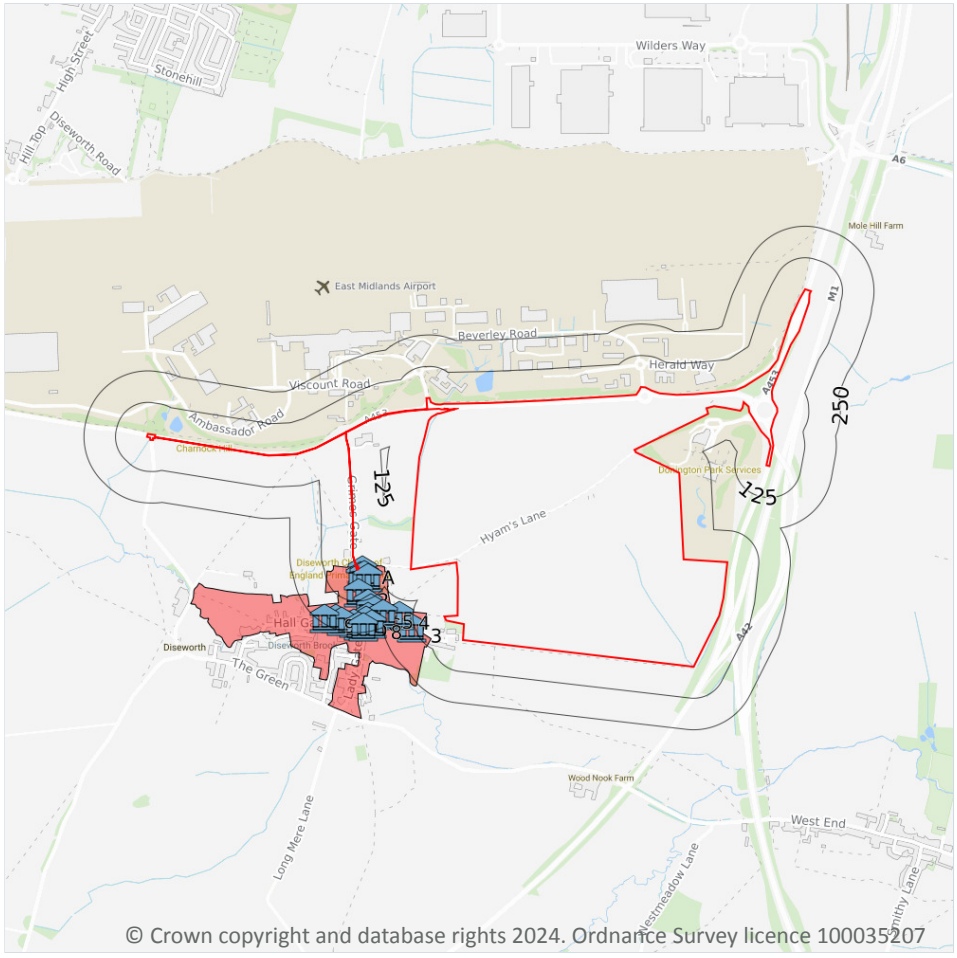
10.18 SSSI Units

Records within 2000m	**0**

Divisions of SSSIs used to record management and condition details. Units are the smallest areas for which Natural England gives a condition assessment, however, the size of units varies greatly depending on the types of management and the conservation interest.

This data is sourced from Natural England and Natural Resources Wales.

11 Visual and cultural designations



Site Outline

Search buffers in metres (m)

- Listed buildings
- Conservation areas
- Conservation areas - no data
- National Parks
- Areas of Outstanding Natural Beauty
- Registered parks and gardens
- Scheduled Monuments
- World Heritage Sites

11.1 World Heritage Sites

Records within 250m	0

Sites designated for their globally important cultural or natural interest requiring appropriate management and protection measures. World Heritage Sites are designated to meet the UK's commitments under the World Heritage Convention.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.2 Area of Outstanding Natural Beauty

Records within 250m	0

Areas of Outstanding Natural Beauty (AONB) are conservation areas, chosen because they represent 18% of the finest countryside. Each AONB has been designated for special attention because of the quality of their flora, fauna, historical and cultural associations, and/or scenic views. The National Parks and Access to the Countryside Act of 1949 created AONBs and the Countryside and Rights of Way Act, 2000 added further regulation and protection. There are likely to be restrictions to some developments within these areas.

This data is sourced from Natural England, Natural Resources Wales and Scottish Natural Heritage.

11.3 National Parks

Records within 250m	0

In England and Wales, the purpose of National Parks is to conserve and enhance landscapes within the countryside whilst promoting public enjoyment of them and having regard for the social and economic well-being of those living within them. In Scotland National Parks have the additional purpose of promoting the sustainable use of the natural resources of the area and the sustainable social and economic development of its communities. The National Parks and Access to the Countryside Act 1949 established the National Park designation in England and Wales, and The National Parks (Scotland) Act 2000 in Scotland.

This data is sourced from Natural England, Natural Resources Wales and the Scottish Government.

11.4 Listed Buildings

Records within 250m	19

Buildings listed for their special architectural or historical interest. Building control in the form of 'listed building consent' is required in order to make any changes to that building which might affect its special interest. Listed buildings are graded to indicate their relative importance, however building controls apply to all buildings equally, irrespective of their grade, and apply to the interior and exterior of the building in its entirety, together with any curtilage structures.

Features are displayed on the Visual and cultural designations map on **page 93 >**

ID	Location	Name	Grade	Reference Number	Listed date
A	16m W	Old Hall Farmhouse	II	1064263	07/12/1962
A	25m W	Barn Approximately 10 Metres To South West Of Old Hall Farmhouse	II	1075160	16/01/1989
A	31m W	Barn Approximately 10 Metres To South Of Old Hall Farmhouse	II	1359387	16/01/1989
A	52m W	Barn Approximately 30 Metres To South East Of Old Hall Farmhouse	II	1076677	16/01/1989

ID	Location	Name	Grade	Reference Number	Listed date
2	91m W	White House Farm House	II	1068886	07/12/1962
3	138m SW	20, Clements Gate	II	1064261	16/01/1989
B	141m W	Number 4 With Steps And Railings	II	1359386	16/01/1989
B	159m SW	Stables At Number 4	II	1343627	16/01/1989
4	179m SW	13, Clements Gate	II	1064260	22/03/1974
C	191m SW	Diseworth War Memorial	II	1453170	27/04/2018
5	201m SW	1 And 3, Clements Gate	II	1068769	27/04/1987
C	202m SW	Number 2 (Cross Farmhouse) With Walls, Railings And Gate To Front	II	1068841	16/01/1989
6	210m W	31, Hall Gate	II	1064265	27/08/1986
D	212m SW	Lilly's Cottage	II	1064266	07/12/1962
7	212m SW	50, Hall Gate	II	1359388	07/12/1962
8	222m SW	Church Of St Michael	II*	1068865	07/12/1962
D	223m SW	K6 Telephone Kiosk	II	1389683	18/10/2000
9	229m W	25, Hall Gate	II	1076681	27/08/1986
D	230m SW	Barn 25 Metres South South East Of Number 2 (Cross Farmhouse)	II	1359385	16/01/1989

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.5 Conservation Areas

Records within 250m	**1**

Local planning authorities are obliged to designate as conservation areas any parts of their own area that are of special architectural or historic interest, the character and appearance of which it is desirable to preserve or enhance. Designation of a conservation area gives broader protection than the listing of individual buildings. All the features within the area, listed or otherwise, are recognised as part of its character. Conservation area designation is the means of recognising the importance of all factors and of ensuring that planning decisions address the quality of the landscape in its broadest sense.

Features are displayed on the Visual and cultural designations map on **page 93 >**

ID	Location	Name	District	Date of designation
1	**On site**	**Diseworth**	**North West Leicestershire**	**13/02/1974**

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

11.6 Scheduled Ancient Monuments

Records within 250m	0

A scheduled monument is an historic building or site that is included in the Schedule of Monuments kept by the Secretary of State for Digital, Culture, Media and Sport. The regime is set out in the Ancient Monuments and Archaeological Areas Act 1979. The Schedule of Monuments has c.20,000 entries and includes sites such as Roman remains, burial mounds, castles, bridges, earthworks, the remains of deserted villages and industrial sites. Monuments are not graded, but all are, by definition, considered to be of national importance.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

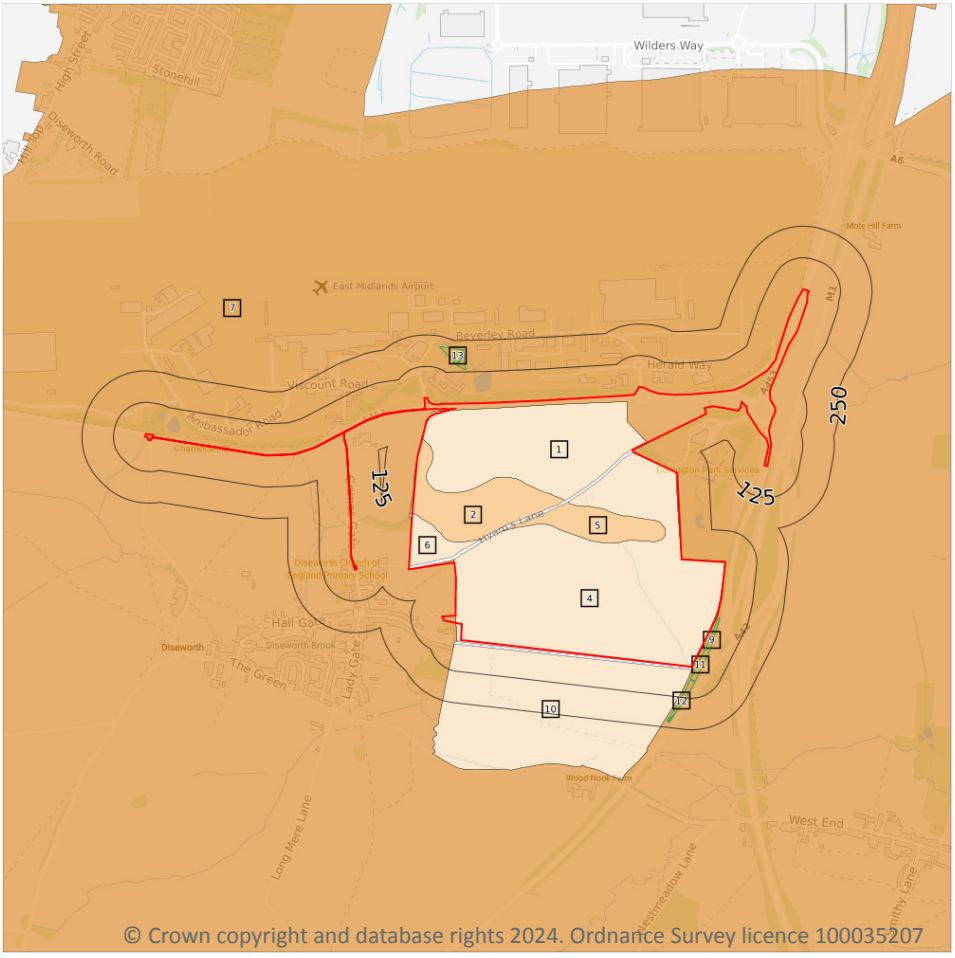
11.7 Registered Parks and Gardens

Records within 250m	0

Parks and gardens assessed to be of particular interest and of special historic interest. The emphasis being on 'designed' landscapes, rather than on planting or botanical importance. Registration is a 'material consideration' in the planning process, meaning that planning authorities must consider the impact of any proposed development on the special character of the landscape.

This data is sourced from Historic England, Cadw and Historic Environment Scotland.

12 Agricultural designations



Site Outline

Search buffers in metres (m)

- Grade 1 - excellent quality
- Grade 2 - very good quality
- Grade 3 - good to moderate quality
- Grade 3a - good quality
- Grade 3b - moderate quality
- Grade 4 - poor quality
- Grade 5 - very poor quality
- Non-agricultural land
- Urban land
- Exclusion land
- Tree felling licences
- Open Access land

12.1 Agricultural Land Classification

Records within 250m	7

Classification of the quality of agricultural land taking into consideration multiple factors including climate, physical geography and soil properties. It should be noted that the categories for the grading of agricultural land are not consistent across England, Wales and Scotland.

Features are displayed on the Agricultural designations map on **page 97 >**

ID	Location	Classification	Description
1	On site	Grade 3b	**Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.**

ID	Location	Classification	Description
2	**On site**	**Grade 3a**	**Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.**
4	**On site**	**Grade 3b**	**Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.**
5	**On site**	**Grade 3a**	**Good quality agricultural land. Land capable of consistently producing moderate to high yields of a narrow range of arable crops, especially cereals, or moderate yields of a wide range of crops including cereals, grass, oilseed rape, potatoes, sugar beet and the less demanding horticultural crops.**
6	**On site**	**Grade 3b**	**Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.**
7	**On site**	**Grade 3**	**Good to moderate quality agricultural land. Land with moderate limitations which affect the choice of crops, timing and type of cultivation, harvesting or the level of yield. Where more demanding crops are grown yields are generally lower or more variable than on land in Grades 1 and 2.**
10	12m SE	Grade 3b	Moderate quality agricultural land. Land capable of producing moderate yields of a narrow range of crops, principally cereals and grass or lower yields of a wider range of crops or high yields of grass which can be grazed or harvested over most of the year.

This data is sourced from Natural England.

12.2 Open Access Land

Records within 250m	**0**

The Countryside and Rights of Way Act 2000 (CROW Act) gives a public right of access to land without having to use paths. Access land includes mountains, moors, heaths and downs that are privately owned. It also includes common land registered with the local council and some land around the England Coast Path. Generally permitted activities on access land are walking, running, watching wildlife and climbing.

This data is sourced from Natural England and Natural Resources Wales.

12.3 Tree Felling Licences

Records within 250m	**4**

Felling Licence Application (FLA) areas approved by Forestry Commission England. Anyone wishing to fell trees must ensure that a licence or permission under a grant scheme has been issued by the Forestry Commission before any felling is carried out or that one of the exceptions apply.

Features are displayed on the Agricultural designations map on **page 97 >**

ID	Location	Description	Reference	Application date
9	7m SE	Selective Fell/Thin (Unconditional)	018/366/15-16	-
11	16m SE	Selective Fell/Thin (Unconditional)	018/366/15-16	-
12	53m SE	Selective Fell/Thin (Unconditional)	018/366/15-16	-
13	135m NW	Clear Fell (Conditional)	017/401/14-15	19/02/2015

This data is sourced from the Forestry Commission.

12.4 Environmental Stewardship Schemes

Records within 250m	**1**

Environmental Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. The schemes identified may be historical schemes that have now expired, or may still be active.

Location	Reference	Scheme	Start Date	End date
227m E	AG00591636	Entry Level plus Higher Level Stewardship	01/10/2014	30/09/2024

This data is sourced from Natural England.

12.5 Countryside Stewardship Schemes

Records within 250m	**1**

Countryside Stewardship covers a range of schemes that provide financial incentives to farmers, foresters and land managers to look after and improve the environment. Main objectives are to improve the farmed environment for wildlife and to reduce diffuse water pollution.

Location	Reference	Scheme	Start Date	End Date
On site	**1052833**	**Countryside Stewardship (Middle Tier)**	**01/01/2021**	**31/12/2025**

This data is sourced from Natural England.

13 Habitat designations

Site Outline

Search buffers in metres (m)

Priority Habitat Inventory
Open Mosaic Habitat
Limestone Pavement Orders

Habitat Networks

Primary Habitat
Restorable Habitat
Associated Habitats
Habitat Restoration-Creation
Network Enhancement Zone 1
Network Enhancement Zone 2

13.1 Priority Habitat Inventory

Records within 250m	18

Habitats of principal importance as named under Natural Environment and Rural Communities Act (2006) Section 41.

Features are displayed on the Habitat designations map on **page 100 >**

ID	Location	Main Habitat	Other habitats
1	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
2	**On site**	**Deciduous woodland**	**Main habitat: DWOOD (INV > 50%)**
3	2m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
4	4m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

ID	Location	Main Habitat	Other habitats
A	5m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
5	7m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
6	8m N	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
7	9m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
A	13m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
8	34m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
B	65m SW	Traditional orchard	Main habitat: TORCH (INV > 50%)
9	82m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
B	82m SW	Traditional orchard	Overruled by Traditional Orchards HAP Inventory dataset
10	121m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
11	135m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
12	154m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
13	213m NW	Deciduous woodland	Main habitat: DWOOD (INV > 50%)
14	247m W	Deciduous woodland	Main habitat: DWOOD (INV > 50%)

This data is sourced from Natural England.

13.2 Habitat Networks

Records within 250m	**0**

Habitat networks for 18 priority habitat networks (based primarily, but not exclusively, on the priority habitat inventory) and areas suitable for the expansion of networks through restoration and habitat creation.

This data is sourced from Natural England.

13.3 Open Mosaic Habitat

Records within 250m	**0**

Sites verified as Open Mosaic Habitat. Mosaic habitats are brownfield sites that are identified under the UK Biodiversity Action Plan as a priority habitat due to the habitat variation within a single site, supporting an array of invertebrates.

This data is sourced from Natural England.

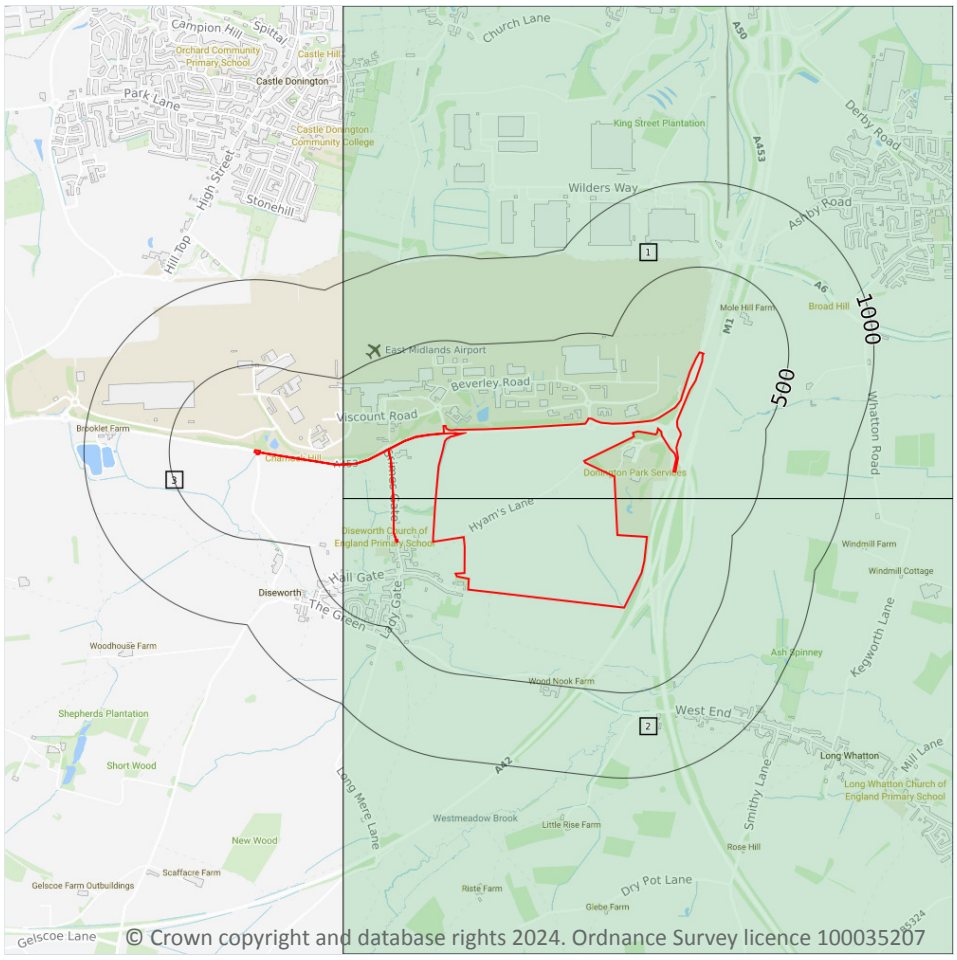
13.4 Limestone Pavement Orders

Records within 250m	0

Limestone pavements are outcrops of limestone where the surface has been worn away by natural means over millennia. These rocks have the appearance of paving blocks, hence their name. Not only do they have geological interest, they also provide valuable habitats for wildlife. These habitats are threatened due to their removal for use in gardens and water features. Many limestone pavements have been designated as SSSIs which affords them some protection. In addition, Section 34 of the Wildlife and Countryside Act 1981 gave them additional protection via the creation of Limestone Pavement Orders, which made it a criminal offence to remove any part of the outcrop. The associated Limestone Pavement Priority Habitat is part of the UK Biodiversity Action Plan priority habitat in England.

This data is sourced from Natural England.

14 Geology 1:10,000 scale - Availability



14.1 10k Availability

Records within 500m	3

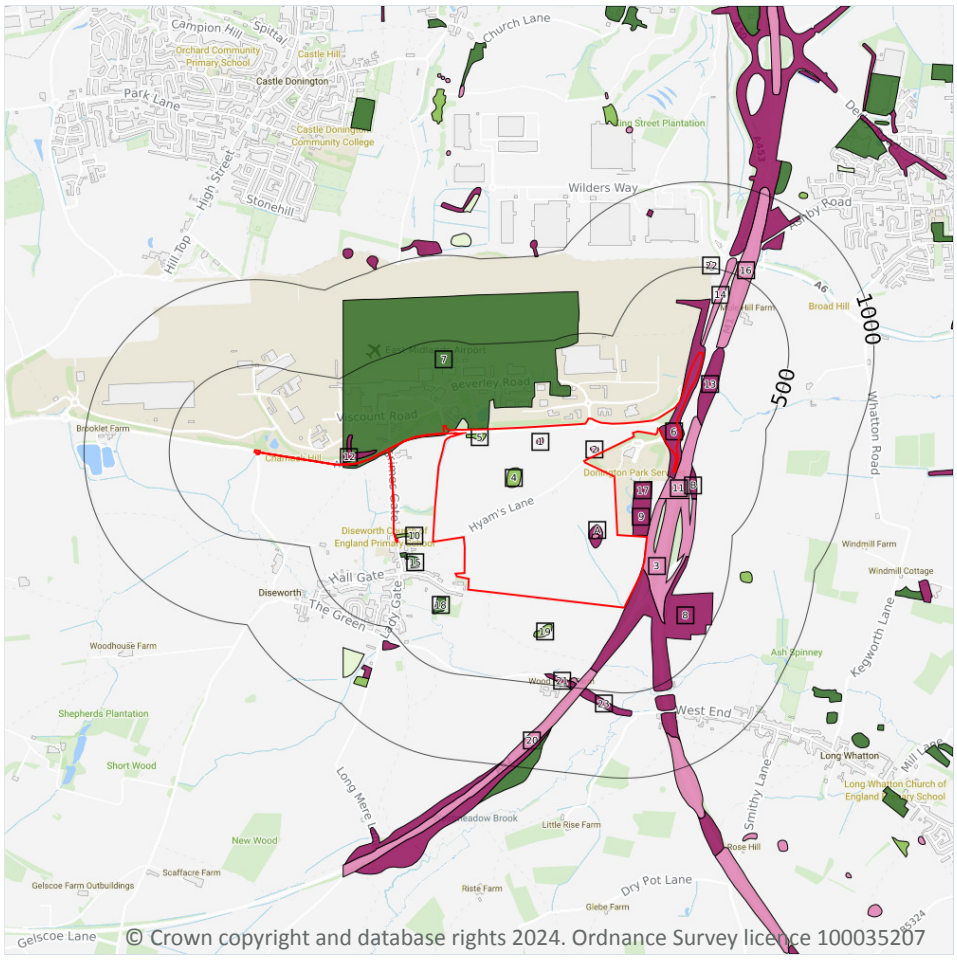
An indication on the coverage of 1:10,000 scale geology data for the site, the most detailed dataset provided by the British Geological Survey. Either 'Full', 'Partial' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:10,000 scale - Availability map on **page 103 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	On site	Full	Full	Full	Full	SK42NE
2	On site	Full	Full	Full	No coverage	SK42SE
3	On site	No coverage	No coverage	No coverage	No coverage	NoCov

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Artificial and made ground



14.2 Artificial and made ground (10k)

Records within 500m	27

Details of made, worked, infilled, disturbed and landscaped ground at 1:10,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

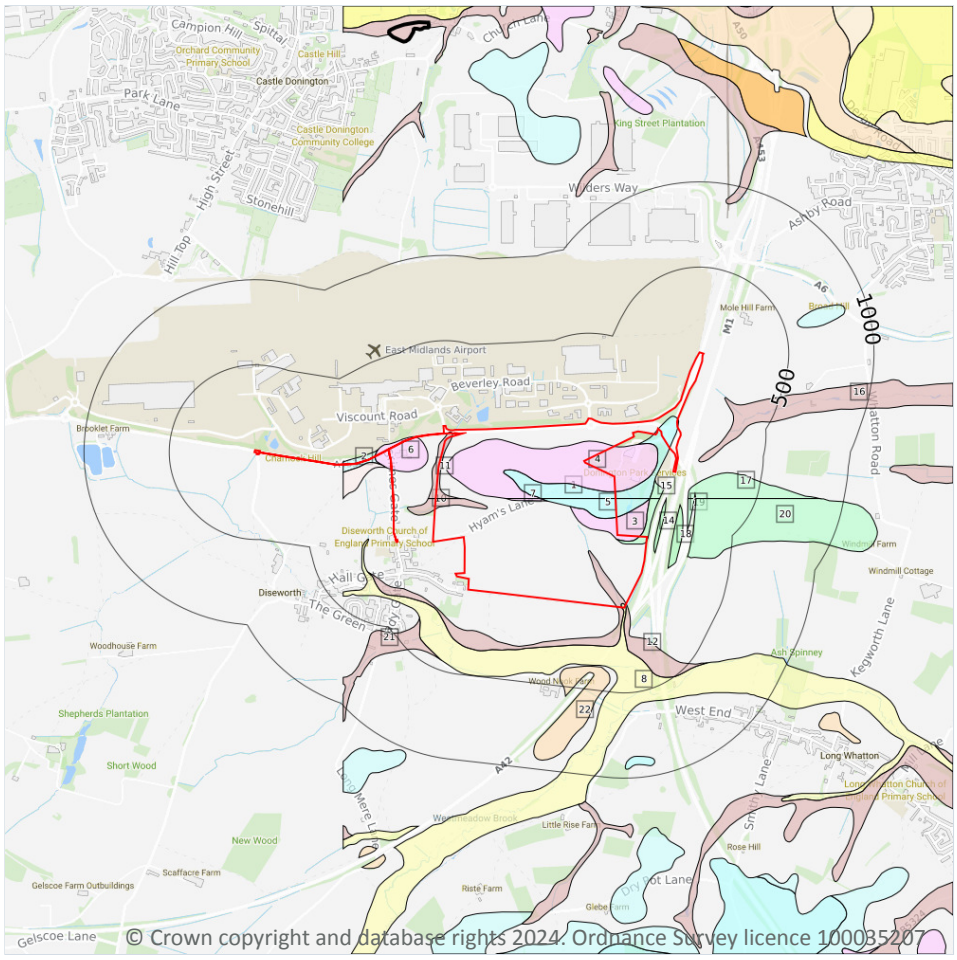
Features are displayed on the Geology 1:10,000 scale - Artificial and made ground map on **page 104 >**

ID	Location	LEX Code	Description	Rock description
1	On site	WGR-VOID	Worked Ground (Undivided)	Void
2	On site	WGR-VOID	Worked Ground (Undivided)	Void
3	On site	WGR-VOID	Worked Ground (Undivided)	Void
4	On site	DDGR-UKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry

ID	Location	LEX Code	Description	Rock description
5	**On site**	**DDGR-UKNOWN**	**Disturbed Ground (Undivided)**	**Unknown/unclassified Entry**
6	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
7	**On site**	**LSGR-UKNOWN**	**Landscaped Ground (Undivided)**	**Unknown/unclassified Entry**
8	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
A	**On site**	**MGR-ARTDP**	**Made Ground (Undivided)**	**Artificial Deposit**
A	**On site**	**WGR-VOID**	**Worked Ground (Undivided)**	**Void**
9	3m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
10	3m W	DDGR-UKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
11	6m E	WGR-VOID	Worked Ground (Undivided)	Void
12	13m W	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
13	40m NE	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
14	40m NE	WGR-VOID	Worked Ground (Undivided)	Void
15	69m W	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
16	84m NE	WGR-VOID	Worked Ground (Undivided)	Void
B	90m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
17	104m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
18	141m SW	LSGR-UKNOWN	Landscaped Ground (Undivided)	Unknown/unclassified Entry
19	147m S	DDGR-UKNOWN	Disturbed Ground (Undivided)	Unknown/unclassified Entry
B	184m E	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
20	378m S	WGR-VOID	Worked Ground (Undivided)	Void
21	435m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit
22	489m NE	WGR-VOID	Worked Ground (Undivided)	Void
23	494m S	MGR-ARTDP	Made Ground (Undivided)	Artificial Deposit

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (10k)

Superficial geology (10k)
Please see table for more details.

14.3 Superficial geology (10k)

Records within 500m	22

Superficial geological deposits at 1:10,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:10,000 scale - Superficial map on **page 106 >**

ID	Location	LEX Code	Description	Rock description
1	On site	ODT-DMTN	Oadby Member - Diamicton	Diamicton
2	On site	THT-DMTN	Thrussington Member - Diamicton	Diamicton
3	On site	GFDUA-XSV	Glaciofluvial Deposits, Anglian - Sand And Gravel	Sand And Gravel
4	On site	GFDUA-XSV	Glaciofluvial Deposits, Anglian - Sand And Gravel	Sand And Gravel

ID	Location	LEX Code	Description	Rock description
5	**On site**	**ODT-DMTN**	**Oadby Member - Diamicton**	**Diamicton**
6	**On site**	**GFDUA-XSV**	**Glaciofluvial Deposits, Anglian - Sand And Gravel**	**Sand And Gravel**
7	**On site**	**GFDUA-XSV**	**Glaciofluvial Deposits, Anglian - Sand And Gravel**	**Sand And Gravel**
8	**On site**	**ALV-XCZSV**	**Alluvium - Clay, Silt, Sand And Gravel**	**Clay, Silt, Sand And Gravel**
9	**On site**	**ODTT-DMTN**	**Oadby Member (trias-rich) - Diamicton**	**Diamicton**
10	**On site**	**HEAD-DMTN**	**Head - Diamicton**	**Diamicton**
11	**On site**	**HEAD-DMTN**	**Head - Diamicton**	**Diamicton**
12	**On site**	**HEAD-DMTN**	**Head - Diamicton**	**Diamicton**
13	15m W	GLLD-XCZS	Glaciolacustrine Deposits - Clay, Silt And Sand	Clay, Silt And Sand
14	47m E	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
15	115m E	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
16	122m E	HEAD-DMTN	Head - Diamicton	Diamicton
17	130m E	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
18	144m SE	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
19	172m E	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
20	197m E	ODTT-DMTN	Oadby Member (trias-rich) - Diamicton	Diamicton
21	327m SW	HEAD-DMTN	Head - Diamicton	Diamicton
22	361m S	WASG-XSV	Wanlip Member - Sand And Gravel	Sand And Gravel

This data is sourced from the British Geological Survey.

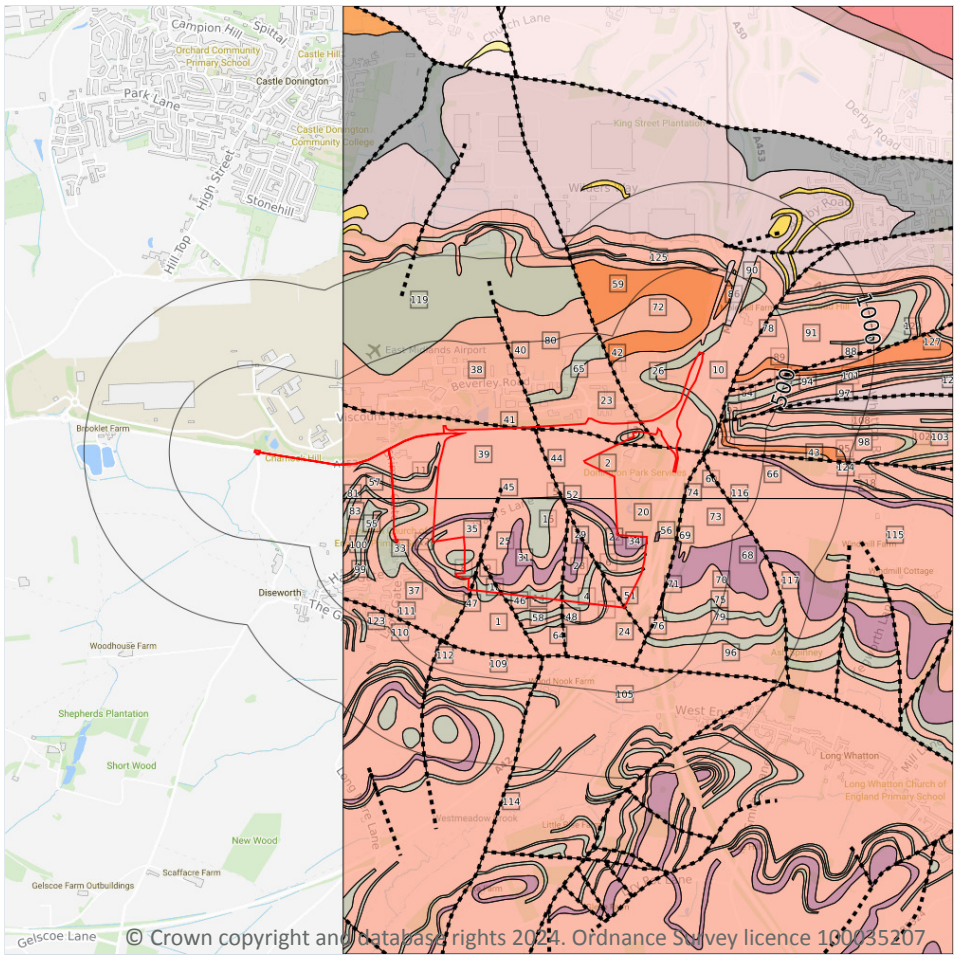
14.4 Landslip (10k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:10,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

Geology 1:10,000 scale - Bedrock



Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (10k)

Bedrock geology (10k)
Please see table for more details.

14.5 Bedrock geology (10k)

Records within 500m	99

Bedrock geology at 1:10,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 108 >**

ID	Location	LEX Code	Description	Rock age
1	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
2	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
3	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
4	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age

ID	Location	LEX Code	Description	Rock age
5	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
6	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
7	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
8	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
9	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
10	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
11	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
12	On site	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
13	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
14	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
15	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
16	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
17	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
18	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
19	On site	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
20	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
21	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
22	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
23	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
24	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
25	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
26	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
27	On site	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
28	On site	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
29	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
30	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
31	On site	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
32	On site	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age

ID	Location	LEX Code	Description	Rock age
33	**On site**	**GUN-DSLST**	**Gunthorpe Member - Dolomitic Siltstone**	**Ladinian Age - Anisian Age**
34	**On site**	**DIS-SDST**	**Diseworth Sandstone - Sandstone**	**Ladinian Age**
35	**On site**	**GUN-MDST**	**Gunthorpe Member - Mudstone**	**Ladinian Age - Anisian Age**
36	**On site**	**GUN-MDST**	**Gunthorpe Member - Mudstone**	**Ladinian Age - Anisian Age**
37	**On site**	**GUN-MDST**	**Gunthorpe Member - Mudstone**	**Ladinian Age - Anisian Age**
38	**On site**	**GUN-MDST**	**Gunthorpe Member - Mudstone**	**Ladinian Age - Anisian Age**
39	**On site**	**GUN-MDST**	**Gunthorpe Member - Mudstone**	**Ladinian Age - Anisian Age**
54	34m S	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
55	36m W	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
56	47m E	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
57	63m W	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
58	77m S	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
59	79m NE	GUN-SDST	Gunthorpe Member - Sandstone	Ladinian Age - Anisian Age
60	94m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
62	100m W	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
63	103m S	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
64	133m S	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
65	135m N	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
66	146m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
68	156m SE	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
70	157m SE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
72	160m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
73	164m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
75	173m SE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
77	176m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
79	180m SE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
80	187m N	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
81	199m W	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age

ID	Location	LEX Code	Description	Rock age
82	200m W	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
83	201m W	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
84	206m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
85	211m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
86	211m NE	GUN-SDST	Gunthorpe Member - Sandstone	Ladinian Age - Anisian Age
87	211m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
89	212m NE	GUN-SDST	Gunthorpe Member - Sandstone	Ladinian Age - Anisian Age
90	213m NE	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
91	213m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
92	215m SE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
93	224m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
94	233m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
95	233m NE	GUN-SDST	Gunthorpe Member - Sandstone	Ladinian Age - Anisian Age
96	233m SE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
98	252m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
99	256m W	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
100	273m W	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
101	283m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
102	283m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
103	298m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
104	308m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
105	321m S	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
107	323m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
108	325m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
109	335m SW	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
110	335m SW	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
113	337m NE	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
115	343m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age

ID	Location	LEX Code	Description	Rock age
118	371m E	DIS-SDST	Diseworth Sandstone - Sandstone	Ladinian Age
119	394m NW	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
120	413m NE	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
121	440m NE	TPSF-MDSS	Tarporley Siltstone Formation - Mudstone, Siltstone And Sandstone	Anisian Age - Olenekian Age
122	453m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
123	464m SW	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
124	469m E	GUN-MDST	Gunthorpe Member - Mudstone	Ladinian Age - Anisian Age
125	478m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
126	480m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age
127	482m NE	GUN-SDST	Gunthorpe Member - Sandstone	Ladinian Age - Anisian Age
128	499m NE	GUN-DSLST	Gunthorpe Member - Dolomitic Siltstone	Ladinian Age - Anisian Age

This data is sourced from the British Geological Survey.

14.6 Bedrock faults and other linear features (10k)

Records within 500m **29**

Linear features at the ground or bedrock surface at 1:10,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

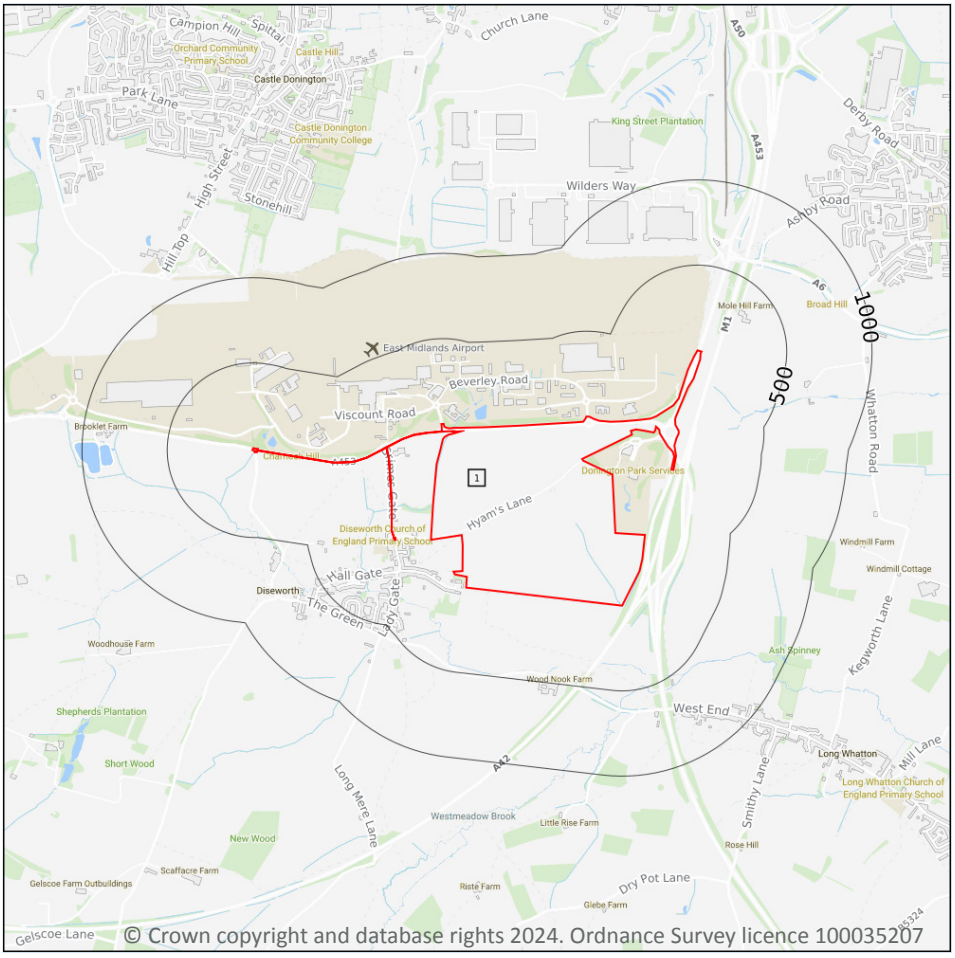
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 108 >**

ID	Location	Category	Description
40	**On site**	**FAULT**	**Normal fault, inferred**
41	**On site**	**FAULT**	**Normal fault, inferred**
42	**On site**	**FAULT**	**Normal fault, inferred**
43	**On site**	**FAULT**	**Normal fault, inferred**
44	**On site**	**FAULT**	**Normal fault, inferred**
45	**On site**	**FAULT**	**Normal fault, inferred**
46	**On site**	**FAULT**	**Normal fault, inferred**
47	**On site**	**FAULT**	**Normal fault, inferred**

ID	Location	Category	Description
48	**On site**	**FAULT**	**Normal fault, inferred**
49	**On site**	**FAULT**	**Normal fault, inferred**
50	**On site**	**FAULT**	**Normal fault, inferred**
51	**On site**	**FAULT**	**Normal fault, inferred**
52	**On site**	**FAULT**	**Normal fault, inferred**
53	**On site**	**FAULT**	**Normal fault, inferred**
61	94m E	FAULT	Normal fault, inferred
67	146m E	FAULT	Normal fault, inferred
69	156m SE	FAULT	Normal fault, inferred
71	157m SE	FAULT	Normal fault, inferred
74	164m E	FAULT	Normal fault, inferred
76	173m SE	FAULT	Normal fault, inferred
78	176m E	FAULT	Normal fault, inferred
88	211m NE	FAULT	Normal fault, inferred
97	236m NE	FAULT	Normal fault, inferred
106	321m S	FAULT	Normal fault, inferred
111	335m SW	FAULT	Normal fault, inferred
112	335m SW	FAULT	Normal fault, inferred
114	339m S	FAULT	Normal fault, inferred
116	343m E	FAULT	Normal fault, inferred
117	351m E	FAULT	Normal fault, inferred

This data is sourced from the British Geological Survey.

15 Geology 1:50,000 scale - Availability



15.1 50k Availability

Records within 500m	1

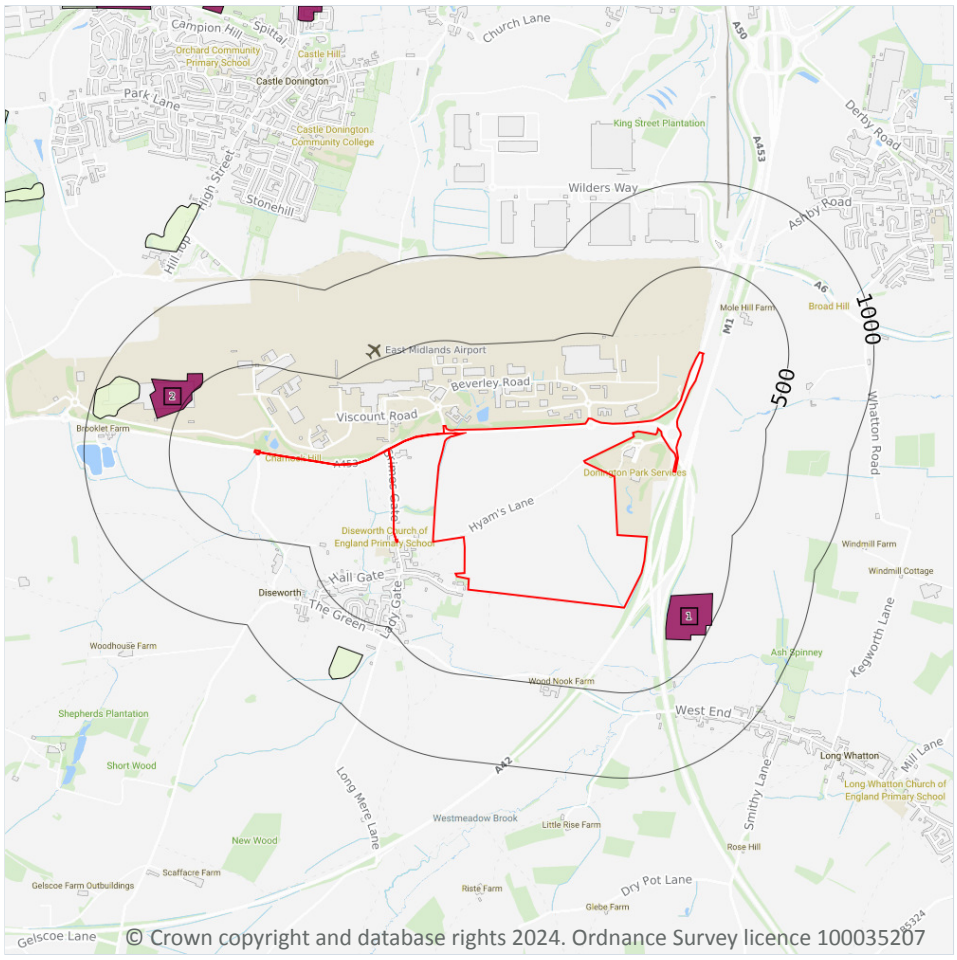
An indication on the coverage of 1:50,000 scale geology data for the site. Either 'Full' or 'No coverage' for each geological theme.

Features are displayed on the Geology 1:50,000 scale - Availability map on **page 114 >**

ID	Location	Artificial	Superficial	Bedrock	Mass movement	Sheet No.
1	**On site**	**Full**	**Full**	**Full**	**Full**	**EW141_loughborough_v4**

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Artificial and made ground



15.2 Artificial and made ground (50k)

Records within 500m	2

Details of made, worked, infilled, disturbed and landscaped ground at 1:50,000 scale. Artificial ground can be associated with potentially contaminated material, unpredictable engineering conditions and instability.

Features are displayed on the Geology 1:50,000 scale - Artificial and made ground map on **page 115 >**

ID	Location	LEX Code	Description	Rock description
1	214m SE	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT
2	473m W	MGR-ARTDP	MADE GROUND (UNDIVIDED)	ARTIFICIAL DEPOSIT

This data is sourced from the British Geological Survey.

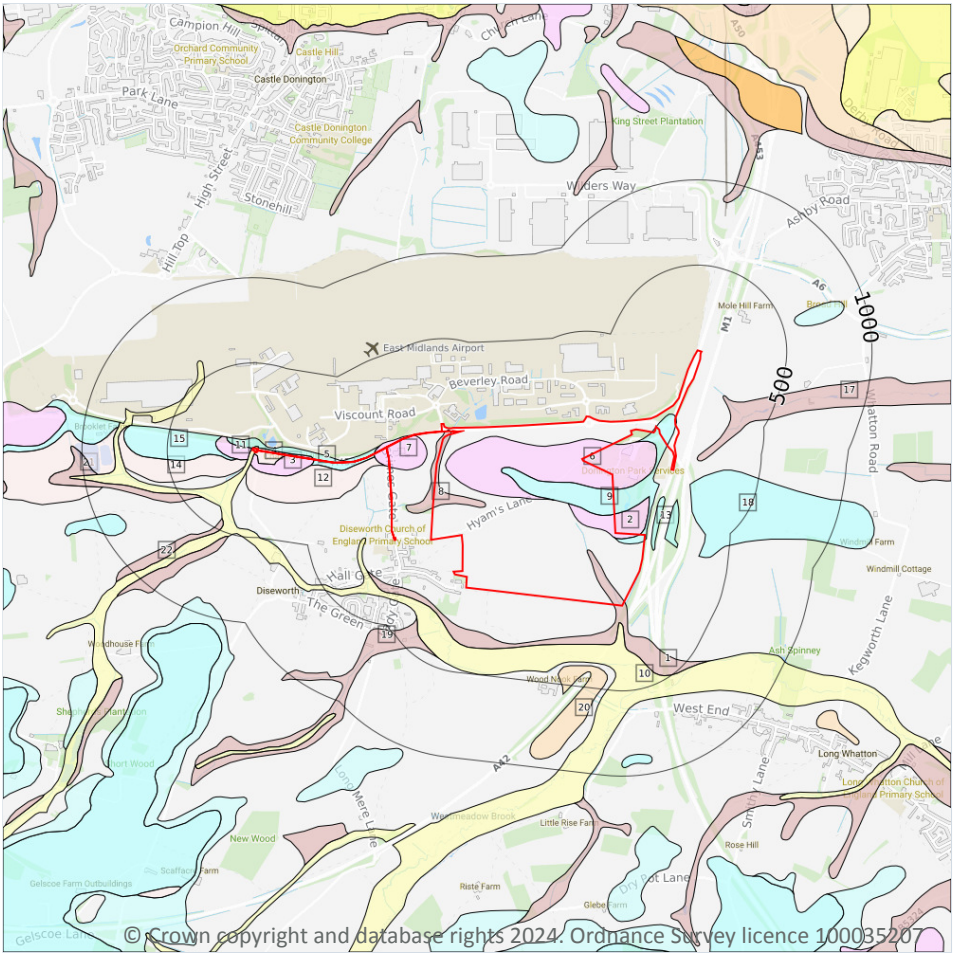
15.3 Artificial ground permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any artificial deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Superficial



Site Outline

Search buffers in metres (m)

Landslip (50k)

Superficial geology (50k)
Please see table for more details.

15.4 Superficial geology (50k)

Records within 500m	22

Superficial geological deposits at 1:50,000 scale. Also known as 'drift', these are the youngest geological deposits, formed during the Quaternary. They rest on older deposits or rocks referred to as bedrock.

Features are displayed on the Geology 1:50,000 scale - Superficial map on **page 117 >**

ID	Location	LEX Code	Description	Rock description
1	On site	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
2	On site	GFDMP-XSV	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	SAND AND GRAVEL
3	On site	GFDMP-XSV	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	SAND AND GRAVEL

ID	Location	LEX Code	Description	Rock description
4	**On site**	**GLLMP-XCZS**	**GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE**	**CLAY, SILT AND SAND**
5	**On site**	**ODT-DMTN**	**OADBY MEMBER**	**DIAMICTON**
6	**On site**	**GFDMP-XSV**	**GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE**	**SAND AND GRAVEL**
7	**On site**	**GFDMP-XSV**	**GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE**	**SAND AND GRAVEL**
8	**On site**	**HEAD-XCZSV**	**HEAD**	**CLAY, SILT, SAND AND GRAVEL**
9	**On site**	**ODT-DMTN**	**OADBY MEMBER**	**DIAMICTON**
10	**On site**	**ALV-XCZSV**	**ALLUVIUM**	**CLAY, SILT, SAND AND GRAVEL**
11	8m W	GFDMP-XSV	GLACIOFLUVIAL DEPOSITS, MID PLEISTOCENE	SAND AND GRAVEL
12	14m W	GLLMP-XCZS	GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE	CLAY, SILT AND SAND
13	41m E	ODT-DMTN	OADBY MEMBER	DIAMICTON
14	60m W	GLLMP-XCZS	GLACIOLACUSTRINE DEPOSITS, MID PLEISTOCENE	CLAY, SILT AND SAND
15	108m W	ODT-DMTN	OADBY MEMBER	DIAMICTON
16	118m E	ODT-DMTN	OADBY MEMBER	DIAMICTON
17	125m E	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
18	129m E	ODT-DMTN	OADBY MEMBER	DIAMICTON
19	335m SW	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
20	371m S	WASG-XSV	WANLIP MEMBER	SAND AND GRAVEL
21	403m W	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL
22	433m W	HEAD-XCZSV	HEAD	CLAY, SILT, SAND AND GRAVEL

This data is sourced from the British Geological Survey.

15.5 Superficial permeability (50k)

Records within 50m	**18**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any superficial deposits (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Intergranular**	**High**	**Very Low**
On site	**Intergranular**	**Very High**	**High**
On site	**Intergranular**	**Very High**	**High**
On site	**Intergranular**	**Very High**	**High**
On site	**Intergranular**	**Very High**	**High**
On site	**Intergranular**	**Very High**	**High**
On site	**Mixed**	**Moderate**	**Low**
On site	**Mixed**	**Moderate**	**Low**
On site	**Mixed**	**Moderate**	**Low**
On site	**Mixed**	**Moderate**	**Low**
On site	**Mixed**	**High**	**Very Low**
On site	**Mixed**	**High**	**Very Low**
On site	**Mixed**	**High**	**Very Low**
On site	**Mixed**	**Moderate**	**Very Low**
8m W	Intergranular	Very High	High
14m W	Mixed	Moderate	Very Low
27m W	Mixed	Moderate	Very Low
41m E	Mixed	Moderate	Low

This data is sourced from the British Geological Survey.

15.6 Landslip (50k)

Records within 500m	**0**

Mass movement deposits on BGS geological maps at 1:50,000 scale. Primarily superficial deposits that have moved down slope under gravity to form landslips. These affect bedrock, other superficial deposits and artificial ground.

This data is sourced from the British Geological Survey.

15.7 Landslip permeability (50k)

Records within 50m	0

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of any landslip deposits (the zone between the land surface and the water table).

This data is sourced from the British Geological Survey.

Geology 1:50,000 scale - Bedrock

Site Outline

Search buffers in metres (m)

Bedrock faults and other linear features (50k)

Bedrock geology (50k)
Please see table for more details.

15.8 Bedrock geology (50k)

Records within 500m	79

Bedrock geology at 1:50,000 scale. The main mass of rocks forming the Earth and present everywhere, whether exposed at the surface in outcrops or concealed beneath superficial deposits or water.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 121 >**

ID	Location	LEX Code	Description	Rock age
1	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
2	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
3	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
4	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN

ID	Location	LEX Code	Description	Rock age
5	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
6	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
7	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
8	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
9	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
10	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
11	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
12	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
13	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
14	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
15	On site	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
16	On site	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
17	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
18	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
19	On site	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
20	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
21	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
22	On site	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
23	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
24	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
25	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
26	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
27	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
28	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
29	On site	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
30	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
31	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
32	On site	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN

ID	Location	LEX Code	Description	Rock age
40	32m S	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
41	40m W	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
42	77m S	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
43	79m NE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
44	94m E	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
46	126m N	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
47	134m SE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
48	140m W	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
49	141m E	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
51	148m SE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
52	159m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
53	176m SE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
54	180m E	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
56	181m W	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
57	187m SE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
58	187m N	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
59	213m NE	TPSF-SIMS	TARPORLEY SILTSTONE FORMATION - SILTSTONE, MUDSTONE AND SANDSTONE	OLENEKIAN
60	213m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
61	213m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
63	214m SE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
64	215m NE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
65	215m NE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
66	216m W	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
67	216m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
68	224m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
69	232m NE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
70	237m SE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
72	254m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN

ID	Location	LEX Code	Description	Rock age
73	284m NE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
74	315m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
75	328m S	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
77	337m NE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
78	338m SW	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
81	350m E	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
82	360m NE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
83	362m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
84	399m NW	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
85	407m NW	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
87	431m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN
88	446m NE	TPSF-SIMS	TARPORLEY SILTSTONE FORMATION - SILTSTONE, MUDSTONE AND SANDSTONE	OLENEKIAN
89	448m NE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
90	453m W	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
91	466m SW	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
92	468m NE	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
93	486m NE	DIS-SDST	DISEWORTH SANDSTONE - SANDSTONE	LADINIAN
94	497m S	GUN-DSLST	GUNTHORPE MEMBER - SILTSTONE, DOLOMITIC	ANISIAN
95	500m NE	GUN-MDST	GUNTHORPE MEMBER - MUDSTONE	ANISIAN

This data is sourced from the British Geological Survey.

15.9 Bedrock permeability (50k)

Records within 50m	**21**

A qualitative classification of estimated rates of vertical movement of water from the ground surface through the unsaturated zone of bedrock (the zone between the land surface and the water table).

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**

Location	Flow type	Maximum permeability	Minimum permeability
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Moderate**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**Low**	**Low**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
On site	**Fracture**	**High**	**Moderate**
32m S	Fracture	Moderate	Low
40m W	Fracture	Moderate	Low

This data is sourced from the British Geological Survey.

15.10 Bedrock faults and other linear features (50k)

Records within 500m	**16**

Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

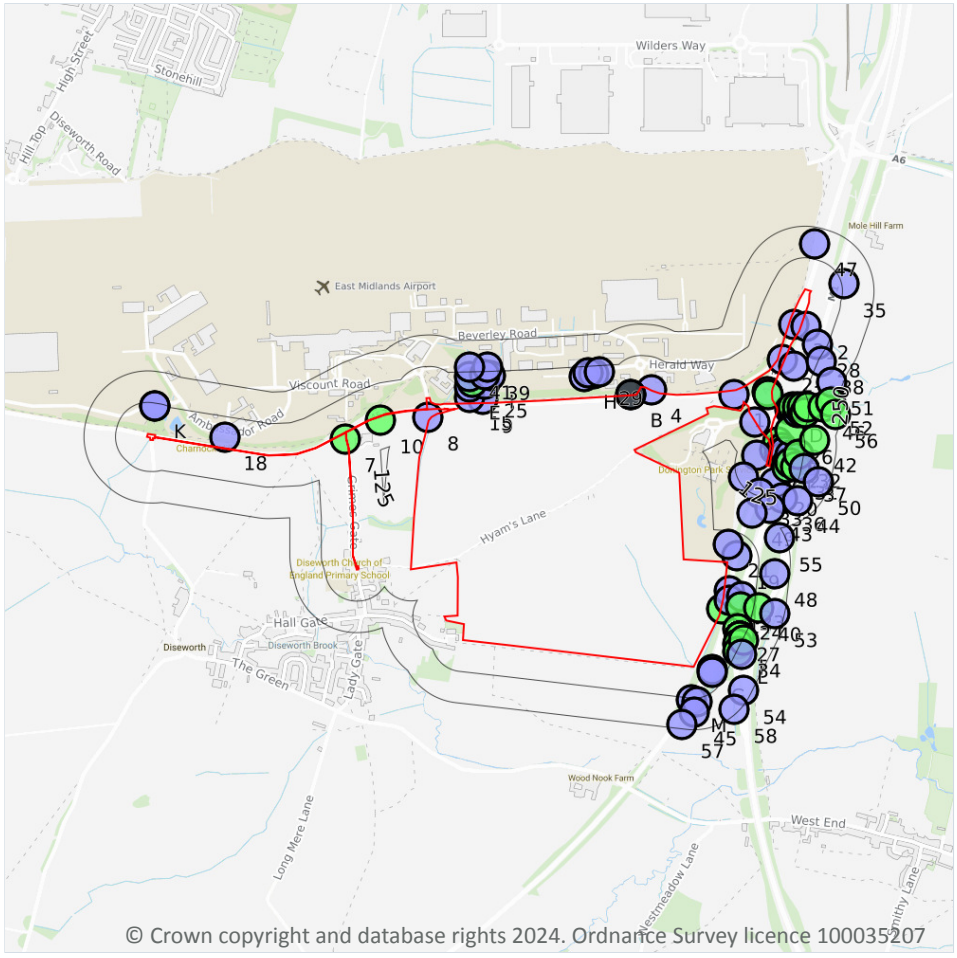
Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 121 >**

ID	Location	Category	Description
33	**On site**	**FAULT**	**Fault, inferred**

ID	Location	Category	Description
34	**On site**	**FAULT**	**Fault, inferred**
35	**On site**	**FAULT**	**Fault, inferred**
36	**On site**	**FAULT**	**Fault, inferred**
37	**On site**	**FAULT**	**Fault, inferred**
38	**On site**	**FAULT**	**Fault, inferred**
39	**On site**	**FAULT**	**Fault, inferred**
45	94m E	FAULT	Fault, inferred
50	141m E	FAULT	Fault, inferred
55	180m E	FAULT	Fault, inferred
62	213m NE	FAULT	Fault, inferred
71	240m NE	FAULT	Fault, inferred
76	328m S	FAULT	Fault, inferred
79	338m SW	FAULT	Fault, inferred
80	345m S	FAULT	Fault, inferred
86	407m NW	FAULT	Fault, inferred

This data is sourced from the British Geological Survey.

16 Boreholes



Site Outline

Search buffers in metres (m)

- Confidential
- 0 - 10m
- 10 - 30m
- 30m+
- Unknown

16.1 BGS Boreholes

Records within 250m	120

The Single Onshore Boreholes Index (SOBI); an index of over one million records of boreholes, shafts and wells from all forms of drilling and site investigation work held by the British Geological Survey. Covering onshore and nearshore boreholes dating back to at least 1790 and ranging from one to several thousand metres deep.

Features are displayed on the Boreholes map on **page 127 >**

ID	Location	Grid reference	Name	Length	Confidential	Web link
1	On site	446810 325440	A42 CASTLE DONINGTON BH276	5.0	N	218232 ↗
2	On site	447000 325580	A42 CASTLE DONINGTON BH278	5.0	N	218243 ↗
3	On site	447044 325719	A42 CASTLE DONNINGTON TP 825	2.0	N	218294 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
A	**On site**	**446940 325450**	**A42 CASTLE DONINGTON BH277**	**5.0**	**N**	**218233**
A	**On site**	**446944 325439**	**M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 RC1075**	**17.2**	**N**	**18913770**
4	2m NE	446480 325458	A564 STOKE-DERBY LINK BH13	5.0	N	218300
B	3m NE	446400 325440	CARGO APRON EXTENSION PHASE II &PASSENGER TERMINAL EAST MIDLAND AIRPORT B	-	Y	N/A
B	3m NE	446400 325440	CARGO APRON EXTENSION PHASE II &PASSENGER TERMINAL EAST MIDLAND AIRPORT A	-	Y	N/A
5	3m SE	446759 324588	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 RC1064	15.0	N	18913744
6	3m NE	446890 325330	A42 CASTLE DONINGTON BH275	5.0	N	218221
7	4m W	445266 325262	A564 STOKE-DERBY LINK BH9	15.0	N	218296
C	9m E	446970 325220	A42 CASTLE DONINGTON BH273	20.0	N	218230
8	10m NW	445595 325350	A564 STOKE-DERBY LINK BH11	1.0	N	218298
9	14m NW	445810 325420	EAST MIDLANDS AIRPORT CE-G	5.0	N	13335414
10	15m NW	445407 325338	A564 STOKE-DERBY LINK BH10	13.0	N	218297
11	18m E	446980 325250	A42 CASTLE DONINGTON BH274	20.0	N	218231
12	20m NE	447094 325709	A42 CASTLE DONNINGTON TP 826	2.0	N	218295
13	21m SE	446790 324660	A42 CASTLE DONINGTON NORTH TP430	3.0	N	219691
14	24m SE	446788 324622	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1065	4.1	N	18913747
15	25m NW	445760 325430	EAST MIDLANDS AIRPORT CE-E	6.0	N	13335412
C	31m E	446990 325210	A42 CASTLE DONINGTON BH271	20.0	N	218228
C	37m E	447000 325230	A42 CASTLE DONINGTON BH272	25.0	N	218229
C	40m E	447000 325210	A42 CASTLE DONINGTON BH270	10.0	N	218227
C	44m E	447000 325190	A42 CASTLE DONINGTON BH269	20.0	N	218226
16	44m NE	447046 325552	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1076	1.9	N	18913776
17	45m E	446900 325200	A42 CASTLE DONINGTON BH237	5.0	N	218220

ID	Location	Grid reference	Name	Length	Confidential	Web link
18	45m W	444787 325272	A564 STOKE-DERBY LINK 8	6.0	N	218821 ↗
C	46m E	447006 325214	A42 CASTLE DONINGTON 744	7.0	N	218207 ↗
19	46m E	446820 324800	A42 CASTLE DONINGTON NORTH BH235S	8.0	N	219692 ↗
D	51m NE	447030 325380	A42 CASTLE DONINGTON BH281	20.0	N	218234 ↗
D	61m NE	447040 325380	A42 CASTLE DONINGTON BH283	20.0	N	218236 ↗
D	61m NE	447040 325390	A42 CASTLE DONINGTON BH282	20.0	N	218235 ↗
E	65m NW	445760 325470	EAST MIDLANDS AIRPORT CE-D	6.0	N	13335411 ↗
F	67m E	447020 325170	A42 CASTLE DONINGTON BH267	20.0	N	218224 ↗
G	69m SE	446720 324350	A42 CASTLE DONINGTON NORTH BH232	7.0	N	219664 ↗
20	69m E	446970 325090	M1 EXTENSIONS BH305 LONG WHATTON	9.0	N	218143 ↗
21	69m E	446786 324844	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 CP1066	8.57	N	18913740 ↗
F	71m E	447020 325150	A42 CASTLE DONINGTON BH265	17.0	N	218222 ↗
22	72m E	447030 325200	A42 CASTLE DONINGTON BH268	10.0	N	218225 ↗
23	73m SE	446840 324640	A42 CASTLE DONINGTON NORTH BH720	6.0	N	219600 ↗
24	73m SE	446833 324597	A42 CASTLE DONINGTON NORTH BH719	15.0	N	219599 ↗
25	74m NW	445820 325480	EAST MIDLANDS AIRPORT TP CE-2	2.6	N	13335416 ↗
26	75m E	447031 325296	A42 CASTLE DONINGTON BH728R	20.0	N	218197 ↗
G	75m SE	446721 324338	A42 CASTLE DONINGTON NORTH 741	7.0	N	219605 ↗
F	77m E	447030 325170	A42 CASTLE DONINGTON BH266	15.0	N	218223 ↗
D	80m NE	447060 325370	A42 CASTLE DONINGTON BH285	7.0	N	218238 ↗
D	81m NE	447060 325390	A42 CASTLE DONINGTON BH284	20.0	N	218237 ↗
E	85m NW	445770 325490	EAST MIDLANDS AIRPORT CE-C	15.0	N	13335410 ↗
H	87m N	446214 325513	PEGASUS BUSINESS PARK PHASE 2 EMA 1	3.45	N	15987788 ↗
27	88m SE	446822 324511	A42 CASTLE DONINGTON NORTH BH718	15.0	N	219598 ↗
28	89m NE	447140 325640	M1 EXTENSIONS BH306 KEGWORTH	9.14	N	218144 ↗

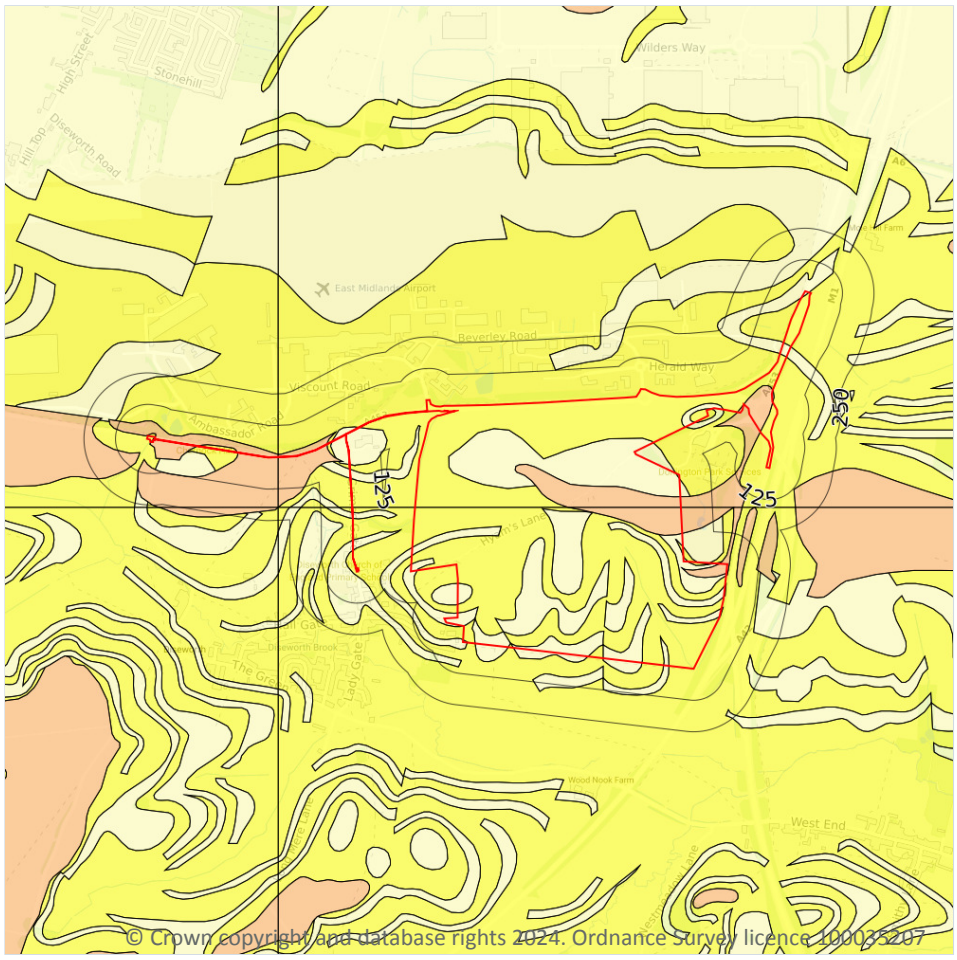
ID	Location	Grid reference	Name	Length	Confidential	Web link
H	93m N	446252 325521	PEGASUS BUSINESS PARK PHASE 2 EMA 2	3.45	N	15987792 ↗
H	98m N	446228 325525	PEGASUS BUSINESS PARK PHASE 2 EMA TP2	2.8	N	15987795 ↗
D	100m NE	447080 325370	A42 CASTLE DONINGTON BH287	20.0	N	218240 ↗
29	100m N	446276 325530	PEGASUS BUSINESS PARK PHASE 2 EMA TP1	2.7	N	15987793 ↗
30	100m E	446847 325114	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1069	4.0	N	18913774 ↗
31	101m E	447051 325155	A42 CASTLE DONINGTON BH726	15.0	N	218195 ↗
D	101m NE	447080 325390	A42 CASTLE DONINGTON BH286	20.0	N	218239 ↗
32	105m E	447064 325201	A42 CASTLE DONINGTON BH727	15.0	N	218196 ↗
E	105m NW	445760 325510	EAST MIDLANDS AIRPORT CE-B	6.0	N	13335409 ↗
I	108m NW	445840 325514	A564 STOKE-DERBY LINK BH12	6.0	N	218299 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH243	15.0	N	219685 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH249	20.0	N	219668 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH255	25.0	N	219674 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH261	20.0	N	219680 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH251	17.0	N	219670 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH263	20.0	N	219682 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH242	15.0	N	219684 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH245	17.0	N	219687 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH259	20.0	N	219678 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH253	15.0	N	219672 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH247	15.0	N	219689 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH258	10.0	N	219677 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH244	17.0	N	219686 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH248	15.0	N	219667 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH262	10.0	N	219681 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH257	20.0	N	219676 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH260	20.0	N	219679 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH246	20.0	N	219688 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH252	17.0	N	219671 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH250	15.0	N	219669 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH254	20.0	N	219673 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH256	20.0	N	219675 ↗
J	109m SE	446830 324480	A42 CASTLE DONINGTON NORTH BH264	20.0	N	219683 ↗
D	110m NE	447090 325370	A42 CASTLE DONINGTON BH287	15.0	N	218241 ↗
33	112m E	446910 325050	A42 CASTLE DONINGTON TP439	3.0	N	218217 ↗
I	114m NW	445820 325520	EAST MIDLANDS AIRPORT TP CE-1	2.5	N	13335415 ↗
K	115m W	444510 325396	A564 STOKE-DERBY LINK B7	10.0	N	218820 ↗
K	115m W	444510 325396	A564 STOKE-DERBY LINK 6	1.0	N	218819 ↗
34	117m SE	446824 324449	A42 CASTLE DONINGTON NORTH BH722	20.0	N	219602 ↗
D	121m NE	447100 325390	A42 CASTLE DONINGTON BH289	25.0	N	218242 ↗
L	129m SE	446824 324422	A42 CASTLE DONINGTON NORTH BH721	20.0	N	219601 ↗
J	130m SE	446846 324465	A42 CASTLE DONINGTON NORTH BH723	20.0	N	219603 ↗
M	130m SE	446640 324230	A42 CASTLE DONINGTON NORTH BH231	8.0	N	219662 ↗
35	133m NE	447243 325878	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 CP1078	3.02	N	18913749 ↗
36	136m E	447000 325030	A42 CASTLE DONINGTON BH241	8.0	N	218218 ↗
37	136m E	447086 325147	A42 CASTLE DONINGTON 746	6.0	N	218208 ↗
38	137m NE	447155 325573	A42 CASTLE DONINGTON 747	7.0	N	218209 ↗
M	141m SE	446660 324220	A42 CASTLE DONINGTON NORTH TP462	2.0	N	219663 ↗
39	144m NW	445830 325550	EAST MIDLANDS AIRPORT CE-F	5.0	N	13335413 ↗
40	145m SE	446906 324593	A42 CASTLE DONINGTON NORTH BH725	20.15	N	219604 ↗
41	145m NW	445760 325550	EAST MIDLANDS AIRPORT CE-A	6.0	N	13335407 ↗
L	149m SE	446840 324410	M1 EXTENSION BH302 LONG WHATTON	5.18	N	219530 ↗

ID	Location	Grid reference	Name	Length	Confidential	Web link
42	165m E	447127 325261	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 RC1074	15.0	N	18913769 ↗
43	166m E	446950 324990	M1 EXTENSION BH304 LONG WHATTON	8.53	N	219532 ↗
44	176m E	447060 325020	A42 CASTLE DONINGTON TP443	3.0	N	218219 ↗
45	180m SE	446650 324180	A42 CASTLE DONINGTON NORTH BH230S	6.0	N	219661 ↗
46	182m NE	447161 325392	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 RC1283	15.0	N	18913773 ↗
47	185m NE	447129 326038	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1080	1.2	N	18913778 ↗
48	192m E	446970 324730	A42 CASTLE DONINGTON NORTH BH239	7.0	N	219693 ↗
49	197m E	446880 324970	A42 CASTLE DONINGTON NORTH BH236	7.0	N	219695 ↗
50	204m E	447143 325094	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1070	3.5	N	18913775 ↗
51	205m NE	447194 325490	M1 WIDENING JUNCTION 21-30 PRELIMINARY GI CONTRACT 2 TP1077	2.4	N	18913777 ↗
52	212m NE	447190 325410	A42 CASTLE DONINGTON BH290	16.0	N	218244 ↗
53	213m SE	446970 324570	A42 CASTLE DONINGTON NORTH BH238	5.0	N	219690 ↗
54	220m SE	446847 324265	A42 CASTLE DONINGTON NORTH 742	7.0	N	219607 ↗
55	229m E	446990 324870	A42 CASTLE DONINGTON NORTH TP442	3.0	N	219696 ↗
56	230m E	447210 325360	A42 CASTLE DONINGTON BH291S	16.0	N	218245 ↗
57	234m SE	446600 324130	A42 CASTLE DONINGTON NORTH TP461	3.0	N	219660 ↗
58	235m SE	446810 324190	A42 CASTLE DONINGTON NORTH BH233	4.0	N	219665 ↗

This data is sourced from the British Geological Survey.

17 Natural ground subsidence - Shrink swell clays



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.1 Shrink swell clays

Records within 50m	7

The potential hazard presented by soils that absorb water when wet (making them swell), and lose water as they dry (making them shrink). This shrink-swell behaviour is controlled by the type and amount of clay in the soil, and by seasonal changes in the soil moisture content (related to rainfall and local drainage).

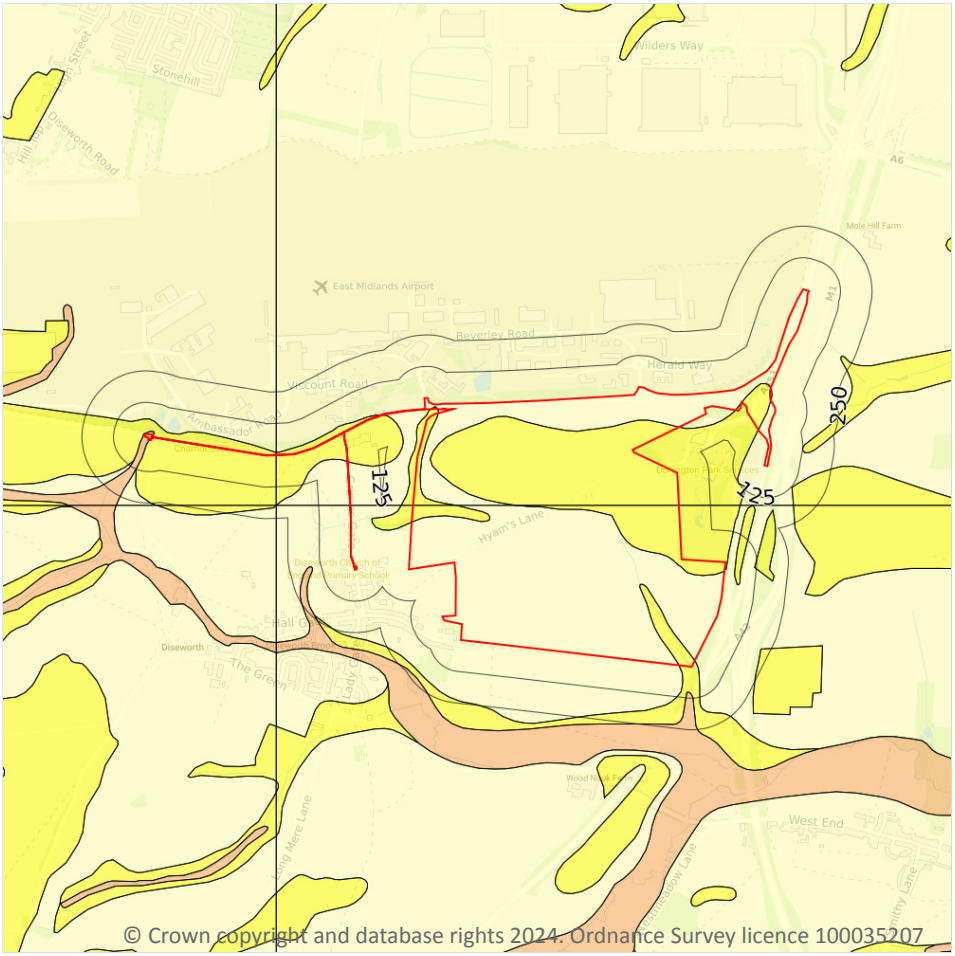
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 133 >**

Location	Hazard rating	Details
On site	**Negligible**	**Ground conditions predominantly non-plastic.**
On site	**Very low**	**Ground conditions predominantly low plasticity.**
On site	**Low**	**Ground conditions predominantly medium plasticity.**

Location	Hazard rating	Details
24m W	Negligible	Ground conditions predominantly non-plastic.
32m S	Negligible	Ground conditions predominantly non-plastic.
40m W	Negligible	Ground conditions predominantly non-plastic.
41m E	Low	Ground conditions predominantly medium plasticity.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Running sands



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.2 Running sands

Records within 50m	5

The potential hazard presented by rocks that can contain loosely-packed sandy layers that can become fluidised by water flowing through them. Such sands can 'run', removing support from overlying buildings and causing potential damage.

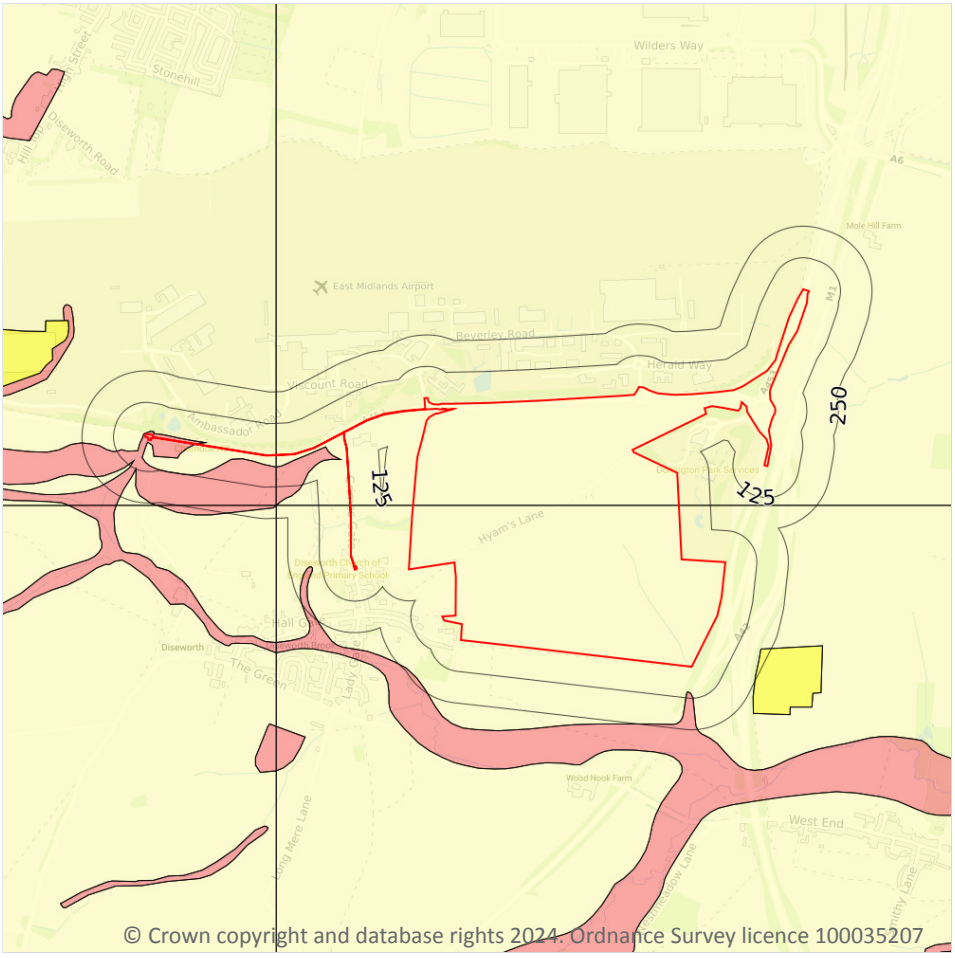
Features are displayed on the Natural ground subsidence - Running sands map on **page 135 >**

Location	Hazard rating	Details
On site	**Negligible**	**Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.**

Location	Hazard rating	Details
On site	**Very low**	**Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.**
On site	**Low**	**Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.**
10m W	Negligible	Running sand conditions are not thought to occur whatever the position of the water table. No identified constraints on lands use due to running conditions.
41m E	Very low	Running sand conditions are unlikely. No identified constraints on land use due to running conditions unless water table rises rapidly.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Compressible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.3 Compressible deposits

Records within 50m	3

The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

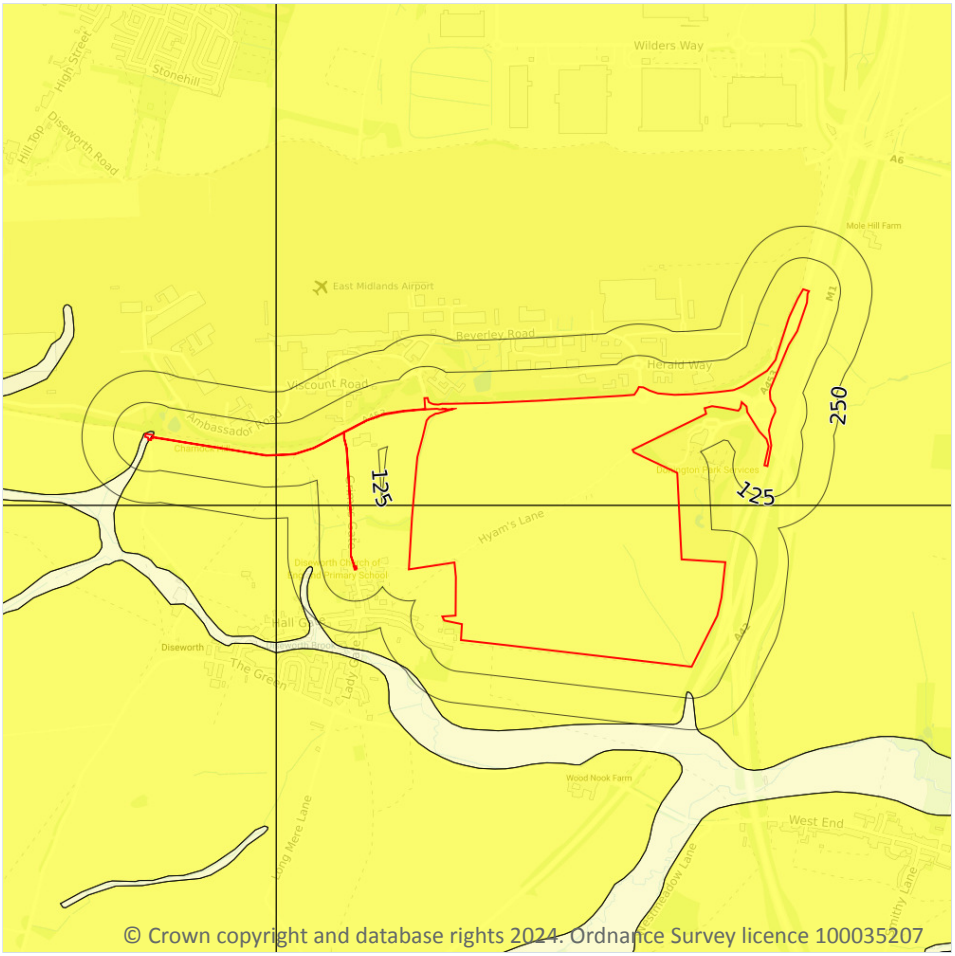
Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 137 >**

Location	Hazard rating	Details
On site	**Negligible**	**Compressible strata are not thought to occur.**
On site	**Moderate**	**Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.**

Location	Hazard rating	Details
14m W	Moderate	Compressibility and uneven settlement hazards are probably present. Land use should consider specifically the compressibility and variability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Collapsible deposits



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.4 Collapsible deposits

Records within 50m	2

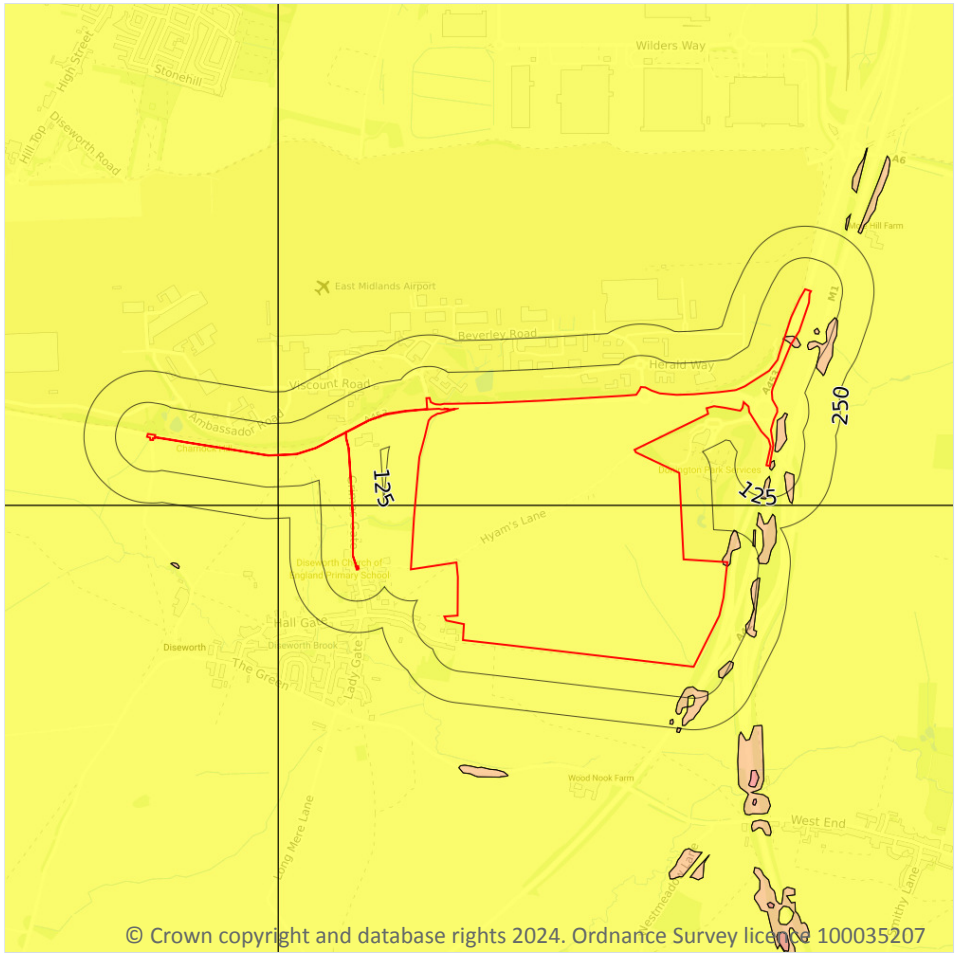
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 139 >**

Location	Hazard rating	Details
On site	**Negligible**	**Deposits with potential to collapse when loaded and saturated are believed not to be present.**
On site	**Very low**	**Deposits with potential to collapse when loaded and saturated are unlikely to be present.**

This data is sourced from the British Geological Survey.

Natural ground subsidence - Landslides



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.5 Landslides

Records within 50m	5

The potential for landsliding (slope instability) to be a hazard assessed using 1:50,000 scale digital maps of superficial and bedrock deposits, combined with information from the BGS National Landslide Database and scientific and engineering reports.

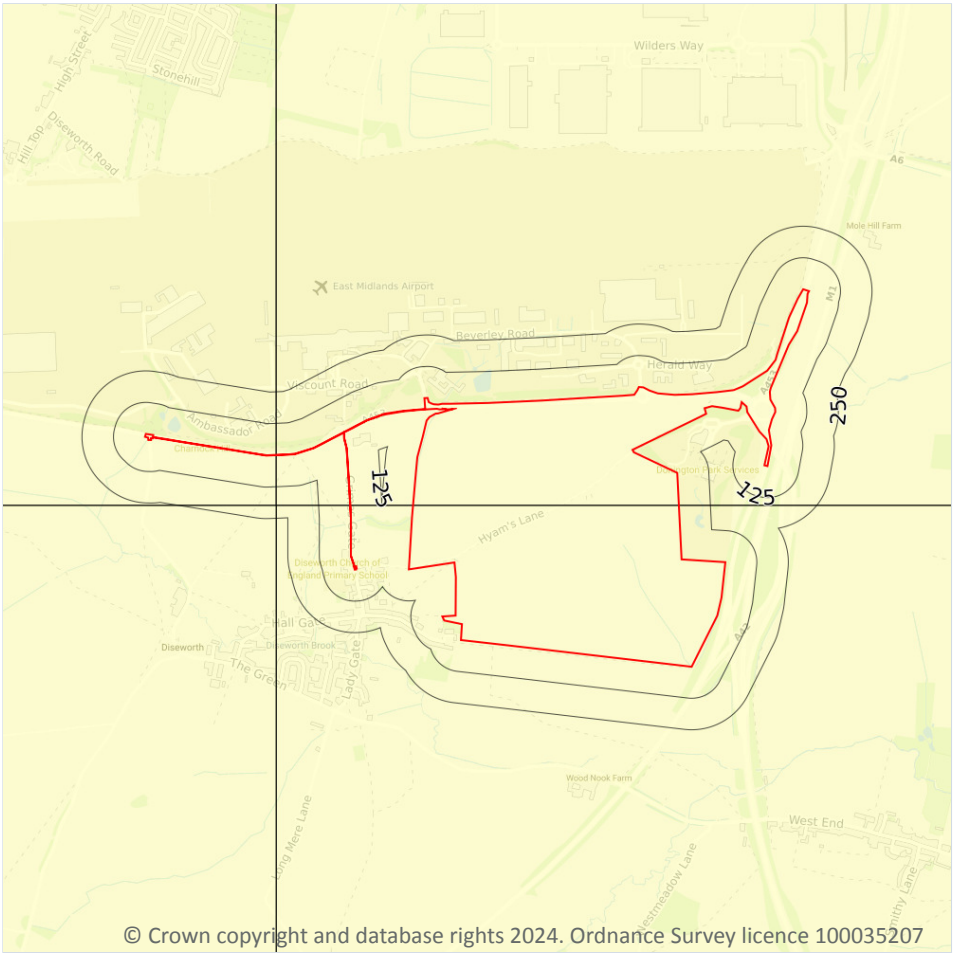
Features are displayed on the Natural ground subsidence - Landslides map on **page 140 >**

Location	Hazard rating	Details
On site	**Very low**	**Slope instability problems are not likely to occur but consideration to potential problems of adjacent areas impacting on the site should always be considered.**

Location	Hazard rating	Details
On site	**Low**	**Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.**
3m E	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
9m E	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.
42m E	Low	Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site.

This data is sourced from the British Geological Survey.

Natural ground subsidence - Ground dissolution of soluble rocks



Site Outline

Search buffers in metres (m)

- No data
- Negligible
- Very low
- Low
- Moderate
- High

17.6 Ground dissolution of soluble rocks

Records within 50m	1

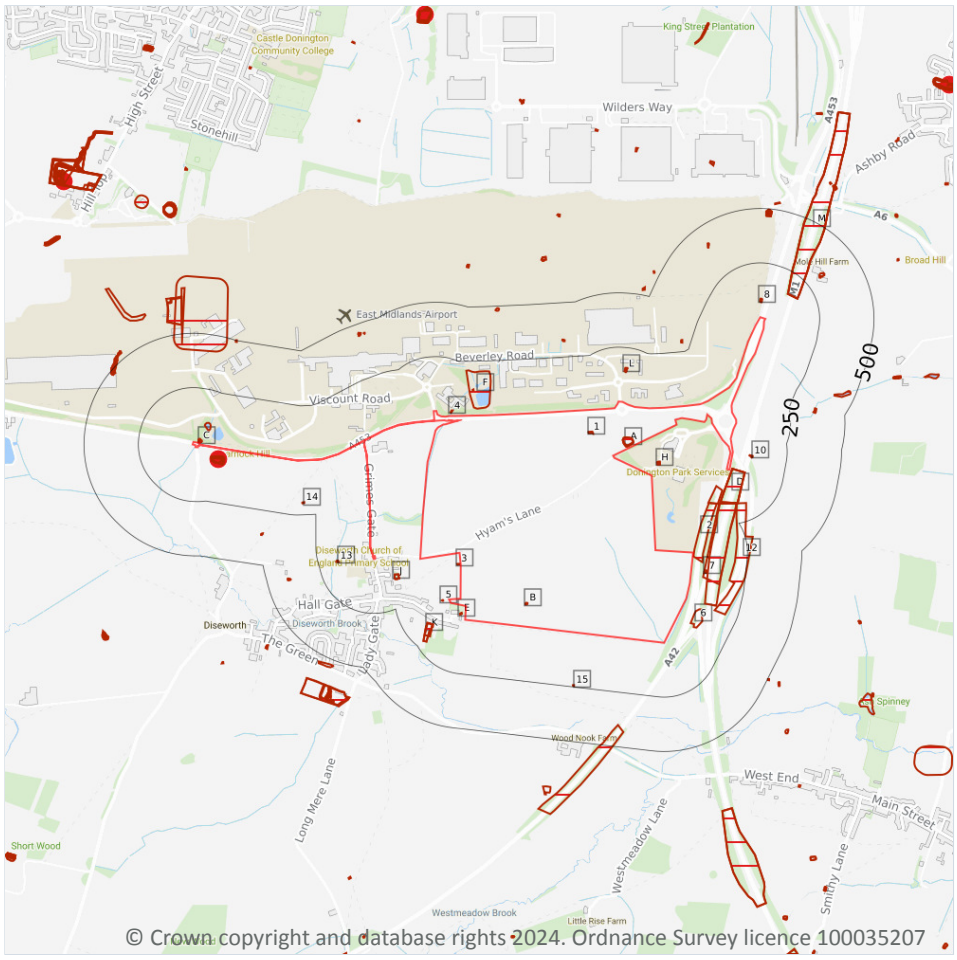
The potential hazard presented by ground dissolution, which occurs when water passing through soluble rocks produces underground cavities and cave systems. These cavities reduce support to the ground above and can cause localised collapse of the overlying rocks and deposits.

Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 142 >**

Location	Hazard rating	Details
On site	**Negligible**	**Soluble rocks are either not thought to be present within the ground, or not prone to dissolution. Dissolution features are unlikely to be present.**

This data is sourced from the British Geological Survey.

18 Mining and ground workings



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18.1 BritPits

Records within 500m	1

BritPits (an abbreviation of British Pits) is a database maintained by the British Geological Survey of currently active and closed surface and underground mineral workings. Details of major mineral handling sites, such as wharfs and rail depots are also held in the database.

Features are displayed on the Mining and ground workings map on **page 144 >**

ID	Location	Details	Description
G	50m W	Name: Charnock Hill Gravel Pit Address: Diseworth, SHEPSHED, Leicestershire Commodity: Sand & Gravel Status: Ceased	Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site Status description: Site which, at date of entry, has ceased to extract minerals. May be considered as Closed by operator. May be considered to have Active, Dormant or Expired planning permissions by Mineral Planning Authority

This data is sourced from the British Geological Survey.

