Lime Down
Solar Park

# Environmental Statement

## Volume 3, Appendix 19-4: Lime Down D Desk Study (Clean)

**June 2026**

**Revision 3**

**Planning Inspectorate Reference: EN010168**

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## Schedule of Changes

| Revision | Section Reference | Description of Changes | Reason for Revision |
|---|---|---|---|
| 2 | Table 4 | Updates to Table 4 in relation to hydrogeology. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Table 4 | Updates to Table 4 in relation to hydrology. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.2.16 | Updates to Paragraph 1.2.16 in relation to the Site walkover. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.3.3 | Updates to Paragraph 1.3.3 in relation to the conceptual site model. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Table 6 | Updates in relation to Table 6 in relation to potential sources, pathways and receptors. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.3.11 | Updates to Paragraph 1.3.11 in relation to temporary works. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.4.8 | Updates to Paragraph 1.4.8 in relation to hydrogeology. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.4.11 | Updates to Paragraph 1.4.11 in relation to preliminary risk assessment conclusions. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| | Paragraph 1.4.12 | Updates to Paragraph 1.4.12 in relation to preliminary geotechnical considerations. | Updates in response to EA Relevant Representation for Deadline 1 of Examination. |
| 3 | Paragraph 1.3.13 | Differentiating between foundation depth for BESS vs. substation. | Updates in response to EA Comments provided at Deadline 2 of Examination. |
| | Paragraph 1.3.12, 1.3.13, 1.4.11 and 1.4.12 | Correcting reference to Preliminary Geotechnical Risk Registers. | Updates in response to EA Comments provided at Deadline 2 of Examination. |
| | Table 4 | Clarification provided around site walkover dates. | Updates in response to EA Comments provided at Deadline 2 of Examination. |

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# Appendix 19-4: Lime Down D, Phase 1 Desk Study, Conceptual Site Model and Preliminary Risk Assessment

## 1.1 Introduction

1.1.1 Geosyntec Consultants Limited (Geosyntec) was commissioned by the Applicant prepare the Ground Conditions chapter of the Environmental Statement (ES) for the Scheme. The PV and BESS infrastructure would be located across five land parcels (Lime Down A–E), collectively known as the Solar PV Sites. **Appendix 19-16: Preliminary Risk Assessment Approach and Methodology [EN010168/APP/6.3]** presents the Phase 1 desk study information to allow the development of the initial Conceptual Site Model (CSM) and Preliminary Risk Assessment (PRA) to inform the baseline for **ES Volume 1, Chapter 19: Ground Conditions [EN010168/APP/6.1]** for Solar PV Site Lime Down A (the Site).

### Sources of Information

1.1.2 This report has been prepared using a combination of published records (e.g. British Geological Survey (BGS), Environment Agency, Defra) and information provided by the Applicant. These include statutory records and historical mapping supplied within a Groundsure Report, published geological and hydrogeological mapping and historical borehole records. Delta-Simons Desk Study (Reference 93799.580479) has also been referred to for information on the site walkover, although the site boundaries have been updated since this study took place.

1.1.3 Specific information sources are referenced throughout the document and are summarised in **Table 1** below.

**Table 1: Sources of Information**

| Information | Source Reference | Date Obtained/ Accessed |
|---|---|---|
| Environmental data and historical maps | Groundsure Report<br>Geosyntec Reference 610027326<br>Groundsure Reference GSYN-UYW-18N-S96-UW7 | 08/10/2024 |
| Geological plans | BGS GeoIndex ([redacted]<br>BGS Sheet 251 Malmesbury<br>BGS Seet ST98SW<br>BGS Sheet ST88SE | 14/10/2024 |
| Aerial images | Google Earth [redacted] | 14/10/2024 |
| Mining Resources | Coal Authority (The Coal Authority Map Viewer [redacted] | 14/10/2024 |

| Information | Source Reference | Date Obtained/ Accessed |
|---|---|---|
| Water Framework Directive | Environment Agency (environment.data.gov.uk) | 14/10/2024 |
| Surface Water Flood Risk | Flood map for planning (flood-map-for-planning.service.gov.uk) | 14/10/2024 |
| Groundwater flood risk | Long term flood risk (gov.uk) | 14/10/2024 |
| Aquifer Designation | Magic Map (defra.gov.uk) | 14/10/2024 |
| Topographic Maps | Topographic-Map [redacted] | 14/10/2024 |
| Unexploded Ordnance Risk | Zetica Quick Report [redacted] | 14/10/2024 |
| Radon Exposure Maps | UKRadon [redacted] | 14/10/2024 |
| Heritage Sites | Historic England [redacted] | 14/10/2024 |
| Footpaths/Bridleways | FootpathMap [redacted] | 14/10/2024 |
| Utilities | OpenInfra [redacted] | 14/10/2024 |
| Soil information | UK Soil Observatory The Soils of England and Wales \| UK Soil Observatory \| UK Research and Innovation | 14/10/2024 |
| Provisional Agricultural Land Classification | Natural England Provisional Agricultural Land Classification (ALC) (England) \| Natural England Open Data Geoportal [redacted] | 14/10/2024 |
| Railway Lines | Open Railway OpenRailwayMap | 14/10/2024 |

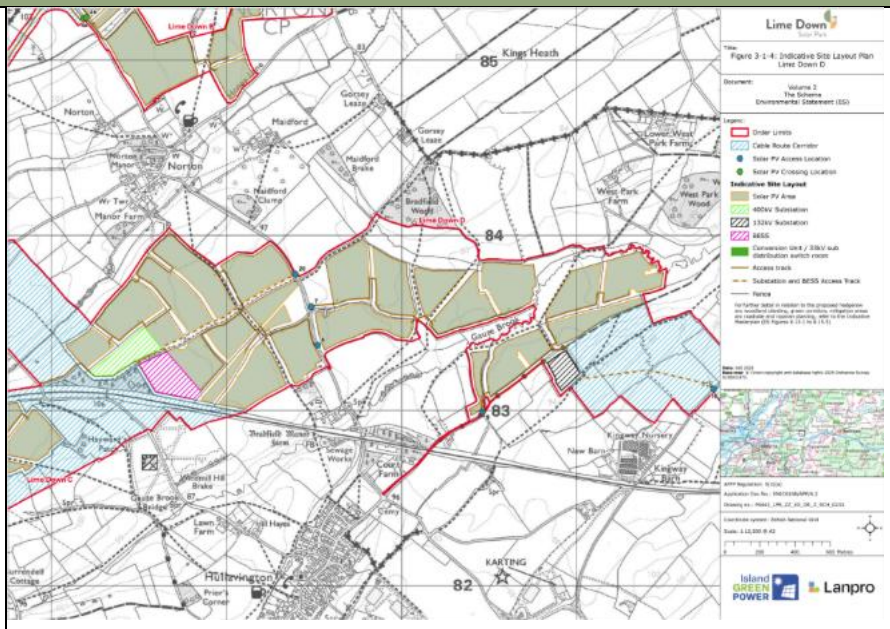
## 1.2 Site Context

### Site Location and Description

1.2.1 The Site location and description for Solar PV Site Lime Down D are included in **Table 2** below.

**Table 2: Site Location and Description**

| Site Location and Description | |
|---|---|
| **Site Location** | Land to the south of Norton and east of Corston. Closest post code SN14 6ET.<br><br>National Grid Reference (NGR): 89705 83780 |

| Site Location and Description | |
|---|---|
| |  |
| **Site Description** | The Site comprises a singular irregularly shaped land parcel north of the South Wales Main Line railway. The Site has an area of approximately 213 ha, with a road named 'Bradfield Cottages' cutting through the Site north to south. The Site is predominantly agricultural comprising fields, hedges and trees. |
| **Infrastructure** | There are several footpaths on site, primarily in the east.<br>A 33kv overhead power line cuts through the Site from northeast to southwest. |
| **Topography** | The Site slopes from 104 m Ordnance Datum (OD) elevation in the west down to 85 m OD elevation in the eastern half of the Site. |
| **Adjacent and Surrounding Land Use (pertinent features)** | North: Predominantly farmland. Residential area of Norton is located 200 m to the north of the Site. |
| | East: Farmland and woodland, with Corston village beyond. |
| | South: The Site is bound in part by the South Wales Main Line within a cutting, as well as woodland and farmland. A large residential property is noted 180 m south. A café, brewery and industrial area is located 235 m away. Beyond the railway line, Hullavington Solar Park is located 112 m to the south. |
| | West: Predominantly farmland, with Townlease Farm located 260 m from the west. Beyond, farmland including Farleaze Farm. |

## Historical Setting

1.2.2 Historical Ordnance Survey (OS) maps of the Site and the wider environs were provided in the Groundsure report (scales 1:10,000 and 1:10,560) and viewed from Google Earth Pro and these are reviewed in this section. Copies of these maps are presented as Annex 19-4-1.

1.2.3 The historical Ordnance Survey (OS) maps obtained with the Groundsure report date between 1885 and 2024.

1.2.4 **Table 3** below presents a summary of the main features present on and within approximately 250 m radius of the Site boundary. Geosyntec notes that only indicative map scales are provided. Where dates are stated, these refer to the dates of maps on which the features are present, have changed use or are no longer annotated, and do not necessarily refer to the exact dates of existence of a particular feature. Development that may have occurred between map editions is recorded as occurring on the latter published map, hence there are some limitations to the accuracy to the date of development unless supplementary evidence is available:

**Table 3: Summary of Historical Uses**

| Historical Use of Site and Surroundings | | |
|---|---|---|
| **On-site** | 1885 | Site comprised agricultural land including hedges and trees. A footbridge is present on the western half of the Site crossing a stream running southwest to northeast across the site. A stream is noted in the central north of the site traveling west to east. A pond is present to the east of the road now known as Bradfield Cottages and one to its west close to the southern boundary. Two ponds present in the west of the site and three in the east. A stone is marked in the east. Gauze Brook winds through the east joined by a stream running north onto site from the south. |
| | 1899 | Footpaths are marked to the east and west. A footbridge passes over the northern stream. Another small pond is noted in the east of the Site, and a pond attached to a stream or drainage channel is also noted in the east connected to Gauze Brook. A pond is noted on a field boundary in the west. |
| | 1923-1925 | 'Rises' marked in the west of the Site. The foot bridge is no longer marked. |
| | 1949 | No significant changes. |
| | 1981-82 | Three ponds remain in the west and none remain in the east. A Ford is marked at the southern tip. |
| | 2001 | No significant changes. |
| | 2010 | No significant changes. |
| | 2024 | All ponds no longer marked. |
| **Off-site (within 250m)** | 1885 | Primarily farmland. Norton village marked in the northwest including Church Farm 195 m from site, and All Saints Church 250 m from site. Bradfield Farm extends to the southern border with the main buildings 175 m south. A large pond is located 50 m to the southwest. Townleaze Barn is 260 m to the west. Bradfield Wood directly on the northern border. Orchards of West Park Farm |

| Historical Use of Site and Surroundings | | |
|---|---|---|
| | | extend to 250 m north of site with the farm building further north. West Park Wood is 200 m to the northeast.<br>50 m south east a semi-detached residence is noted. A number of small ponds are noted within 250 m of the site include ones on the west and north boarders. |
| | 1899 | Several small ponds and farm buildings are present.<br>Railway is noted as under construction.<br>A sand pit is noted at Bradfield Farm 180 m away.<br>190 m north of Site is a wood named as Maidford Brake.<br>Semi-detached property is no longer present. |
| | 1923-1925 | Aqueduct marked 75 m to the south of the Site. Church farm named Manor Farm. A Gravel Pit is noted 90m north, a Pumping House 175 m noted to the north, and Rises are marked to the north near Maidford Break. Farmland to the immediate north has been turned to allotments. The railway is complete, forming part of the Site boundary in the southeast, within a cutting. Hullavington Train Station marked over 250 m to the southwest, not on the Site boundary. The railway is shown in a cutting. |
| | 1949 | No significant changes. |
| | 1981-82 | Water tower marked over 250 m north near Norton near to the pumping house. A sewage works and associated tanks are marked near Bradfield Manor Farm over 250 m south of site. Kingway Nursery present in the southeast. Disused wind pump marked to the north.<br>Allotments no longer noted, but a drain remains.<br>A large building is noted 100 m south of site close to the railway.<br>Gravel Pit no longer noted. |
| | 2001 | Townleaze barn expands to Townlease Farm. |
| | 2010 | No significant changes. |
| | 2024 | No significant changes. |

1.2.5 The maps show that Lime Down D has been farmland since the earliest available mapping in,1885. A number of streams cross the site including Gauze Brook in the eastern end. The railway line borders the southern end of the site appearing under construction in 1899 and completed with cuttings by 1923. Rises are present both on Site and off, to the west and north respectively and several ponds have been marked on the Site which are no longer present, naturally infilled or potentially backfilled. Offsite, there has been almost no residential development within 250 m with the exception of a semi-detached property not noted by 1899 and Norton village located 200 m to the north. A number of farm properties are within 250 m including Manor Farm to the north and Bradfield Farm to the south.