18.2 Surface ground workings

Records within 250m **49**

Historical land uses identified from Ordnance Survey mapping that involved ground excavation at the surface. These features may or may not have been subsequently backfilled.

Features are displayed on the Mining and ground workings map on **page 144 >**

ID	Location	Land Use	Year of mapping	Mapping scale
1	**On site**	**Pond**	**1922**	**1:10560**
A	**On site**	**Unspecified Pit**	**1922**	**1:10560**
A	**On site**	**Unspecified Pit**	**1922**	**1:10560**
A	**On site**	**Unspecified Pit**	**1955**	**1:10560**
B	**On site**	**Pond**	**1903**	**1:10560**
B	**On site**	**Pond**	**1919**	**1:10560**
C	3m W	Pond	1922	1:10560
2	4m E	Cuttings	1993	1:10000
3	5m SW	Pond	1903	1:10560
C	8m W	Pond	1901	1:10560
D	11m E	Cuttings	1971	1:10000
D	11m E	Cuttings	1982	1:10000
D	11m E	Cuttings	1992	1:10000
4	15m NW	Pond	1922	1:10560
E	17m SW	Pond	1903	1:10560
E	17m SW	Pond	1919	1:10560

ID	Location	Land Use	Year of mapping	Mapping scale
5	27m SW	Pond	1903	1:10560
F	31m NW	Unspecified Ground Workings	1992	1:10000
G	37m W	Unspecified Ground Workings	1955	1:10560
G	37m W	Unspecified Ground Workings	1901	1:10560
G	37m W	Old Gravel Pit	1922	1:10560
G	37m W	Old Gravel Pit	1922	1:10560
G	40m W	Old Gravel Pit	1883	1:10560
G	41m W	Old Gravel Pit	1883	1:10560
H	57m NE	Pond	1901	1:10560
I	58m SE	Cuttings	1993	1:10000
H	58m NE	Pond	1922	1:10560
6	65m SE	Cuttings	1993	1:10000
7	65m E	Pond	1919	1:10560
8	69m NE	Pond	1922	1:10560
9	71m W	Pond	1988	1:10000
I	77m SE	Cuttings	1975	1:10000
10	78m E	Pond	1922	1:10560
11	92m E	Cuttings	1992	1:10000
F	114m NW	Pond	1922	1:10560
J	118m W	Pond	1903	1:10560
J	118m W	Pond	1919	1:10560
K	127m SW	Brick Yard	1883	1:10560
K	128m SW	Brick Yard	1903	1:10560
K	129m SW	Brick Yard	1883	1:10560
L	137m NE	Pond	1922	1:10560
12	141m SE	Cuttings	1993	1:10000
L	142m NE	Pond	1901	1:10560
M	155m NE	Cuttings	1971	1:10000

ID	Location	Land Use	Year of mapping	Mapping scale
M	155m NE	Cuttings	1982	1:10000
M	155m NE	Cuttings	1992	1:10000
13	158m W	Pond	1903	1:10560
14	192m W	Pond	1922	1:10560
15	241m S	Pond	1903	1:10560

This is data is sourced from Ordnance Survey/Groundsure.

18.3 Underground workings

Records within 1000m	0

Historical land uses identified from Ordnance Survey mapping that indicate the presence of underground workings e.g. mine shafts.

This is data is sourced from Ordnance Survey/Groundsure.

18.4 Underground mining extents

Records within 500m	0

This data identifies underground mine workings that could present a potential risk, including adits and seam workings. These features have been identified from BGS Geological mapping and mine plans sourced from the BGS and various collections and sources.

This data is sourced from Groundsure.

18.5 Historical Mineral Planning Areas

Records within 500m	0

Boundaries of mineral planning permissions for England and Wales. This data was collated between the 1940s (and retrospectively to the 1930s) and the mid 1980s. The data includes permitted, withdrawn and refused permissions.

This data is sourced from the British Geological Survey.

18.6 Non-coal mining

Records within 1000m	0

The potential for historical non-coal mining to have affected an area. The assessment is drawn from expert knowledge and literature in addition to the digital geological map of Britain. Mineral commodities may be divided into seven general categories - vein minerals, chalk, oil shale, building stone, bedded ores, evaporites and 'other' commodities (including ball clay, jet, black marble, graphite and chert).

This data is sourced from the British Geological Survey.

18.7 JPB mining areas

Records on site	0

Areas which could be affected by former coal and other mining. This data includes some mine plans unavailable to the Coal Authority.

This data is sourced from Johnson Poole and Bloomer.

18.8 The Coal Authority non-coal mining

Records within 500m	0

This data provides an indication of the potential zone of influence of recorded underground non-coal mining workings. Any and all analysis and interpretation of Coal Authority Data in this report is made by Groundsure, and is in no way supported, endorsed or authorised by the Coal Authority. The use of the data is restricted to the terms and provisions contained in this report. Data reproduced in this report may be the copyright of the Coal Authority and permission should be sought from Groundsure prior to any re-use.

This data is sourced from The Coal Authority.

18.9 Researched mining

Records within 500m	0

This data indicates areas of potential mining identified from alternative or archival sources, including; BGS Geological paper maps, Lidar data, aerial photographs (from World War II onwards), archaeological data services, websites, Tithe maps, and various text/plans from collected books and reports. Some of this data is approximate and Groundsure have interpreted the resultant risk area and, where possible, specific areas of risk have been captured.

This data is sourced from Groundsure.

18.10 Mining record office plans

Records within 500m	0

This dataset is representative of Mining Record Office and/or plan extents held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.11 BGS mine plans

Records within 500m	0

This dataset is representative of BGS mine plans held by Groundsure and should be considered approximate. Where possible, plans have been located and any specific areas of risk they depict have been captured.

This data is sourced from Groundsure.

18.12 Coal mining

Records on site	0

Areas which could be affected by past, current or future coal mining.

This data is sourced from the Coal Authority.

18.13 Brine areas

Records on site	0

The Cheshire Brine Compensation District indicates areas that may be affected by salt and brine extraction in Cheshire and where compensation would be available where damage from this mining has occurred. Damage from salt and brine mining can still occur outside this district, but no compensation will be available.

This data is sourced from the Cheshire Brine Subsidence Compensation Board.

18.14 Gypsum areas

Records on site	0

Generalised areas that may be affected by gypsum extraction.

This data is sourced from British Gypsum.

18.15 Tin mining

Records on site	0

Generalised areas that may be affected by historical tin mining.

This data is sourced from Groundsure.

18.16 Clay mining

Records on site	0

Generalised areas that may be affected by kaolin and ball clay extraction.

This data is sourced from the Kaolin and Ball Clay Association (UK).

19 Ground cavities and sinkholes

19.1 Natural cavities

Records within 500m	0

Industry recognised national database of natural cavities. Sinkholes and caves are formed by the dissolution of soluble rock, such as chalk and limestone, gulls and fissures by cambering. Ground instability can result from movement of loose material contained within these cavities, often triggered by water.

This data is sourced from Stantec UK Ltd.

19.2 Mining cavities

Records within 1000m	0

Industry recognised national database of mining cavities. Degraded mines may result in hazardous subsidence (crown holes). Climatic conditions and water escape can also trigger subsidence over mine entrances and workings.

This data is sourced from Stantec UK Ltd.

19.3 Reported recent incidents

Records within 500m	0

This data identifies sinkhole information gathered from media reports and Groundsure's own records. This data goes back to 2014 and includes relative accuracy ratings for each event and links to the original data sources. The data is updated on a regular basis and should not be considered a comprehensive catalogue of all sinkhole events. The absence of data in this database does not mean a sinkhole definitely has not occurred during this time.

This data is sourced from Groundsure.

19.4 Historical incidents

Records within 500m	0

This dataset comprises an extract of 1:10,560, 1:10,000, 1:2,500 and 1:1,250 scale historical Ordnance Survey maps held by Groundsure, dating back to the 1840s. It shows shakeholes, deneholes and other 'holes' as noted on these maps. Dene holes are medieval chalk extraction pits, usually comprising a narrow shaft with a number of chambers at the base of the shaft. Shakeholes are an alternative name for suffusion sinkholes, most commonly found in the limestone landscapes of North Yorkshire but also extensively noted around the Brecon Beacons National Park.

Not all 'holes' noted on Ordnance Survey mapping will necessarily be present within this dataset.

This data is sourced from Groundsure.

19.5 National karst database

Records within 500m	0

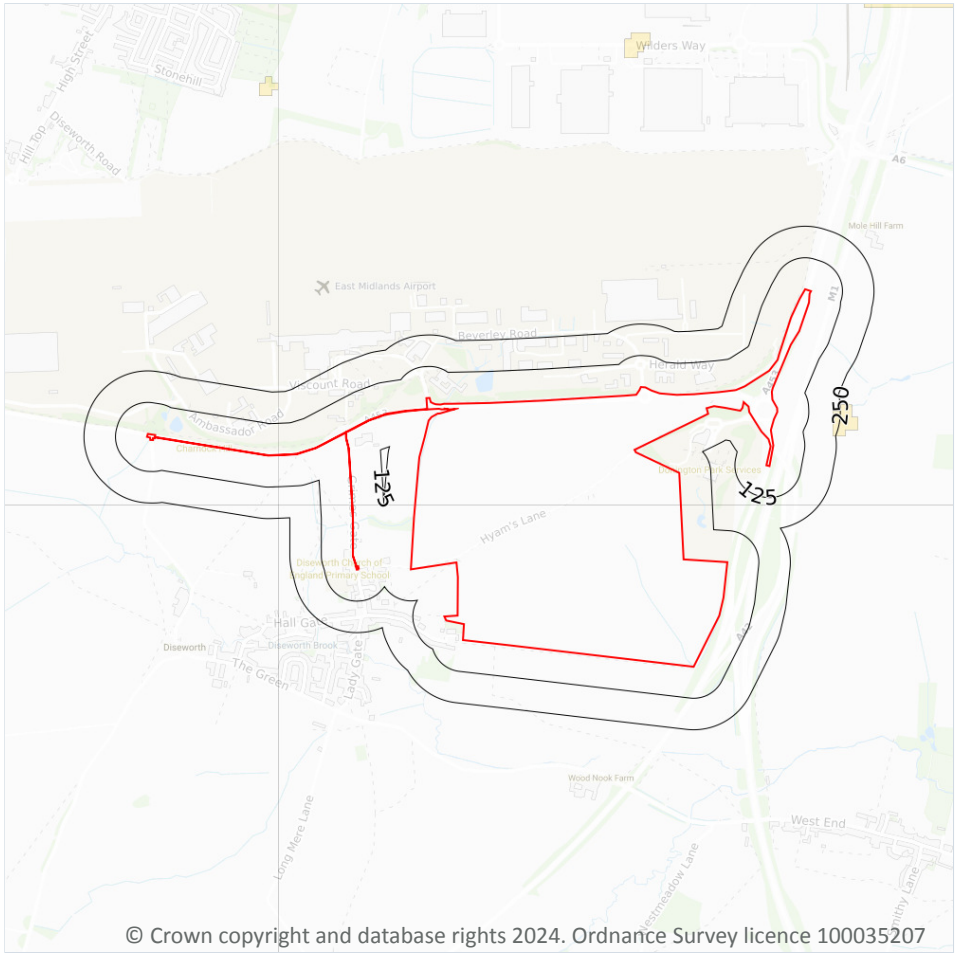
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

Since the database was set up in 2002 data covering most of the evaporite karst areas of the UK have now been added, along with data covering about 60% of the Chalk, and 35% of the Carboniferous Limestone outcrops. Many of the classic upland karst areas have yet to be included. Recorded so far are: Over 800 caves, 1300 stream sinks, 5600 springs, 10,000 sinkholes.

The database is not yet complete, and not all records have been verified. The absence of data does not mean that karst features are not present at a site. A reliability rating is included with each record.

This data is sourced from the British Geological Survey.

20 Radon



20.1 Radon

Records on site	1

The Radon Potential data classifies areas based on their likelihood of a property having a radon level at or above the Action Level in Great Britain. The dataset is intended for use at 1:50,000 scale and was derived from both geological assessments and indoor radon measurements (more than 560,000 records). A minimum 50m buffer should be considered when searching the maps, as the smallest detectable feature at this scale is 50m. The findings of this section should supersede any estimations derived from the Indicative Atlas of Radon in Great Britain (1:100,000 scale).

Features are displayed on the Radon map on **page 153 >**

Location	Estimated properties affected	Radon Protection Measures required
On site	**Less than 1%**	**None**

This data is sourced from the British Geological Survey and UK Health Security Agency.

21 Soil chemistry

21.1 BGS Estimated Background Soil Chemistry

Records within 50m	179

The estimated values provide the likely background concentration of the potentially harmful elements Arsenic, Cadmium, Chromium, Lead and Nickel in topsoil. The values are estimated primarily from rural topsoil data collected at a sample density of approximately 1 per 2 km^2. In areas where rural soil samples are not available, estimation is based on stream sediment data collected from small streams at a sampling density of 1 per 2.5 km^2; this is the case for most of Scotland, Wales and southern England. The stream sediment data are converted to soil-equivalent concentrations prior to the estimation.

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 - 25 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
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On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**40 - 60 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**15 - 30 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
On site	**15 mg/kg**	**No data**	**100 mg/kg**	**60 mg/kg**	**1.8 mg/kg**	**60 - 90 mg/kg**	**30 - 45 mg/kg**
3m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
5m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
6m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
6m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
7m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
8m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
9m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
9m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
10m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
14m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
15m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
16m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
17m NW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
20m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
20m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
23m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
25m SW	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
26m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
26m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
27m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
29m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
30m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
32m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
33m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
35m S	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
36m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
37m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
37m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
37m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
40m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
41m E	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg
43m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg

Location	Arsenic	Bioaccessible Arsenic	Lead	Bioaccessible Lead	Cadmium	Chromium	Nickel
43m W	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	40 - 60 mg/kg	15 - 30 mg/kg
44m SE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
46m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
47m W	15 - 25 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	30 - 45 mg/kg
48m NE	15 mg/kg	No data	100 mg/kg	60 mg/kg	1.8 mg/kg	60 - 90 mg/kg	15 - 30 mg/kg

This data is sourced from the British Geological Survey.

21.2 BGS Estimated Urban Soil Chemistry

Records within 50m	0

Estimated topsoil chemistry of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc and bioaccessible Arsenic and Lead in 23 urban centres across Great Britain. These estimates are derived from interpolation of the measured urban topsoil data referred to above and provide information across each city between the measured sample locations (4 per km^2).

This data is sourced from the British Geological Survey.

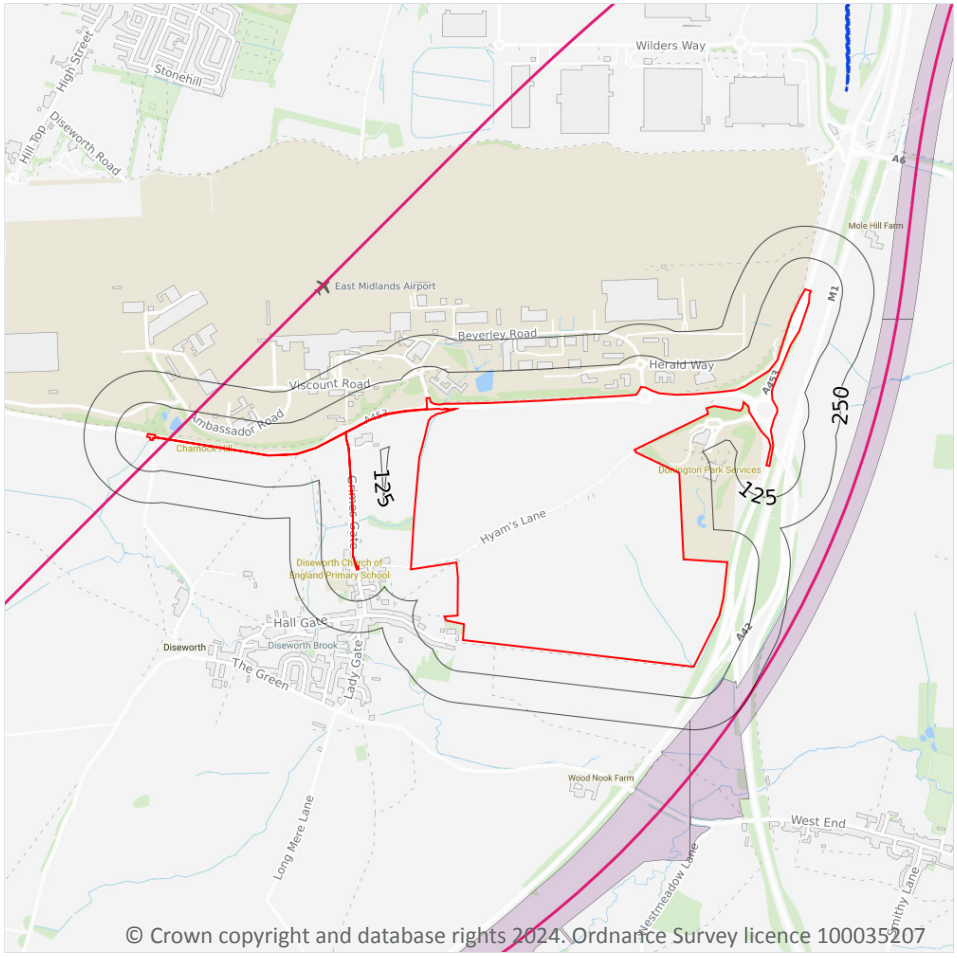
21.3 BGS Measured Urban Soil Chemistry

Records within 50m	0

The locations and measured total concentrations (mg/kg) of Arsenic, Cadmium, Chromium, Copper, Nickel, Lead, Tin and Zinc in urban topsoil samples from 23 urban centres across Great Britain. These are collected at a sample density of 4 per km^2.

This data is sourced from the British Geological Survey.

22 Railway infrastructure and projects



Site Outline

Search buffers in metres (m)

- Crossrail 2 Stations
- Crossrail 2 Route
- Crossrail 2 Worksites
- Crossrail 2 Safeguarding
- Crossrail 2 Headhouses
- Railway stations
- Active railways
- Active tunnels
- Abandoned railways
- Historic railways
- Historic tunnels
- Underground stations
- Underground Lines
- Royal Mail tunnels
- HS2 optimised route
- HS2 Stations
- HS2 Depots
- HS2 Surface Safeguarding
- HS2 Subsurface Safeguarding

22.1 Underground railways (London)

Records within 250m	0

Details of all active London Underground lines, including approximate tunnel roof depth and operational hours.

This data is sourced from publicly available information by Groundsure.

22.2 Underground railways (Non-London)

Records within 250m	0

Details of the Merseyrail system, the Tyne and Wear Metro and the Glasgow Subway. Not all parts of all systems are located underground. The data contains location information only and does not include a depth assessment.

This data is sourced from publicly available information by Groundsure.

22.3 Railway tunnels

Records within 250m	0

Railway tunnels taken from contemporary Ordnance Survey mapping.

This data is sourced from the Ordnance Survey.

22.4 Historical railway and tunnel features

Records within 250m	0

Railways and tunnels digitised from historical Ordnance Survey mapping as scales of 1:1,250, 1:2,500, 1:10,000 and 1:10,560.

This data is sourced from Ordnance Survey/Groundsure.

22.5 Royal Mail tunnels

Records within 250m	0

The Post Office Railway, otherwise known as the Mail Rail, is an underground railway running through Central London from Paddington Head District Sorting Office to Whitechapel Eastern Head Sorting Office. The line is 10.5km long. The data includes details of the full extent of the tunnels, the depth of the tunnel, and the depth to track level.

This data is sourced from Groundsure/the Postal Museum.

22.6 Historical railways

Records within 250m	0

Former railway lines, including dismantled lines, abandoned lines, disused lines, historic railways and razed lines.

This data is sourced from OpenStreetMap.

22.7 Railways

Records within 250m	0

Currently existing railway lines, including standard railways, narrow gauge, funicular, trams and light railways.

This data is sourced from Ordnance Survey and OpenStreetMap.

22.8 Crossrail 2

Records within 500m	0

Crossrail 2 is a proposed railway linking the national rail networks in Surrey and Hertfordshire via an underground tunnel through London.

This data is sourced from publicly available information by Groundsure.

22.9 HS2

Records within 500m	13

HS2 is a proposed high speed rail network running from London to Manchester and Leeds via Birmingham. Main civils construction on Phase 1 (London to Birmingham) of the project began in 2019, and it is currently anticipated that this phase will be fully operational by 2026. Construction on Phase 2a (Birmingham to Crewe) is anticipated to commence in 2021, with the service fully operational by 2027. Construction on Phase 2b (Crewe to Manchester and Birmingham to Leeds) is scheduled to begin in 2023 and be operational by 2033.

Features are displayed on the Railway infrastructure and projects map on **page 166 >**

Location	Track Type	Speed (mph)	Speed (km/h)	Status
On site	**Tunnel**	**249mph**	**400kph**	**Section is scheduled for cancellation**
9m W	Surface Running Track	249mph	400kph	Section is scheduled for cancellation
246m SE	Bridge/Viaduct	171mph	275kph	Section is scheduled for cancellation
254m W	Surface Running Track	249mph	400kph	Section is scheduled for cancellation
257m SE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
277m SE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
293m SE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
304m W	Surface Running Track	249mph	400kph	Section is scheduled for cancellation
341m E	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
355m NE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
356m NE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
357m NE	Surface Running Track	171mph	275kph	Section is scheduled for cancellation
358m E	Surface Running Track	171mph	275kph	Section is scheduled for cancellation

This data is sourced from HS2 ltd.

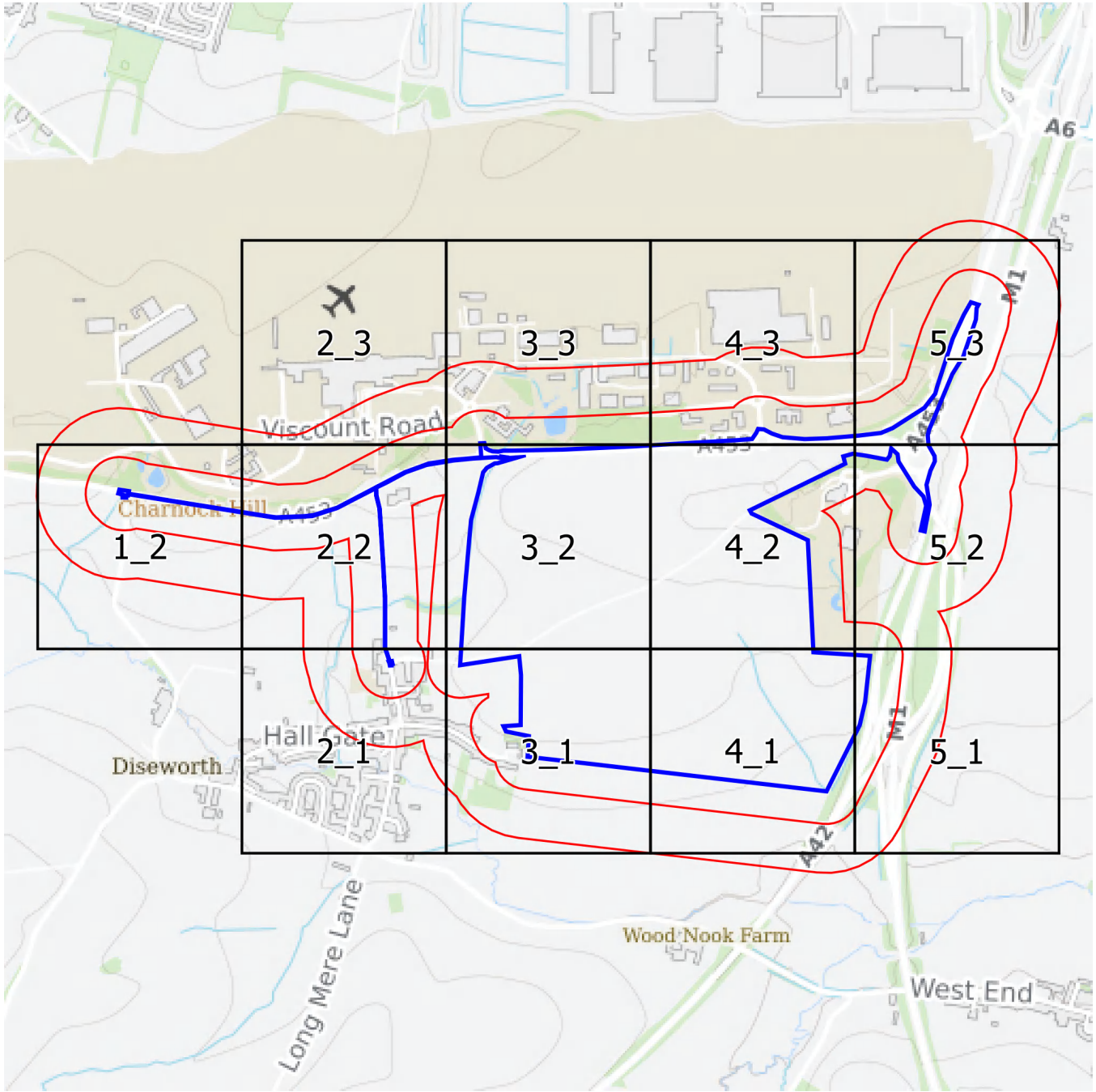
Data providers

Groundsure works with respected data providers to bring you the most relevant and accurate information. To find out who they are and their areas of expertise see https://[redacted]sources-reference ↗.

Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: [redacted]terms-and-conditions-april-2023/ ↗.

Appendix 2: Historical Mapping



Groundsure INSIGHTS

1:2,500 Scale Grid Index

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W
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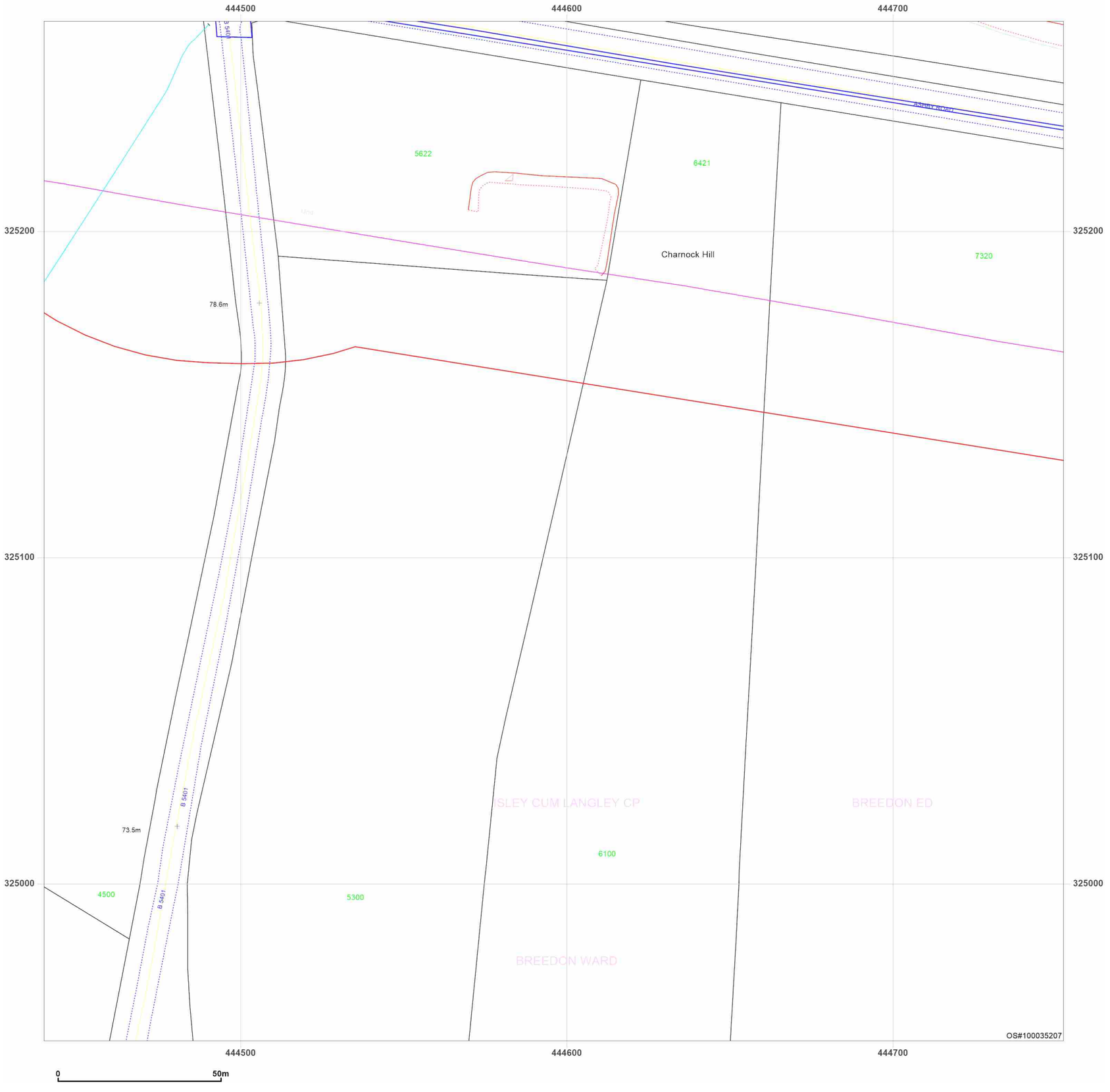

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_1_3
Grid Ref: 444596, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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W E
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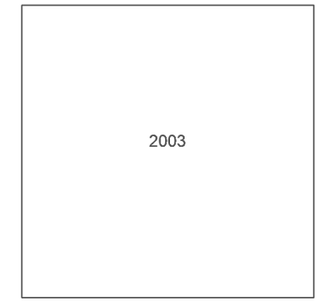

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W: [redacted]

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_1_4
Grid Ref: 444596, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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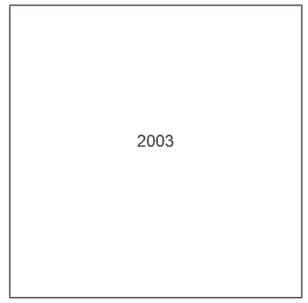

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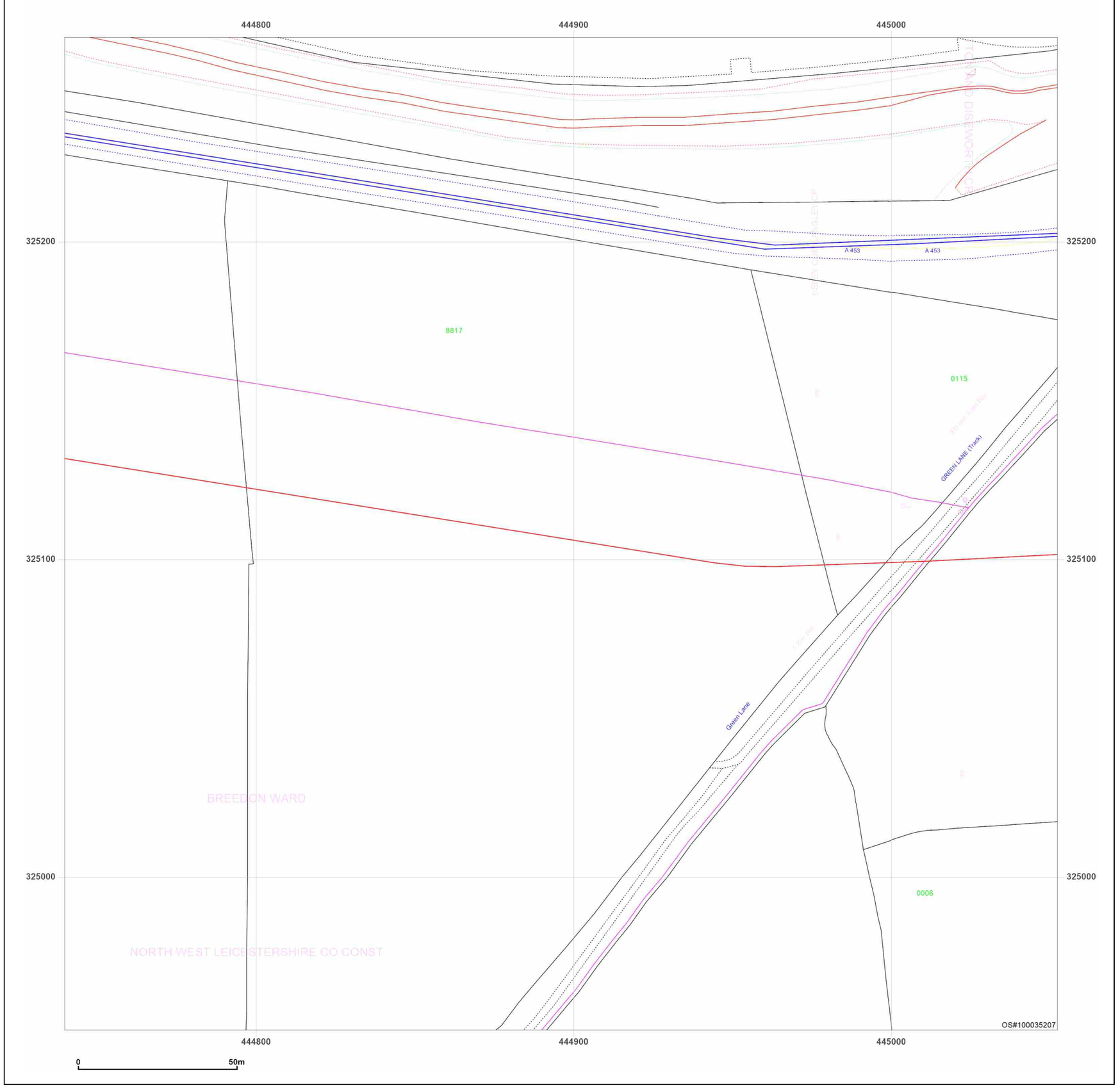
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_2_3
Grid Ref: 444896, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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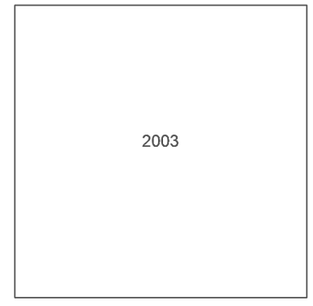

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_3_2
Grid Ref: 445196, 324808

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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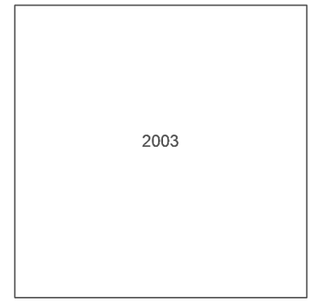

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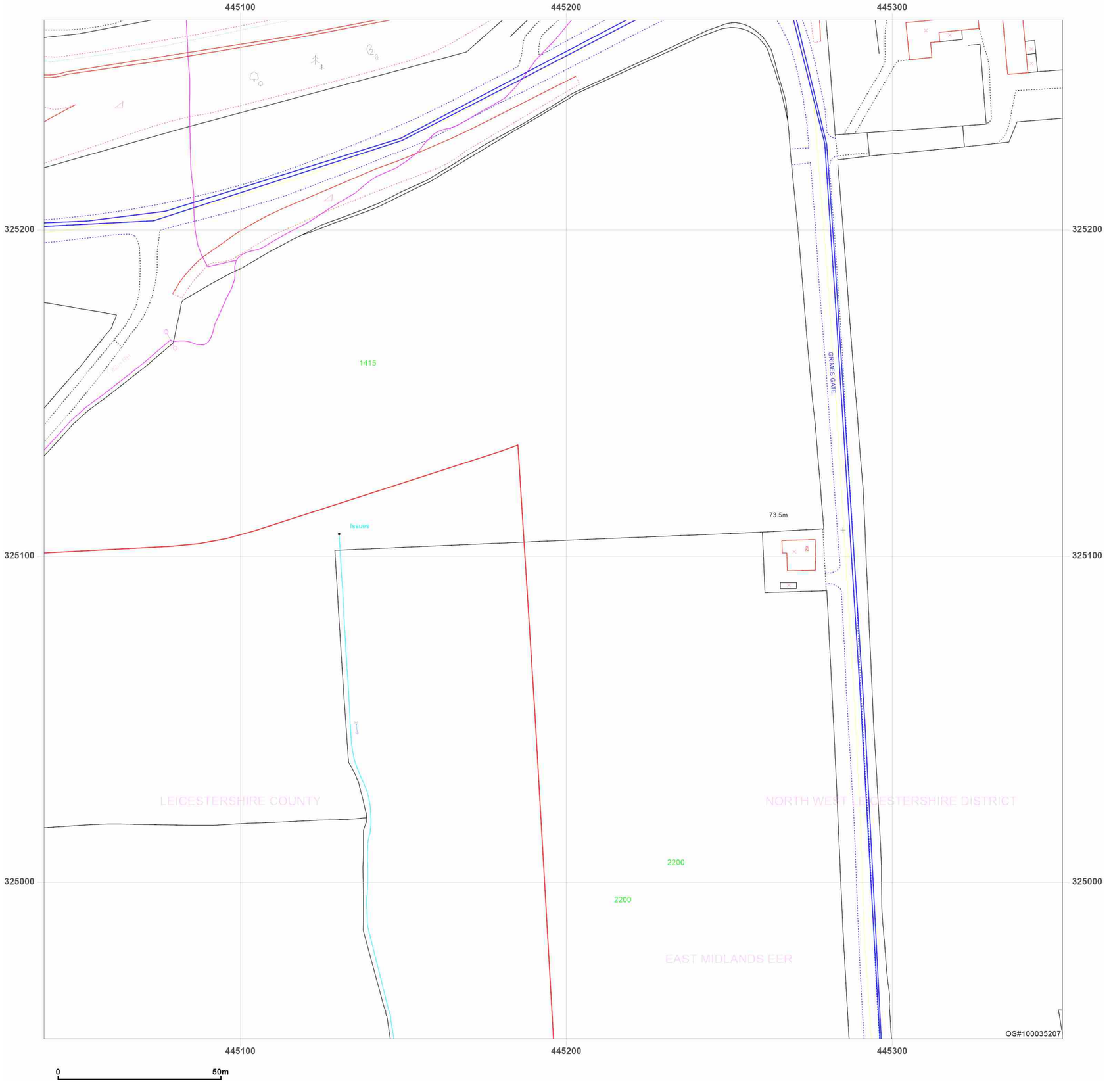
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_3_3
Grid Ref: 445196, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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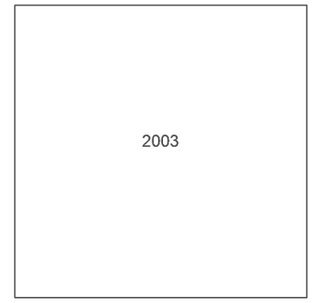

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_3_4
Grid Ref: 445196, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_4_2
Grid Ref: 445496, 324808

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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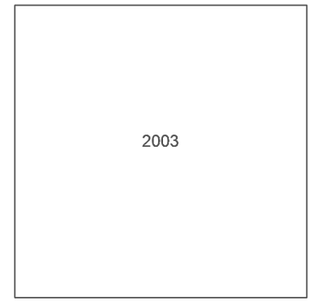

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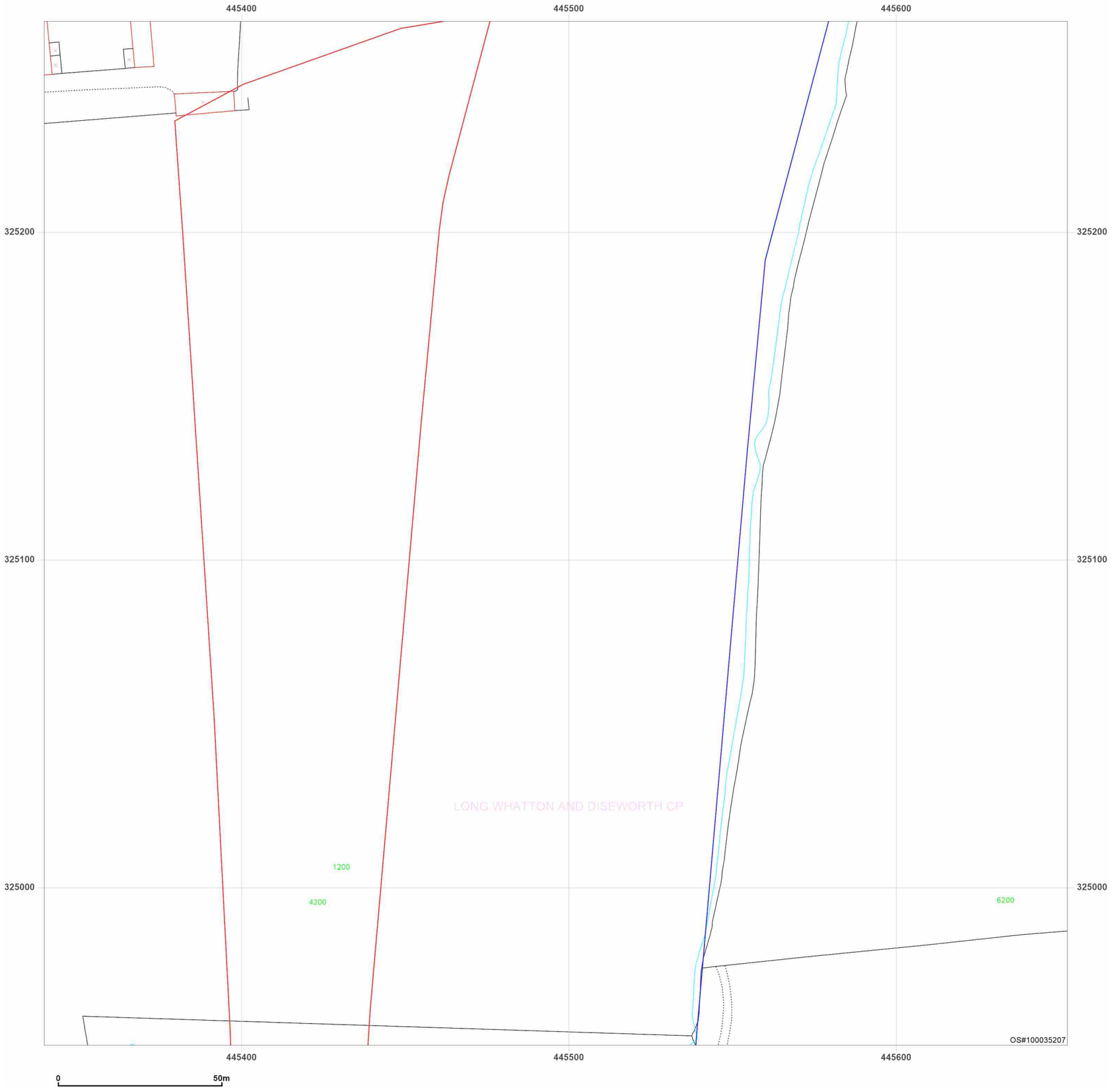
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_4_3
Grid Ref: 445496, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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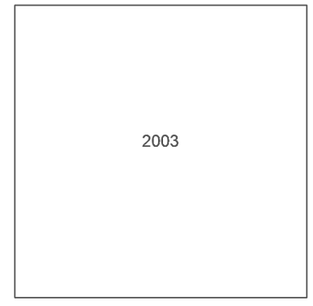

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Production date: 13 December 2024

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Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_4_4
Grid Ref: 445496, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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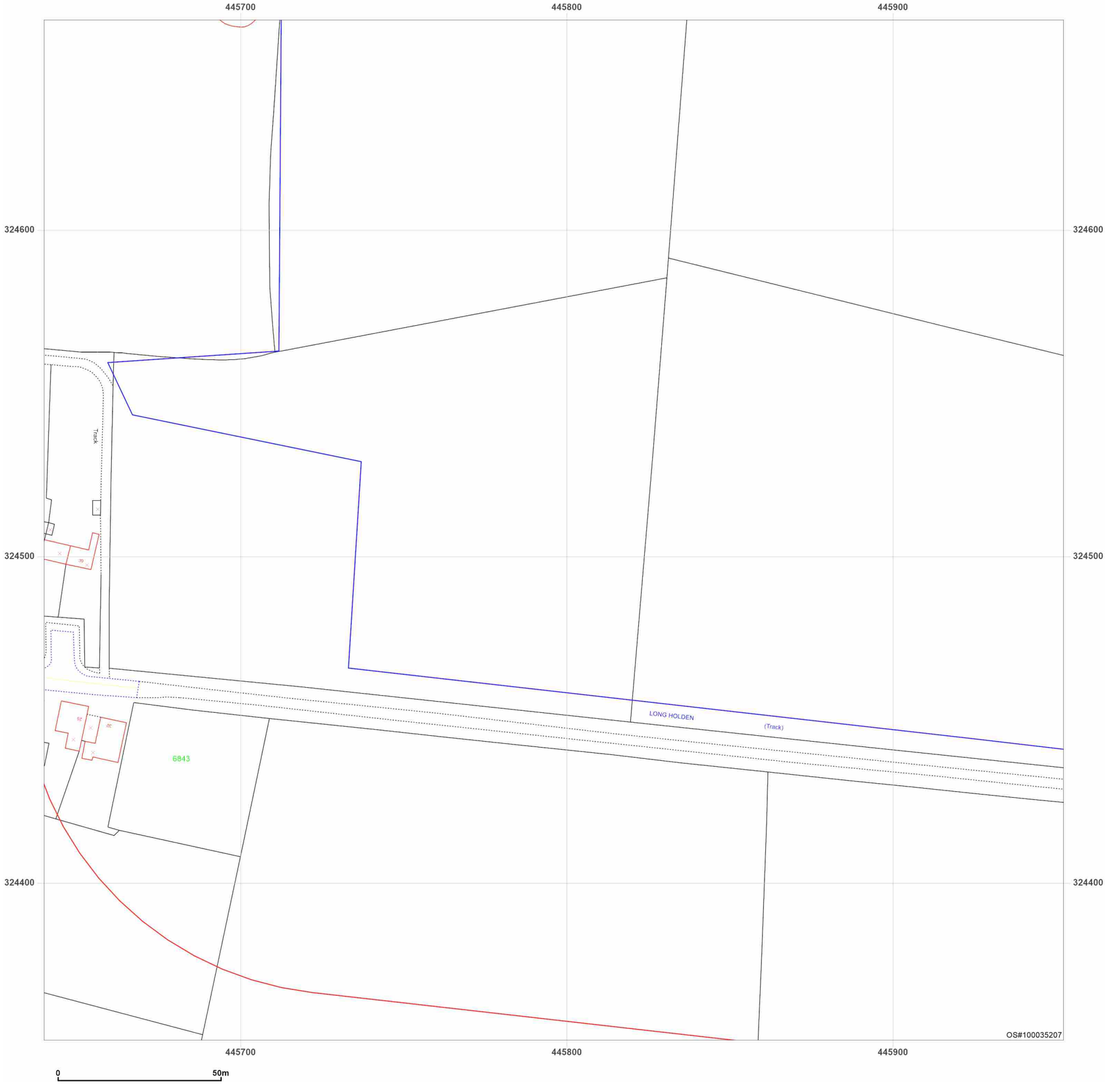

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_5_1
Grid Ref: 445796, 324508

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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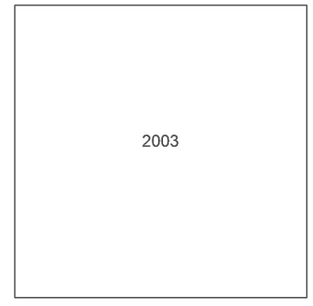

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_5_2
Grid Ref: 445796, 324808

Map Name: LandLine
Map date: **2003**
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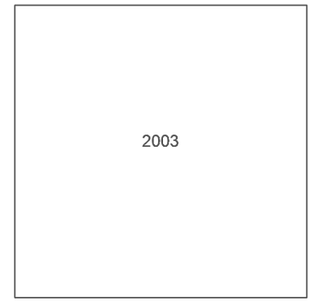

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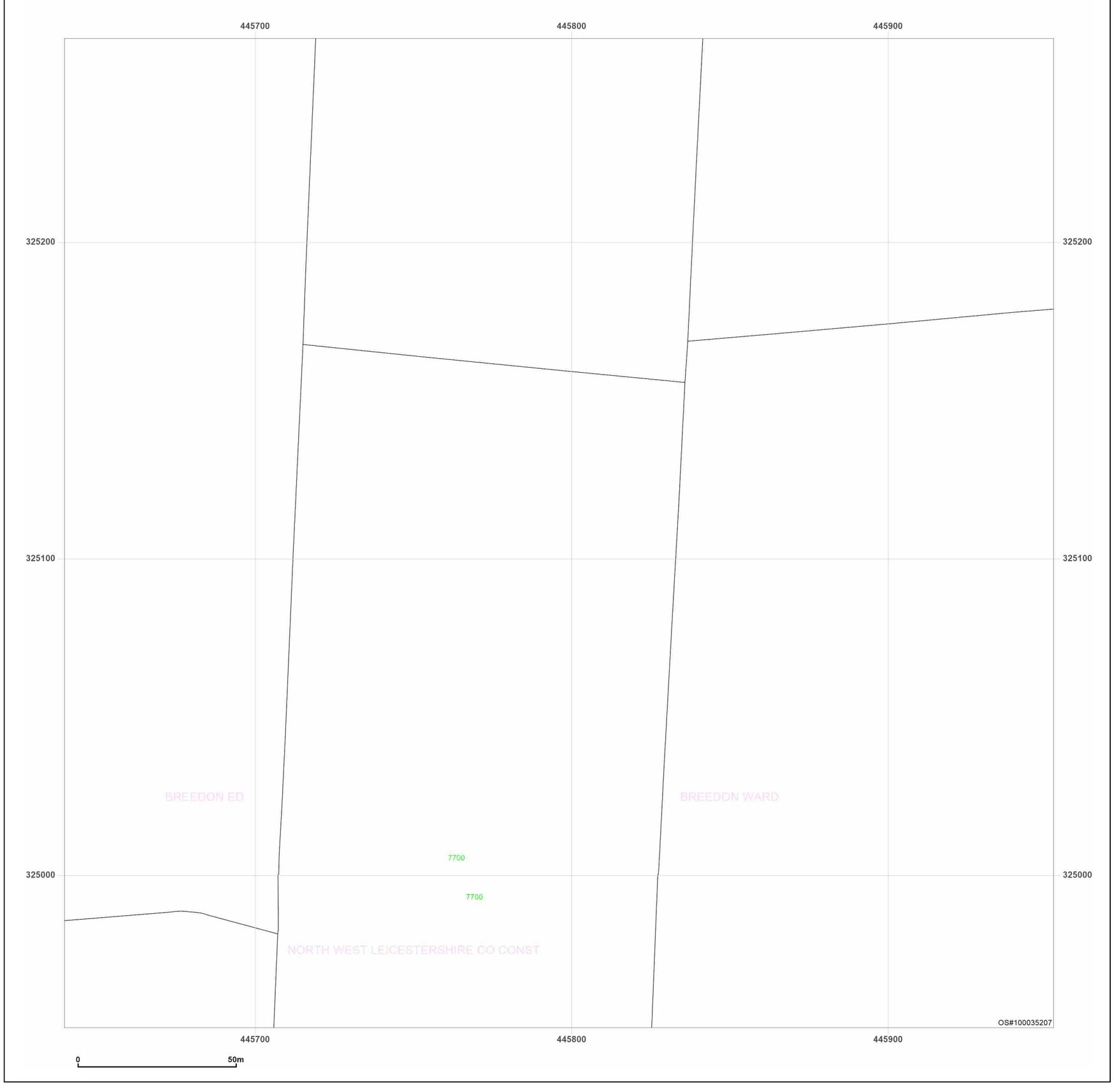

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_5_3
Grid Ref: 445796, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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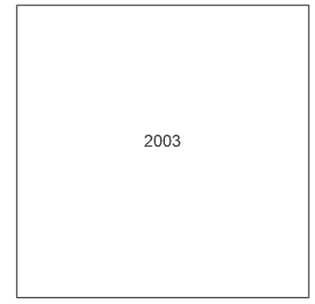

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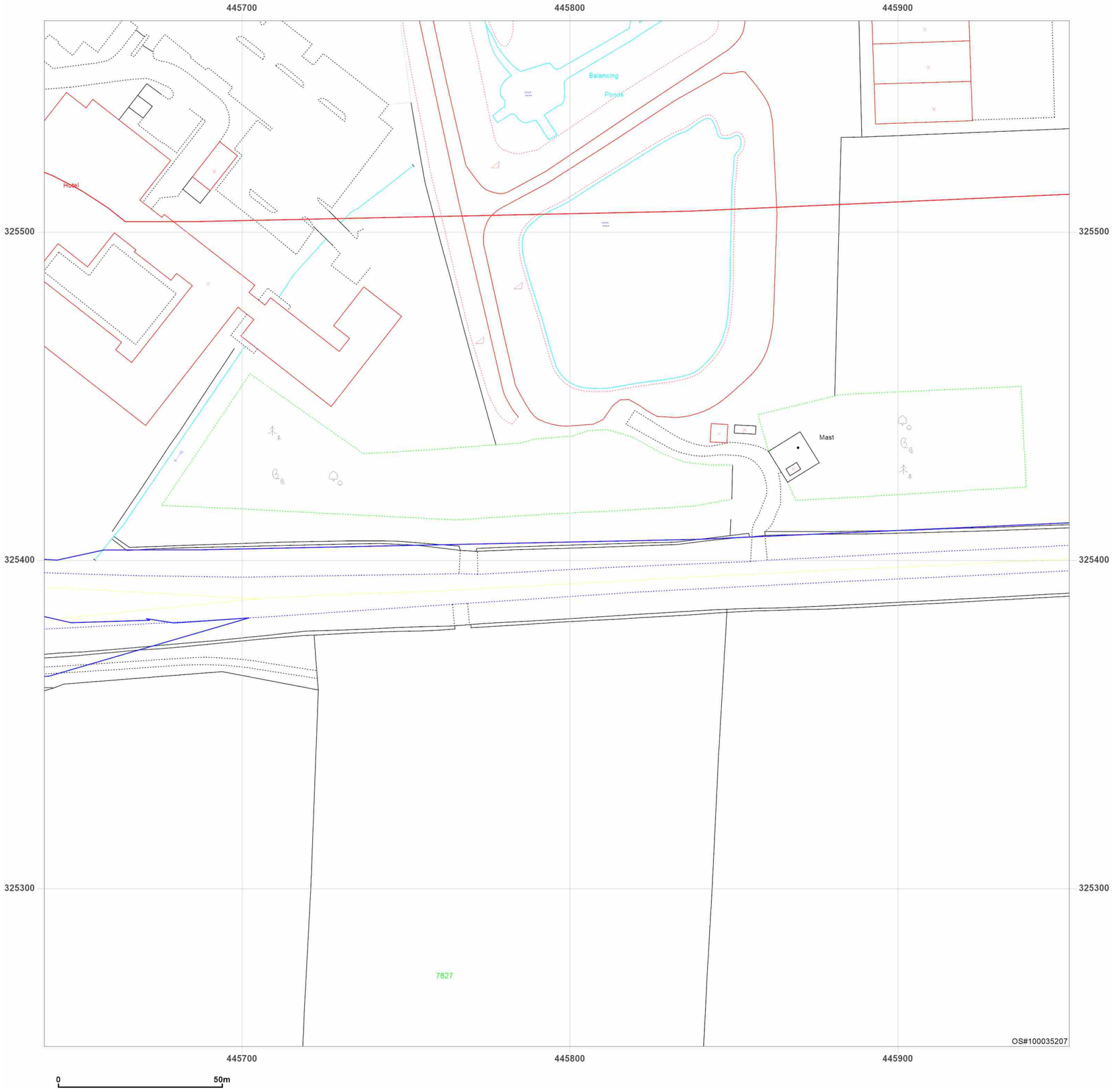

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_5_4
Grid Ref: 445796, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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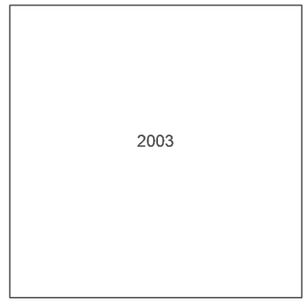

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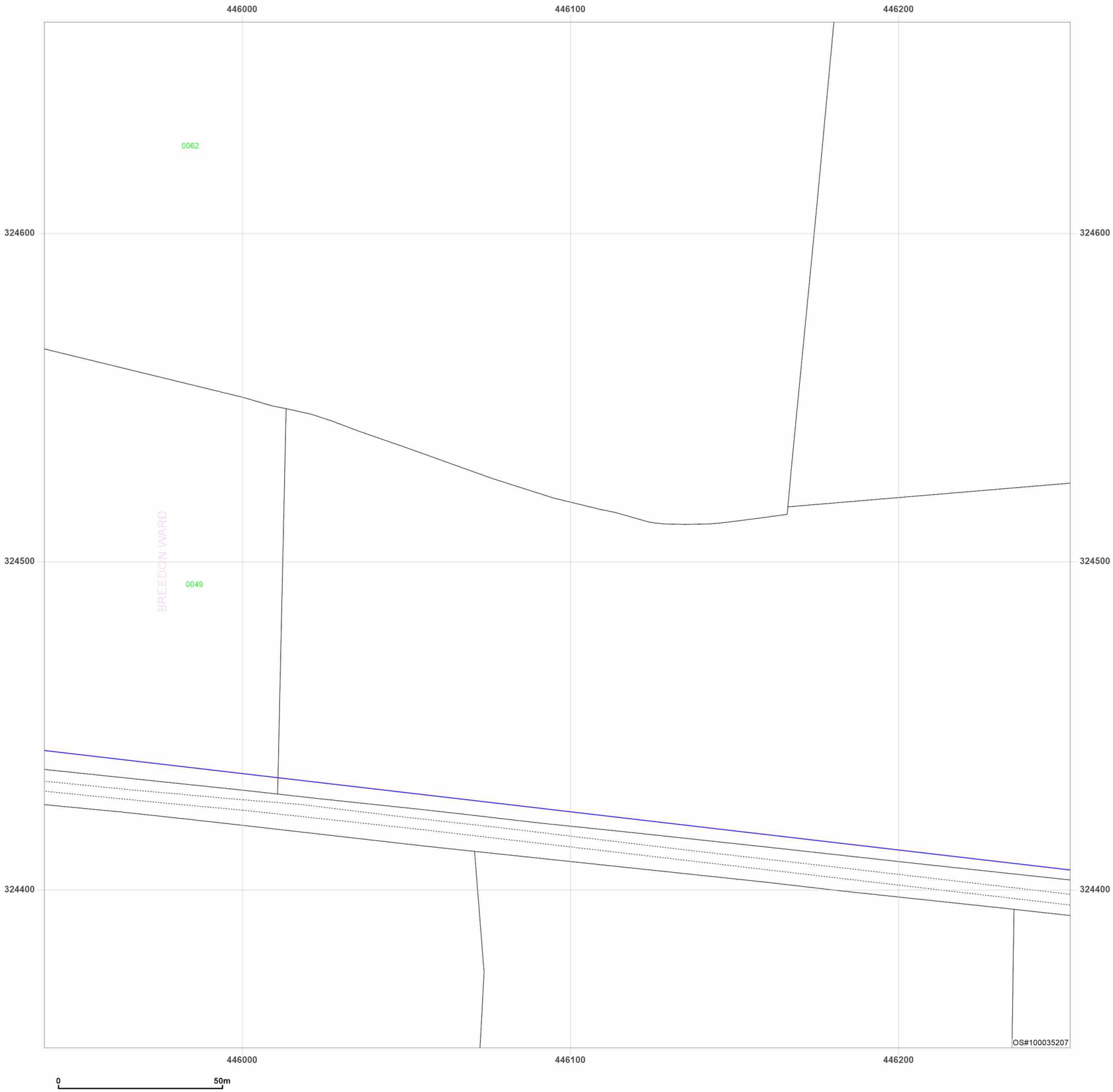

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_6_1
Grid Ref: 446096, 324508

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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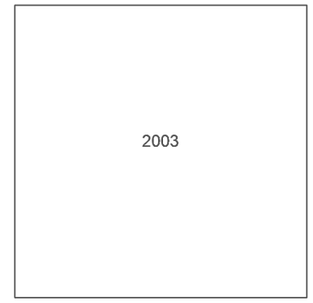

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Production date: 13 December 2024

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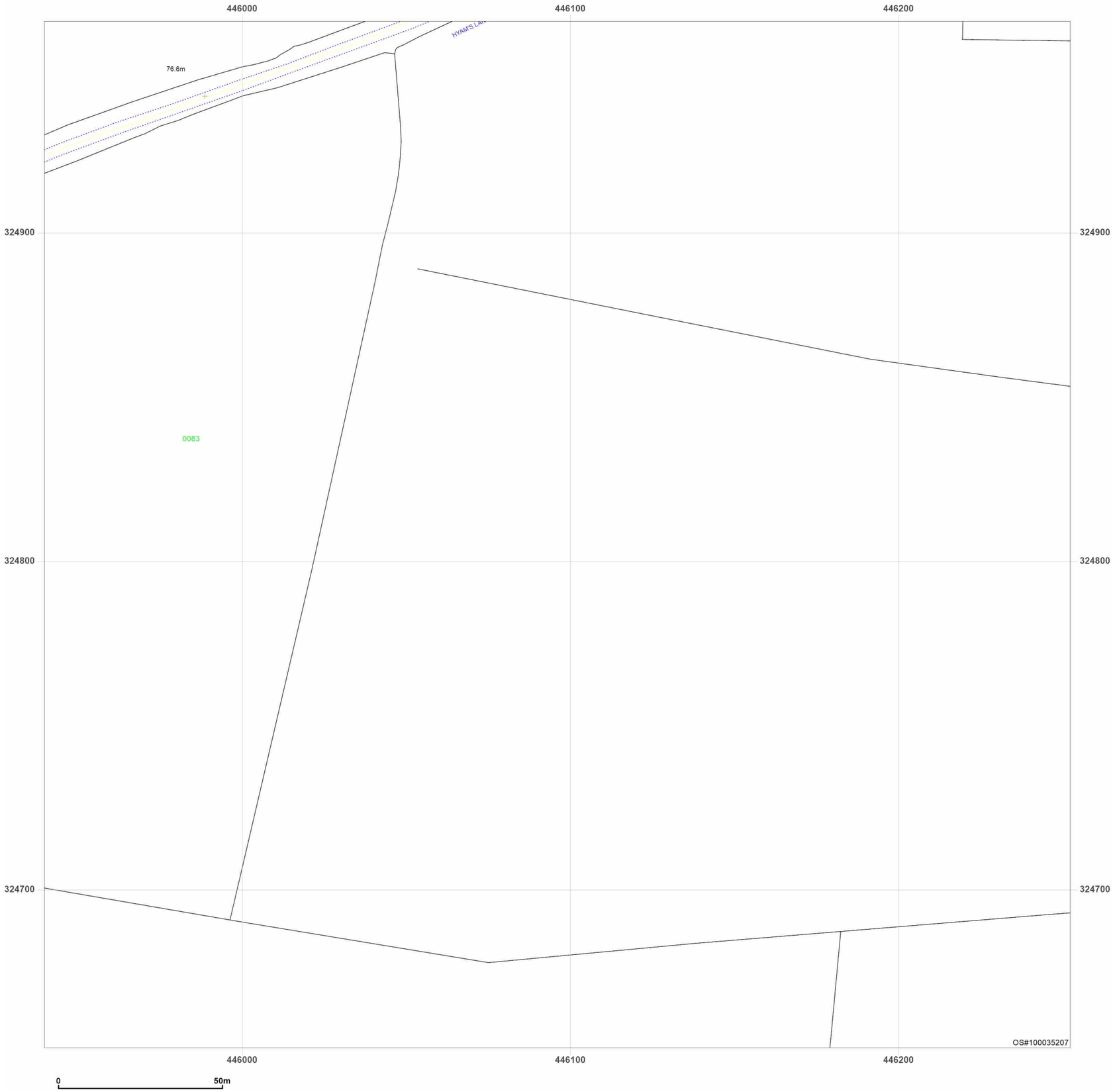

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_6_2
Grid Ref: 446096, 324808

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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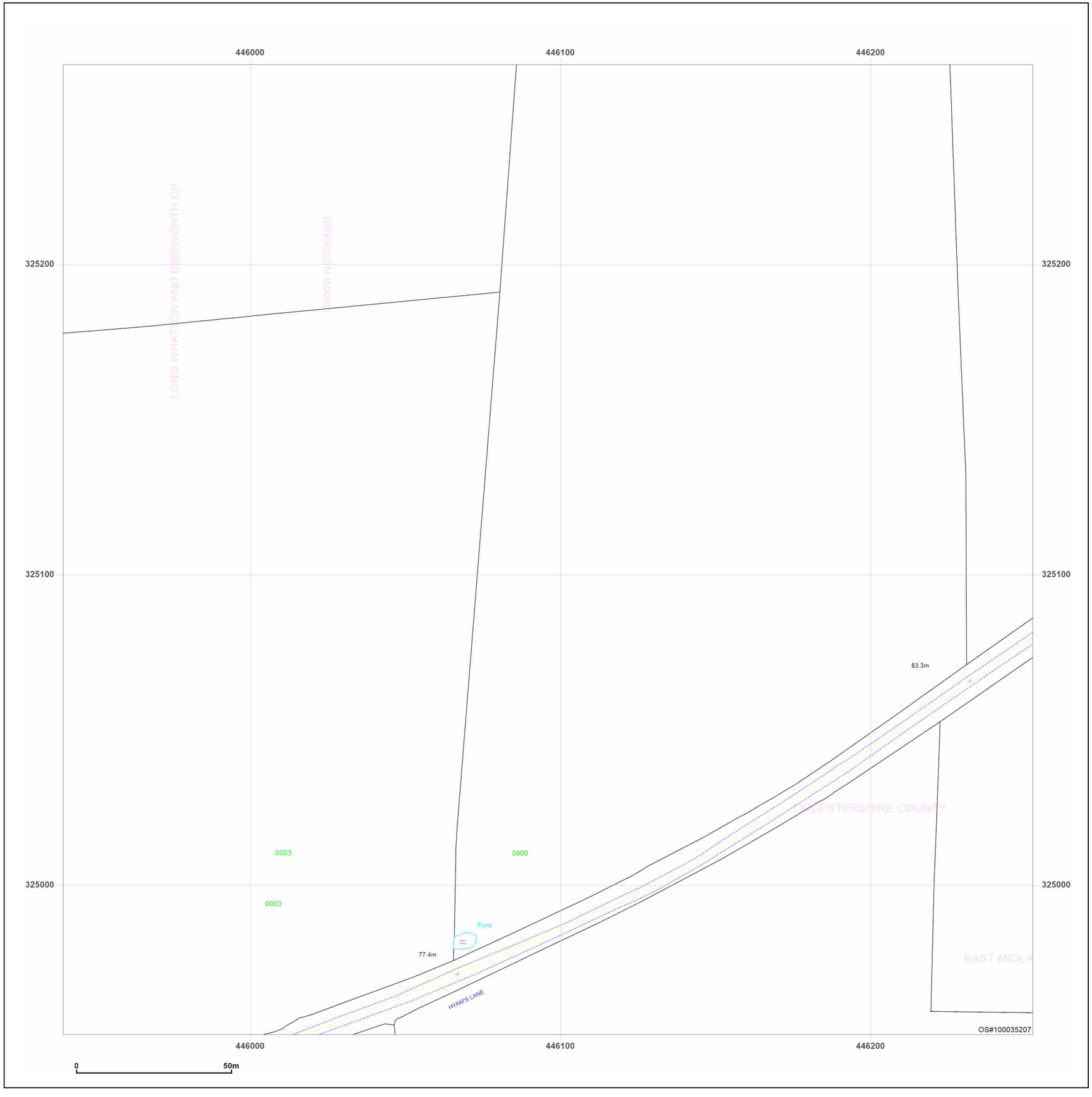
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_6_3
Grid Ref: 446096, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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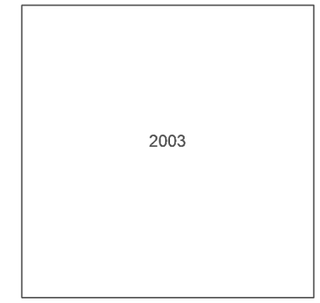

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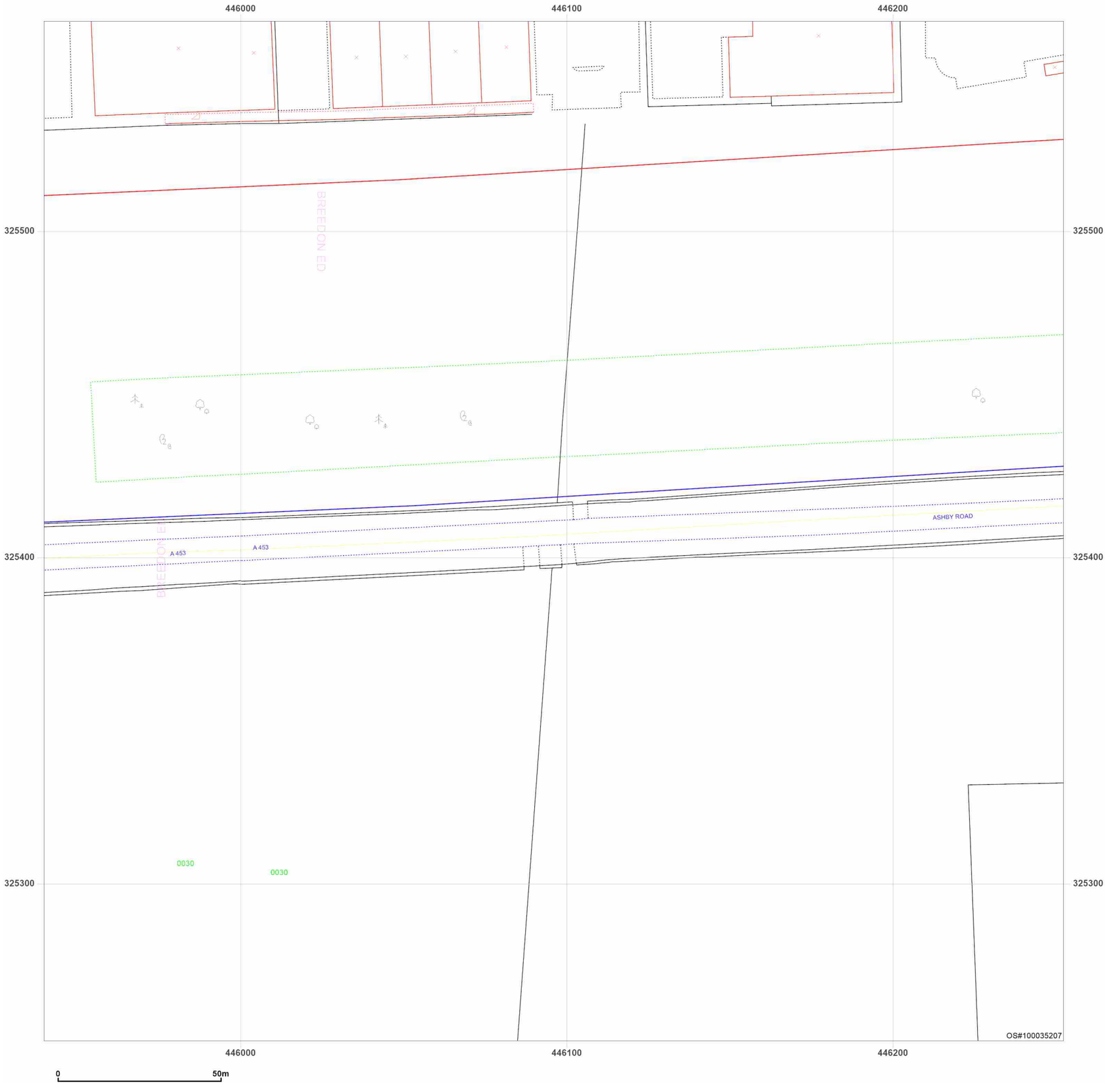

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_6_4
Grid Ref: 446096, 325408

Map Name: LandLine
Map date: **2003**
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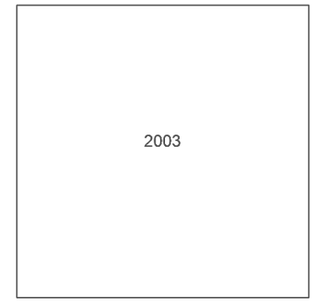

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Production date: 13 December 2024

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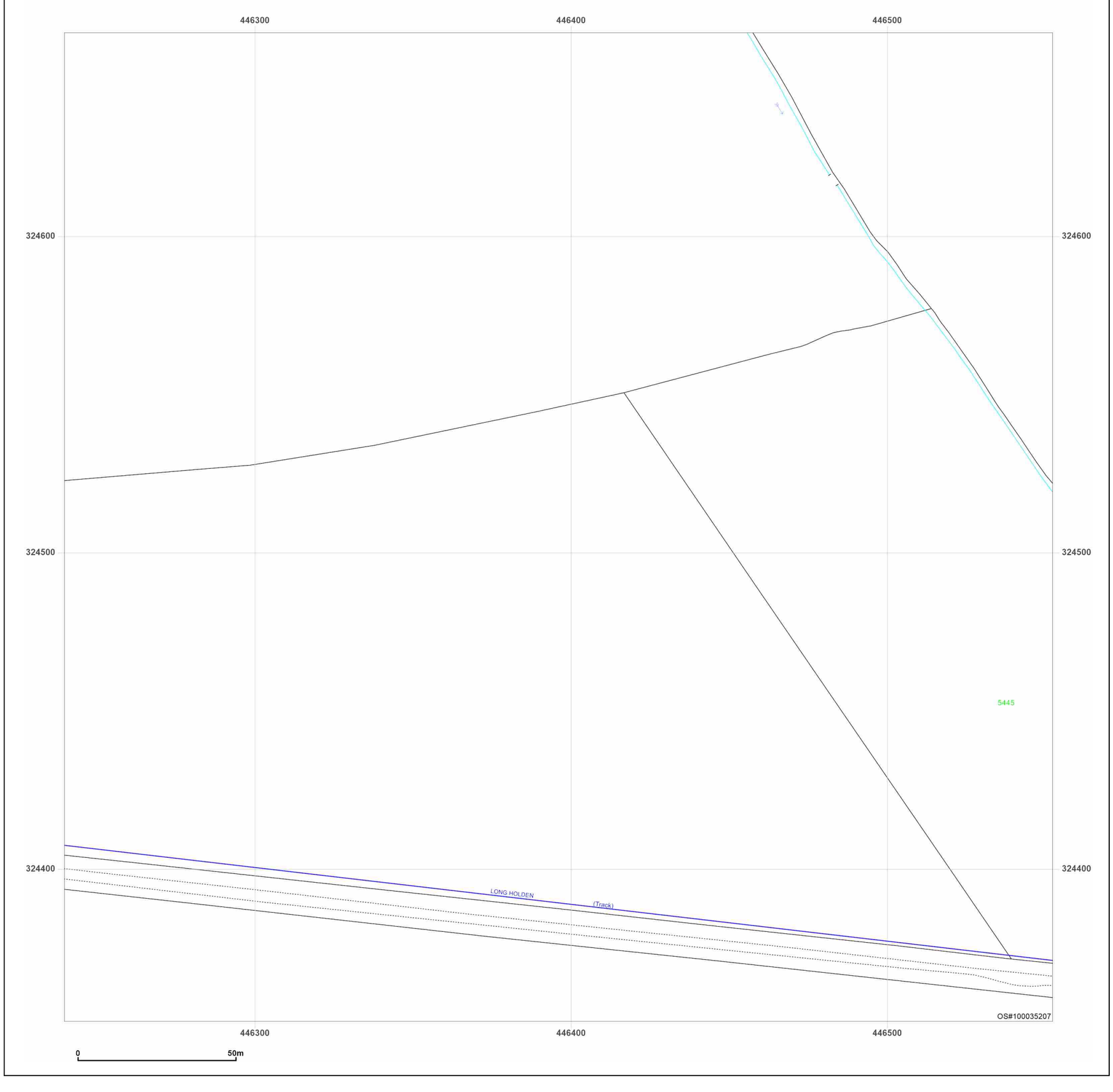

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_7_1
Grid Ref: 446396, 324508

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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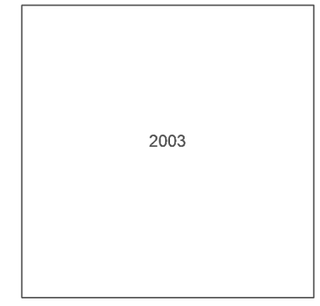

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Production date: 13 December 2024

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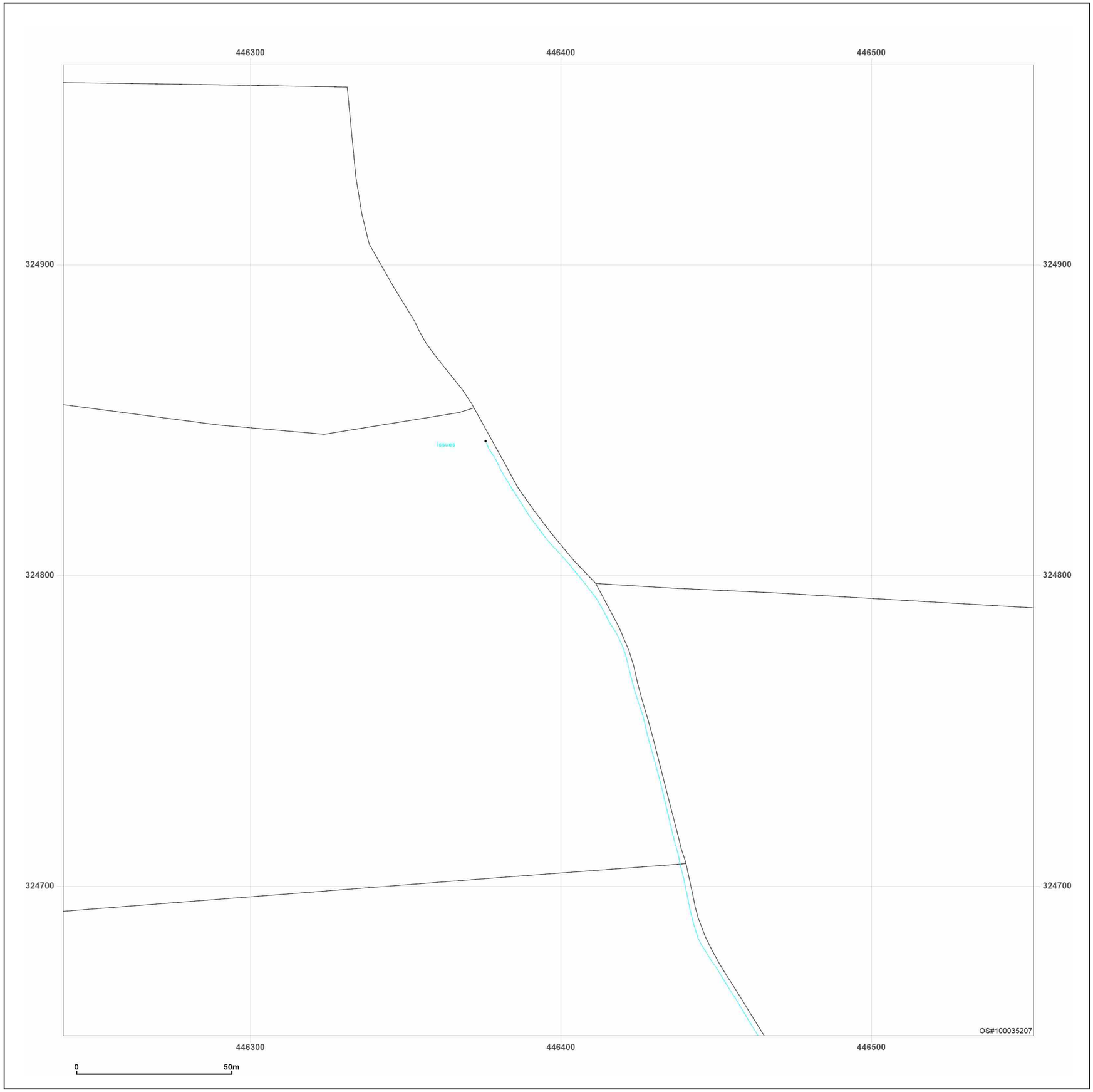

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_7_2
Grid Ref: 446396, 324808

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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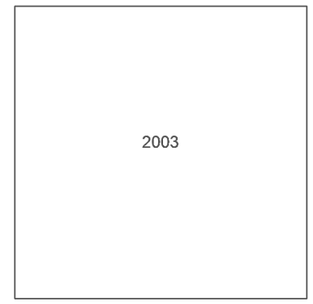

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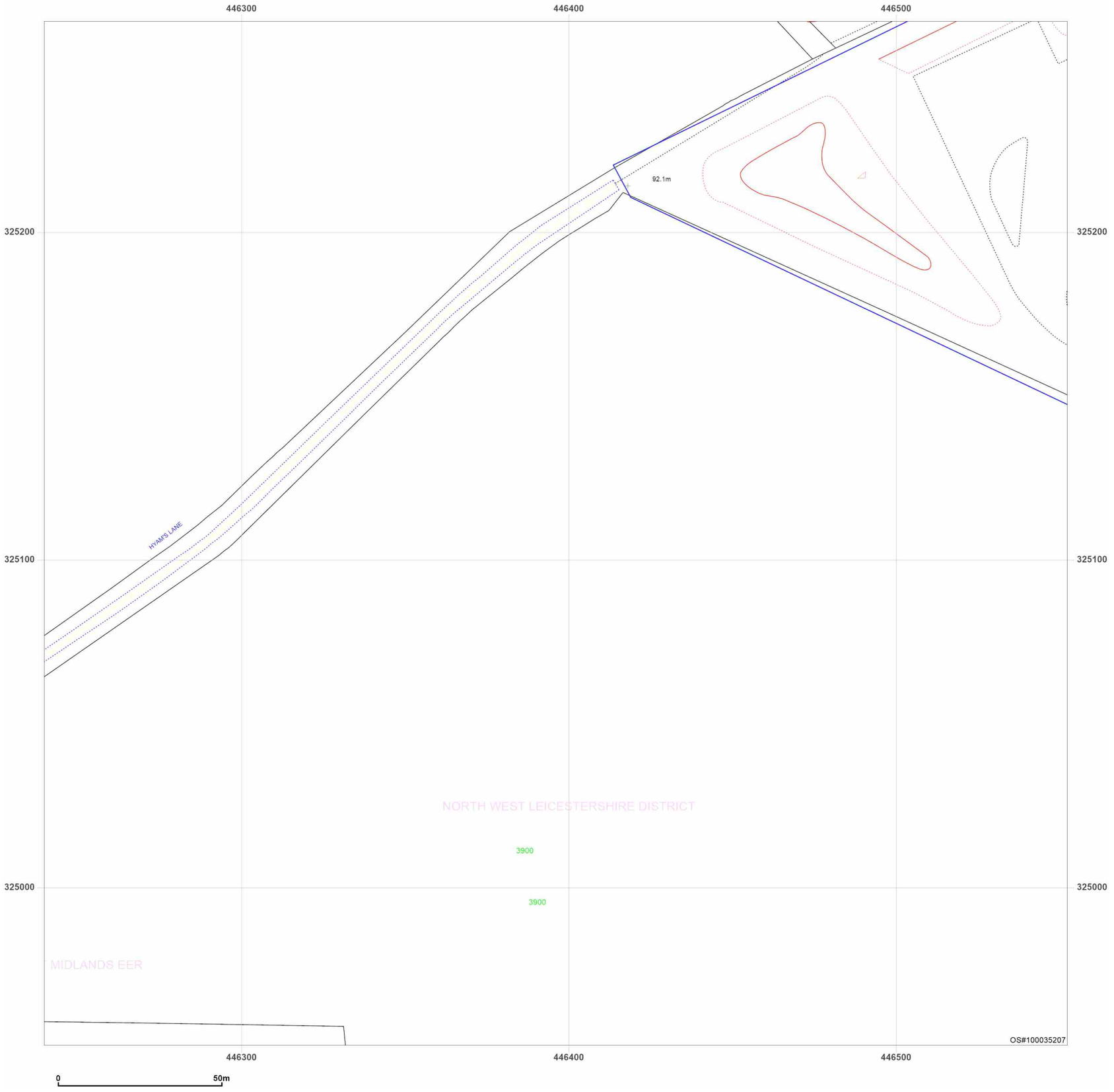

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_7_3
Grid Ref: 446396, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
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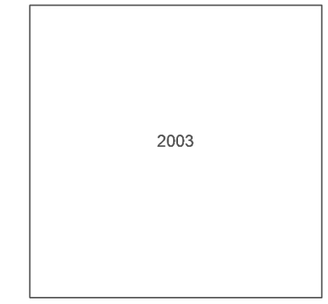

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Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_7_4
Grid Ref: 446396, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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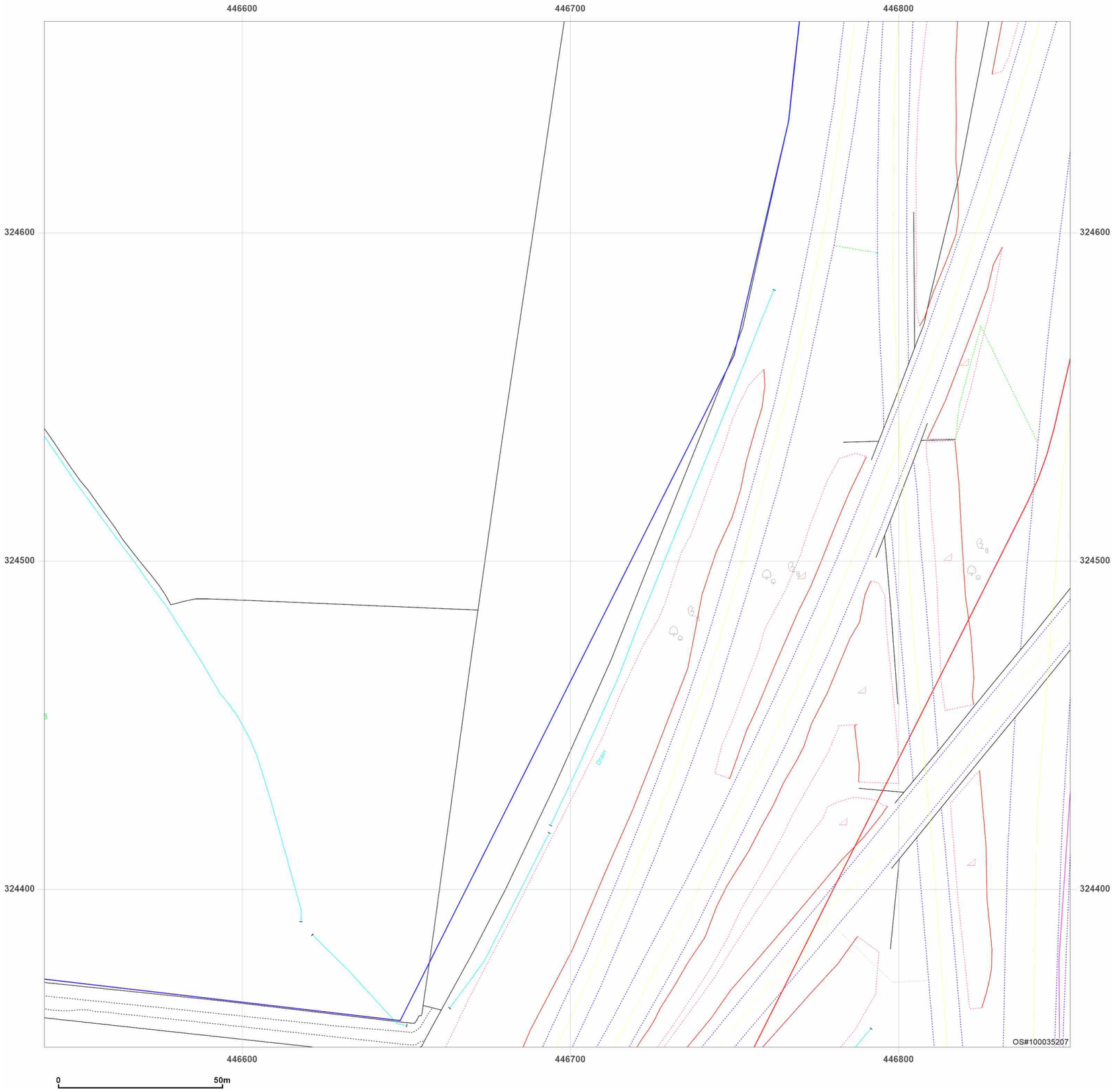

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_8_1
Grid Ref: 446696, 324508

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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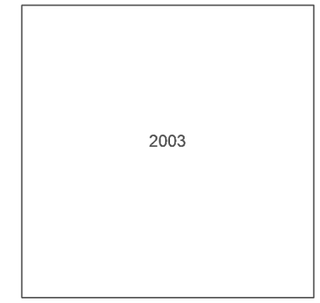

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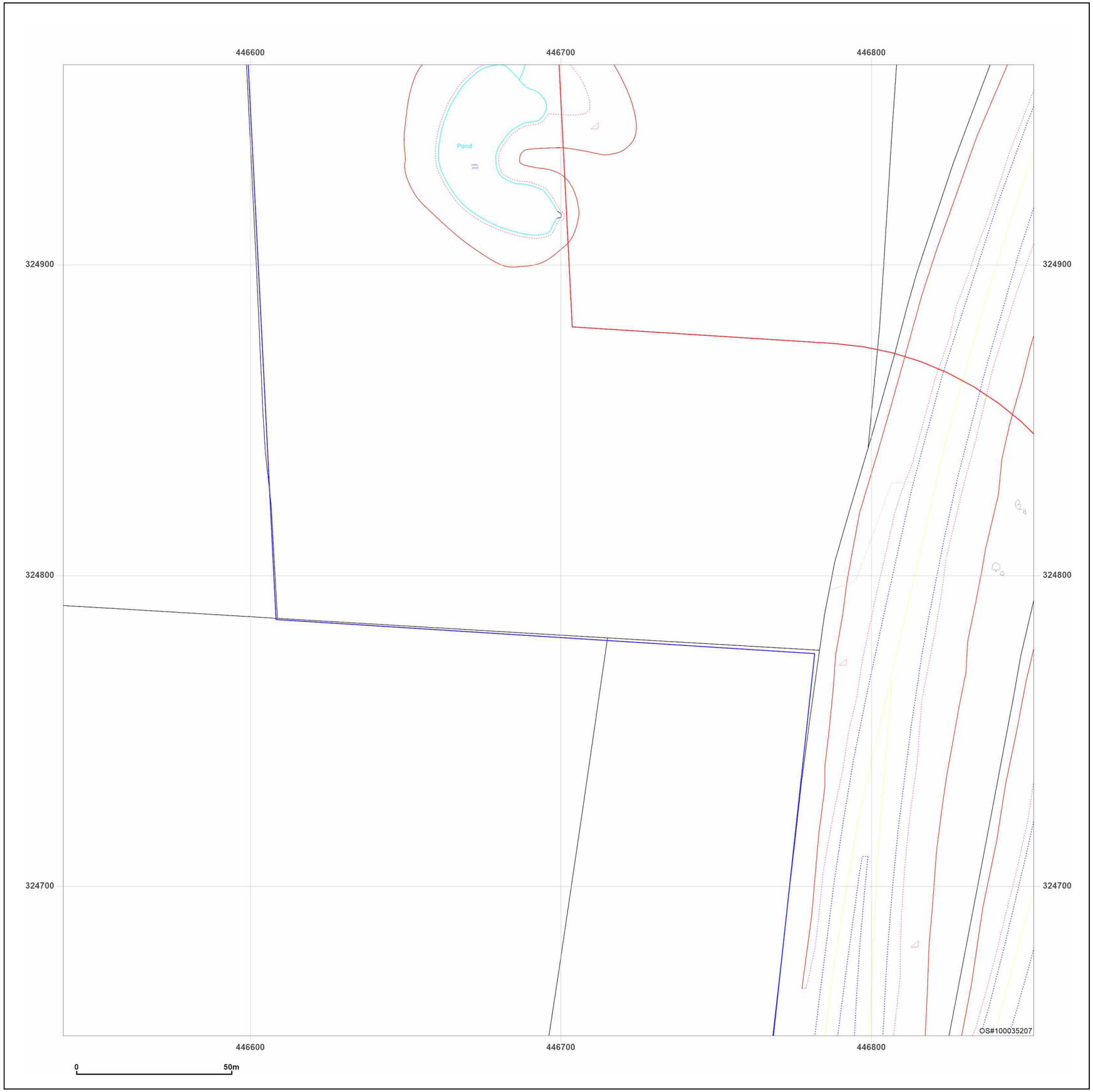
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_8_2
Grid Ref: 446696, 324808

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

N
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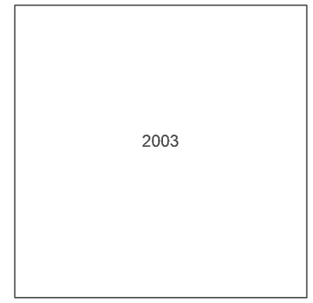

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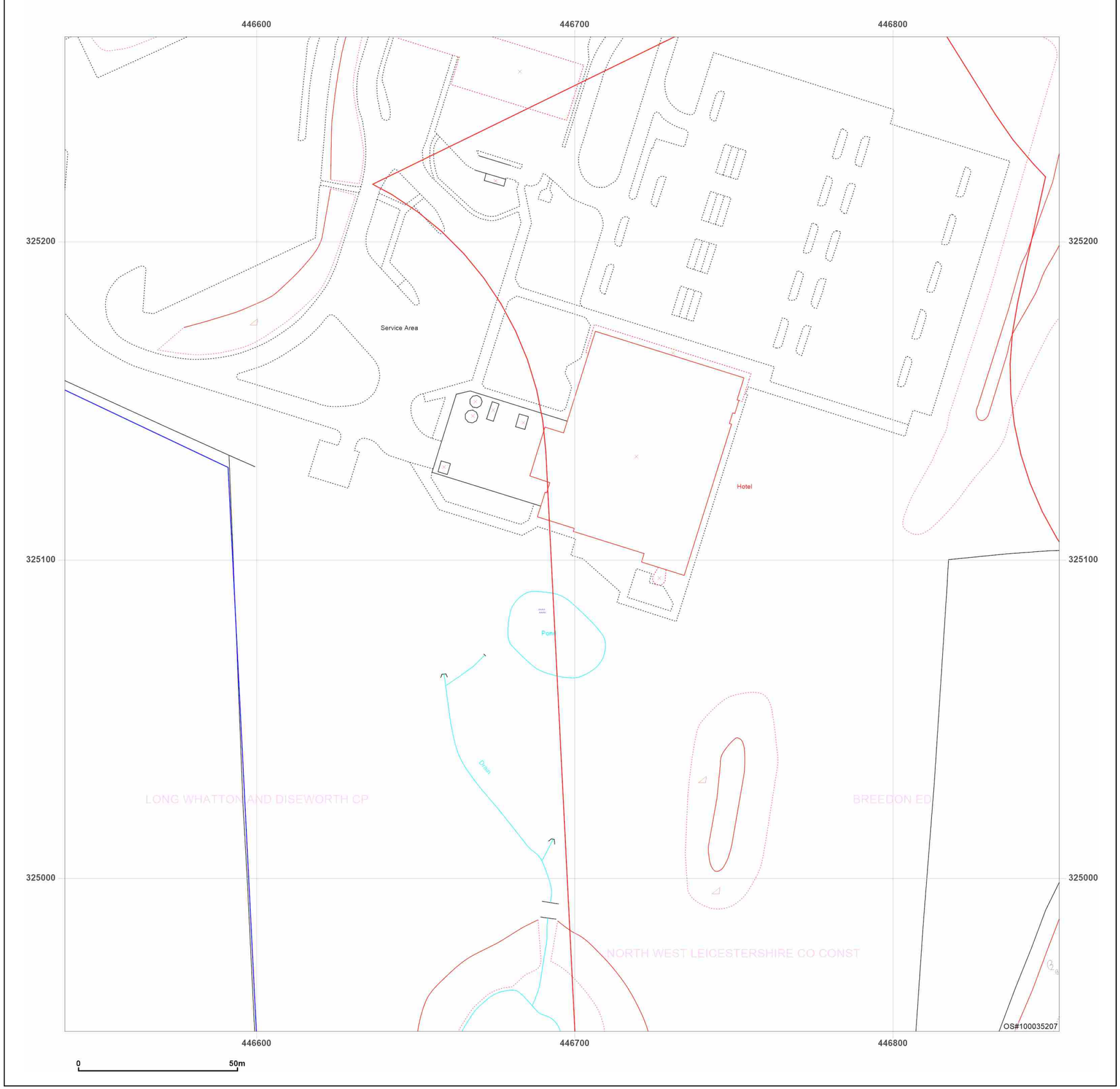
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_8_3
Grid Ref: 446696, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

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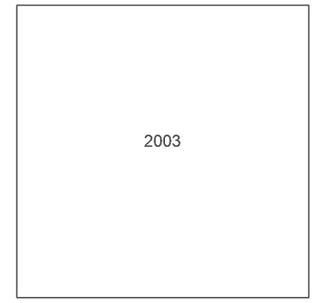

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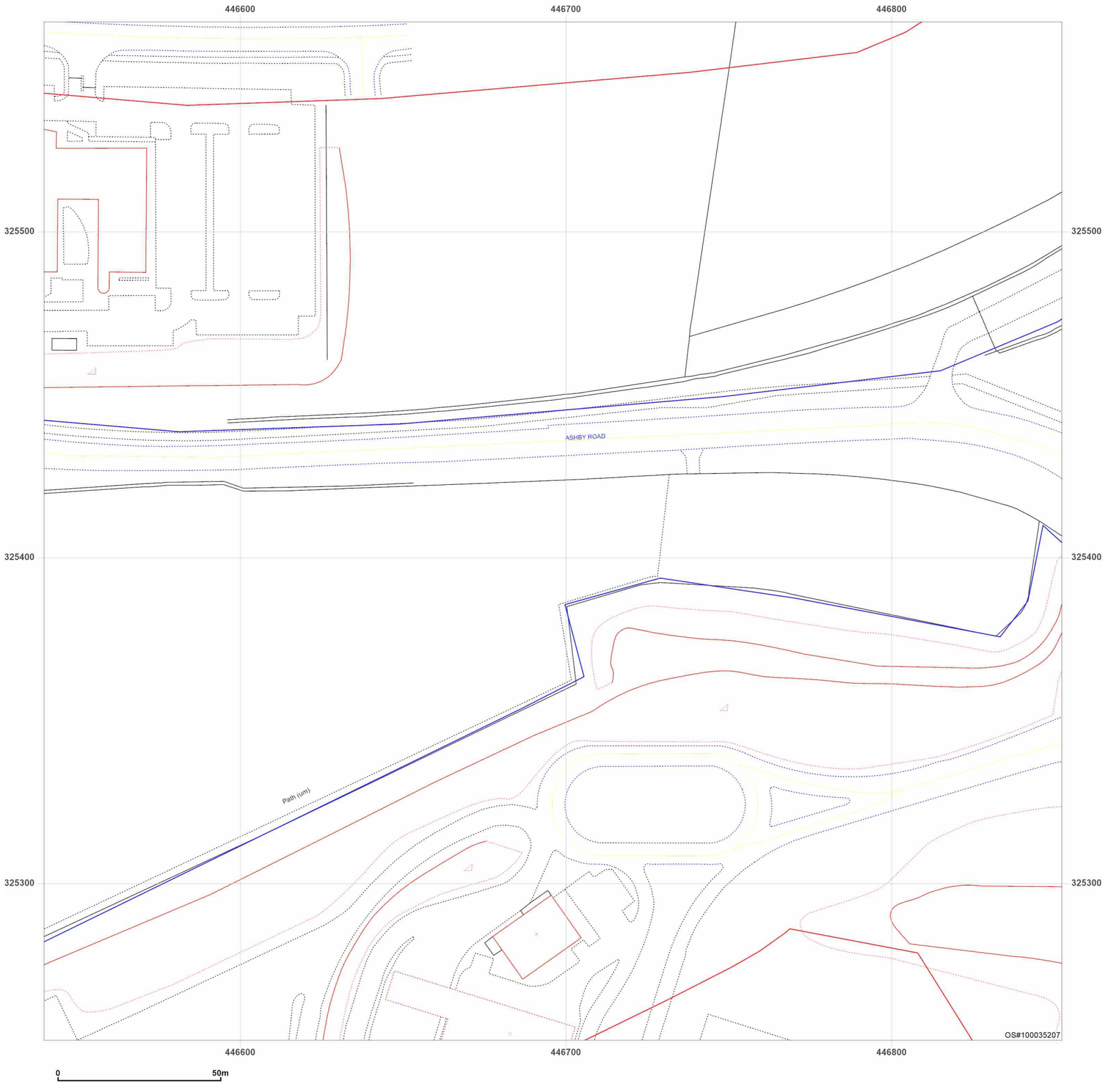
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_8_4
Grid Ref: 446696, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

N
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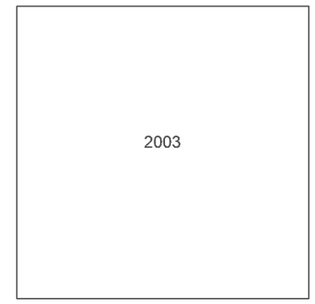

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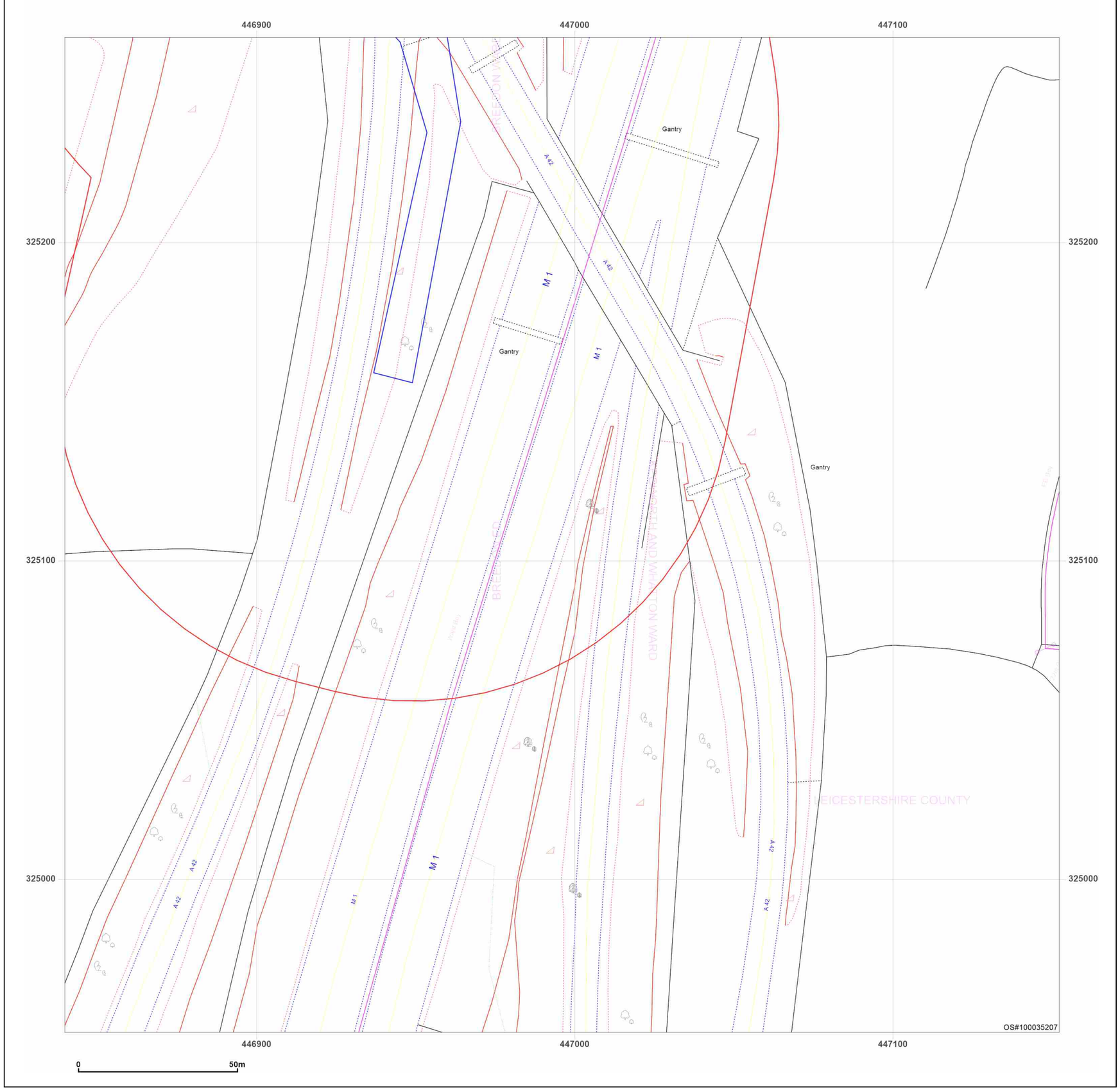
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_9_3
Grid Ref: 446996, 325108

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

N
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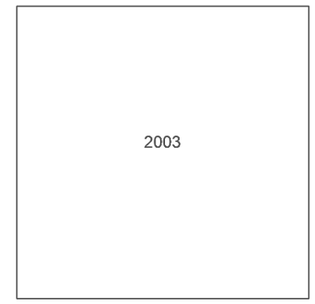

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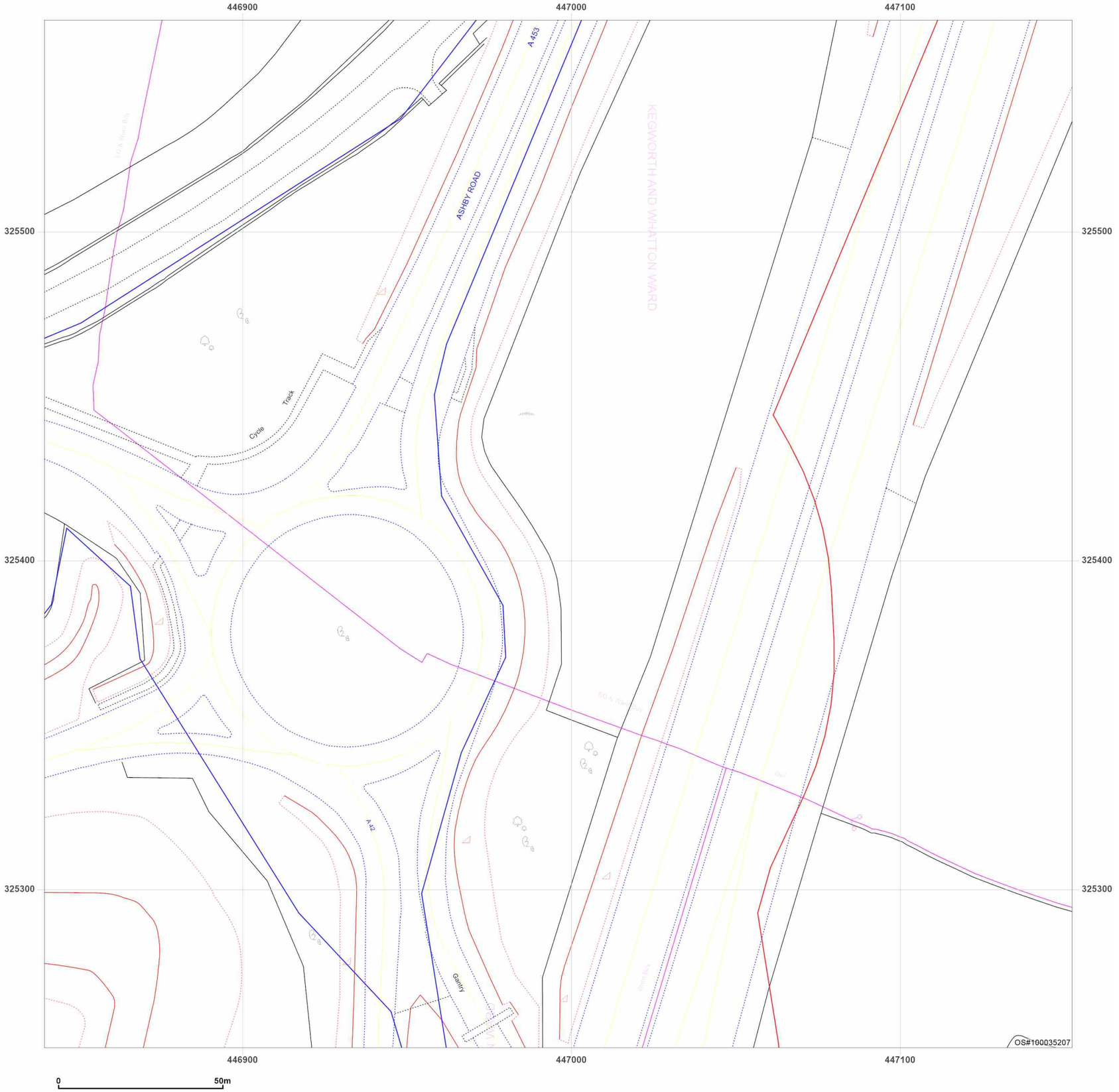
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_9_4
Grid Ref: 446996, 325408

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

N
W E
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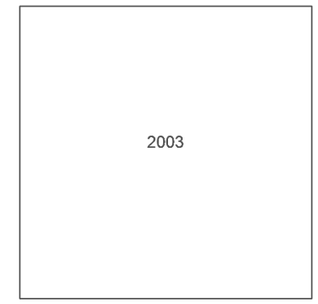

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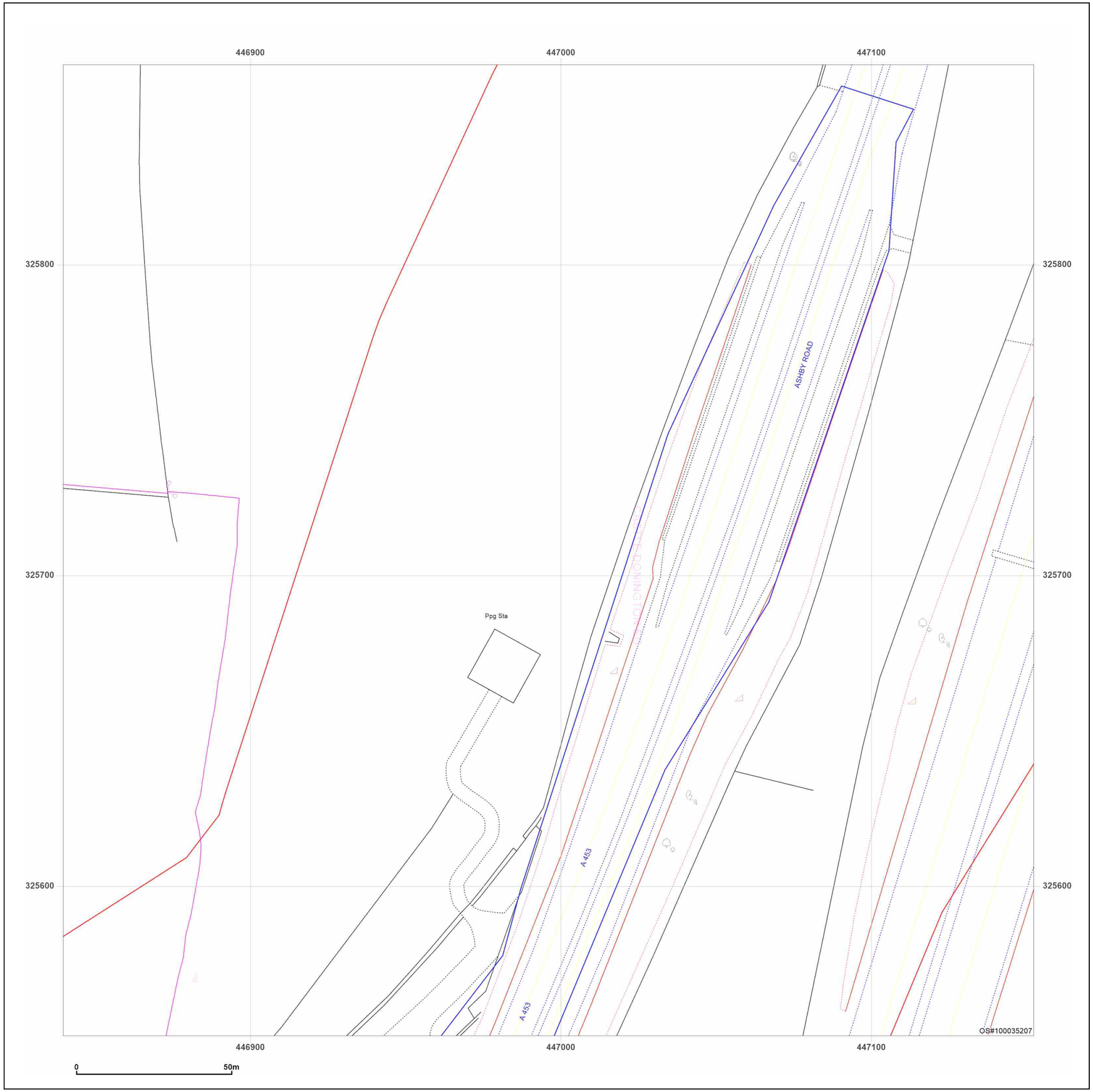
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_Landline_9_5
Grid Ref: 446996, 325708

Map Name: LandLine
Map date: **2003**
Scale: 1:1,250
Printed at: 1:1,250

N
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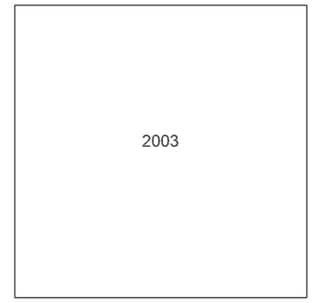
S



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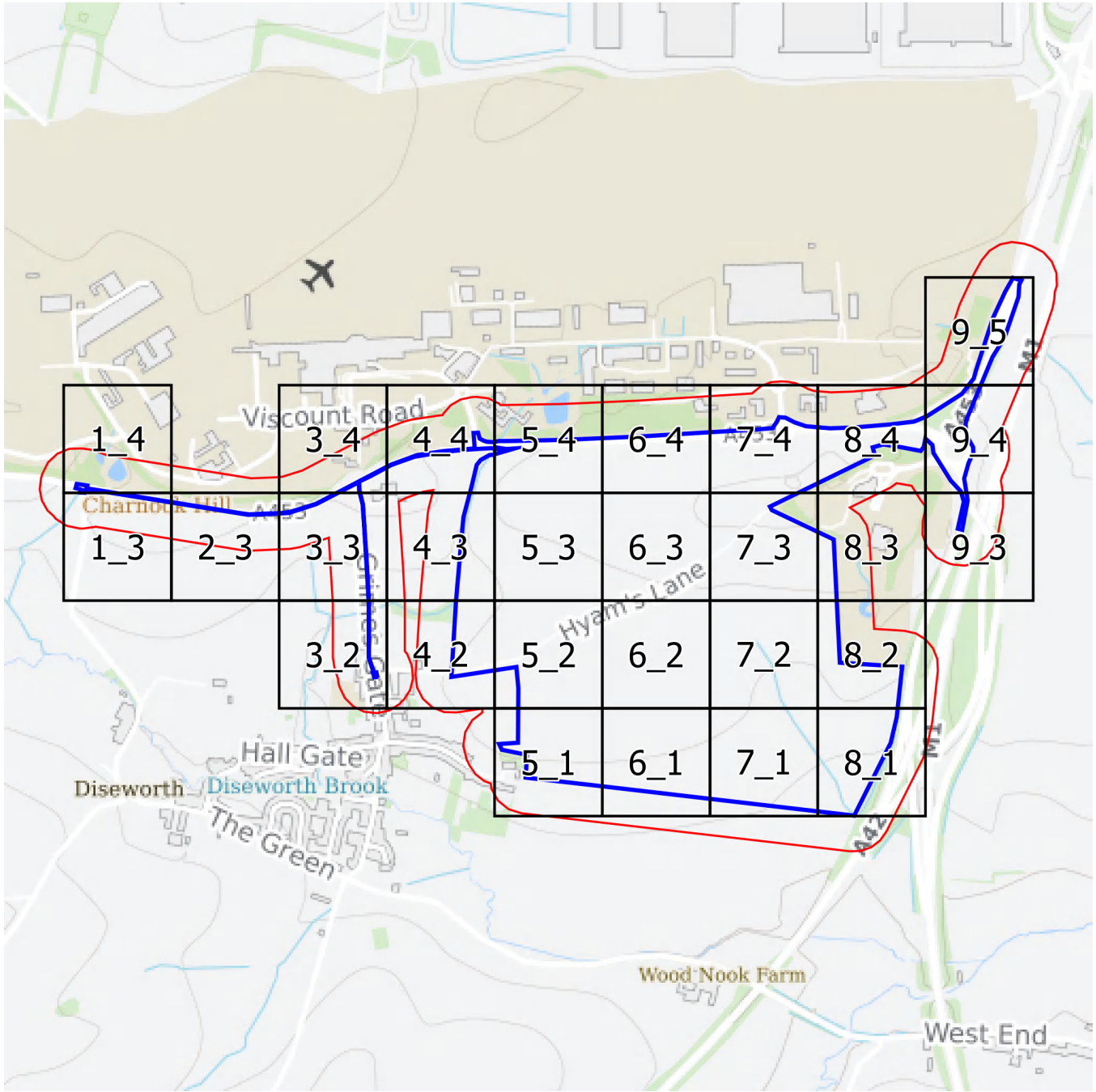
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Landline Scale Grid Index

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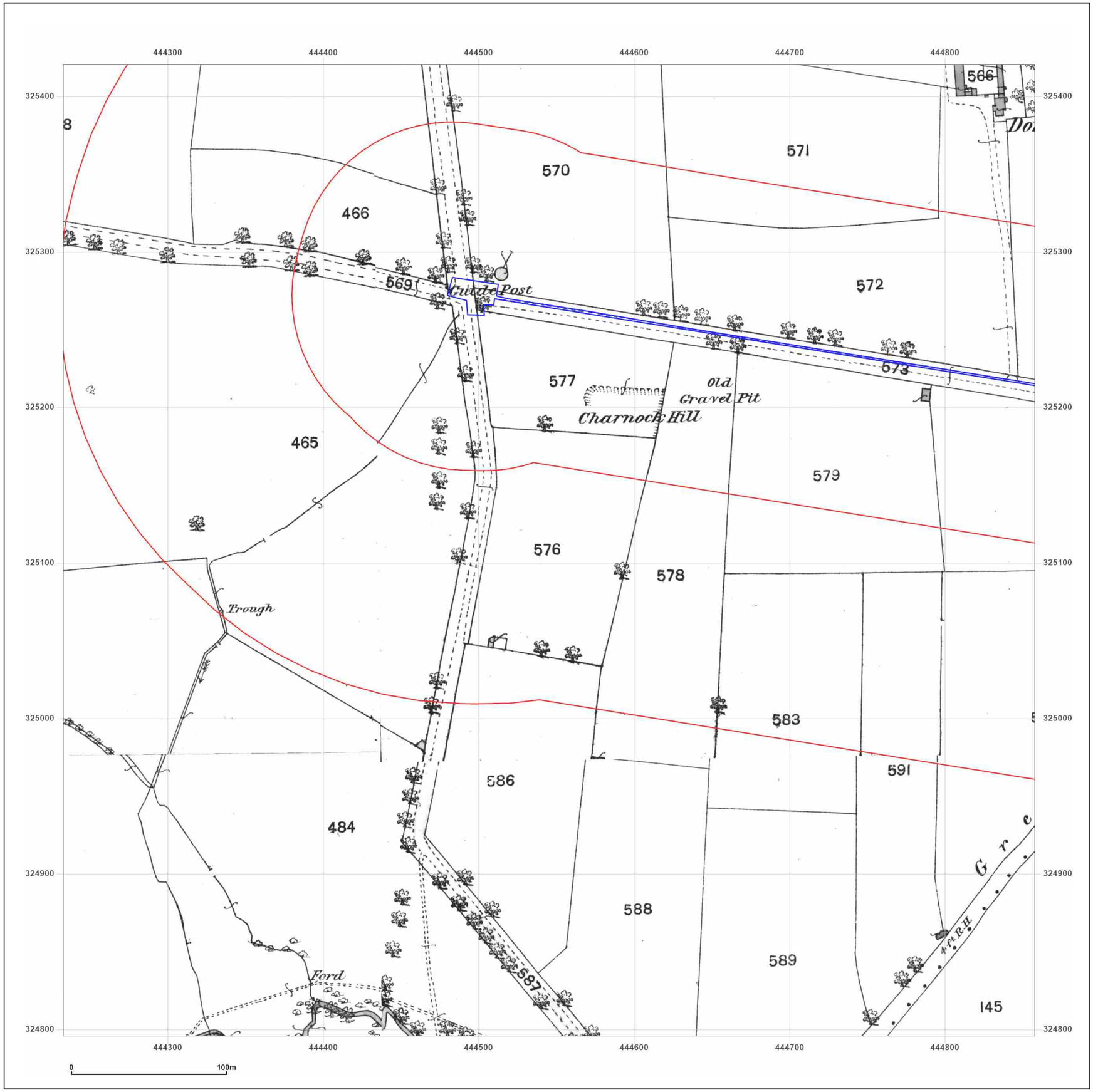


Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: County Series

Map date: **1882-1884**

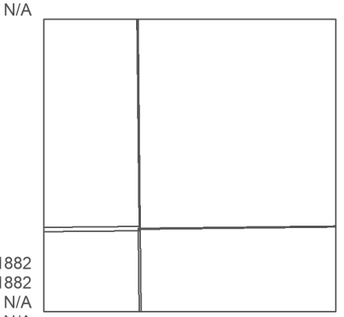
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1882
Revised 1882
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1882
Revised 1882
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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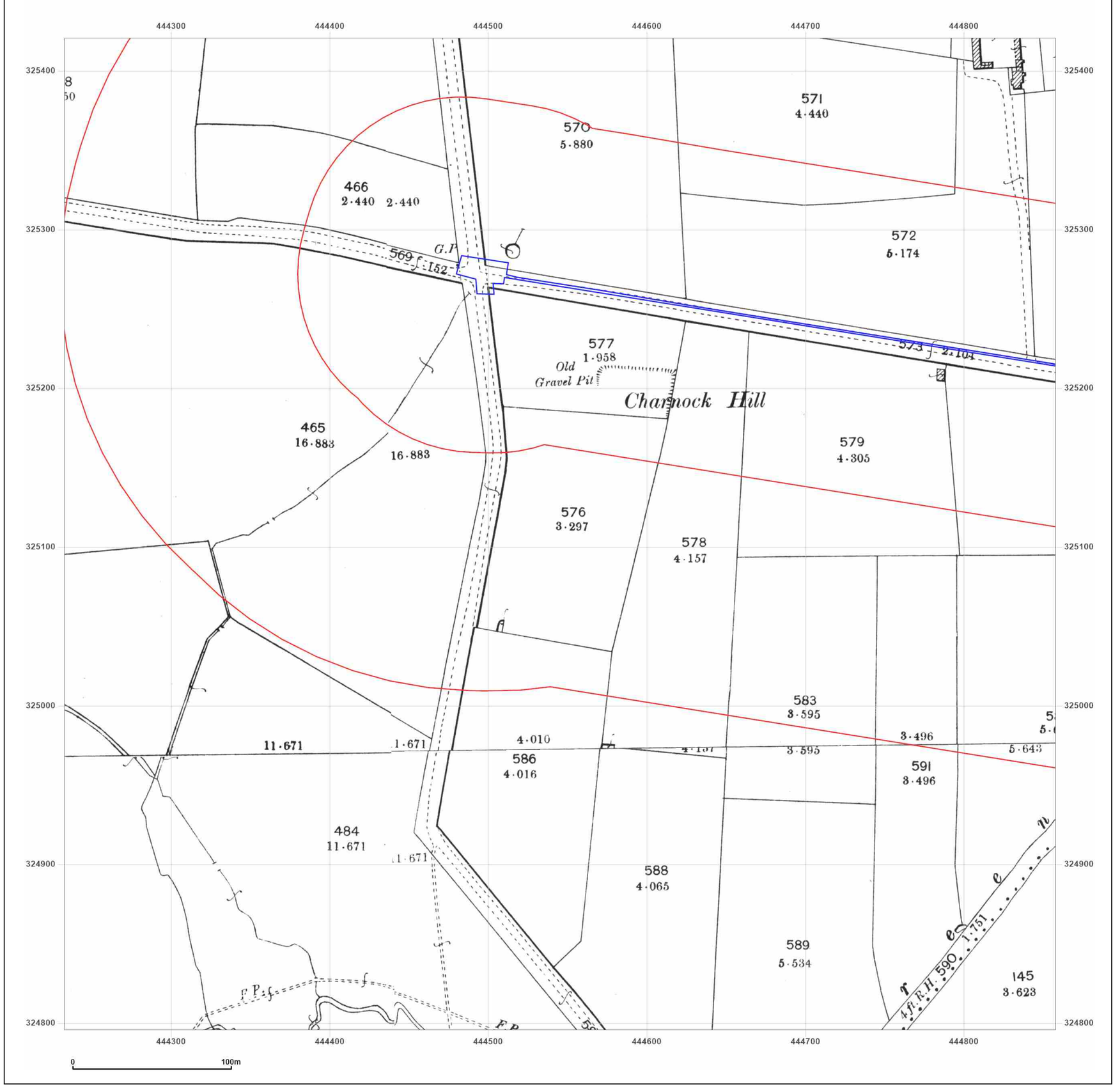
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: County Series

Map date: **1902-1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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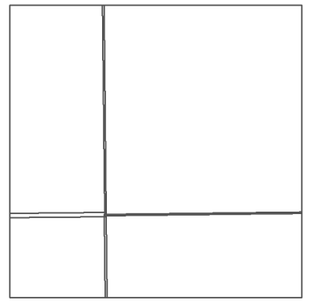
Surveyed 1902
Revised 1902
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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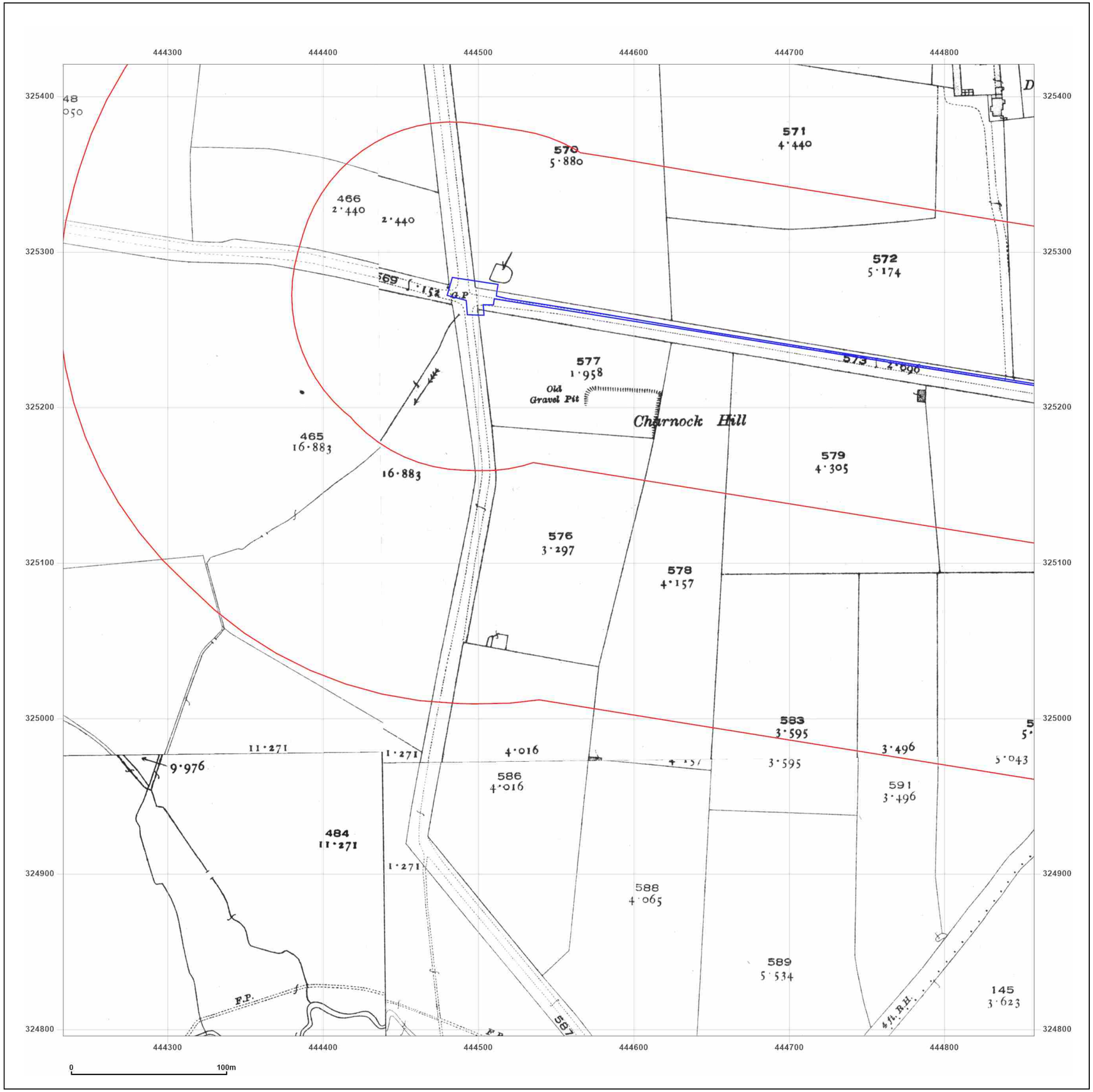
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: County Series
Map date: **1921-1923**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
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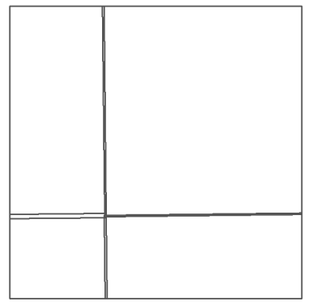
Surveyed 1923
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1923
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
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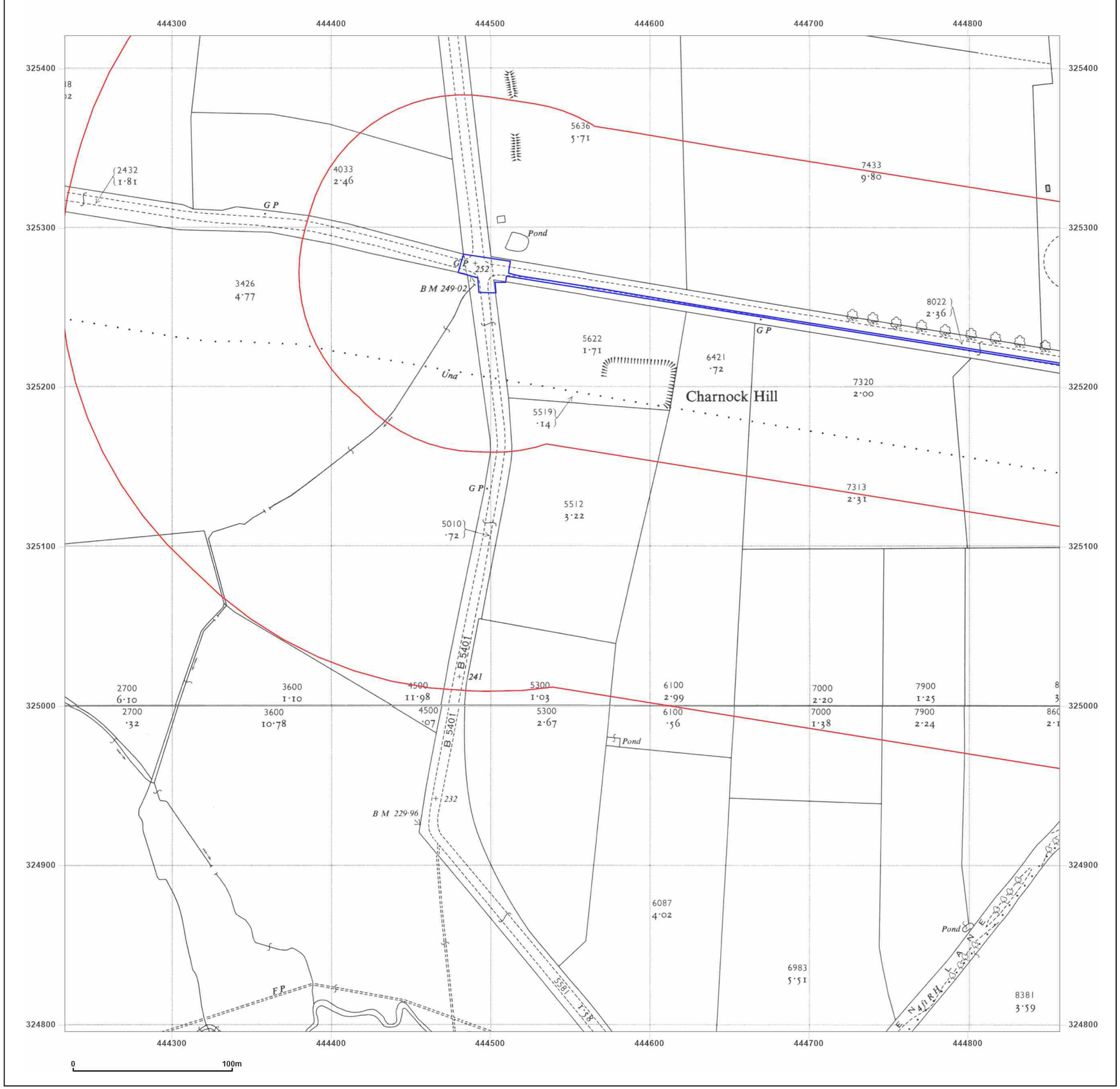
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1948

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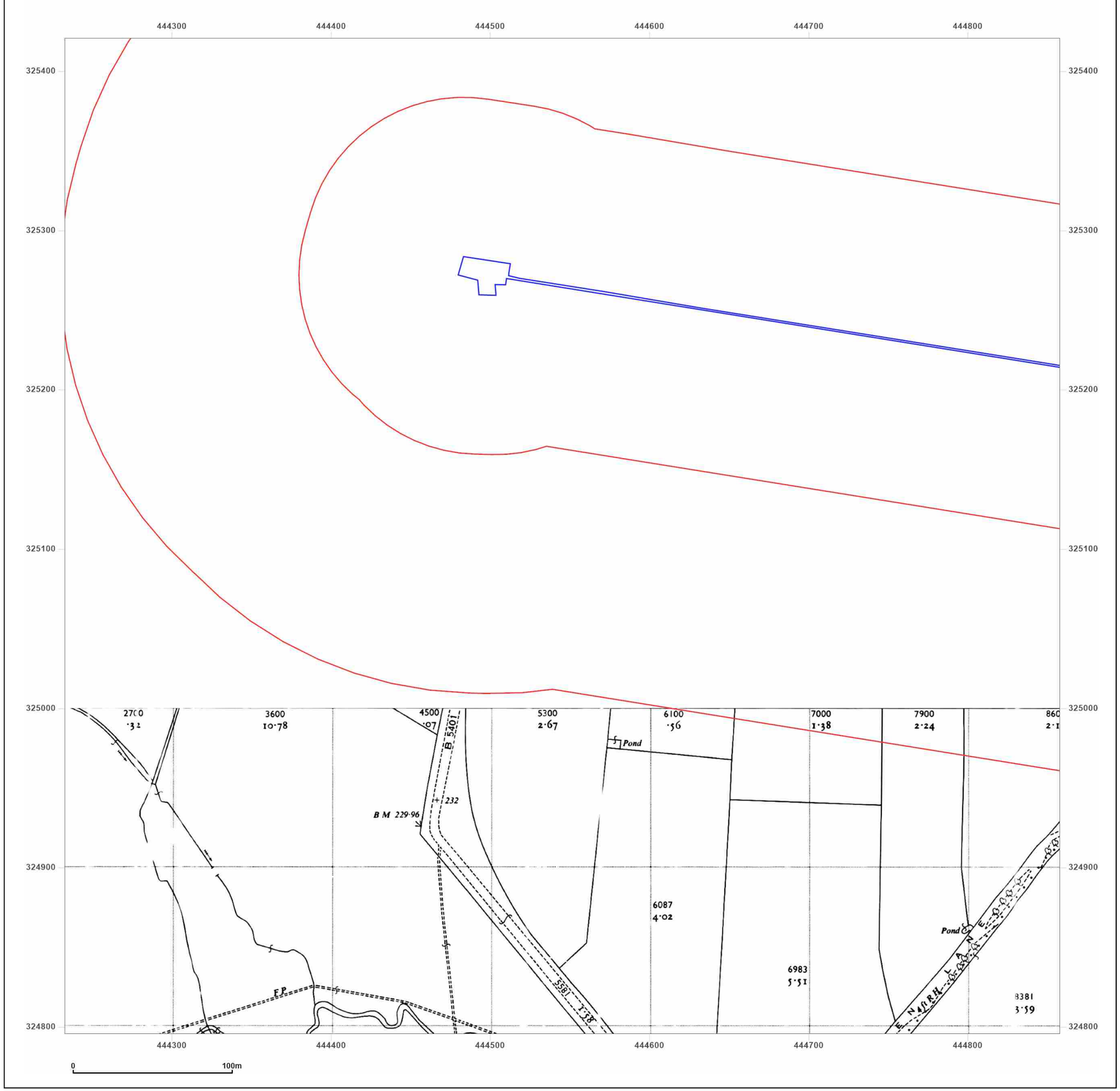
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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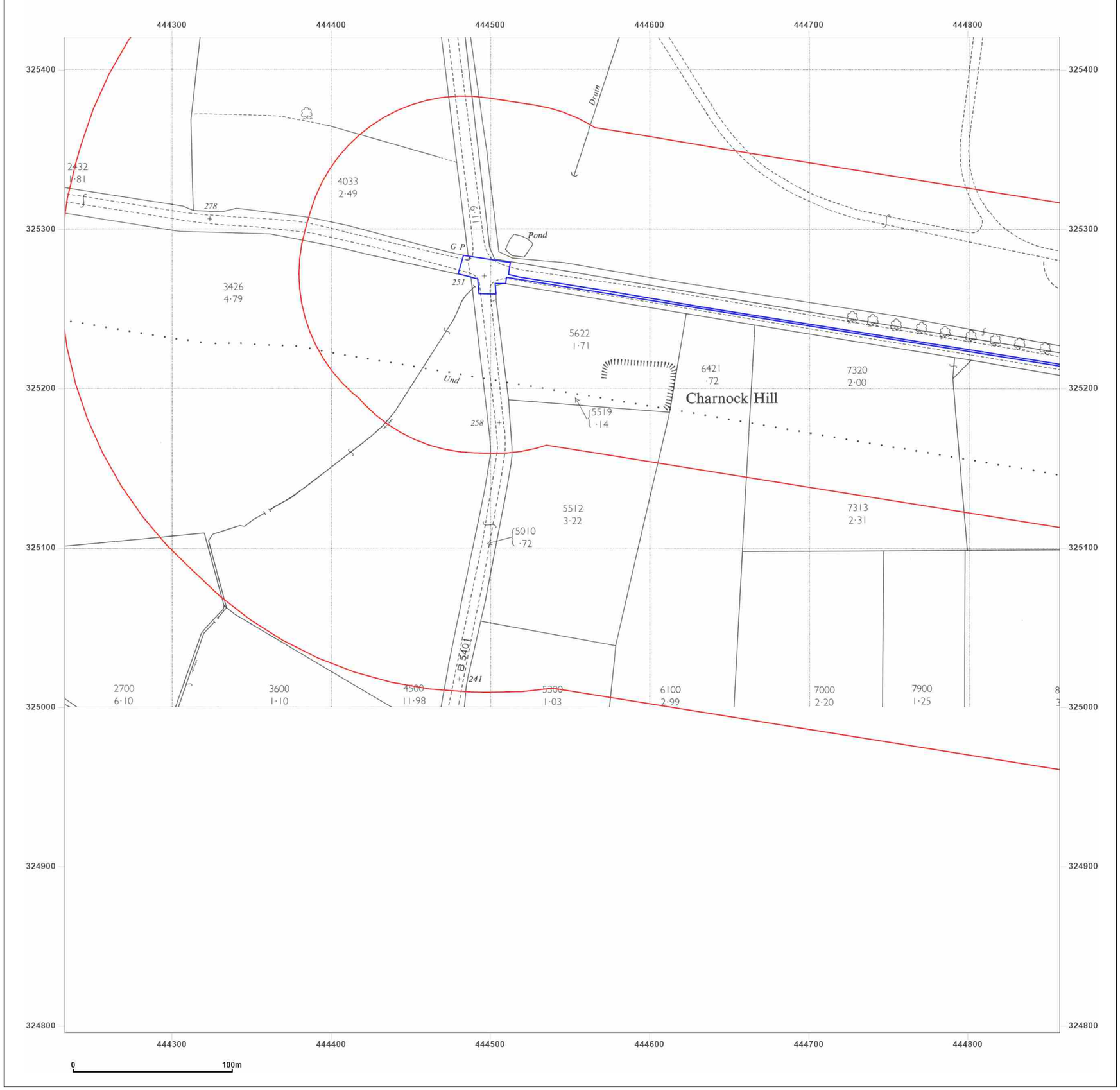
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1969**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

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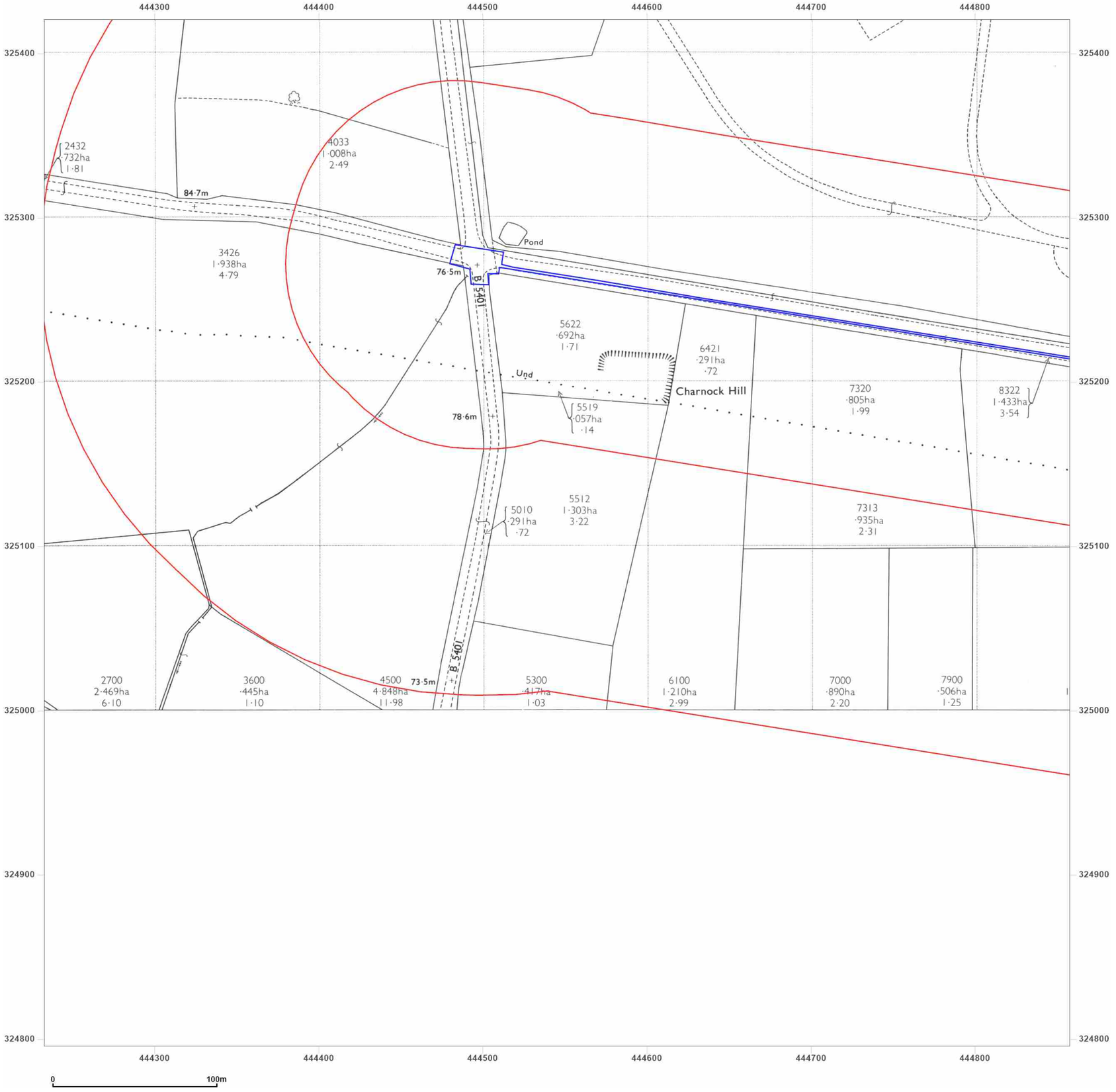
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

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Surveyed N/A
Revised 1971
Edition N/A
Copyright 1971
Levelled 1966

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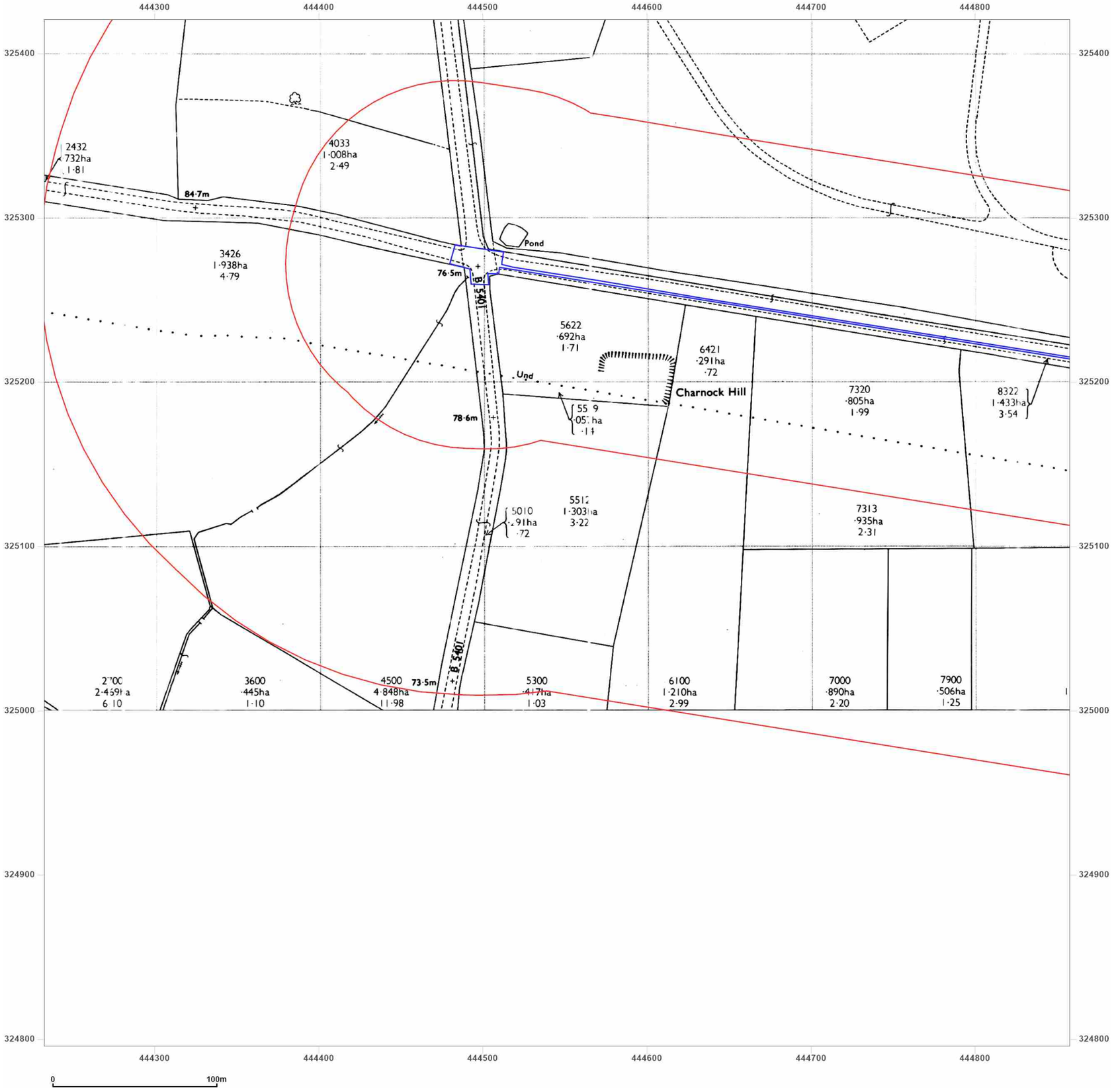
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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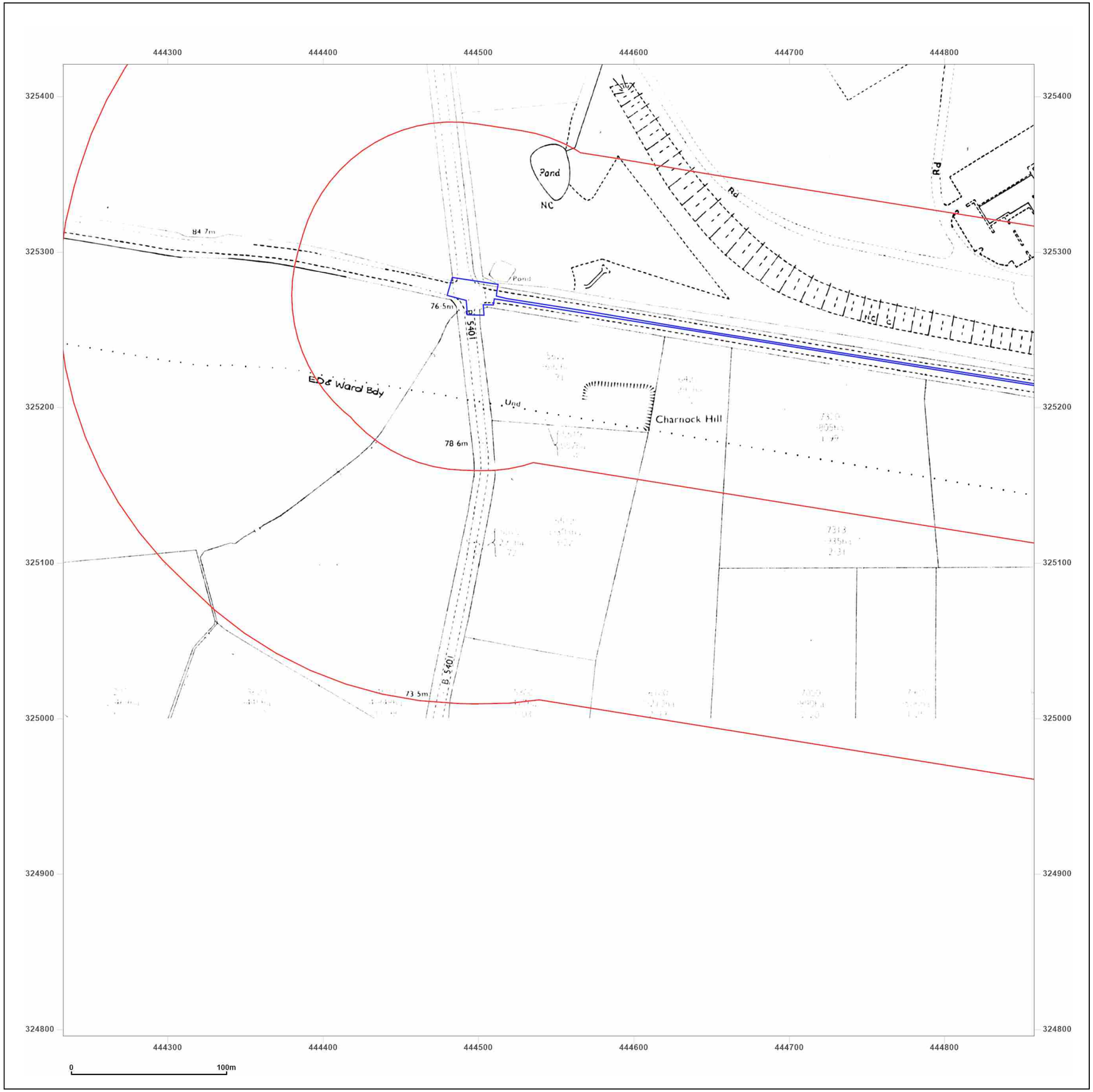
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1984**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1966
Revised 1993
Edition N/A
Copyright 1993
Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1989-1993**

Scale: 1:2,500

Printed at: 1:2,500

N
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Surveyed 1966
Revised 1989
Edition N/A
Copyright 1989
Levelled 1966

Surveyed 1993
Revised 1993
Edition N/A
Copyright 1993
Levelled N/A

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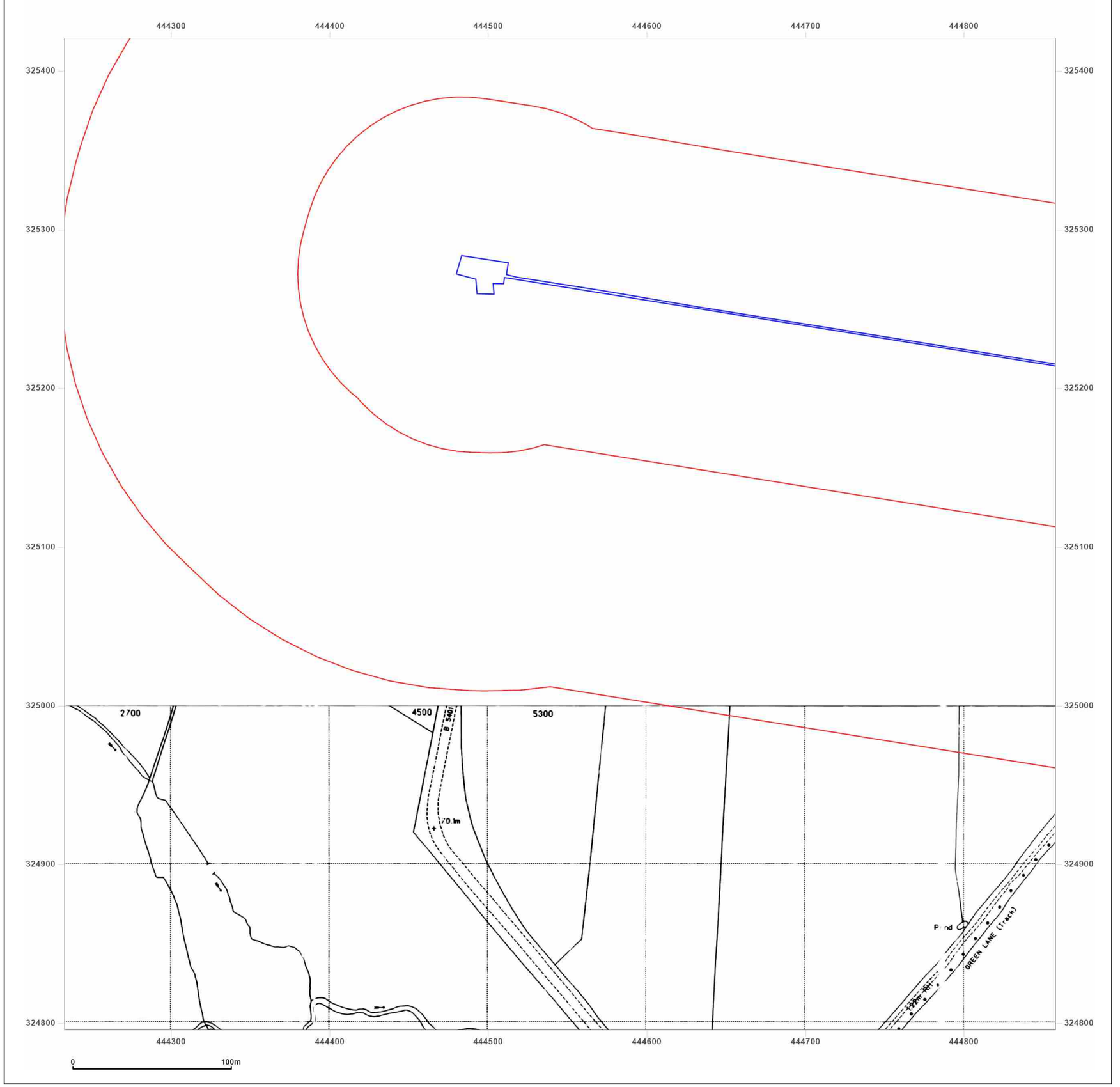
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_1_2
Grid Ref: 444545, 325108

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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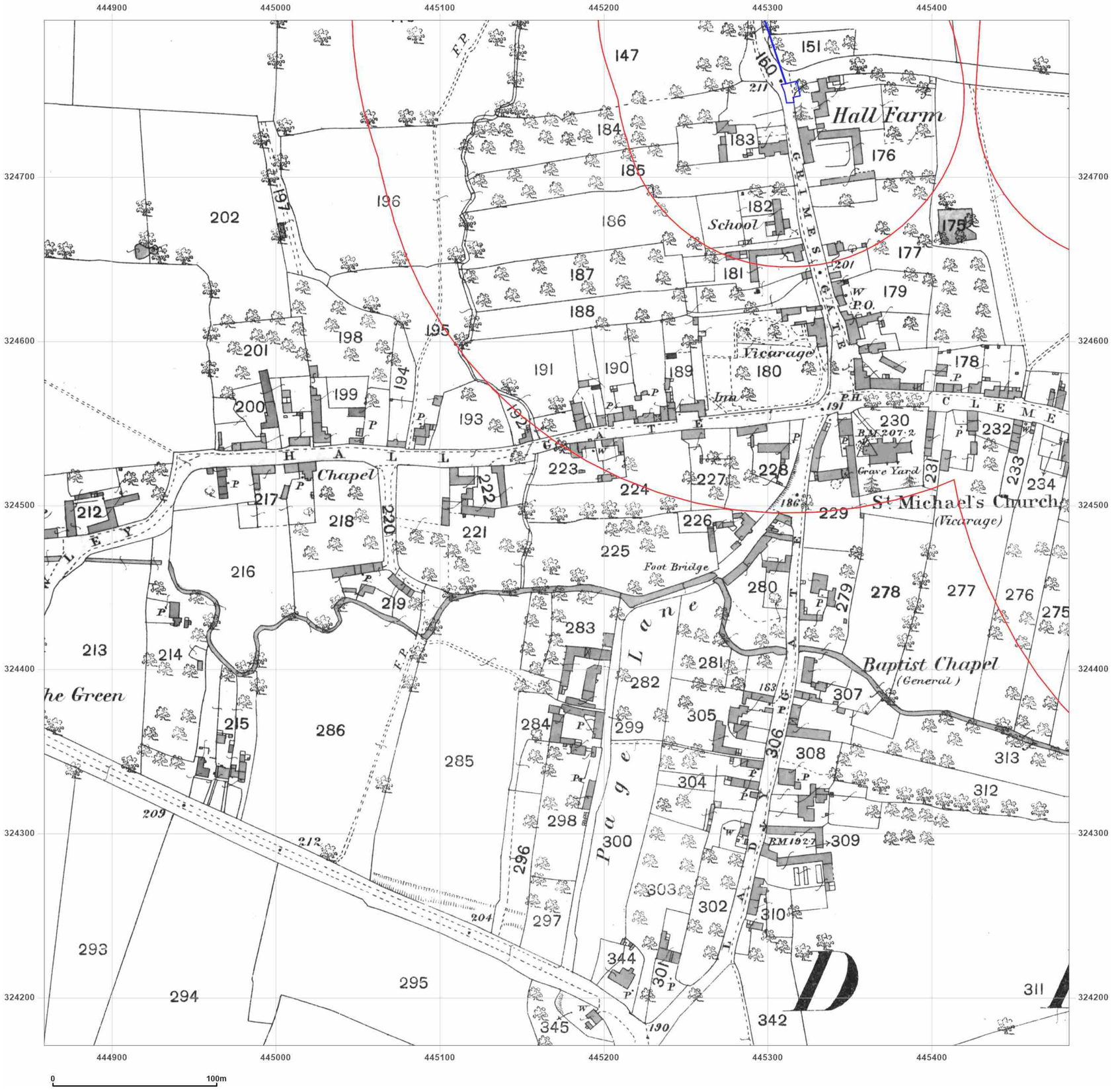
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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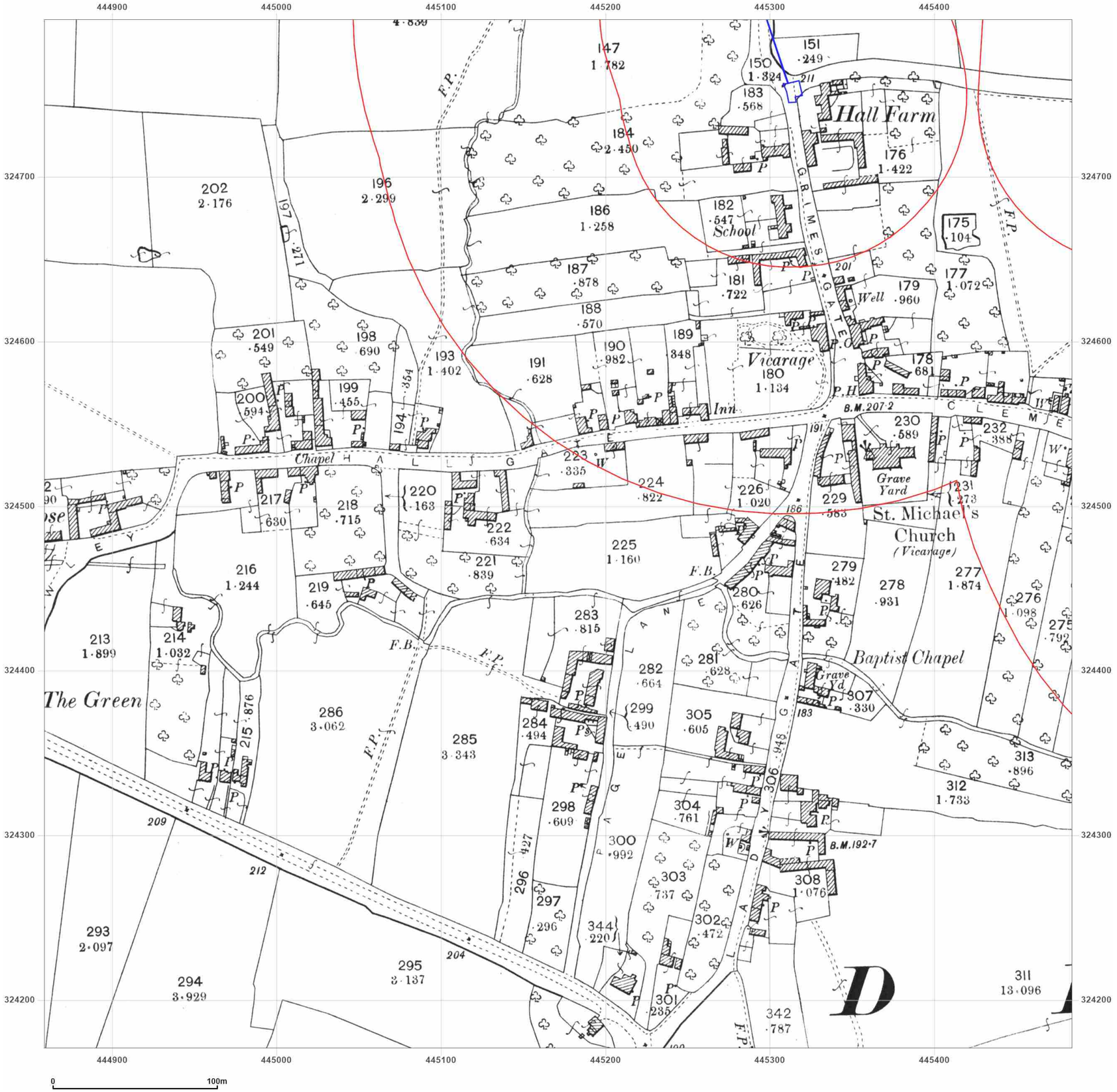
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: County Series

Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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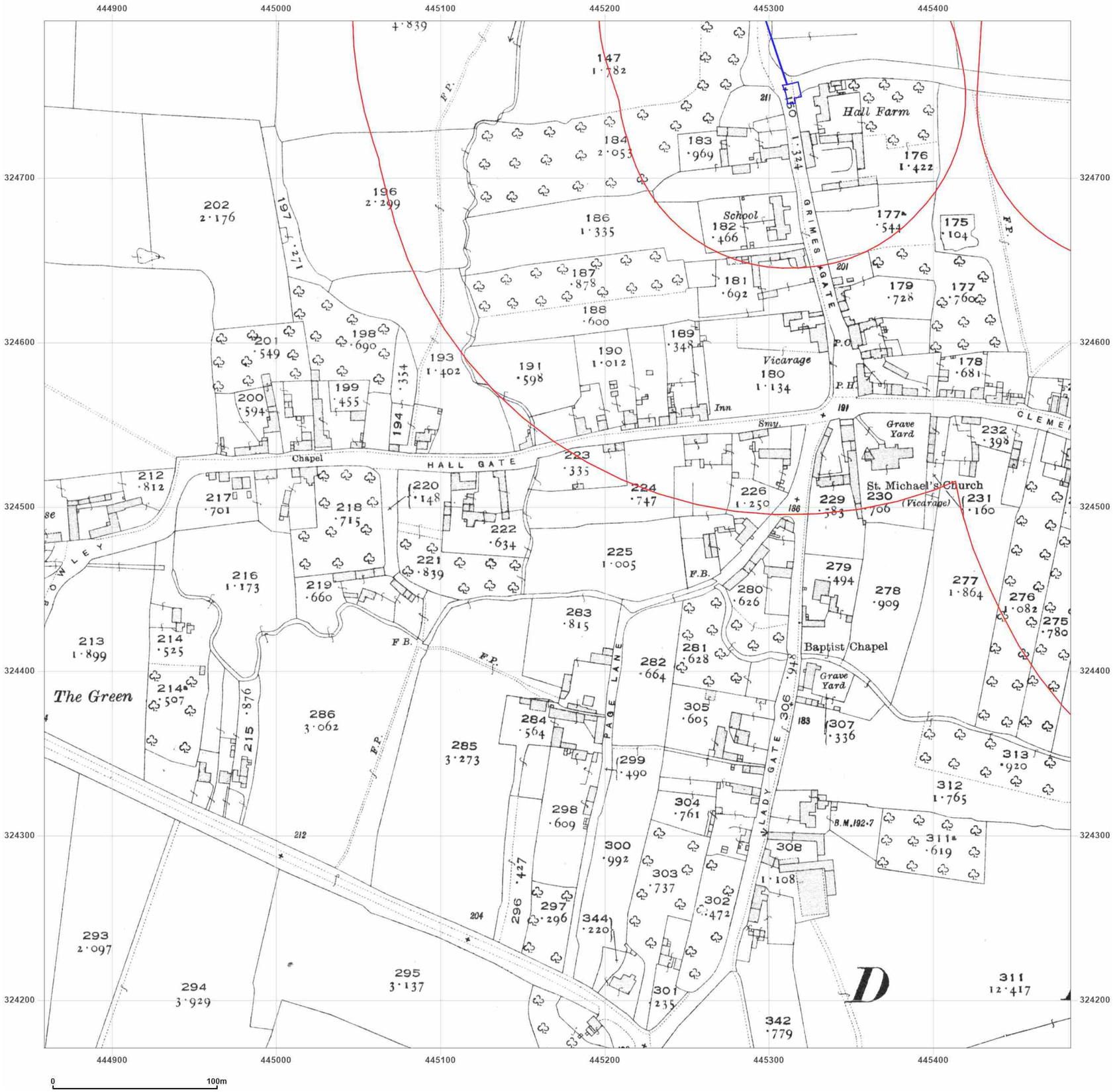
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1948

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1980**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1978
Revised 1978
Edition N/A
Copyright 1980
Levelled 1966

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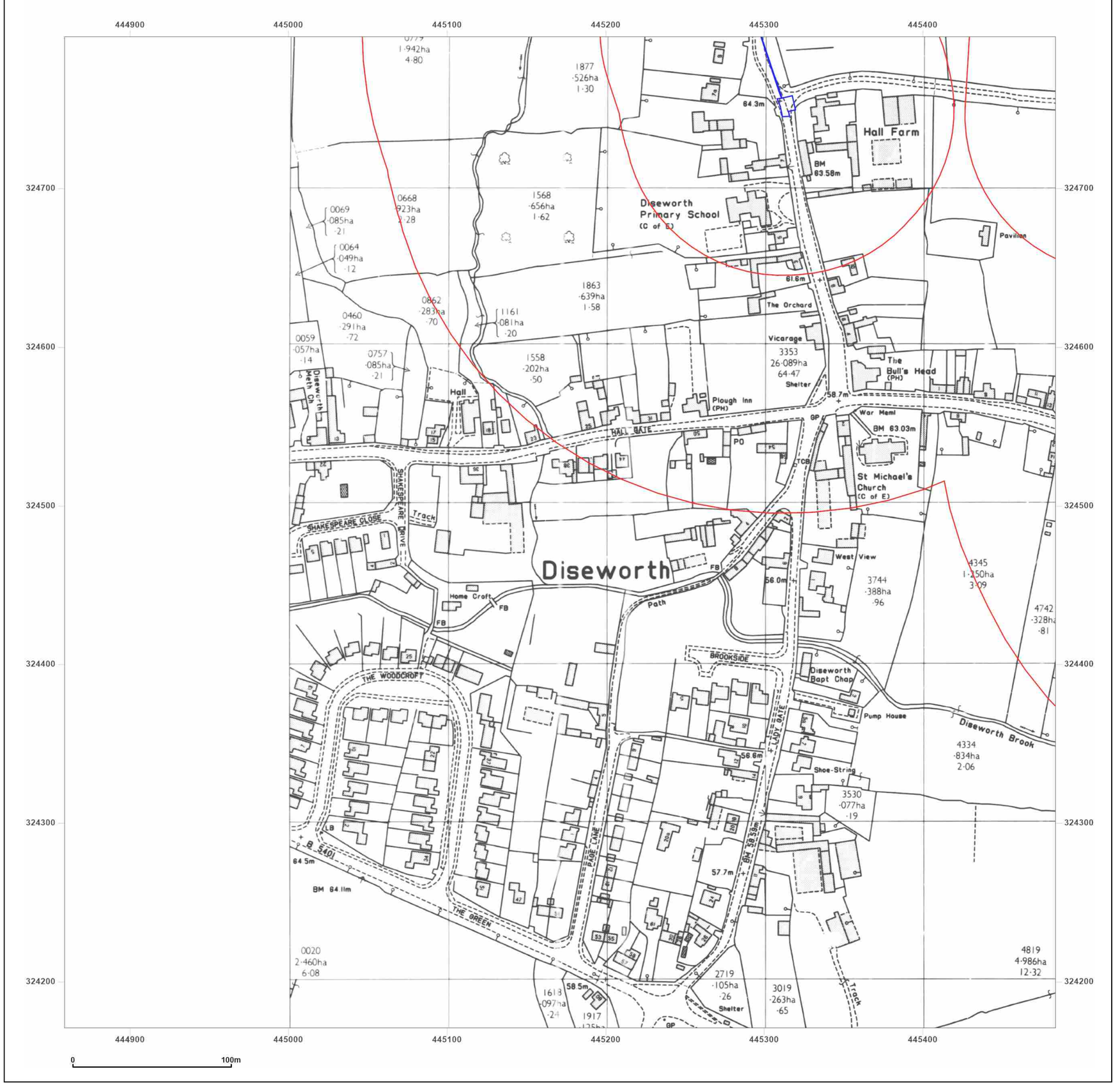
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1980**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1980
Revised 1980
Edition N/A
Copyright N/A
Levelled N/A

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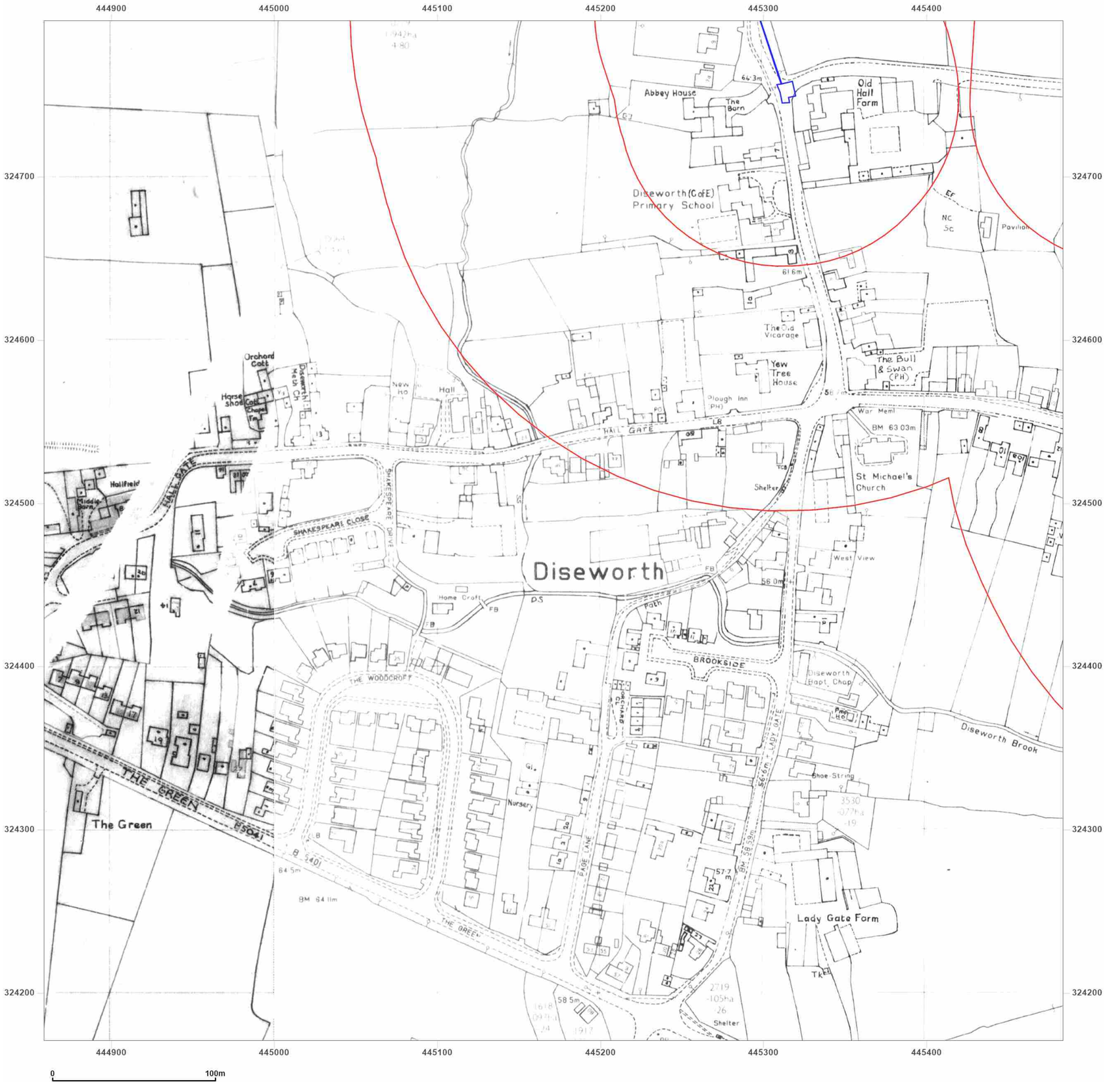
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1992-1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966	Surveyed 1966
Revised 1993	Revised 1992
Edition N/A	Edition N/A
Copyright 1993	Copyright 1992
Levelled 1966	Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_1
Grid Ref: 445171, 324483

Map Name: National Grid

Map date: **1993-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1993	Surveyed N/A
Revised 1993	Revised N/A
Edition N/A	Edition N/A
Copyright 1993	Copyright 1994
Levelled N/A	Levelled N/A

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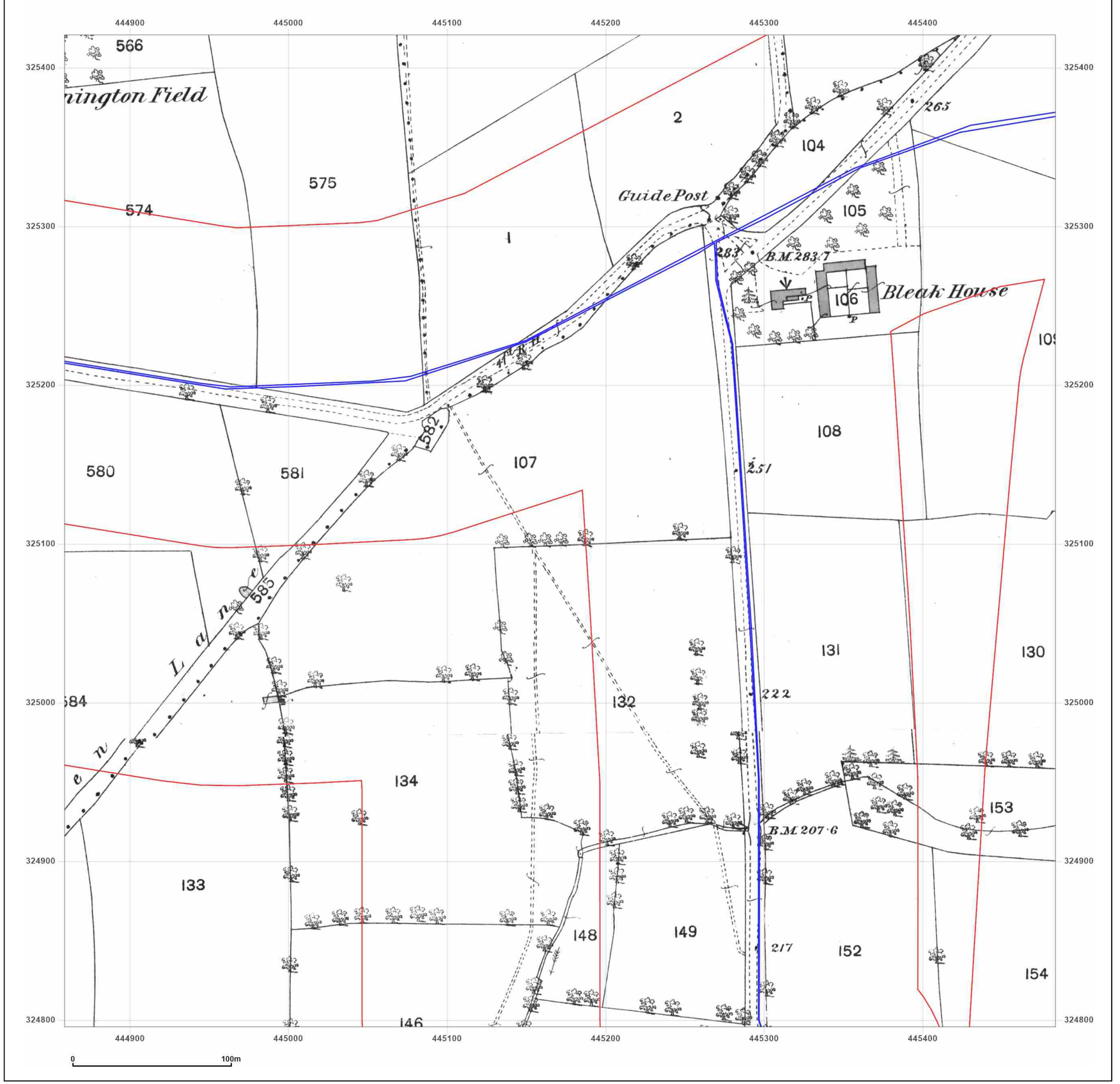

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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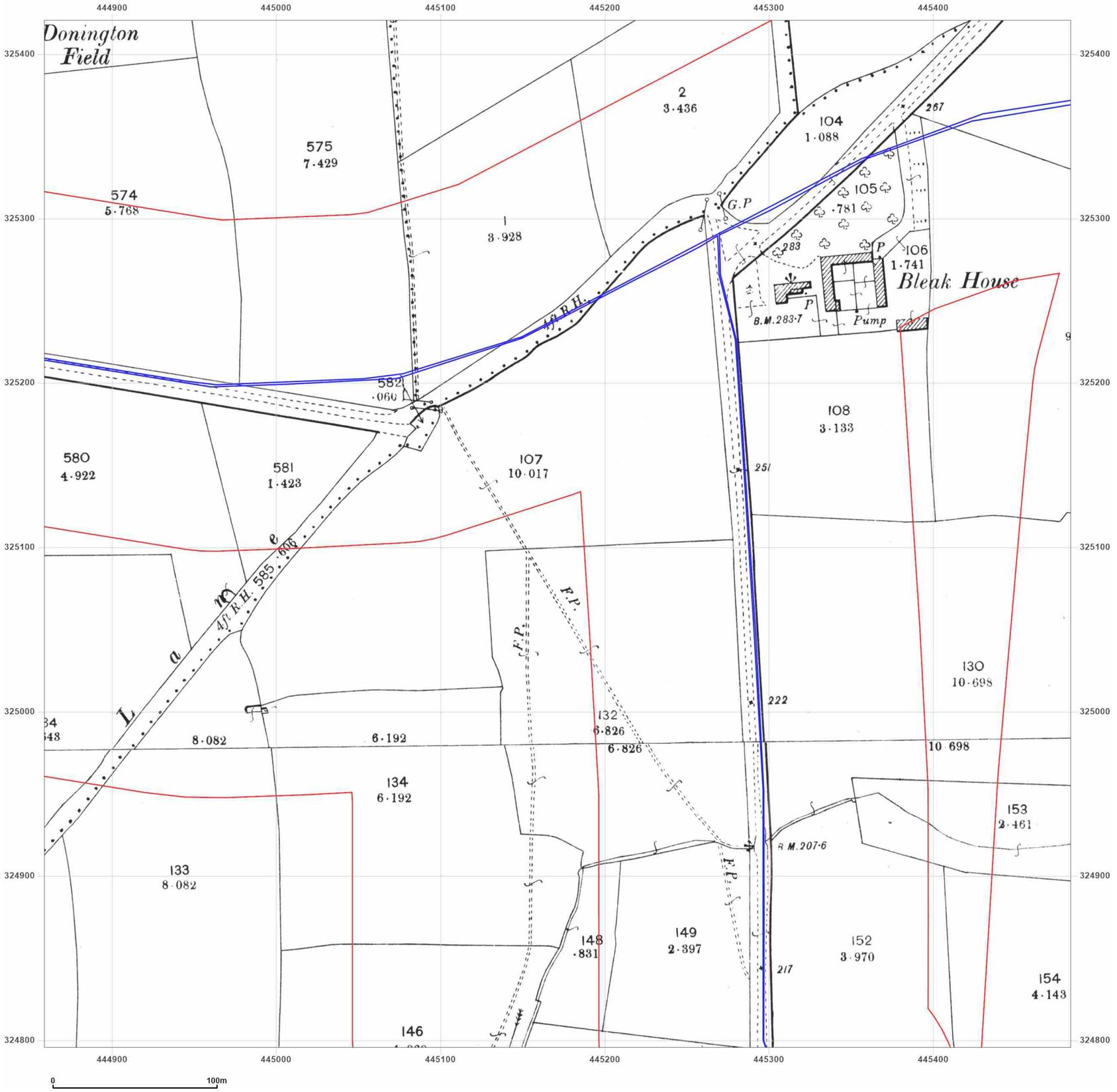
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

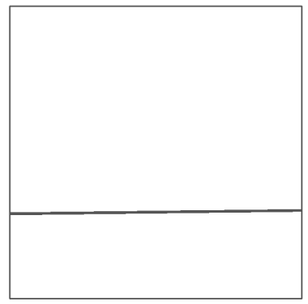
Map Name: County Series

Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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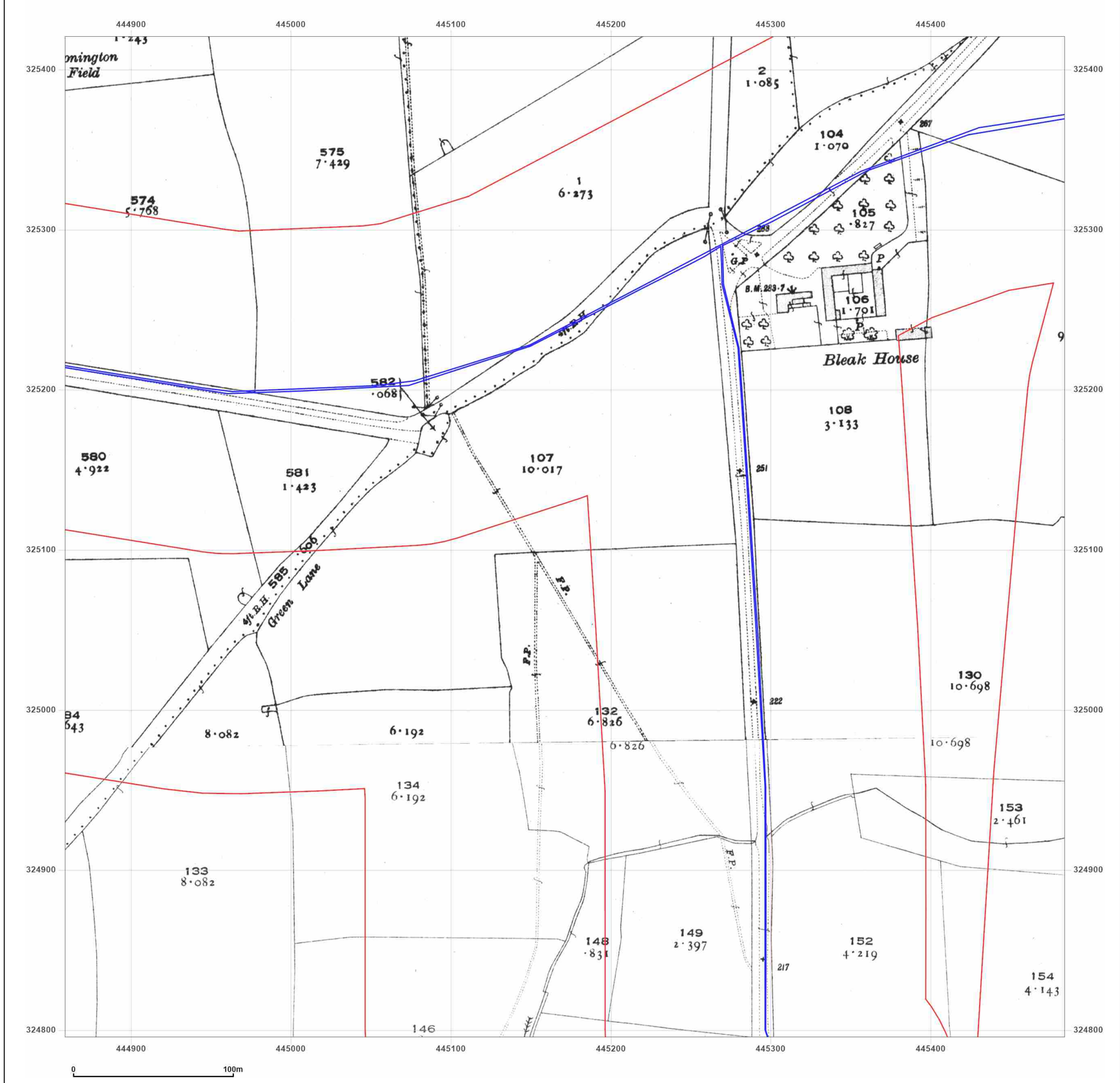

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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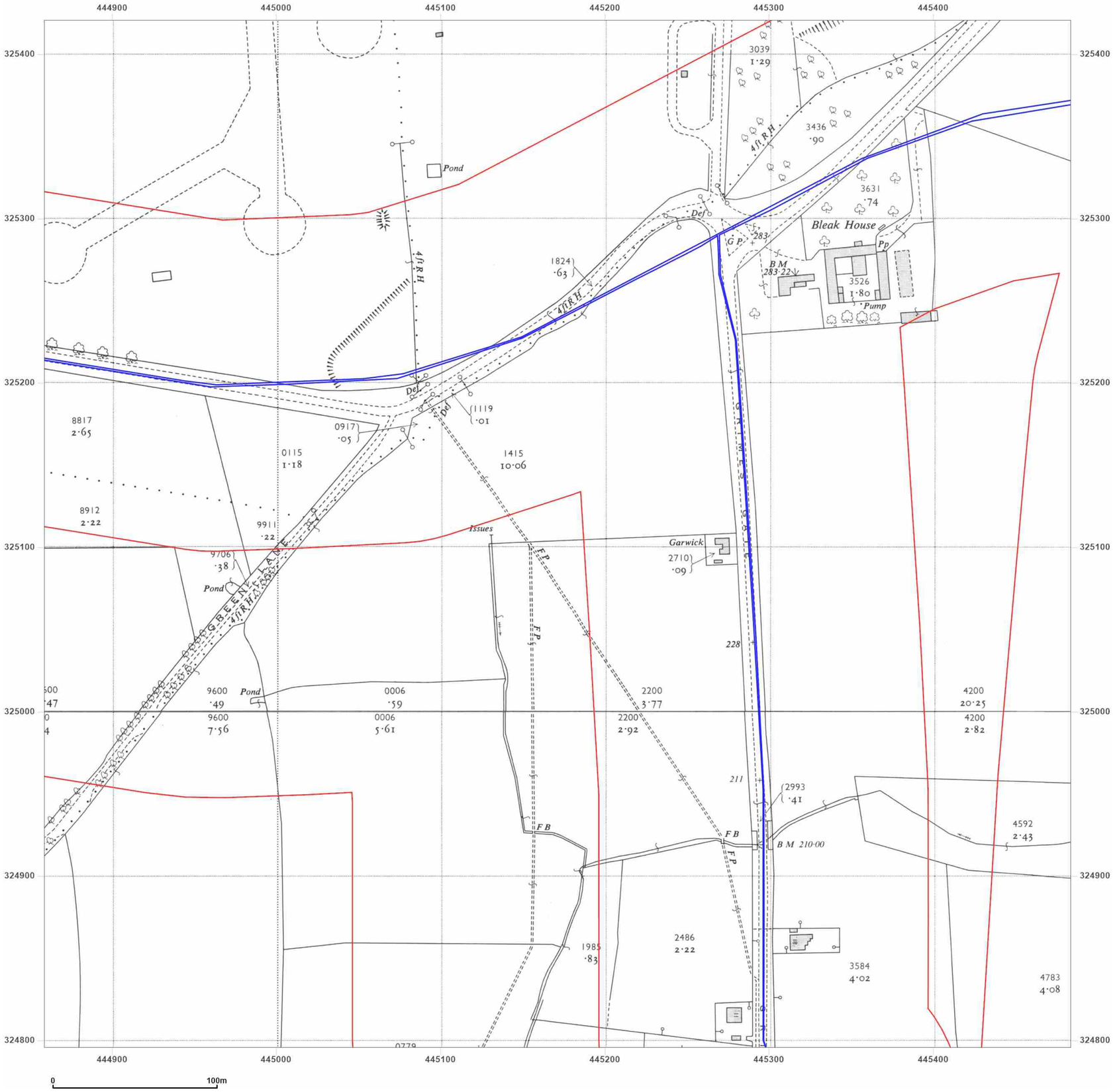

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1948

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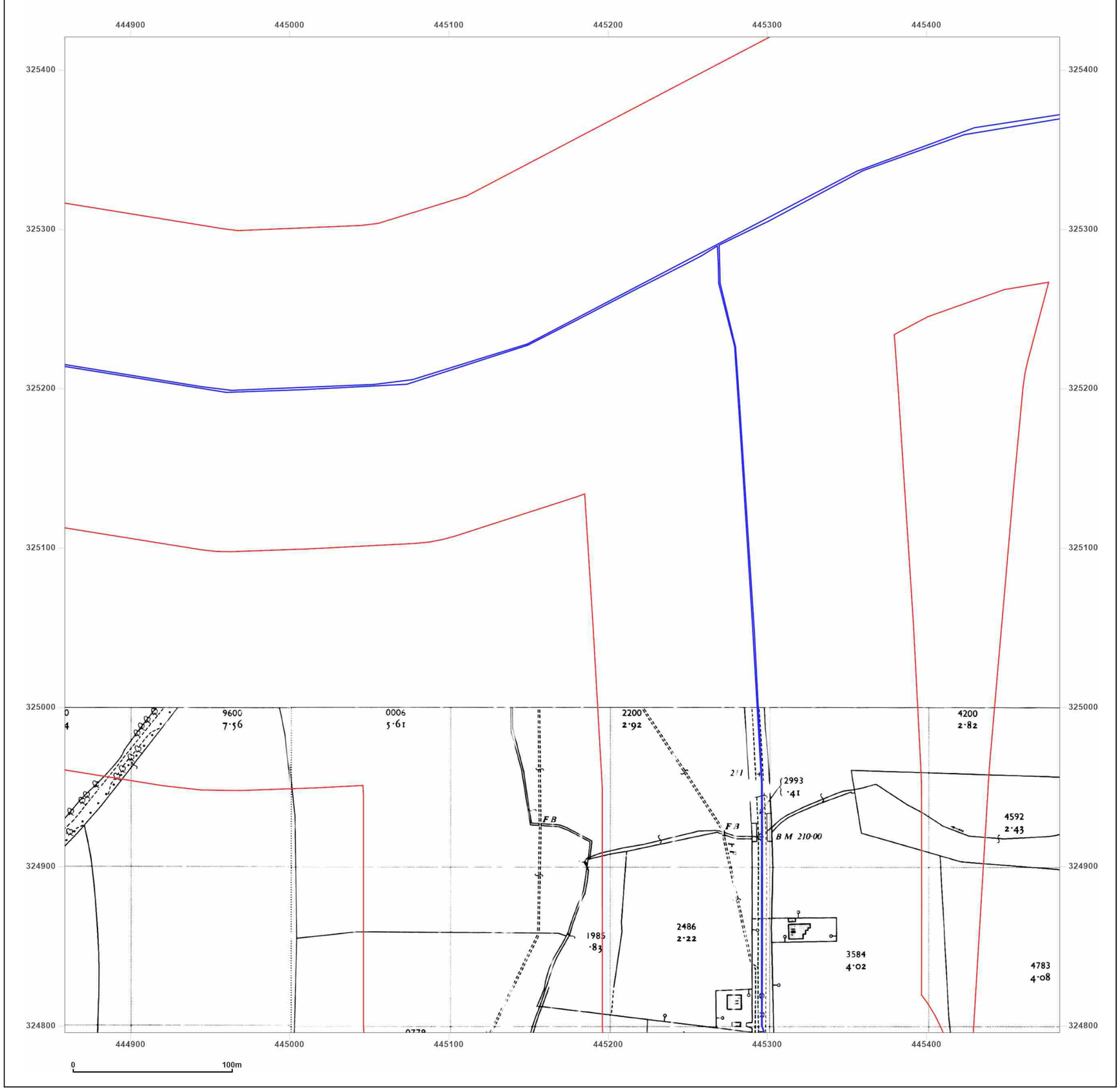