## Physical and Environmental Setting

1.2.6 The physical setting including the topography, geology, hydrogeology and hydrology are the key factors that influence the way in which contaminants in the soil or groundwater can be transported on or off site, and also the way in which contamination can affect applicable receptors including controlled waters and users of the Site.

1.2.7 The physical and environmental setting of the Site, in **Table 4** and **Table 5** below, has been assessed by making reference to the information sources detailed in Table 1 Sources of Information.

**Table 4: Summary of Physical Characteristics**

| Physical Setting | |
|---|---|
| **Geology and Geohazards** | |
| **Geology** | **Anthropogenic Strata – made ground or backfill:**<br>Made ground is not recorded on the BGS Mapping for the Site. However, there may be made ground associated with historical land uses such as agricultural activities, field entrances, and potential backfilled ponds. |
| | **Soils**:<br>The soils anticipated on the Order Limits lime-rich loamy and clayey soils with impeded drainage in the north, freely draining to the east, and naturally wet in the south.<br><br>Further information is contained within **Chapter 17: 'Soils and Agriculture'**. |
| | **Superficial Geology**:<br>Superficial deposits are typically absent from the Site.<br>Alluvium- Fluvial Deposits – Clay, Silt, Sand, and Gravel – are present on site in the east broadly along the route of Gauze Brook. |
| | **Solid Geology**:<br>The Site is underlain by the Kellaways Formation, Cornbrash Formation and Forest Marble Formation. The depth to engineering rock head is unknown, however, it is anticipated that the upper stratum will be completely weathered, becoming rock strength at relatively shallow depths.<br><br>The Cornbrash Formation predominantly underlies the western portion of the Site. The stratum comprises Limestone, medium to fine grained Wackestone and Packstone. The stratum is typically 2-4 m thick in Wiltshire and overlies the Forest Marble Formation. |

| Physical Setting | | |
|---|---|---|
| | The Kellaways Clay Member (Mudstone) underlies part of the Site to the east and small areas in the northwest and southern parts of the Site.<br>The stratum comprises mudstone, with beds of calcareous Siltstone and Sandstone. The stratum is typically 20 m thick in the Wessex basin and overlies the Cornbrash Formation.<br><br>The Kellaways Sand Member – (Sandstone and Siltstone) noted within the far eastern end of the site. Interbedded Silicate sandstone and silicate siltstone, pale grey, calcareous cemented, with interbeds of sandy and silty mudstone.<br><br>The Forest Marble Formation (Mudstone) underlies part of the Site, with small areas located to the very west and centre. The stratum comprises greenish grey mudstone with lenticular typically cross-bedded and shelly limestone units. The stratum is typically 10-30 m thick, overlying Chalfield Oolite Formation (part of the Great Oolite Group). | |
| | **Geological Structures**:<br>No recorded faulting.<br>Strata dips gently to the northeast. | |
| | Borehole Records:<br>No BGS boreholes are recorded on Site or offsite within 100 m.<br><br>The closest borehole to the site is ST88SE5 182 m north west associated with Manor Farm. It is a record for a well shaft and noted 'Forest Marble' to c.19.4 mbgl. | |
| **Geohazards /Geotechnical Issues** | **Hazard Type** | **Hazard Potential** |
| | Collapsible Ground | Negligible to very low |
| | Compressible Ground | Negligible or **moderate** |
| | Ground Dissolution | Negligible to low |
| | Landslide | Very low to low |
| | Running Sand | Negligible or low |
| | Shrinking or Swelling Clay | Negligible to **moderate** |
| **Karst** | No records of natural cavities or BGS karst data have been identified within 500 m of the site in the Groundsure report. | |
| **Radon** | UKRadon shows the Site as less than 1% maximum radon potential, with 1-3% maximum radon potential, associated with Alluvium. | |
| **Coal Mining** | The Coal Authority interactive map viewer shows that the Site is not within a Coal Mining Reporting Area and therefore is not in a Development High Risk Area. No Coal Mining Risk Assessment (CMRA) considered necessary. | |

| Physical Setting | |
|---|---|
| **Non-Coal Mining/Minerals** | The Groundsure report identifies one opencast sand and gravel quarry to the northwest of the Site, operations now ceased. |
| **Evidence of Land Contamination** | Site walkovers were carried out by Geosyntec between May-July 2025. No significant evidence of contamination (visual and olfactory) was observed during the walkover. |
| **Hydrogeology** | |
| **Aquifer Designation** | The Cornbrash Formation covering the western portion of the site is classified as a Secondary A Aquifer.<br>The Forest Marble Formation is designated as a Secondary A aquifer<br>The Kellaways Formation is designated as Unproductive Strata.<br>The underlying limestones of the Great Oolite Group are a designated Principal Aquifer. |
| **Groundwater Vulnerability** | The secondary A superficial aquifers are stated as being medium to high vulnerability. The secondary A bedrock aquifers are stated as being high vulnerability. |
| **Source Protection Zone Status** | A small portion of the central south of the site is noted to be within a Source Protection Zone (SPZ) Zone 3. The eastern half of the Site is within a Subsurface Activity Source Protection Zone 1c (SPZ1c) for – 'inner catchment confined aquifer' where pollutants take up to 50 days to reach the water source. The other half of the site lies in a Source Protection Zone 2c (SPZ2c) – 'outer catchment confined aquifer', where pollutants take up to 400 days to reach the source. The SPZ relates to an abstraction borehole approximately 4 km to the east of the Site. |
| **Licensed Groundwater Abstraction** | Reviews of the Groundsure report and information supplied from Wiltshire Council indicate there are two active groundwater abstractions within 2000m of the Site. One is 558m SW of the Site and is associated with General Use Relating to Secondary Category (Very Low Loss). It is operated by Wessex Water Services Ltd and extracts up to 27,500m$^3$ of water a day (License No. 17/53/001/G/410).<br>The additional abstraction point is 544m SE and is licensed for Horticultural Watering by Rochford and Sons Ltd (License No 17/53/001/G/381) and is permitted to extract 159.1m$^3$ a day. |
| **Local Authority Registered Private Water Supply Abstractions** | Wiltshire Council were contacted for information on private water supply abstractions. There are no recorded public water supplies on or within 100 m of the Site. |
| **Groundwater Flooding Potential** | Most of the Site is at negligible risk of flooding with the western end at low risk. However, there are small pockets at high risk to the east and southeast, with a moderate-high risk surrounding these, broadly following Gauze Brook. |

| Physical Setting | |
|---|---|
| | |
| **Hydrology** | |
| **Surface Water Courses and Drainage** | Gauze Brook is present in the east of the Site as well as five other unnamed streams on site, two in the west and three in the east. |
| **Catchment Information** | The Site is almost entirely covered by the Gauze Brook water body catchment area, of moderate ecological status – moderate ecological quality and moderate physicochemical quality.<br>The far western end of the site is covered by the 'Tributary source to the confluence of the Sherston Avon catchment area'. |
| **Licensed Surface Water Abstractions** | Reviews of the Groundsure report and information supplied from Wiltshire Council indicate there are no Licensed Surface Water Abstractions have been identified within 1km of the site. |
| **Local Authority Registered Surface Water Abstractions** | Wiltshire Council were consulted for information on private water abstractions. At the time of writing, there are no records of private water supply. |
| **Risk of Flooding from Surface Waters** | The gov.uk flood map for planning shows that a large portion of the Site, around the east and the centre, broadly along the path of Gauze Brook, lies within a Flood Zone 3 – high probability of flooding from rivers and the sea (in any year the land has a 1% or higher change of flooding from rivers, and a 0.5% or more change of flooding from the sea). Small areas of Flood Zone 2 are noted on the edges of the Zone 3 area. Refer to ES **Chapter 11: 'Hydrology, Flood Risk and Drainage'** for additional detail. |

## Table 5: Summary of Other Environmental Information

| Environmental Setting | |
|---|---|
| **Protected Areas** | |
| **Sensitive Sites (within 250m)** | **Protected Woodland**:<br>An unnamed area of Ancient Woodland directly borders part of the northern boundary, noted in the historical mapping to be Bradfield Wood. West Park wood, another area of Ancient Woodland, is located 217 m away to the East.<br><br>**SSSI/SPA/SAC etc:**<br>There are no SSSI/SPA/SAC within 250 m and the Site is not within a SSSI Impact Risk Zone. |

| Environmental Setting | |
|---|---|
| | Refer to **ES Volume 1, Chapter 9: Ecology and Biodiversity [EN01068/APP/6.1**] **and ES Volume 1, Chapter 10: Arboriculture [EN01068/APP/6.1**] for additional detail. |
| **Cultural Heritage** | No areas of cultural heritage interest are located on site. There are 5 listed buildings within 250 m, one Grade I and two Grade II to the south associated with Bradfield Farm, and two Grade II to the northwest associated with Manor Farm. Refer to **ES Volume 1, Chapter 12 Cultural Heritage [EN01068/APP/6.1]** for additional detail. |
| **Other** | |
| **Asbestos** | No structures are noted onsite other than the footbridges. It is unlikely these would have the potential for asbestos containing material (ACM). However, there may be infilled ponds onsite which may contain ACM. No asbestos surveys available for the Site. |
| **Invasive Plants** | No observations of invasive plant species were noted in the Delta Simons site walkover. Detailed information is contained within **ES Volume 1, Chapter 9: Ecology and Biodiversity [EN01068/APP/6.1]** |
| **Unexploded Ordnance** | Zetica UXO maps show a low risk of unexploded ordnance. |
| **Nitrate Vulnerability** | The Site is not in a nitrate vulnerable zone. |

## Regulated Activities

1.2.8 The key relevant features that characterise the Site and surrounding area are summarised in this section, along with an indication of the risk to the land quality of the Site.

1.2.9 Information on groundwater and surface water abstractions is detailed in above sections and is not repeated here.

1.2.10 Generally, any regulated activities, i.e. those covered by national legislation to control industrial emissions such as the Environmental Permitting Regulations 2016, within 250 m of the Site could, depending upon their nature, represent potential off-site sources of contamination. Typically, at distances greater than 250 m risks are not likely to be unacceptable with respect to the site development.

### Regulated Processes

1.2.11 The information on regulated processes have been reviewed from the Groundsure report (Annex 19-4-2). The report collates data from a variety of

sources including the Environment Agency (EA) and the British Geological Survey (BGS).

1.2.12 There are no discharge consents, pollution incidents contaminated land register entries, pollution prevention controls, prosecutions relating to controlled waters or authorised processes, registered radioactive substances or hazardous substances, identified on or within 250 m of the site.

### Licensed Waste Management Facilities

1.2.13 An attempt has been made to identify any landfilling operations, past and present that have taken place in the vicinity of the Site. With reference to the above data there are no recorded licensed waste management facilities on or within 250 m of the Site.

### Industrial Land Use

1.2.14 According to the Groundsure Report, there are no active or inactive fuel station entries, points of interest, gas pipelines or underground electrical cables on or within 250 m of the Site.

1.2.15 There are two current potentially contaminative industrial sites within 250 m, a water pumping station located to the 175 m northwest, and dairy farm located 224 m to the northwest.

### Site Walkover

1.2.16 A site walkover of Lime Down D was conducted between 1st and 2nd May 2025. A photolog documenting this visit has been created and is appended to this appendix as Annex 19-4-3. The walkover was undertaken in line with the proposed order limits and general arrangement of the scheme at that time.

### General Zone Description

1.2.17 The majority of the fields in Zone D are comprised of crop fields. These include fields D2, D3, D4, D7, D8, D11, D13, D14, D15, D19, D22 and D24. Field D2 also contains wild mustard flowers. Planted grass is observed in fields D1, D5, D6, D9, D10, D12, D16, D17, D18, D21, and D23. Fields D5 and D6 featured mustard flowers.