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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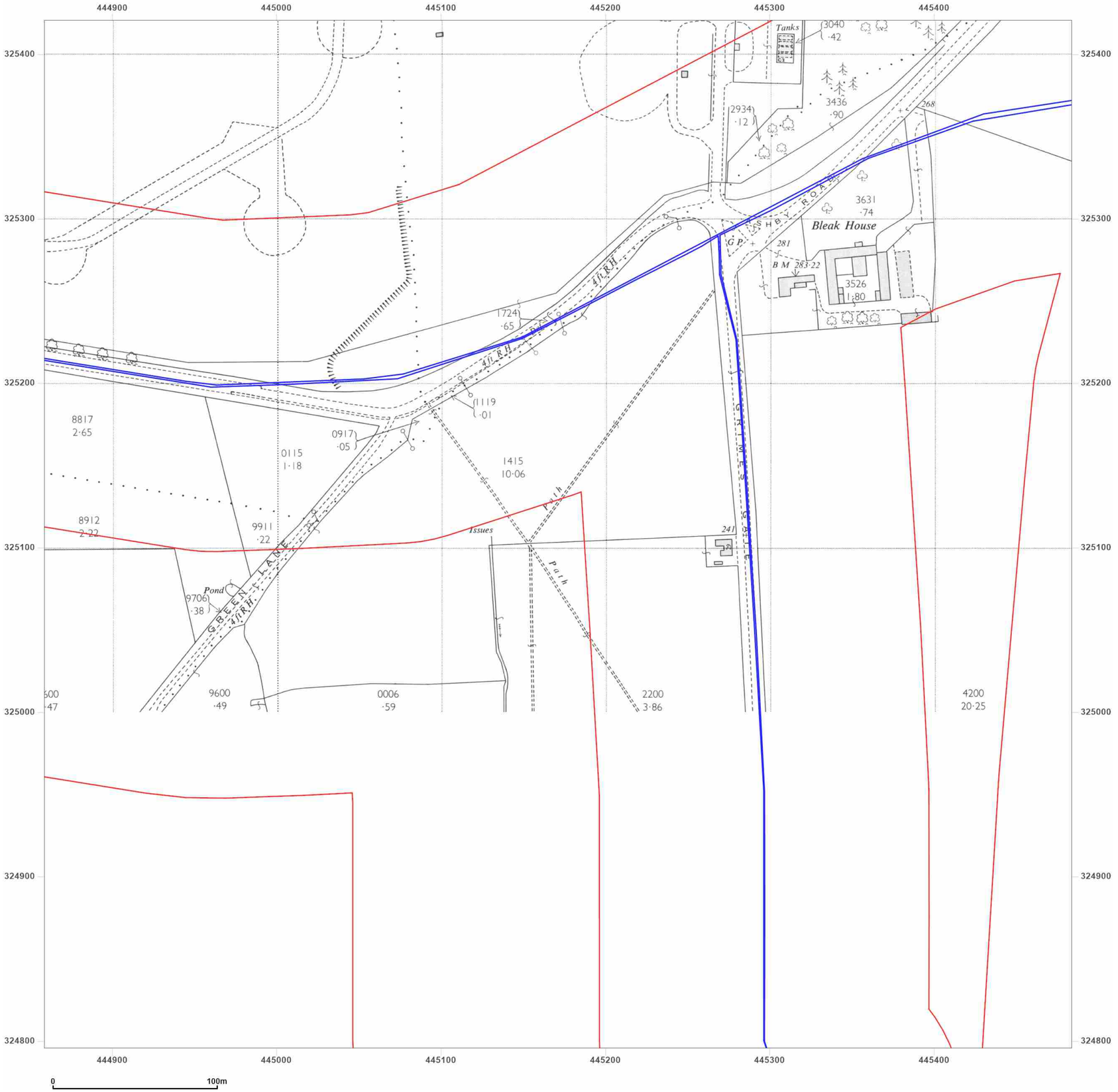
Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1969**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

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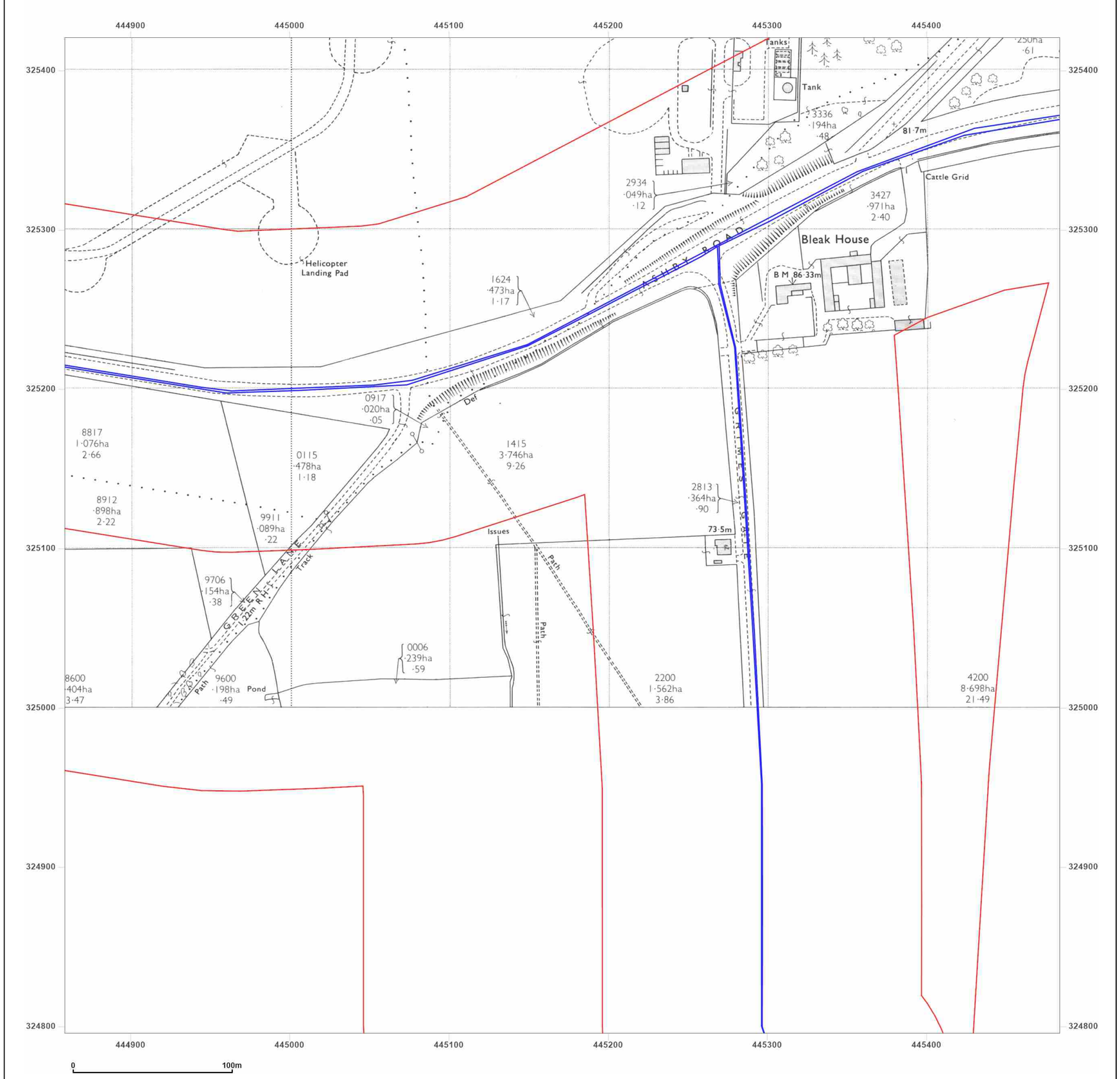
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

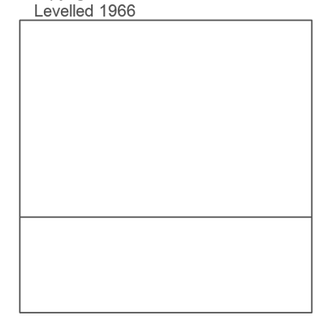
Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised 1971
Edition N/A
Copyright 1971
Levelled 1966



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Production date: 13 December 2024

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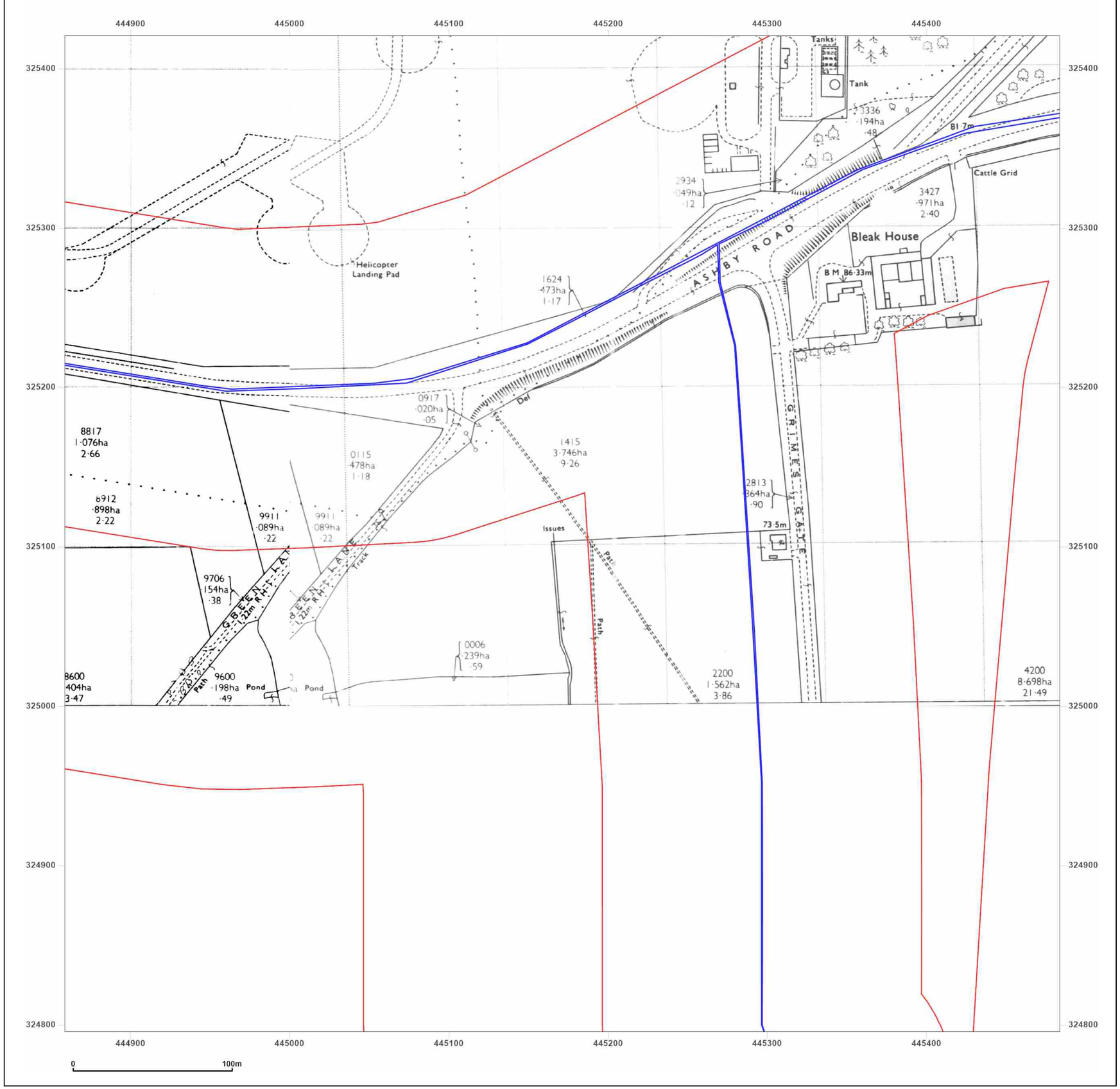


Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

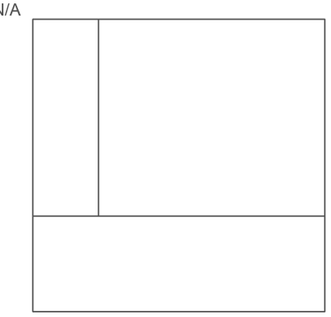
Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid
Map date: **1971**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A



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Production date: 13 December 2024

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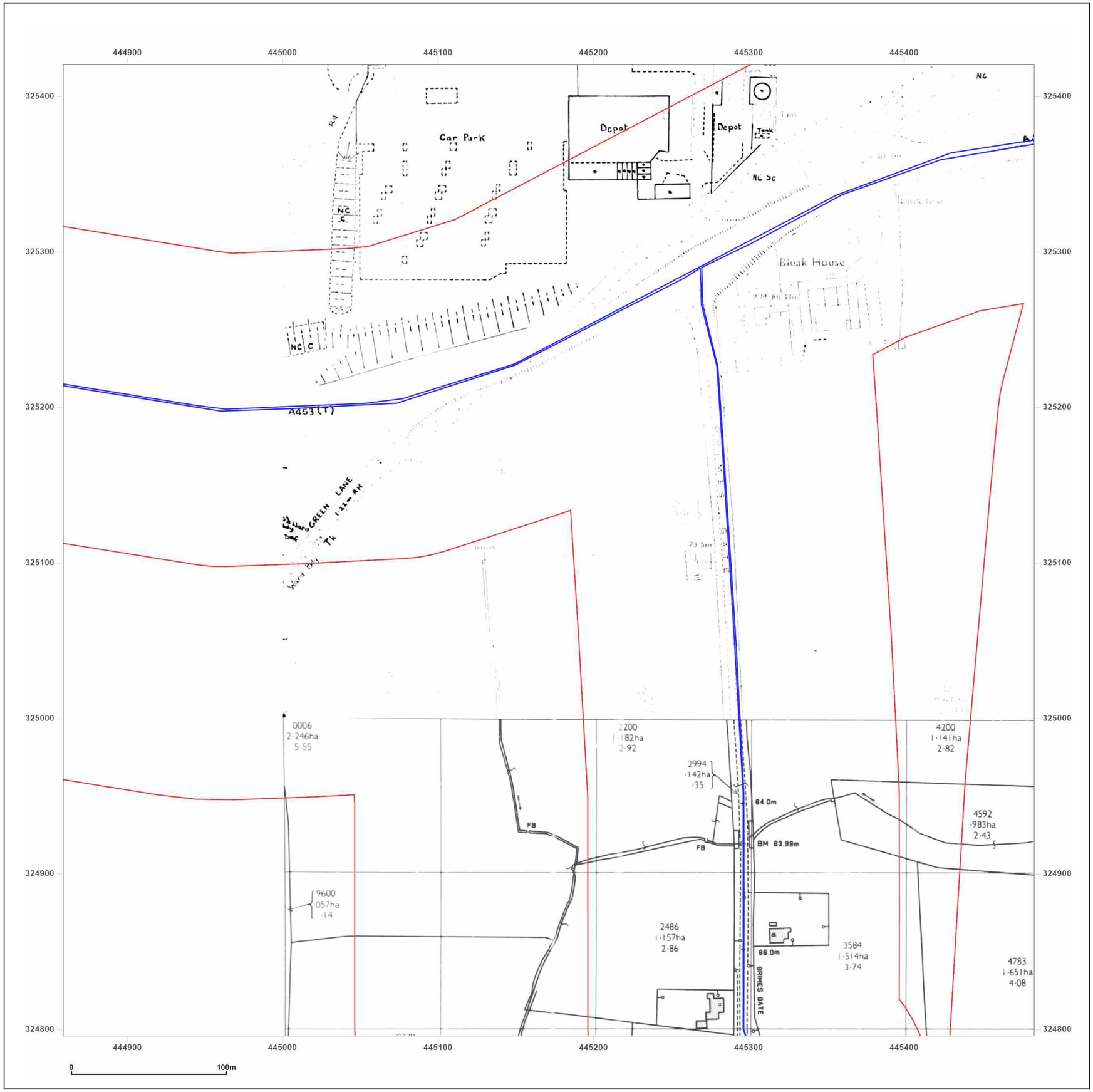


Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

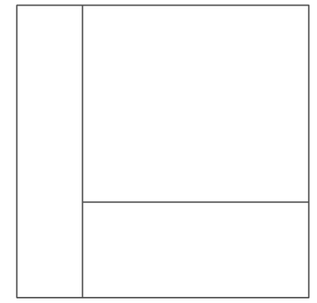
Map date: **1980-1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966



Surveyed 1980
Revised 1980
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 13 December 2024

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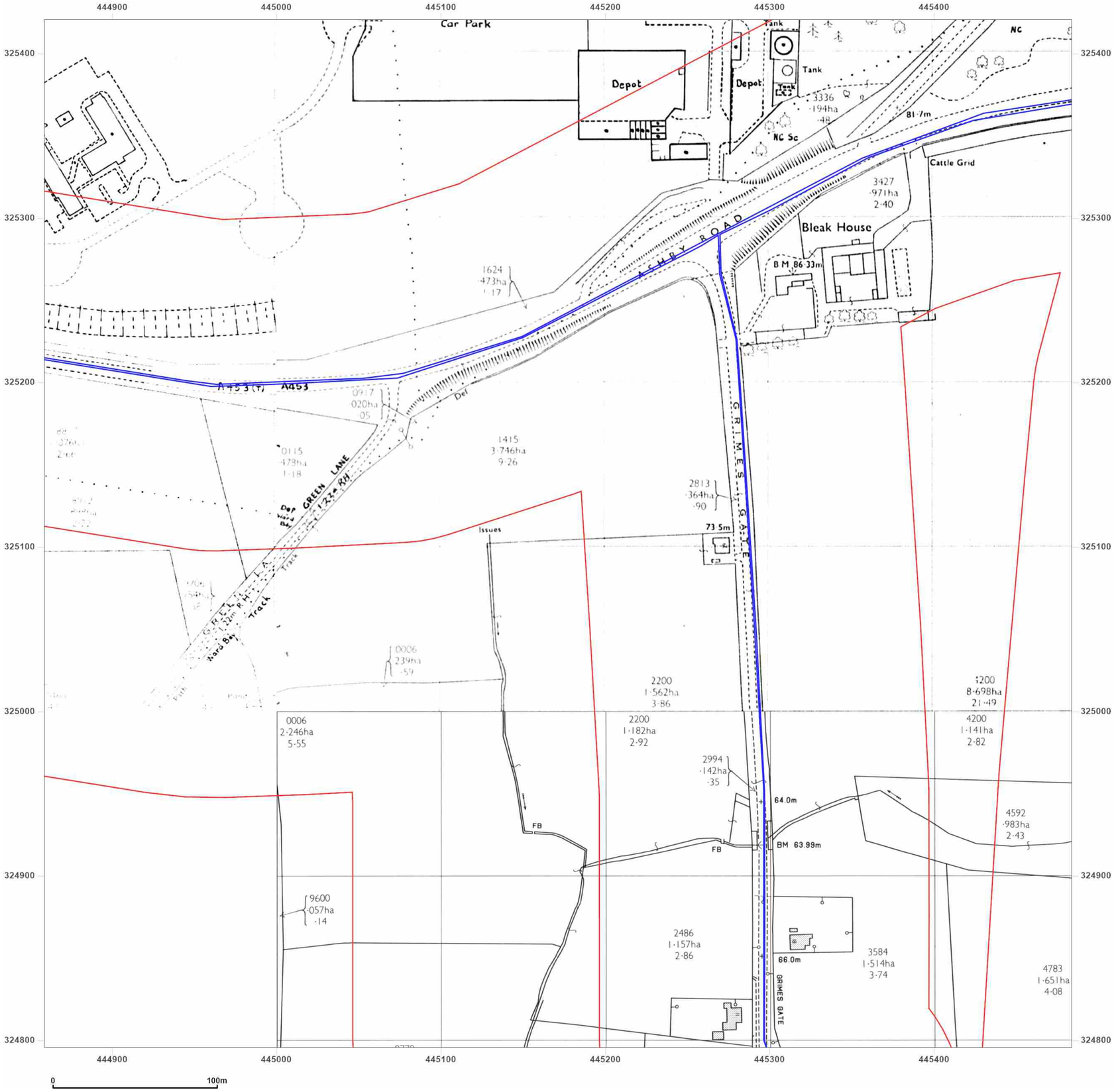

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1980-1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1983
Edition N/A
Copyright 1983
Levelled 1966

Surveyed 1978
Revised 1978
Edition N/A
Copyright 1980
Levelled 1966

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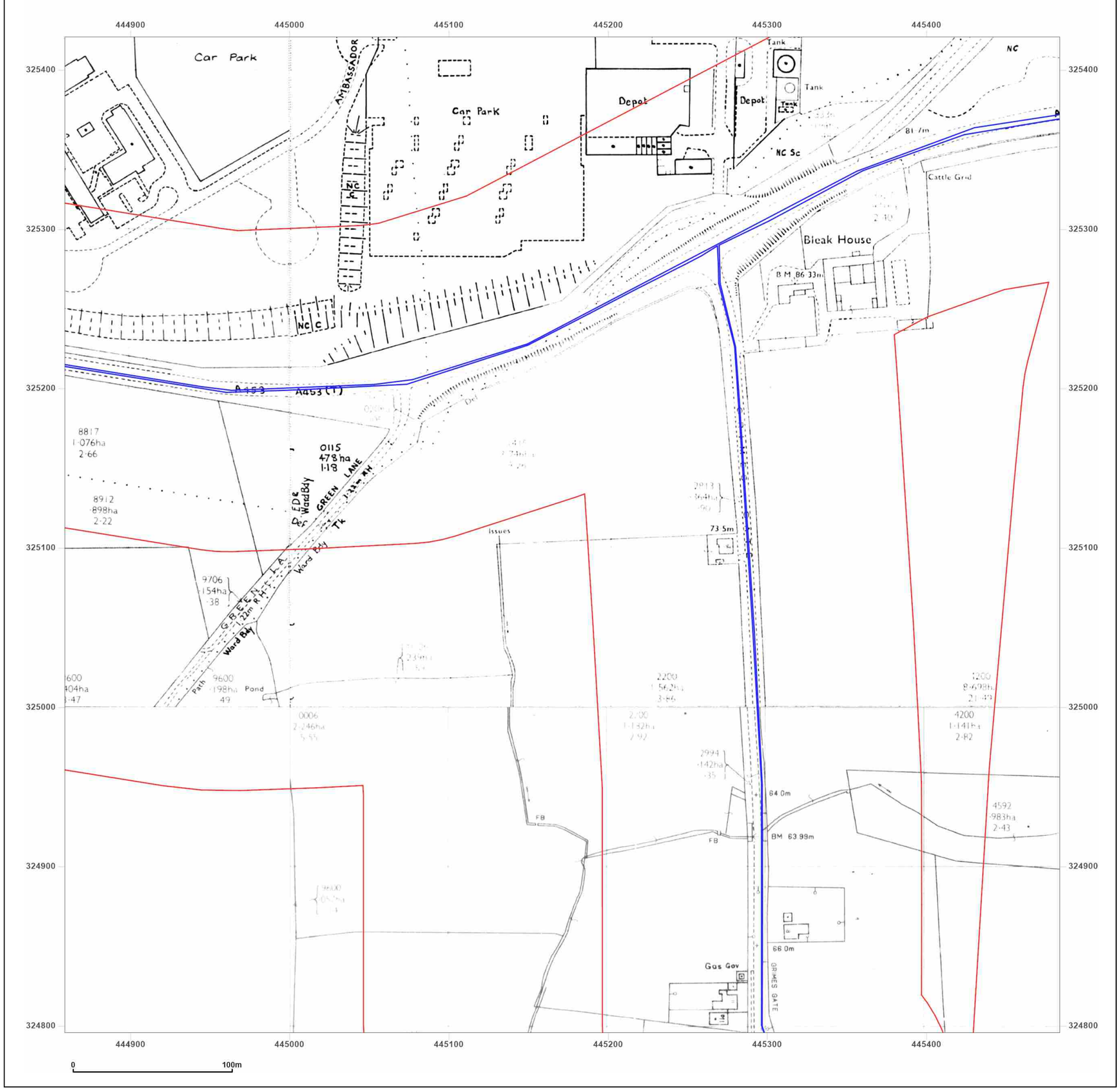
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1987-1992**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1989
Edition N/A
Copyright 1989
Levelled 1966

Surveyed 1966
Revised 1987
Edition N/A
Copyright 1987
Levelled 1966

Surveyed 1966
Revised 1992
Edition N/A
Copyright 1992
Levelled 1966

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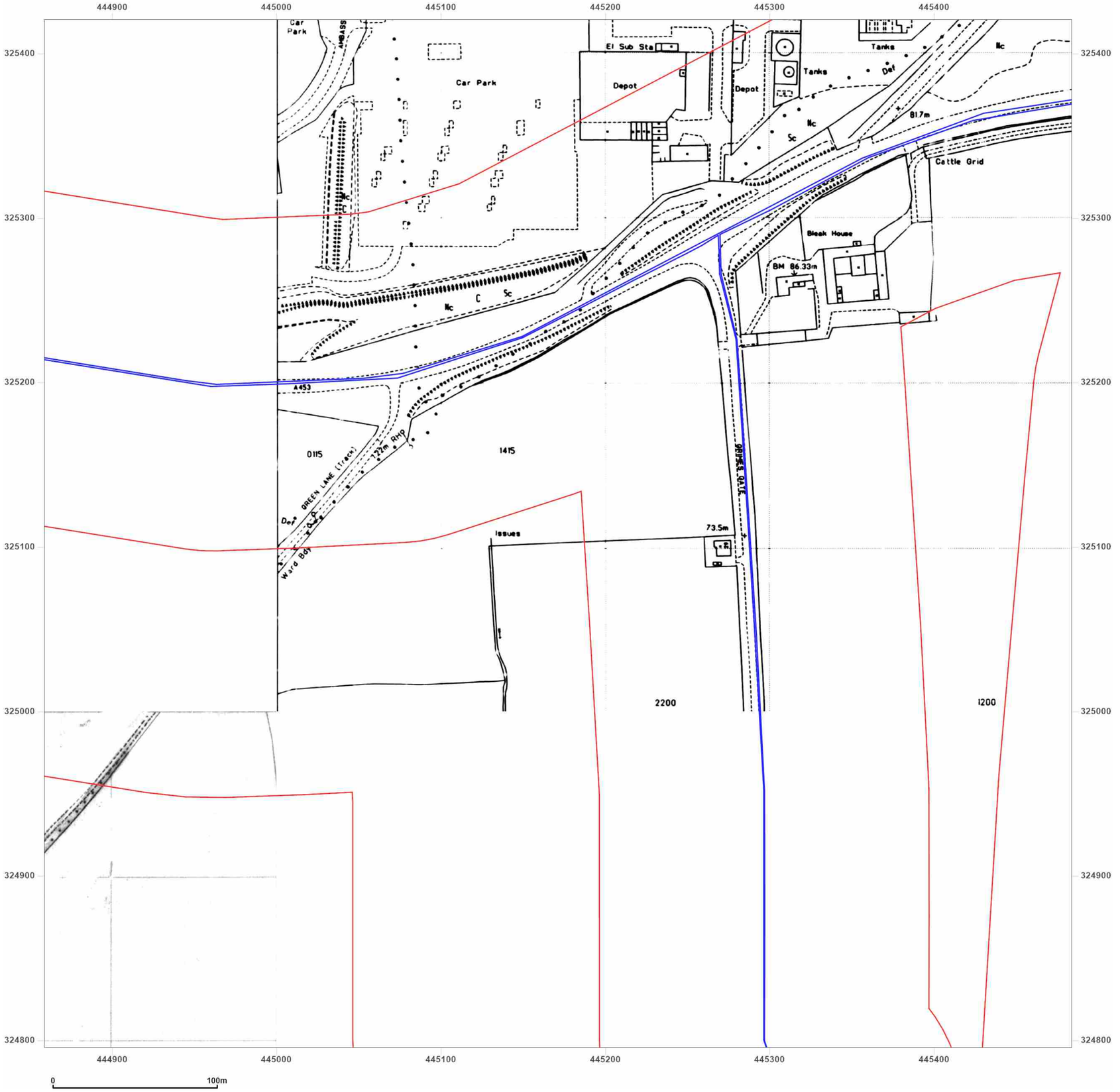
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1966
Revised 1993
Edition N/A
Copyright 1993
Levelled 1966

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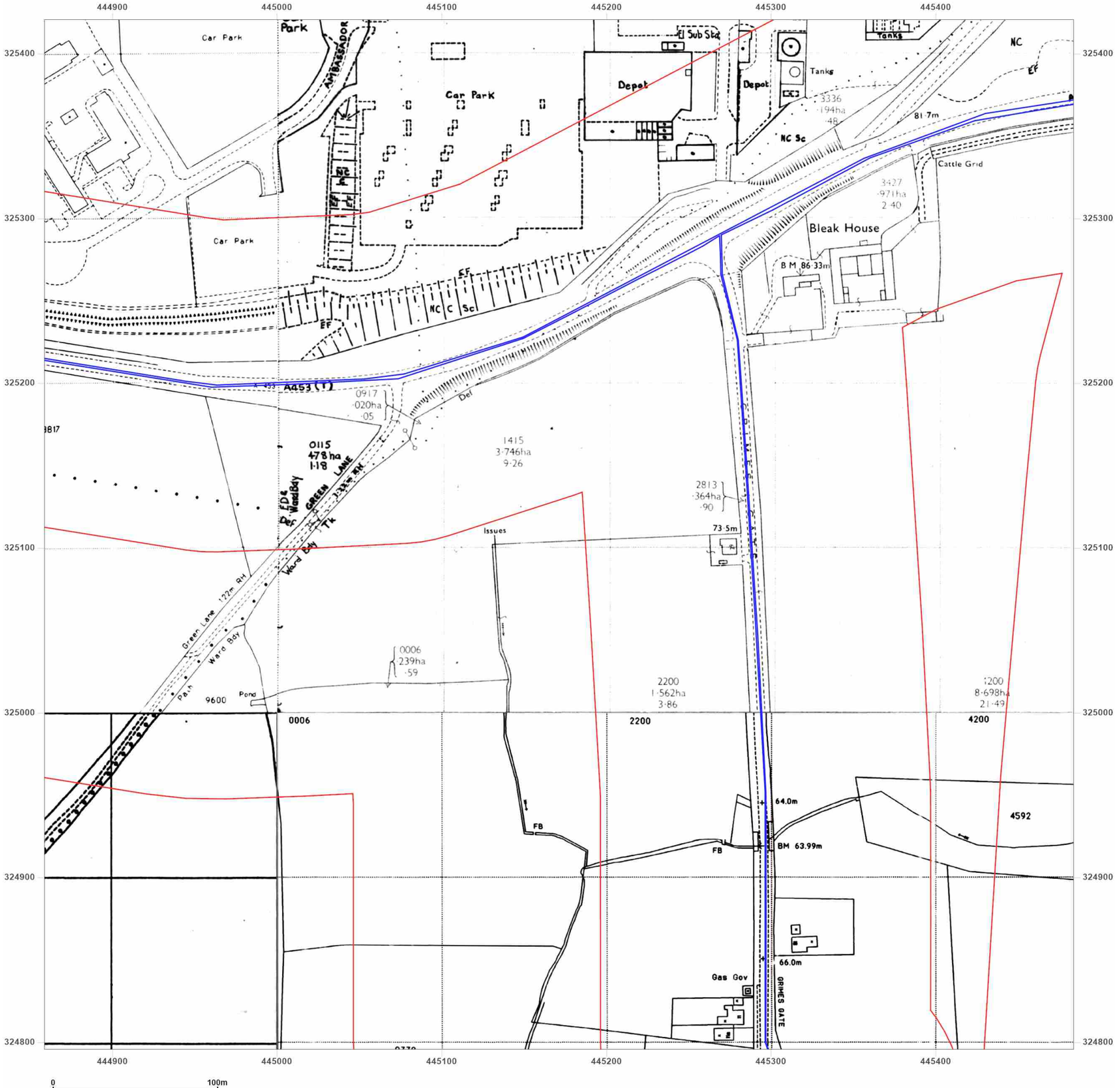
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_2
Grid Ref: 445171, 325108

Map Name: National Grid

Map date: **1991-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1993
Revised 1993
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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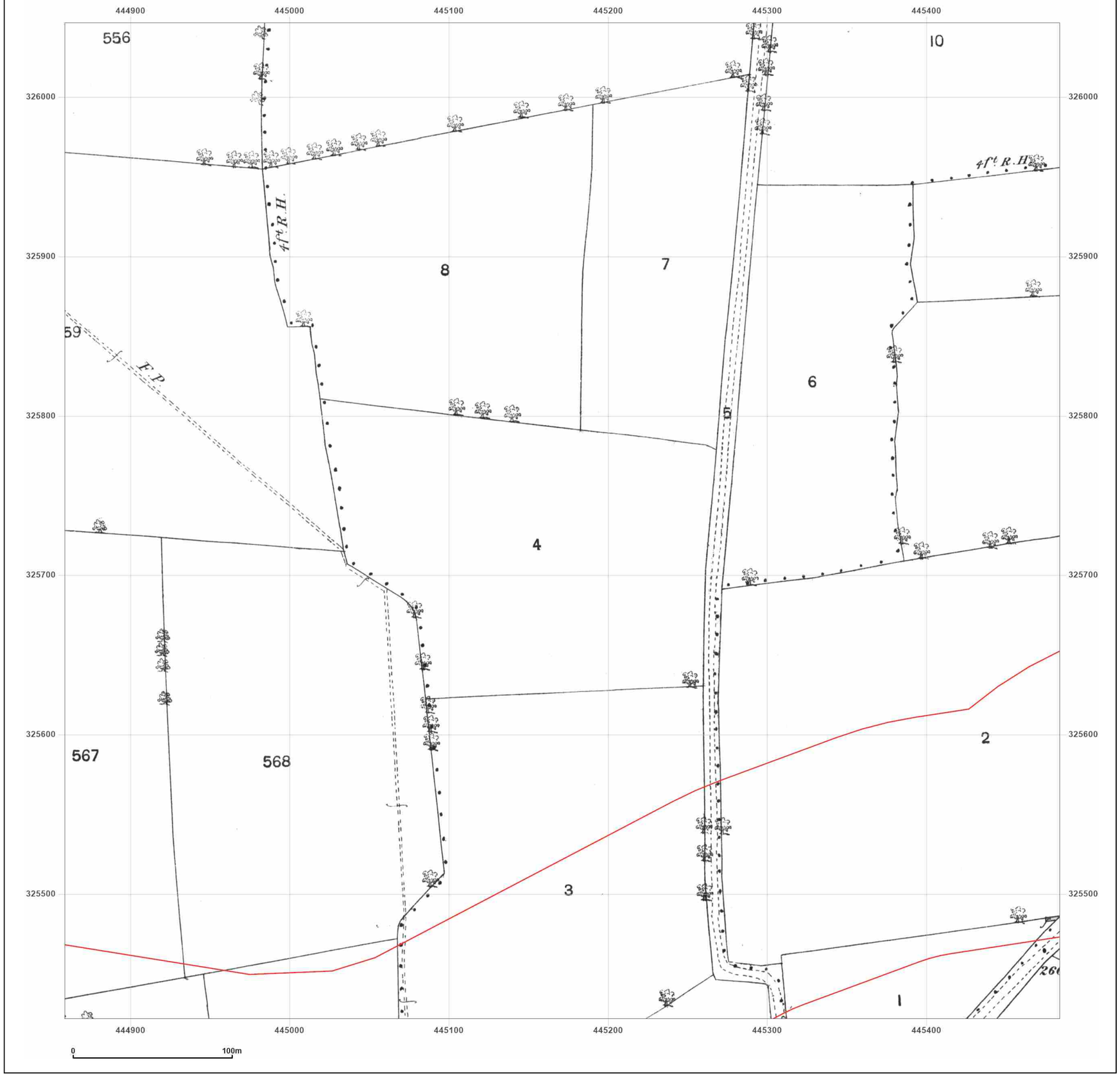
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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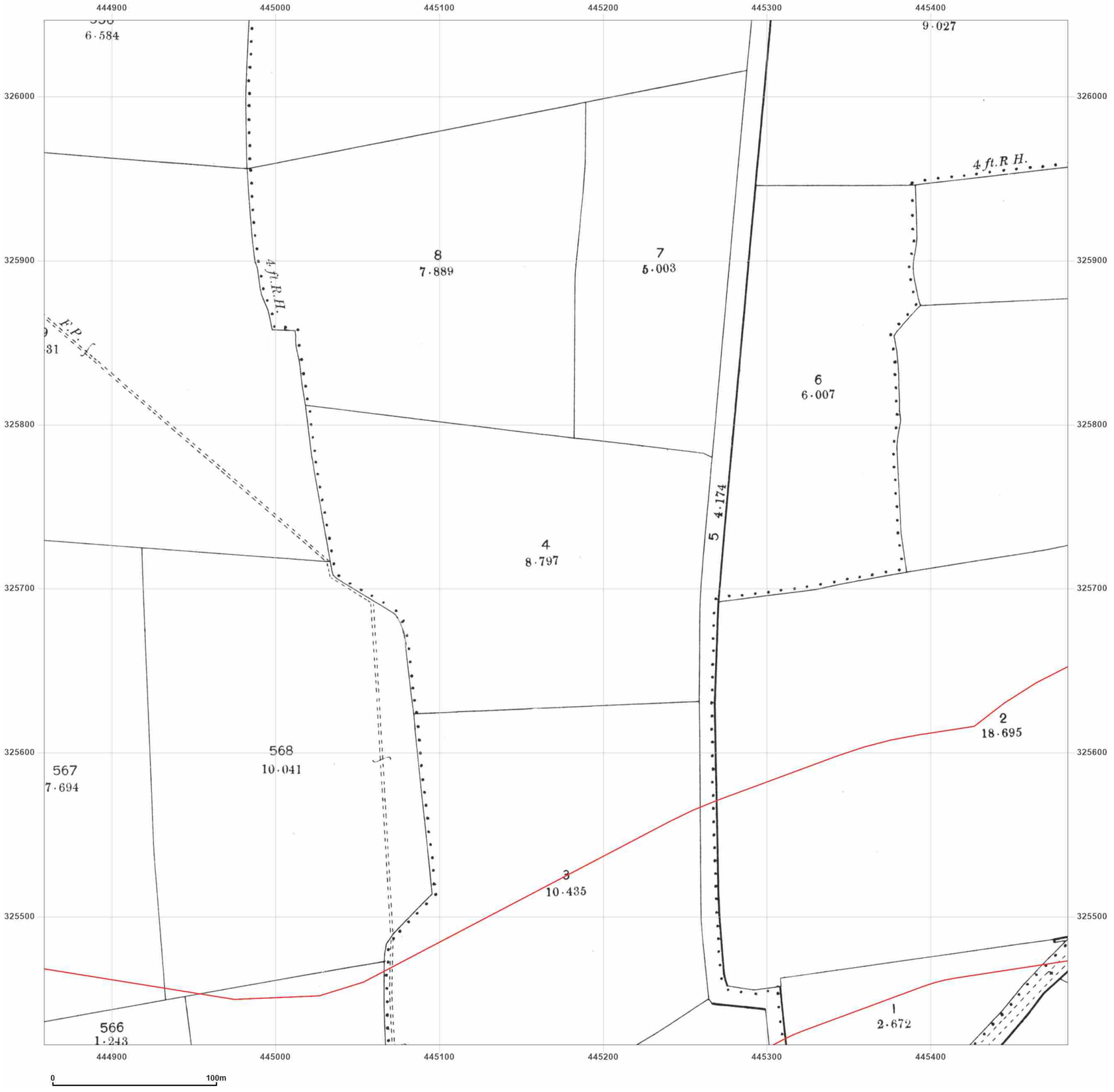
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: County Series

Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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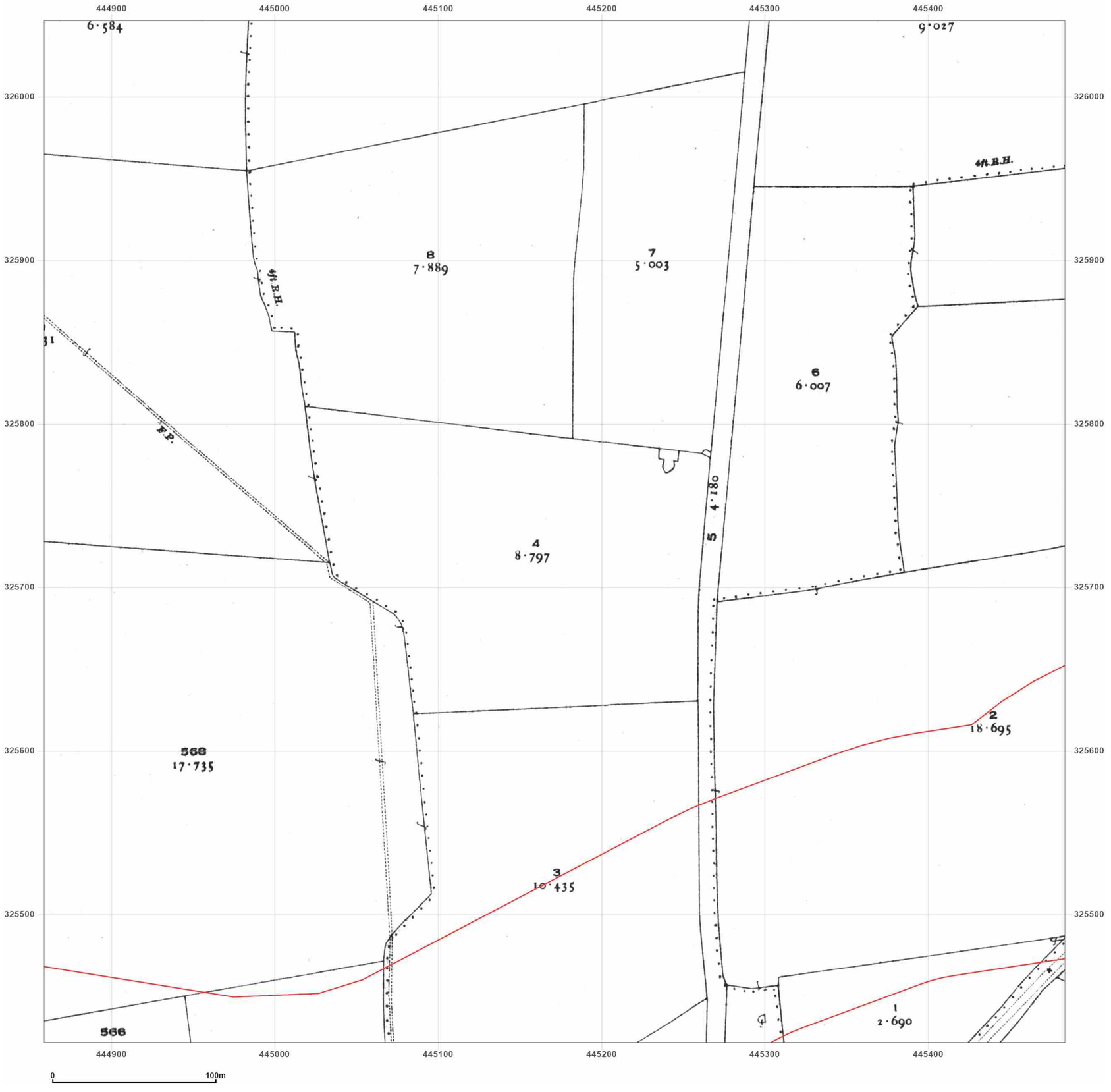
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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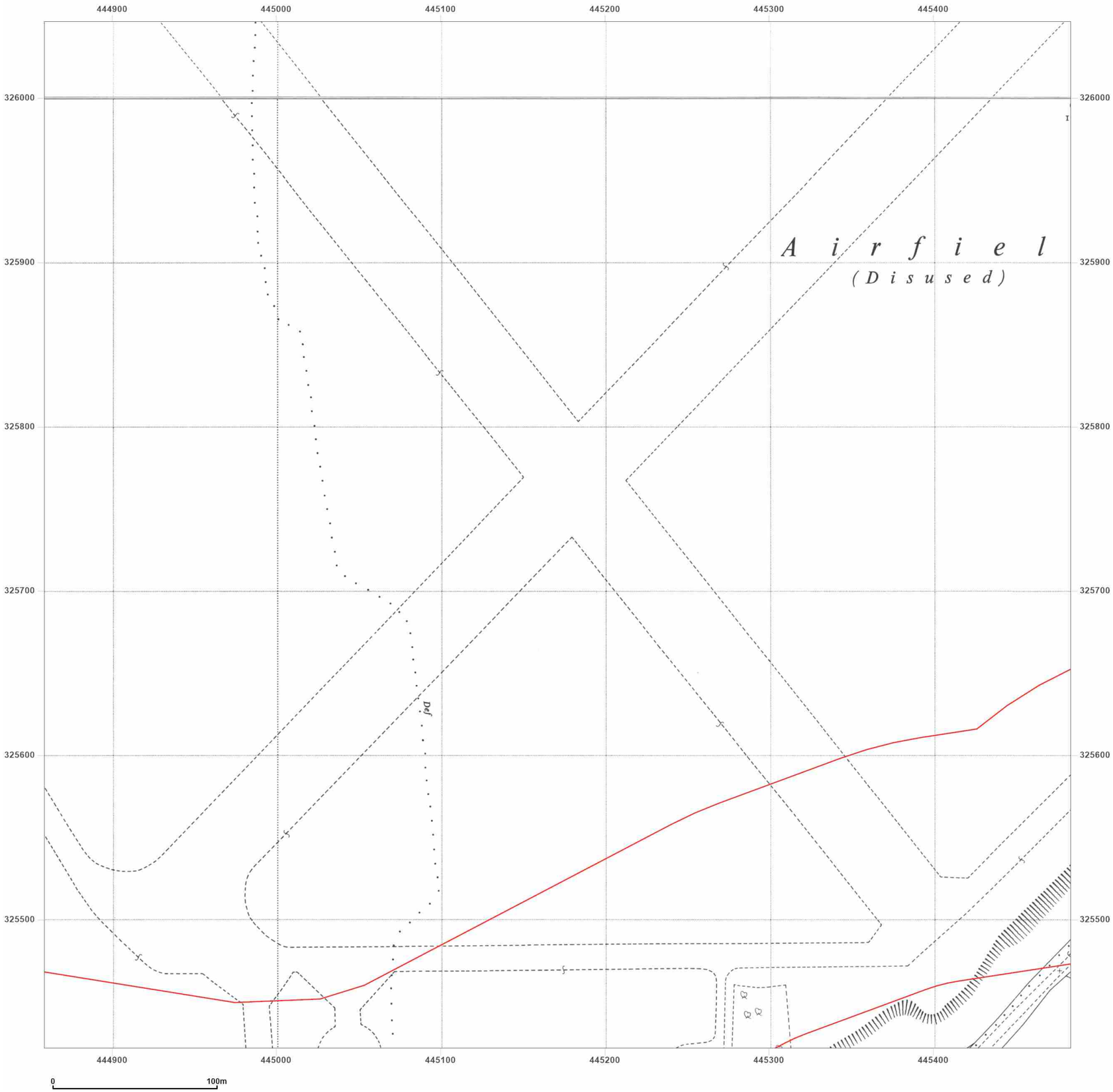
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid
Map date: **1963**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid

Map date: **1968-1969**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1968
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

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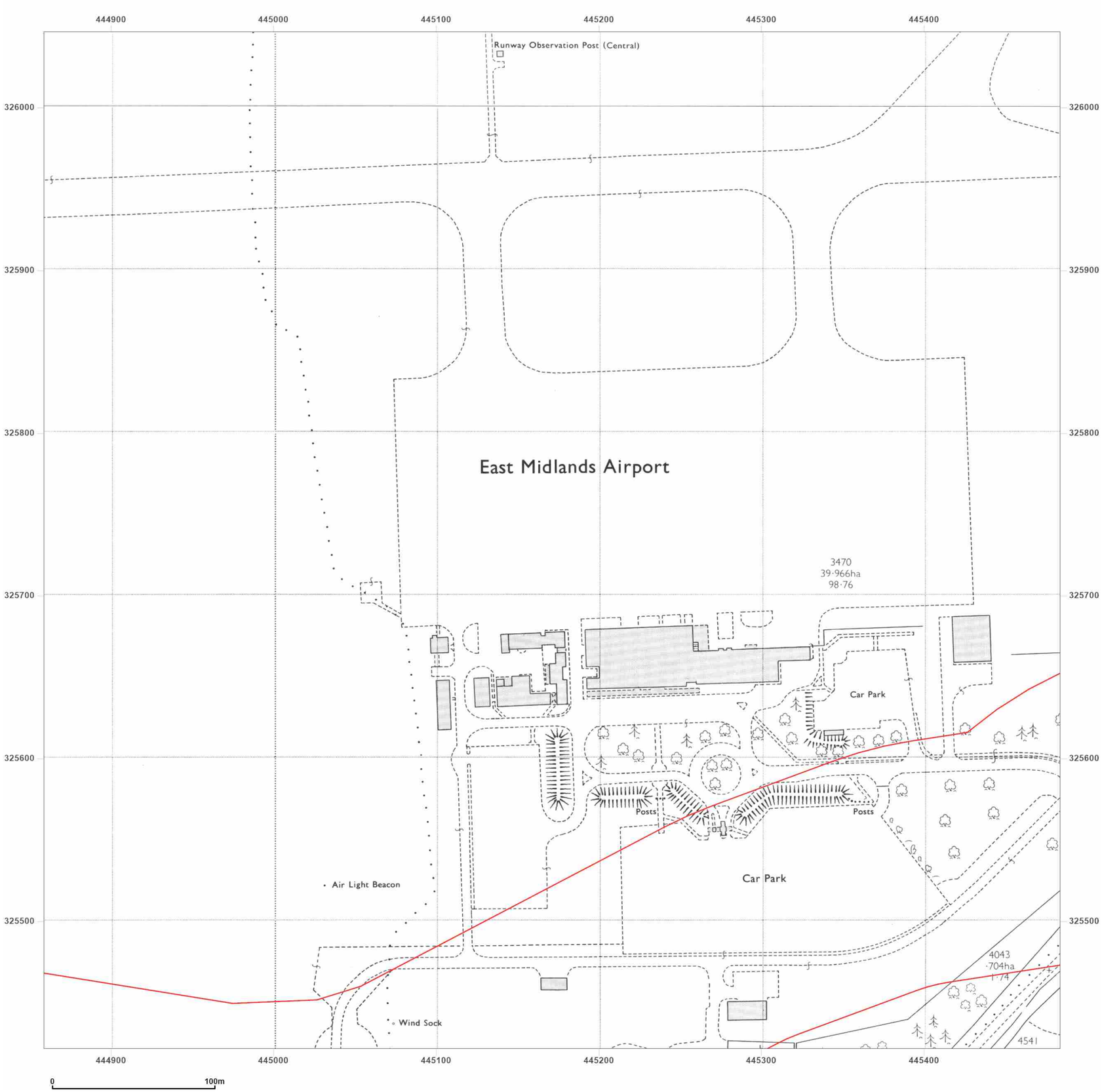
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid
Map date: **1971-1975**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1974
Revised 1974
Edition N/A
Copyright 1975
Levelled 1966

Surveyed N/A
Revised 1971
Edition N/A
Copyright 1971
Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

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Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid

Map date: **1971-1975**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

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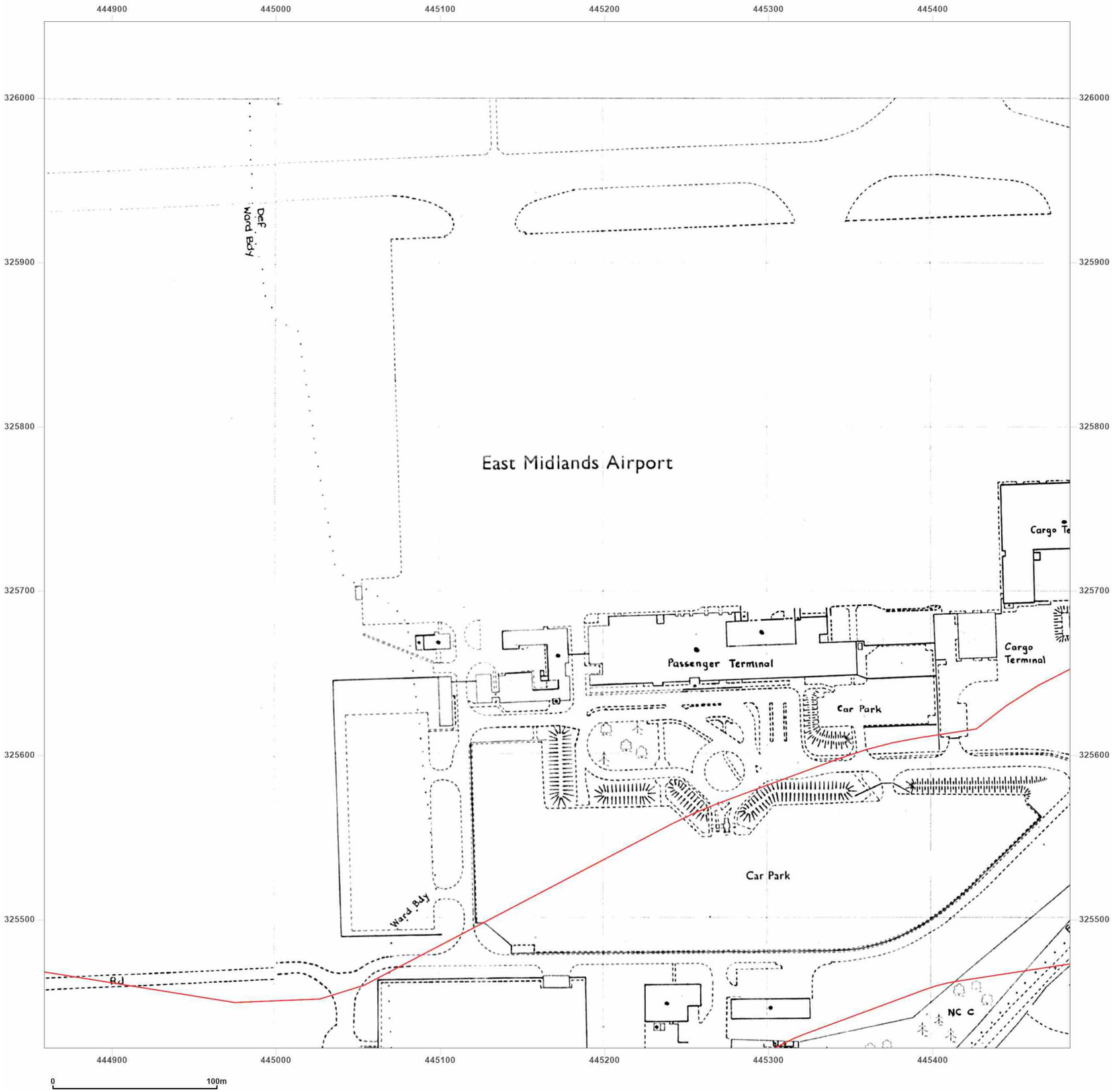

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid

Map date: **1983-1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1983
Edition N/A
Copyright 1983
Levelled 1966

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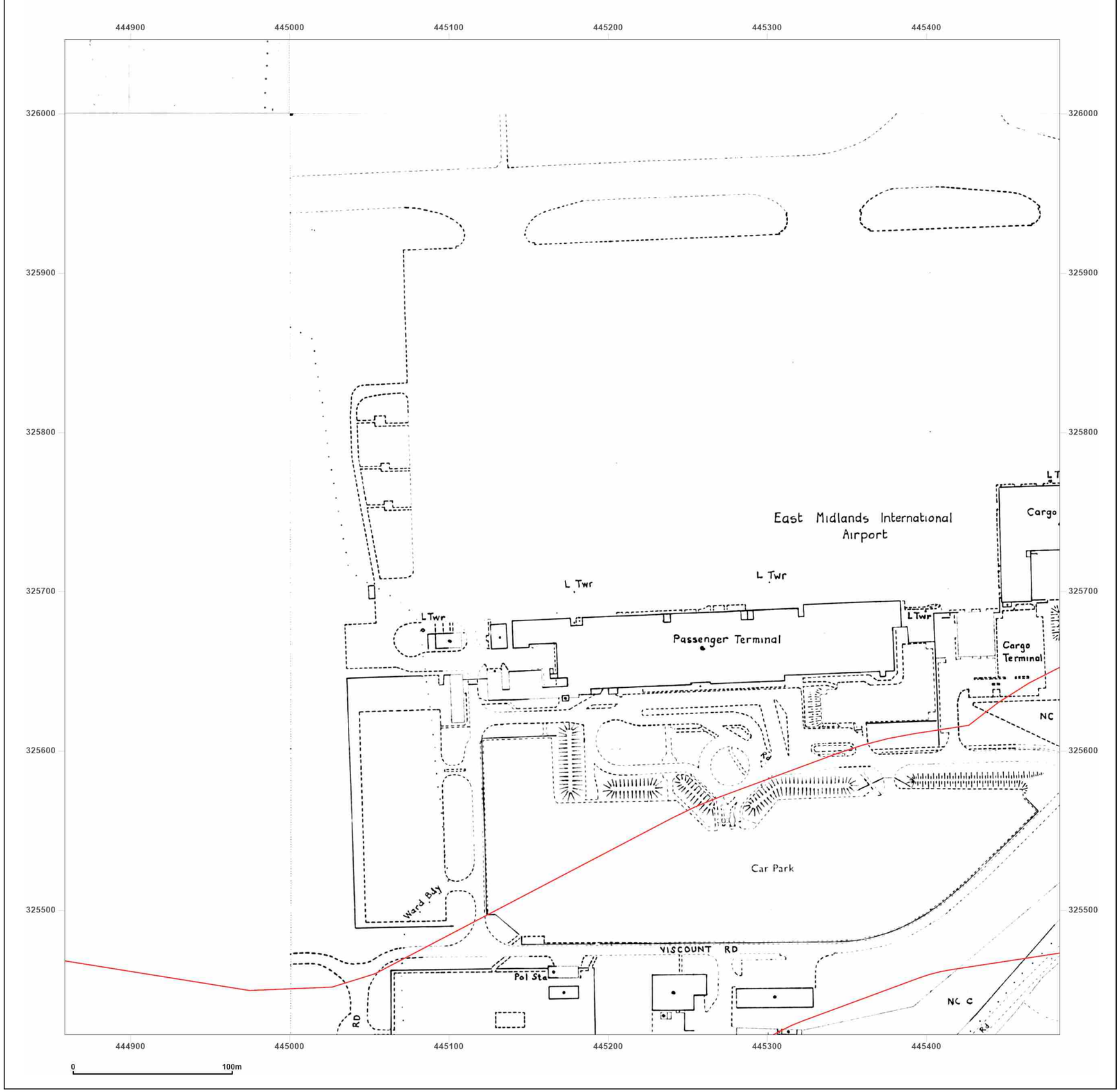
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid

Map date: **1987-1989**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1989
Revised 1989
Edition N/A
Copyright 1989
Levelled N/A

Surveyed 1966
Revised 1987
Edition N/A
Copyright 1987
Levelled 1966

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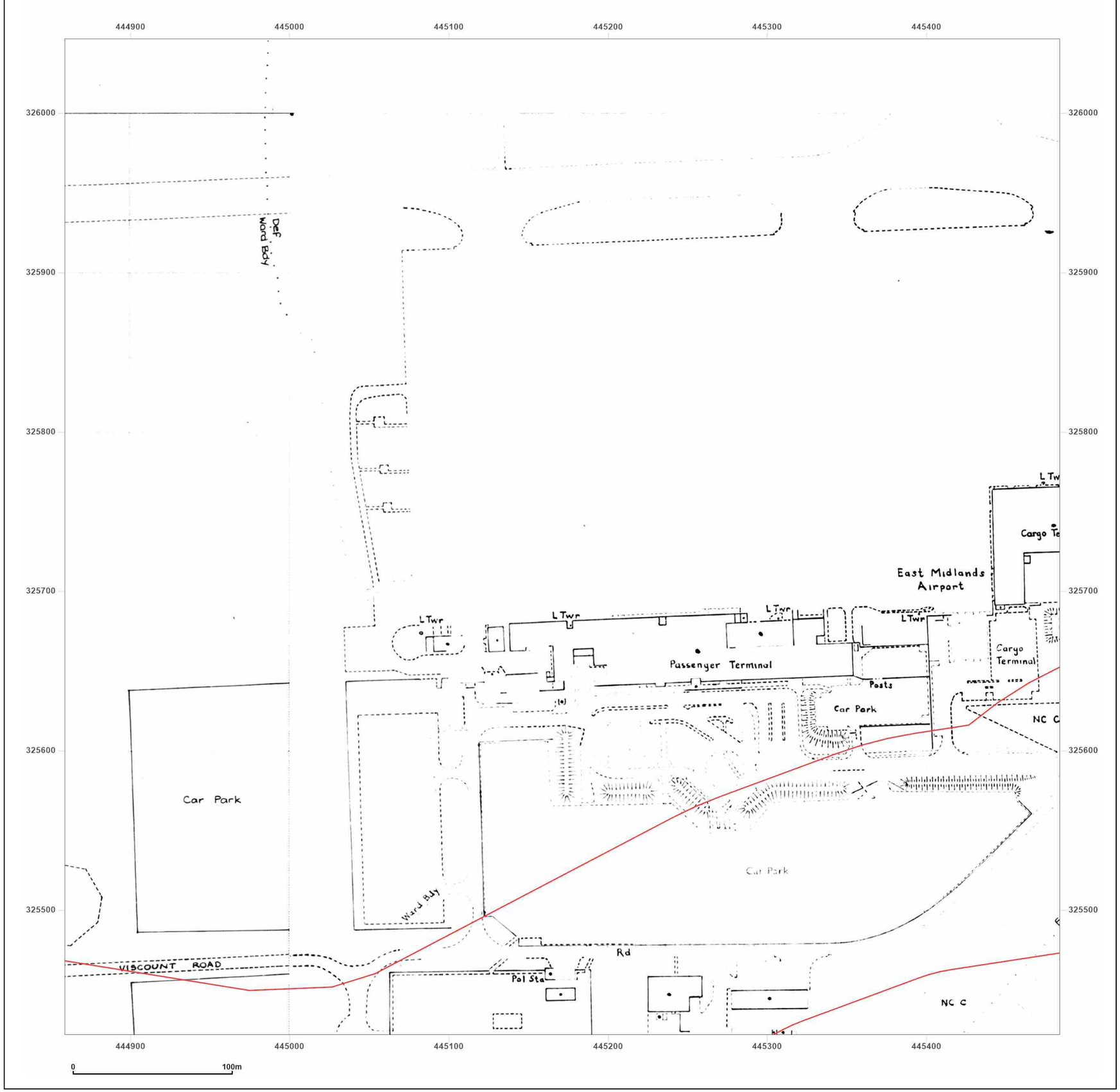
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid
Map date: **1984-1989**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1989
Levelled N/A

Surveyed 1966
Revised 1989
Edition N/A
Copyright 1989
Levelled 1966

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

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Production date: 13 December 2024

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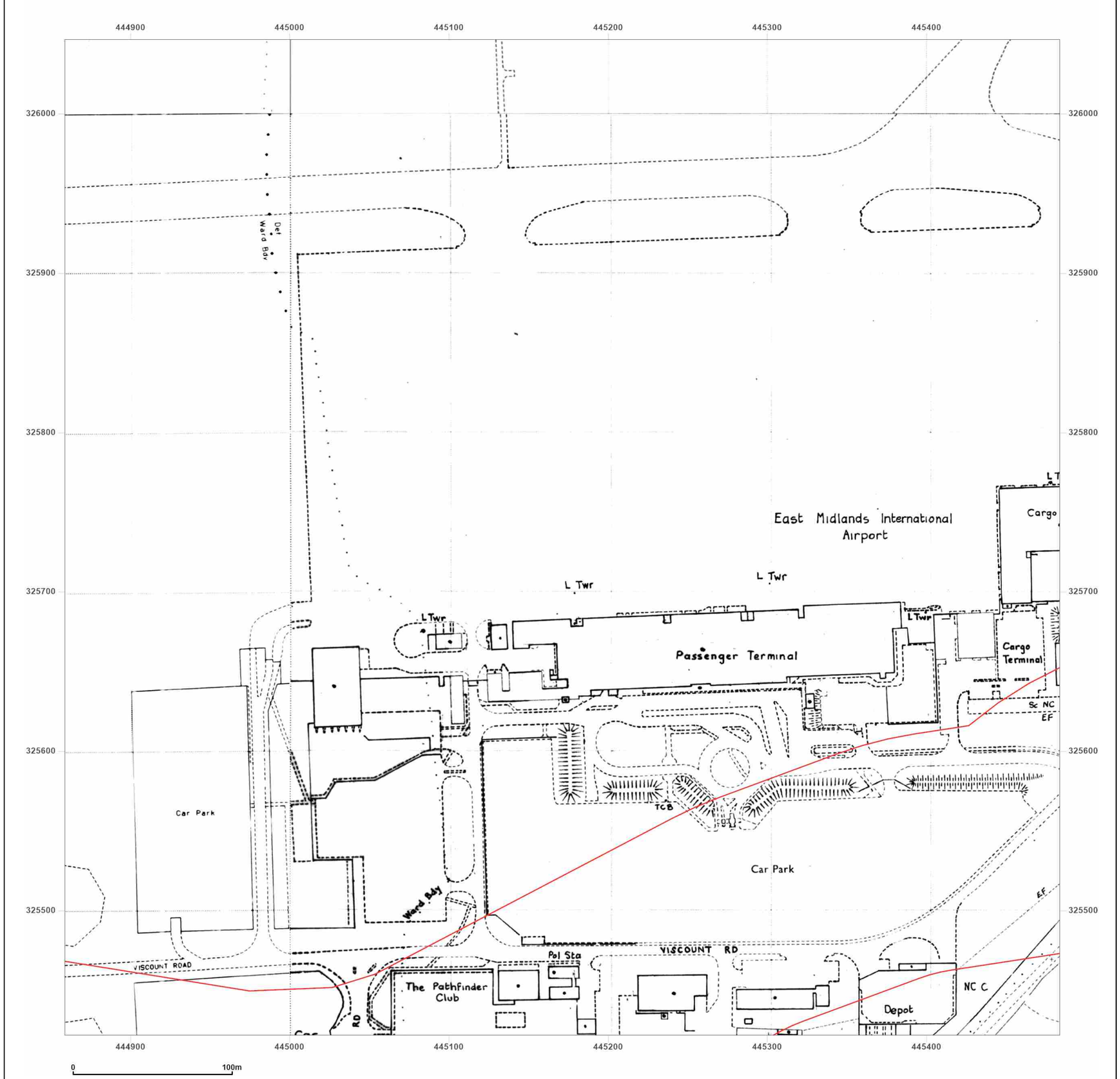

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid
Map date: **1990-1993**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1990
Levelled N/A

Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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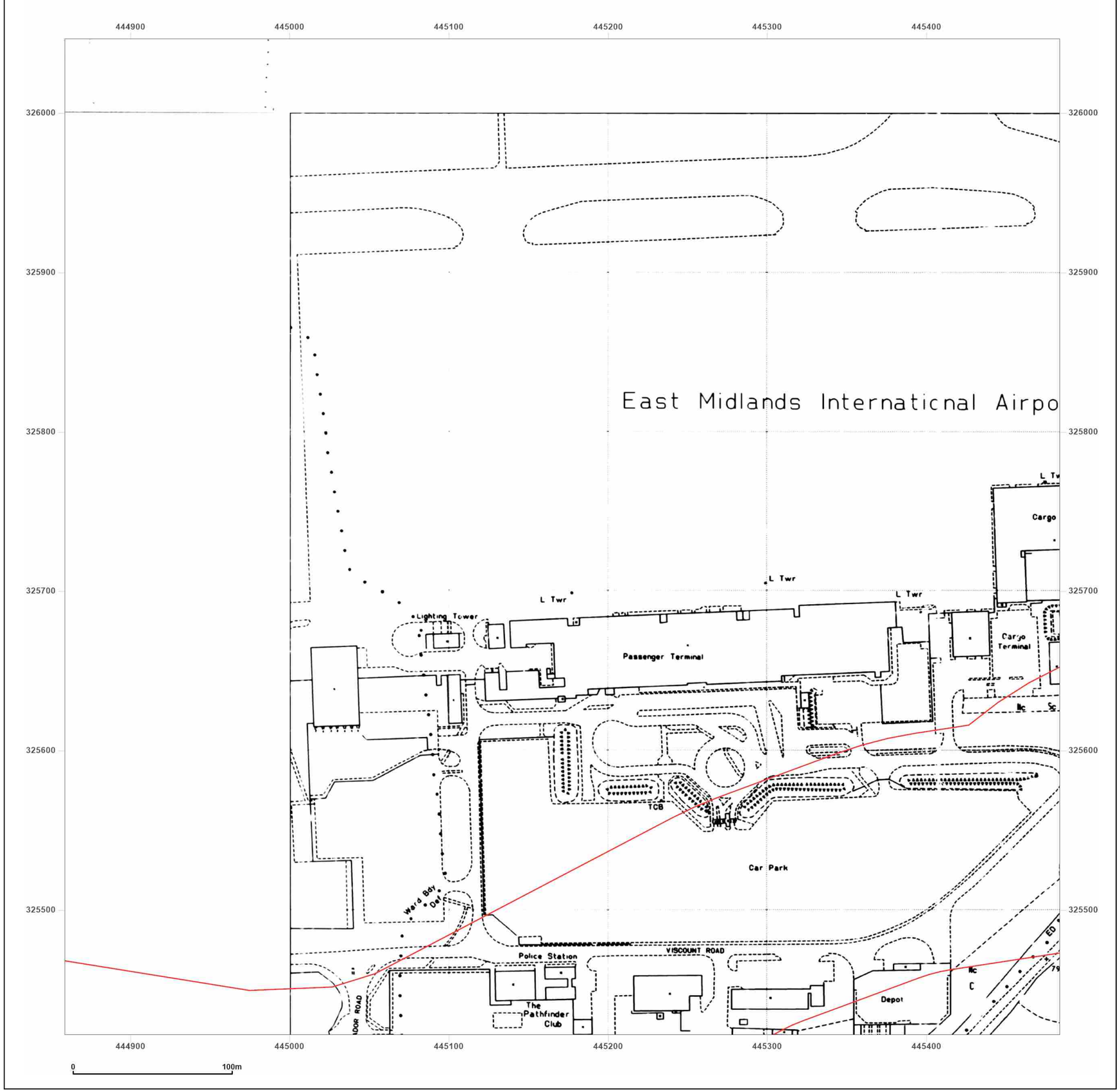

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_2_3
Grid Ref: 445171, 325734

Map Name: National Grid

Map date: **1990-1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1990
Revised 1990
Edition N/A
Copyright 1990
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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Production date: 13 December 2024

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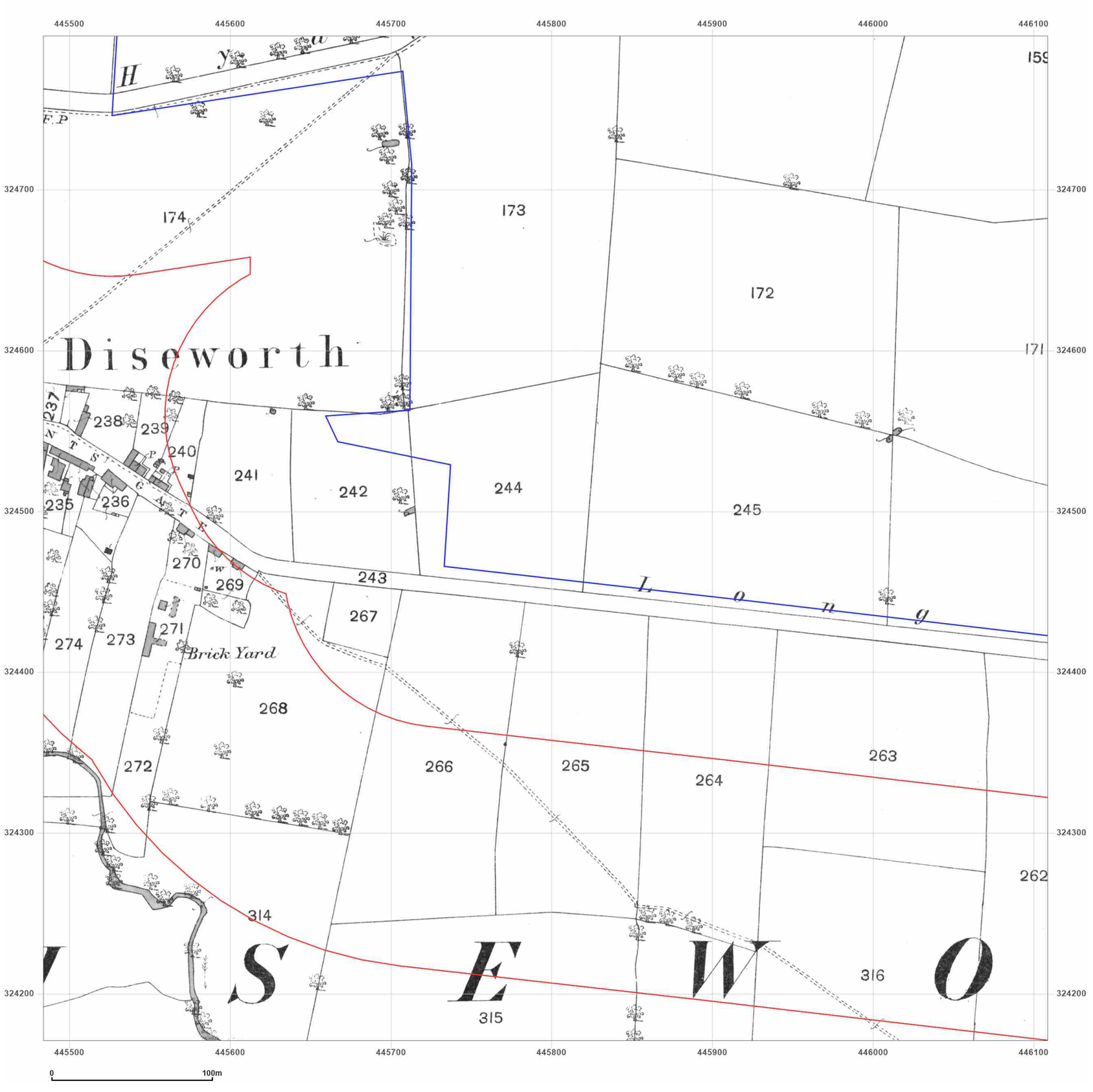

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: County Series
Map date: **1884**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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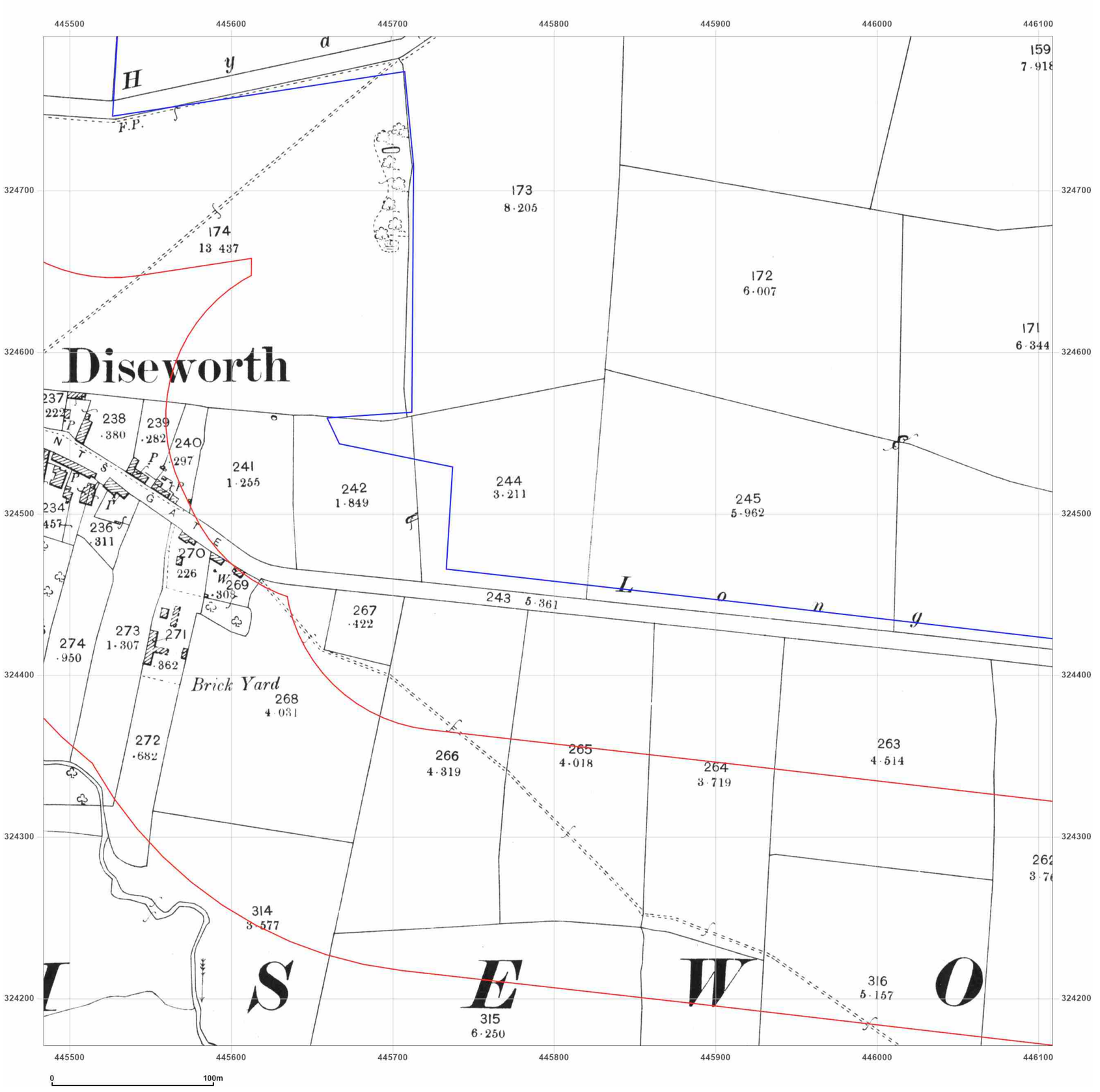
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: County Series

Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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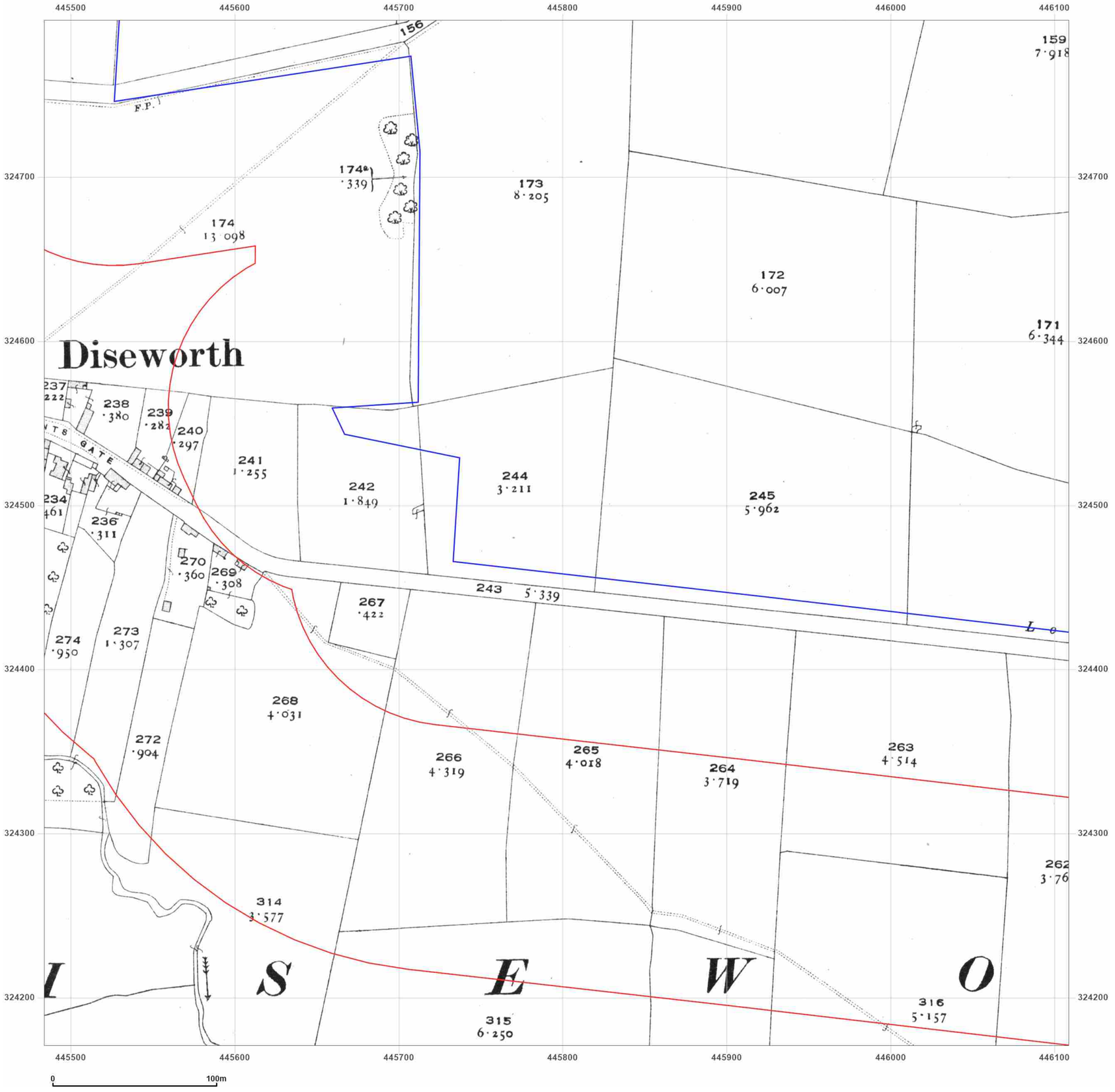
Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: County Series
Map date: **1921**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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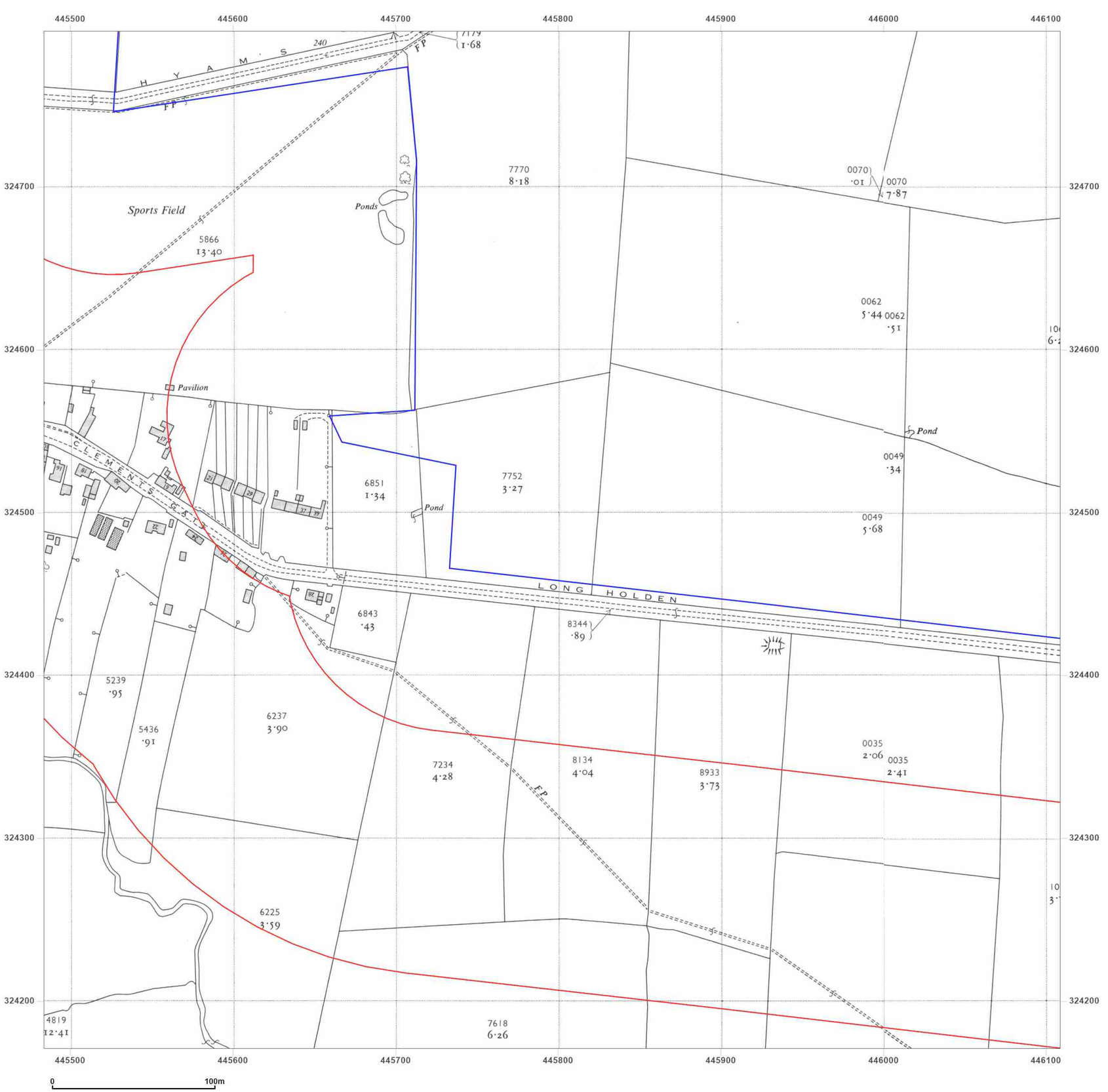
Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid

Map date: **1962-1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1948

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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Production date: 13 December 2024

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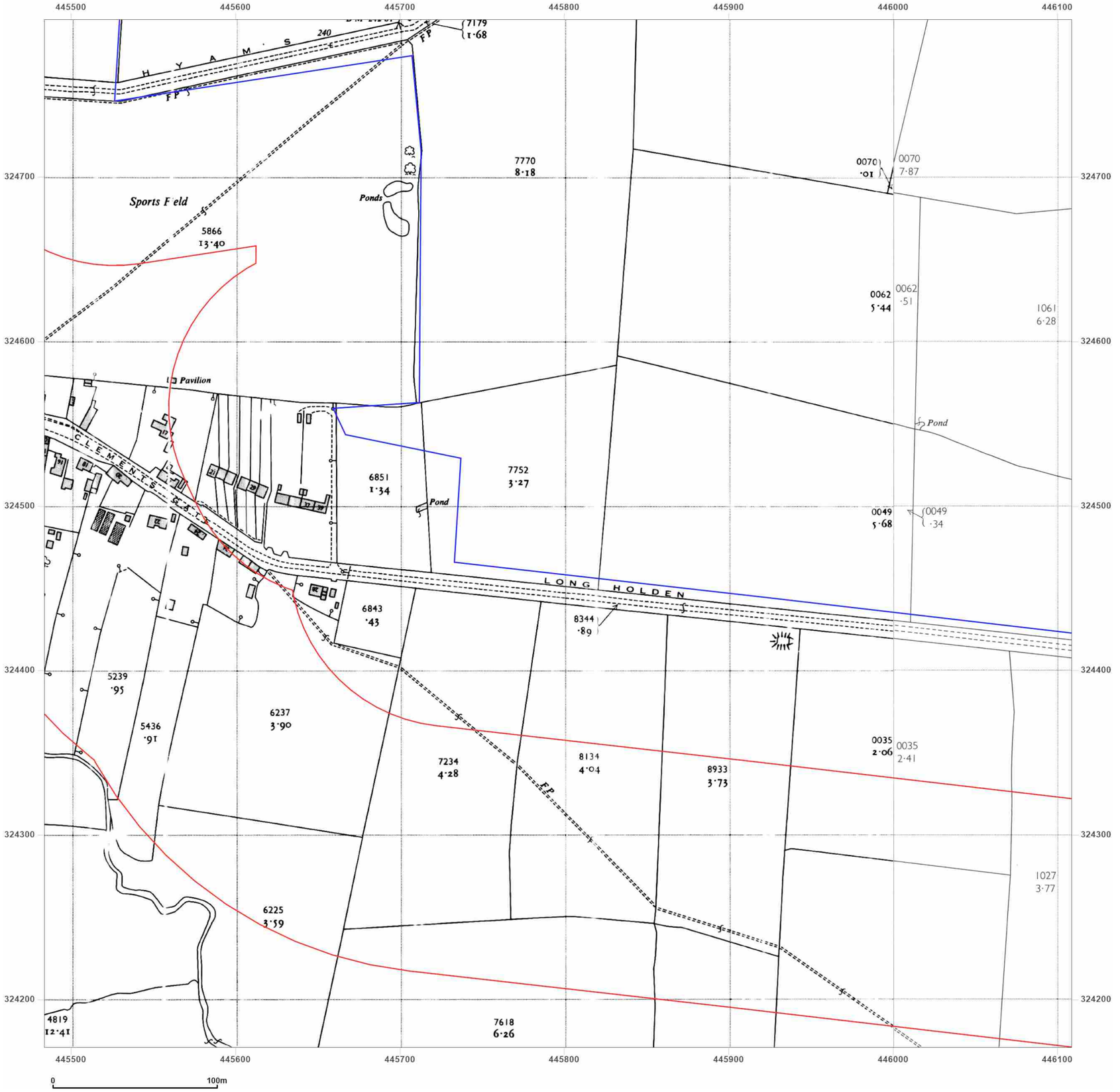

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid

Map date: **1963-1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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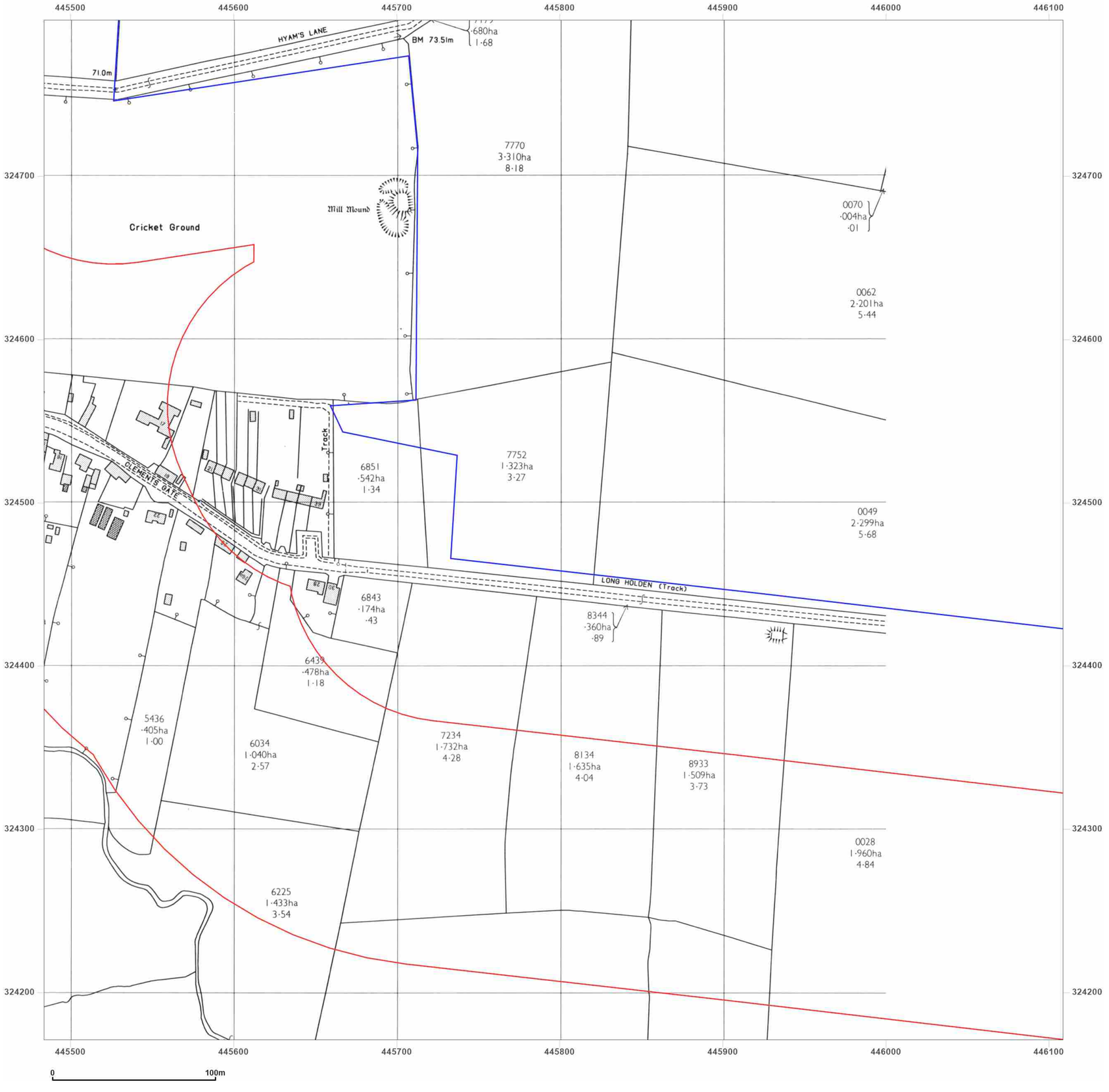

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid

Map date: **1980**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1978
Revised 1978
Edition N/A
Copyright 1980
Levelled 1966

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Production date: 13 December 2024

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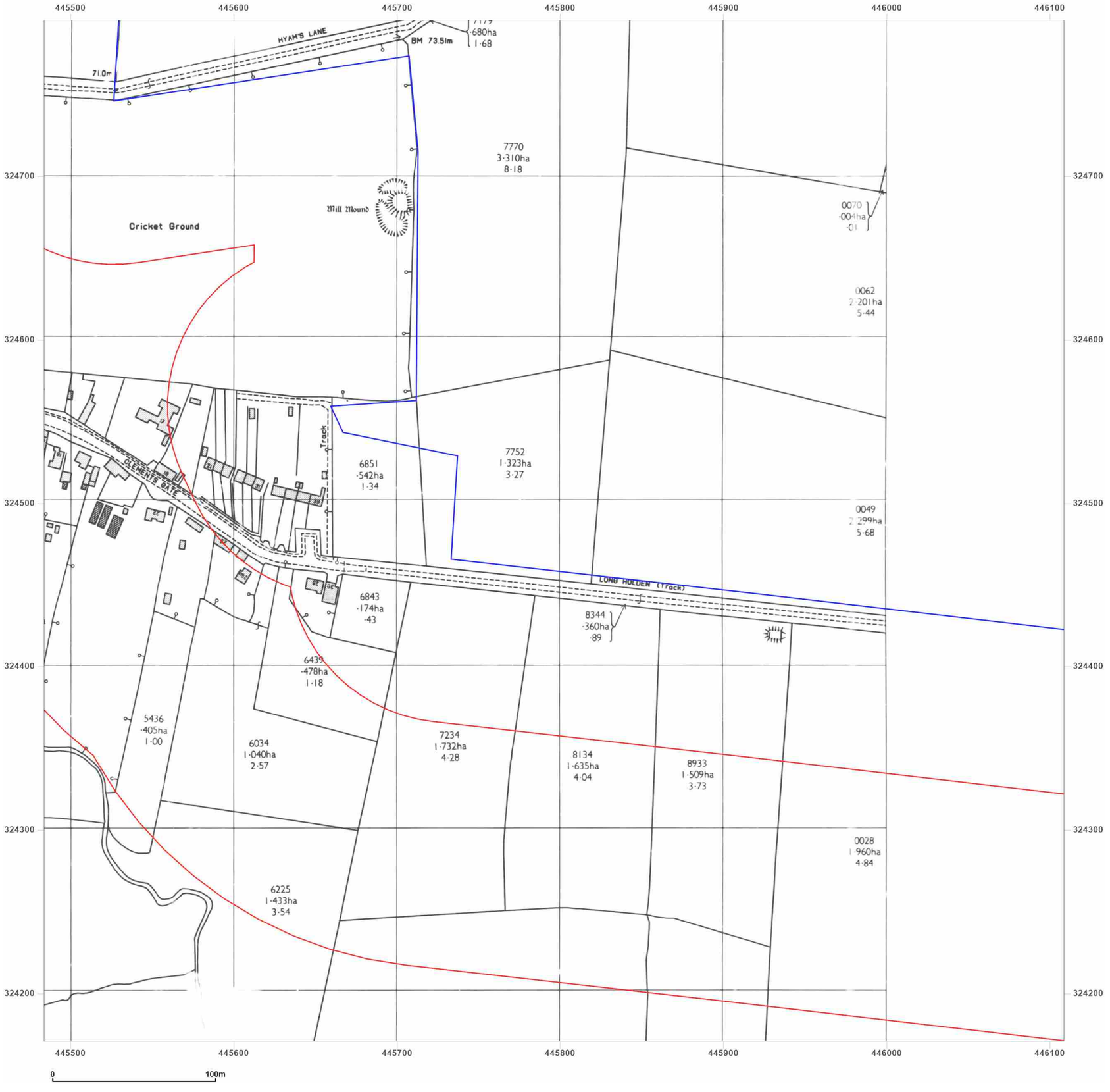