1.2.18 The Gauze Brook crosses the Zone D area, generally trending east to west. Fields D12, D13, D15, and D17 border the brook directly. It was not possible to cross the brook from one side to the other. Fields D1, D2, D3, D22, and D24 border the railway directly in the south. The railway line is located south of Zone D.

1.2.19 The topography within this zone varies. D1 slopes gently from south to north. D4 and D6 rise gently into the centre of field. D16 also rises to the centre but then drops down towards the stream in the north, northwest and west boundary.

D7 gently slopes from west to east and D10 slopes from northwest to the south. D11 and D15 have an undulating topography. D14 slopes gently from east to the centre of the field, then plateaus westwards. D21 and D20 slopes from north to south. D22 dips to the southeast. D24 slopes from the northwest to southwest. The remaining fields are generally flat.

### Notable Features

1.2.20 D1 contains a patch of disturbed ground, a dried pond in northern boundary. Suspected asbestos cement sheets, metal tanks covered in pallets, and metal barrels on stilts covered with an asbestos sheeting are observed east of the dried pond. The field also contains an overhead powerline running east to west along the eastern boundary shared with D2.

1.2.21 D3 contains a flood light attached to scaffolding pole towards southeast of the field. A pile of festival equipment including gazebo frames, scaffold poles, pallets, an empty IBC, rope, tent poles and pegs, and a bin containing mouldy burger boxes is present in the western boundary of D3. A footbridge is observed in the south. D4 contains overhead wires crossing northeast to southwest.

1.2.22 The southwestern corner of D5 contains crushed concrete, brick and grey limestone over the track. In the south-central boundary, a stockpile of crushed brick, concrete, asphalt is observed. It is poorly graded. In the southeast corner by the gate, haybales and chopped wood are observed. Vegetated stockpiles of crushed material, a piece of farming equipment and rusted pipes are observed.

1.2.23 D6 contains overhead wires in the north trending northwest to southeast, and disturbed ground with oolitic limestone in the south-central area and centre of field. D7 also contains disturbed ground in the western area.

1.2.24 D8 contains a barrel covered with asbestos sheeting in southwest corner, and a pile of asbestos cement sheets and wooden structures along the western boundary. A dry ditch on southern banking, a trough with plumbing in the southeast corner. D9 contains two barrels with the same asbestos sheeting covering. A ditch runs between D9 and D10. The boundary also contains two ponds and a public footbridge across the boundary with a sign. A public footpath into the woodland to the north is observed.

1.2.25 D11 contains a trough filled with stagnant water in the southwestern corner. D12 contains disturbed ground in the eastern region. The eastern boundary of D12 and D17 borders the Gauze Brook to the north and contains a shallow tributary stream on the eastern boundary, which flows south to north from D18. A footbridge crosses the stream on the eastern boundary into an area of neighbouring woodland. A water tap is observed in the southwestern corner of D17 and disturbed ground around the location of a former building. D13, D14, D20 contain disturbed ground. D18 contains a pipe that cuts across the field towards the southwest, from the northern entrance. is interconnected with

multiple other fields to the south, east and west with no gates. The trainline is visible to the southwest on a raised embankment but does not directly border the field.

1.2.26 The access track to the area around fields D17 and D18 passes underneath the railway line via a low bridge with height restrictions of 13' 6" (4.11 m). Outside fields D17 and D18, a ford crosses the track where the stream flows from D18 into D17. The ford was not passable in a standard car. A makeshift footbridge using a metal roof sheet was present on one side of the ford.

## 1.3 Conceptual Site Model and Preliminary Risk Assessment

### Introduction

1.3.1 This section is aimed at identifying possible risks, if any, arising from substances used or deposited on-site, or from other sources of land contamination. Both past and current potentially contaminative land uses have been considered. It is based on the proposed site redevelopment detailed **ES Volume 1, Chapter 2: The Order Limits [EN010168/APP/6.1]** and **Chapter 3: The Scheme [EN010168/APP/6.1]**.

### Assessment Framework

1.3.2 The risk assessment framework that will be used for this assessment is described in **Appendix 19-16: Preliminary Risk Assessment Approach and Methodology [EN010168/APP/6.3]**.

### Conceptual Site Model

1.3.3 The potential sources of contamination, potential pathways and receptors are described below.

#### Potential Contamination Sources

**On Site**:

S1. Potential made ground associated with farming activities and potential backfilled ponds.

S2. Possible small-scale spills/leaks of fuels associated with the agricultural use of the Site.

S3. Historic elevated pesticides and herbicides associated with the agricultural use of the Site.

**Off-Site:**

S4. Potential contaminants associated with the water pumping station.

S5. Potential contaminants associated with the dairy farm.

**Cable as a Source:**

S6. Thermal impact from cables installed

### Potential Pathways

P1. Dermal contact, ingestion or inhalation of soil or dust.

P2. Inhalation of gases or vapours.

P3. Leaching and migration of chemicals in groundwater, including via preferential pathways.

P4. Direct contact with soils.

P5. Migration of explosive gases.

P6 Thermal advection diffusion dispersion

### Potential Receptors

R1. Construction workers.

R2. Future maintenance workers including those working in the battery energy storage system (BESS area).

R3. Surface waters including ponds and streams, including Gauze Brook on Site.

R4. Principal and Secondary A aquifer, source protection zones (SPZ1c, SPZ2c and SPZ3) and groundwater abstractions.

R5. Infrastructure including the BESS area, solar panels, inverters buried concrete and utilities including cables and any proposed water supply pipes.

R6. Public access including footpaths.

R7. Residential neighbours including outskirts of Norton and farms northwest and south.

### Preliminary Risk Assessment

1.3.4 An initial Conceptual Site Model (iCSM) illustrating plausible contaminant linkages has been formulated for this site. The qualitative preliminary risk assessment of the possible linkages of the above sources (S1 to S5), transport pathways (P1 to P5) and receptors (R1 to R7) are provided in the **Table 6**.

1.3.5 The level of risk is determined based on the current condition of the Site (i.e. the effects of mitigation measures are not included)

1.3.6 An initial Conceptual Site Model (iCSM) illustrating plausible contaminant linkages has been formulated for this site. The qualitative preliminary risk assessment of the possible linkages of the above sources (S1 to S5), transport pathways (P1 to P5) and receptors (R1 to R7) are provided in **Table 6**.

1.3.7 The level of risk is determined based on the current condition of the Site (i.e. the effects of mitigation measures are not included).

**Table 6: Potential Sources, Pathways and Receptors**

| Source | Pathway | Receptor | Potential Severity | Likelihood of Occurrence | Potential Risk | Linkage Reference | Justification |
|---|---|---|---|---|---|---|---|
| **S1**: Potential for localised made ground (MG) from farming activities and infilled ponds | **P1:** Dermal contact, ingestion or inhalation of soil or dust | **R6:** Public Access via footpaths and roads | Mild | Unlikely | Very Low | S1-P1-R6 | Soils in top 0.5 m bgl potentially containing contaminants may impact the public via footpaths. Based on the information reviewed there are not considered to be any significant sources of contamination, and the exposure times would be limited. The risk will be lower post construction as unforeseen contamination encountered during the construction phase would be dealt with appropriately though a discovery strategy as detailed in the **Outline Construction Environmental Management Plan (CEMP) [EN010168/APP/7.12]**. In addition, the Site will be subject to an appropriate planting scheme and there will be no bare areas for dust generation to create exposure. |
| | **P3:** Leaching and migration | **R4:** Principal and Secondary A Aquifer, SPZ and abstraction | Minor | Low | Very Low | S1-P3-R4 | Contaminants can be mobilised via shallow groundwater. Groundwater levels may be shallow, based on the streams beginning in the south of the Site. Given the anticipated geology groundwater is likely to be perched on cohesive layers, though piling to 12m bgl at substations could create a direct pathway to the Principal Aquifer (cohesive, low-permeability strata at surface are of unconfirmed thickness), especially in the vicinity of the railway cutting in the west of the study area, where Ooidal Limestones were encountered. The railway cutting may therefore in contact with the water-bearing rock of the principal aquifer. Beyond this, there are not considered to be any significant sources of contamination based upon the information reviewed. Moreover a foundation risk assessment will be undertaken to mitigate against risks imposed by this foundation method. It may be possible alternate foundation methods can be utilised. Similarly for areas where HDD is used, a risk |

| Source | Pathway | Receptor | Potential Severity | Likelihood of Occurrence | Potential Risk | Linkage Reference | Justification |
|---|---|---|---|---|---|---|---|
| | | | | | | | assessment will be undertaken for mitigation against contaminants. |
| | | **R3:** Surface waters | Mild | Low | Low | S1-P3-R3 | There are several streams on Site, including Gauze Brook in the east, many of which may be downgradient of potential sources. Any pollutants could reach the aquifer quickly and further migrate. However, the potential sources are considered to be isolated and minor and unlikely to present a risk to controlled waters. |
| | **P2**: Inhalation of gases or vapours | **R7:** Residential neighbours | Medium | Unlikely | Low | S1-P2-R7 | Made ground is anticipated to be of limited extent and generation potential. However, if a ground gas source was identified, this may pose a risk to off-site neighbours. |
| | **P5:** Migration of explosive gases | **R5:** Infrastructure including the BESS, water supply pipes and buried concrete | Medium | Unlikely | Low | S1-P5-R5 | Made ground is anticipated to be of limited extent and generation potential. However, ground gas may build up within infrastructure constructed close to potential sources and may pose an explosive risk if a complete contaminant linkage were established. |
| **S2**: Possible small-scale spills/leaks of fuels associated with the agricultural use of the Site | **P4:** Direct contact | **R5**: Infrastructure including the BESS, water supply pipes and buried concrete | Mild | Unlikely | Very Low | S1-P3-R5 | Water pipes are not anticipated for the proposed site, although buried concrete is anticipated. Hydrocarbons and elevated sulphates may degrade water supply pipes and attack concrete. |
| | **P1**: Dermal contact ingestion or inhalation | **R6:** Public access via footpaths | Mild | Unlikely | Very Low | S2-P1-R6 | Leaks or spills of fuel could adversely affect health if there was direct exposure. However, the likelihood of contact and limited exposure time suggests a very low potential risk to the public. |

| Source | Pathway | Receptor | Potential Severity | Likelihood of Occurrence | Potential Risk | Linkage Reference | Justification |
|---|---|---|---|---|---|---|---|
| | **P3**: Leaching and Migration | **R3**: Surface waters | Mild | Low | Low | S2-P3-R3 | There are several streams on Site, including Gauze Brook to the east, many of which are downgradient of the Site. However, the potential sources are considered to be isolated and minor and unlikely to present a risk to controlled waters. |
| | | **R4**:Principal and Secondary A aquifer, SPZ and abstraction | Mild | Low | Low | S2-P3-R4 | Contaminants can be mobilised via shallow groundwater. Groundwater levels may be shallow, based on the streams beginning in the south of the Site. Given the anticipated geology, groundwater is likely to be perched on cohesive layers, though piling to 12m bgl at substations could create a direct pathway to the underlying Secondary Aquifer (cohesive, low-permeability strata at surface are of unconfirmed thickness). The railway cutting at the western end of the study area may also create a pathway to the secondary aquifer. However, there are not considered to be any significant sources of contamination present within the study area based upon the information reviewed. Moreover a foundation risk assessment will be undertaken to mitigate against risks imposed by this foundation method. It may be possible alternate foundation methods can be utilised. Similarly for areas where HDD is used, a risk assessment will be undertaken for mitigation against contaminants. |
| | **P5:** Migration of **e**xplosive gases | **R5:** Infrastructure including the BESS | Medium | Unlikely | Low | S2-P5-R5 | If present hydrocarbon spills are considered to be local and isolated and have low vapour generation potential. Unforeseen contamination encountered during construction will be managed through a discovery strategy as part of the CEMP. |
| **S3**: Historic use elevated | **P1**: Dermal contact, ingestion or | **R6:** Public access via footpaths | Mild | Unlikely | Very Low | S3-P1-R6 | Elevated pesticides and herbicides could cause adverse effects to health. However, the likelihood of contact and |