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid

Map date: **1980**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1980
Revised 1980
Edition N/A
Copyright N/A
Levelled N/A

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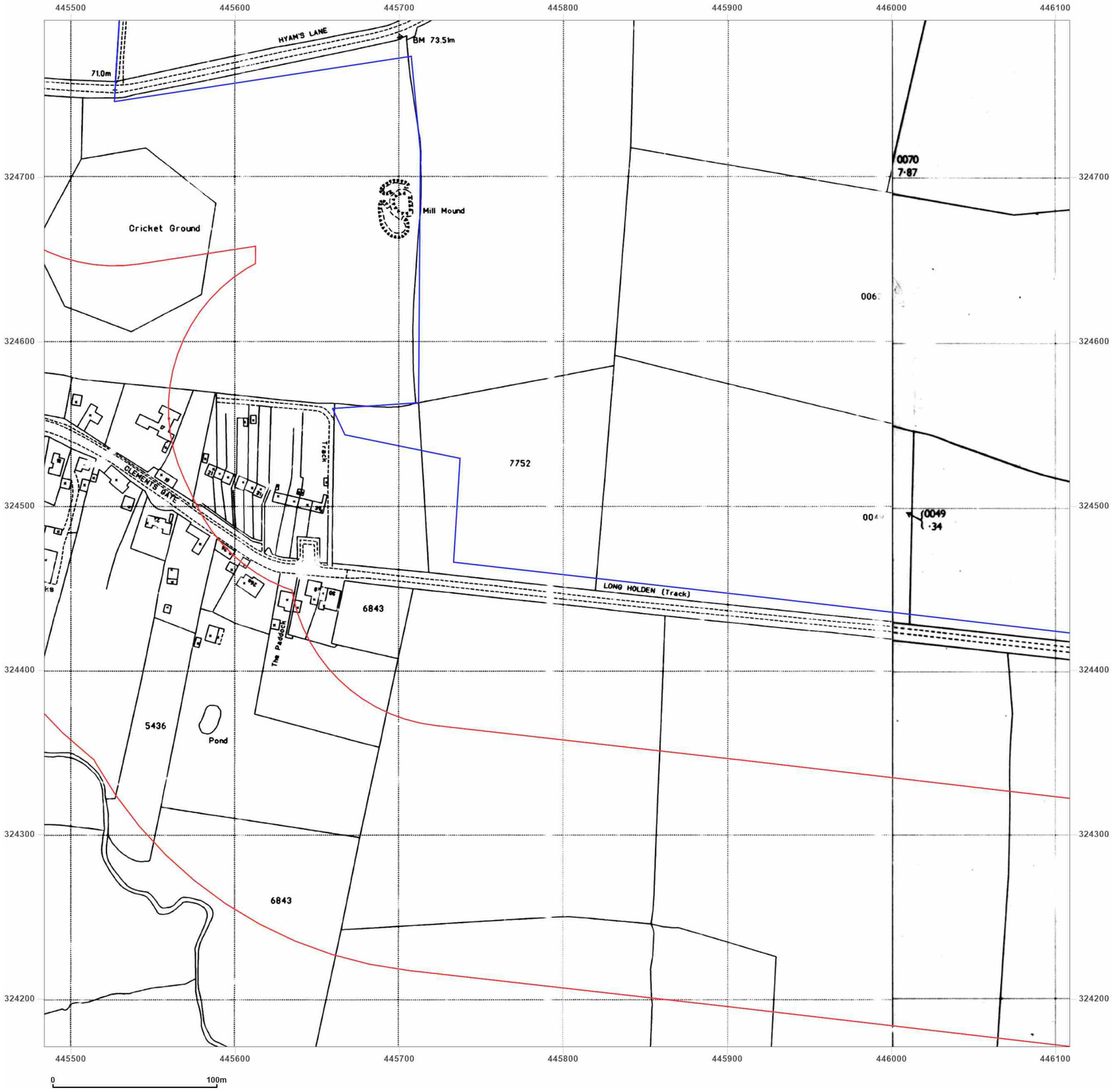
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid
Map date: **1991-1994**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed N/A	Surveyed 1966
Revised N/A	Revised 1991
Edition N/A	Edition N/A
Copyright 1994	Copyright 1991
Levelled N/A	Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

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Site Details:

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(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_1
Grid Ref: 445796, 324483

Map Name: National Grid

Map date: **1992-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966	Surveyed N/A
Revised 1992	Revised N/A
Edition N/A	Edition N/A
Copyright 1992	Copyright 1994
Levelled 1966	Levelled N/A

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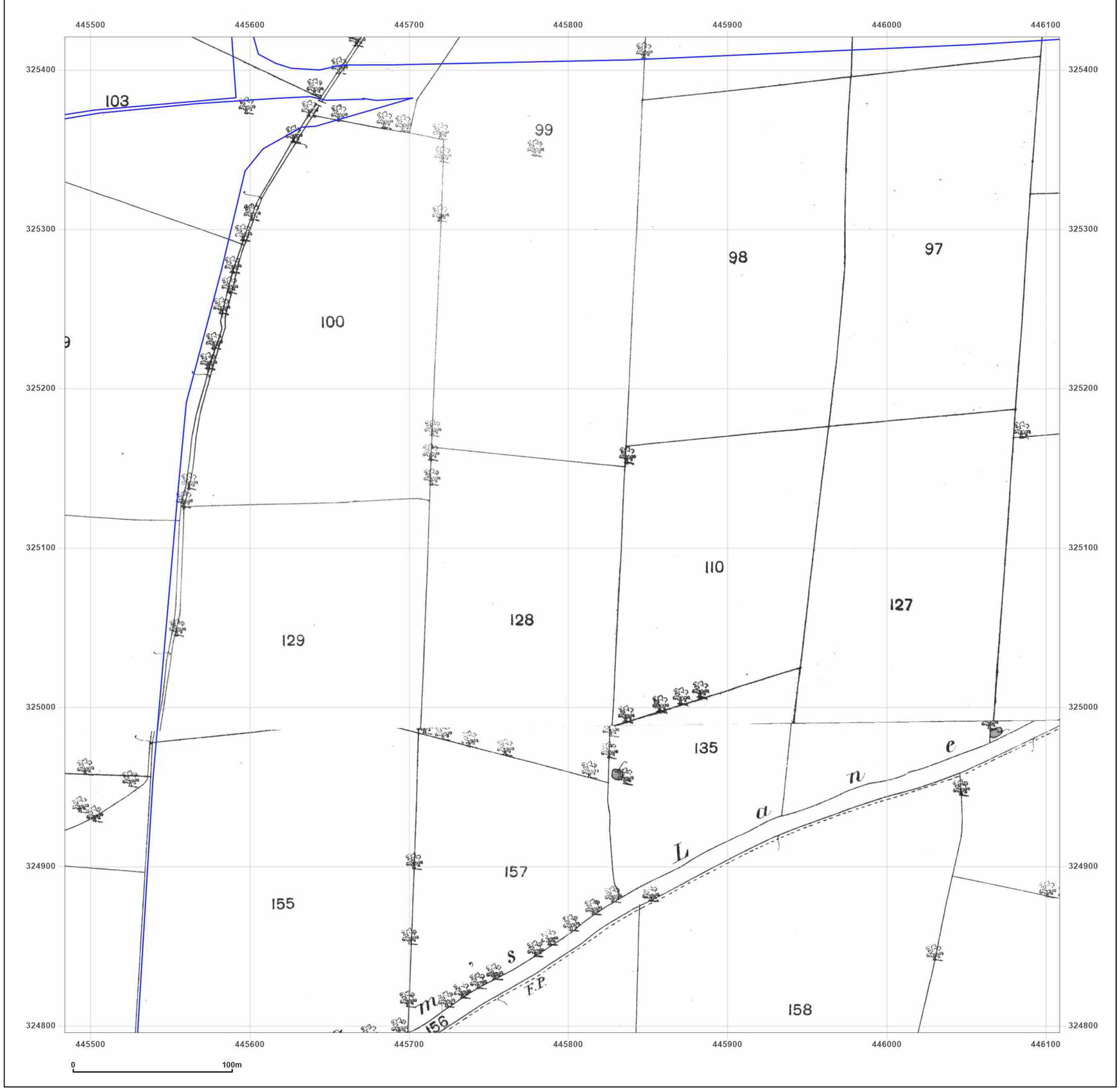
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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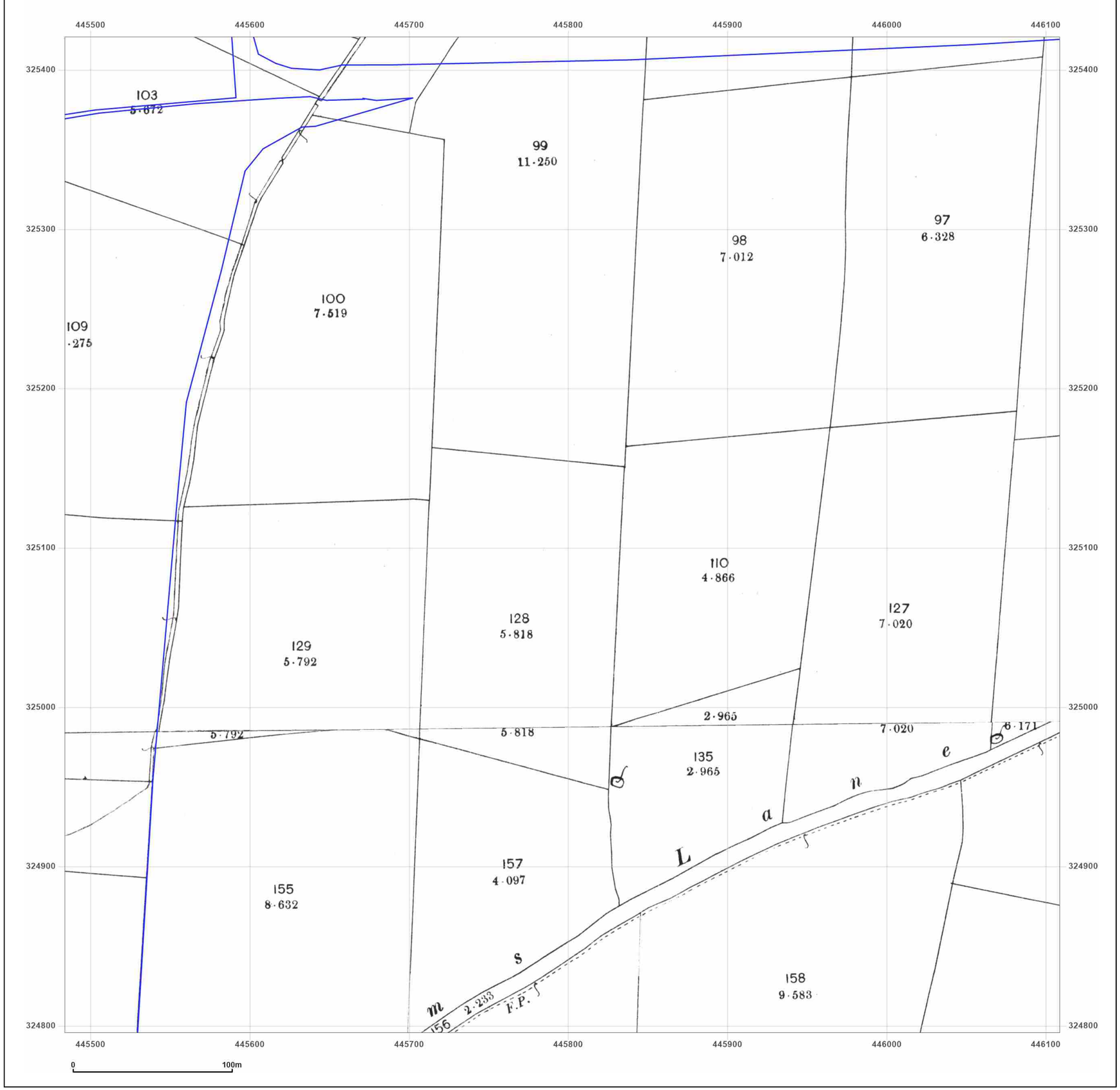
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: County Series

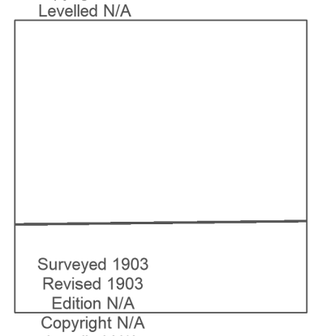
Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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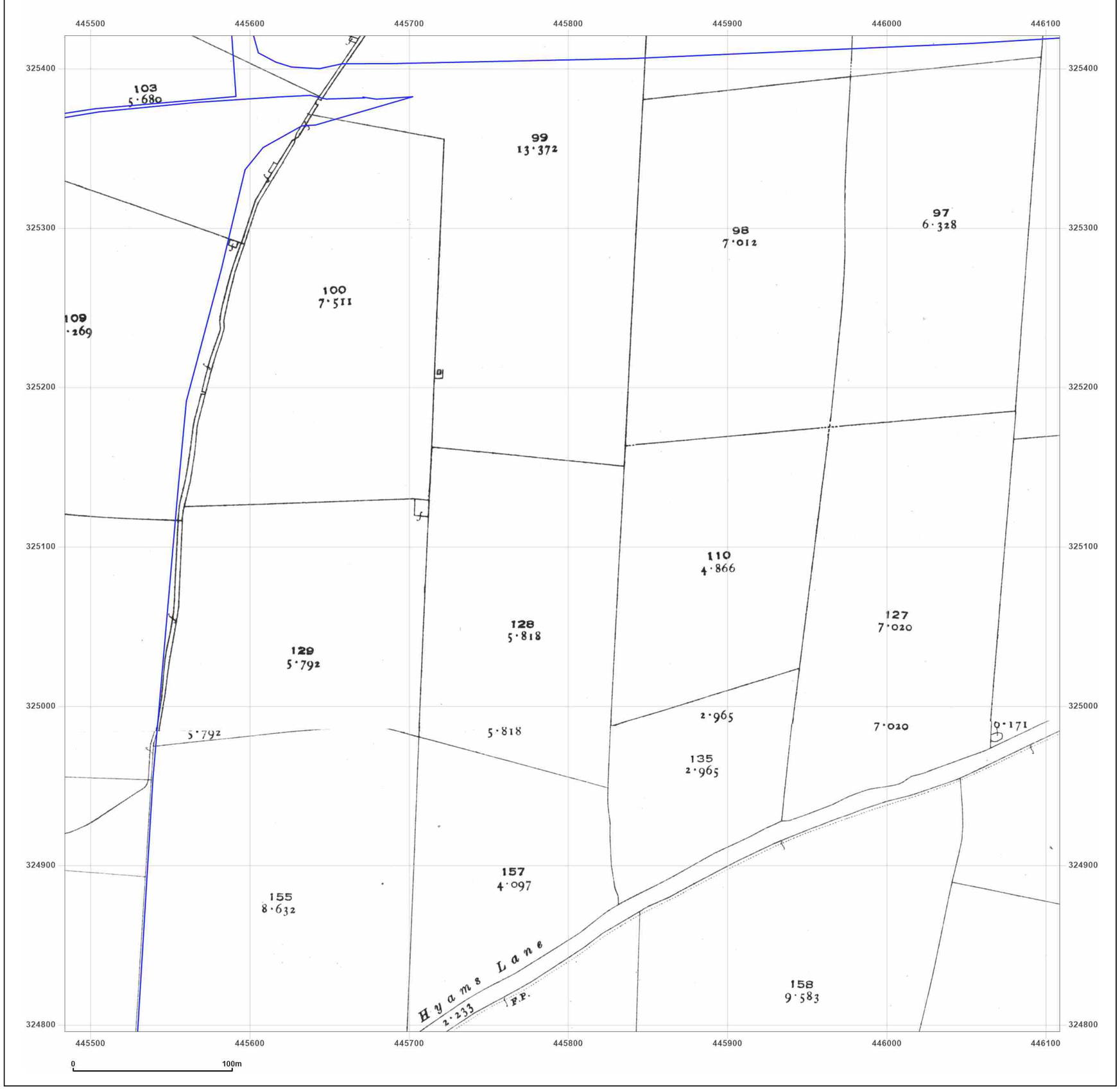
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: County Series

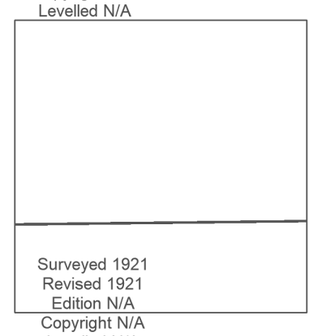
Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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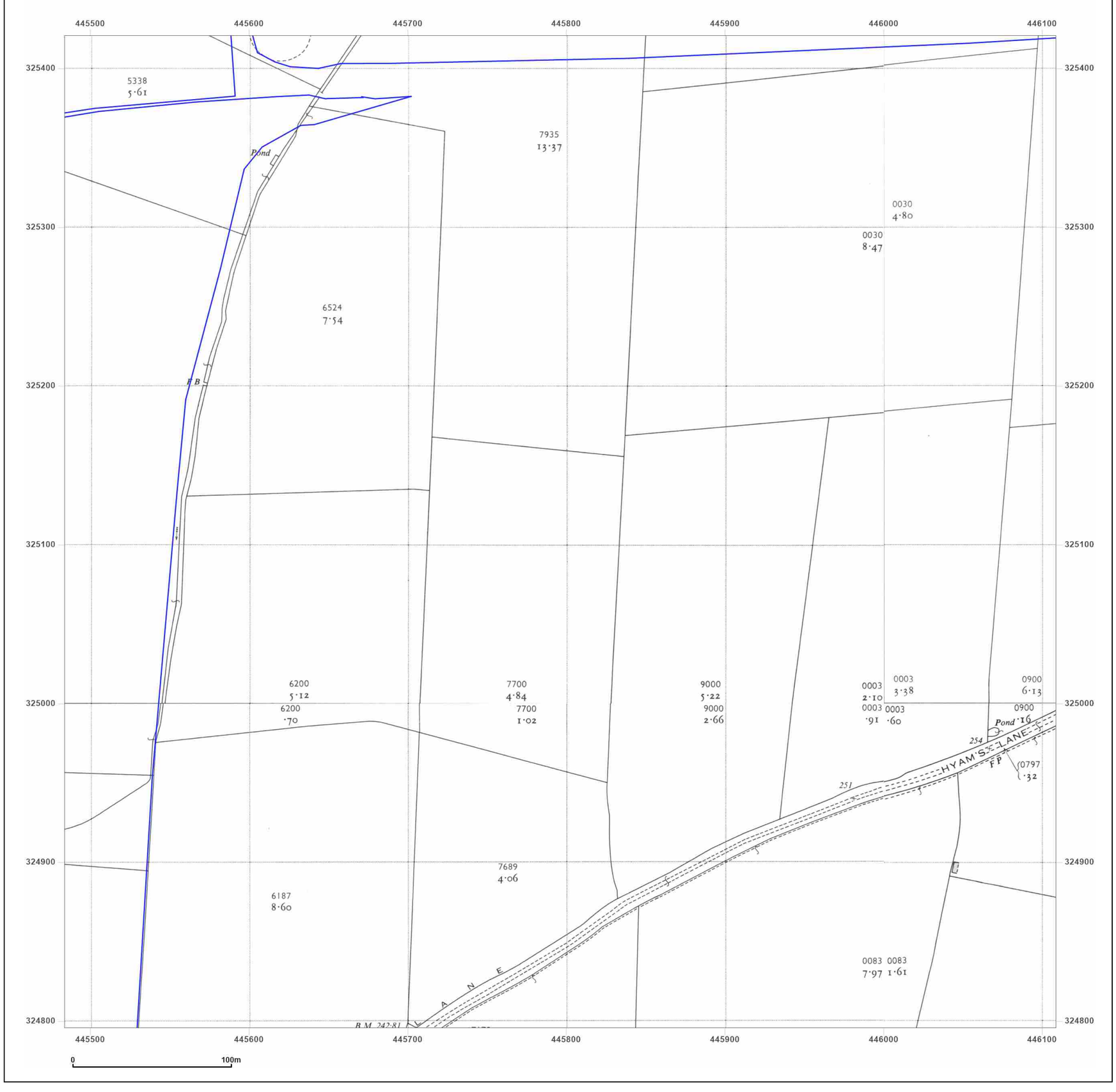
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1962-1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1948

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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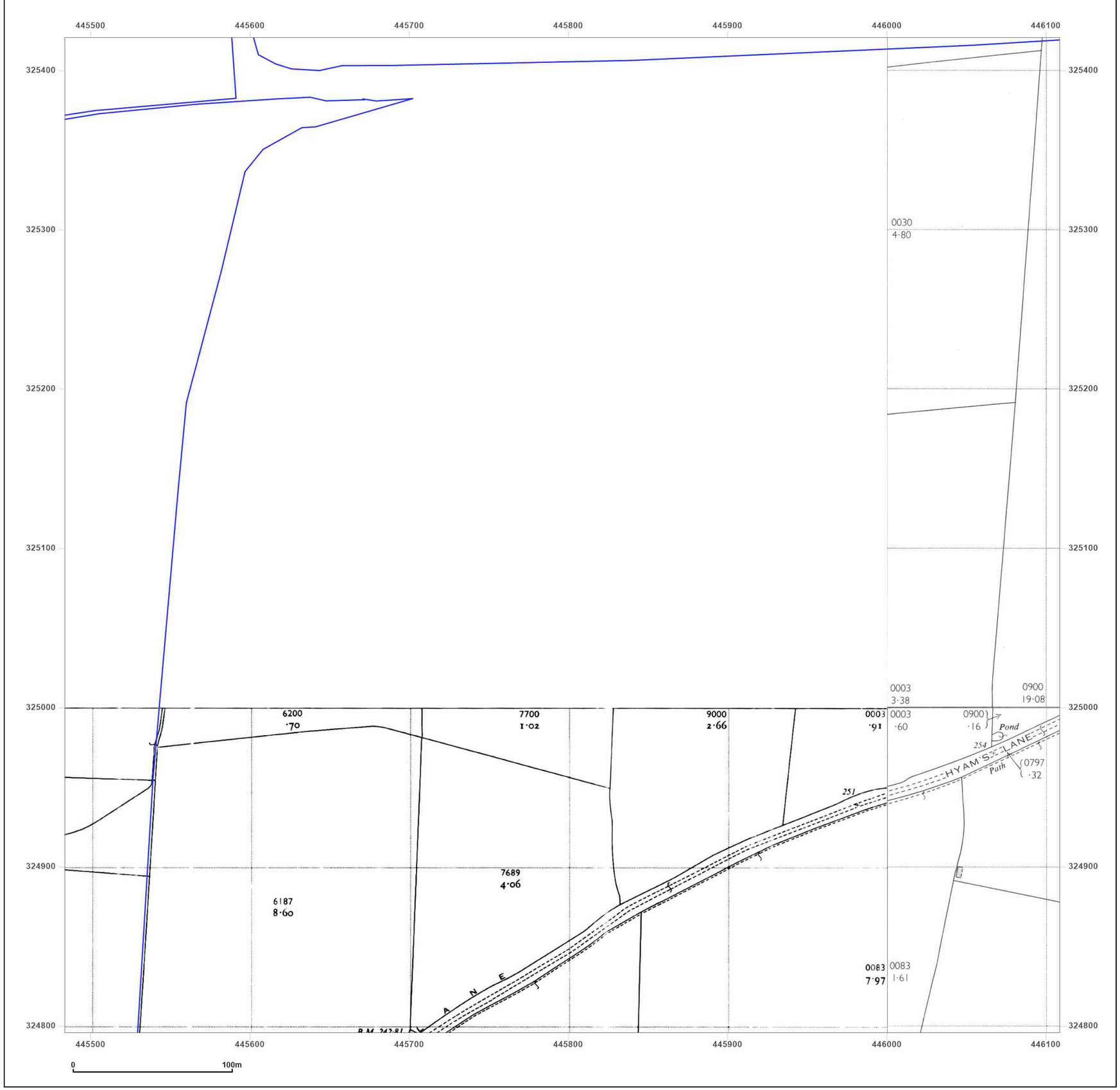
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1963-1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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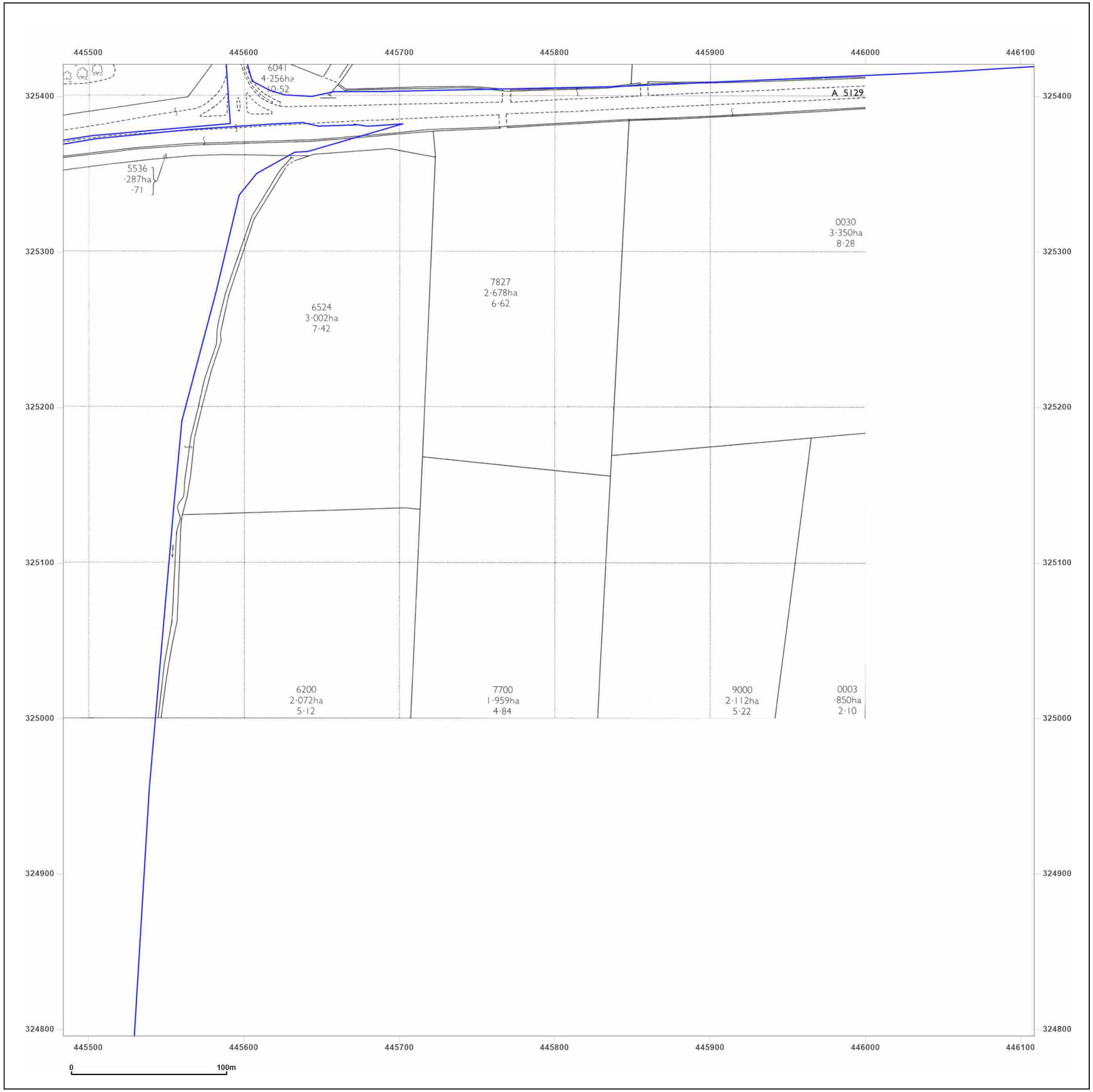
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

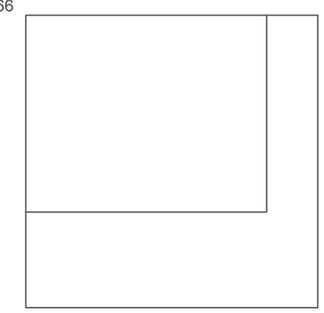
Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised 1971
Edition N/A
Copyright 1971
Levelled 1966



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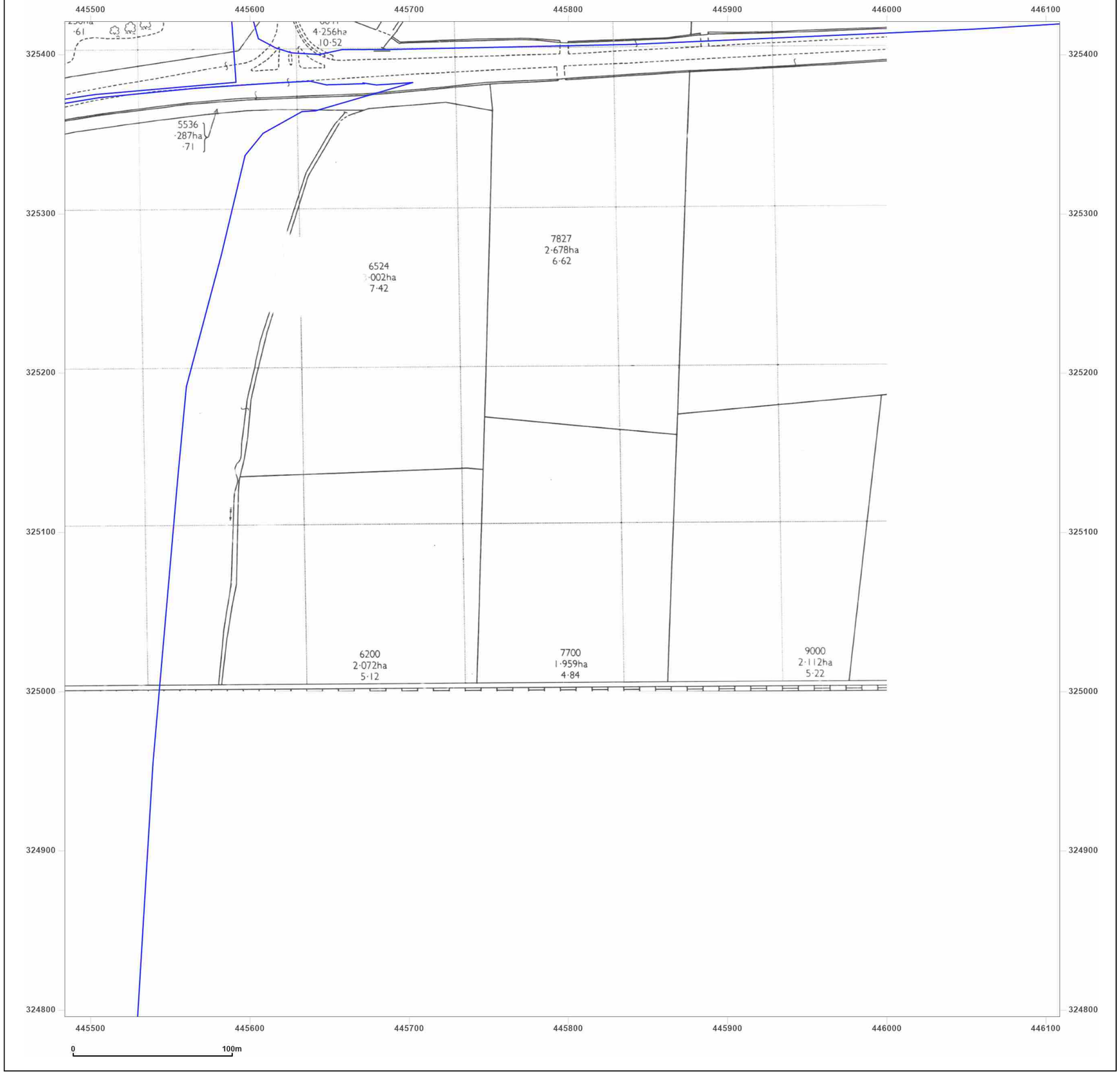
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

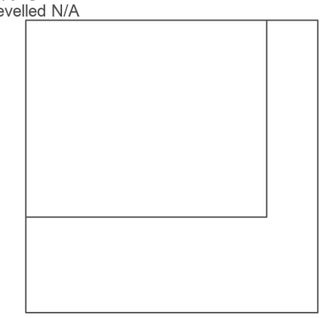
Map date: **1971**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A



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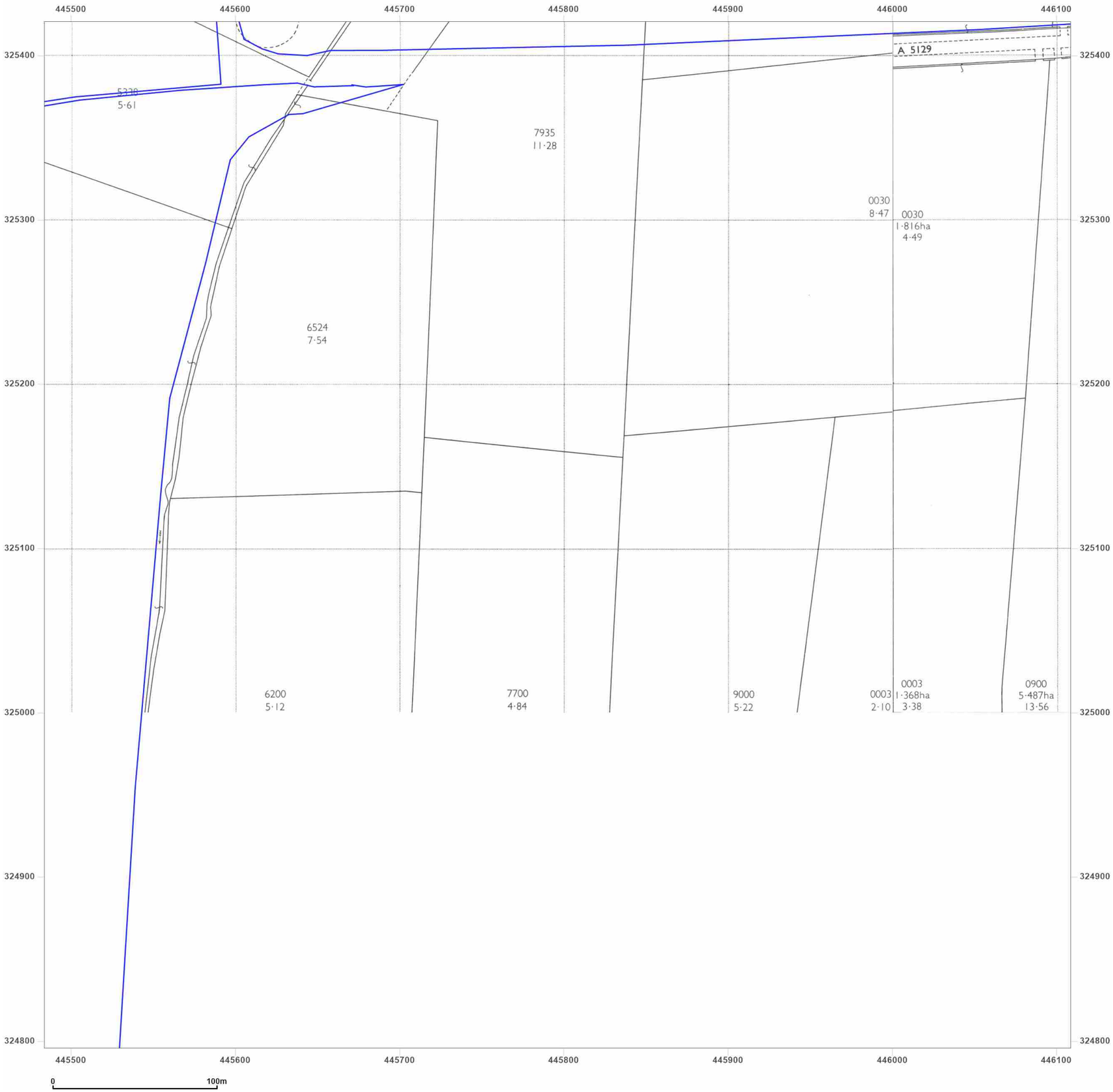
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1969-1972**

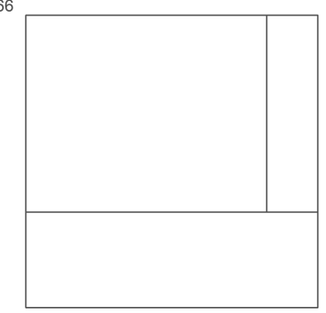
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966



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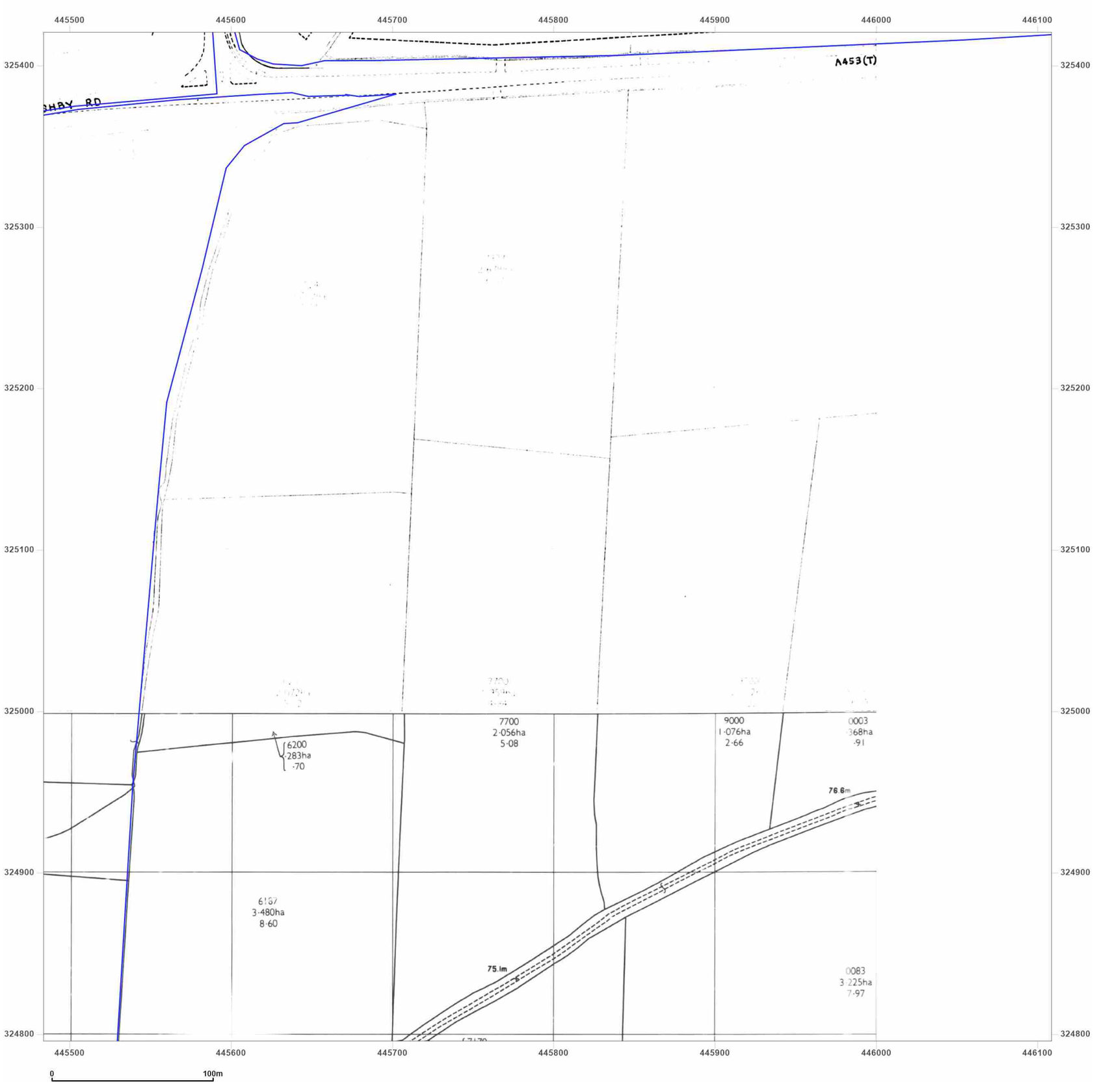
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1980-1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1980
Revised 1980
Edition N/A
Copyright N/A
Levelled N/A

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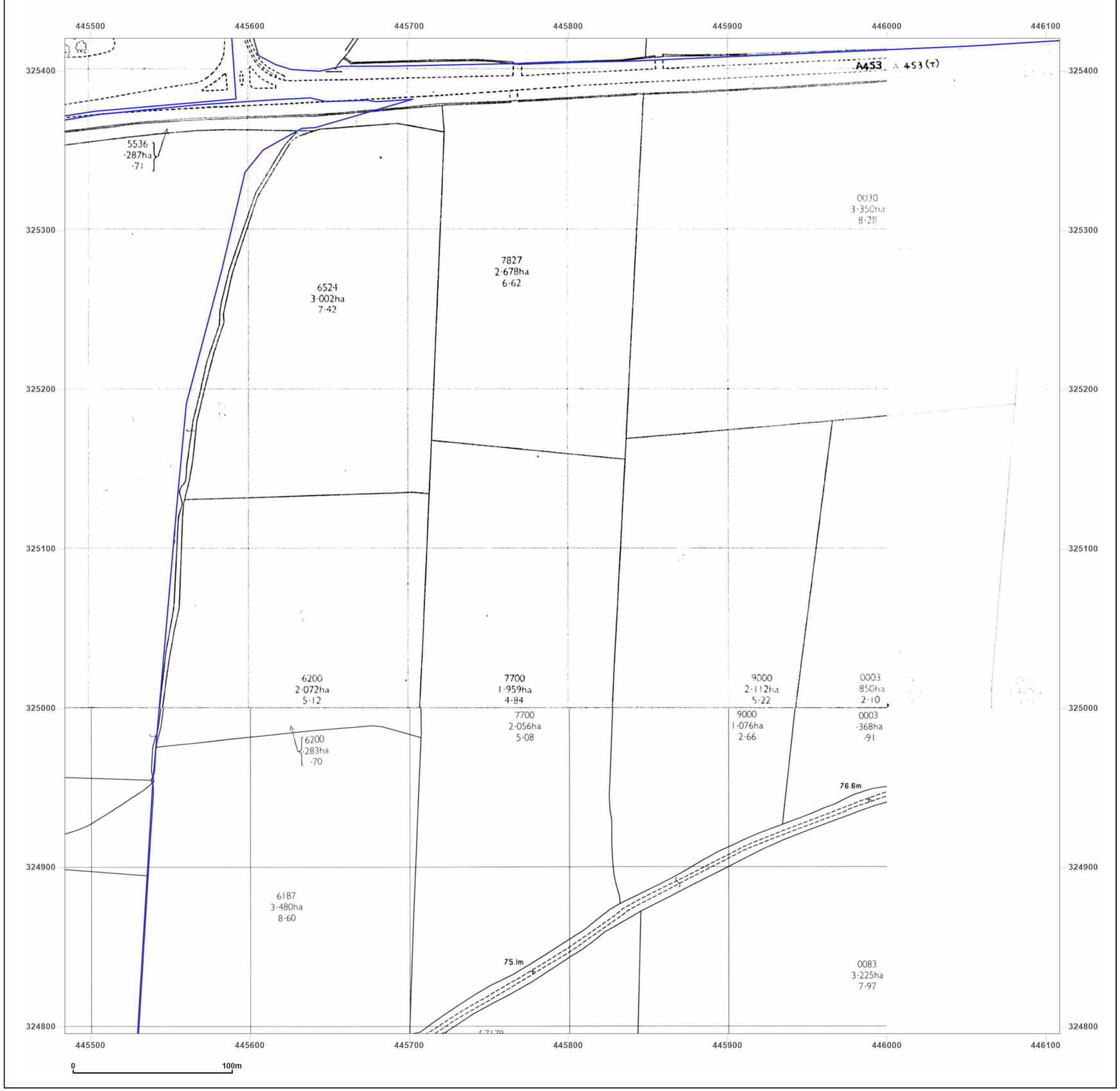
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1980-1984**

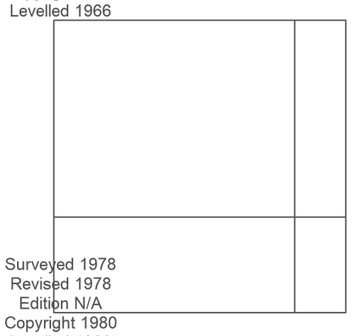
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1983
Edition N/A
Copyright 1983
Levelled 1966

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966



Surveyed 1978
Revised 1978
Edition N/A
Copyright 1980
Levelled 1966

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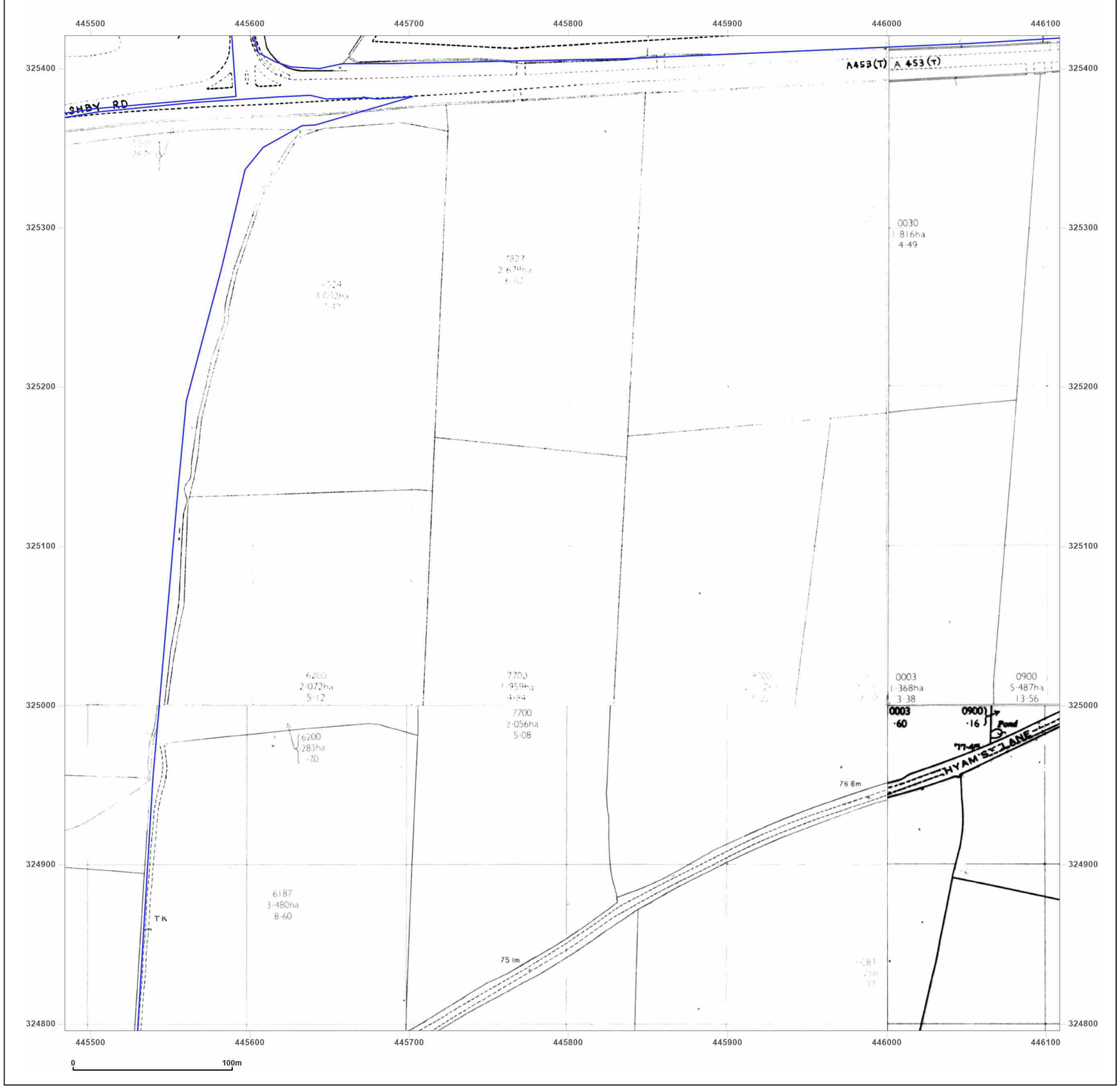
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1987-1992**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1987
Edition N/A
Copyright 1987
Levelled 1966

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1966
Revised 1992
Edition N/A
Copyright 1992
Levelled 1966

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

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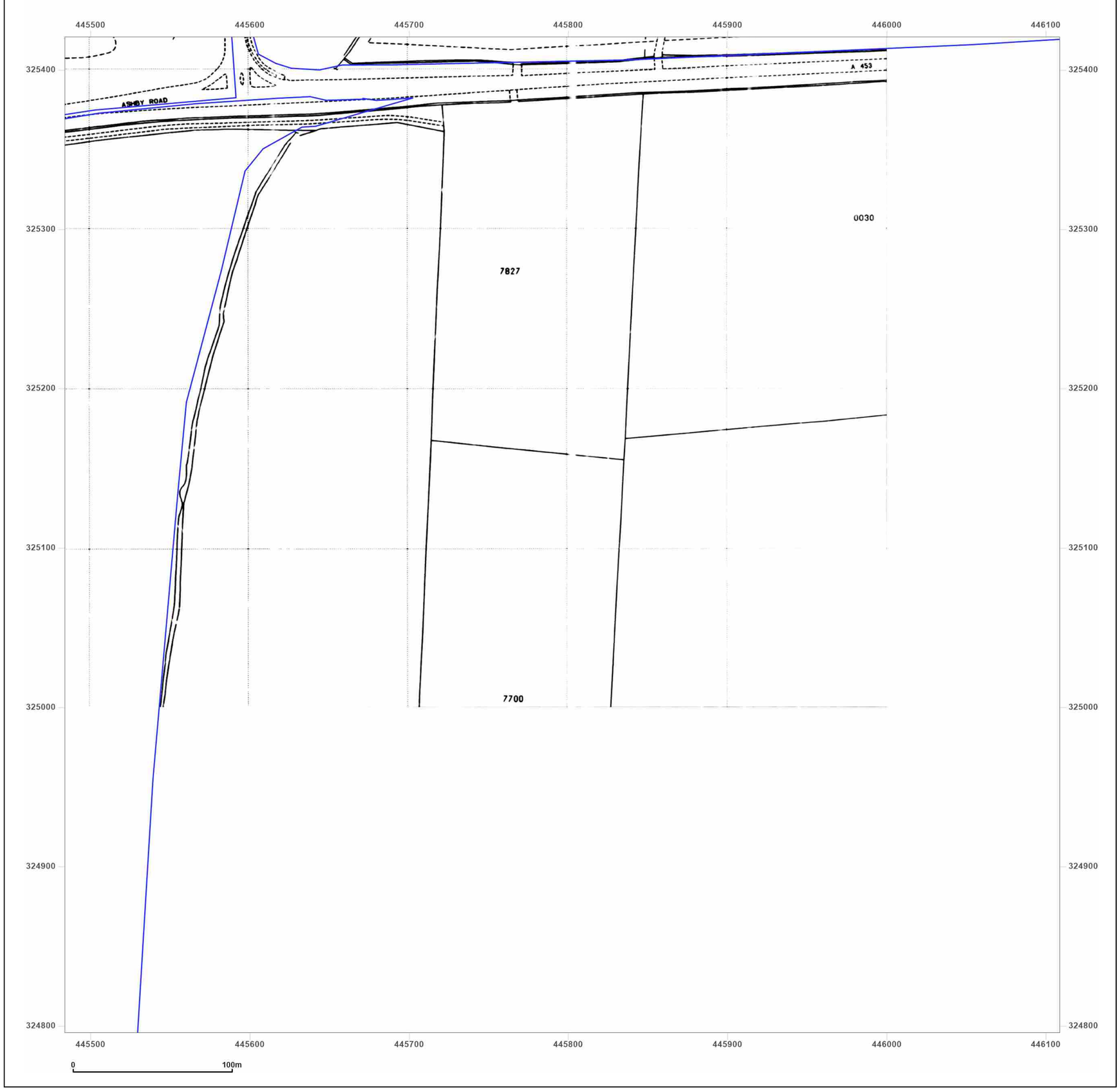
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

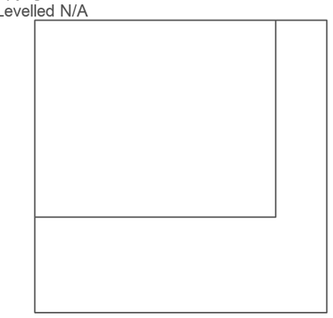
Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A



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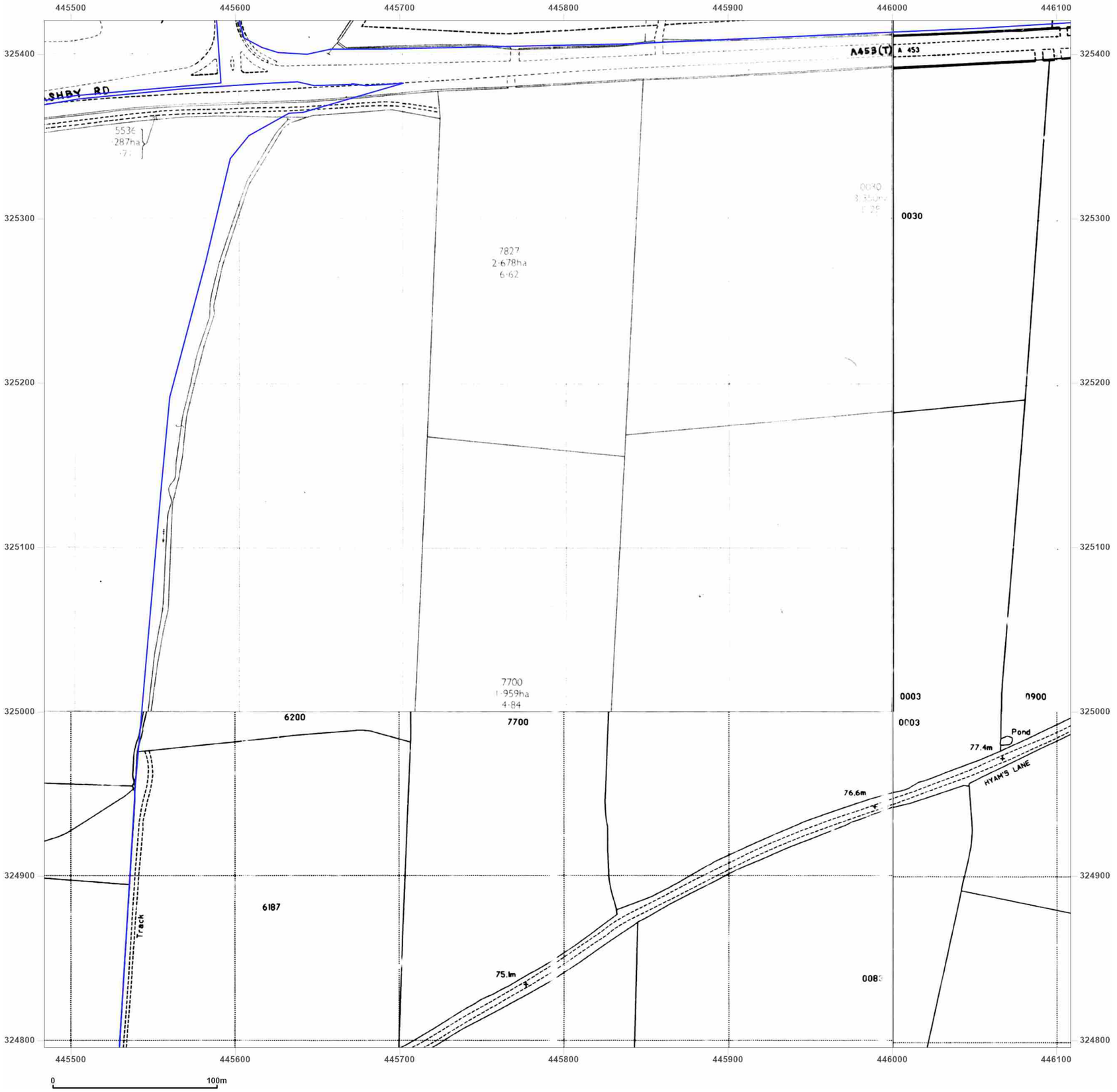
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_2
Grid Ref: 445796, 325108

Map Name: National Grid

Map date: **1991-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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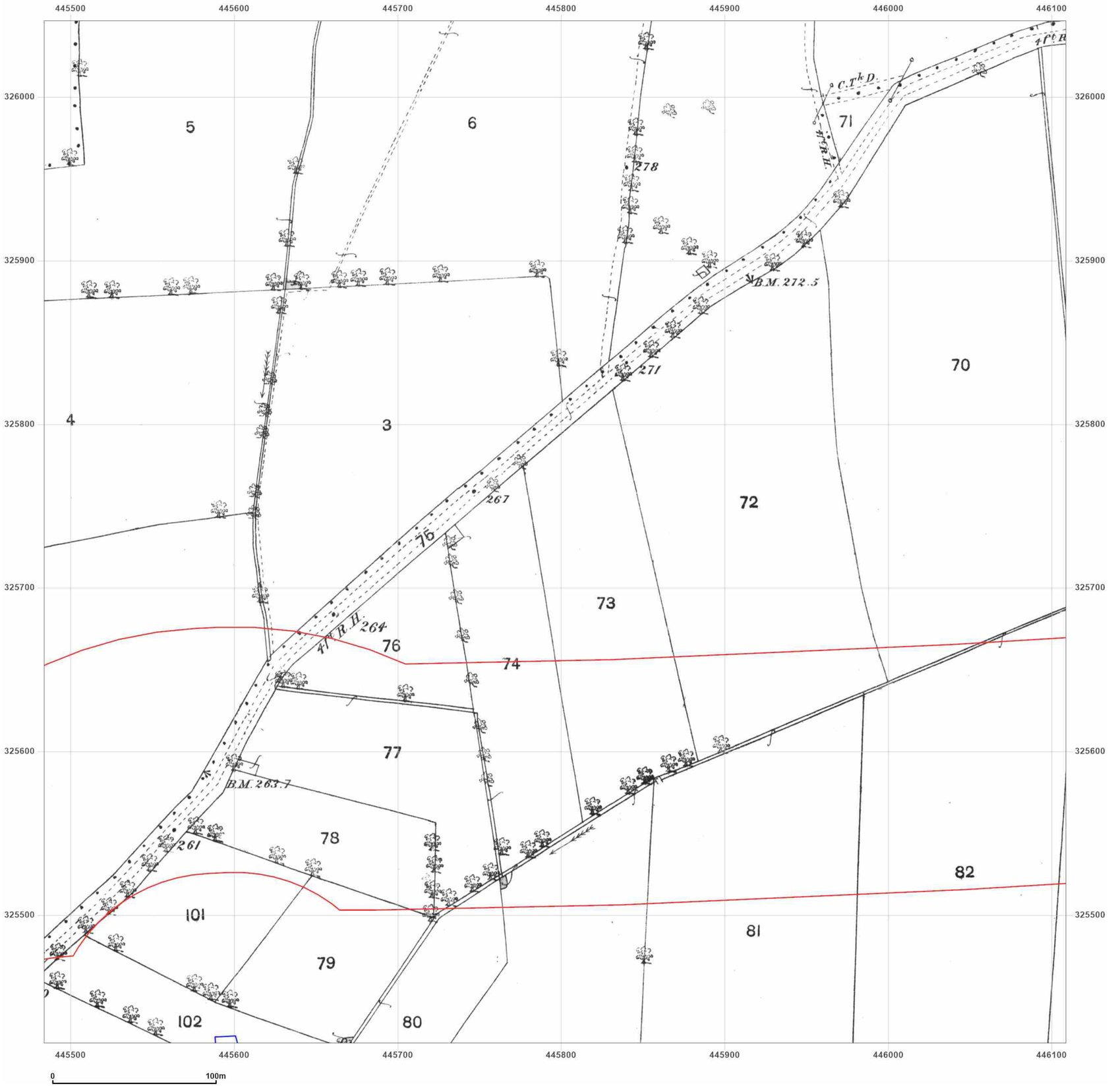
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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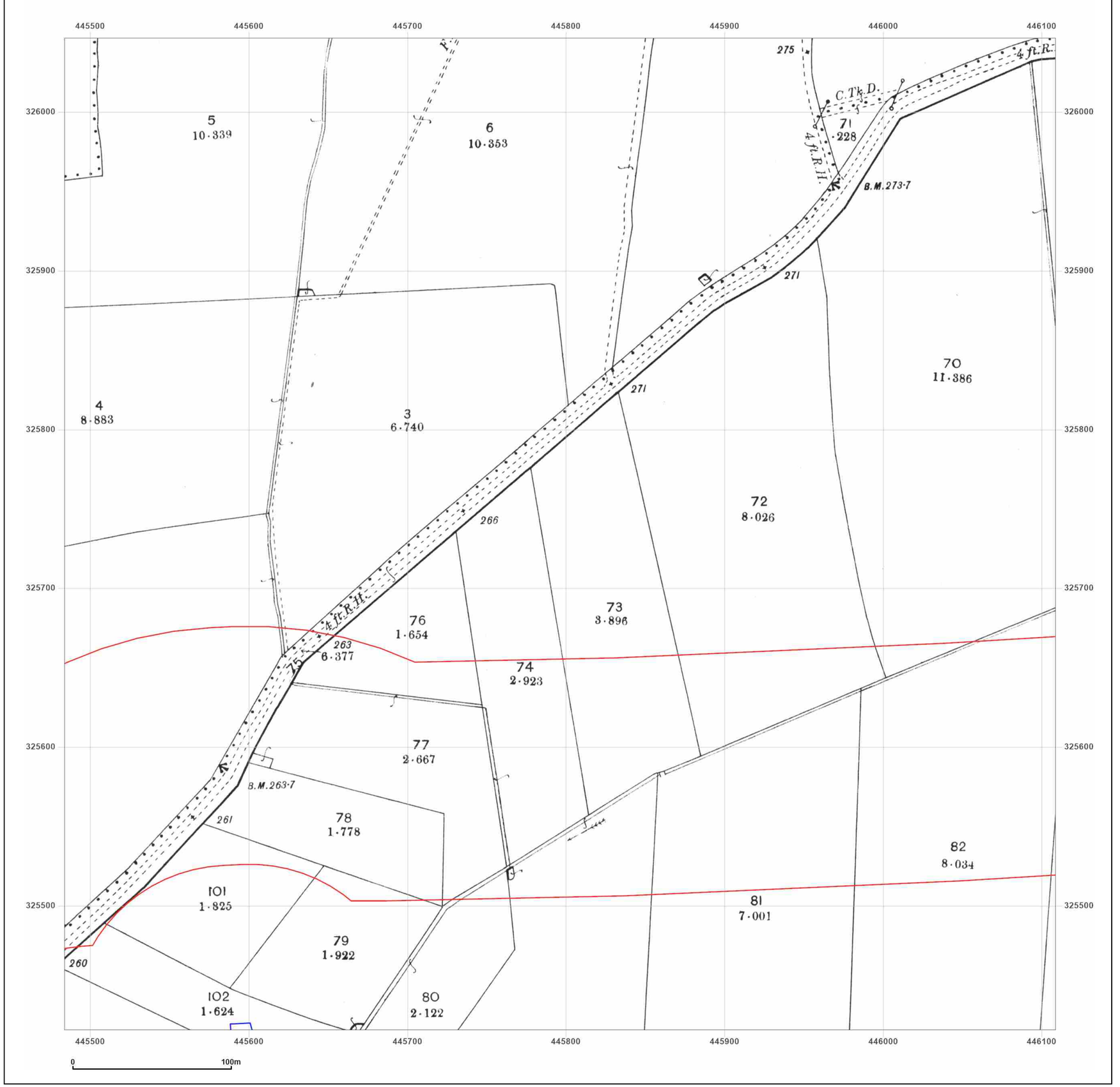
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: County Series
Map date: **1903**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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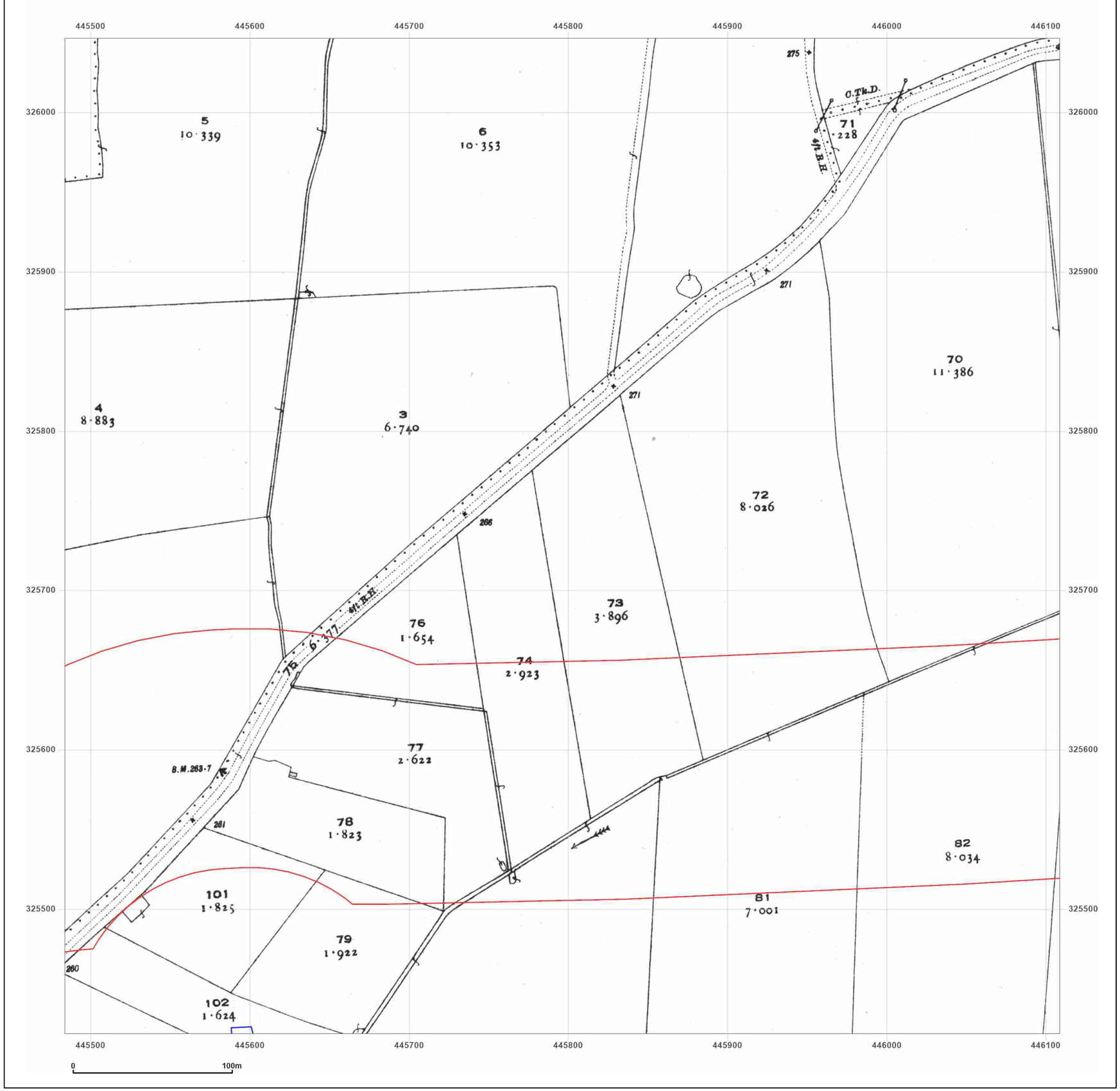
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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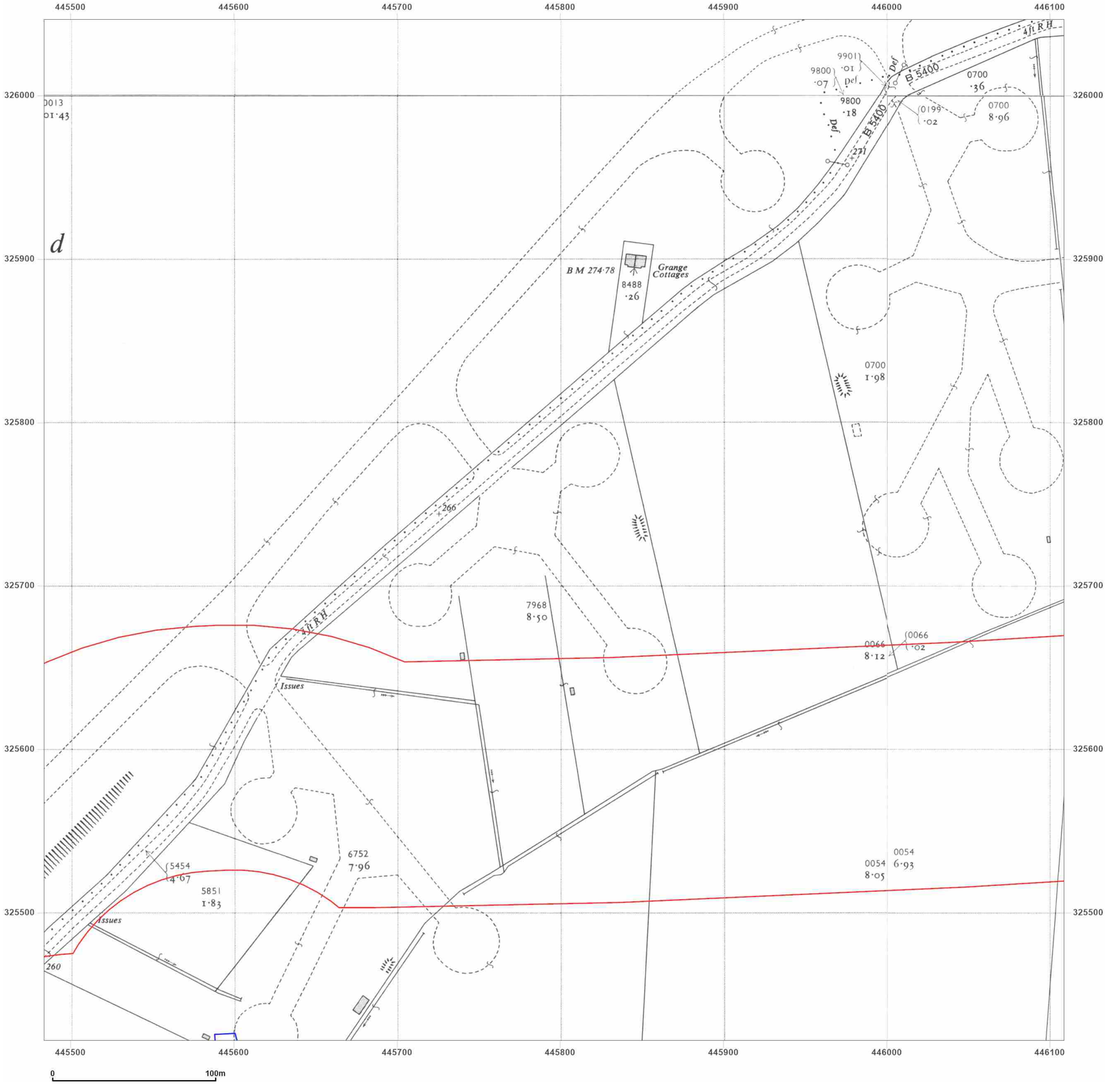
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1962-1963**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1963
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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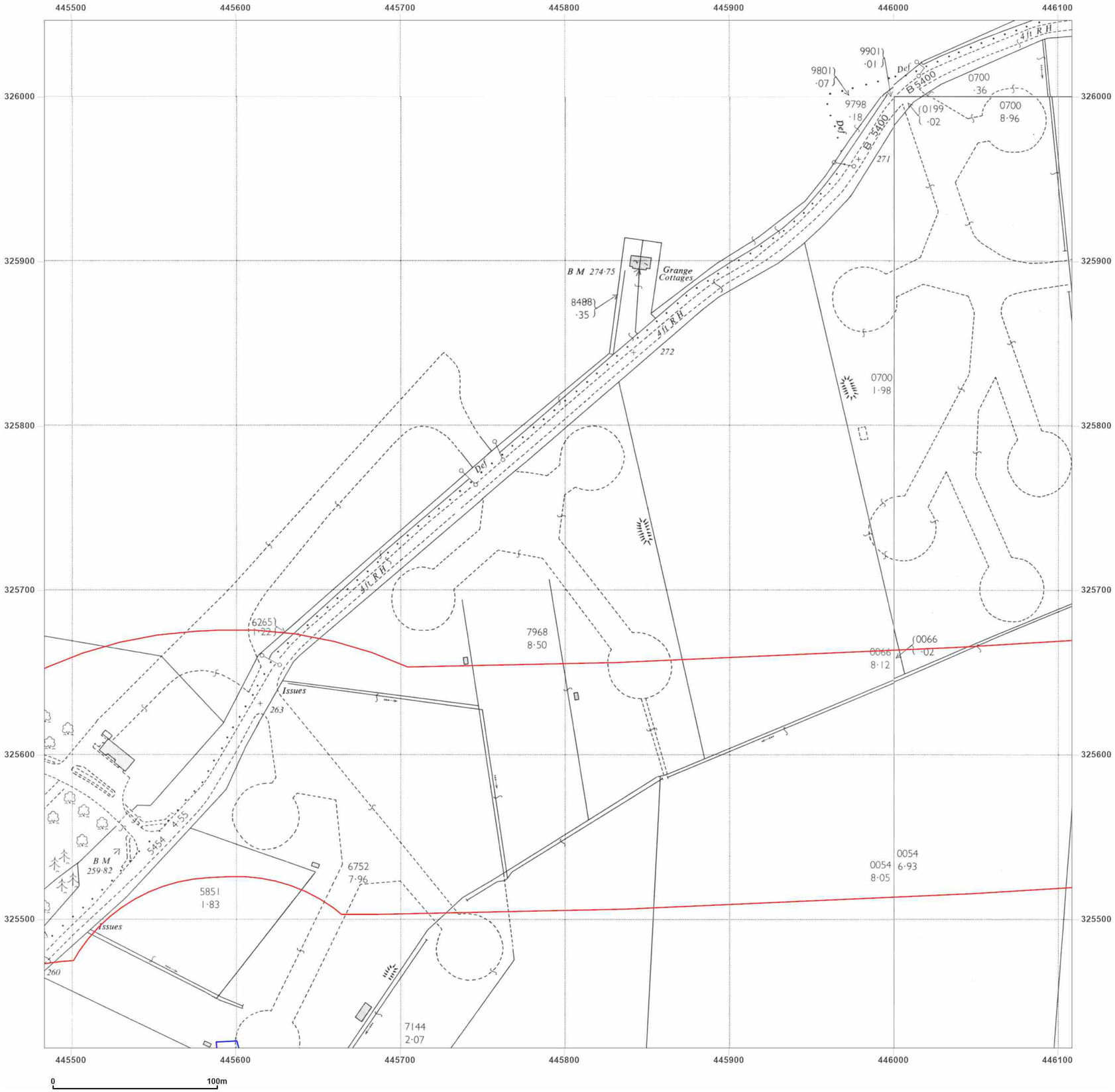
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1967-1969**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1968
Levelled 1966

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

Surveyed 1968
Revised 1968
Edition N/A
Copyright 1969
Levelled 1966

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

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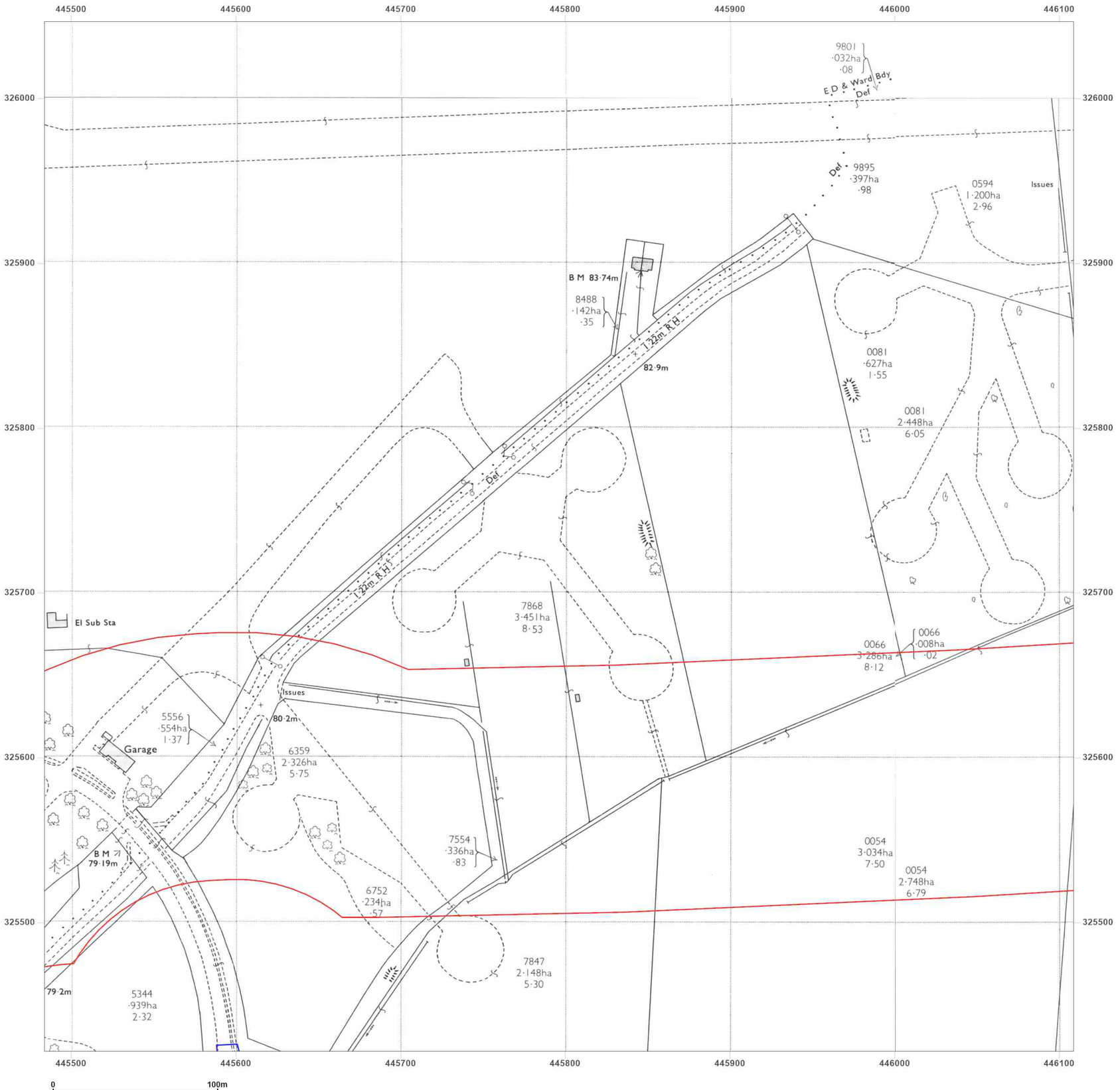
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1971-1975**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1974
Revised 1974
Edition N/A
Copyright 1975
Levelled 1966

Surveyed N/A
Revised 1971
Edition N/A
Copyright 1971
Levelled 1966

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966

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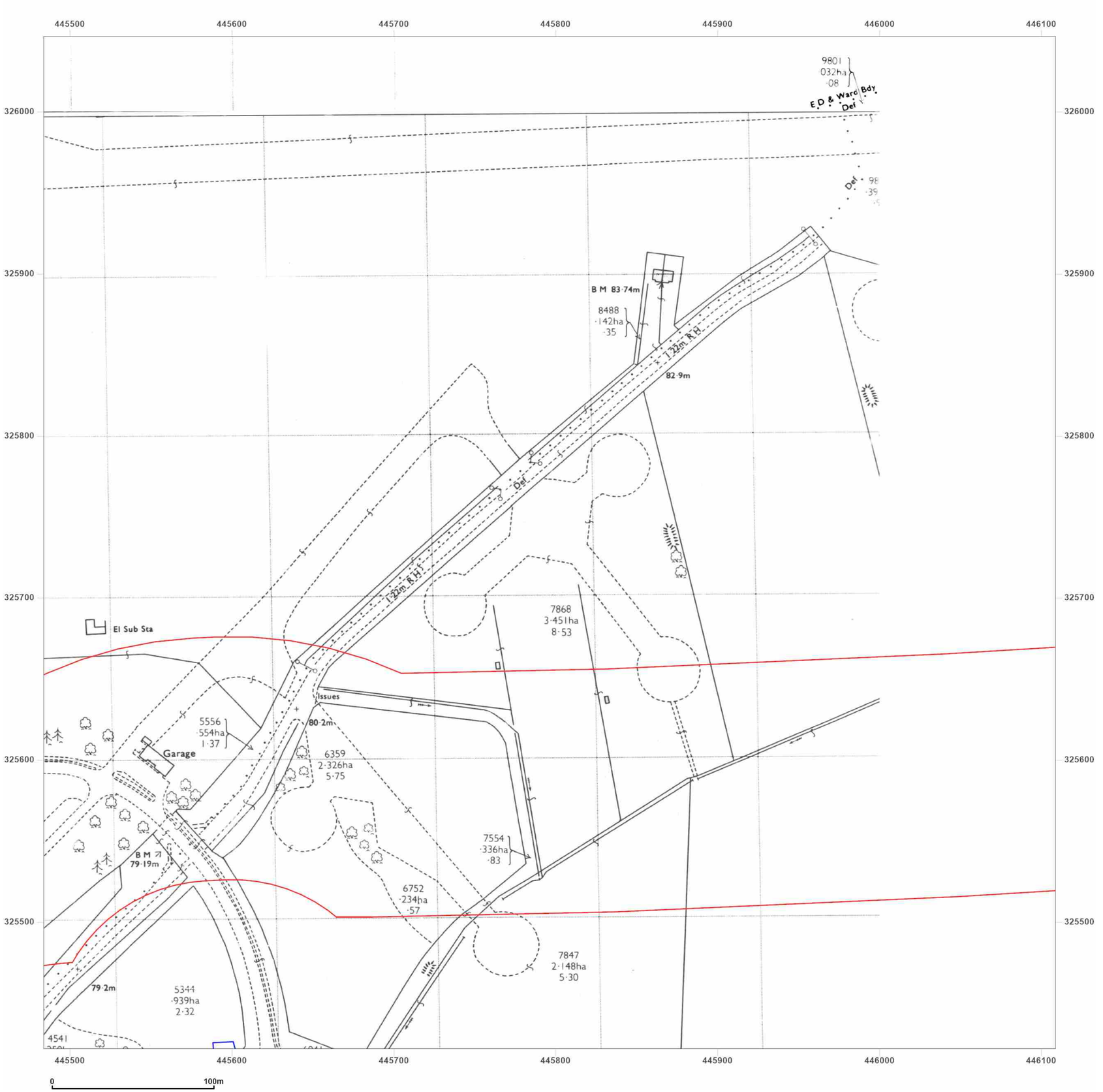
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

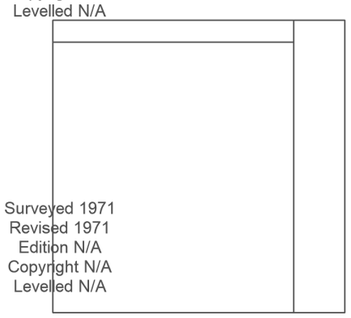
Map date: **1971-1975**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

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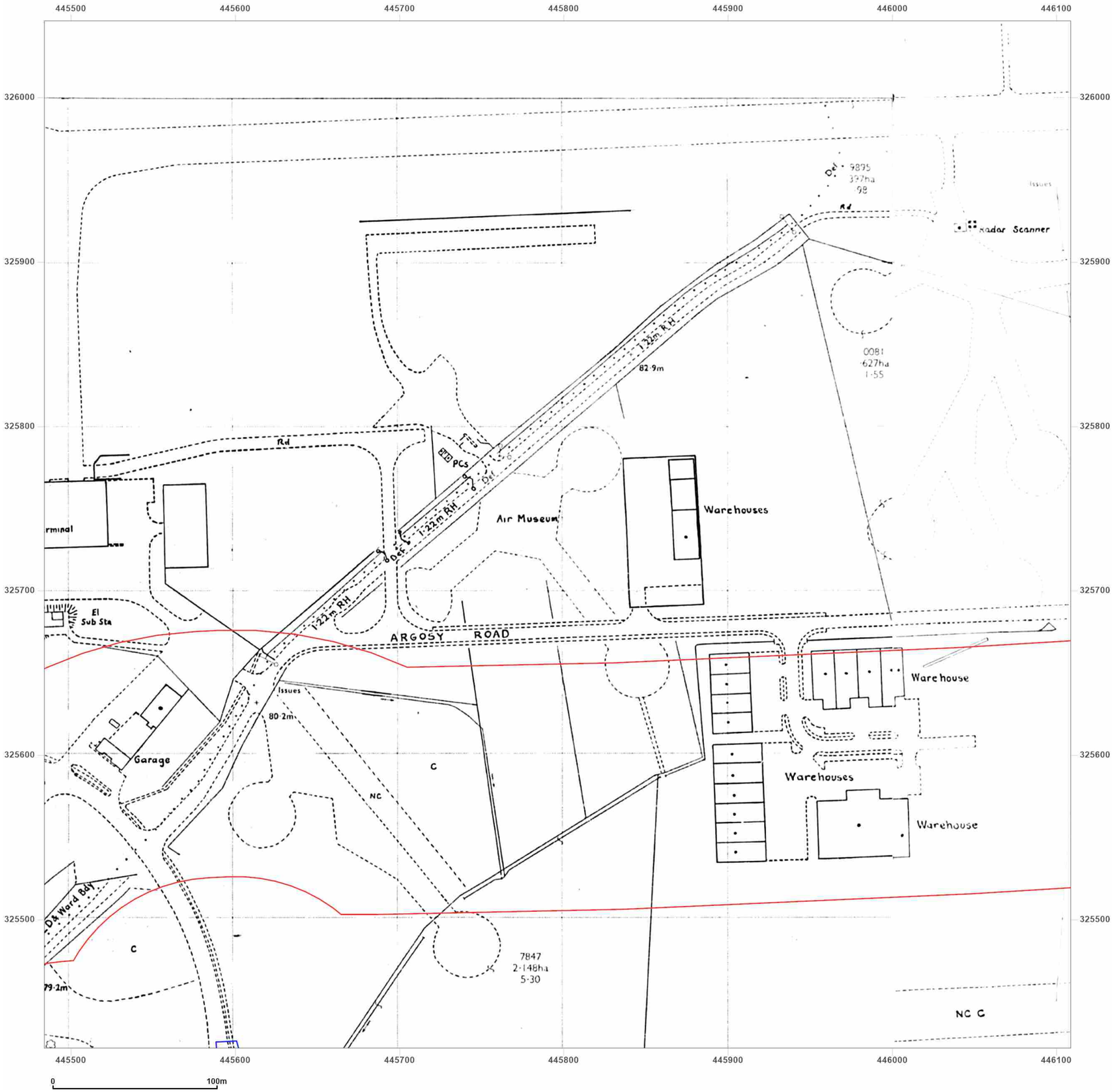
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1983-1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966 Revised 1983 Edition N/A Copyright 1983 Levelled 1966	Surveyed 1966 Revised 1984 Edition N/A Copyright 1984 Levelled 1966

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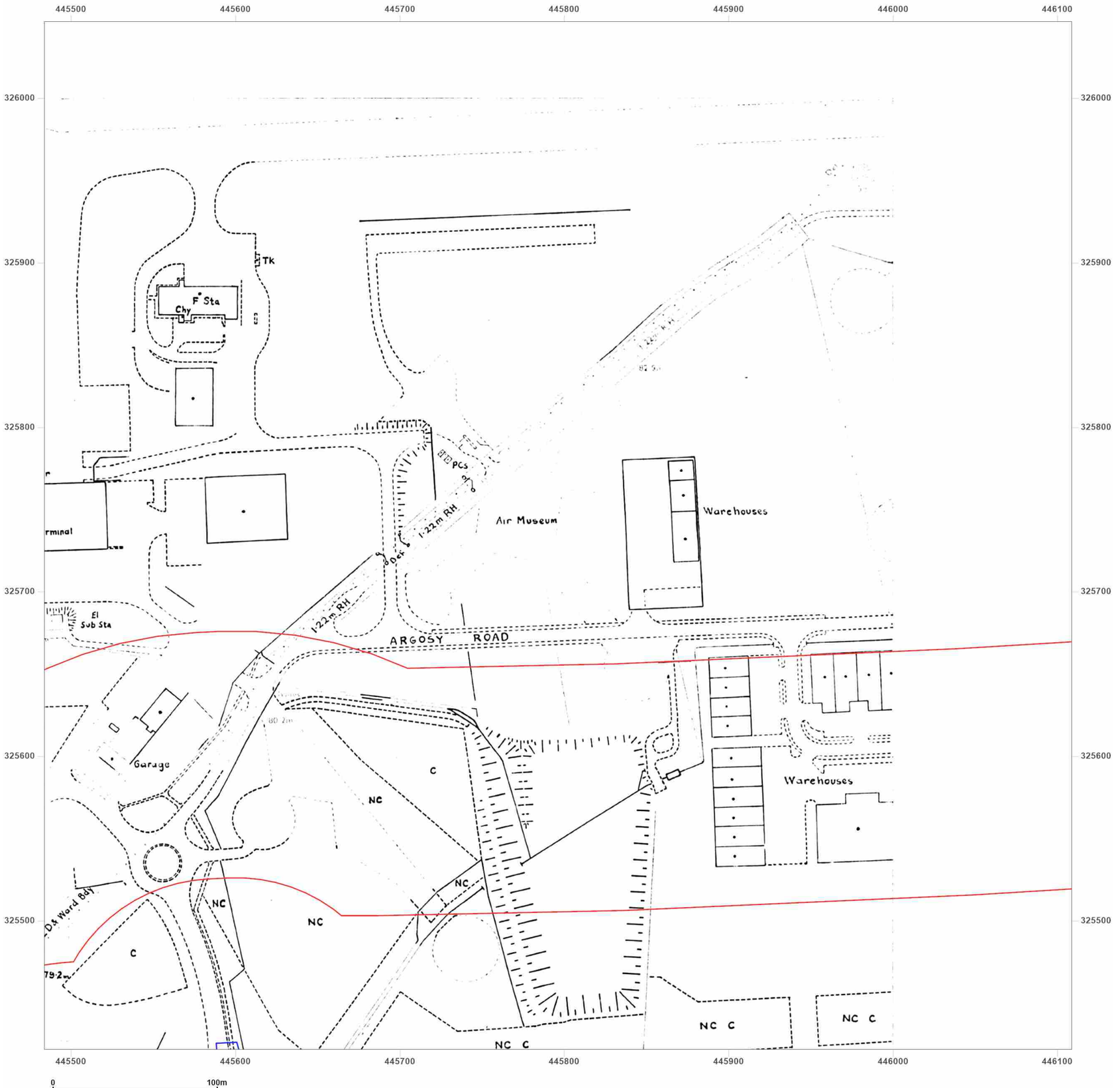
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

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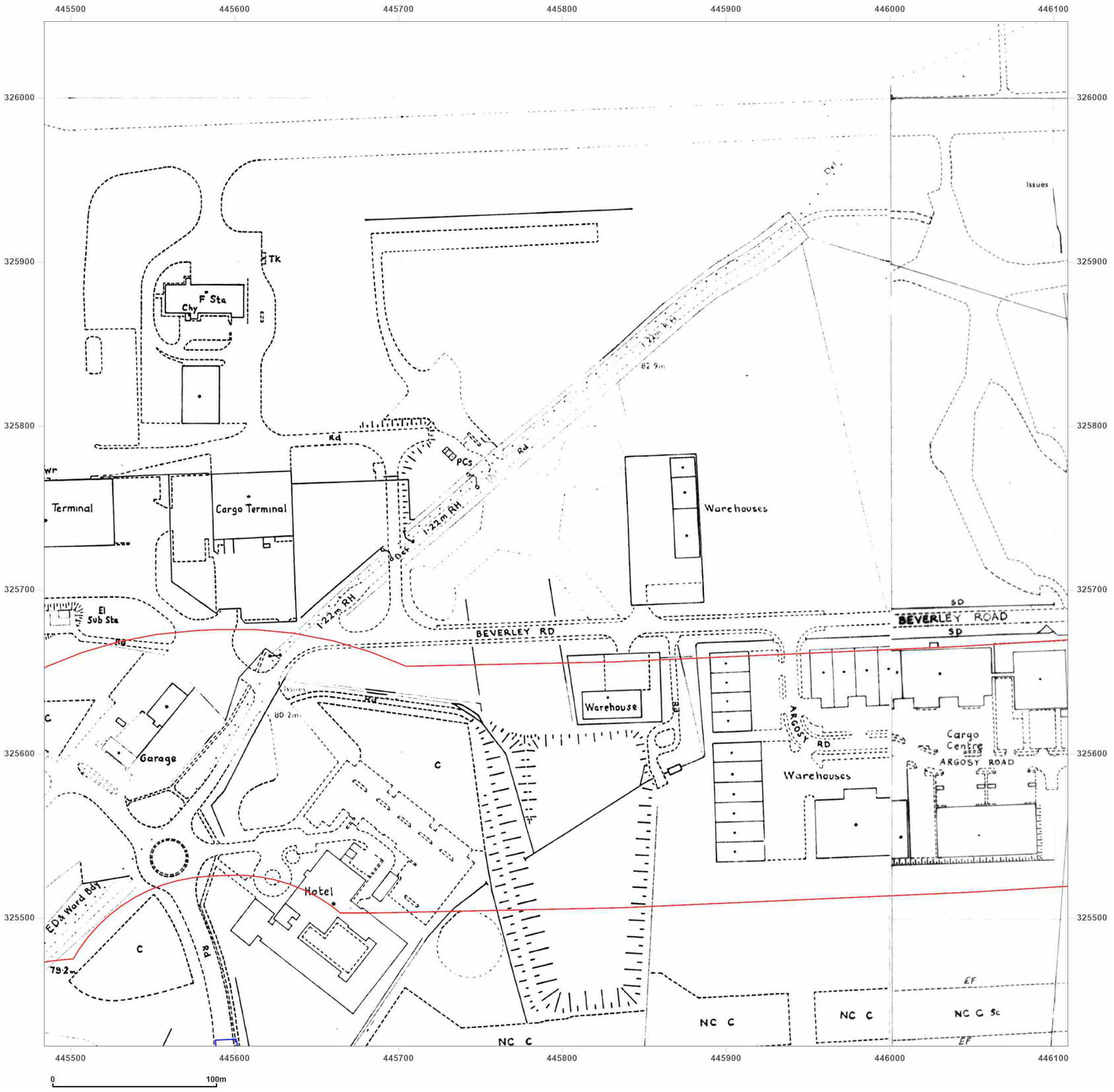
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1987-1991**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed 1966
Revised 1987
Edition N/A
Copyright 1987
Levelled 1966