| Source | Pathway | Receptor | Potential Severity | Likelihood of Occurrence | Potential Risk | Linkage Reference | Justification |
|---|---|---|---|---|---|---|---|
| pesticides and herbicides | inhalation of soil or dust | | | | | | limited exposure time suggests a very low potential risk to the public. |
| | | **R3**: Surface waters | Mild | Low | Low | S3-P3-R3 | Streams are on site and therefore there is a potential risk of chemicals of potential concern flowing into the stream. |
| | **P3**: Leaching and Migration | **R4:** Principal and Secondary A aquifer, SPZ and abstraction | Mild | Unlikely | Very Low | S3-P3-R4 | Contaminants can be mobilised via shallow groundwater. Given the anticipated geology, groundwater is likely to be perched on cohesive layers, though piling to 12m bgl at substations could create a direct pathway to the underlying Secondary Aquifer (cohesive, low-permeability strata at surface are of unconfirmed thickness). The railway cutting at the western end of the study area may also create a pathway to the secondary aquifer. However, there are not considered to be any significant sources of contamination present within the study area based upon the information reviewed. Excess herbicides and pesticides could reach the aquifer easily and further migrate. Moreover a foundation risk assessment will be undertaken to mitigate against risks imposed by this foundation method. It may be possible alternate foundation methods can be utilised. Similarly for areas where HDD is used, a risk assessment will be undertaken for mitigation against contaminants. |
| **S4:** Potential contaminants associated with the water pumping station off-site | **P5:** Migration of explosive gases | **R5:** Infrastructure including the BESS, water supply pipes and buried concrete | Medium | Unlikely | Low | S4-P5-R5 | If present ground gas may build up within enclosed infrastructure spaces and pose an explosive risk. However, the water pumping station is c.700 m from the proposed BESS site and made ground is anticipated to be of limited extent and low gas generation potential. |

| Source | Pathway | Receptor | Potential Severity | Likelihood of Occurrence | Potential Risk | Linkage Reference | Justification |
|---|---|---|---|---|---|---|---|
| **S5:** Potential contaminants associated with the dairy farm off site | **P5:** Migration of explosive gases | **R5:** Infrastructure including the BESS, water supply pipes and buried concrete | Medium | Unlikely | Low | S4-P5-R5 | Ground gas may build up within infrastructure to pose an explosive risk. However, it is anticipated that the direction, geology and distance of c.830m from the BESS site would limit the potential for migration of ground gases to the site. |
| **S6:** Thermal impact from cables installed | **P6:** Thermal advection diffusion dispersion | **R3**: Surface waters | Mild | Unlikely | Very Low | S6-P6-R3 | The cable will be installed at a depth of 2 m BGL. The groundwater strikes identified by HDD range between 0.9 – 1.5 m BGL. Cables will be selected in order to minimise thermal loss considering available guidance from the EA. Therefore, impacts to receptor anticipated to be negligible. |
| **S6:** Thermal impact from cables installed | **P6:** Thermal advection diffusion dispersion | **R4**: Principal and Secondary A Aquifer, SPZ and abstraction. | Mild | Unlikely | Very Low | S6-P6-R4 | The cable will be installed at a depth of 2 m BGL. The groundwater strikes identified by HDD range between 0.9 – 1.5 m BGL. Cables will be selected in order to minimise thermal loss considering available guidance from the EA. Therefore, impacts to receptor anticipated to be negligible. |

## Discussion of Risk to Future Construction and Maintenance Workers and Off-Site Receptors

1.3.8 The Scheme works will be undertaken in compliance with Construction Design and Management (CDM) Regulations 2015.

1.3.9 Prior to work commencing, a health and safety risk assessment will be carried out by the appointed Principal Contractor/developed in accordance with current health and safety regulations. This assessment will cover potential risks to construction staff, maintenance staff and the local population. Based on the findings of this risk assessment, appropriate mitigation measures will be implemented during the construction period or during operation and maintenance.

1.3.10 Acute risks to construction and maintenance workers will be managed by appropriate health and safety measures as identified in the **Outline Construction Environmental Management Plan (CEMP) [EN010168/APP/7.12], Outline Operation Environmental Management Plan (OEMP) [EN010168/APP/7.13]**, and **Outline Decommissioning Strategy [EN010168/APP/7.14].**

1.3.11 Temporary works including excavations and trenching will be managed by the CEMP and soil resources management plan (SRMP) **[EN010168/APP/7.15]** and enforced by the Principal Contractor (PC). Access roads should be designated prior to construction and enforced by the PC. Spoil should be bunded away from sensitive receptors and covered to prevent dust and silt migration.

1.3.12 The HDD and installation may penetrate into the Principal Aquifer if encountered at shallow depths, albeit the HDD should not alter hydraulic properties and flow regime of the Principal Aquifer. Publicly available borehole records encounter the Great Oolite Principal Aquifer between 3m BGL and greater than 50m BGL, no groundwater strikes were recorded. Inert bentonite type slurries can be used to seal the walls of the bore or casing can be used which could prevent against contamination and reduce the impact of permeability on the Aquifer. See **9.13 Cable Route Avoidance Areas - Preliminary Geotechnical Risk Register [REP1-129]** for further consideration of risk from HDD activity.

1.3.13 A foundation risk assessment will be required for the project where necessary. 4m deep piles are understood to be used for BESS and 12m deep piles for the substation areas which could penetrate into the Principal Aquifer. In the proposed pile areas, the Principal Aquifer is currently understood to be 7.5 to 50m BGL, albeit shallower depths are anticipated in localised areas and will be confirmed by ground investigation prior to the construction phase. Alternate foundation methods

should be considered where foundations are expected to interact with the Principal aquifer. Further information can be found within **9.12 BESS and Substation - Preliminary Geotechnical Risk Register [REP1-128].**

1.3.14 Excavations will be required for foundations regardless of shallow or piled solutions. Dewatering may be required if shallow groundwater is encountered, either as a perched water table or if the Principal Aquifer is found to be very shallow. Water should be collected, contained and discharged in line with the CEMP.

1.3.15 The greatest potential for generation of dust will be during the Site works and therefore dust generation will be kept to a minimum in accordance with general good practice, as outlined in, for example, 'Environmental Good Practice on Site', CIRIA Publication C692 to reduce this risk.

1.3.16 The risk to construction workers during the excavation and construction phases in terms of potential exposure to high concentrations of contaminants is considered to be low given the historic and current land uses identified at the Site.

1.3.17 Should gross contamination be identified during the construction phase, then this may pose a potential acute risk to construction works. It is likely to be able to be effectively managed through good health and safety practices and protocols. Adoption of appropriate dust suppression techniques would also mitigate the degree of potential particulate migration off-site.

1.3.18 Risks to maintenance workers will be mitigated through their employer health and safety risk assessments and will only be considered to be acute since occupational exposure (if any) would be short duration and not chronic.

## 1.4 Conclusions and Recommendations

### Site Location

1.4.1 Lime Down D is located to the south of Norton and east of Corston, Wiltshire at National Grid Reference 89705, 83780.

### Proposals

1.4.2 The proposals at the Site comprise ground-mounted solar photovoltaic (solar PV panels) with associated infrastructure such as inverters, and a battery energy storage system (BESS area). Confined spaces may be present associated with the BESS area, i.e. internal spaces with a single point of entry and exit.

## Site Description

1.4.3 Lime Down D comprises an irregularly shaped parcel of land spanning either side of the road 'Bradfield Cottages', bounded by the South Wales main line railway line to the south. The Site is an area of agricultural land use with associated hedgerows and farm tracks, over approximately 213 ha. There are several footpaths on Site, primarily to the east, these will be considered in the design and layout of the Site. A 33 kv overhead power line cuts through the Site from northeast to southwest. The Site slopes from 104 m OD elevation in the west down to 85 m OD elevation in the east. The surrounding area is predominantly agricultural, with very little residential development except for Norton Village to the north and farmhouses to the northwest and south.

## Ecologically Sensitive Sites

1.4.4 Bradfield Wood, an area of ancient woodland directly borders a section of the northern boundary, and another area of ancient woodland named West Park Wood is located 217 m to the east.

## Site History

1.4.5 The maps show that Lime Down D has been farmland since the earliest available mapping in,1885. A number of streams cross the site including Gauze Brook in the eastern end. The railway line borders the southern end of the site appearing under construction in 1899. Rises are present both on Site and off, to the west and north respectively and several ponds have been marked on the Site which are no longer present, potentially backfilled. Offsite, there has been almost no residential development within 250 m with the exception of a semi-detached property not noted by 1899 and Norton village located 200 m to the north. A number of farm properties including Manor Farm to the north and Bradfield Farm to the south.

## Geology

1.4.6 The ground conditions are anticipated to comprise soil comprising lime-rich loamy and clayey soils with impeded drainage in the north, freely draining in the east, and naturally wet in the south. The Site overlies the Kellaways Formation (Kellaway Clay Member - Mudstone) and Kellaway Sand Member (Siltstone and Sandstone), Cornbrash Formation (Limestone, Packstone, and Wackestone), and Forest Marble Formation (beds of Mudstone and Limestone). Some superficial Alluvium deposits are noted to the east broadly along Gauze Brook. The depth to engineering strength rock is unknown, however, it is likely that engineering rockhead is shallow across the Site. Localised areas of made ground may

be encountered, associated with farming activity and potentially backfilled ponds.

### Geohazards

1.4.7 Negligible to low geohazard risk has been typically identified at Lime Down D. A moderate risk has been identified for shrink-swell potential of shallow clays associated with the Kellaways Formation, and for compressible ground associated with superficial Alluvium. The Site is not in a mining area or mineral safeguarding area.

### Hydrogeology

1.4.8 Shallow groundwater may be encountered, perched on the low permeability cohesive soils notably beneath the eastern end of the Site. The underlying geological formations are designated either unproductive in the east or Secondary A aquifers in the west, with high vulnerability. The site lies partially within a Source Protection Zone 3 'total catchment zone' and a confined aquifer SPZ in the east, Zone 1c 'inner catchment zone', and SPZ 2c to the west, 'outer catchment zone'. The underlying limestones of the Great Oolite Group are a designated Principal Aquifer. There are two licensed groundwater abstractions within 1000m used for horticultural watering and general use. Flooding from groundwater has been recorded for most of the Site as a negligible risk with the western end at low risk. Small pockets however, to the east and southeast, are noted as high risk and moderate-high risk associated with Gauze Brook.

### Hydrology

1.4.9 The nearest named surface water body is Gauze Brook on the eastern half of the site, although there are also several unnamed streams onsite and former and potentially current ponds. From the Ordnance Survey plans there are also a number of small ponds in the vicinity of the Site. The Site is within the catchment of the Gauze Brook water body, of moderate ecological status and the 'Tributary source to the confluence of the Sherston Avon' catchment area in the western end of site. No licensed surface water abstractions have been identified within 1 km of the site. A large portion of the Site, around the east and the centre, broadly following the path of Gauze Brook, lies within a Flood Zone 3, high probability of flooding from rivers and the sea. Refer to ES **Chapter 11: 'Hydrology, Flood Risk and Drainage' [EN010168/APP/6.1]** for additional detail.

### Contaminated Land

1.4.10 On Site, there is potential for ponds to have been backfilled or made ground associated with farming activities to be encountered. Off-site, one

registered pollution incident was recorded close to the south of the Site in September 2001, from storm sewage, with no impact on land and air, and minor impact on water. No landfills or petrol stations have been recorded on or in the vicinity of Lime Down D, however, there are two current potentially contaminative industrial sites within 250 m, including a water pumping station and a dairy farm.

### Preliminary Risk Assessment Conclusions

1.4.11 An iCSM was developed to identify any credible source-pathway-receptor linkages. Given the nature of the proposed solar photovoltaic panels and the BESS area, and the nature of the site having been largely greenfield agricultural land to present, there is considered to be typically a low risk from contaminated land to human health. The risk to controlled water receptors, particularly the underlying Secondary A and Principal aquifer, is increased by the proposed use of piled foundations at substation sites potentially creating preferential pathways. The railway cutting may also be a further point of vulnerability for groundwater resources, though piled foundations will not interact with this. HDD beneath the railway should take care not to displace made ground associated with the railway. The level of risk from these features can generally be regarded as low. Further information can be found within the HDD preliminary risk register **9.13 Cable Route Avoidance Areas - Preliminary Geotechnical Risk Register [REP1-129].**. Areas of substation and BESS may also pose contaminant pathways and therefore **9.12 BESS and Substation - Preliminary Geotechnical Risk Register [REP1-128]**. has been produced.

### Preliminary Geotechnical Considerations

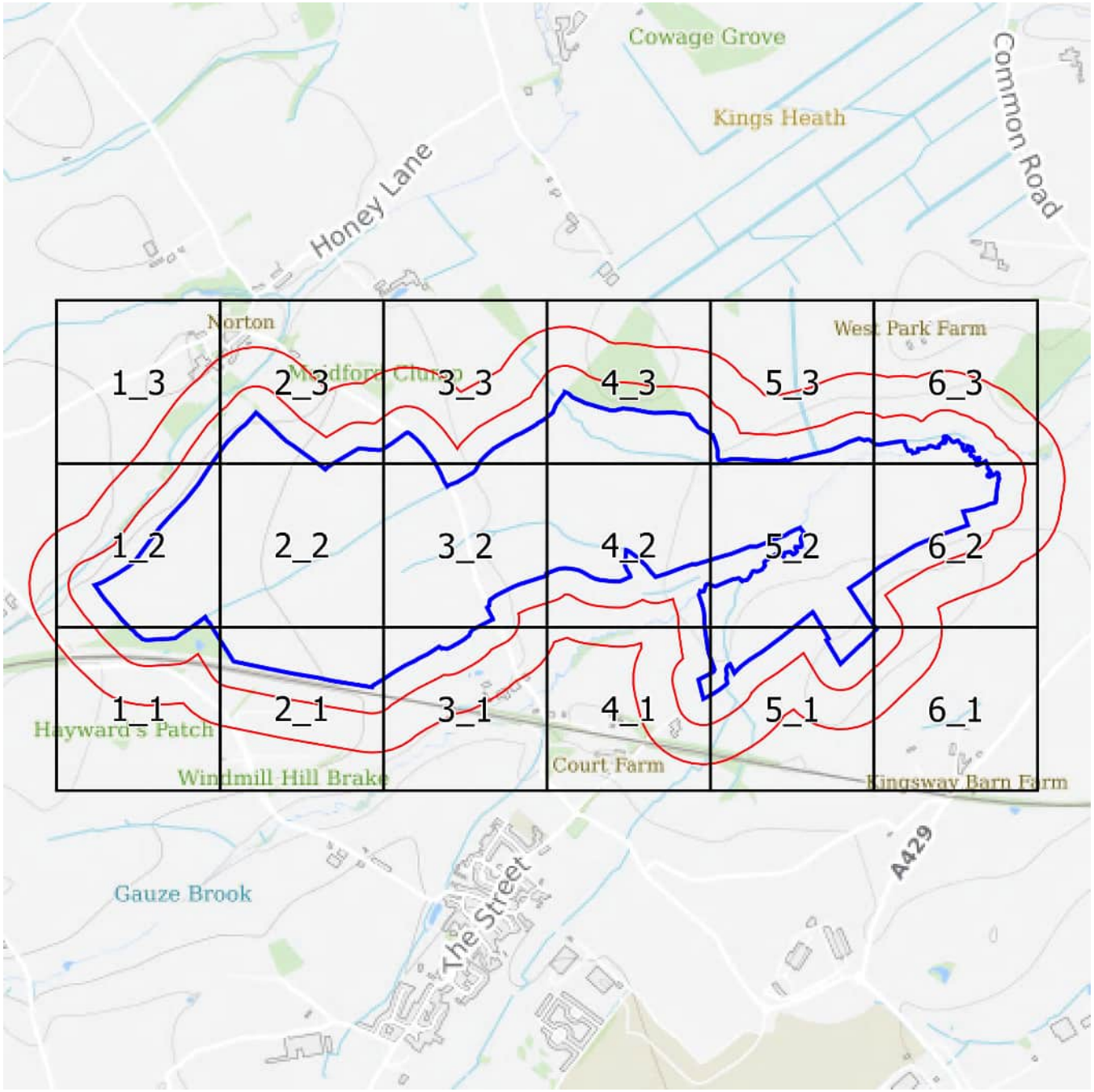
1.4.12 The ground conditions including the strength of shallow soils and the depth to engineering rockhead and groundwater is unknown for the Site which will be confirmed by a ground investigation to inform appropriate foundation design. Clays of moderate to high volume change potential are anticipated at the Site which will be confirmed by geotechnical characterisation testing. Compressible soils associated with Alluvium are anticipated and the extent of which will be investigated. Sulphate testing will be carried out prior to the construction phase to determine the concrete class for the Site, as considered in the **Outline Construction Environmental Management Plan (CEMP) [EN010168/APP/7.12]**. A foundation risk assessment will be required to mitigate risks imposed by piled foundations and excavations. Similar risk assessments will be developed for HDD avoidance areas where applicable. Preliminary risk assessments have been undertaken for piled foundations and HDD which can be found in **9.12 BESS and Substation - Preliminary Geotechnical**

**Risk Register [REP1-128] and 9.13 Cable Route Avoidance Areas - Preliminary Geotechnical Risk Register [REP1-129].**

## Recommendations

1.4.13 Whilst the risk is low given the details of the Scheme, it is recommended that ground investigation should be undertaken to develop detailed design parameters. Additional investigation will consider he soils and groundwaters in the vicinity of any potential locations where made ground may be present such as the historical ponds at Lime Down D and target them for a suitable suite of common contaminants and ground gas monitoring. A ground investigation to inform a geotechnical appraisal including characterisation of the ground conditions and shrink-swell potential of the shallow underlying strata and groundwater levels will also be carried out to support the detailed design. The need for investigation has been considered in the **Outline Construction Environmental Management Plan (CEMP) [EN010168/APP/7.12]** and would be carried out prior to the construction phase. Where piled foundations are required for the installation of substations, a piling risk assessment in line with the CL:AIRE guidance document *Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention (CL:AIRE, 2025, originally published by the Environment Agency, 2001*), should be produced ahead of any construction activity.

# Annex 19-4-1 Lime Down D Historical Mapping



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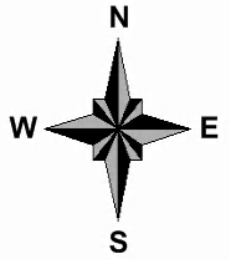

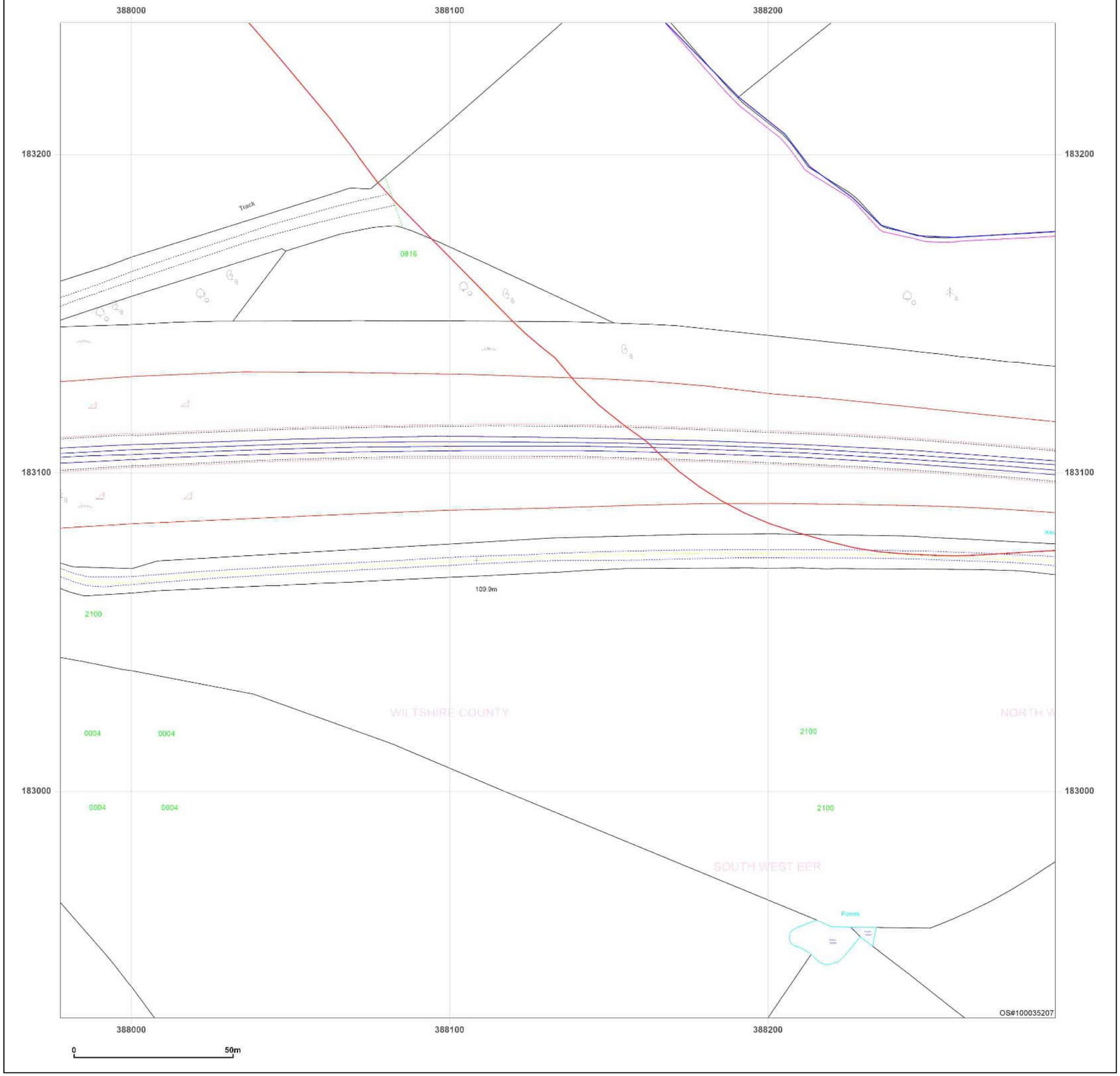


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**Site Details:**

Lime Down Site D

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**Grid Ref:** 388134, 183085

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

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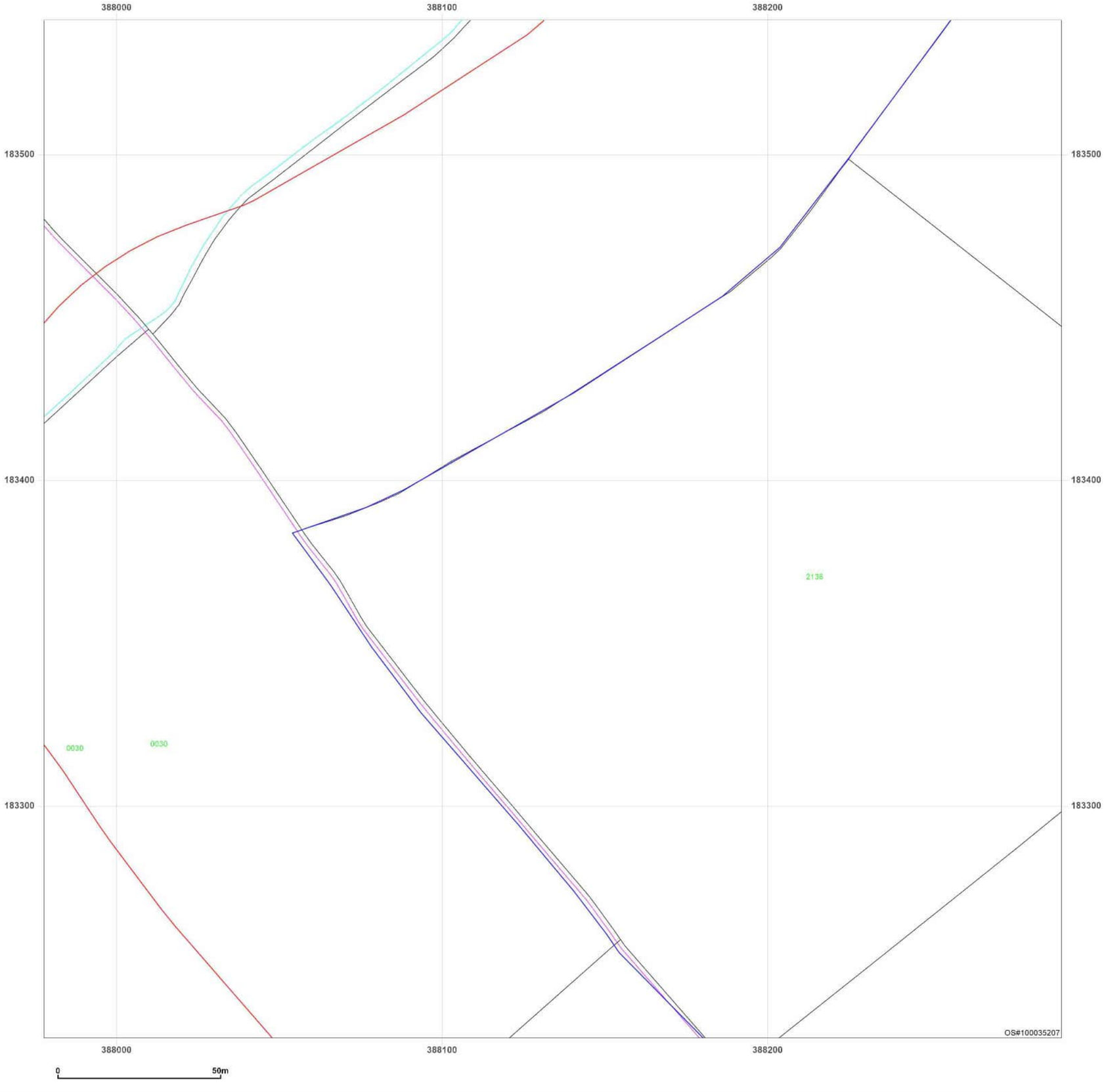