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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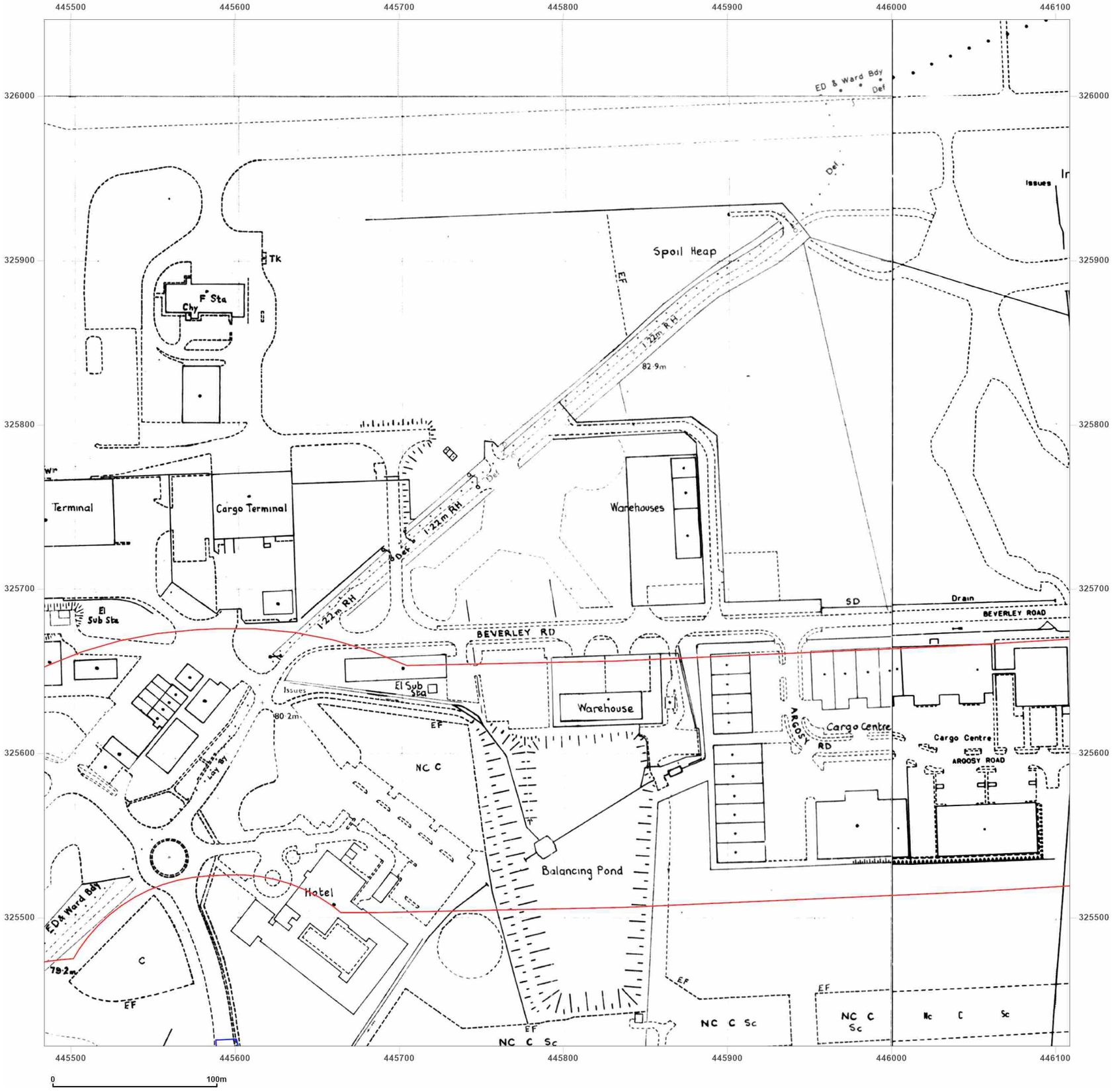
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1991-1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1993
Revised 1993
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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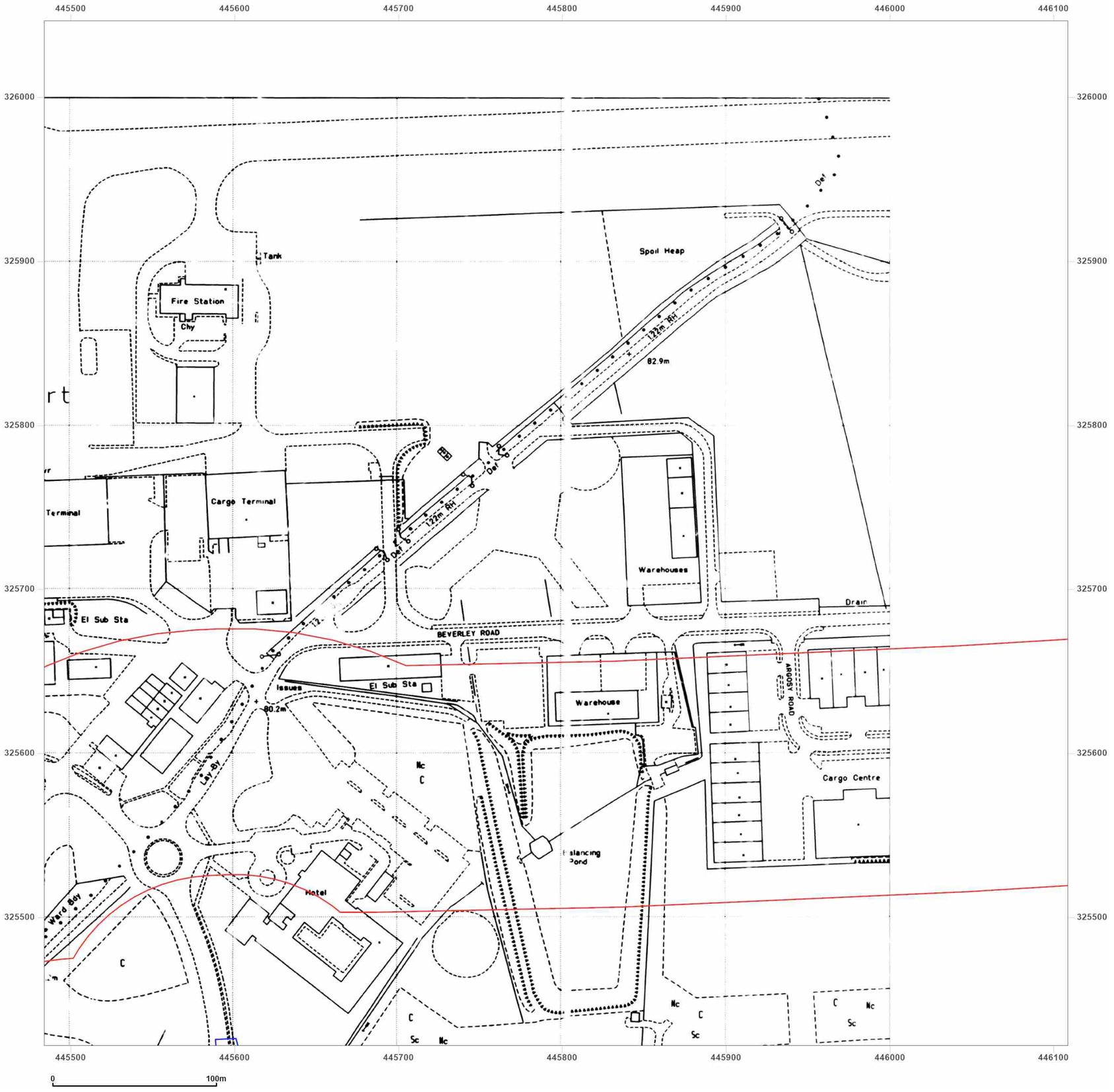
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_3_3
Grid Ref: 445796, 325734

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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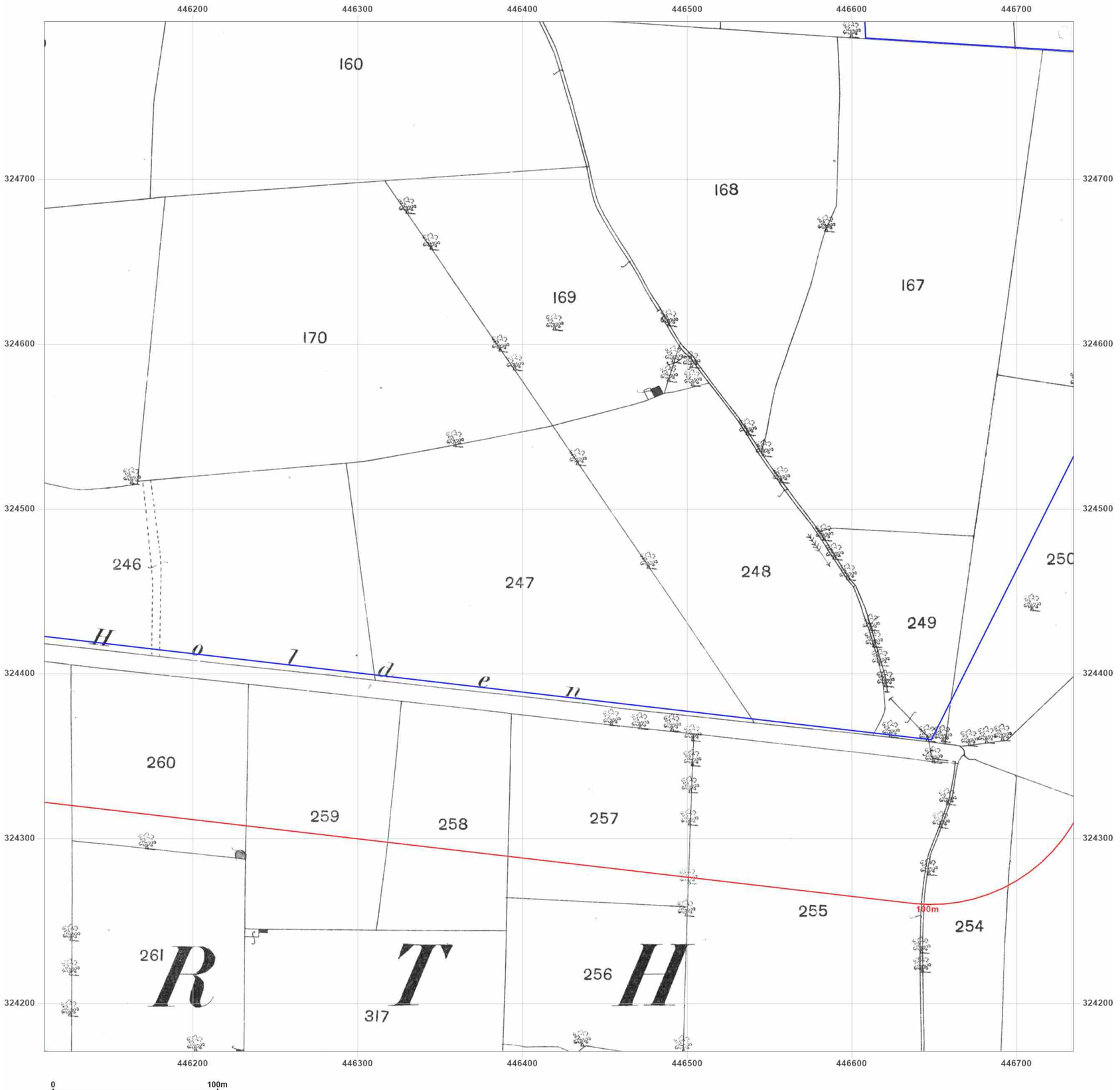
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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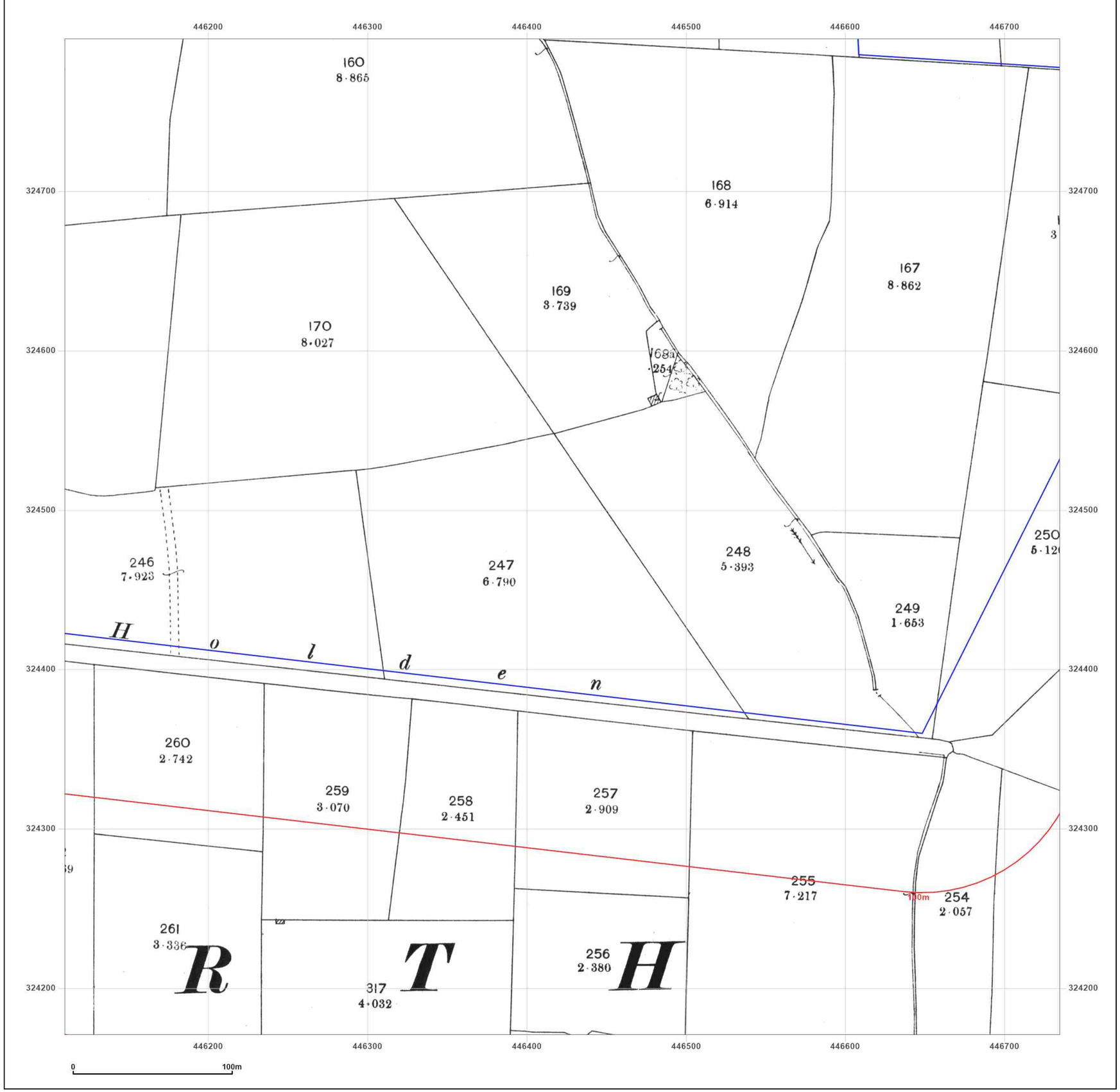
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: County Series

Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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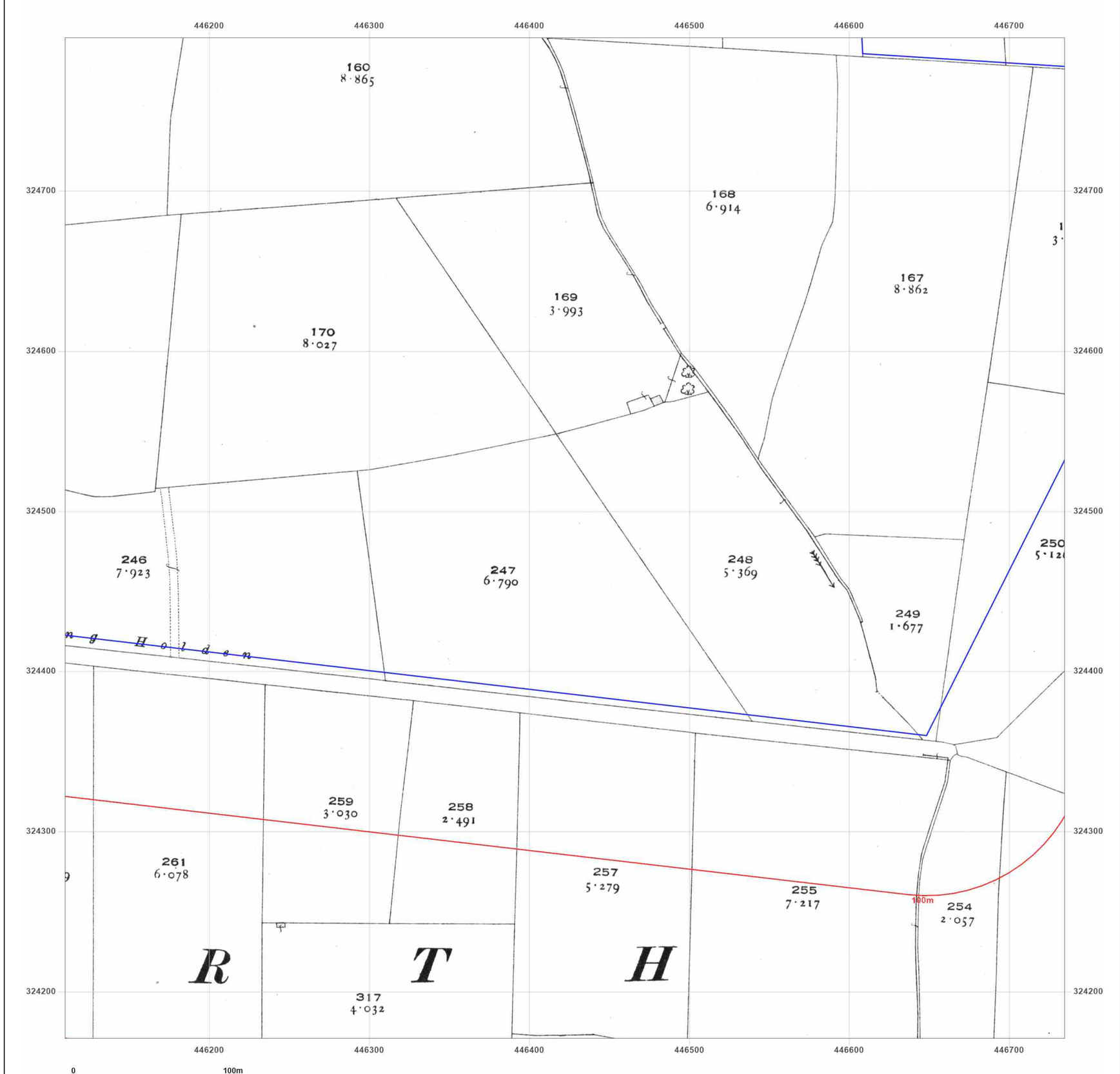
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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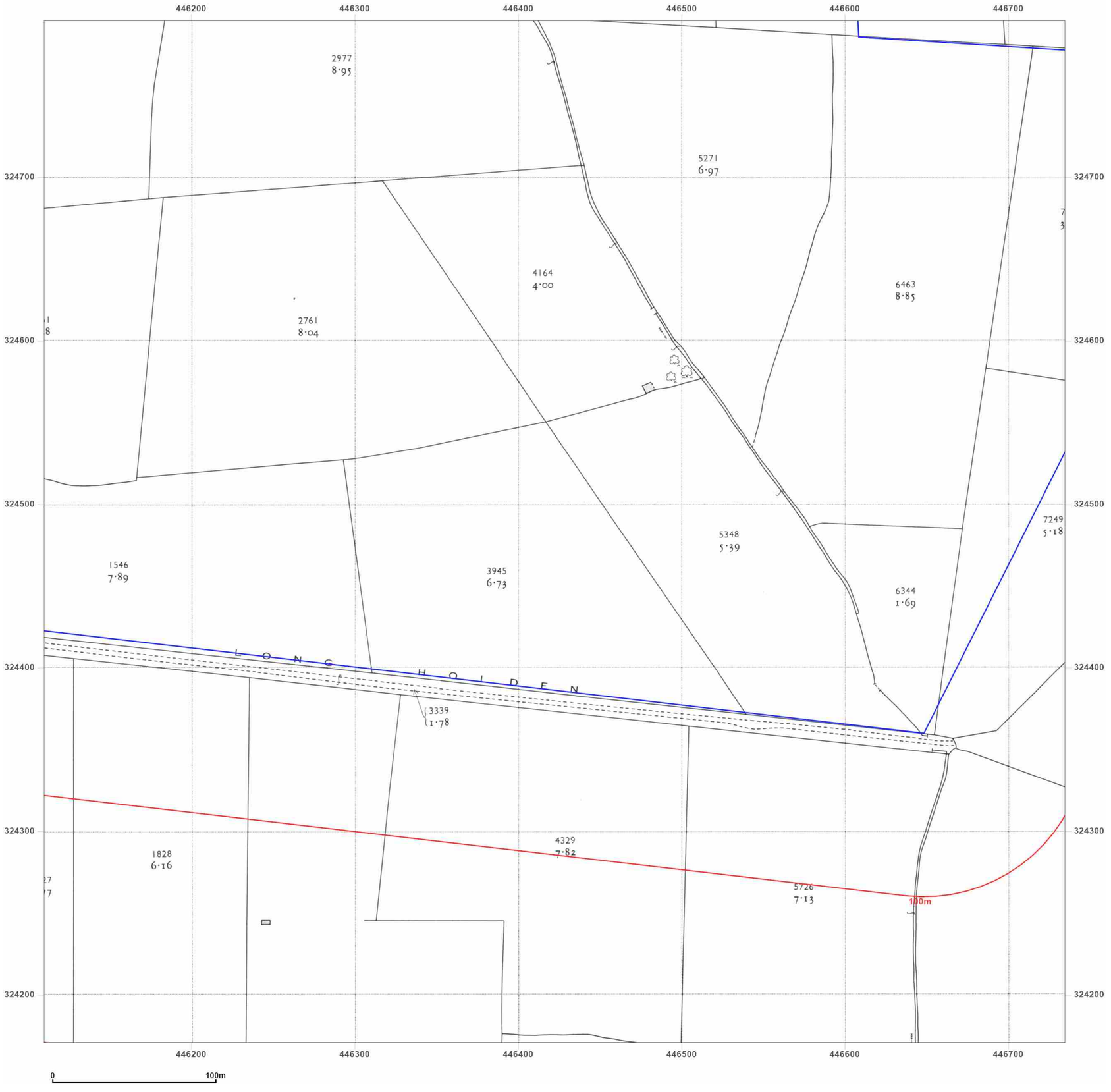
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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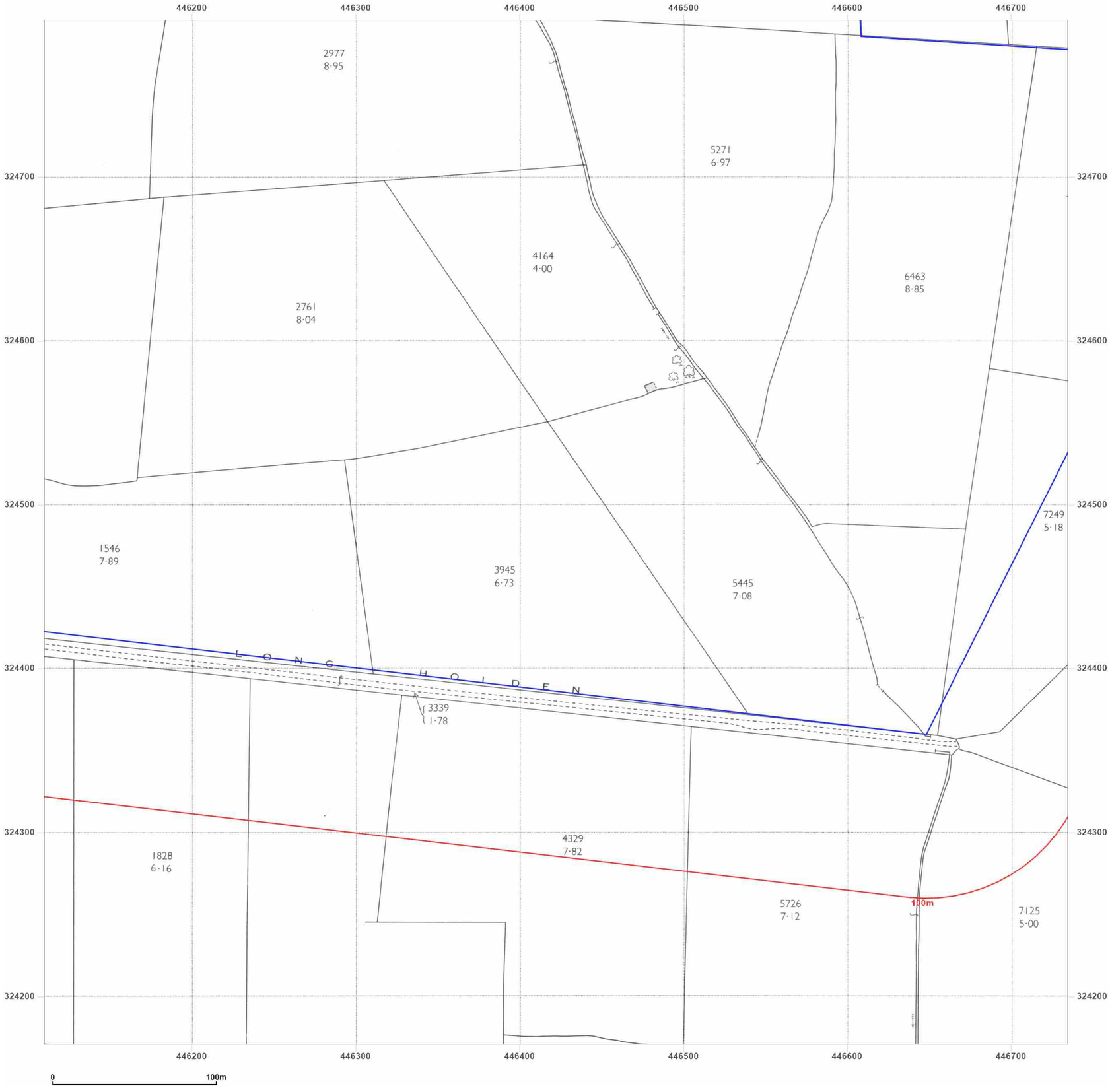
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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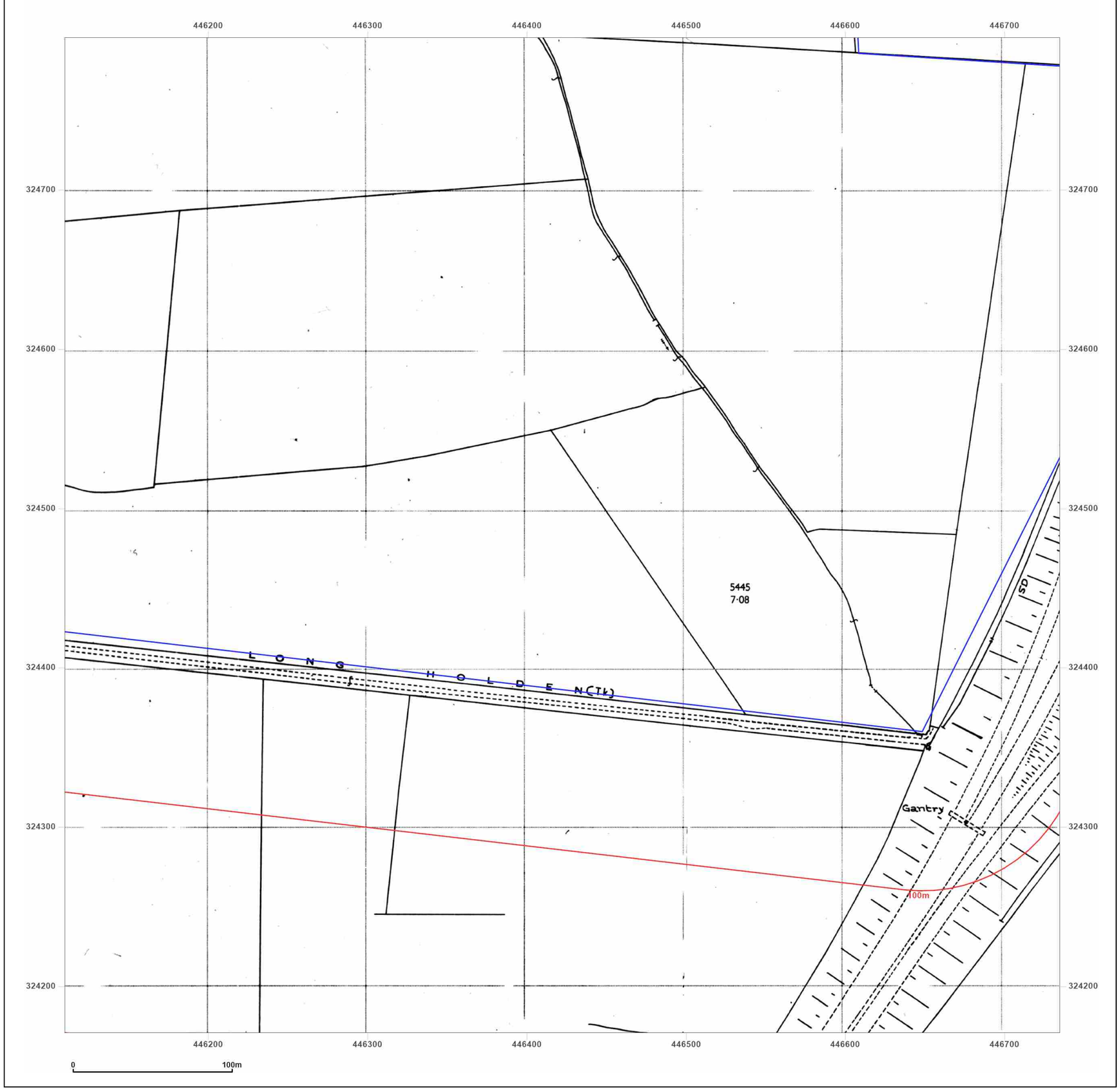
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: National Grid

Map date: **1991**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

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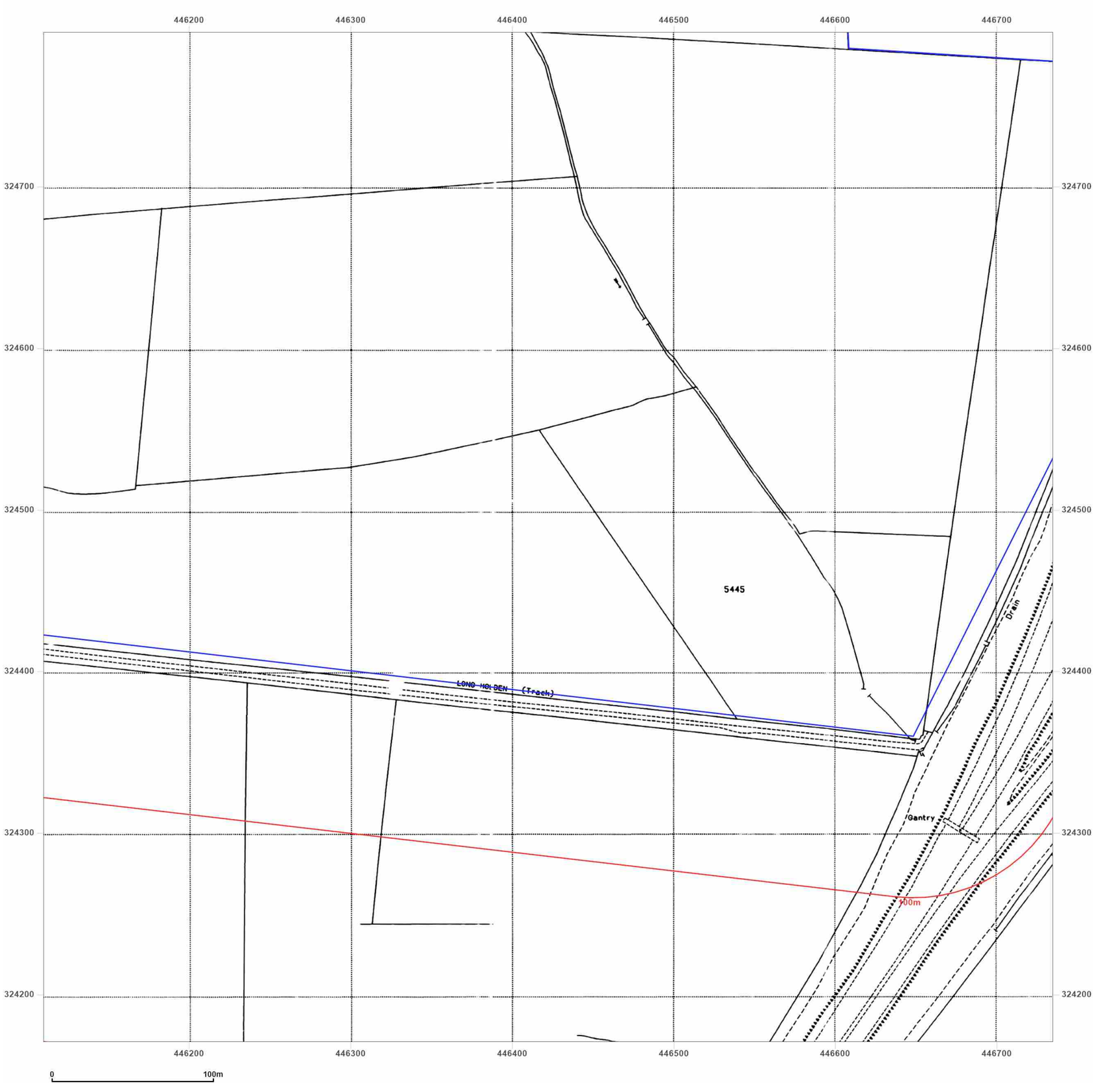
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_1
Grid Ref: 446422, 324483

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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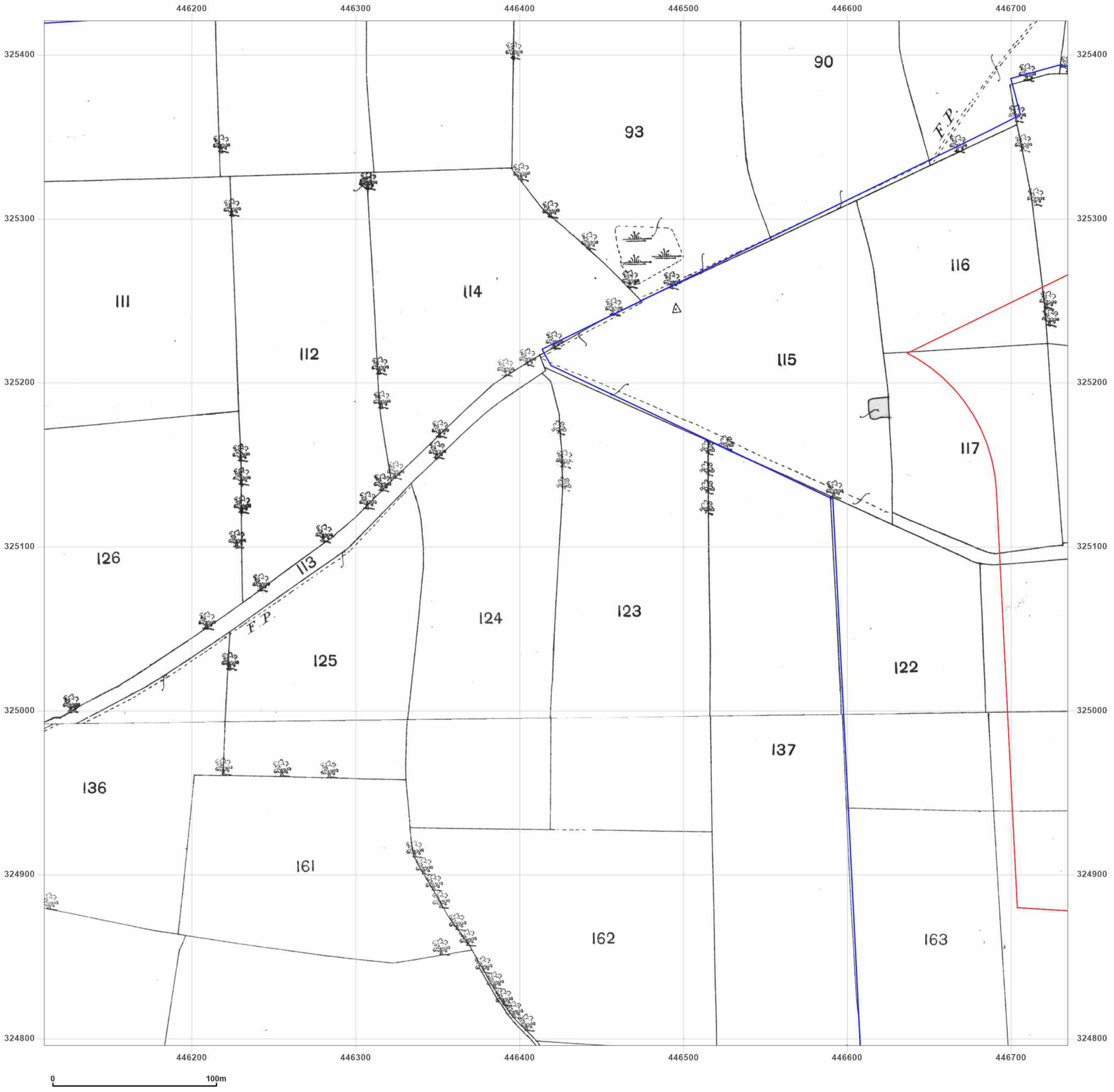
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: County Series

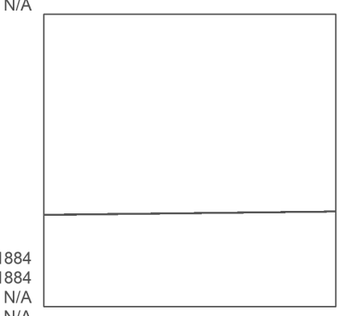
Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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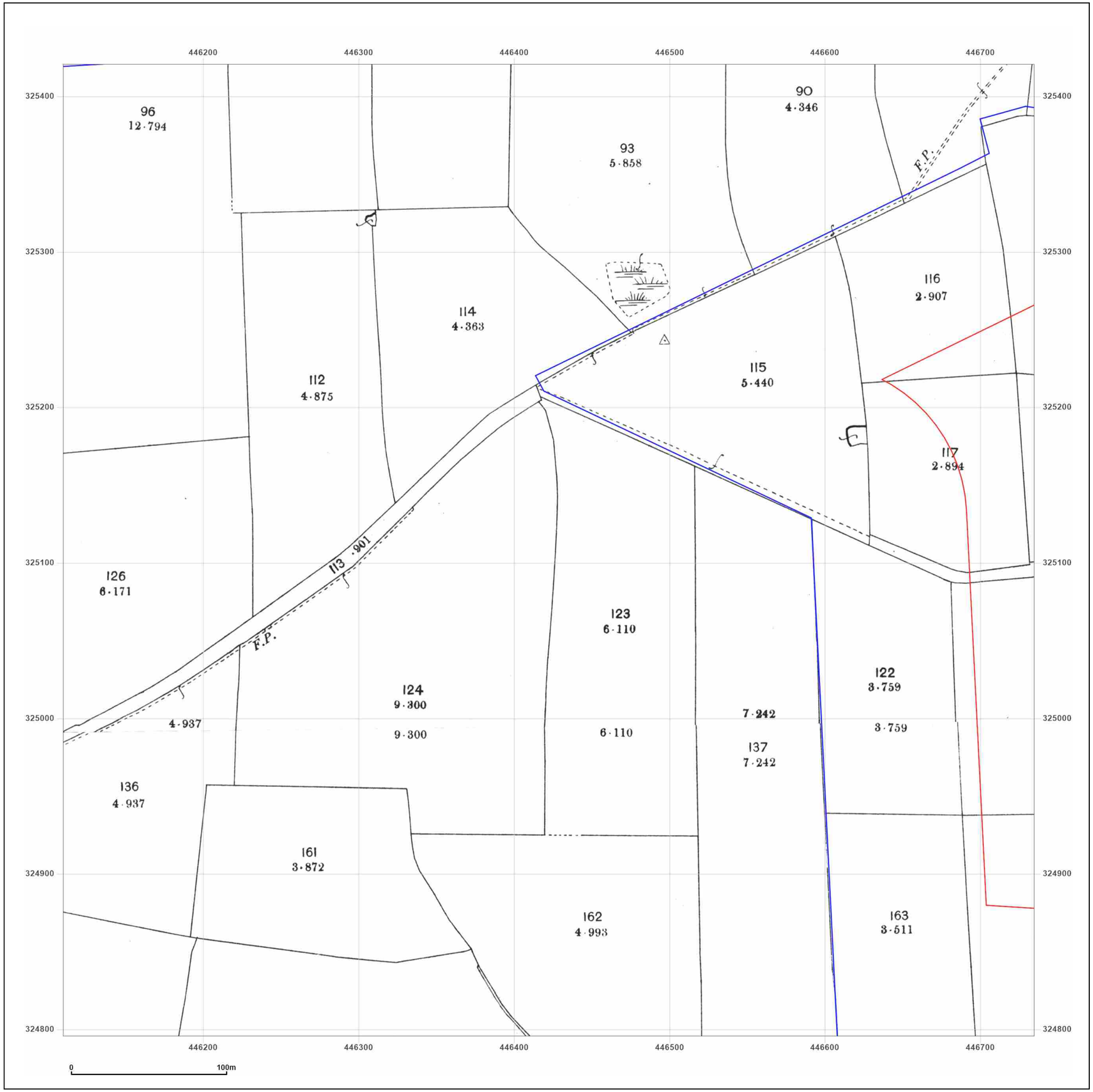
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: County Series

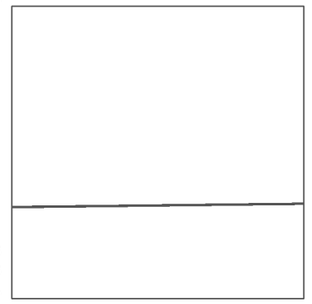
Map date: **1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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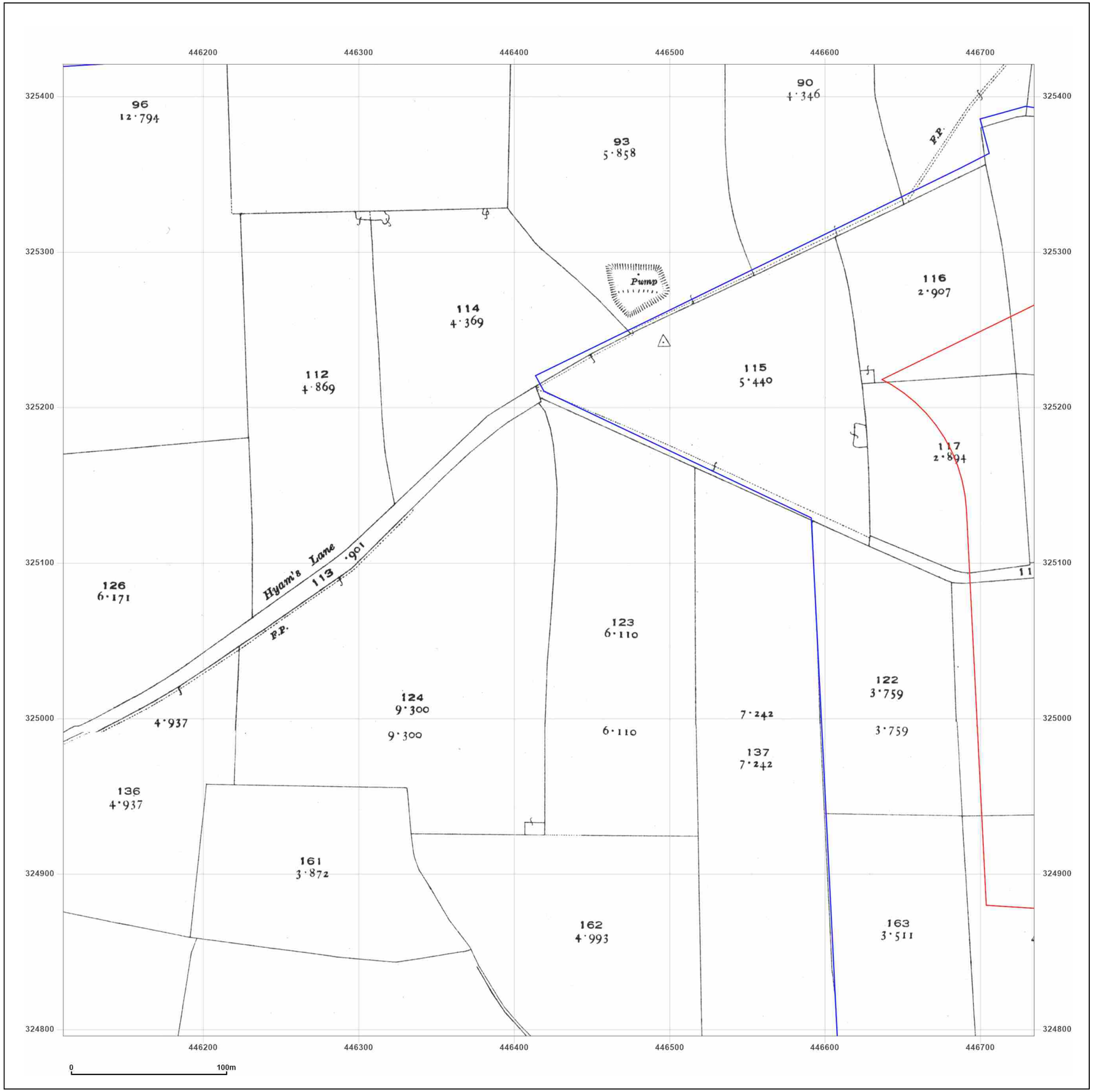
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: County Series

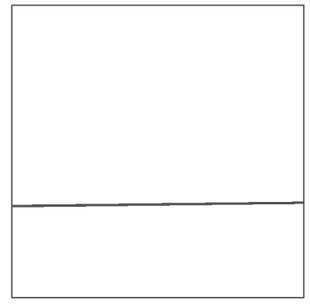
Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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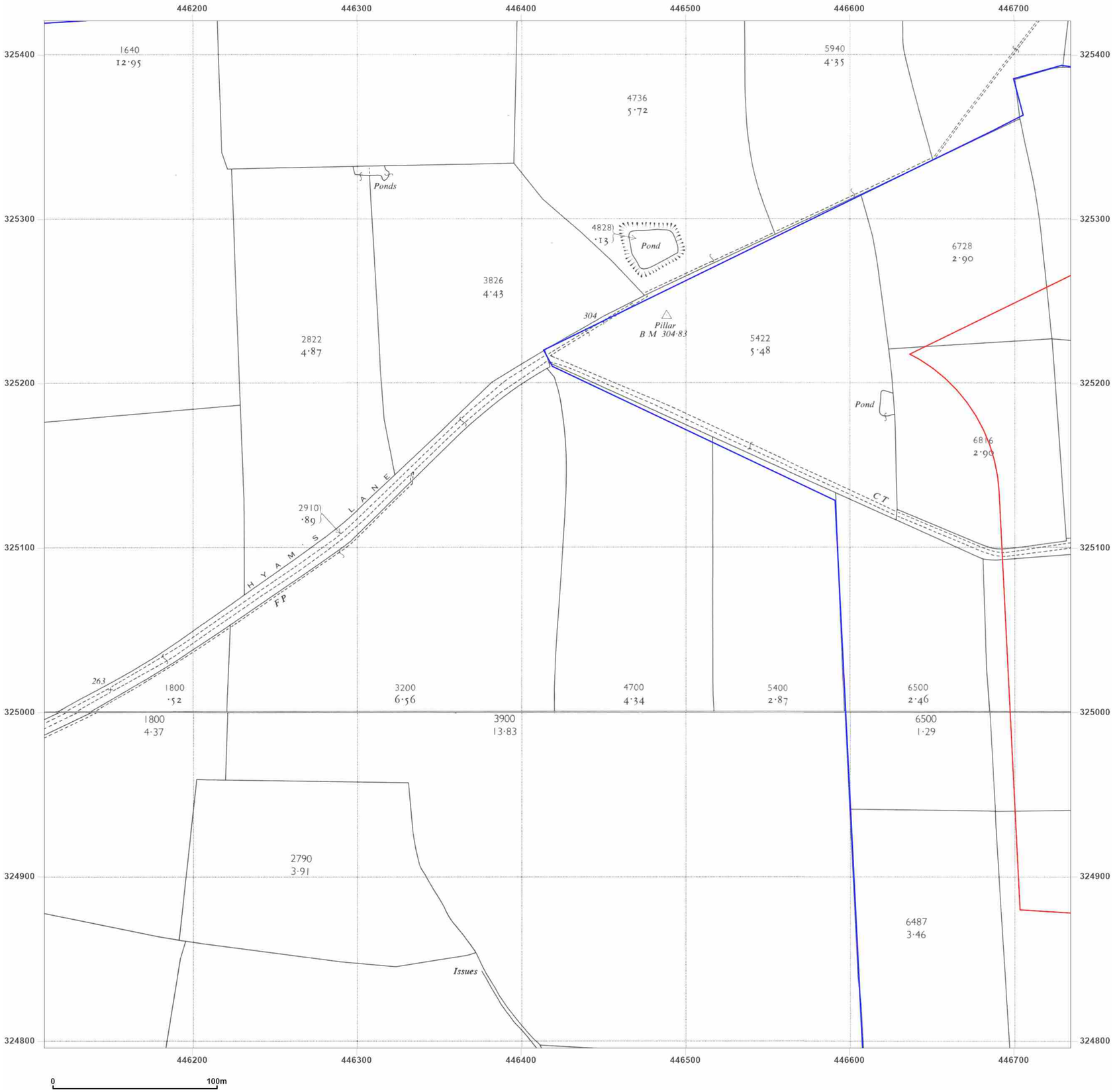
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1962-1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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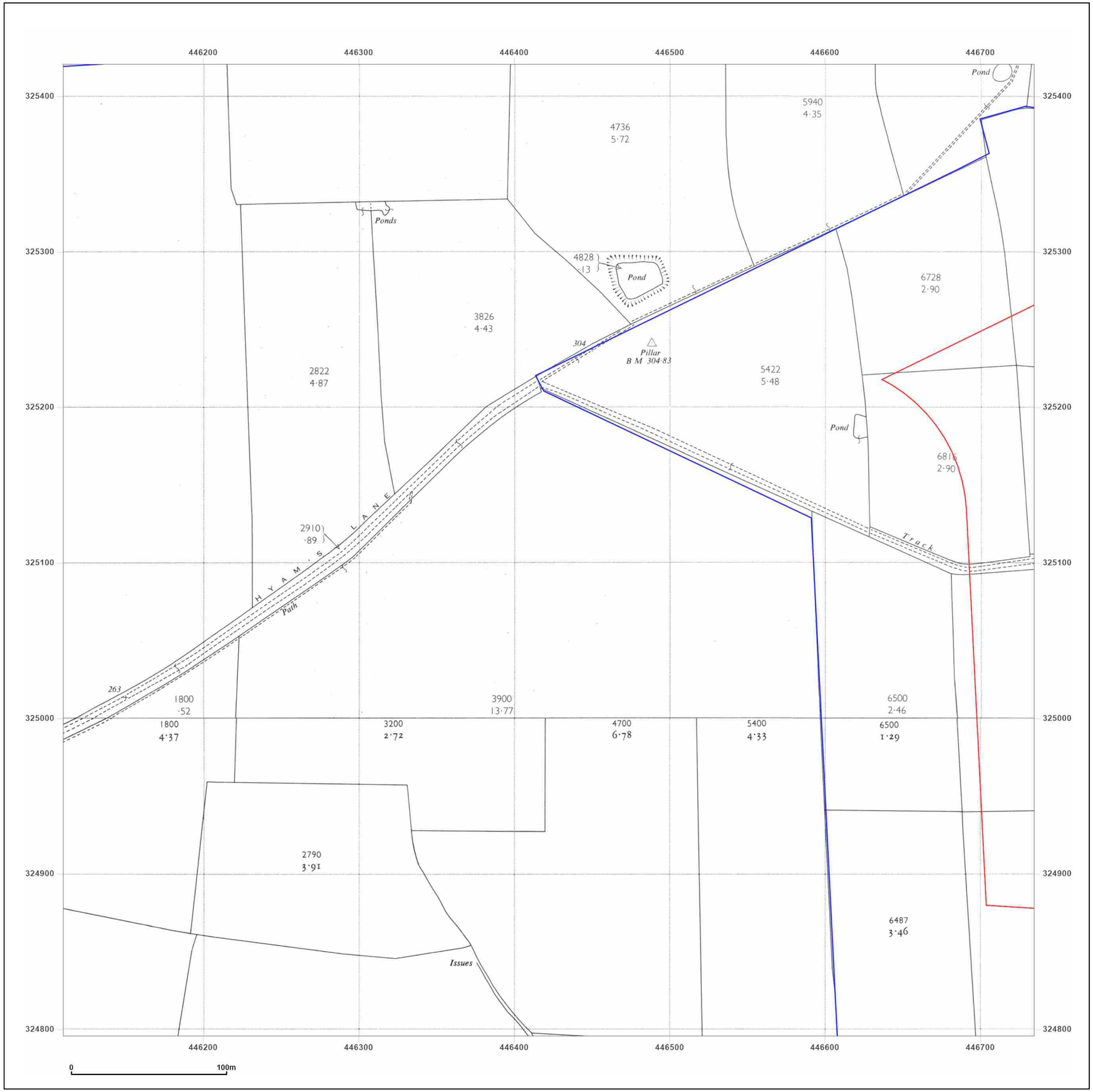
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1962-1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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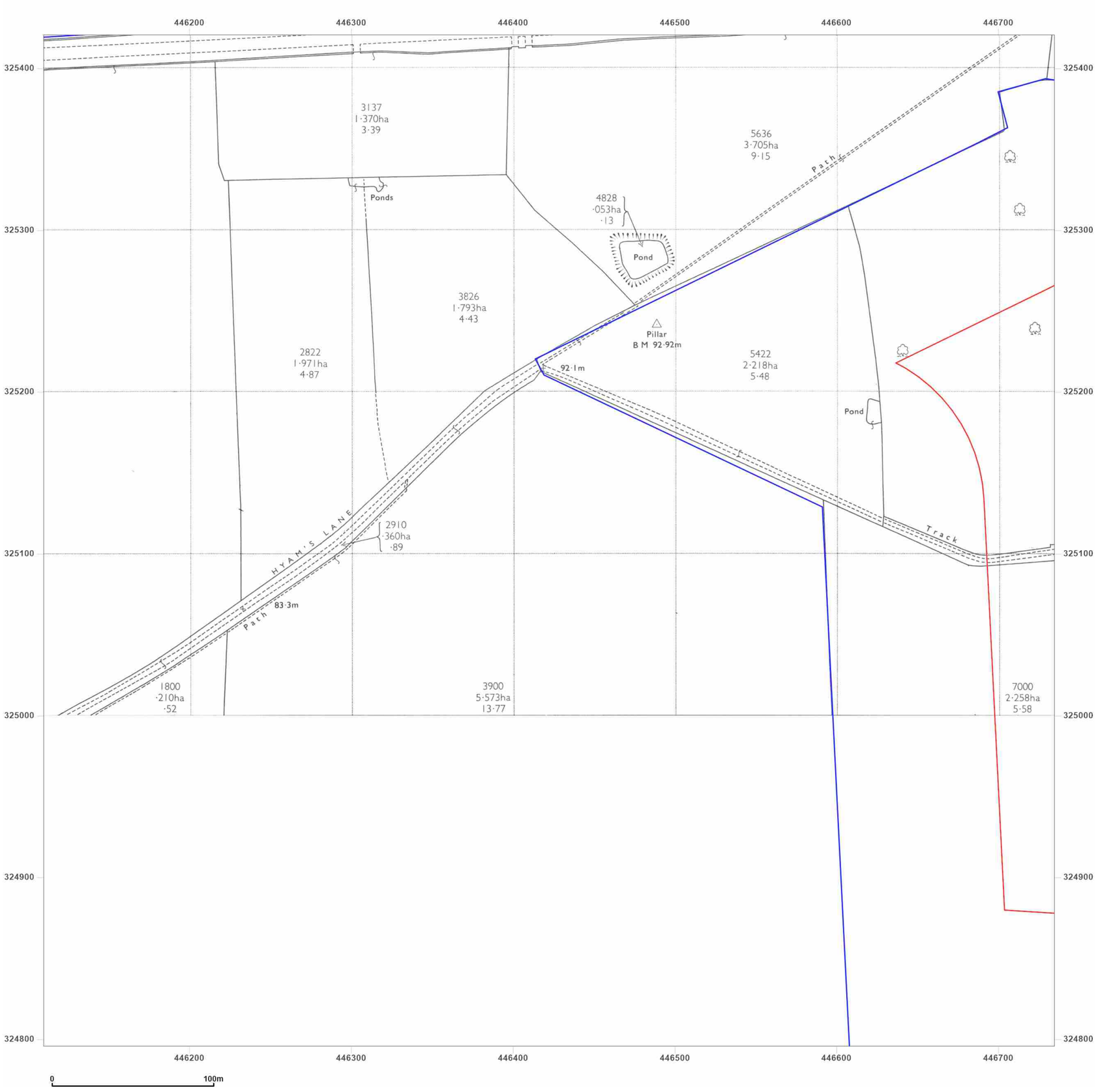
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966

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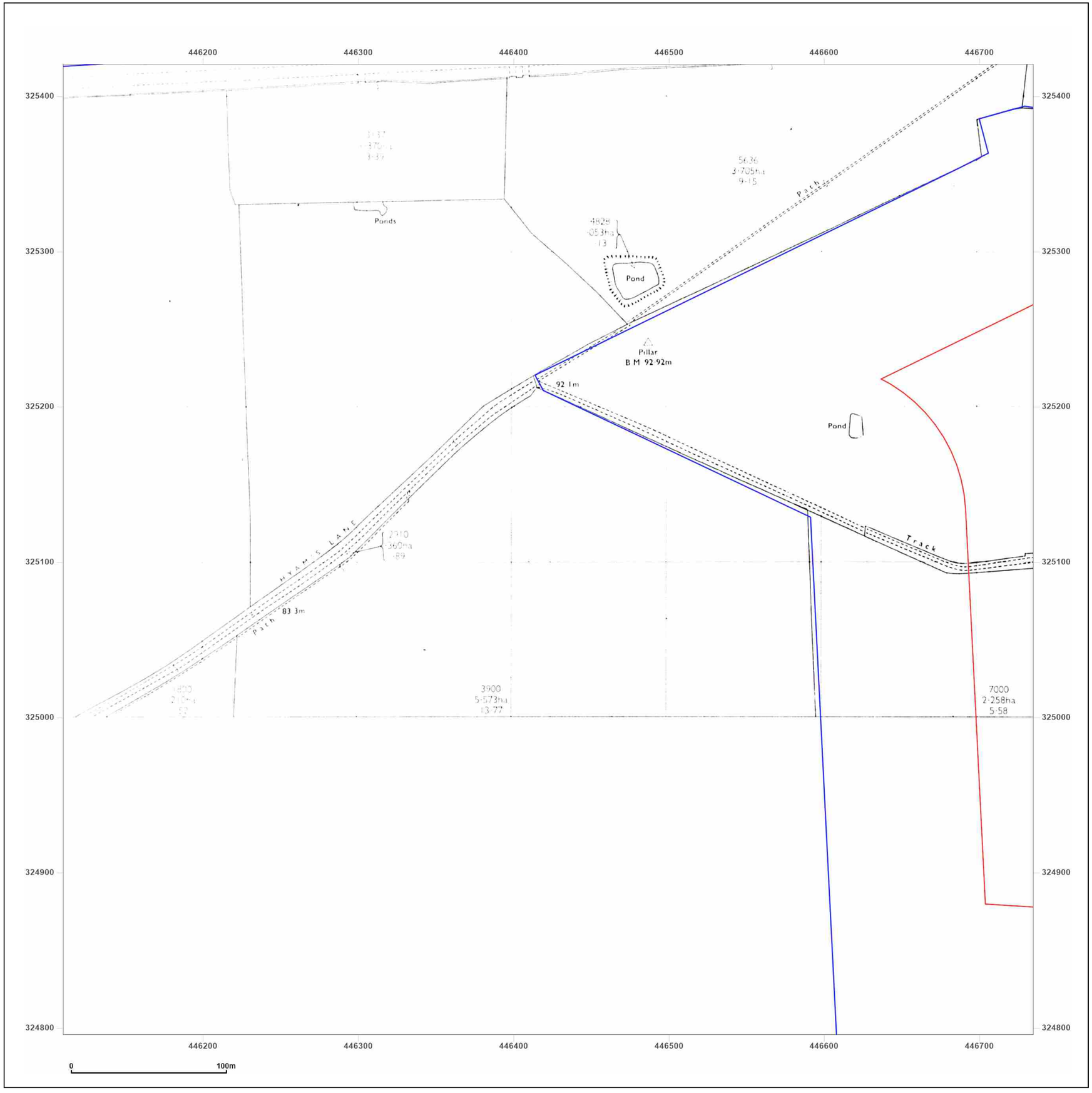
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

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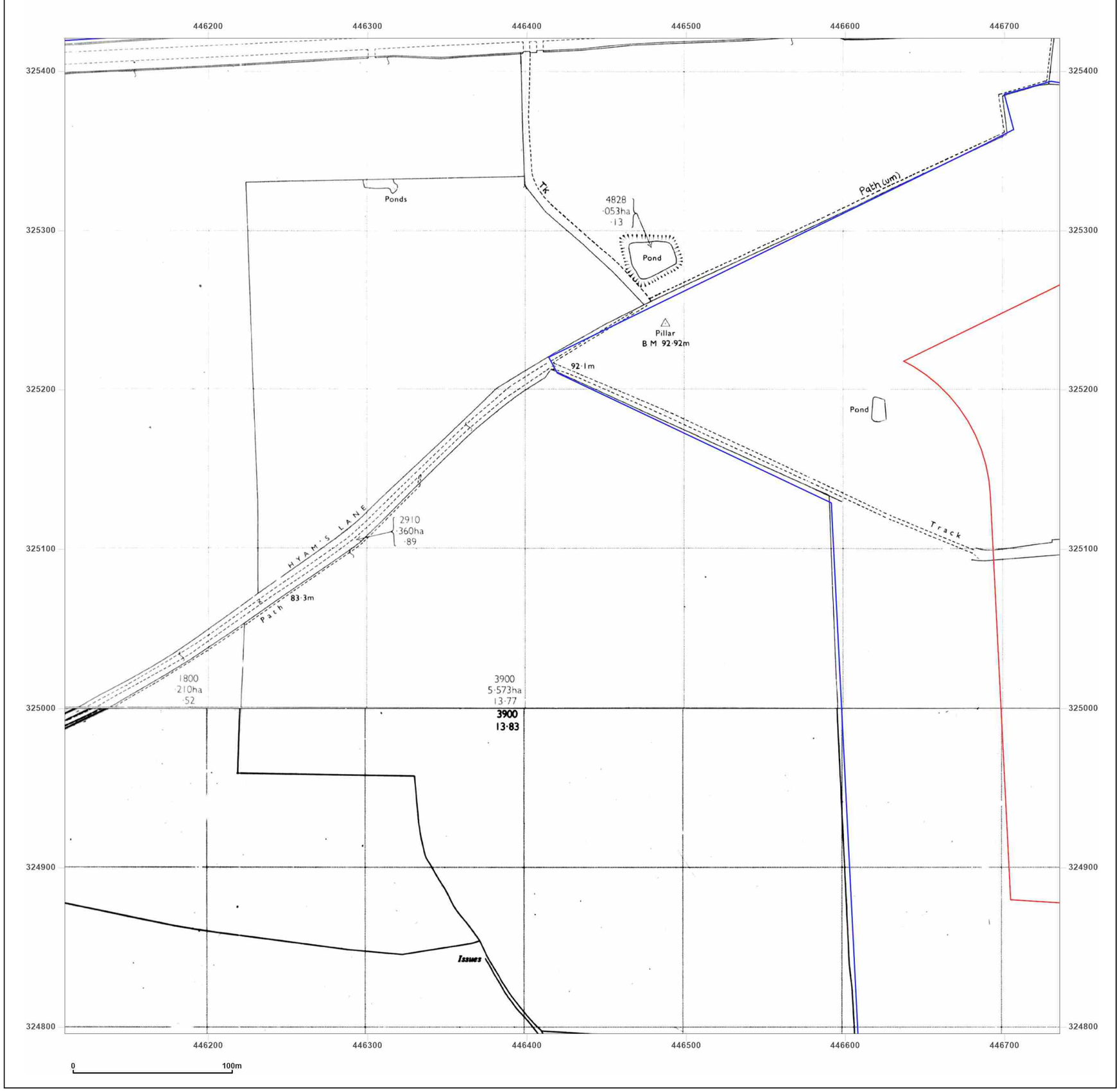
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1991**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

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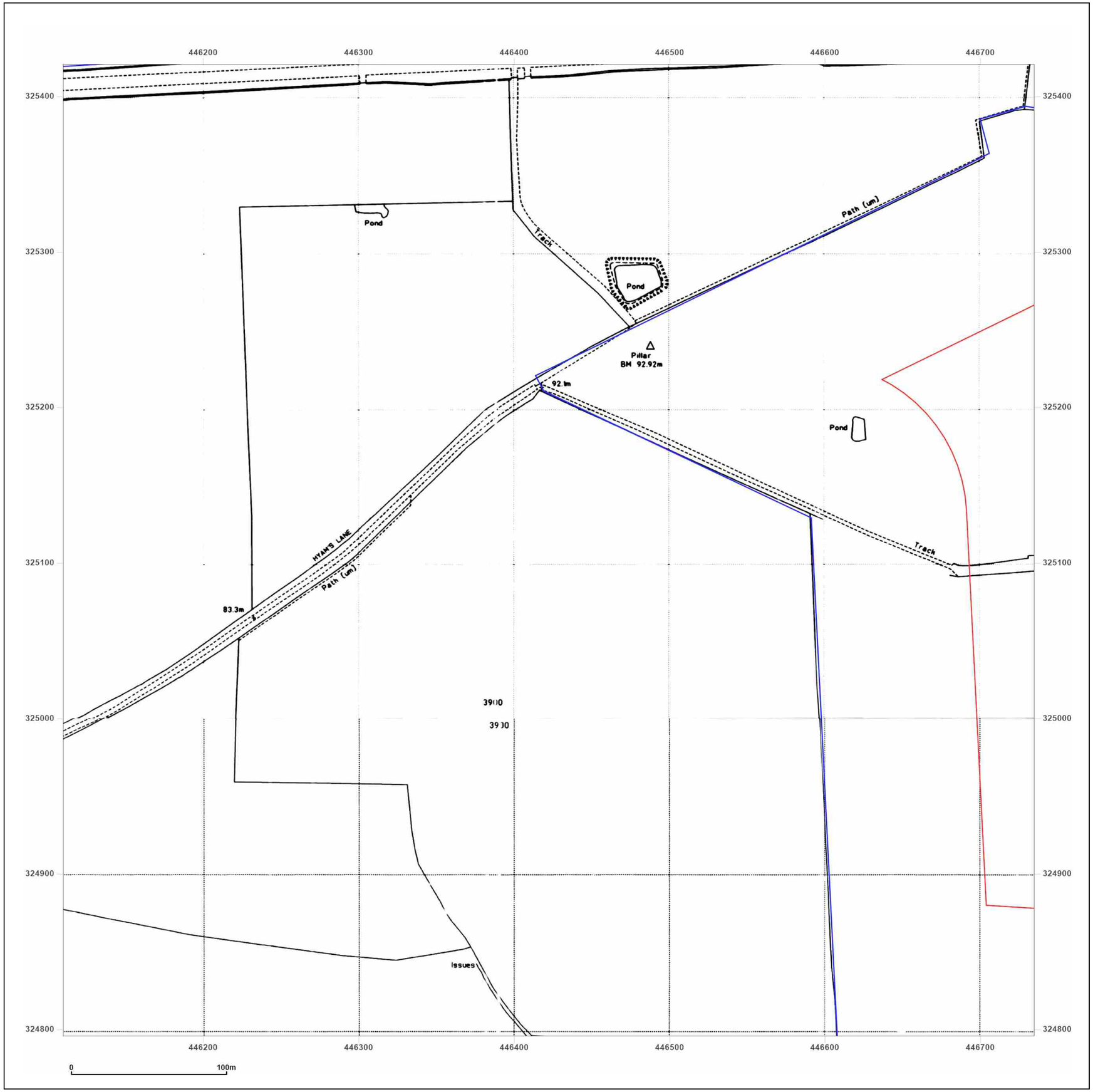
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_2
Grid Ref: 446422, 325108

Map Name: National Grid

Map date: **1993-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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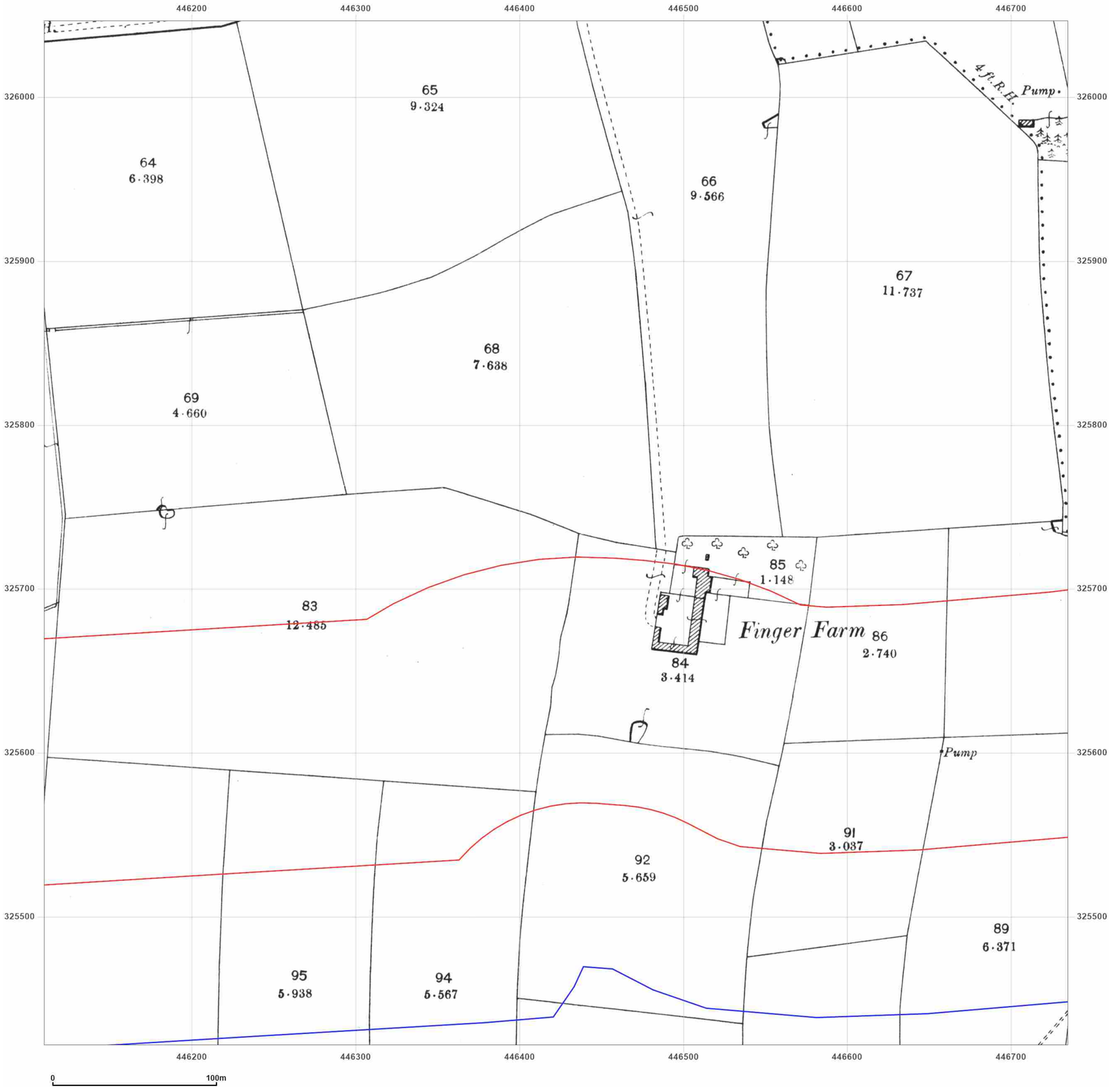
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: County Series
Map date: **1903**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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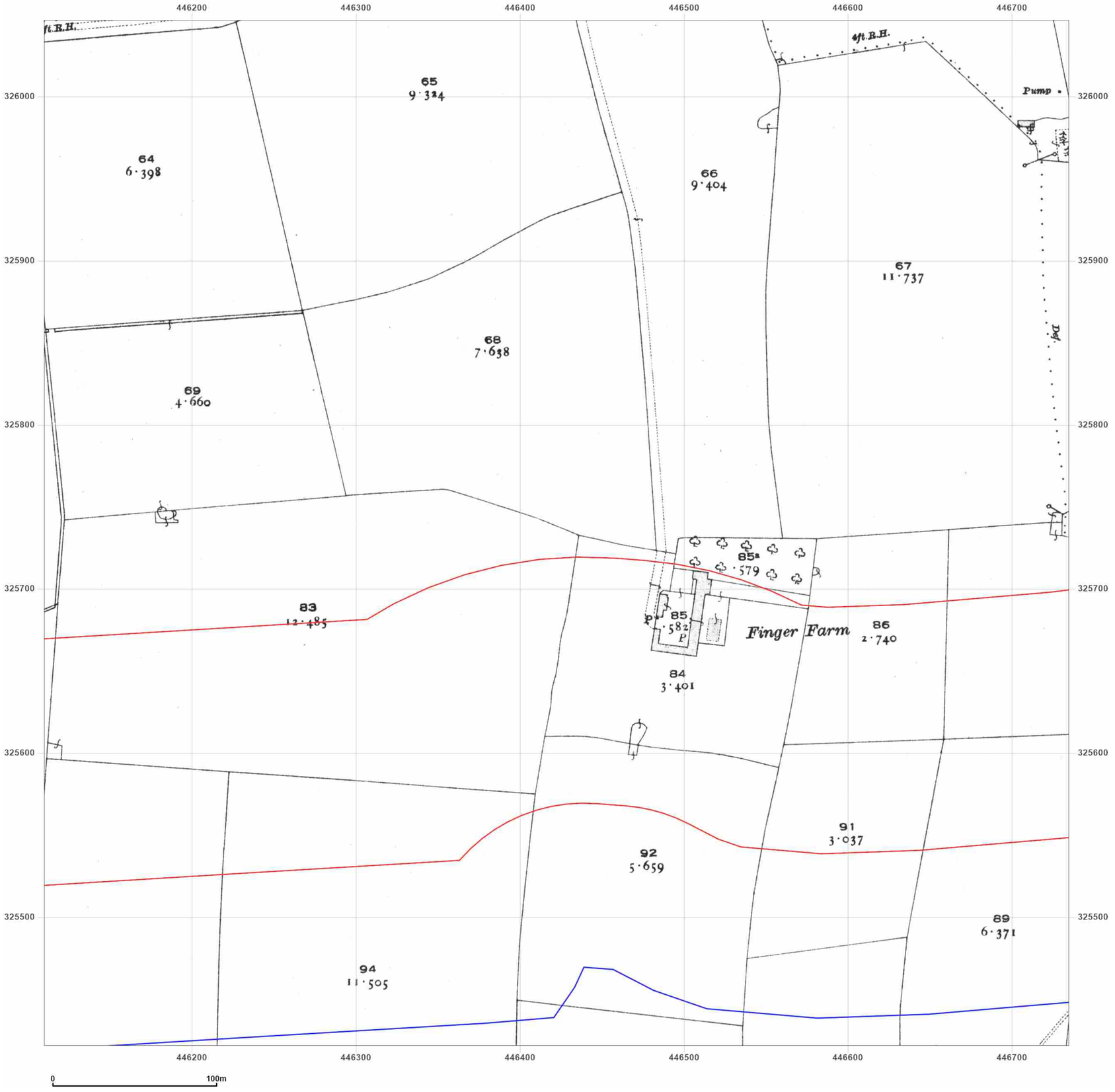
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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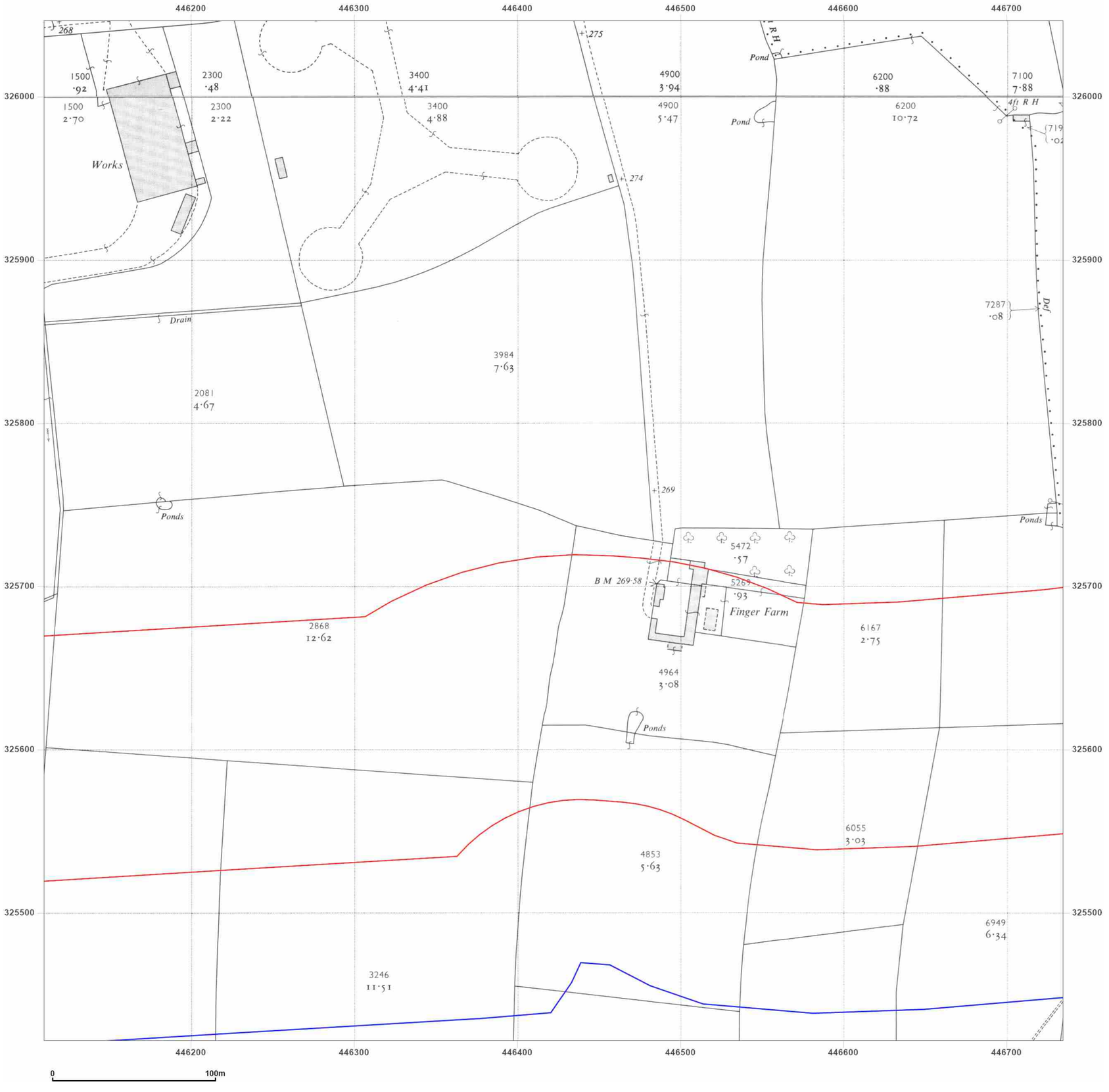
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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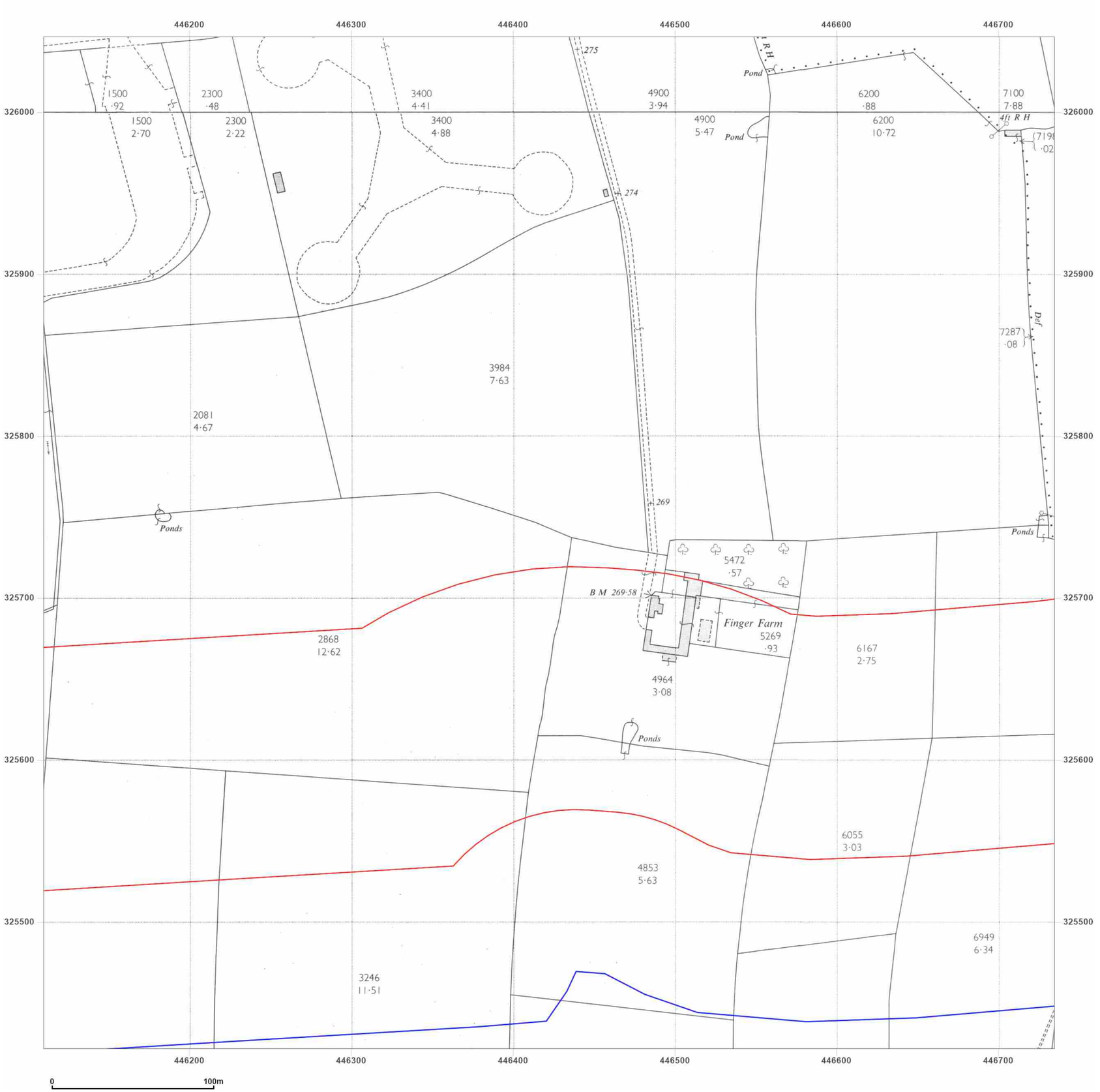
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

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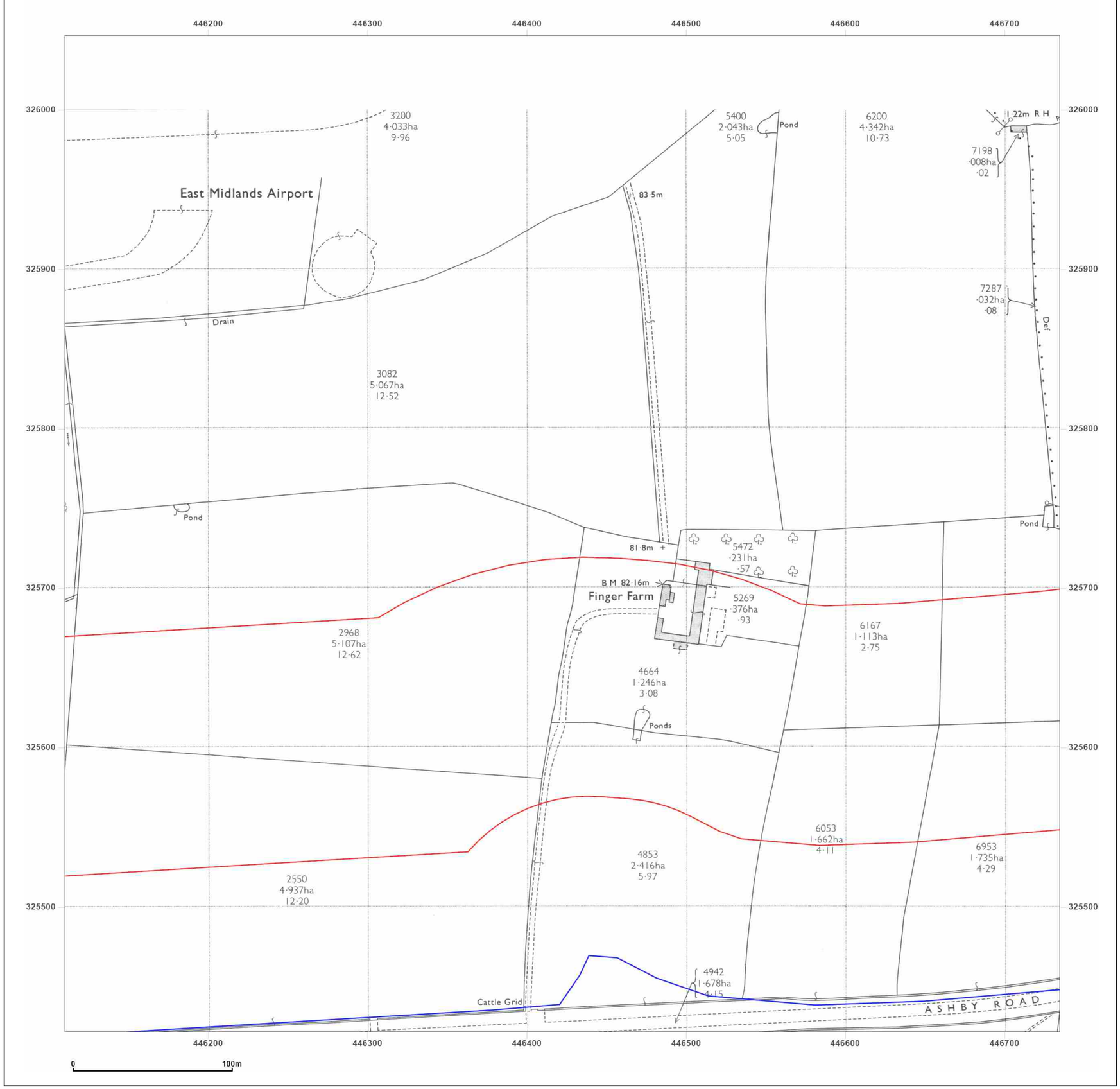
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966

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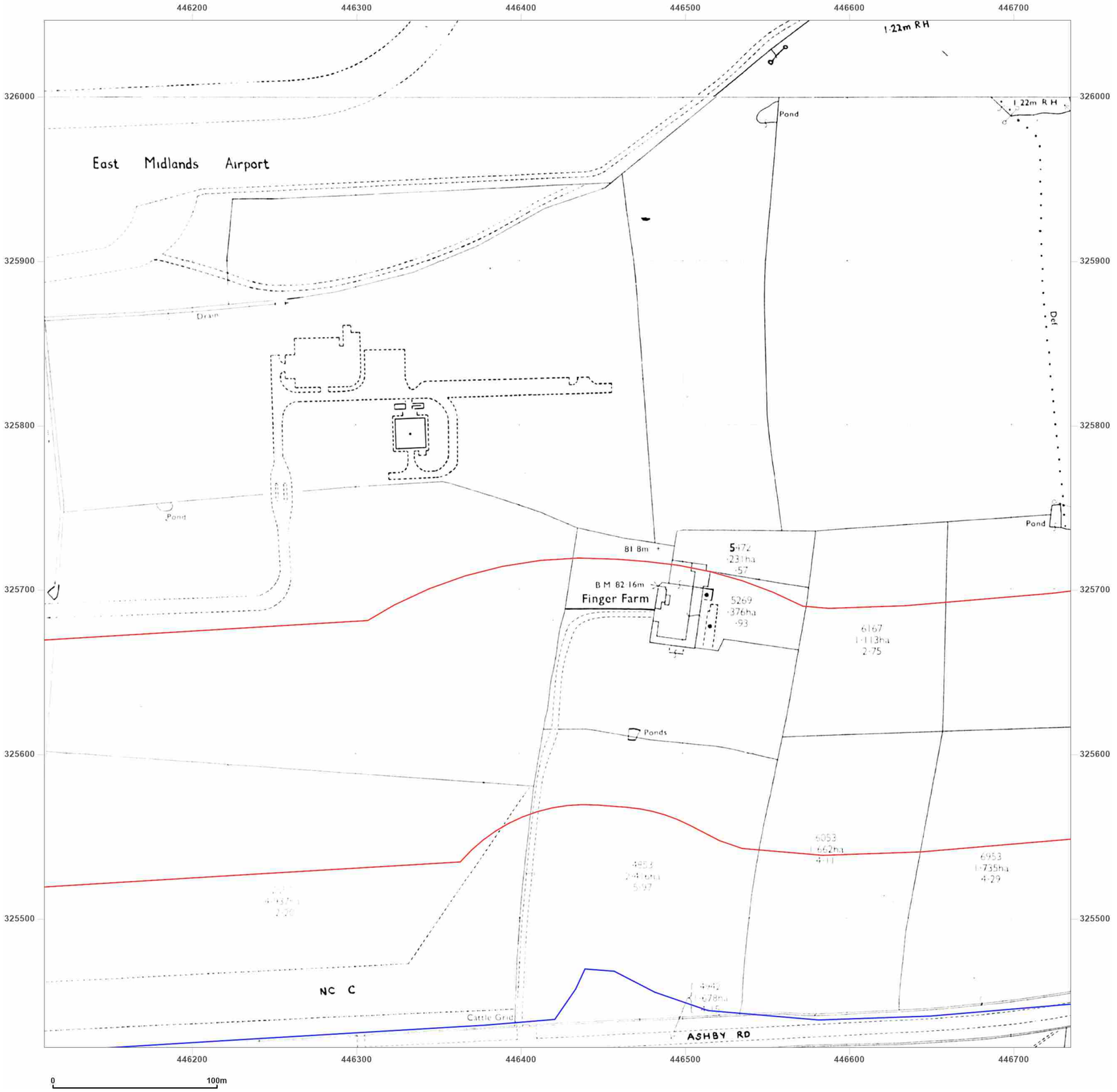
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1984**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1991**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_4_3
Grid Ref: 446422, 325734

Map Name: National Grid

Map date: **1993**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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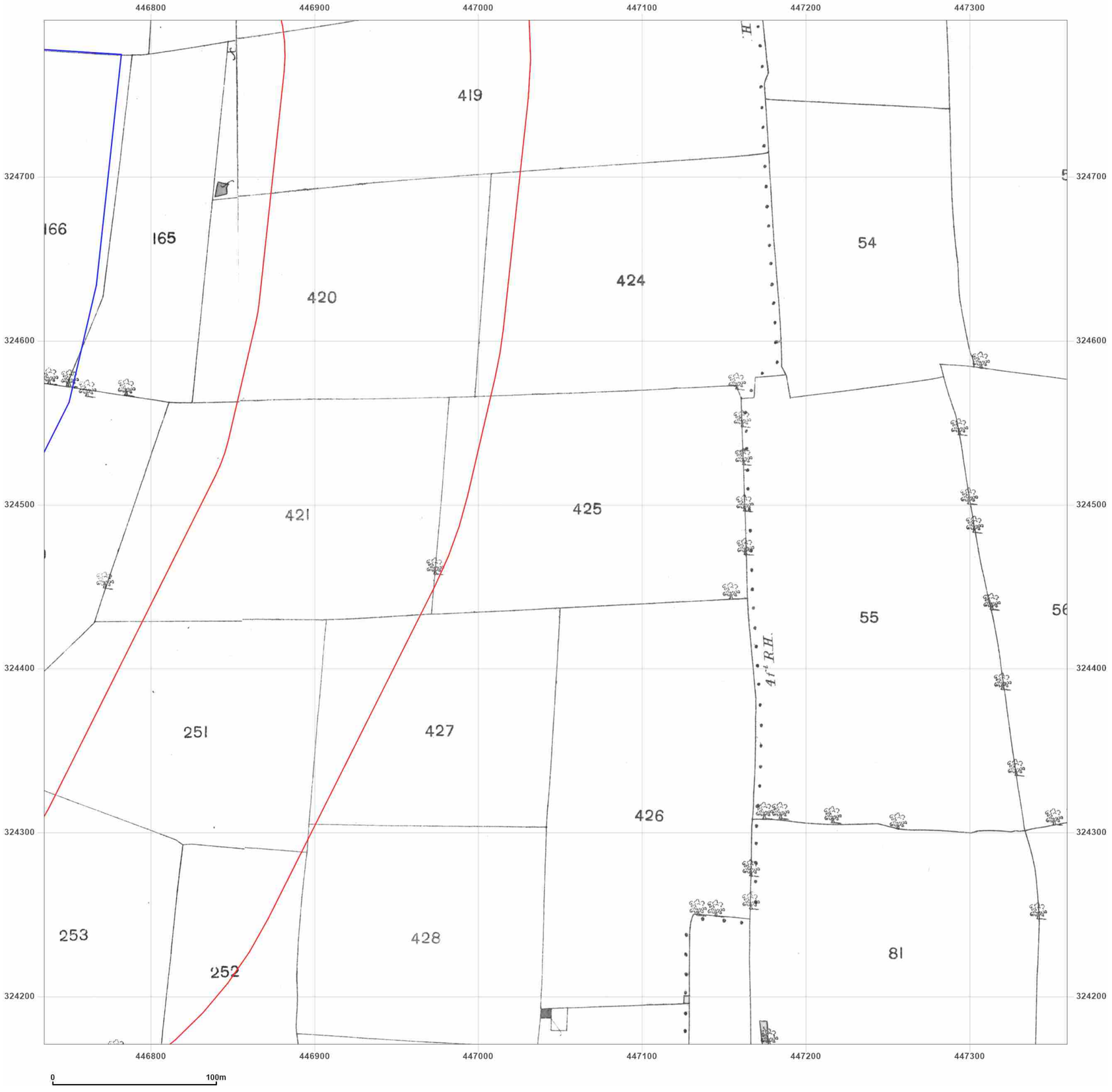
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: County Series
Map date: **1884**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
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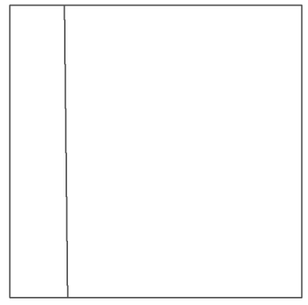

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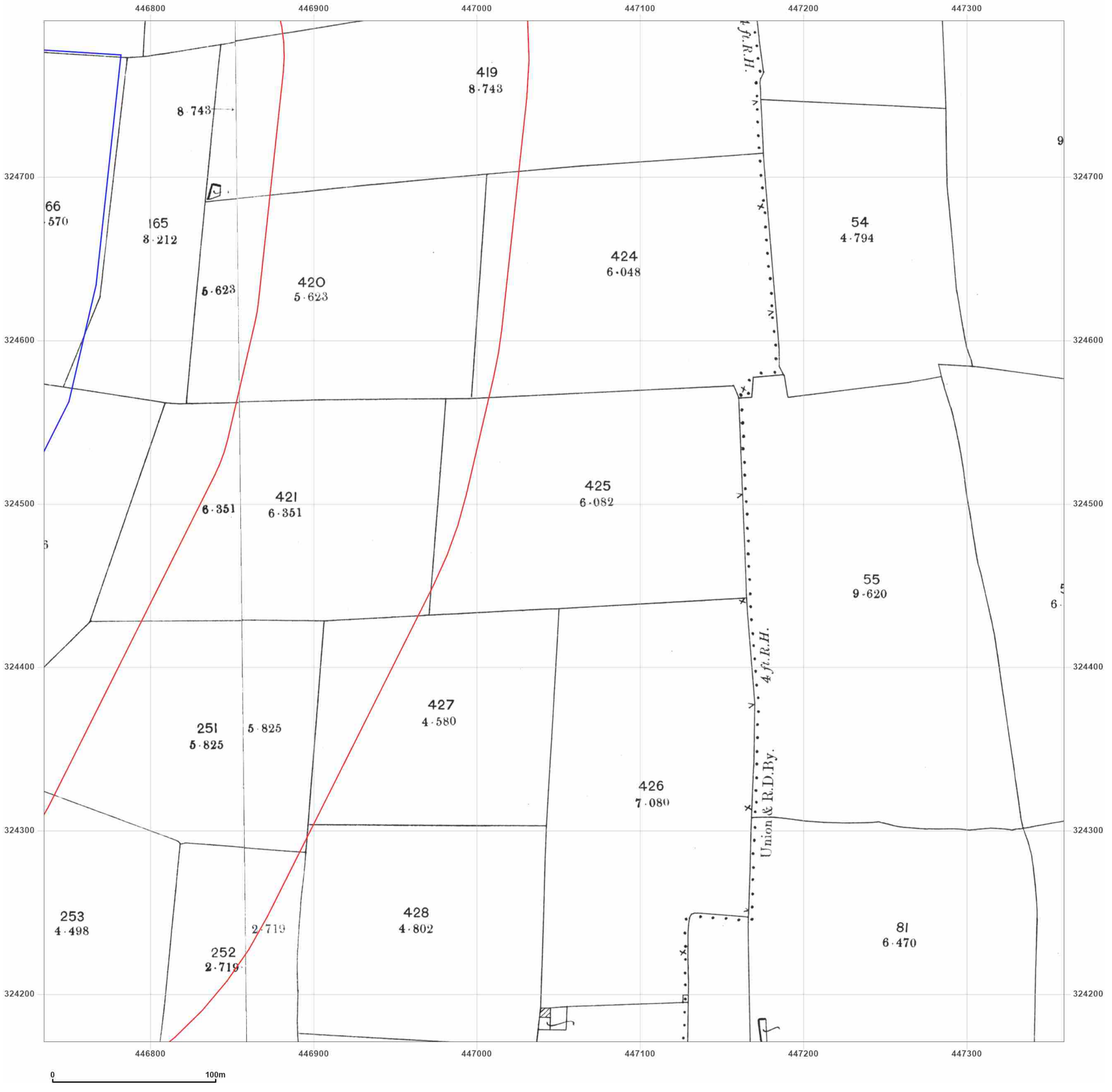
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