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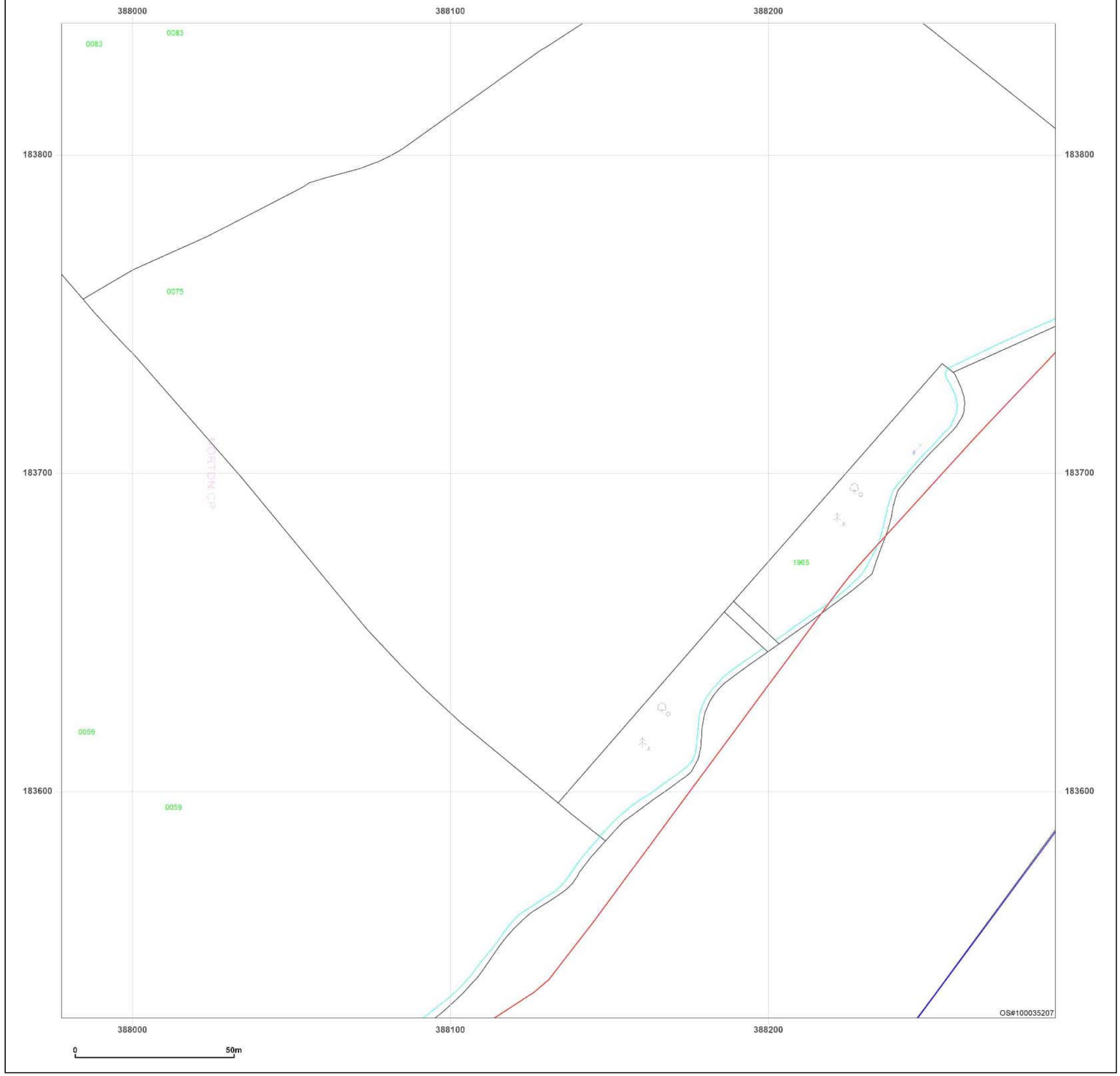


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Lime Down Site D

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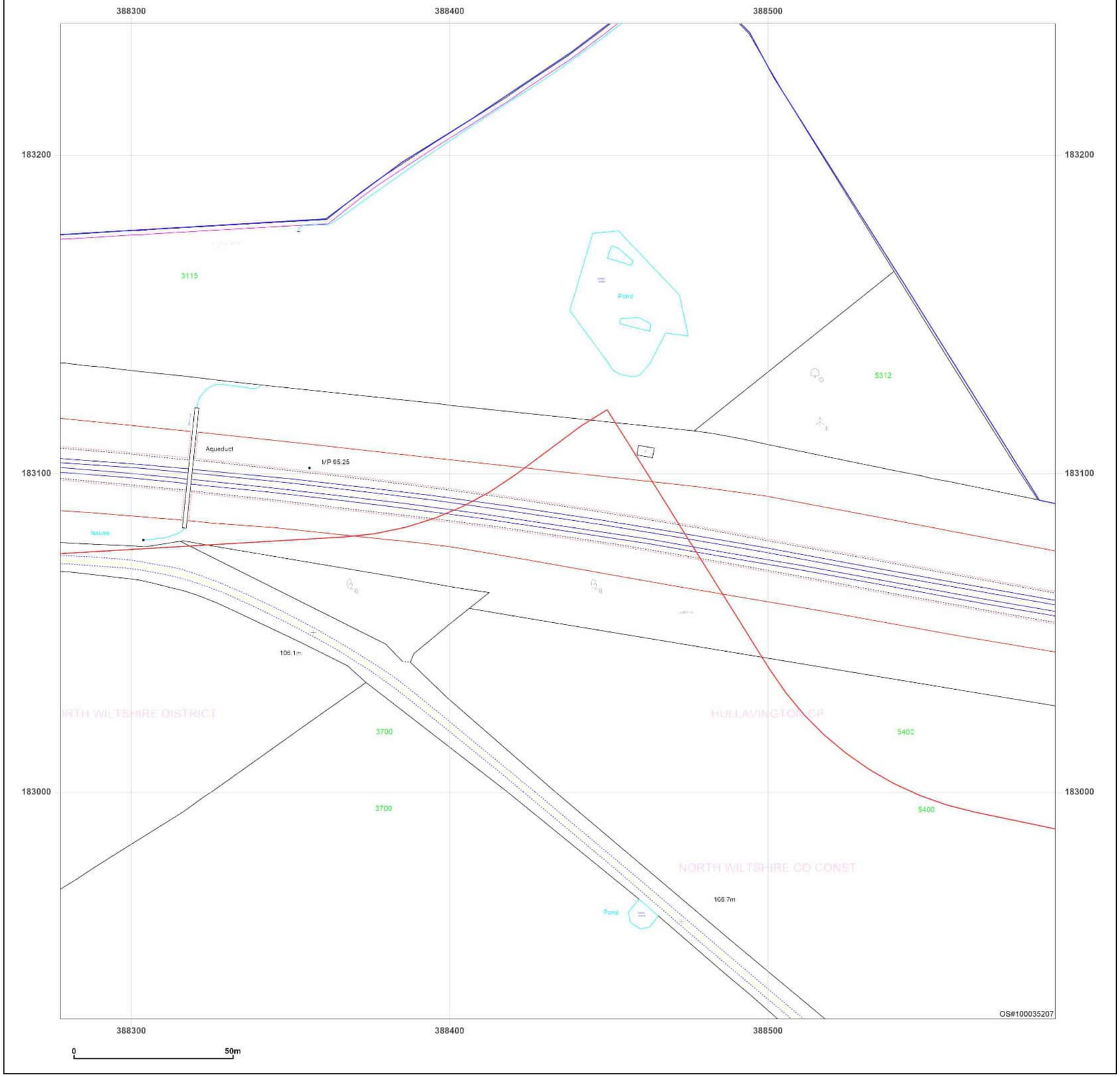


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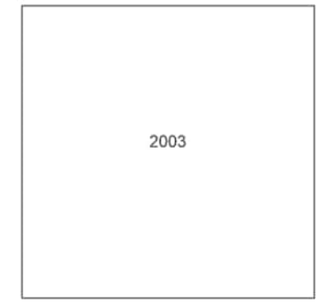


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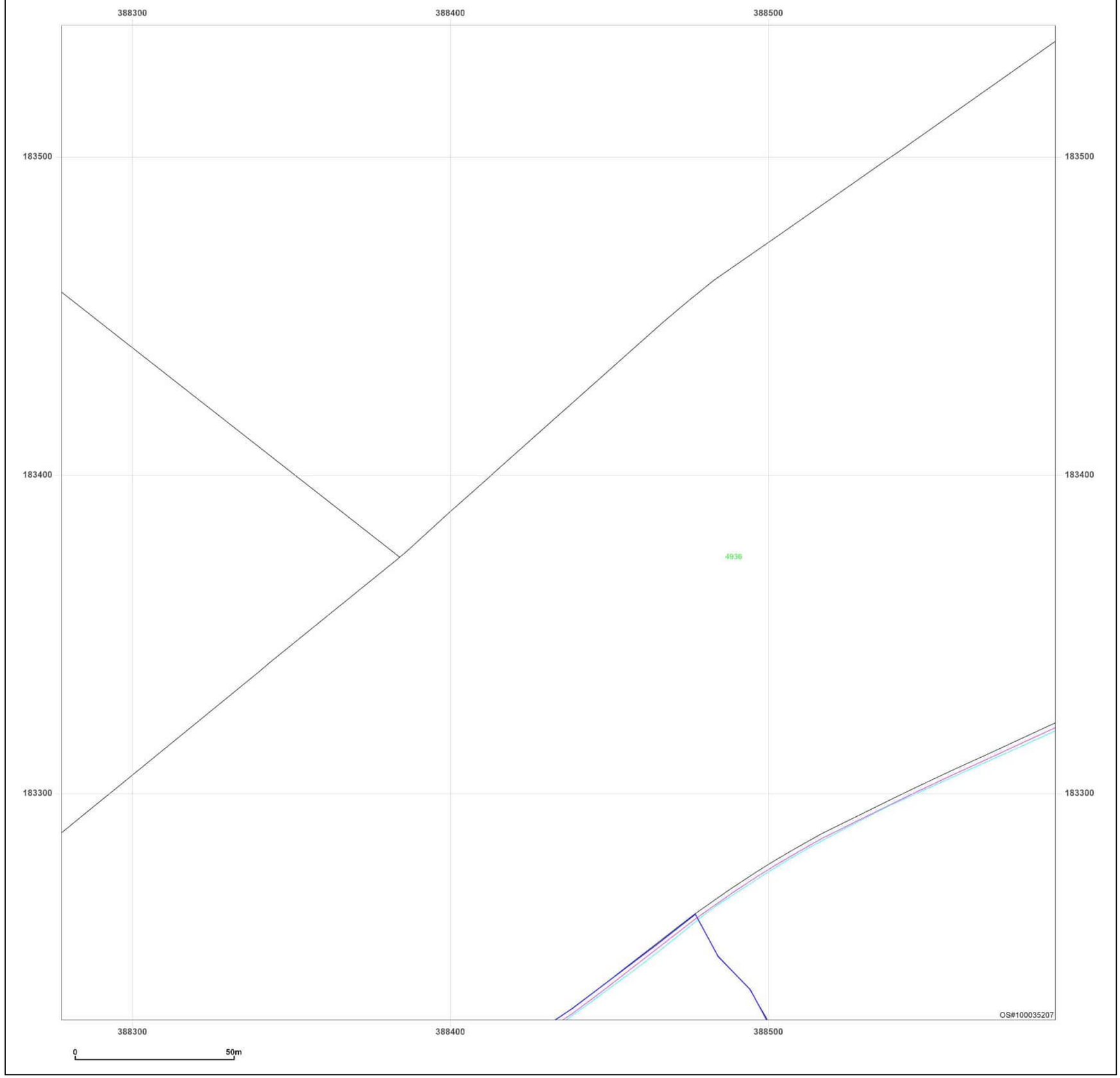


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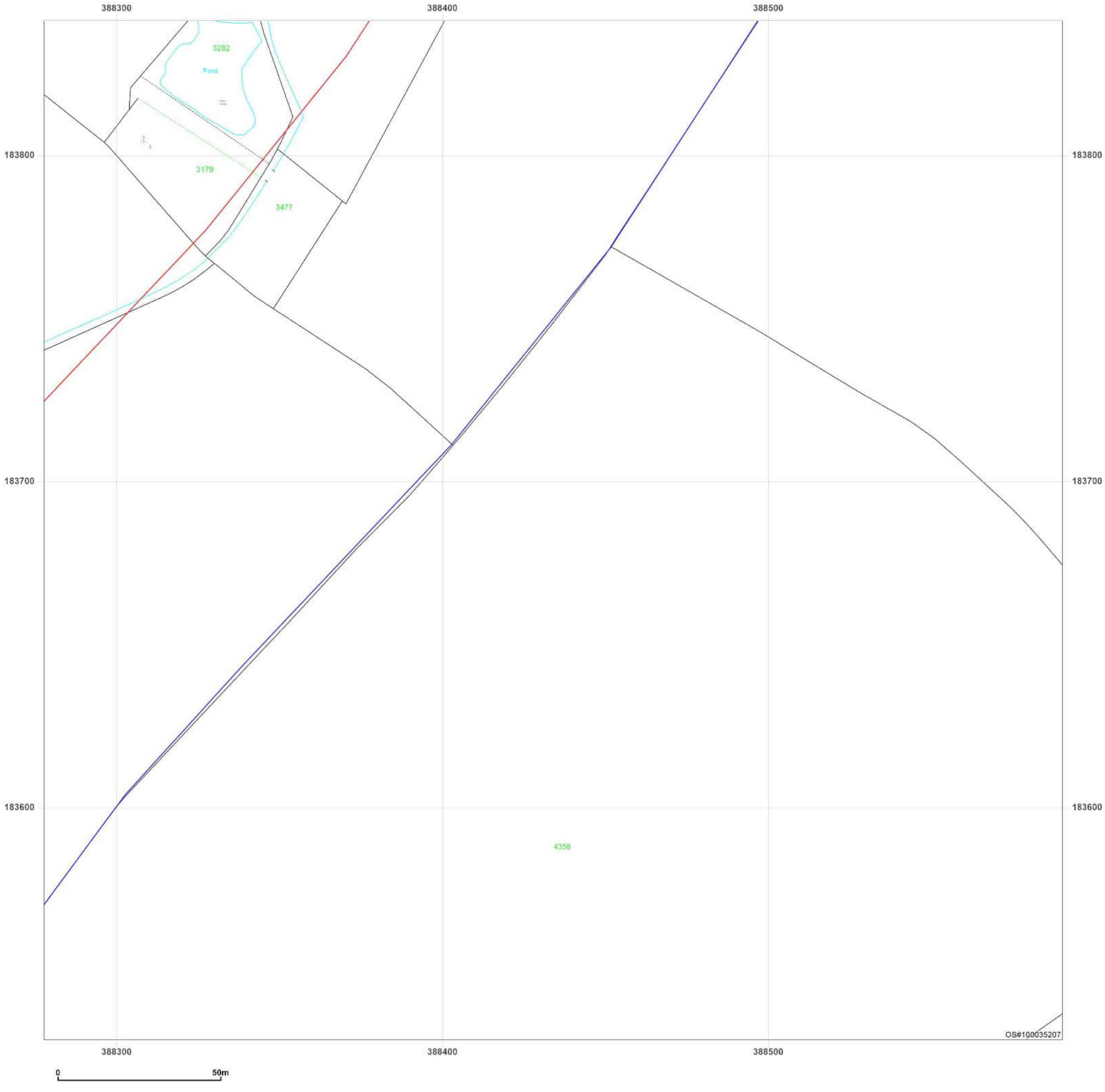


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_2_3
**Grid Ref:** 388434, 183685

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

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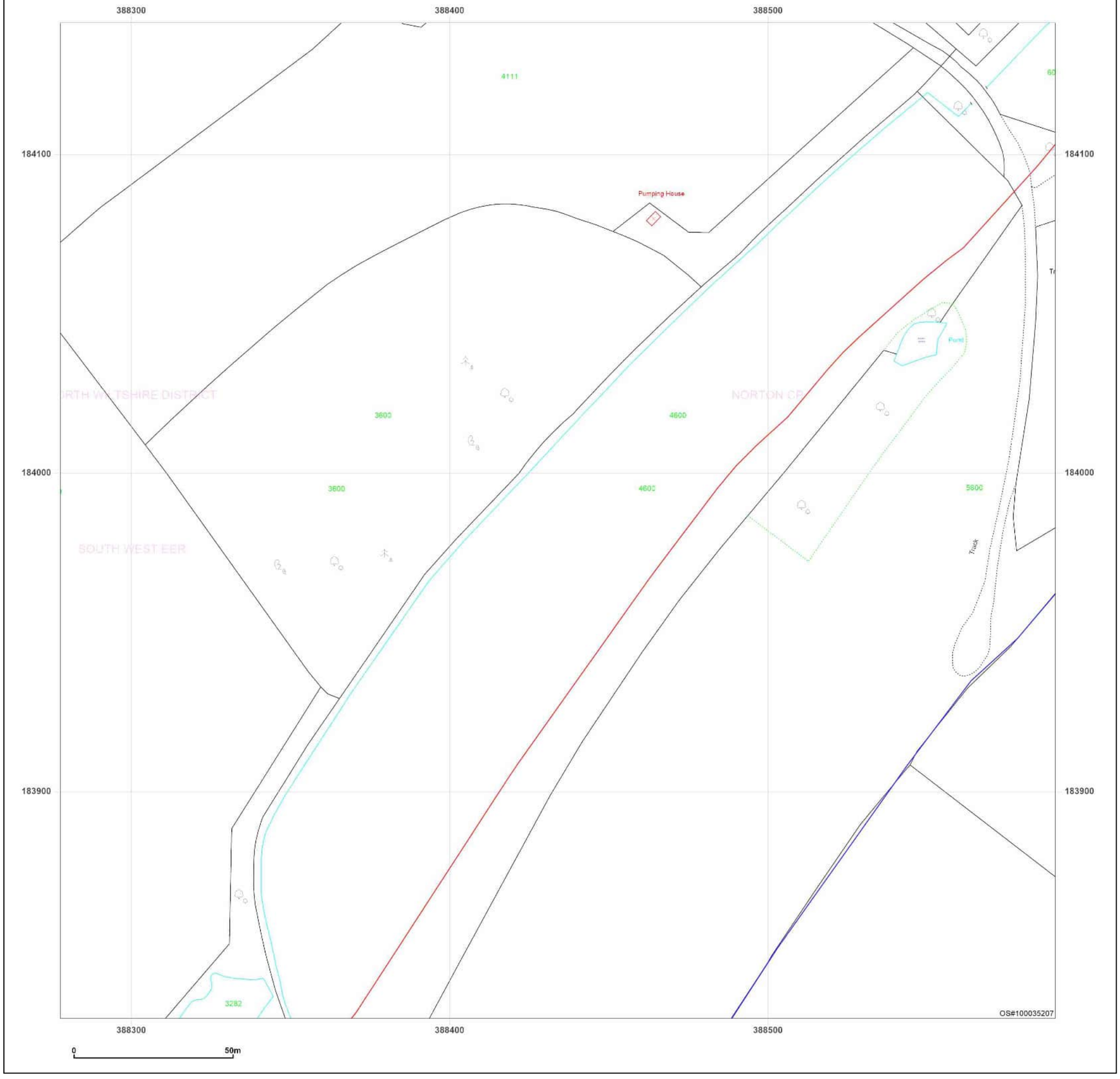


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_2_4
**Grid Ref:** 388434, 183985

**Map Name:** LandLine
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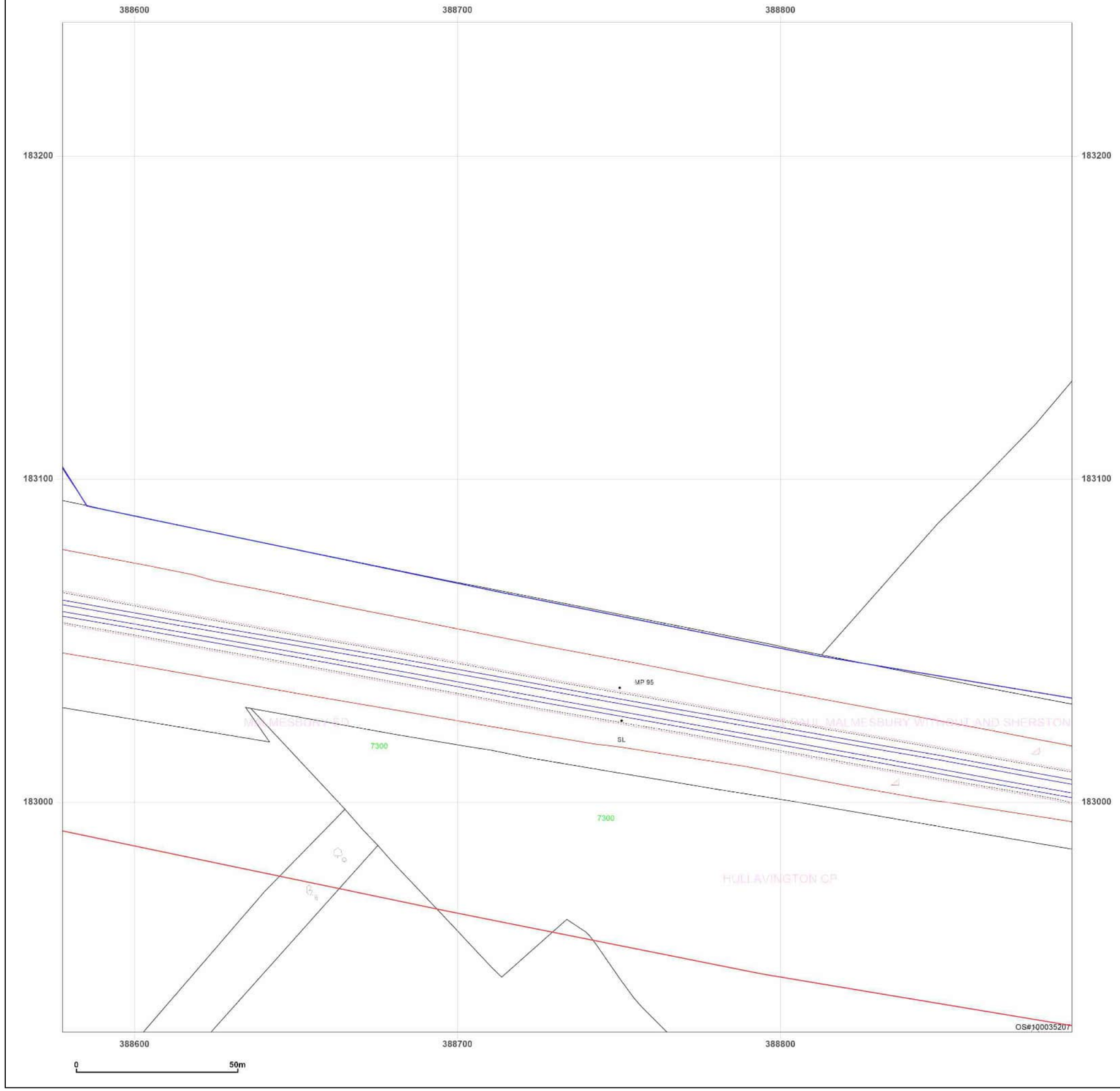


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
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**Grid Ref:** 388734, 183085