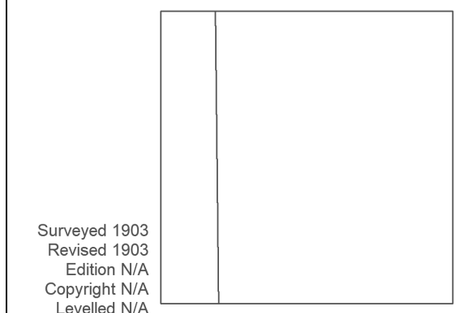
Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: County Series
Map date: **1903**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S



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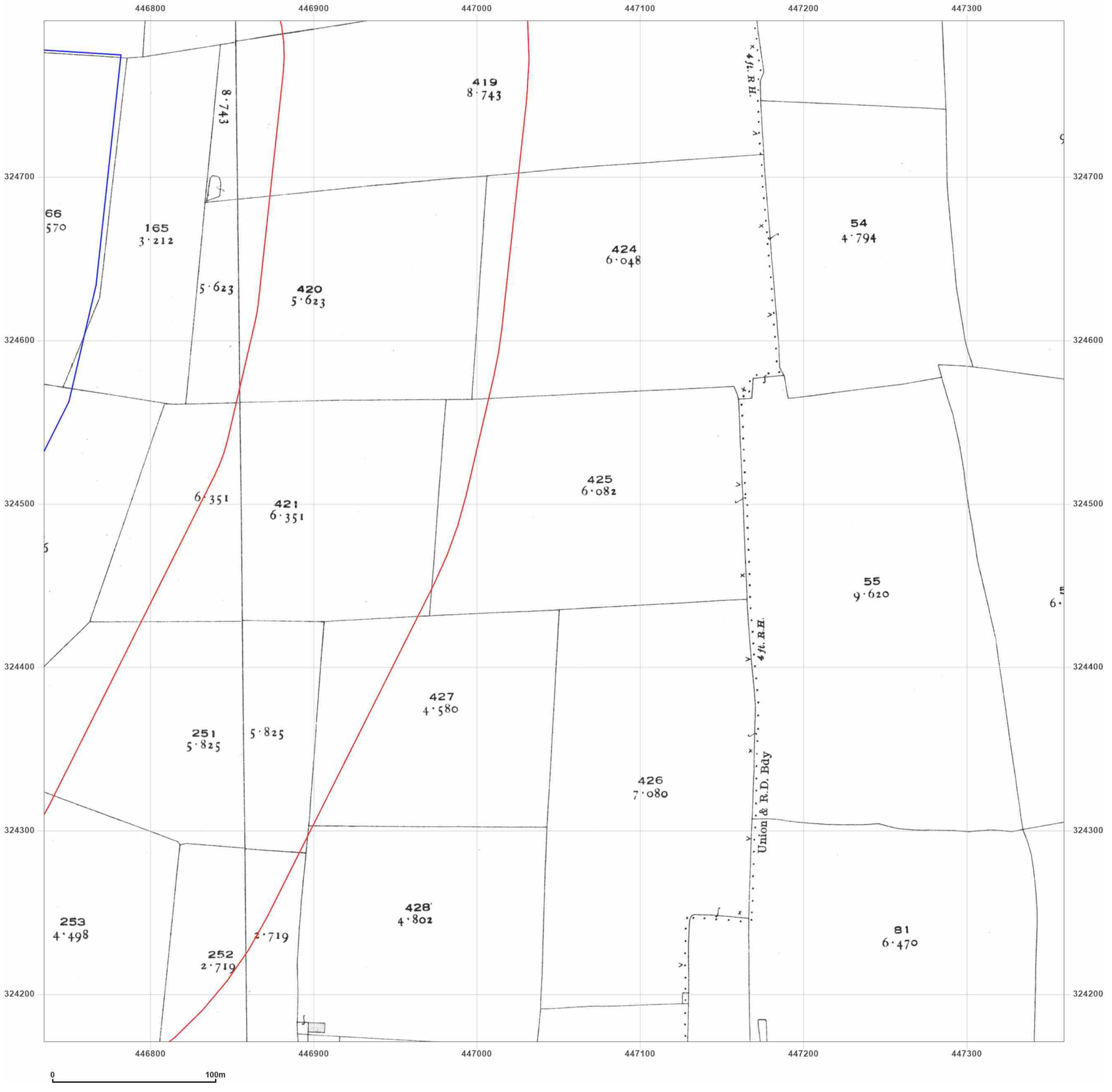
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

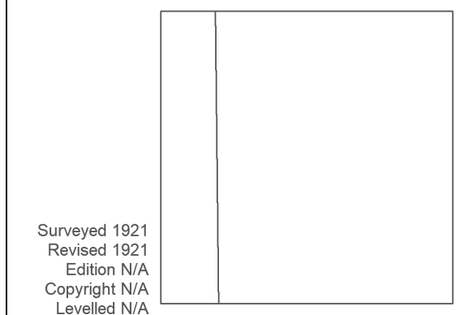
Map Name: County Series

Map date: **1921**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S



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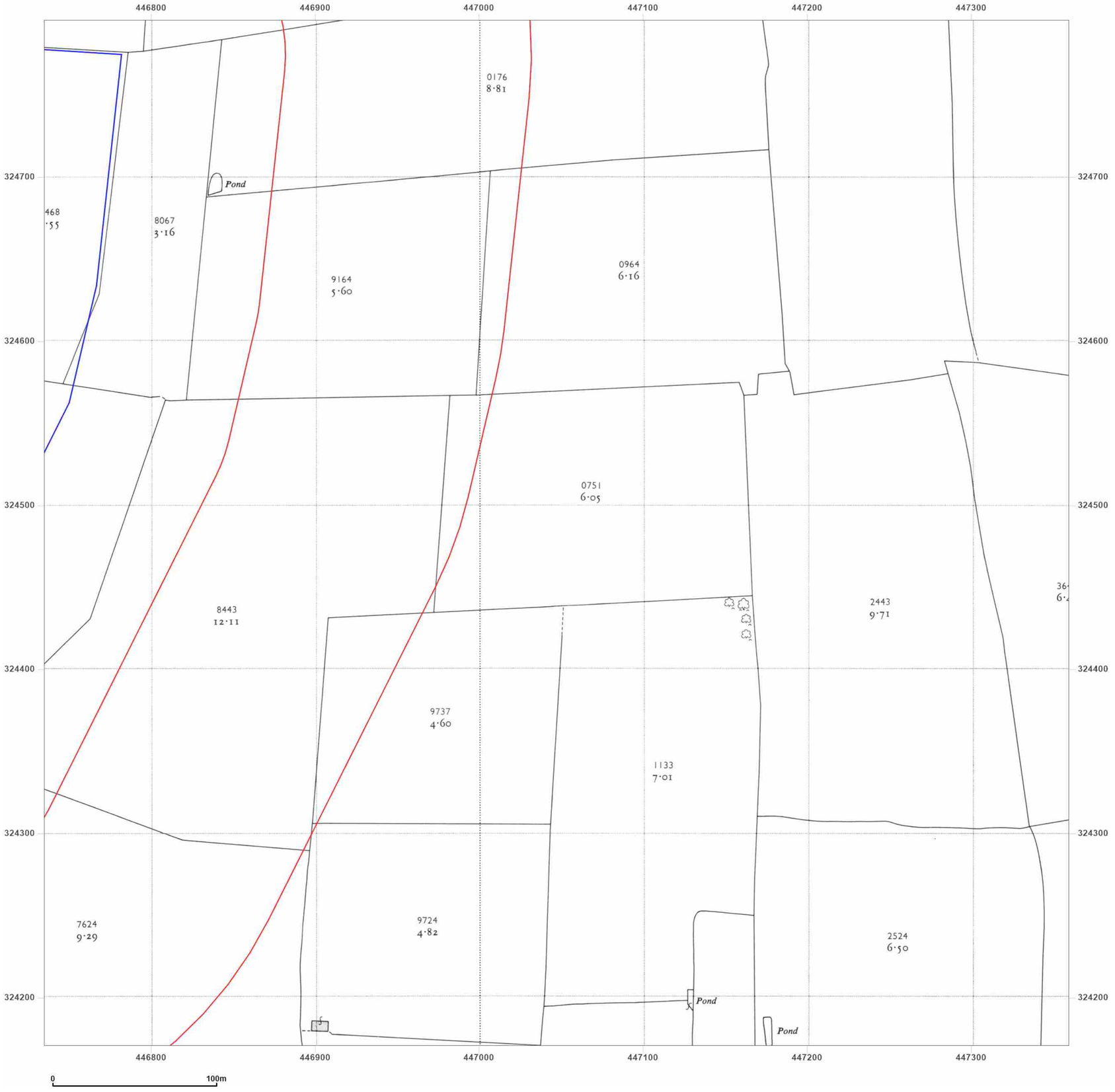
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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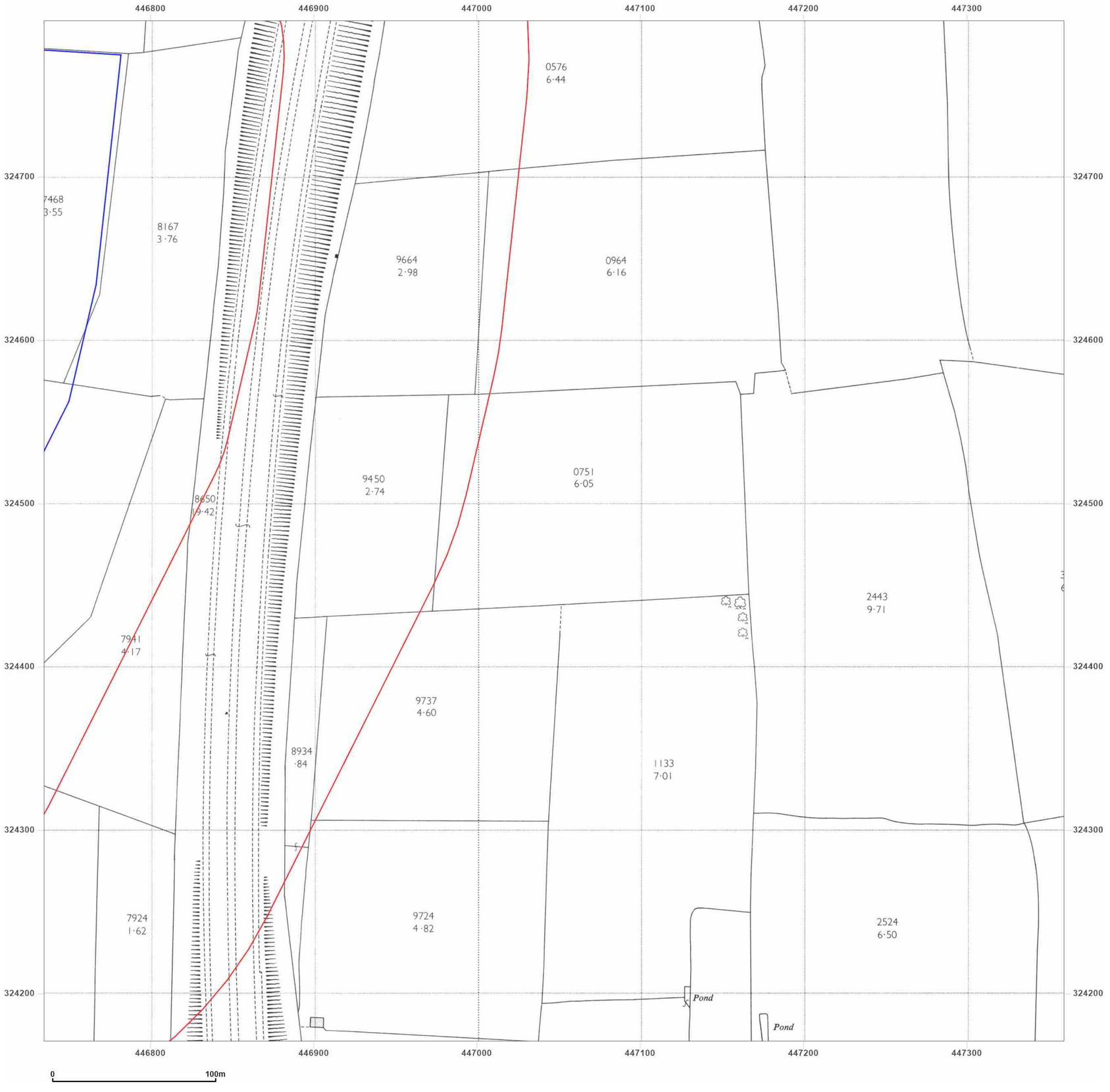
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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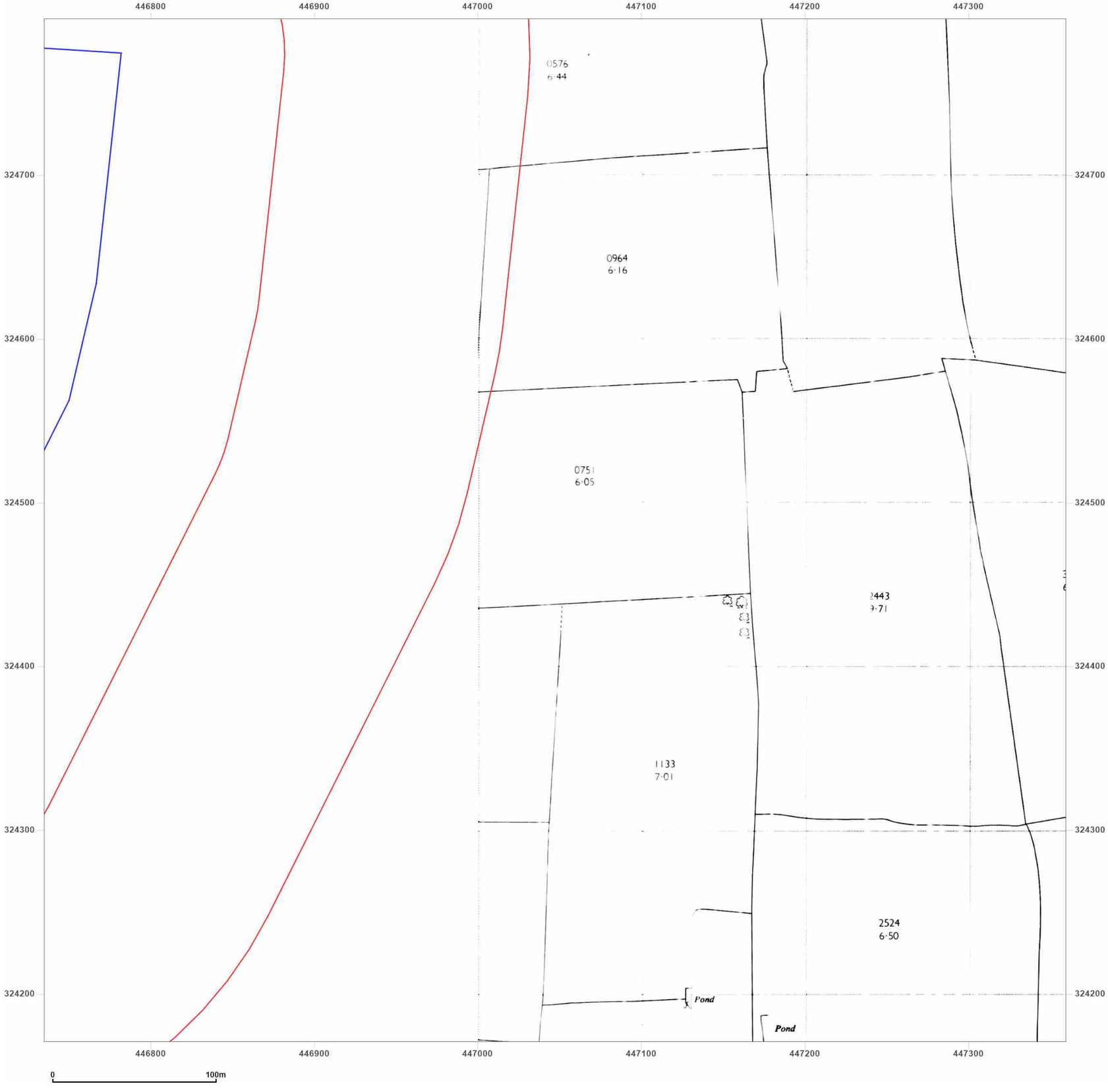
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: National Grid

Map date: **1991-1992**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1966	Surveyed 1992
Revised 1991	Revised 1992
Edition N/A	Edition N/A
Copyright 1991	Copyright 1992
Levelled 1966	Levelled N/A

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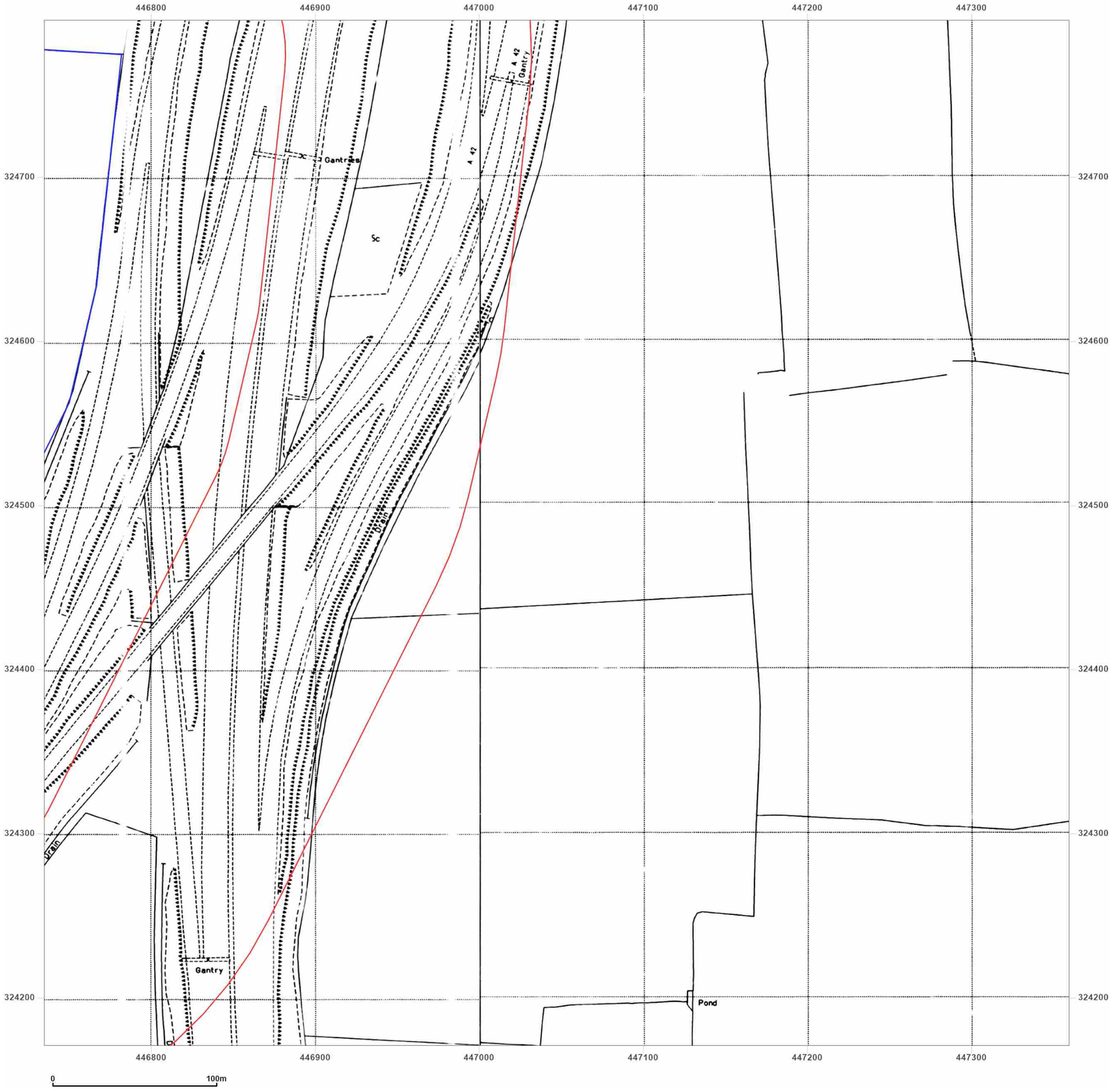
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_1
Grid Ref: 447047, 324483

Map Name: National Grid

Map date: **1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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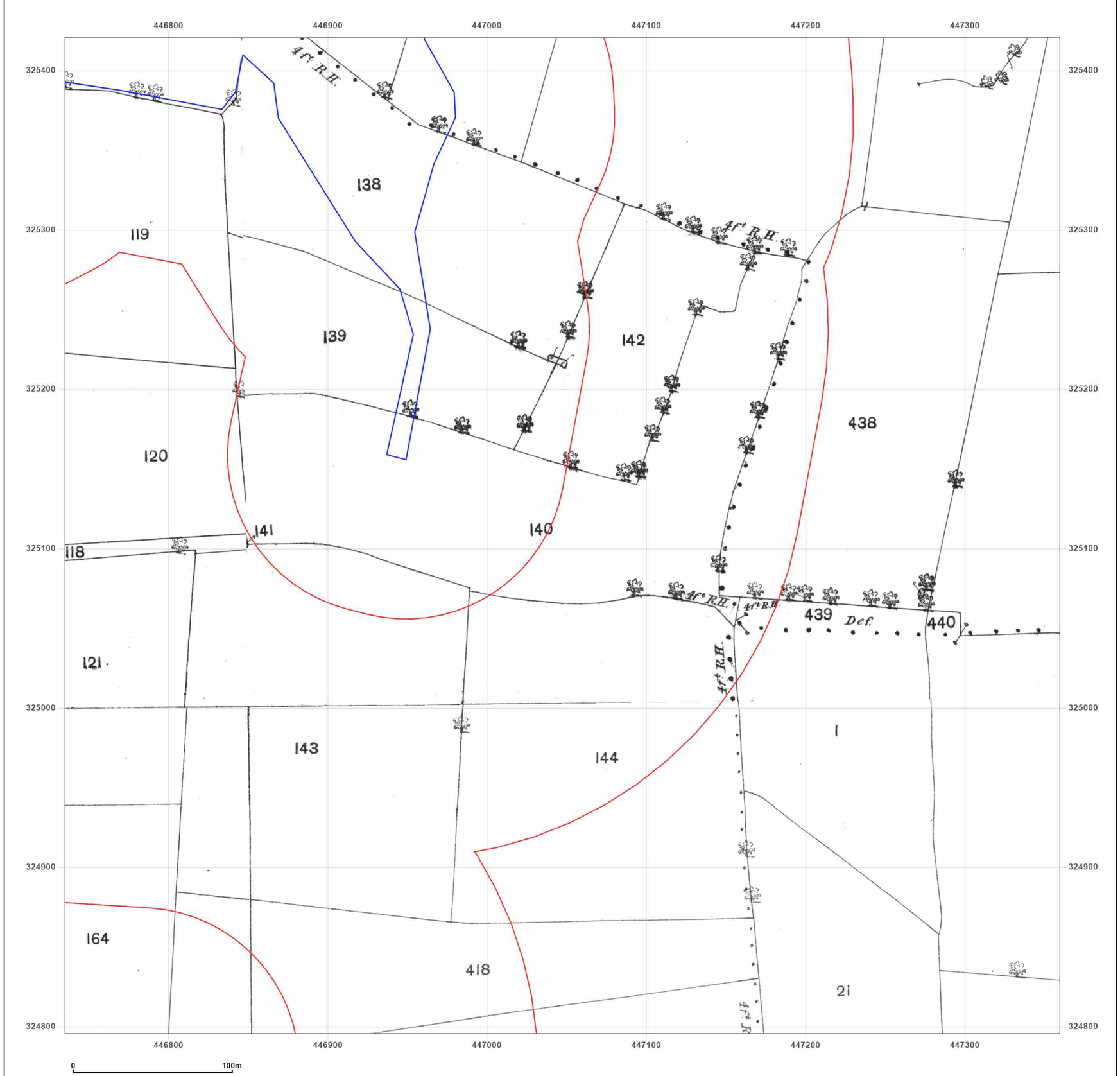
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: County Series

Map date: **1884**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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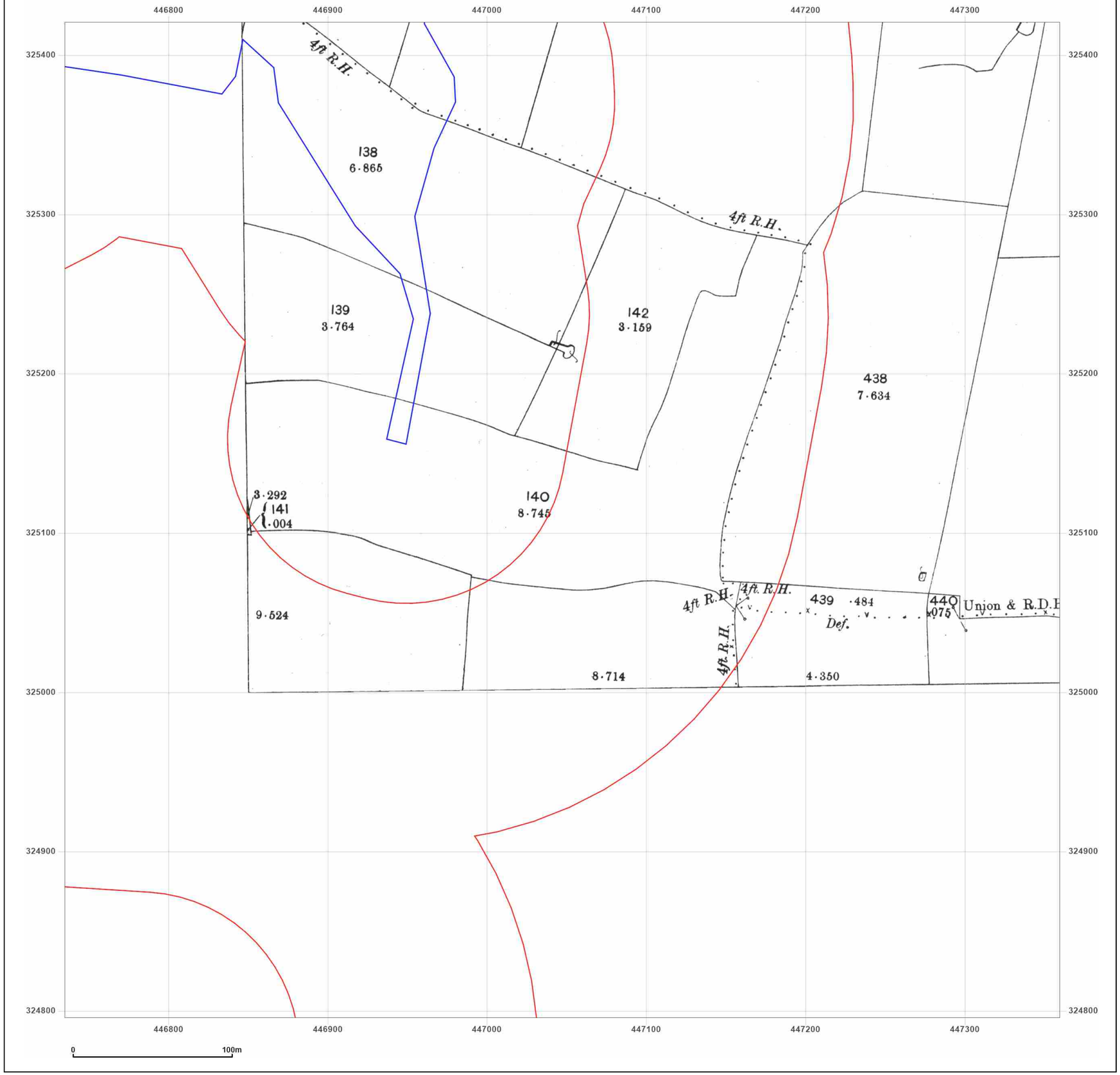
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: County Series

Map date: **1900**

Scale: 1:2,500

Printed at: 1:2,500

N
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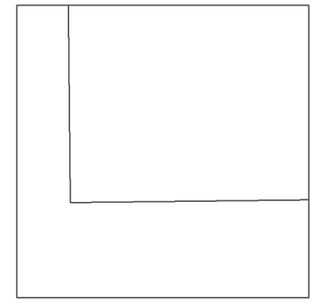
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



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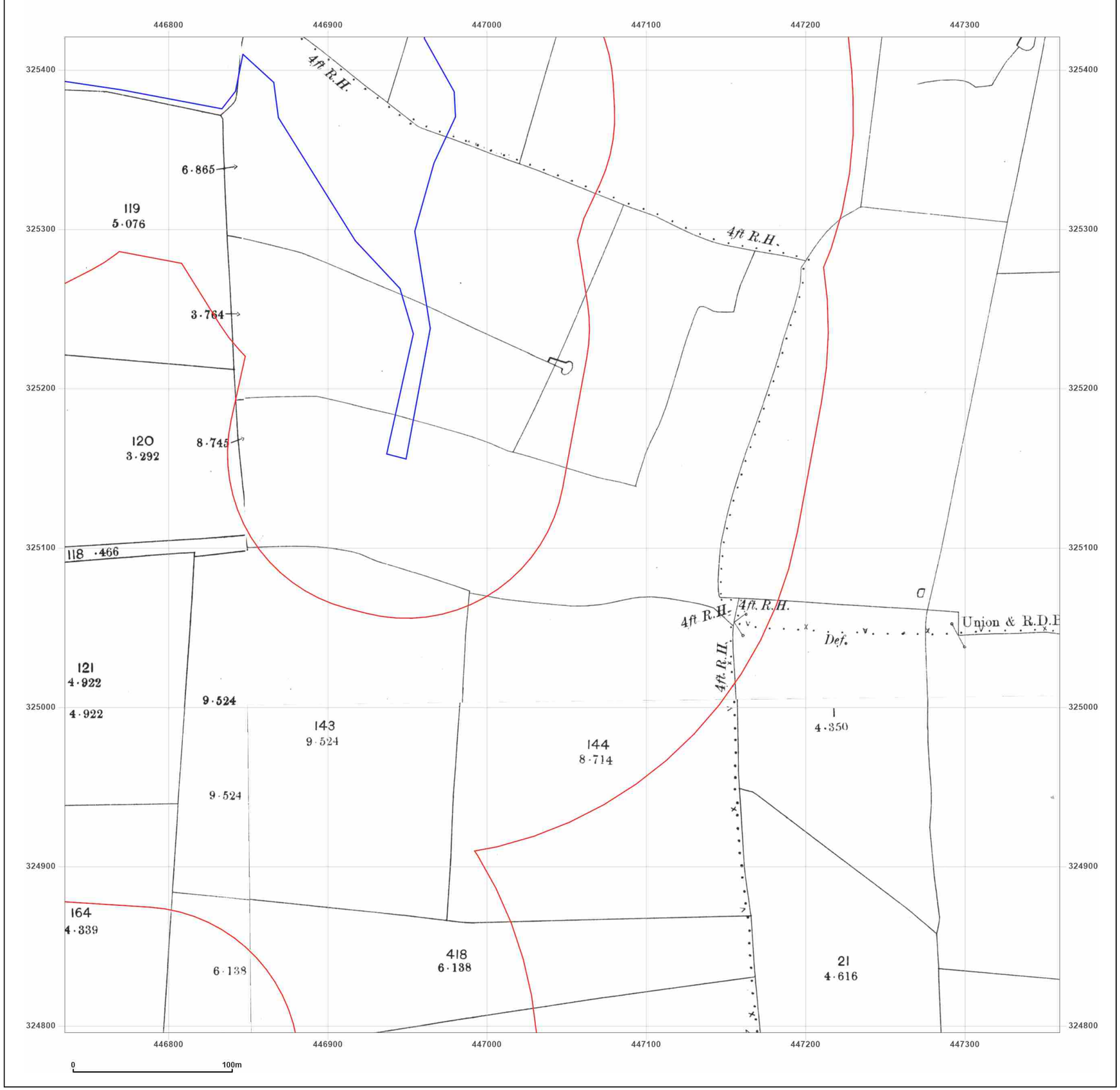
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: County Series

Map date: **1900-1903**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1903
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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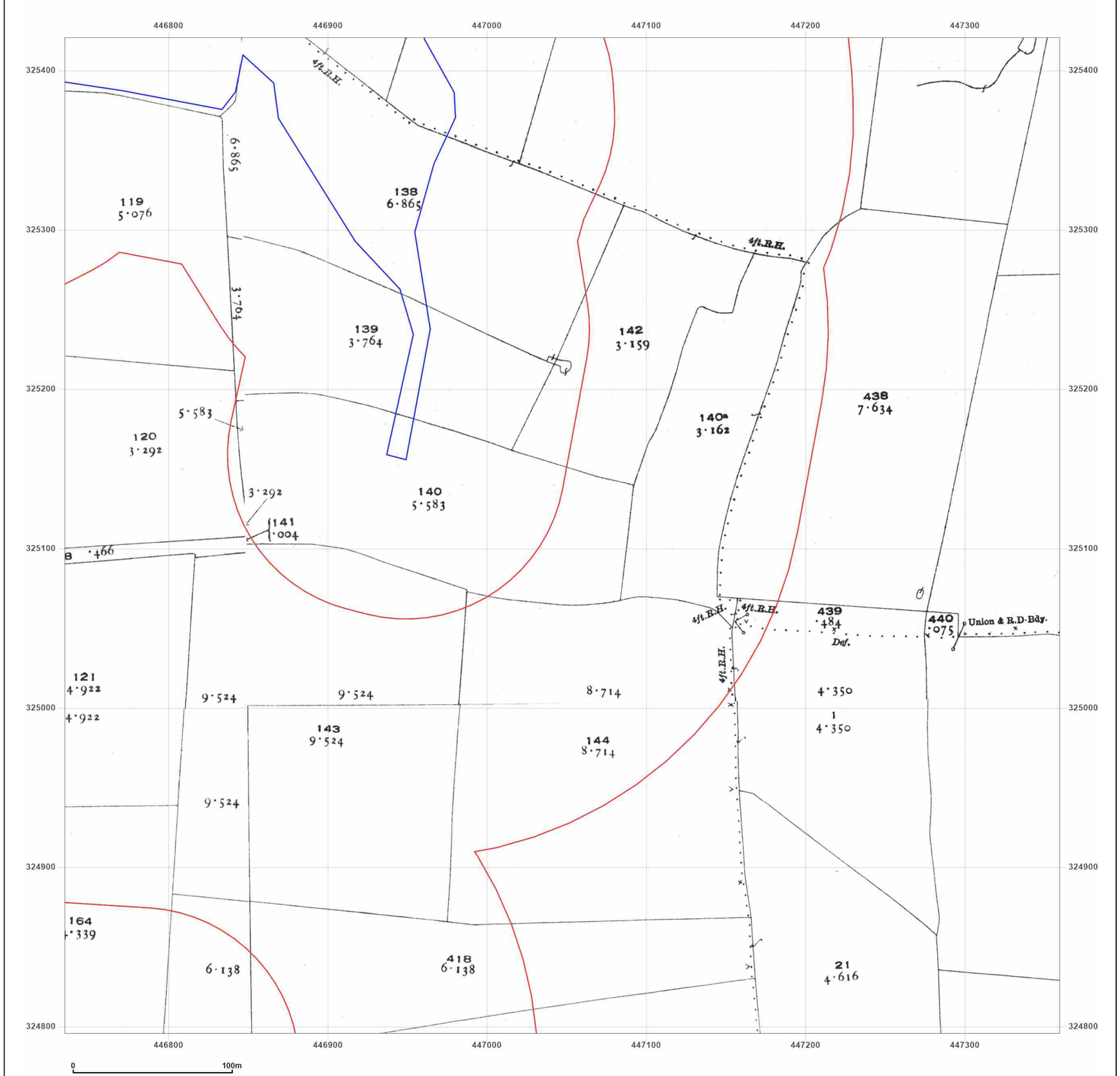
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: County Series

Map date: **1921**

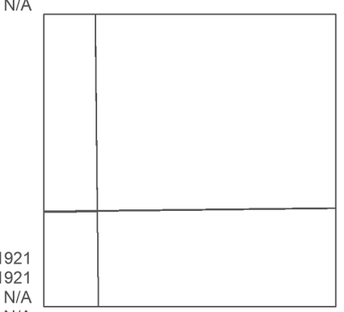
Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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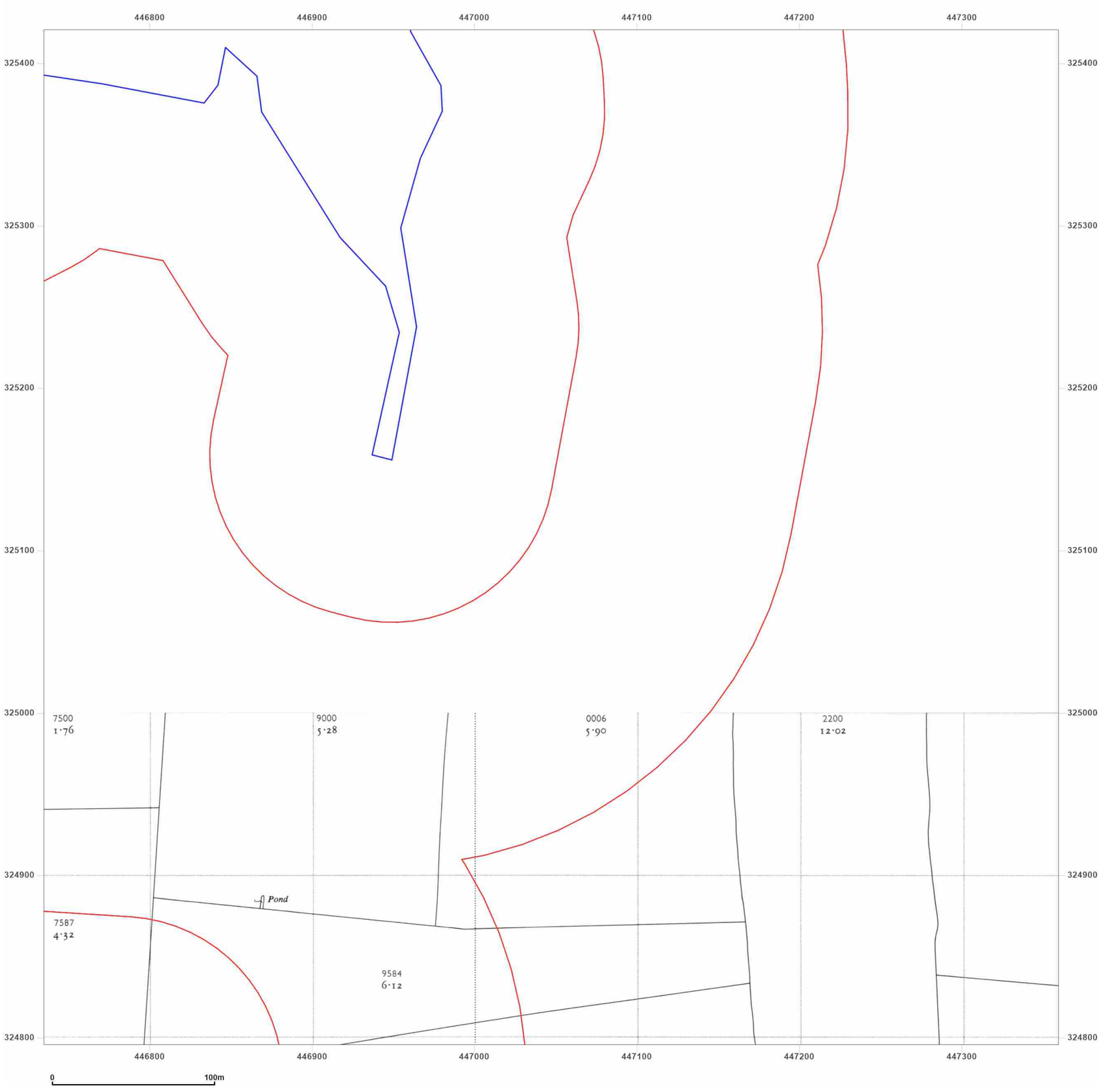
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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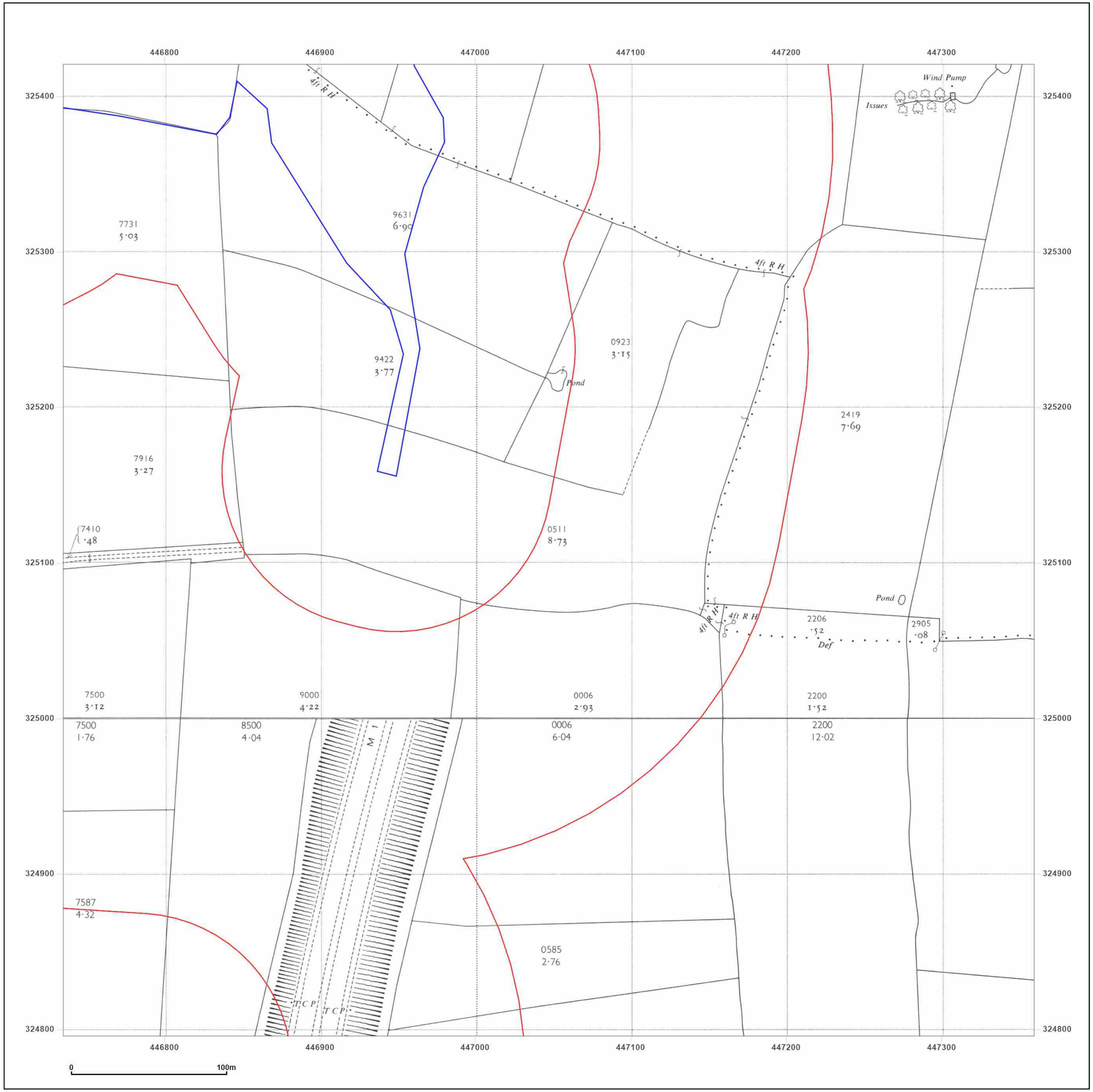
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1962-1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

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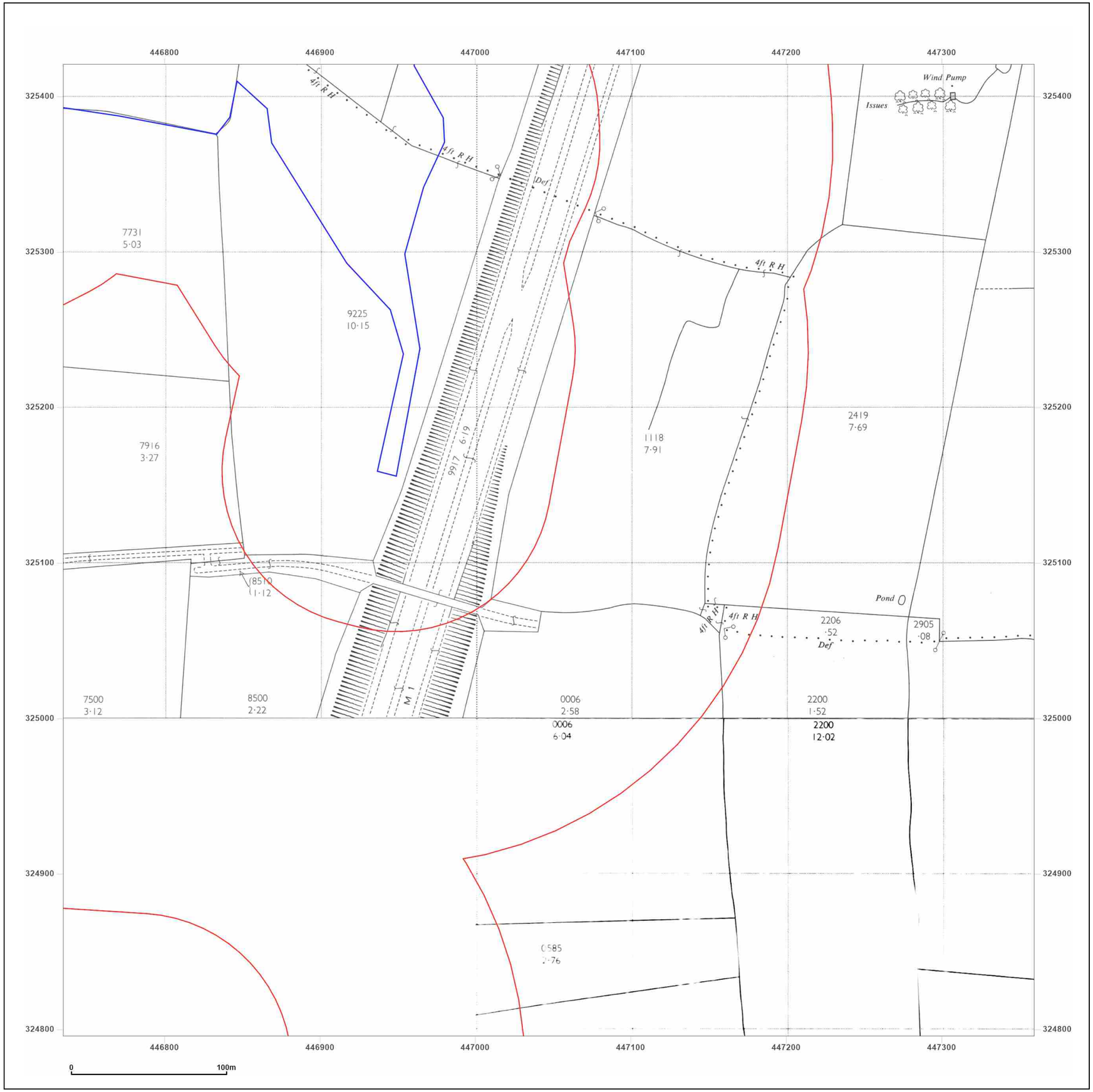
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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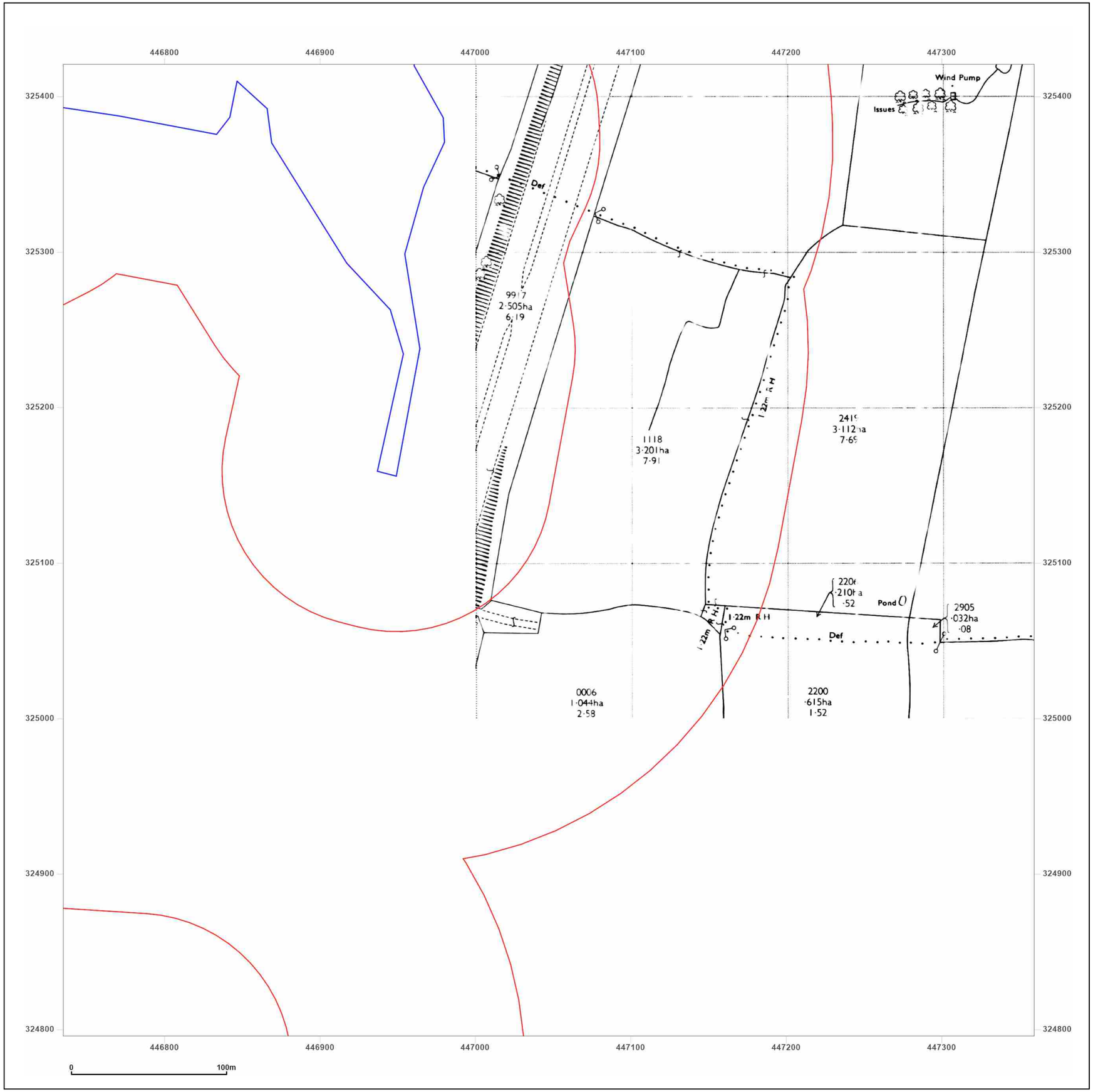
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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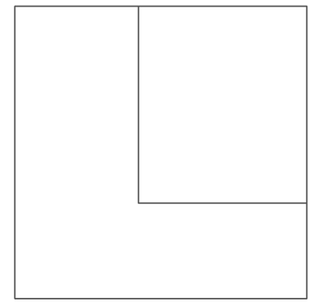
Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



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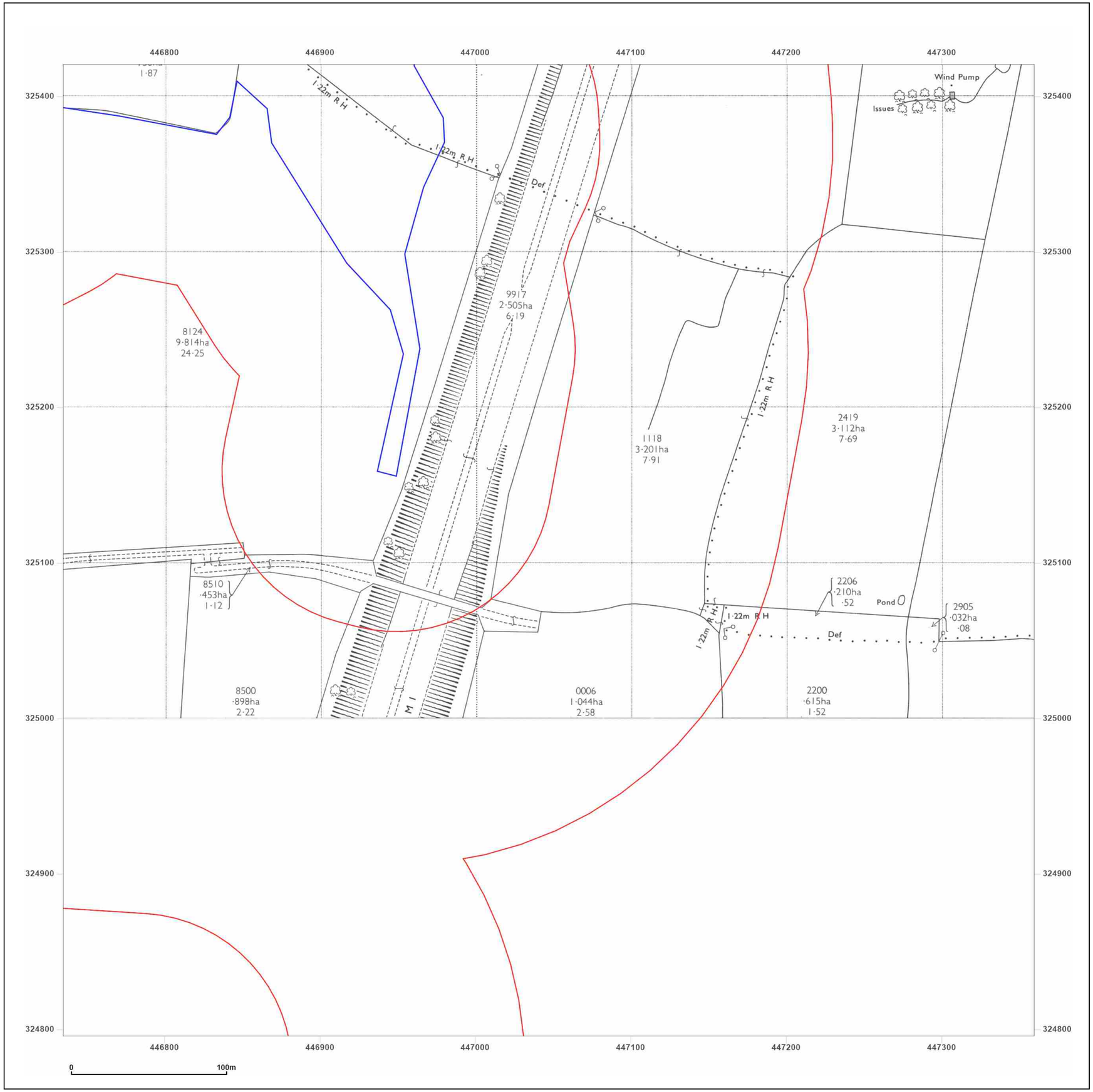
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966

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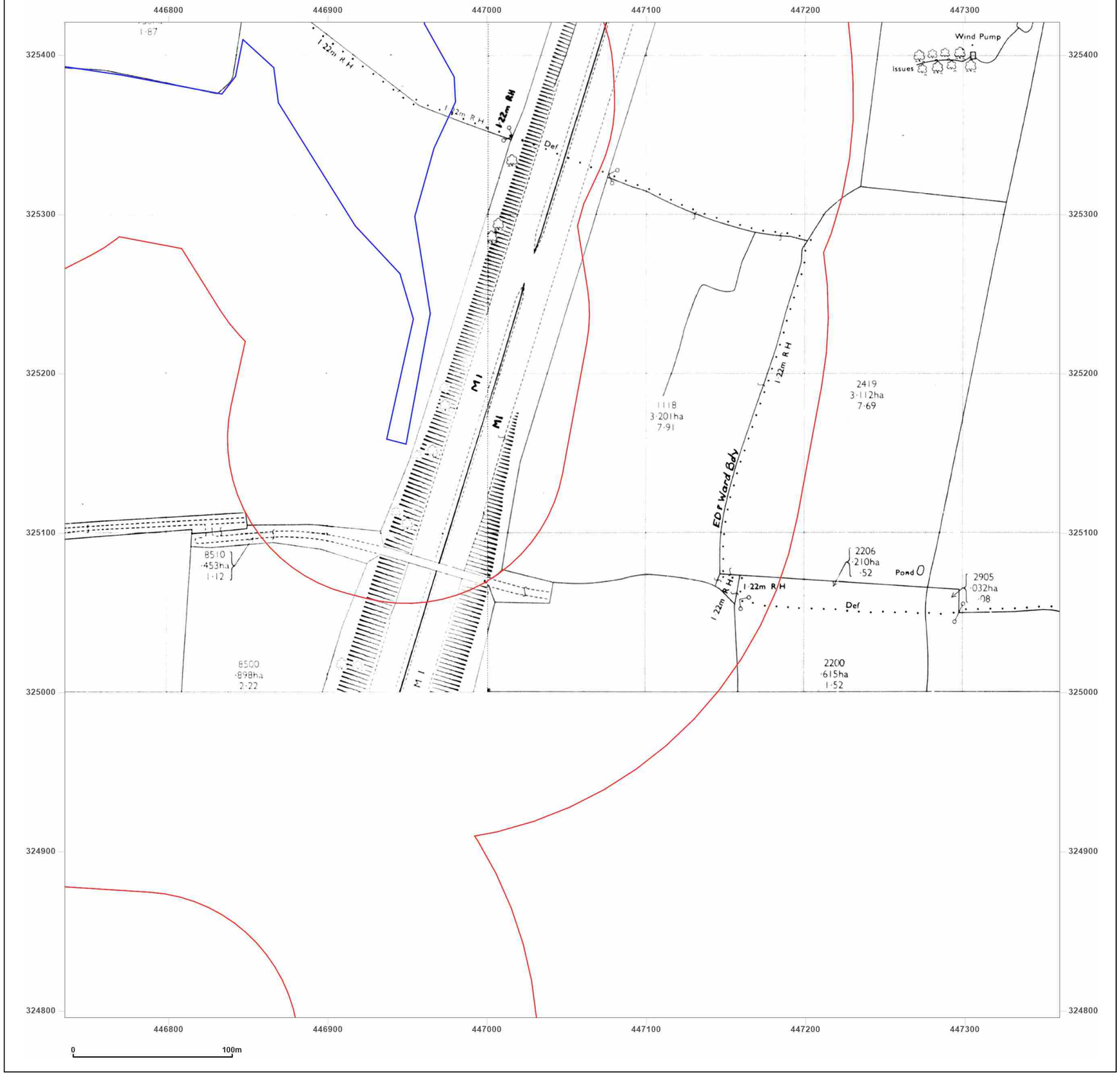
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1984-1988**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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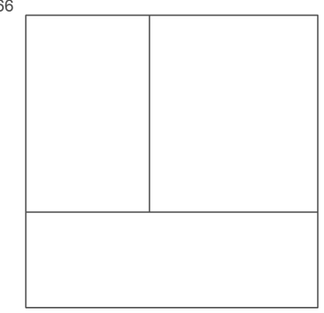
Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1988
Edition N/A
Copyright 1988
Levelled 1966



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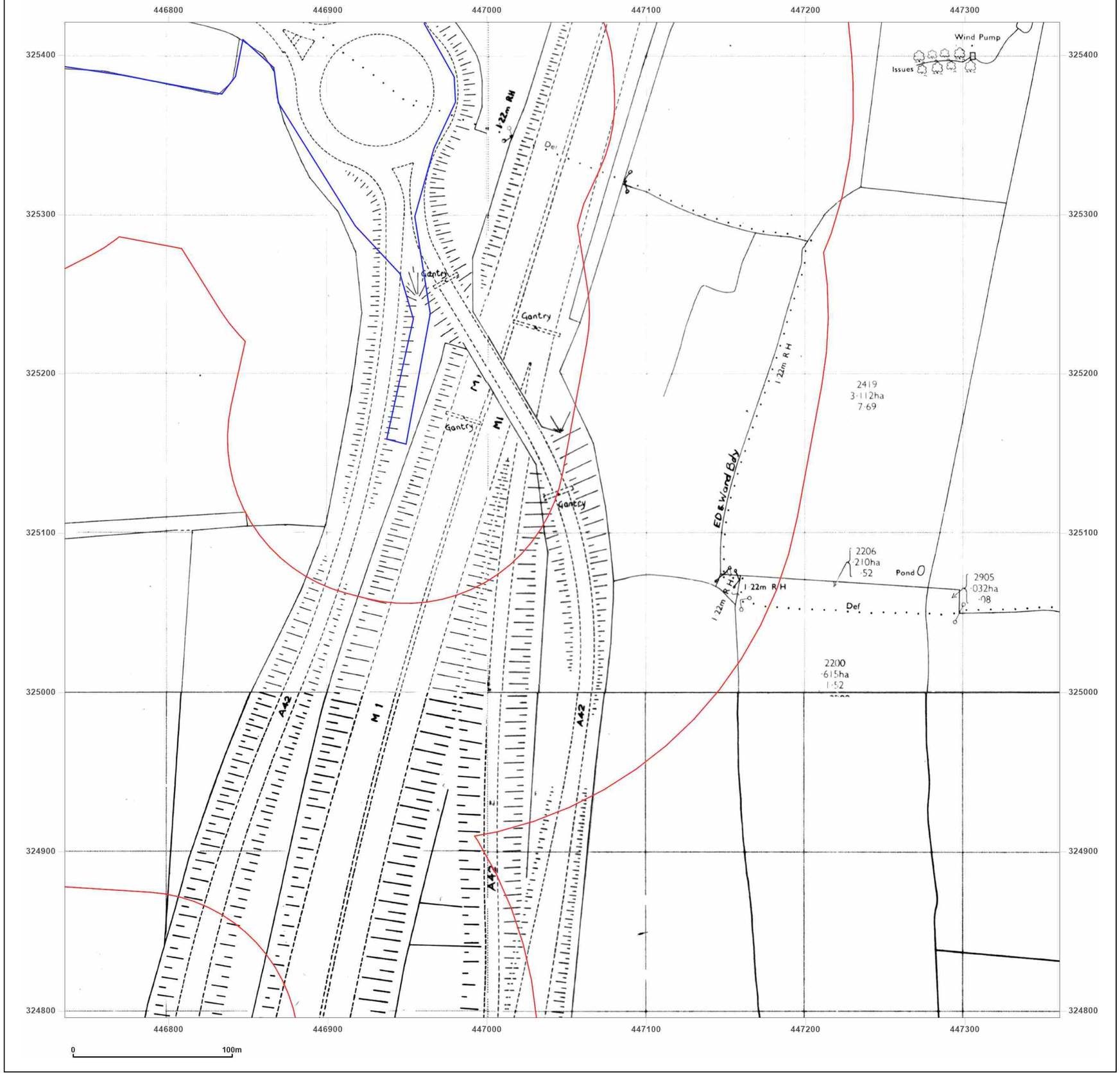
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1991-1992**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
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Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed 1992
Revised 1992
Edition N/A
Copyright 1992
Levelled N/A

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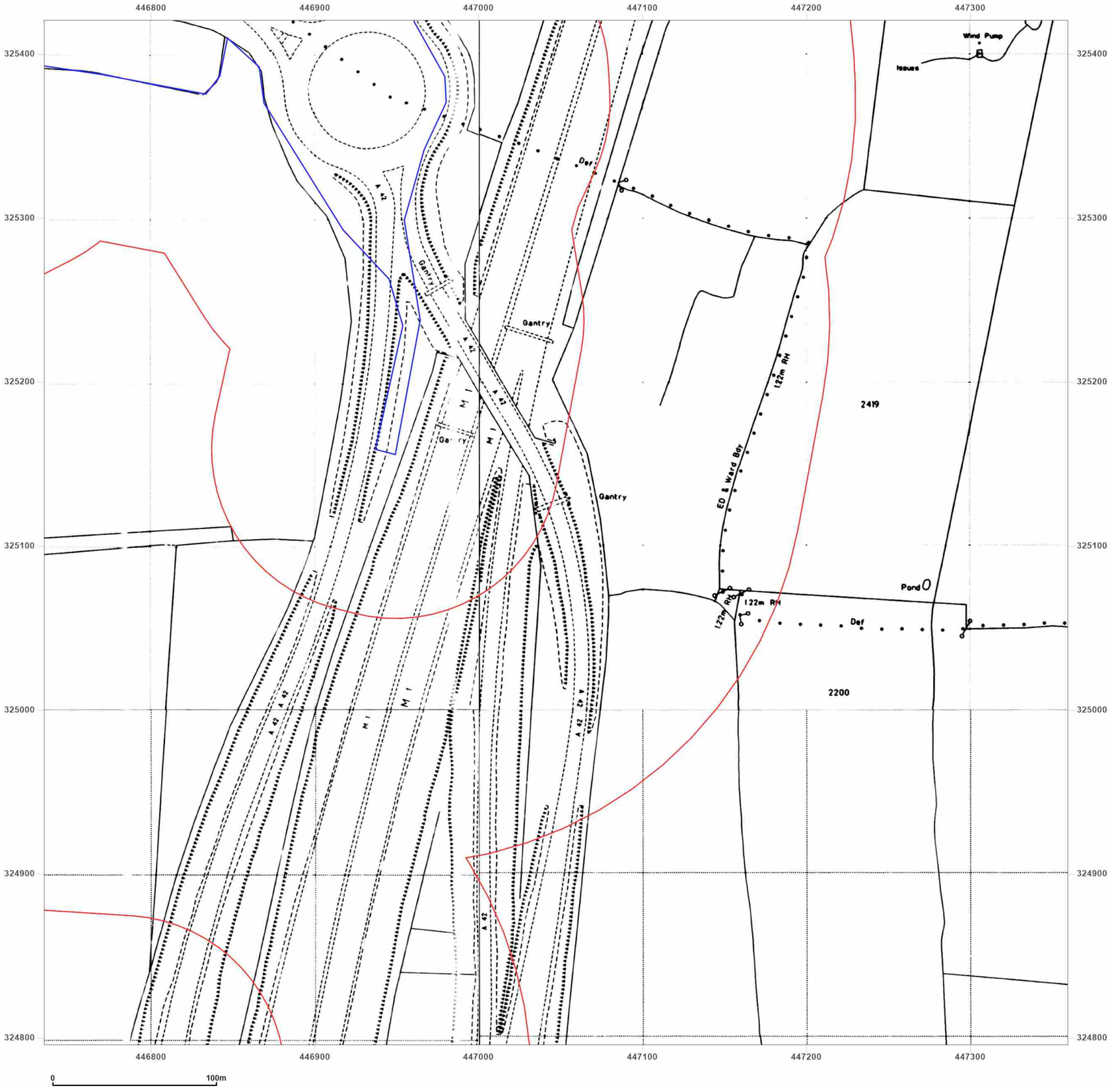
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_2
Grid Ref: 447047, 325108

Map Name: National Grid

Map date: **1993-1994**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A

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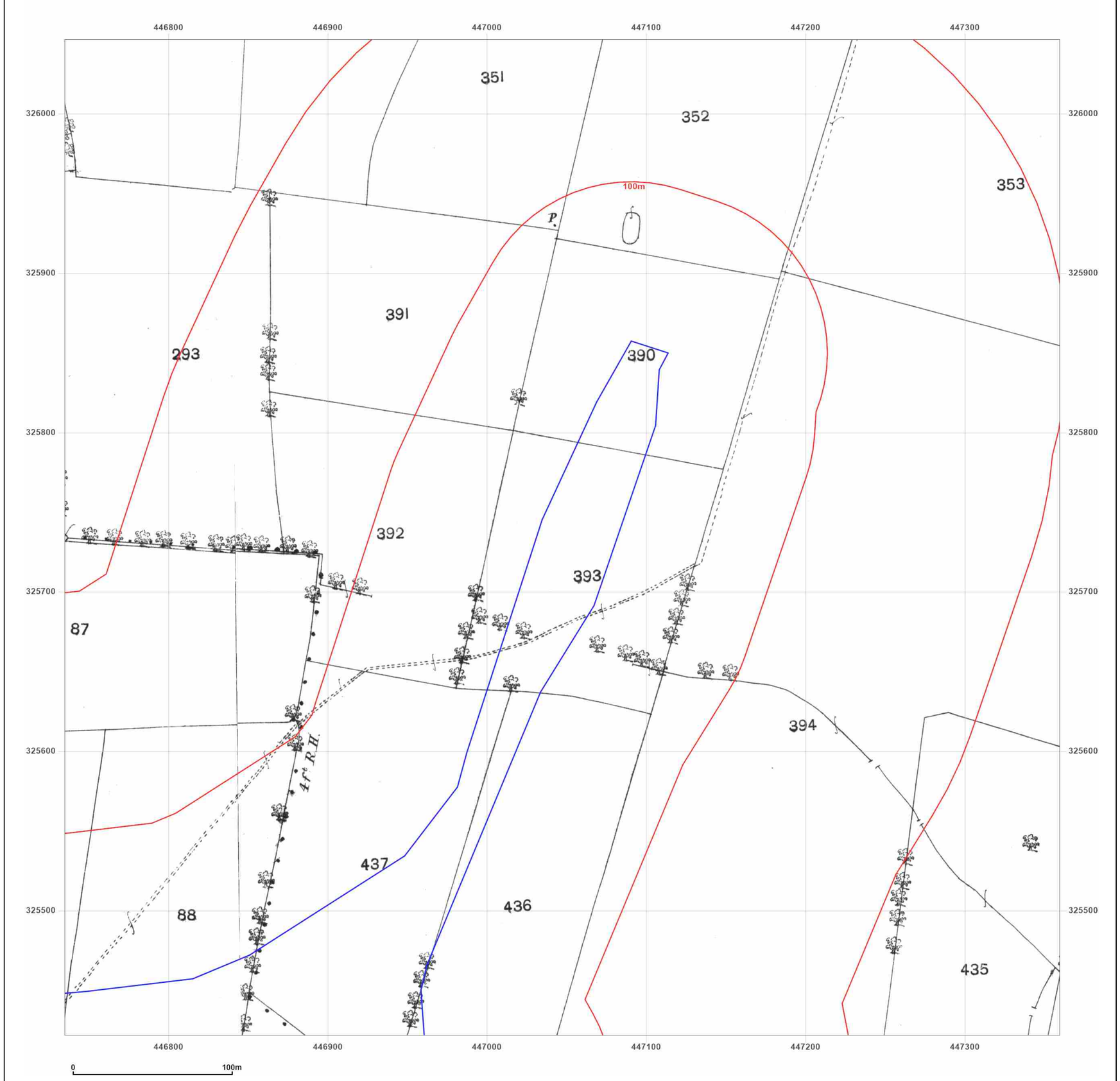
Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: County Series
Map date: **1884**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
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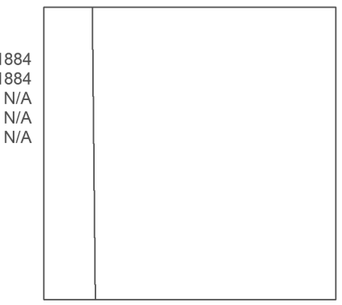
Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1884
Revised 1884
Edition N/A
Copyright N/A
Levelled N/A

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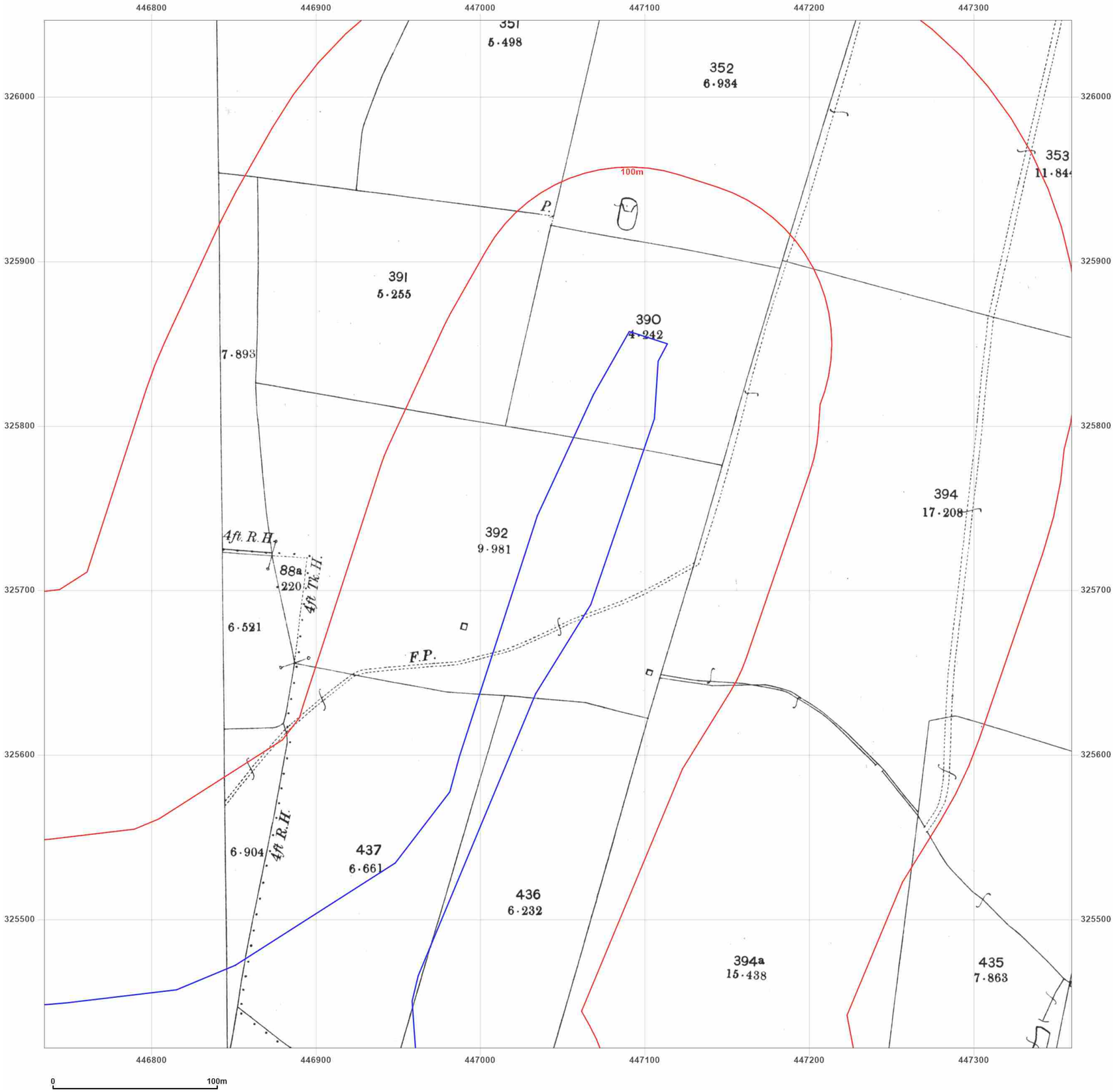
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: County Series
Map date: **1900**
Scale: 1:2,500
Printed at: 1:2,500

N
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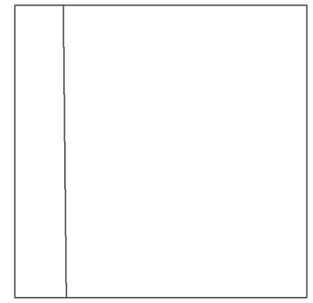

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 13 December 2024

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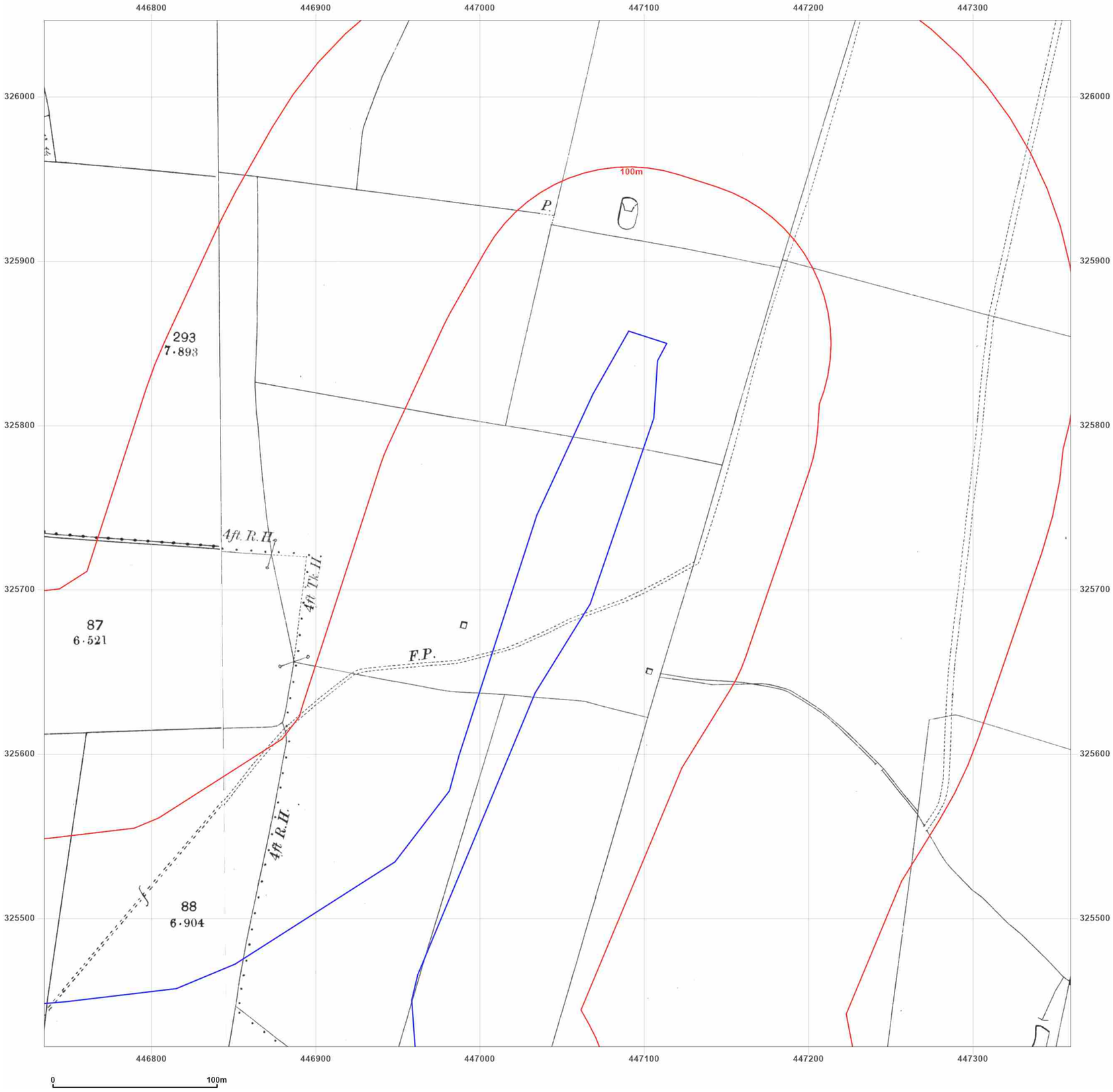

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: County Series

Map date: **1900-1903**

Scale: 1:2,500

Printed at: 1:2,500

N
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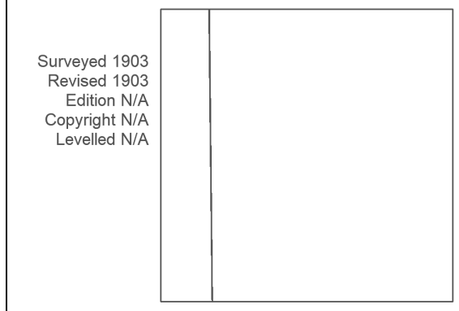

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Production date: 13 December 2024

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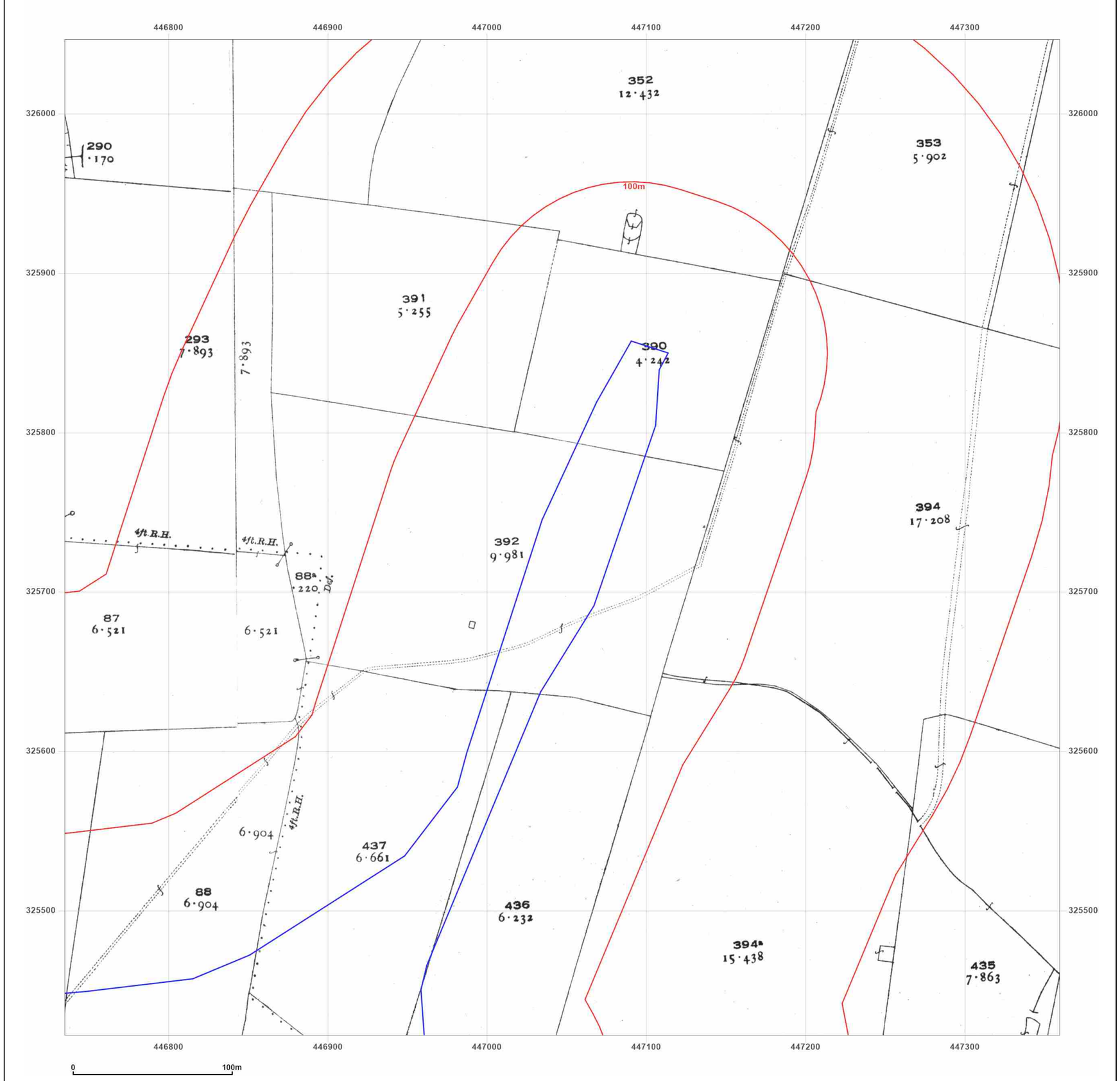


Groundsure INSIGHTS

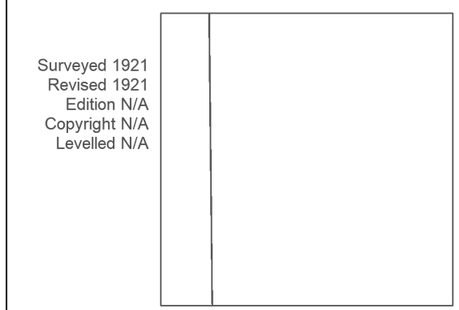
Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: County Series
Map date: **1921**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S



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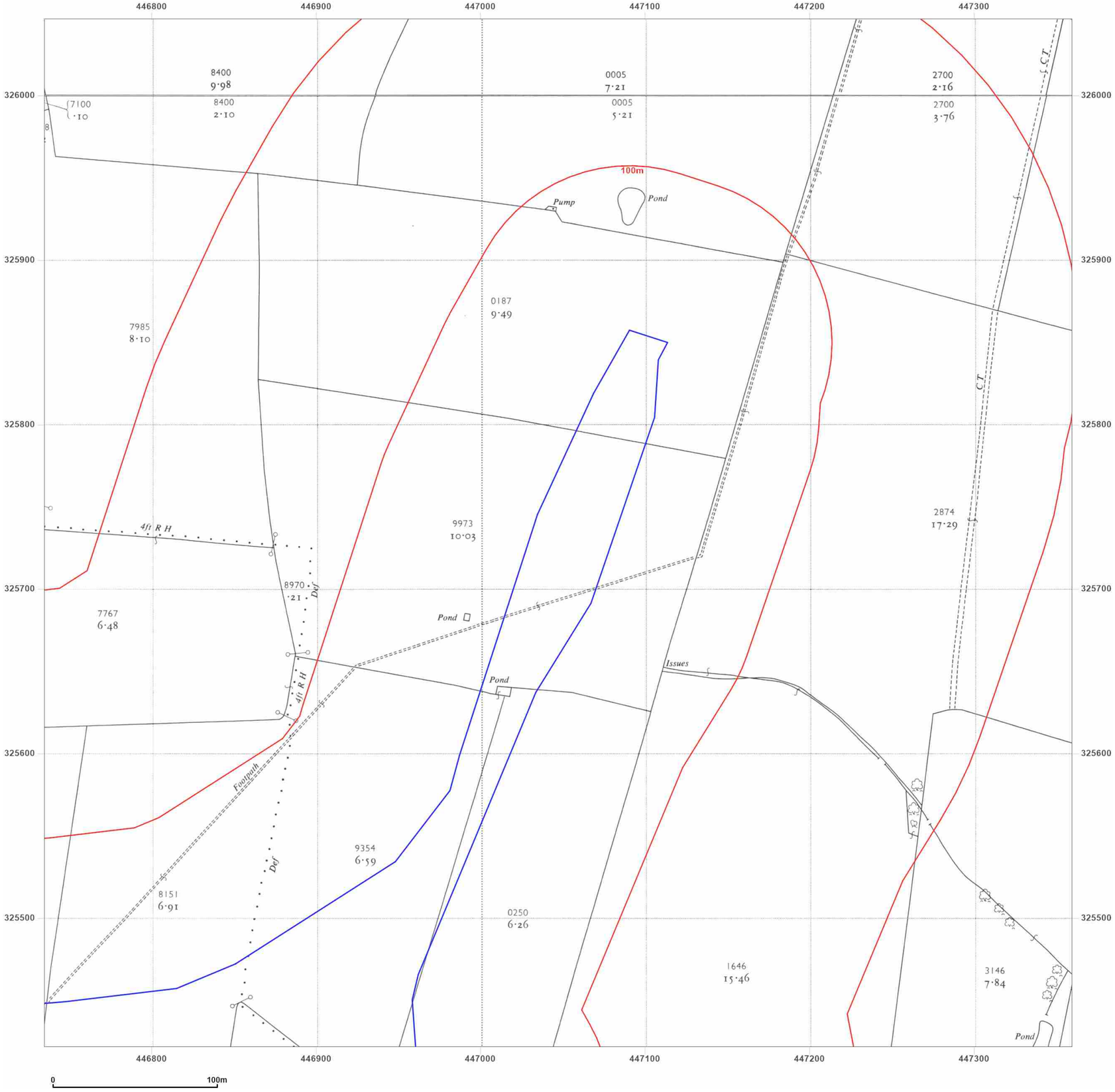
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid

Map date: **1962**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

Surveyed 1961
Revised 1961
Edition N/A
Copyright 1962
Levelled 1944

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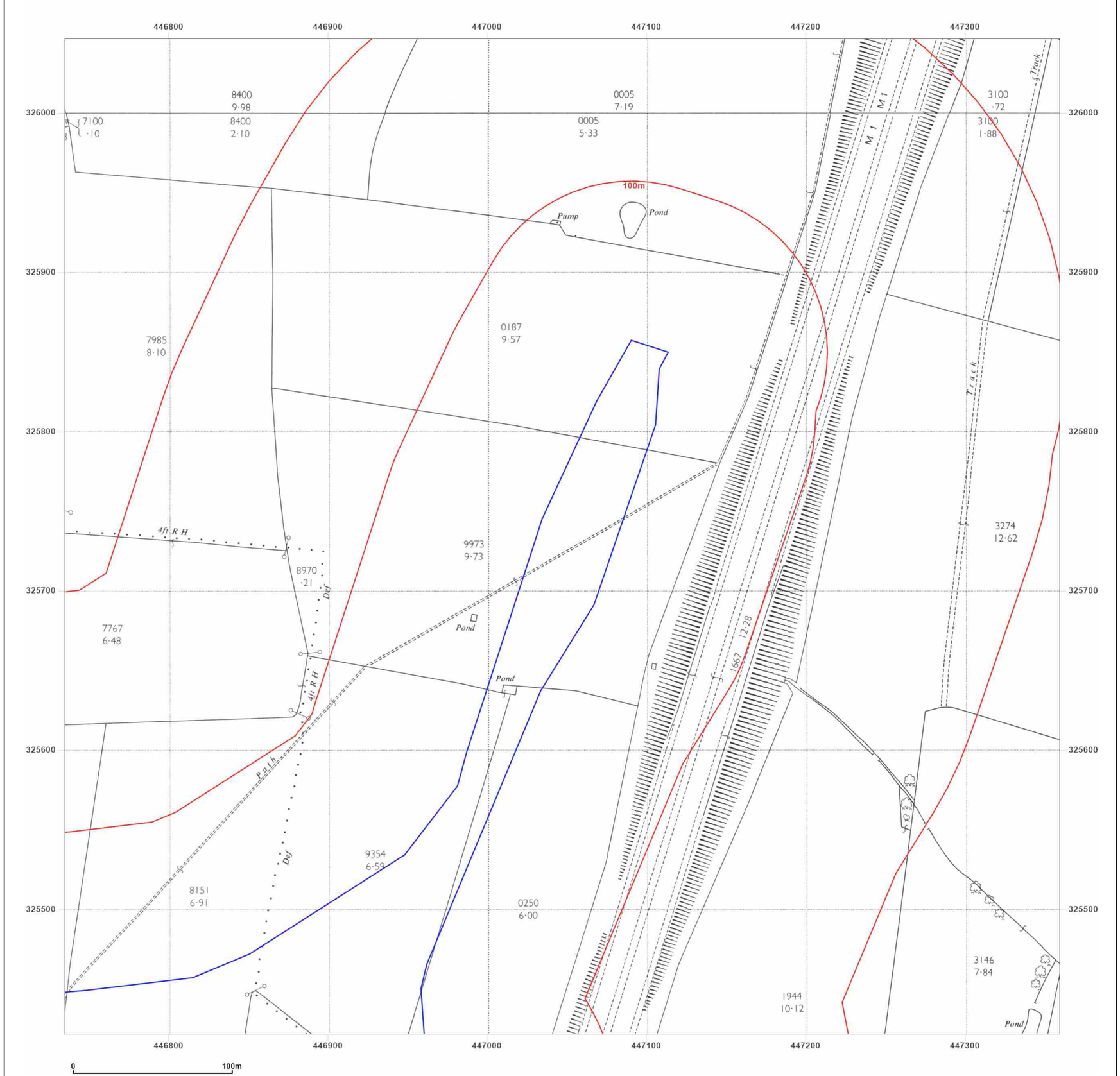
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid

Map date: **1967**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1966

Surveyed 1966
Revised 1966
Edition N/A
Copyright 1967
Levelled 1944

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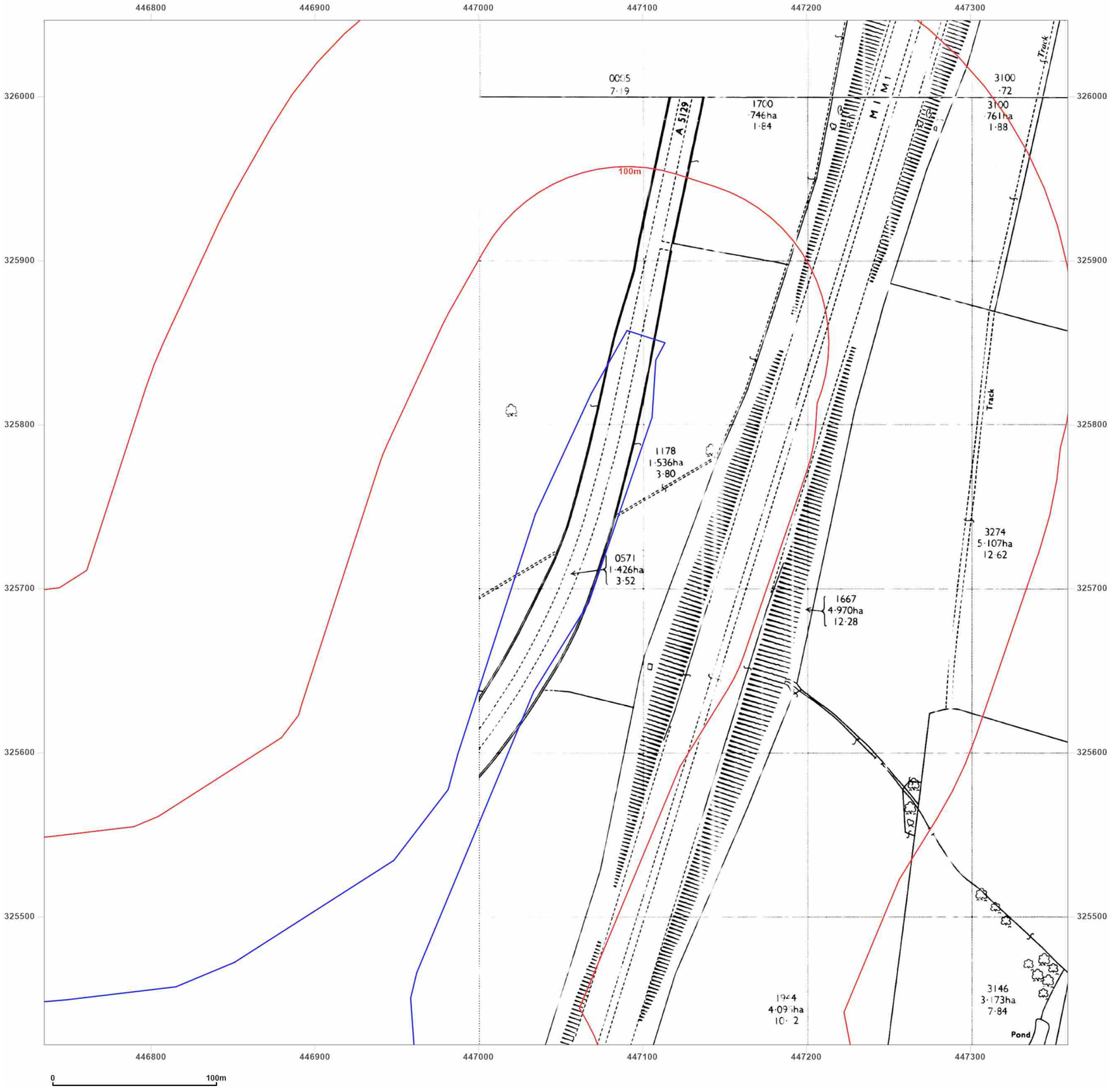
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid

Map date: **1967-1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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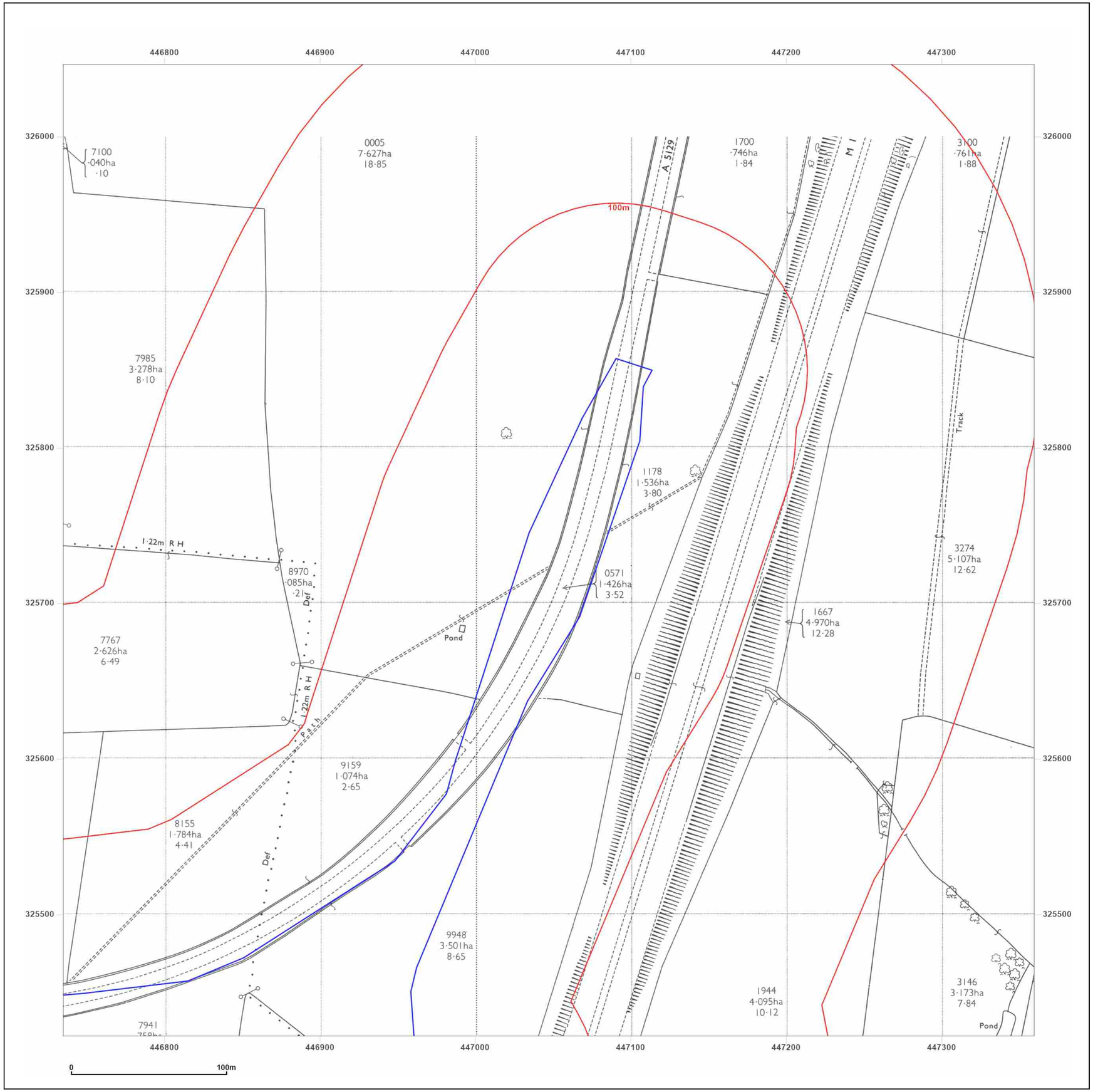
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid

Map date: **1972**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright 1972
Levelled 1966

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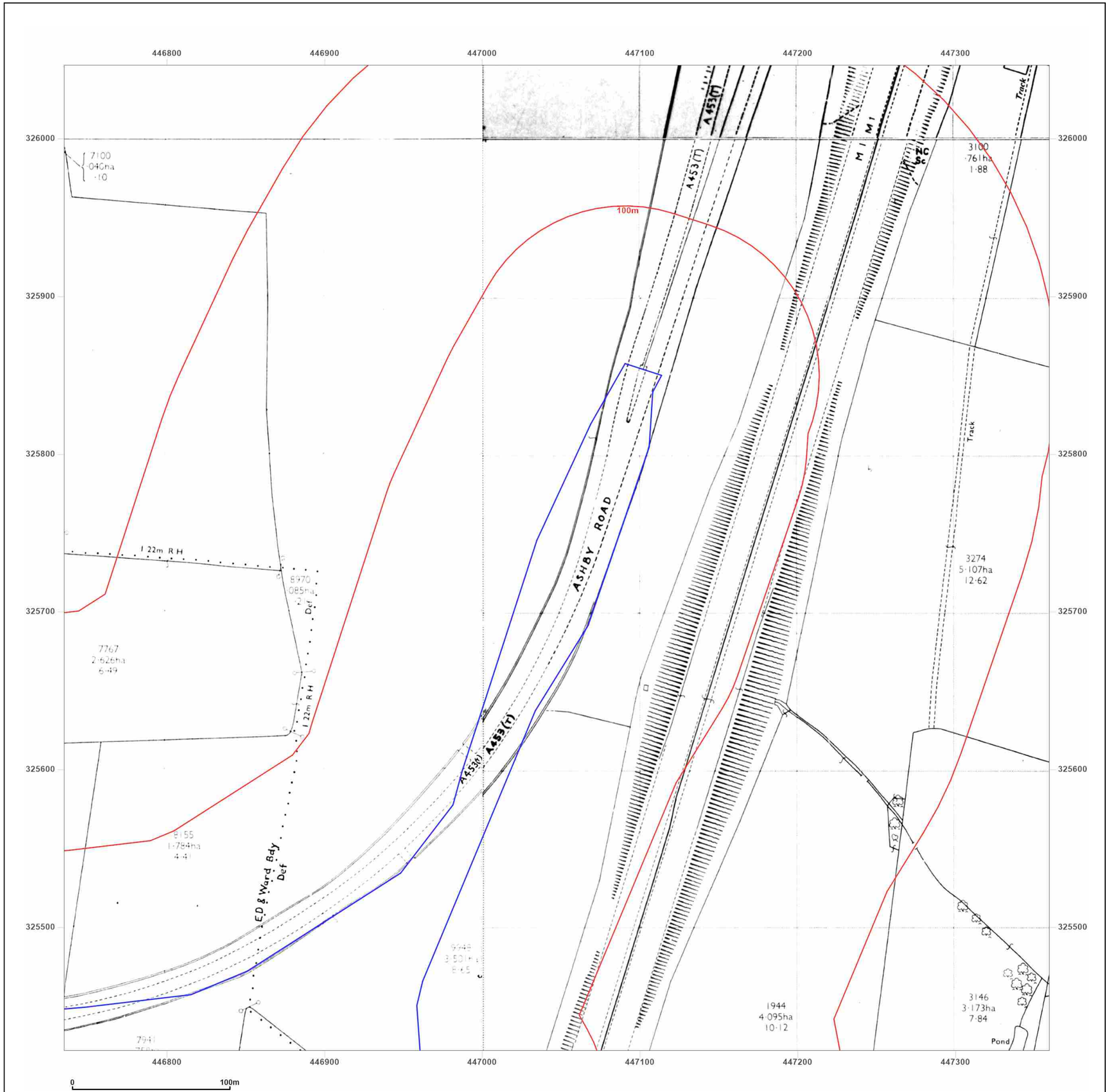
Production date: 13 December 2024

Map legend available at: [redacted]



Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid

Map date: **1984-1988**

Scale: 1:2,500

Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1988
Edition N/A
Copyright 1988
Levelled 1966

Surveyed 1966
Revised 1984
Edition N/A
Copyright 1984
Levelled 1966

Surveyed 1966
Revised 1988
Edition N/A
Copyright 1988
Levelled 1966

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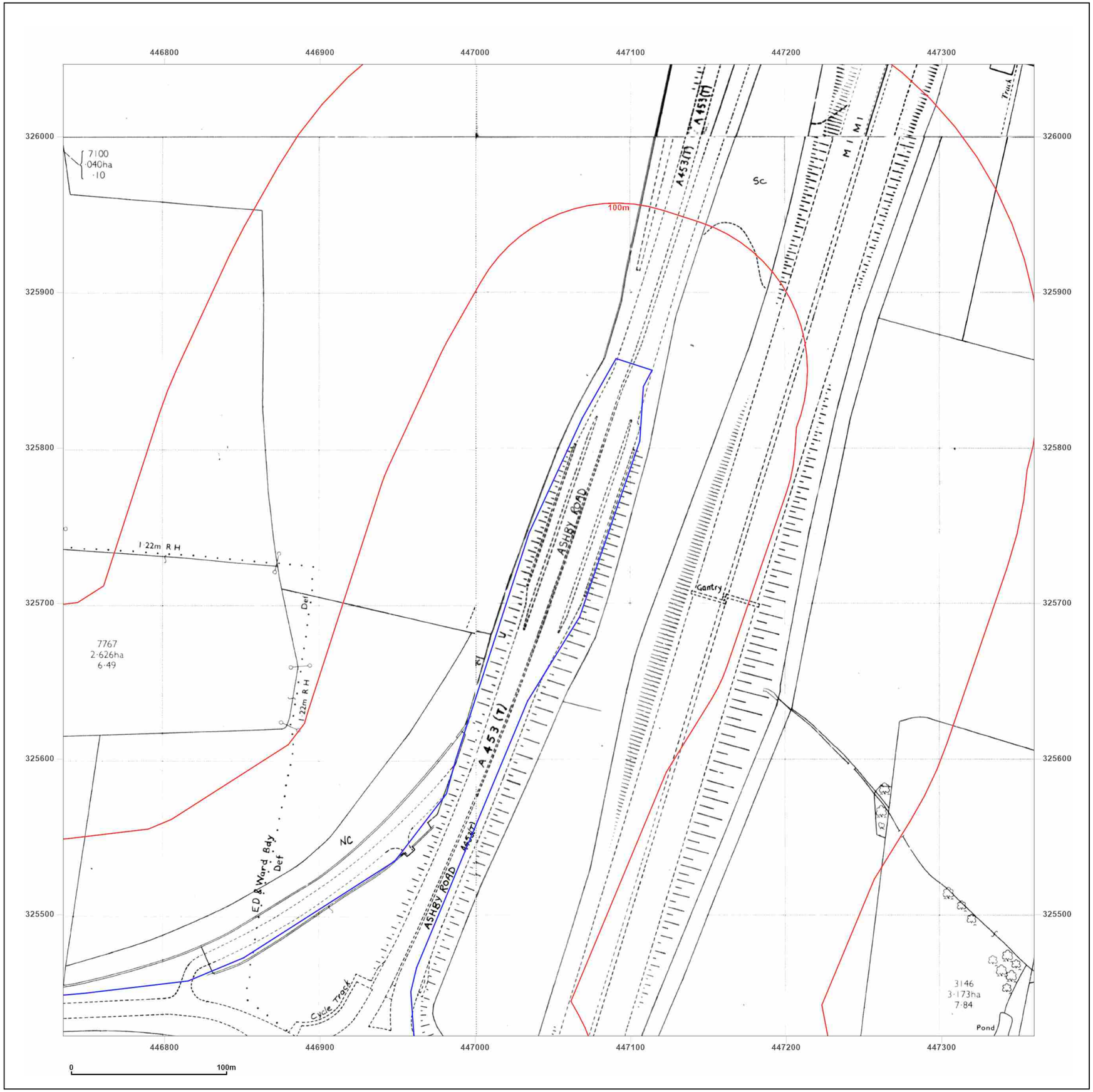
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid
Map date: **1989-1991**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed 1966
Revised 1989
Edition N/A
Copyright 1989
Levelled 1966

Surveyed 1991
Revised 1991
Edition N/A
Copyright 1991
Levelled N/A

Surveyed 1966
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

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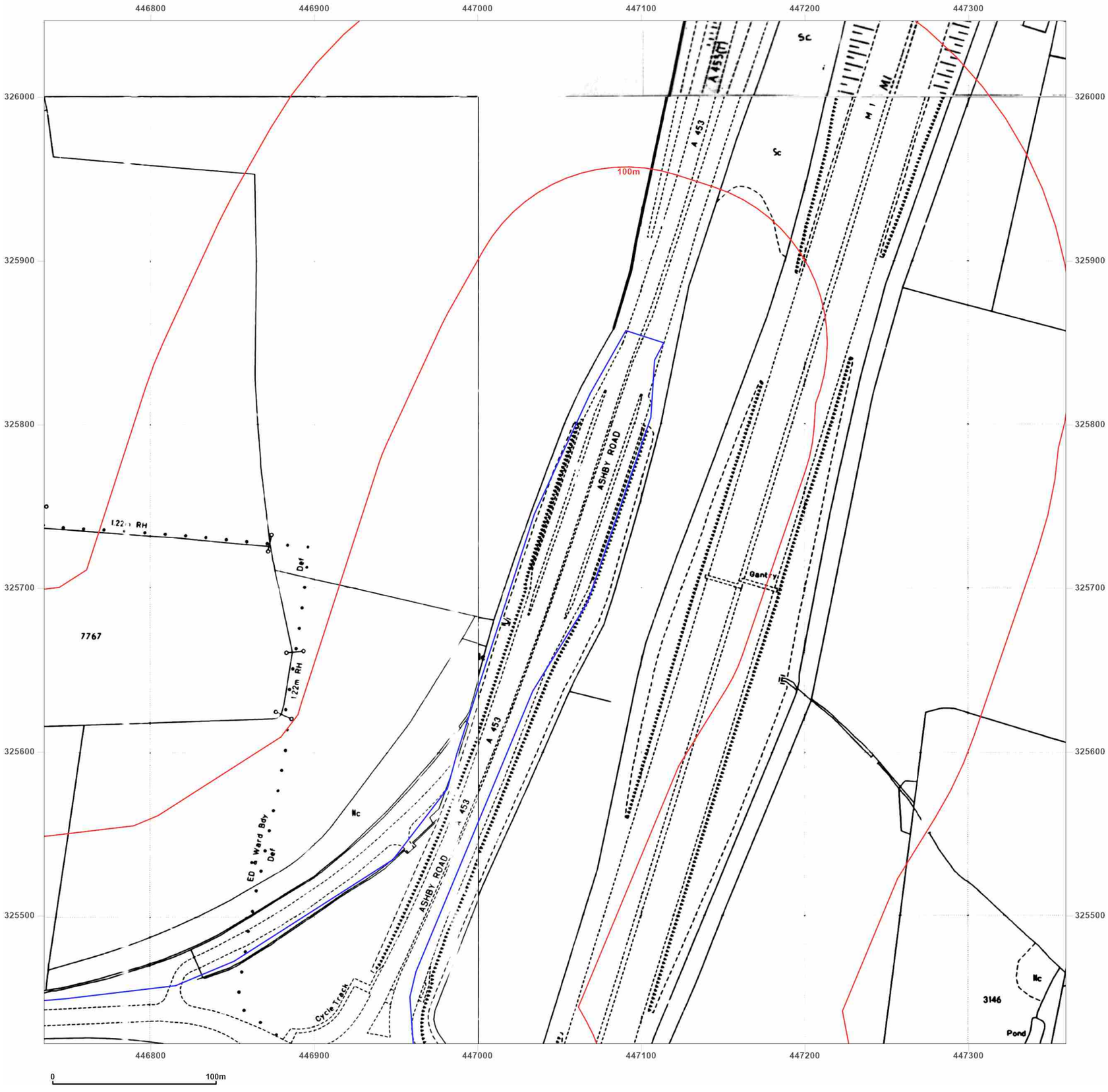
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_LS_5_3
Grid Ref: 447047, 325734

Map Name: National Grid
Map date: **1991-1993**
Scale: 1:2,500
Printed at: 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised 1991
Edition N/A
Copyright 1991
Levelled 1966

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1993
Levelled N/A

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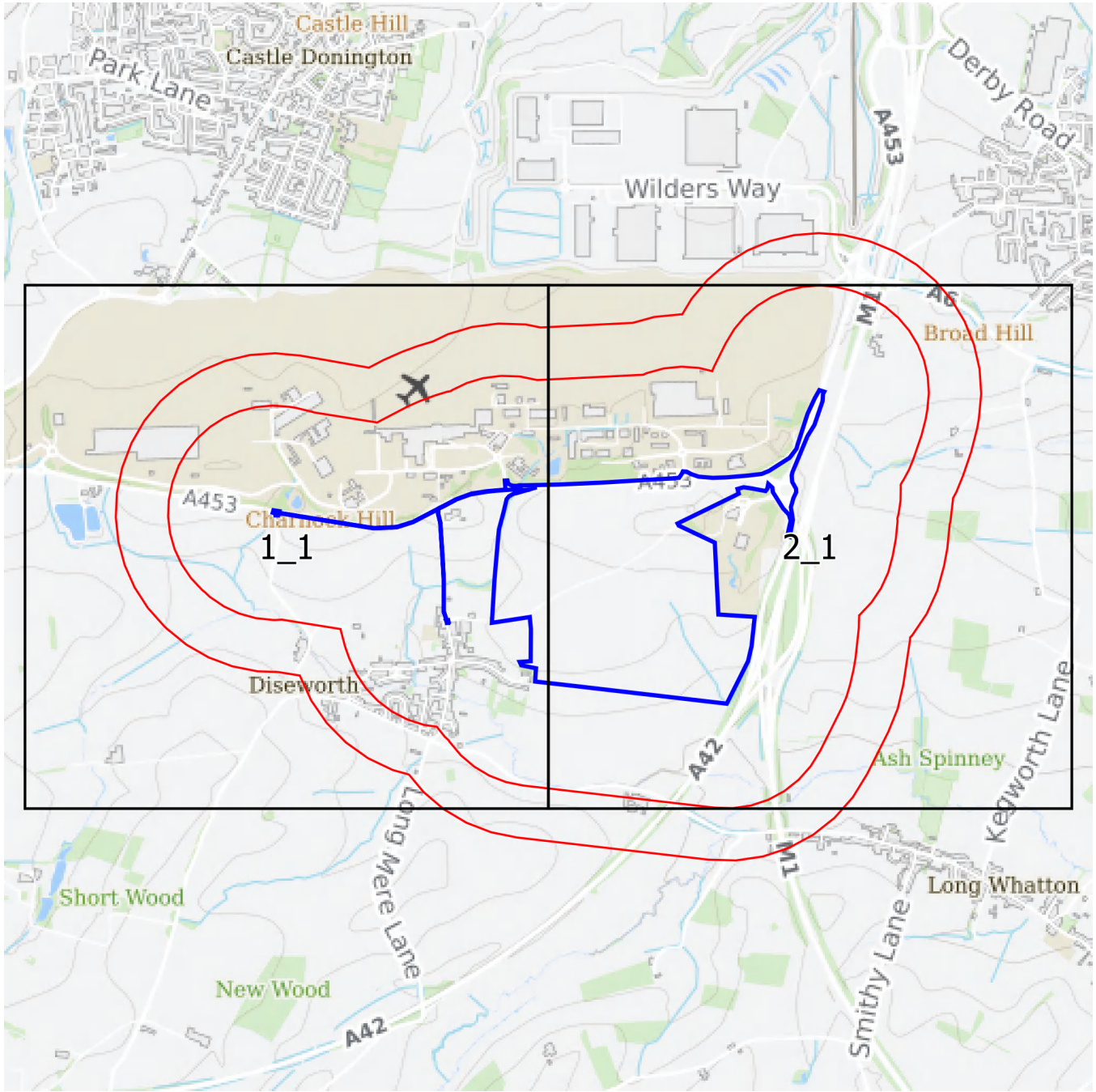
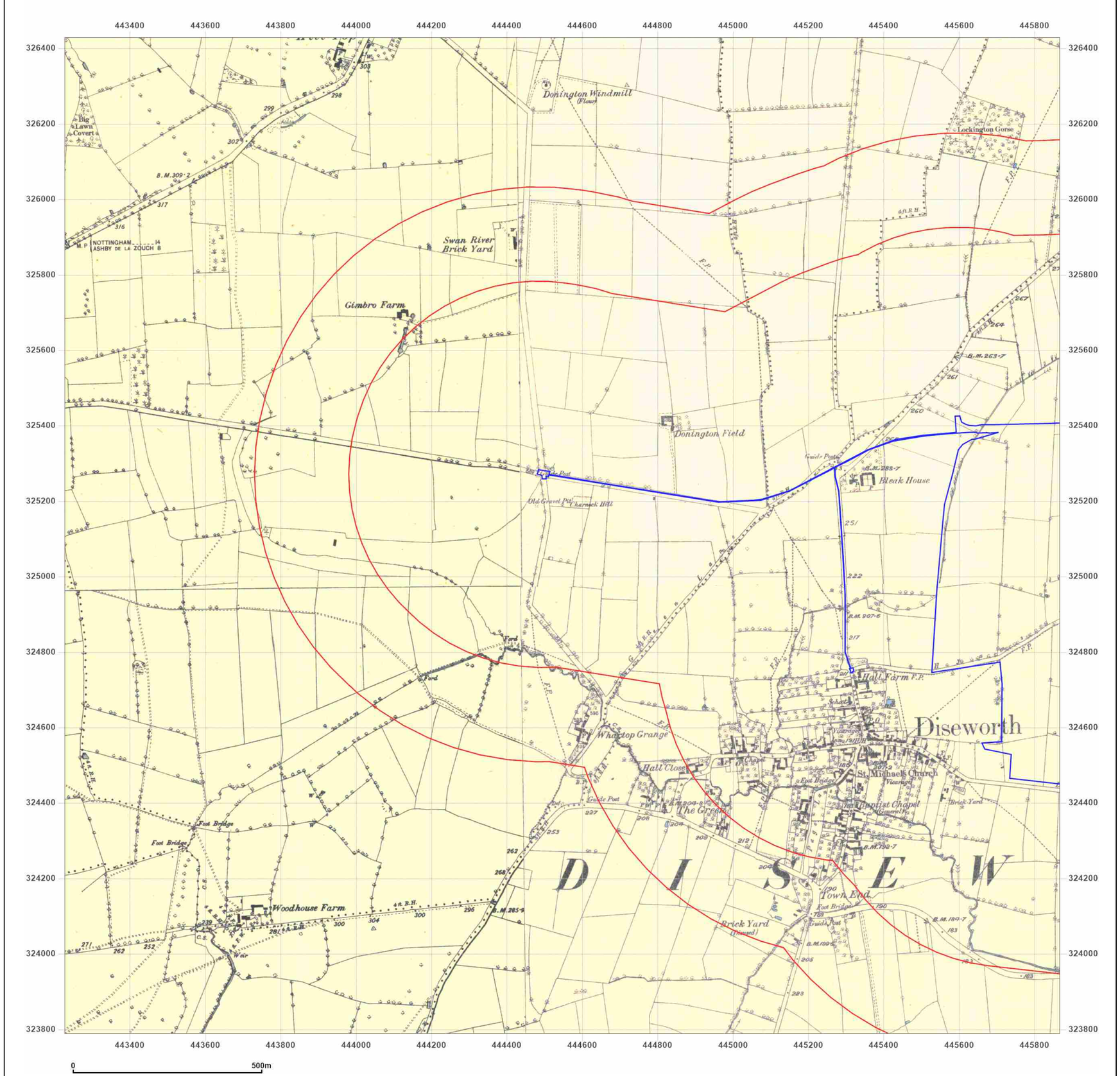
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Small Scale Grid Index



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1882-1883**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1882
Revised 1882
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1882
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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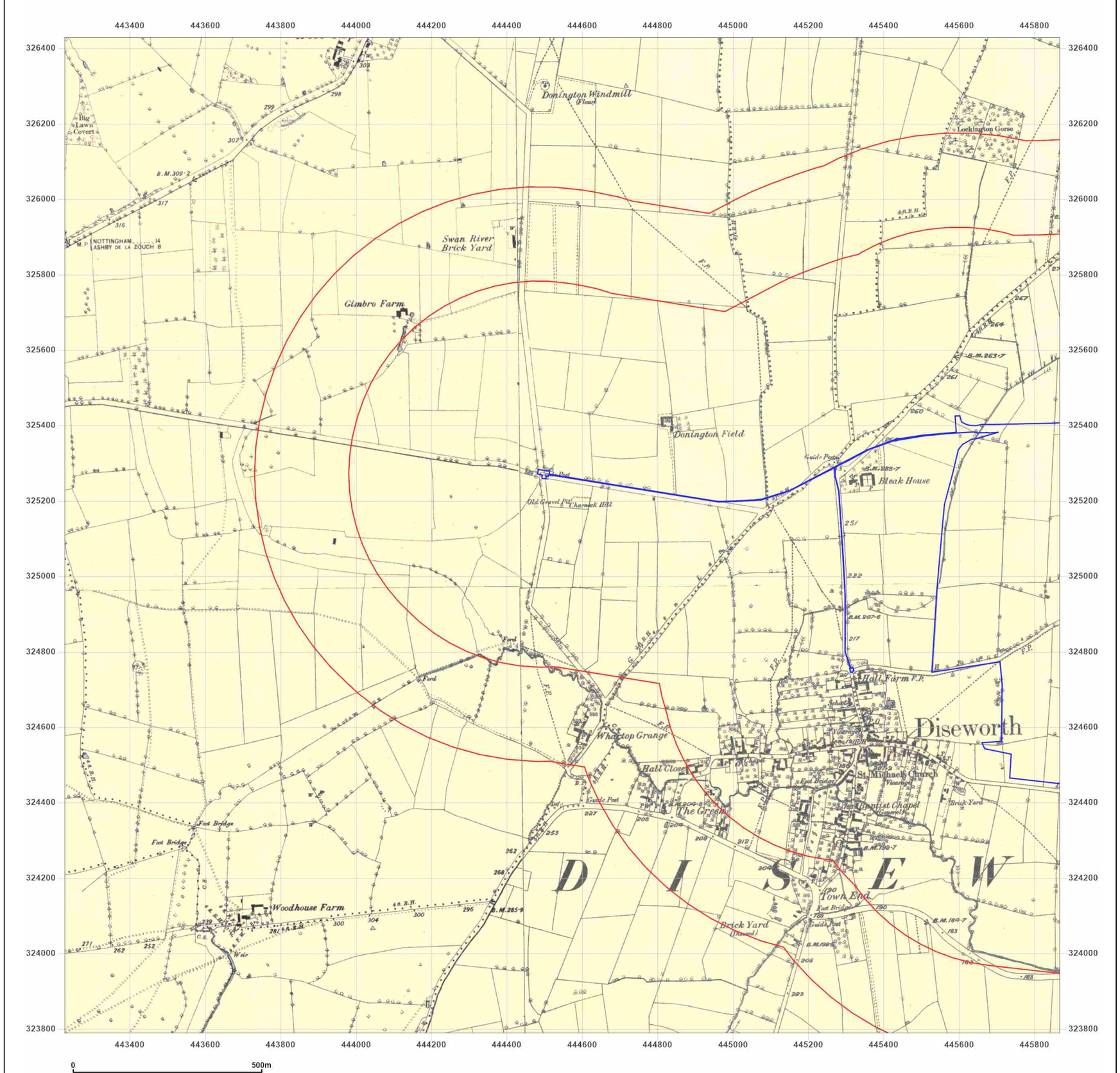
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1882-1883**

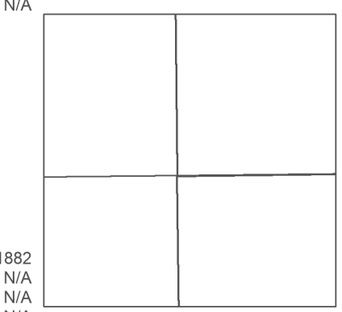
Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1882
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1883
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1882
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1883
Edition N/A
Copyright N/A
Levelled N/A

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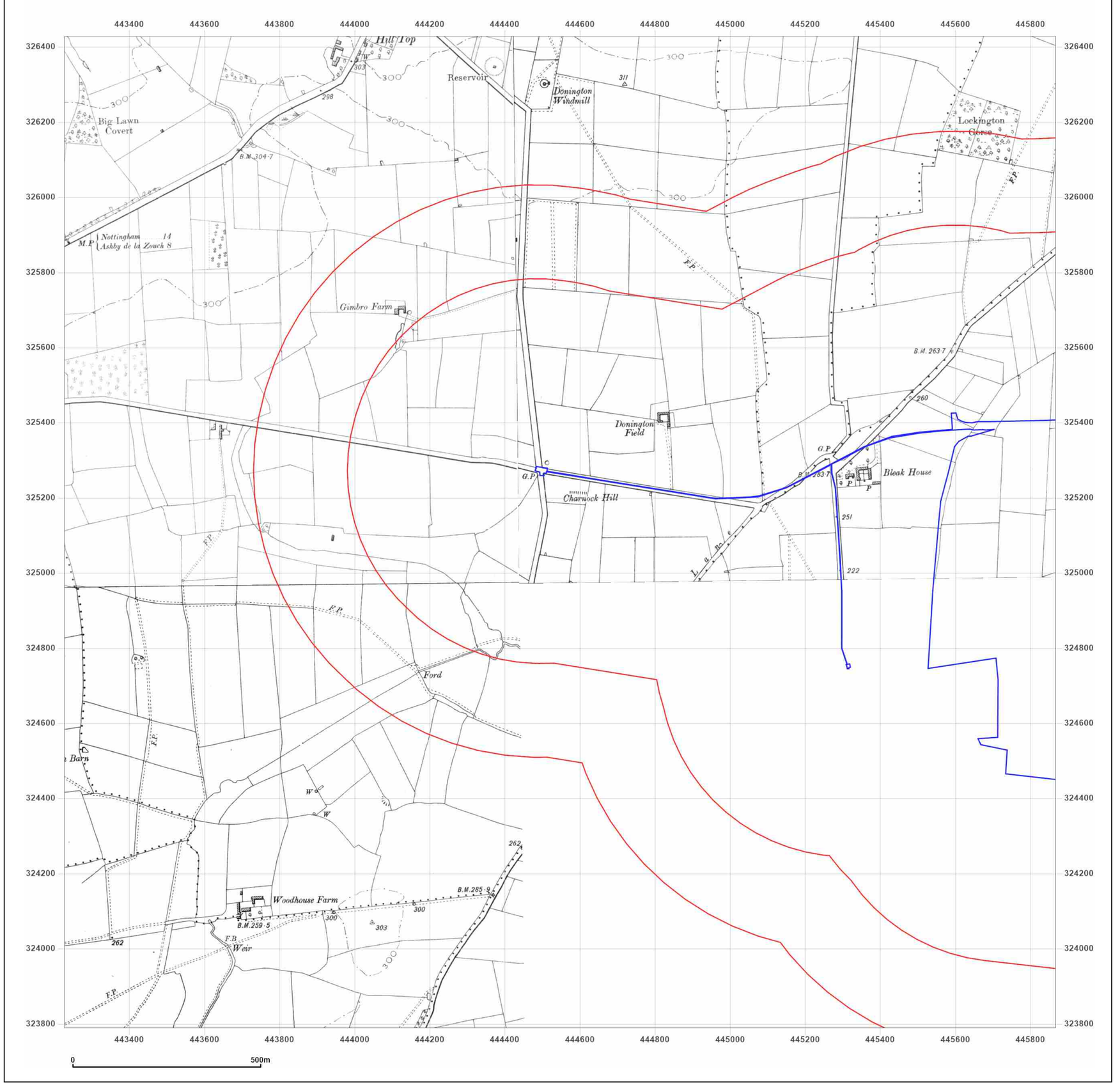
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1899-1901**

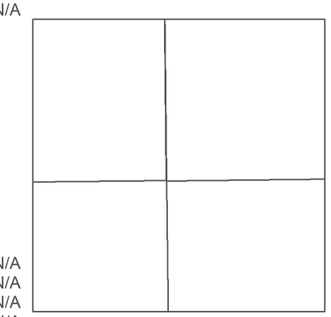
Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1882
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1901
Edition N/A
Copyright N/A
Levelled N/A



Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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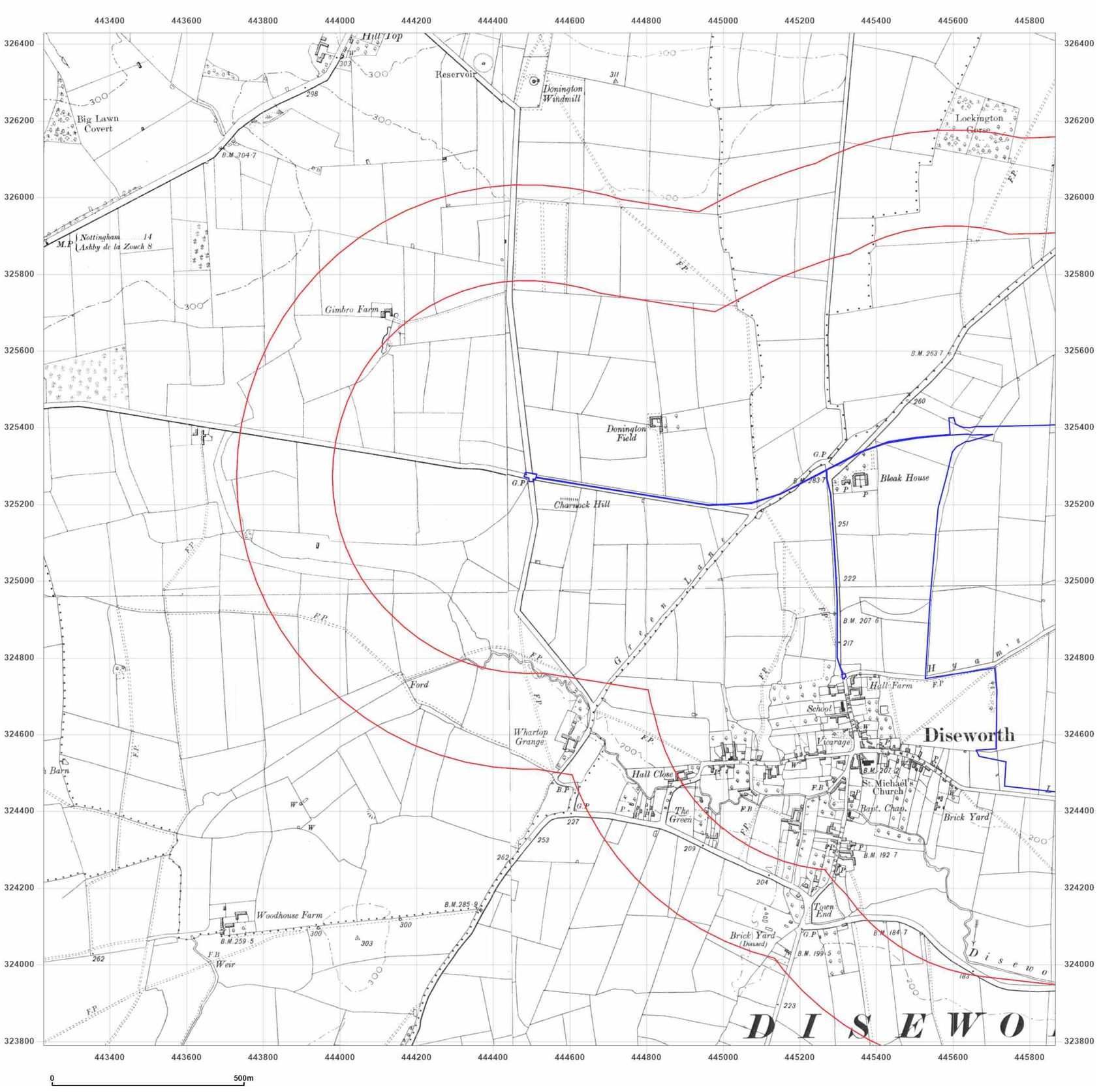
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1899-1904**

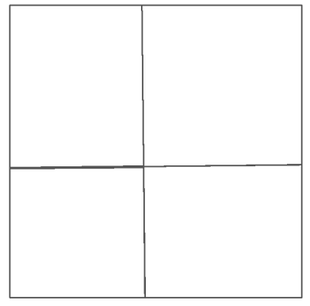
Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1881
Revised 1901
Edition 1904
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1901
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1881
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1903
Edition N/A
Copyright N/A
Levelled N/A

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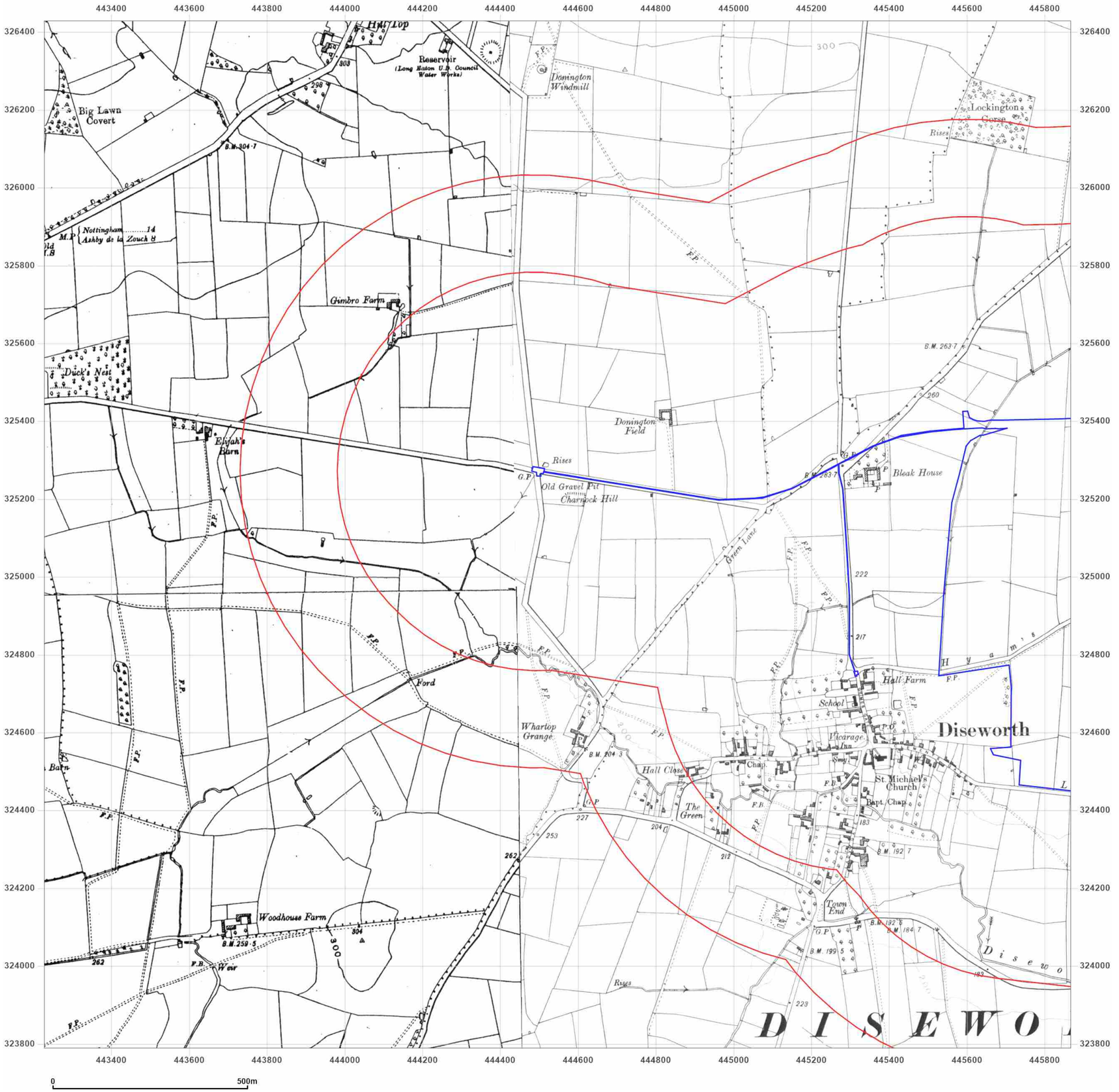
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1919-1922**

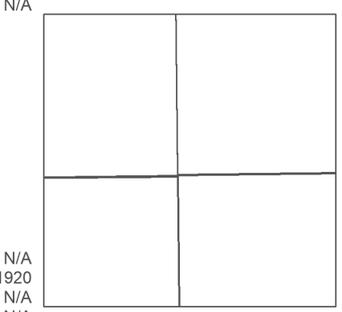
Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed N/A
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1922
Edition N/A
Copyright N/A
Levelled N/A



Surveyed N/A
Revised 1920
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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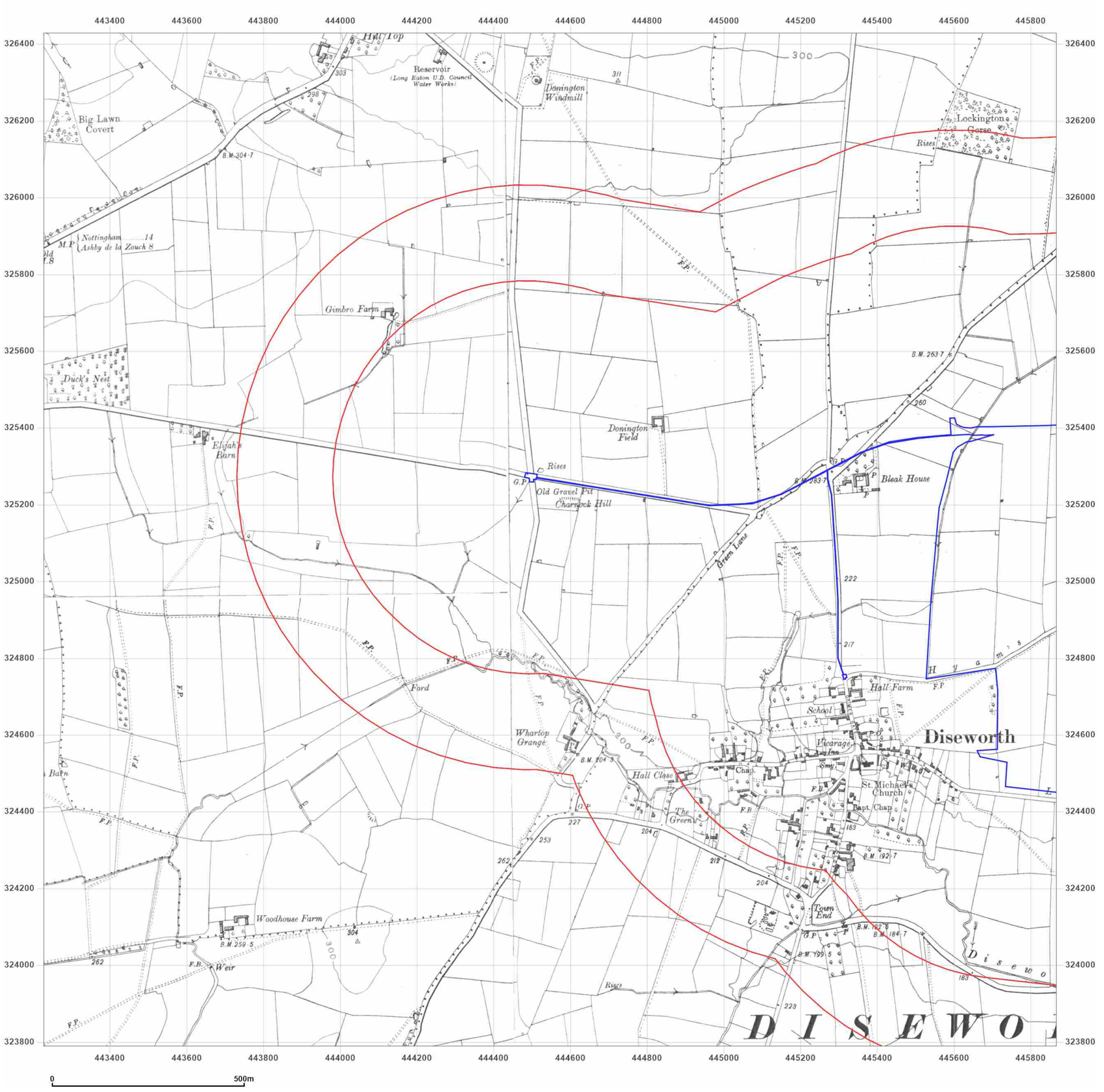
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

Map date: **1922-1924**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1881
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1922
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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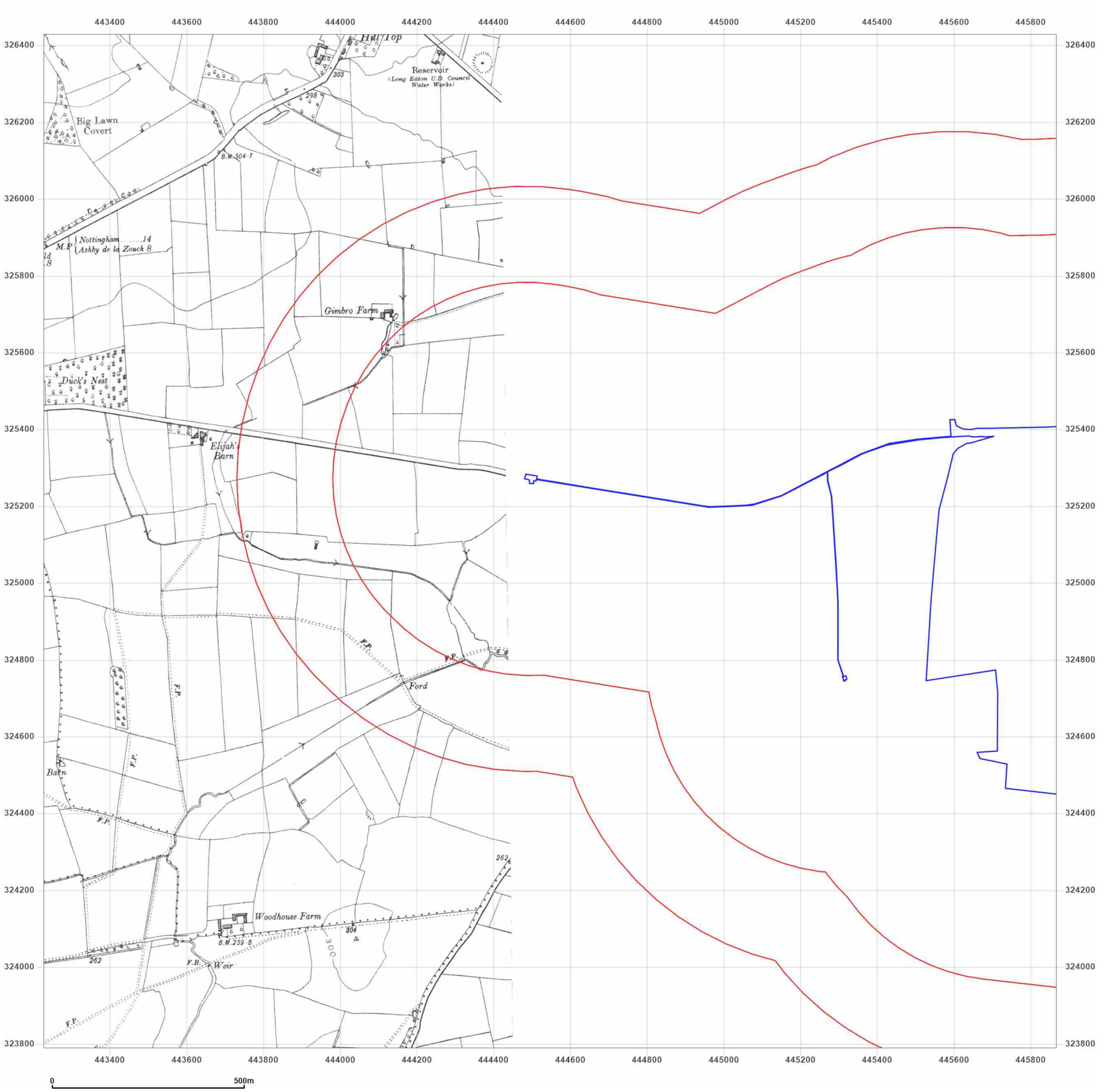
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: County Series

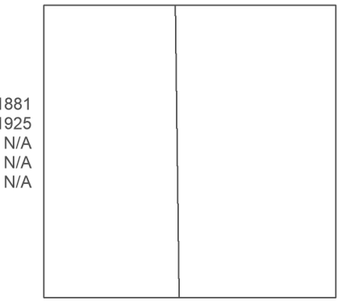
Map date: **1925**

Scale: 1:10,560

Printed at: 1:10,560

N
W E
S

Surveyed 1881
Revised 1925
Edition N/A
Copyright N/A
Levelled N/A



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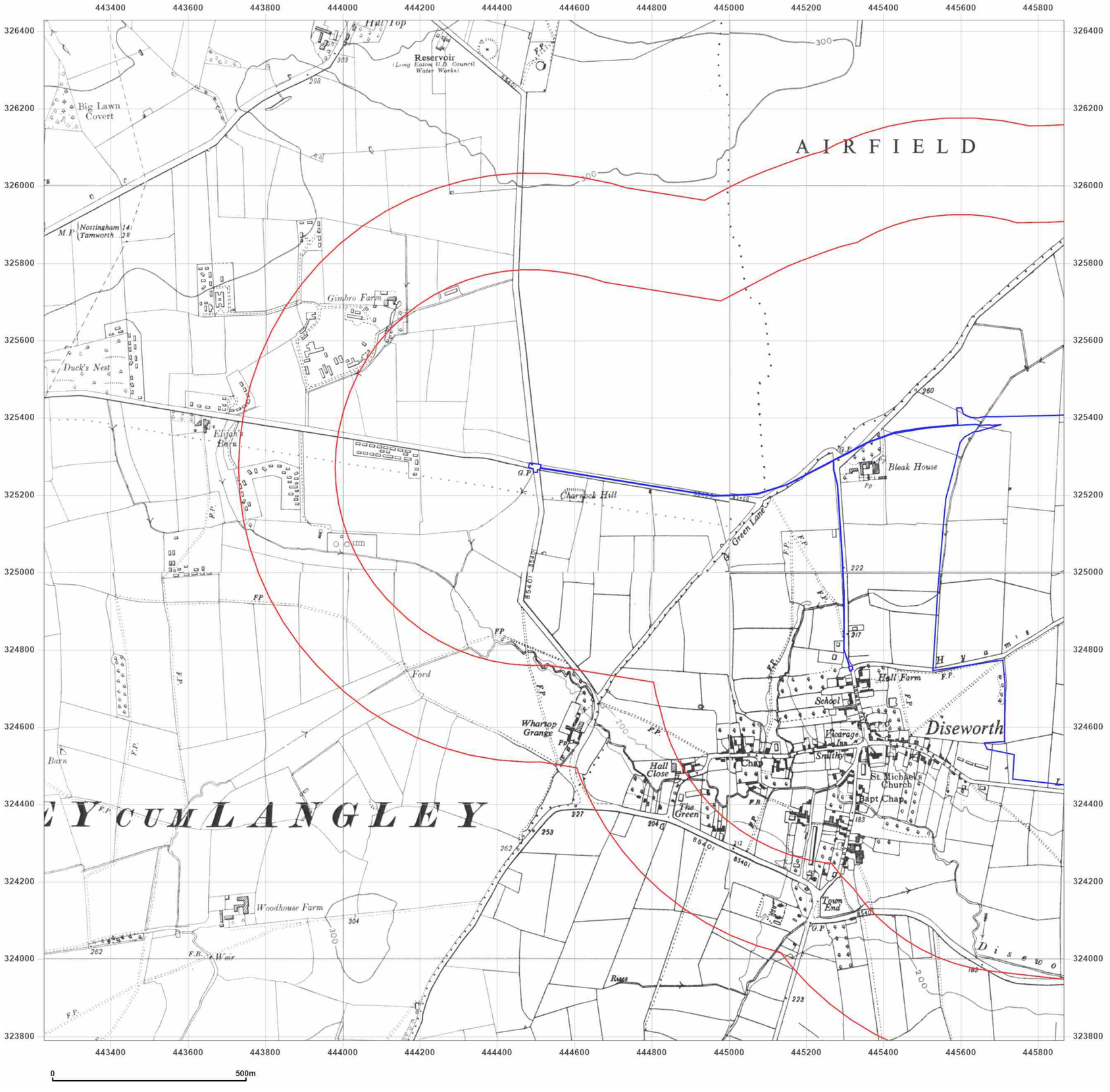
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: Provisional
Map date: **1950-1955**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

Surveyed N/A
Revised 1954
Edition N/A
Copyright 1955
Levelled N/A

Surveyed N/A
Revised 1954
Edition 1955
Copyright N/A
Levelled N/A

Surveyed 1950
Revised 1950
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1954
Edition 1955
Copyright N/A
Levelled N/A

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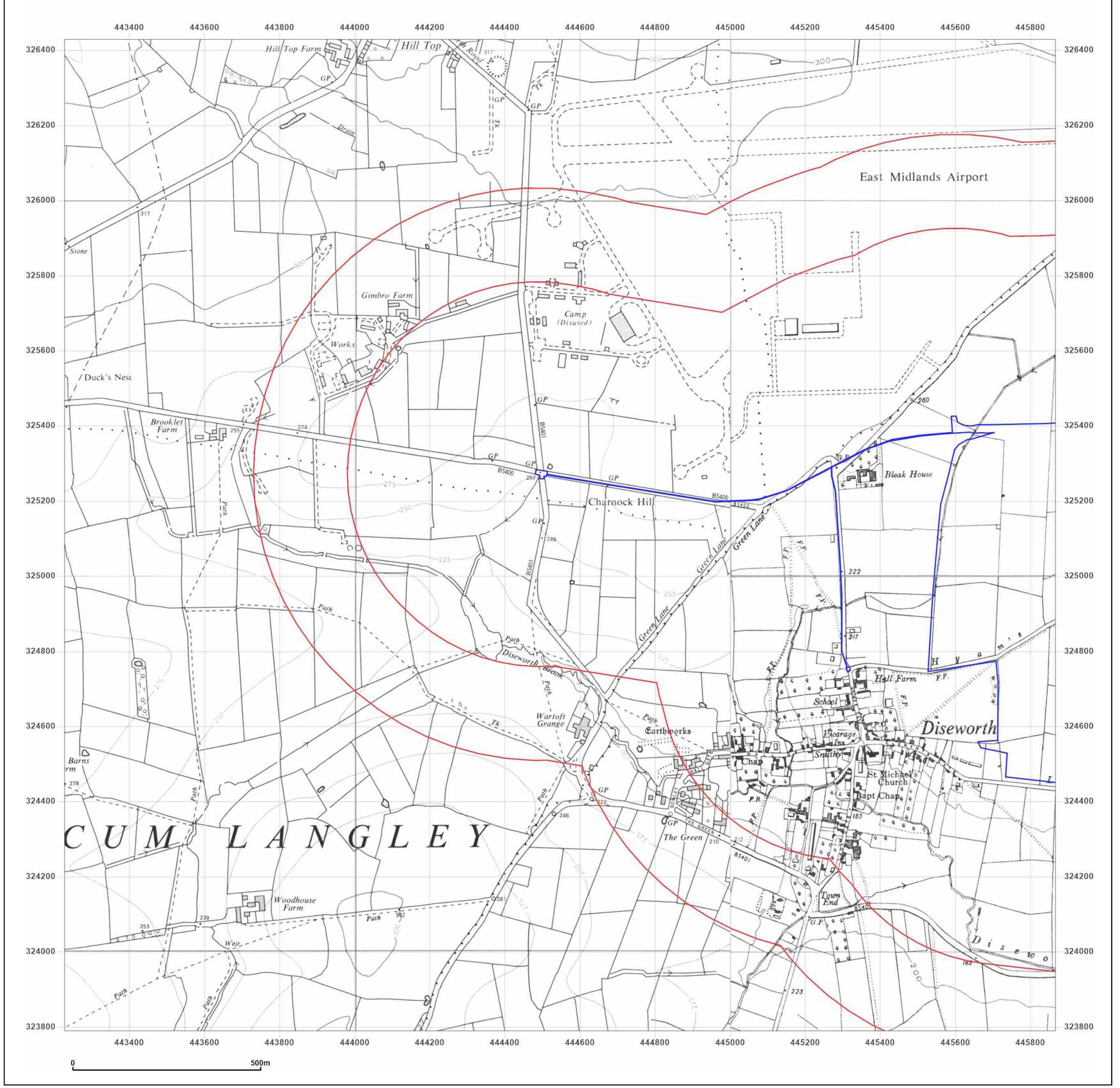
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: Provisional
Map date: **1966-1967**
Scale: 1:10,560
Printed at: 1:10,560

N
W E
S

Surveyed 1967
Revised 1967
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1950
Revised 1965
Edition 1955
Copyright 1966
Levelled N/A

Surveyed 1967
Revised 1967
Edition N/A
Copyright N/A
Levelled N/A

Surveyed N/A
Revised 1966
Edition 1955
Copyright N/A
Levelled N/A

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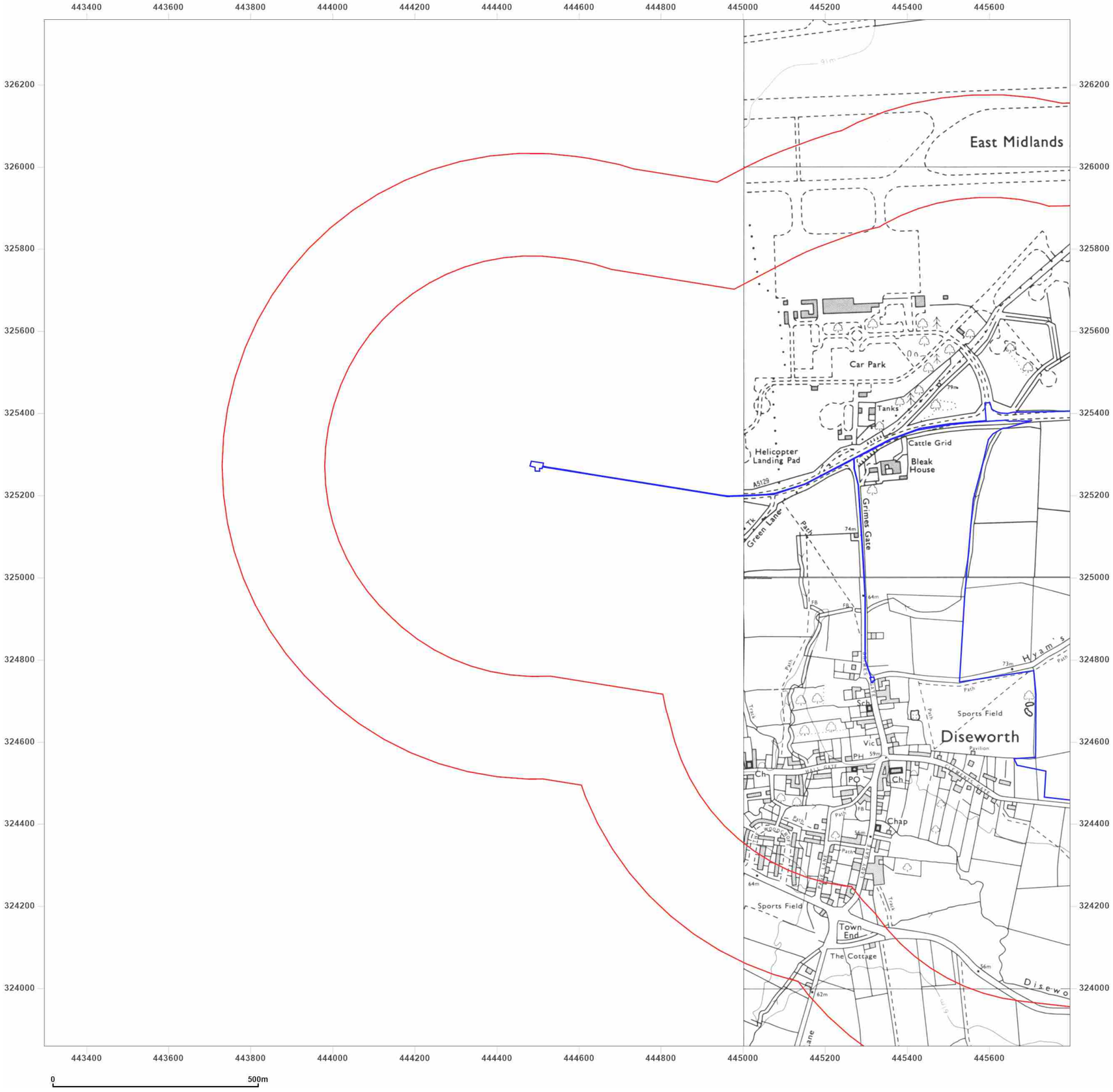
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

Map date: **1971-1975**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1971
Revised 1971
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1969
Revised 1975
Edition N/A
Copyright 1975
Levelled N/A

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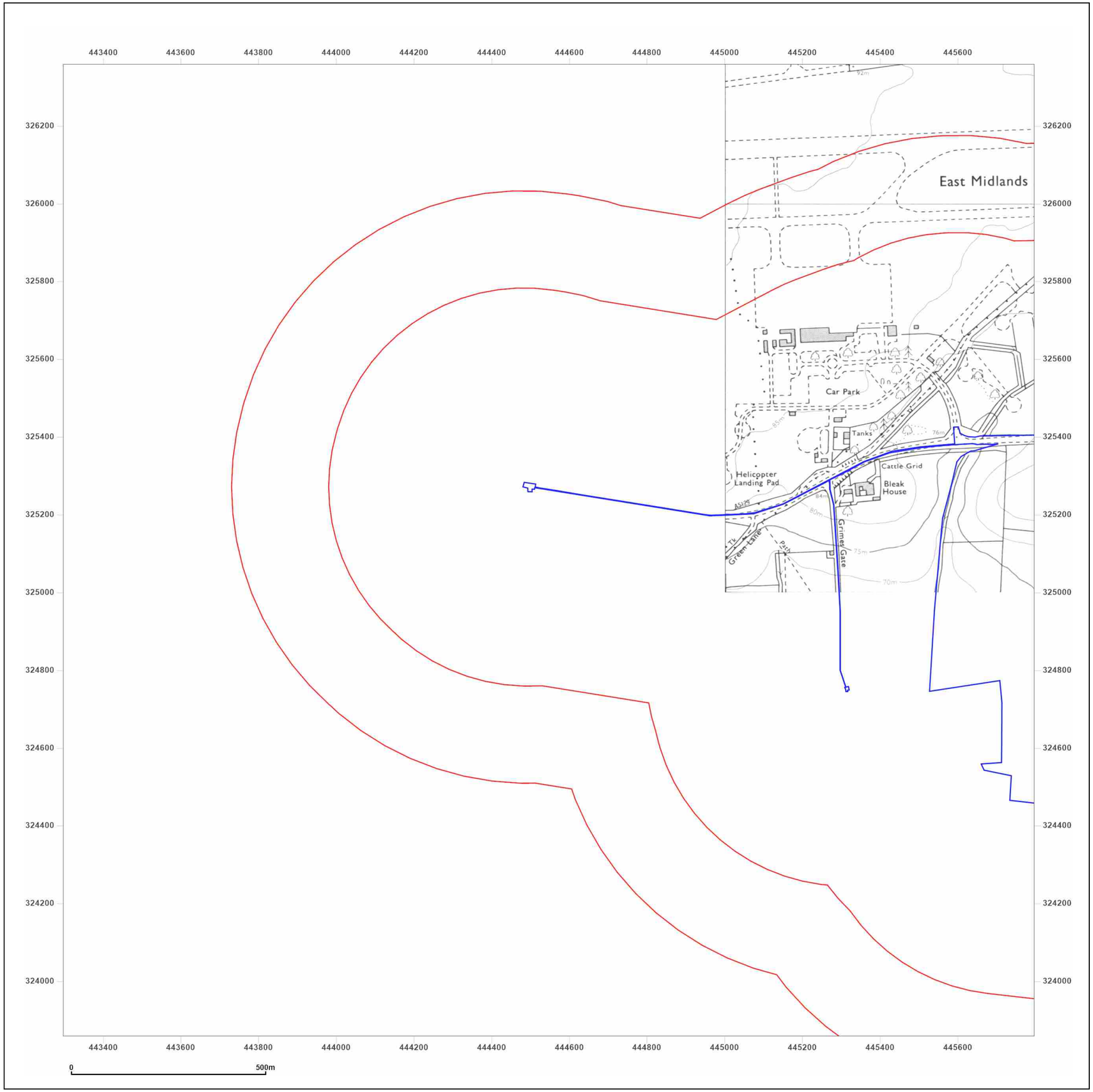
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

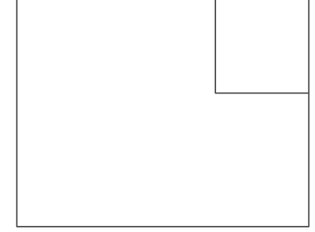
Map date: **1978**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1971
Revised 1978
Edition N/A
Copyright 1972
Levelled 1975



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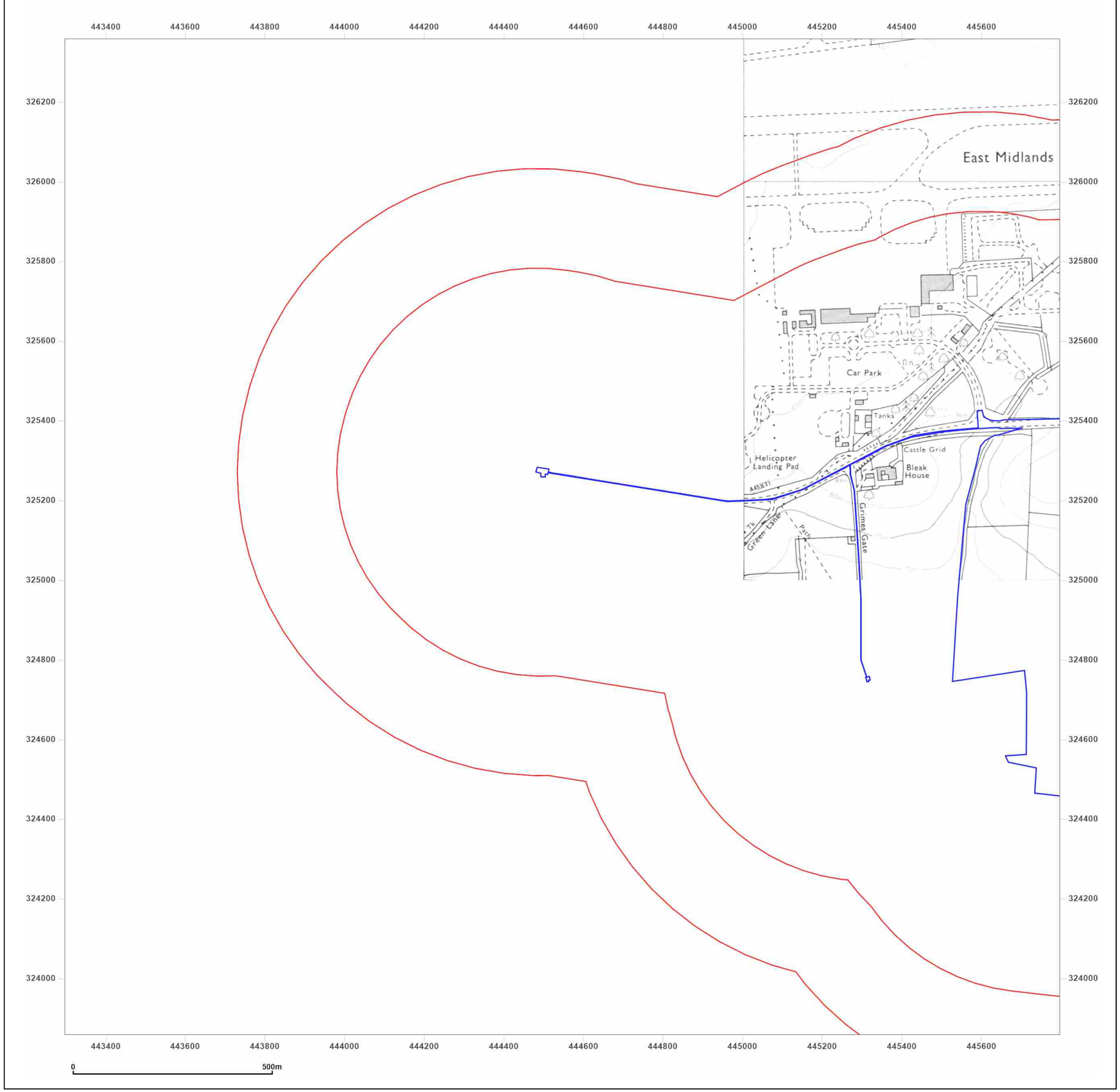
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

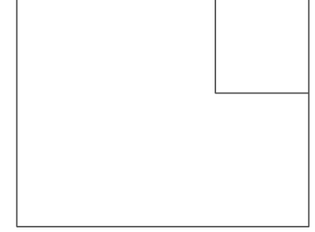
Map date: **1982**

Scale: 1:10,000

Printed at: 1:10,000

N
W E
S

Surveyed 1971
Revised 1982
Edition N/A
Copyright N/A
Levelled N/A



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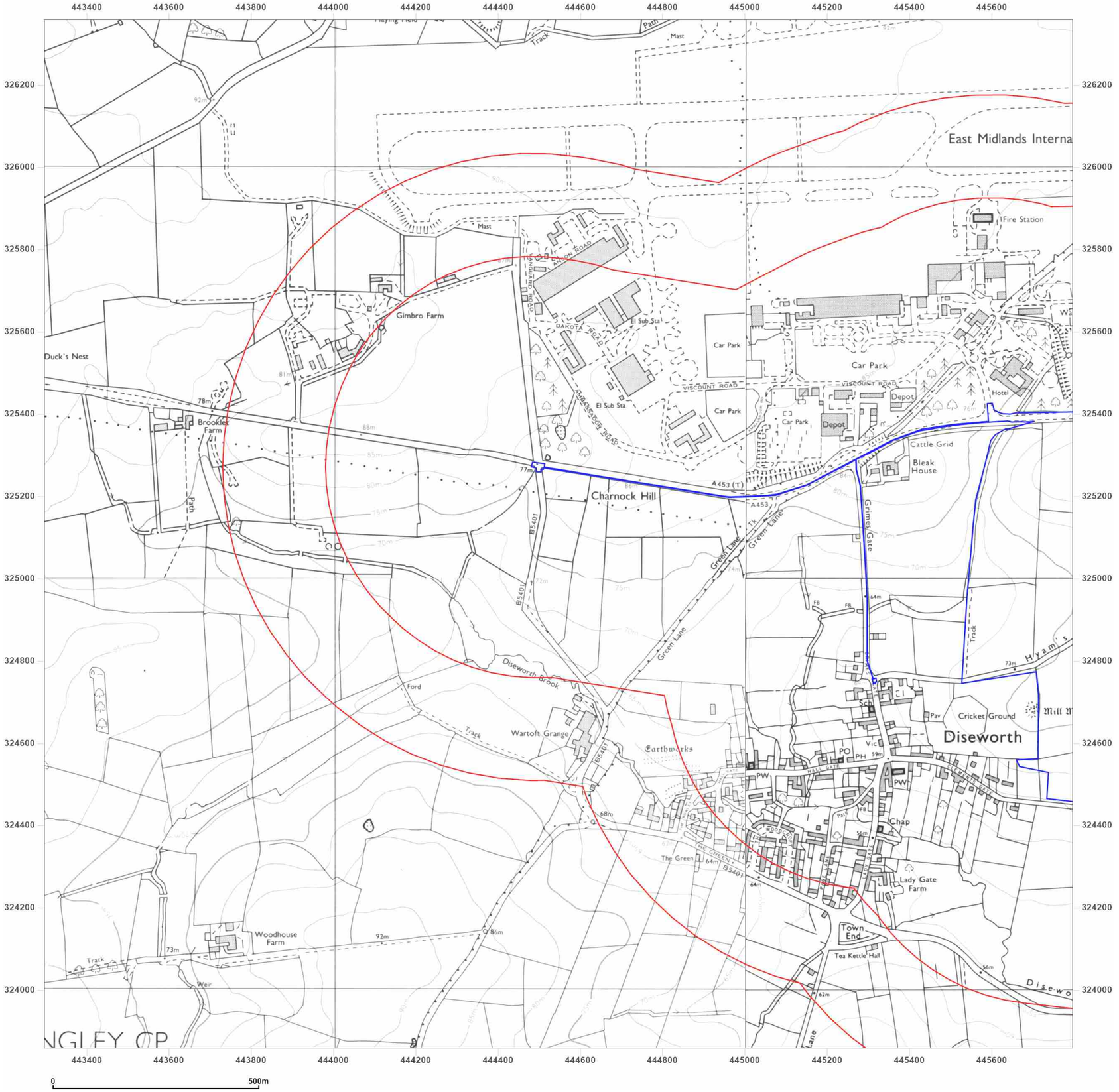
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

Map date: **1988-1993**

Scale: 1:10,000

Printed at: 1:10,000

N
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Surveyed 1980
Revised 1988
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1991
Revised 1992
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1961
Revised 1992
Edition N/A
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Surveyed 1969
Revised 1993
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Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

Map date: **2001**

Scale: 1:10,000

Printed at: 1:10,000

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2001

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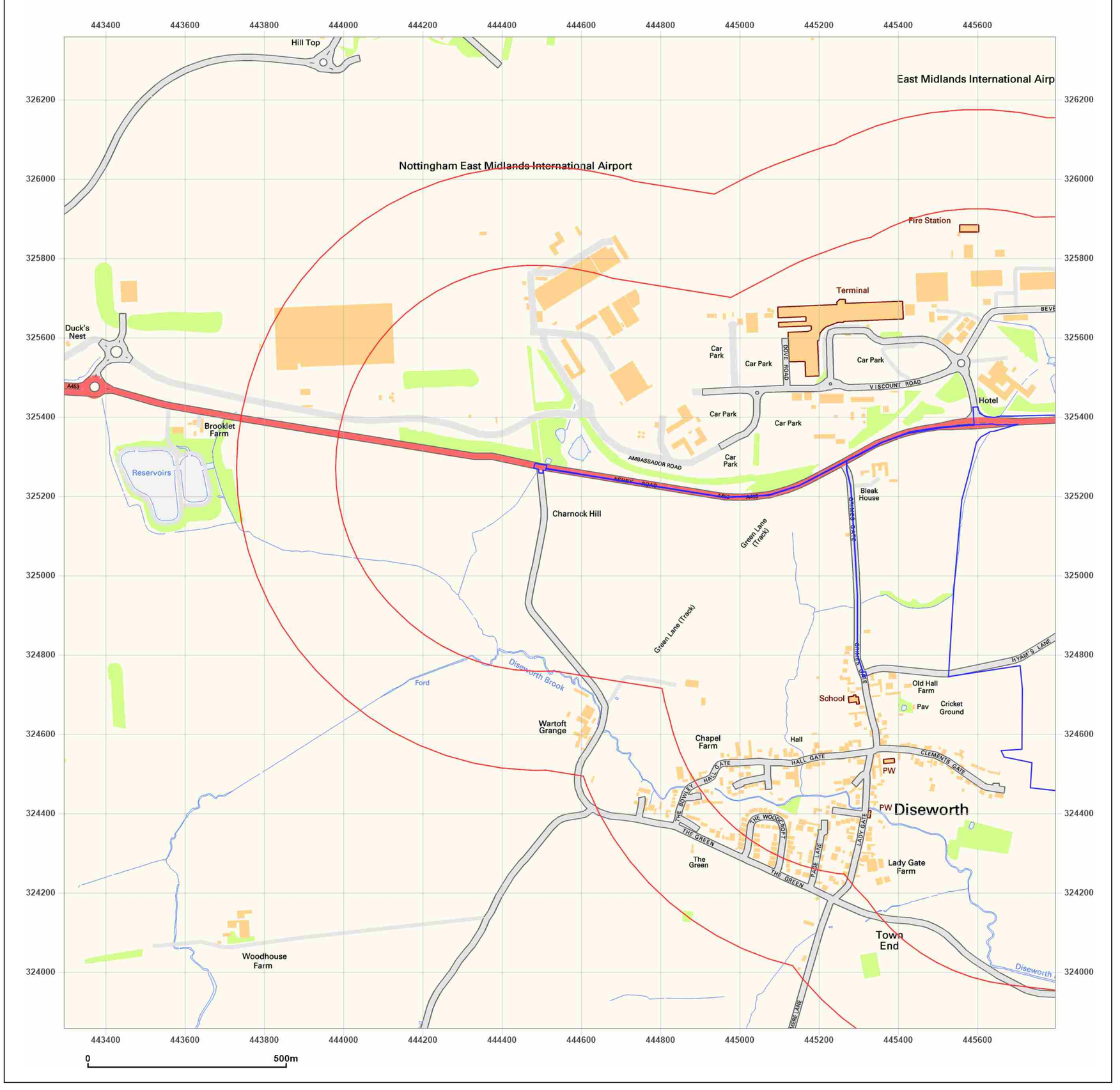
Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

Map date: **2010**

Scale: 1:10,000

Printed at: 1:10,000

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2010

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Production date: 13 December 2024

Map legend available at: [redacted]

Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_1_1
Grid Ref: 444546, 325108

Map Name: National Grid

Map date: **2024**

Scale: 1:10,000

Printed at: 1:10,000

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2024

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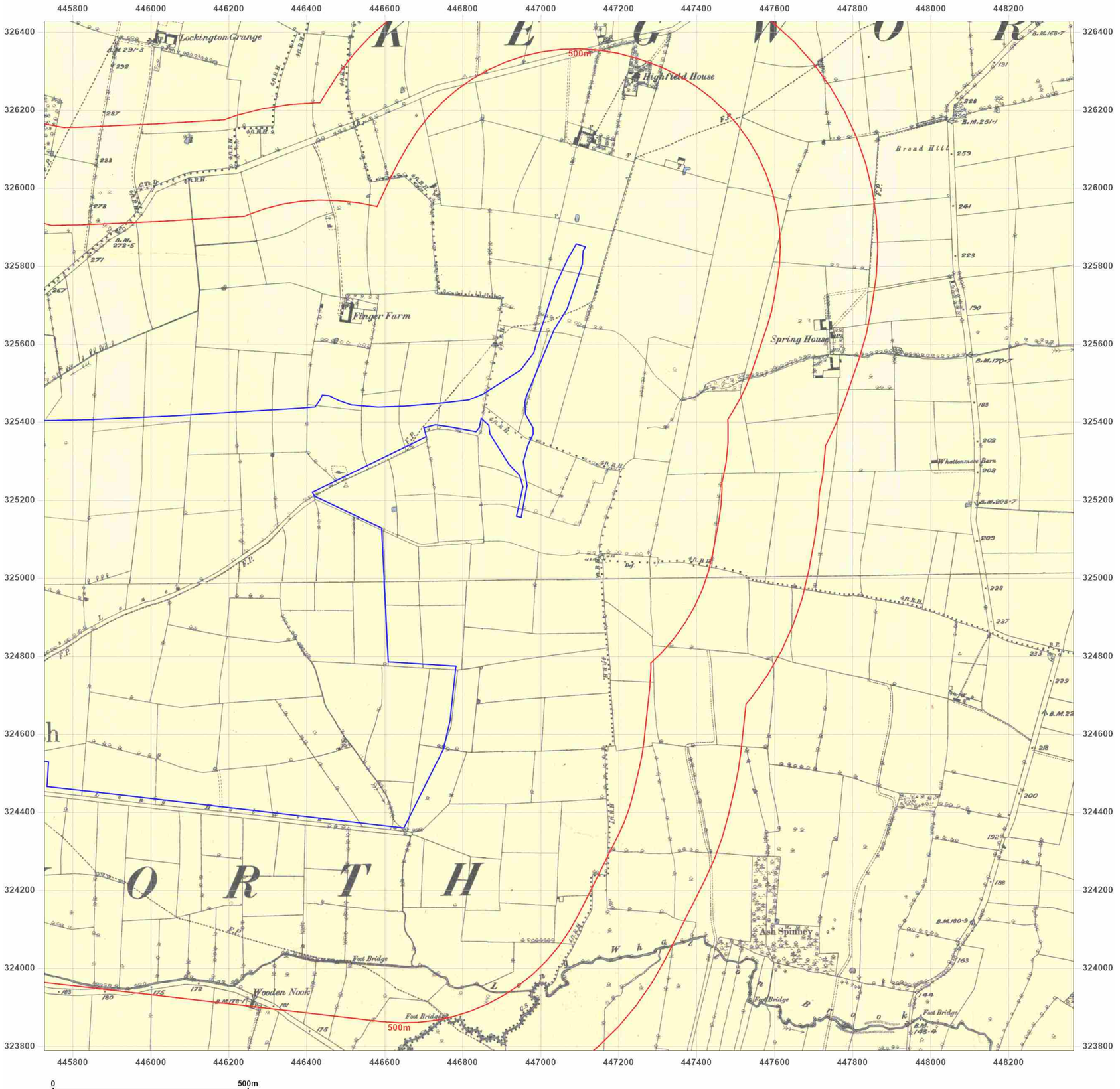
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_2_1
Grid Ref: 447046, 325108

Map Name: County Series

Map date: **1883**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1883
Revised 1883
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1883
Edition N/A
Copyright N/A
Levelled N/A

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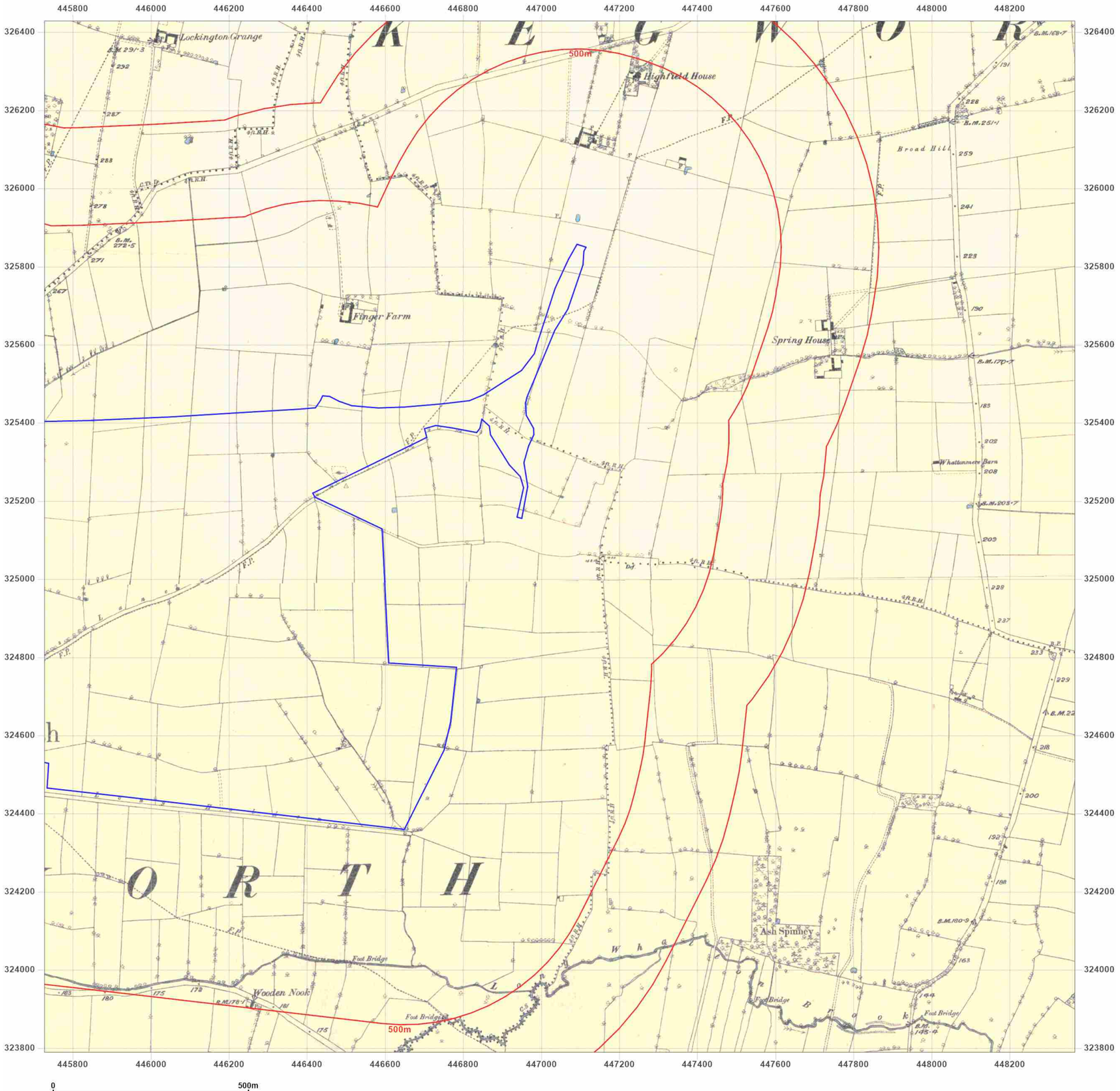
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_2_1
Grid Ref: 447046, 325108

Map Name: County Series

Map date: **1883**

Scale: 1:10,560

Printed at: 1:10,560

N
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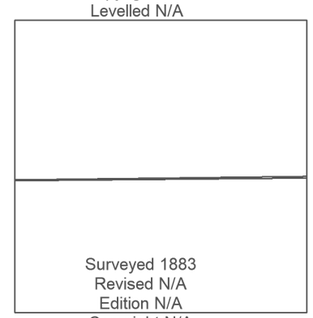
S

Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1883
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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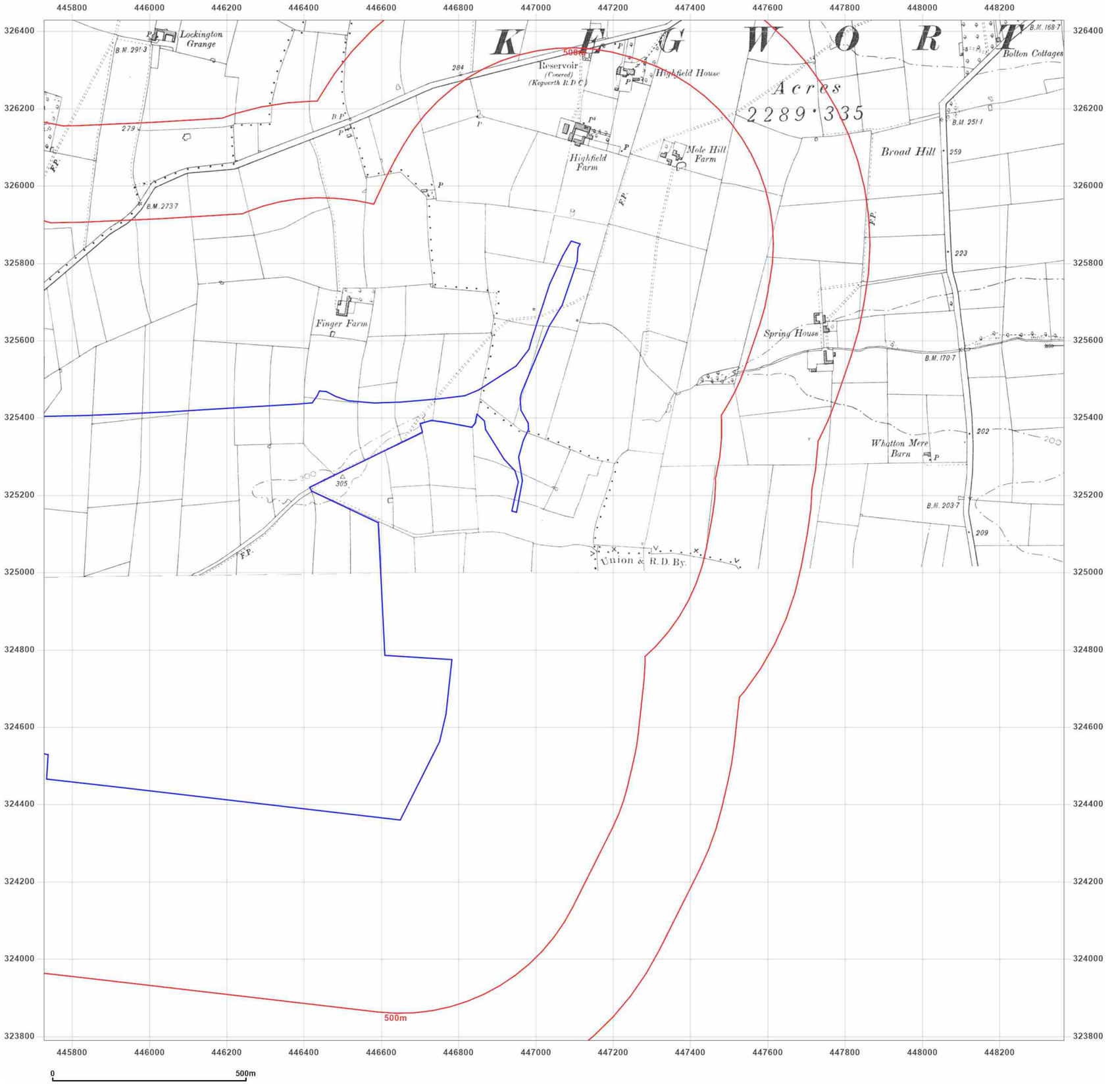
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_2_1
Grid Ref: 447046, 325108

Map Name: County Series

Map date: **1901**

Scale: 1:10,560

Printed at: 1:10,560

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Surveyed 1883
Revised 1901
Edition N/A
Copyright N/A
Levelled N/A

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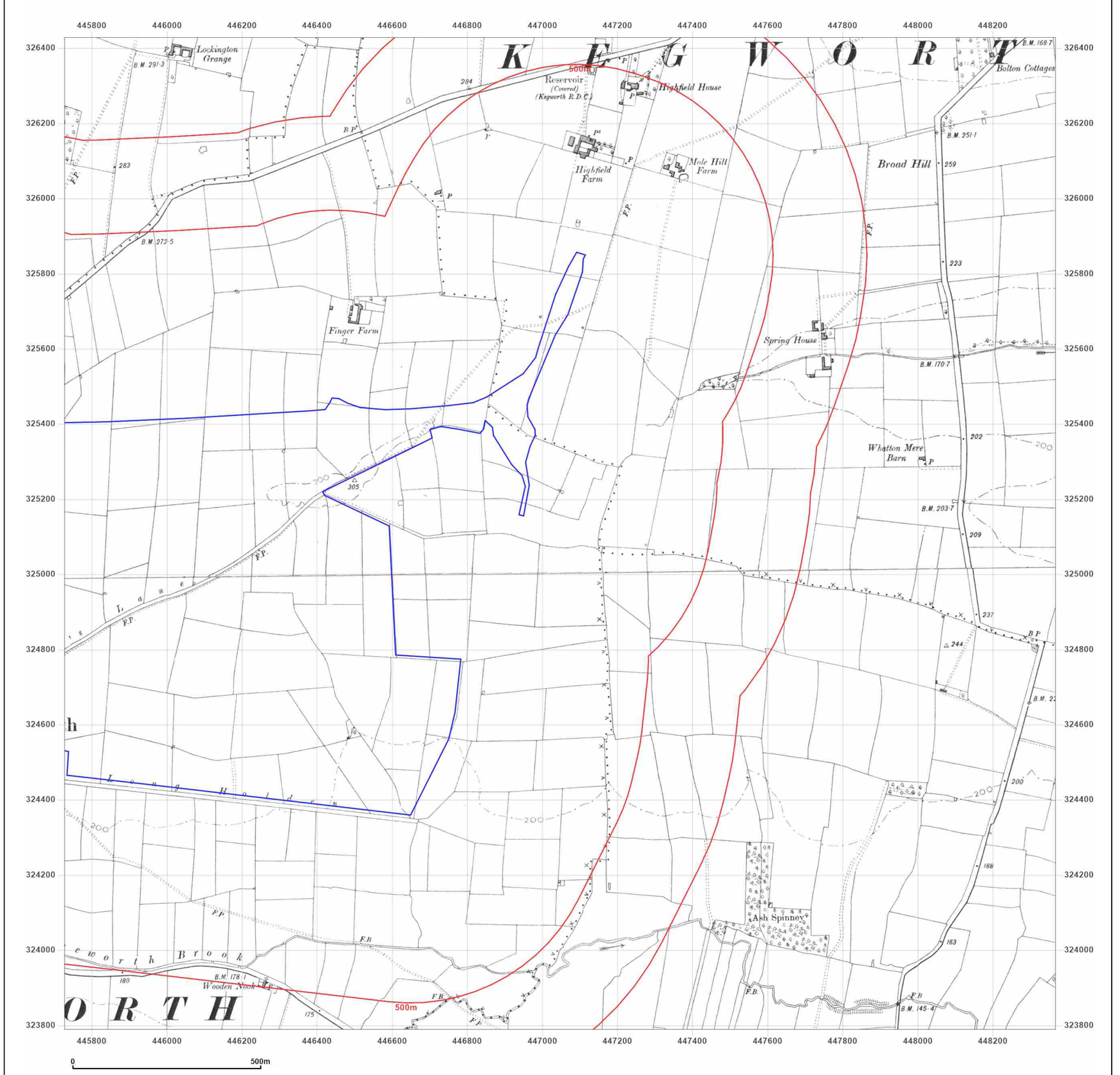
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_2_1
Grid Ref: 447046, 325108

Map Name: County Series

Map date: **1901-1903**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1882
Revised 1901
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1903
Edition N/A
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Levelled N/A

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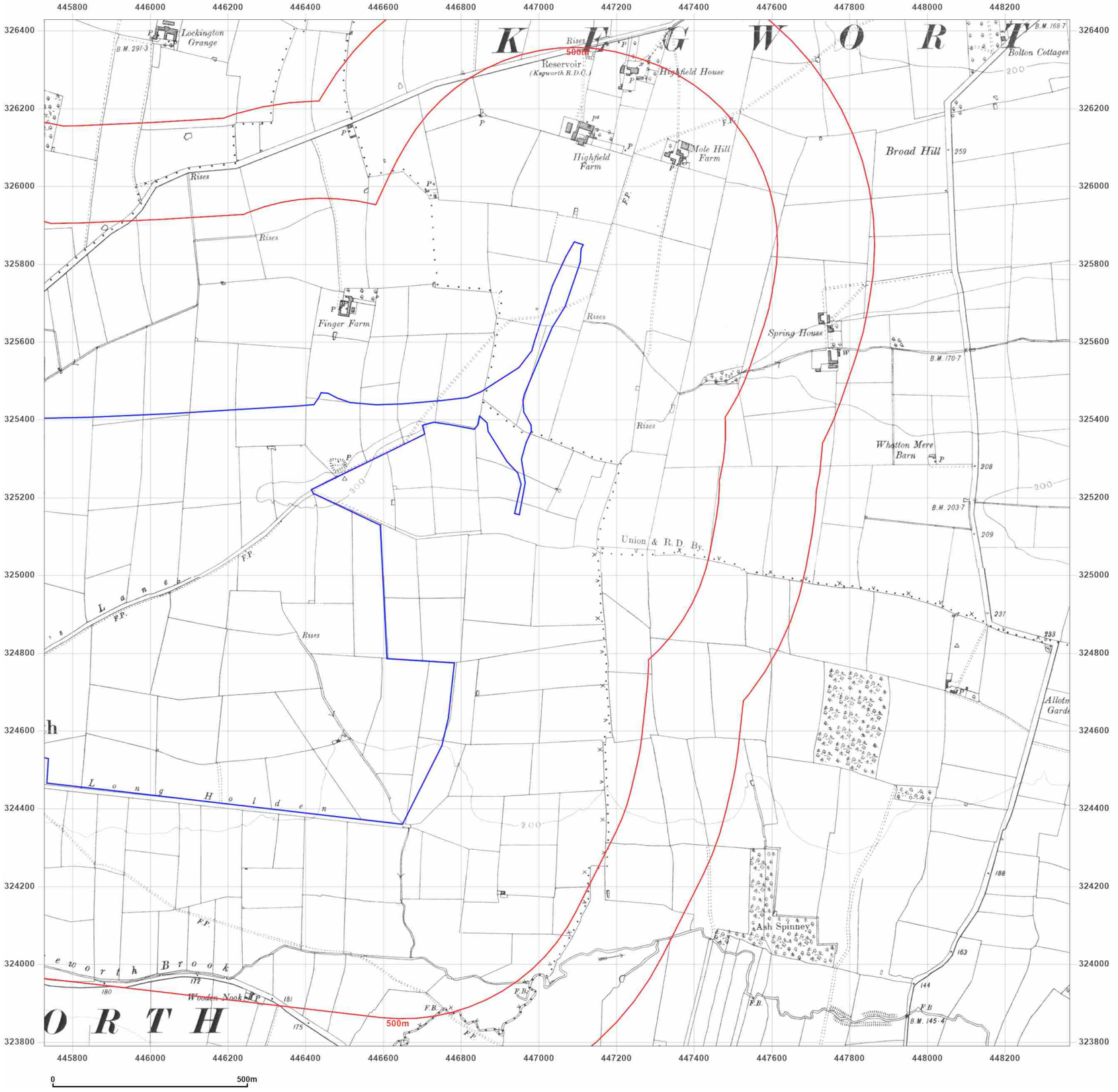
Production date: 13 December 2024

Map legend available at: [redacted]



Groundsure INSIGHTS

Site Details:

East Midland Gateway, A453
(LCC Land)

Client Ref: 220500 - 10260
Report Ref: GS-AAQ-LPV-BXJ-I3W_SS_2_1
Grid Ref: 447046, 325108

Map Name: County Series

Map date: **1919-1922**

Scale: 1:10,560

Printed at: 1:10,560

N
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Surveyed 1882
Revised 1922
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1882
Revised 1919
Edition N/A
Copyright N/A
Levelled N/A

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Map legend available at: [redacted]