**Map Name:** LandLine
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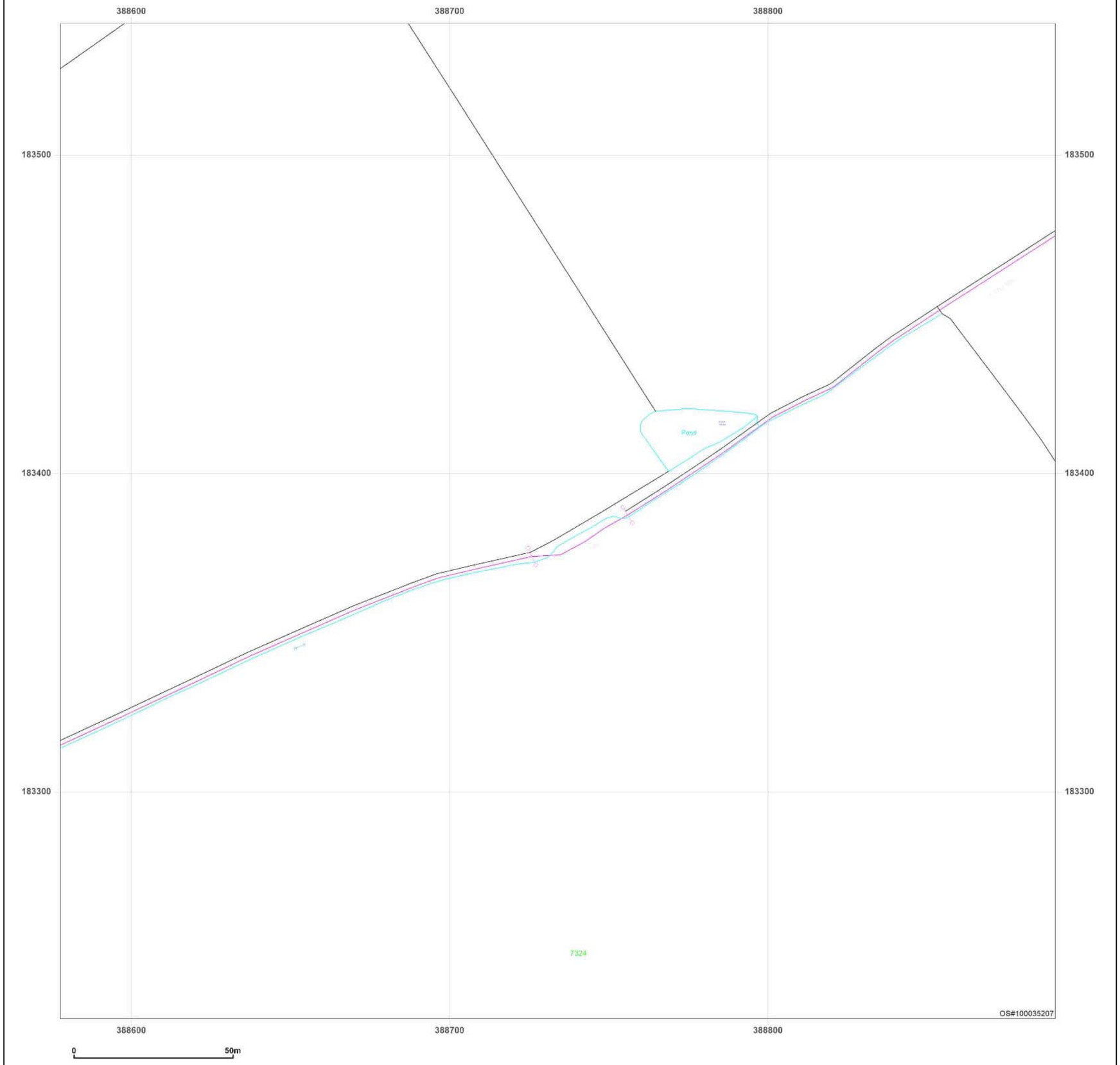


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_3_2
**Grid Ref:** 388734, 183385

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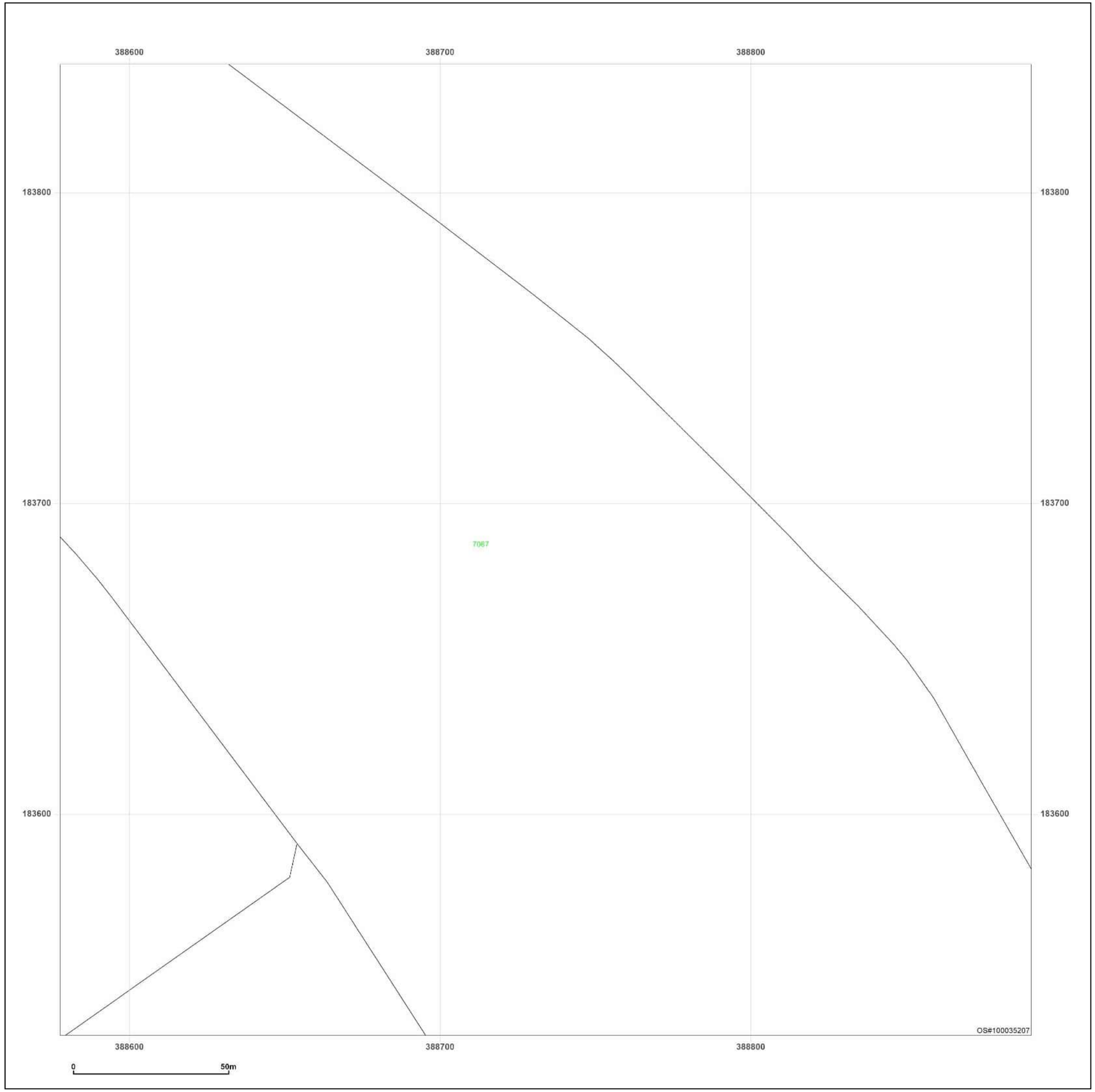


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_3_3
**Grid Ref:** 388734, 183685

**Map Name:** LandLine
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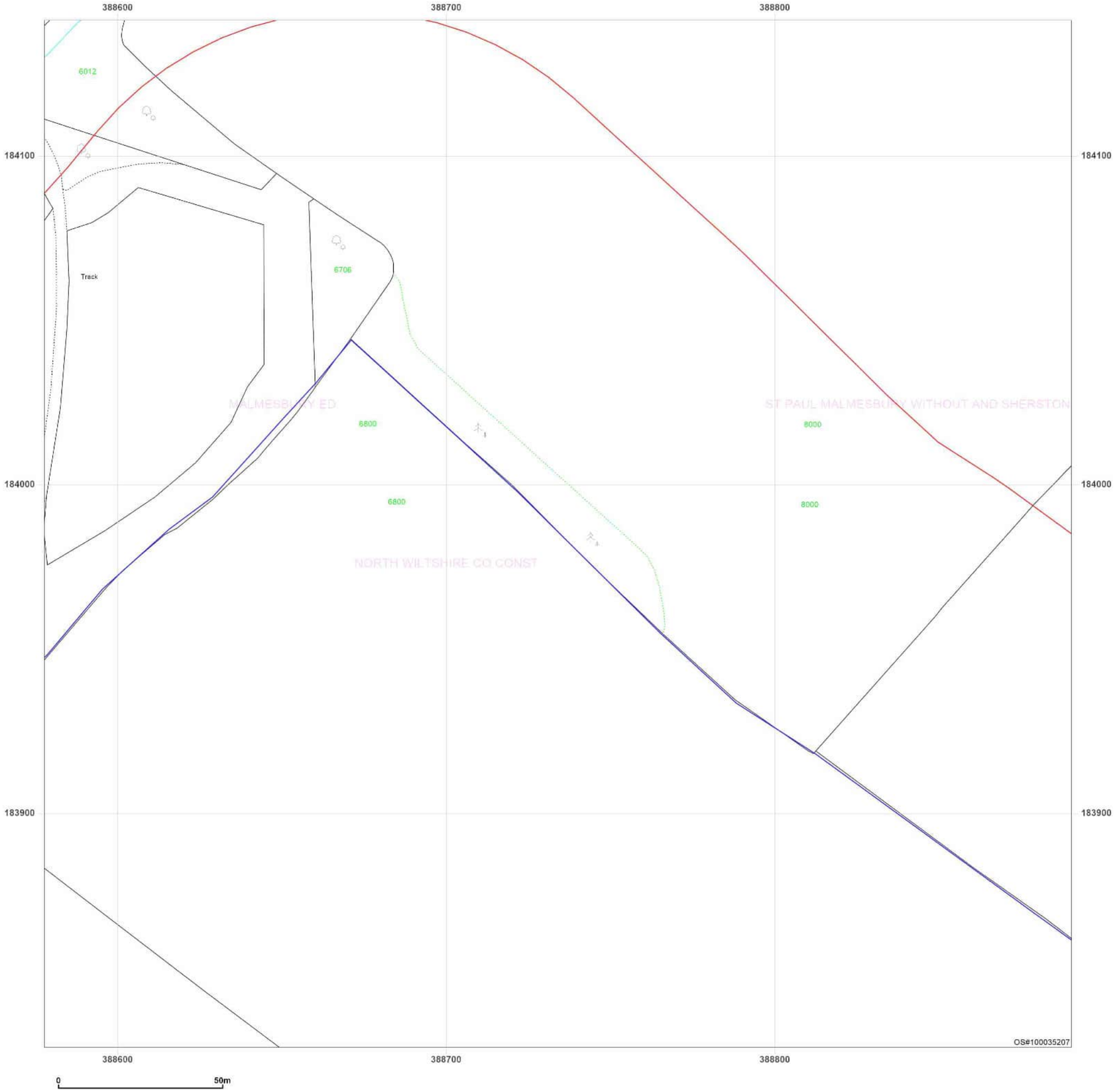


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_3_4
**Grid Ref:** 388734, 183985

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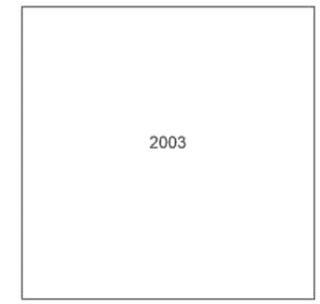


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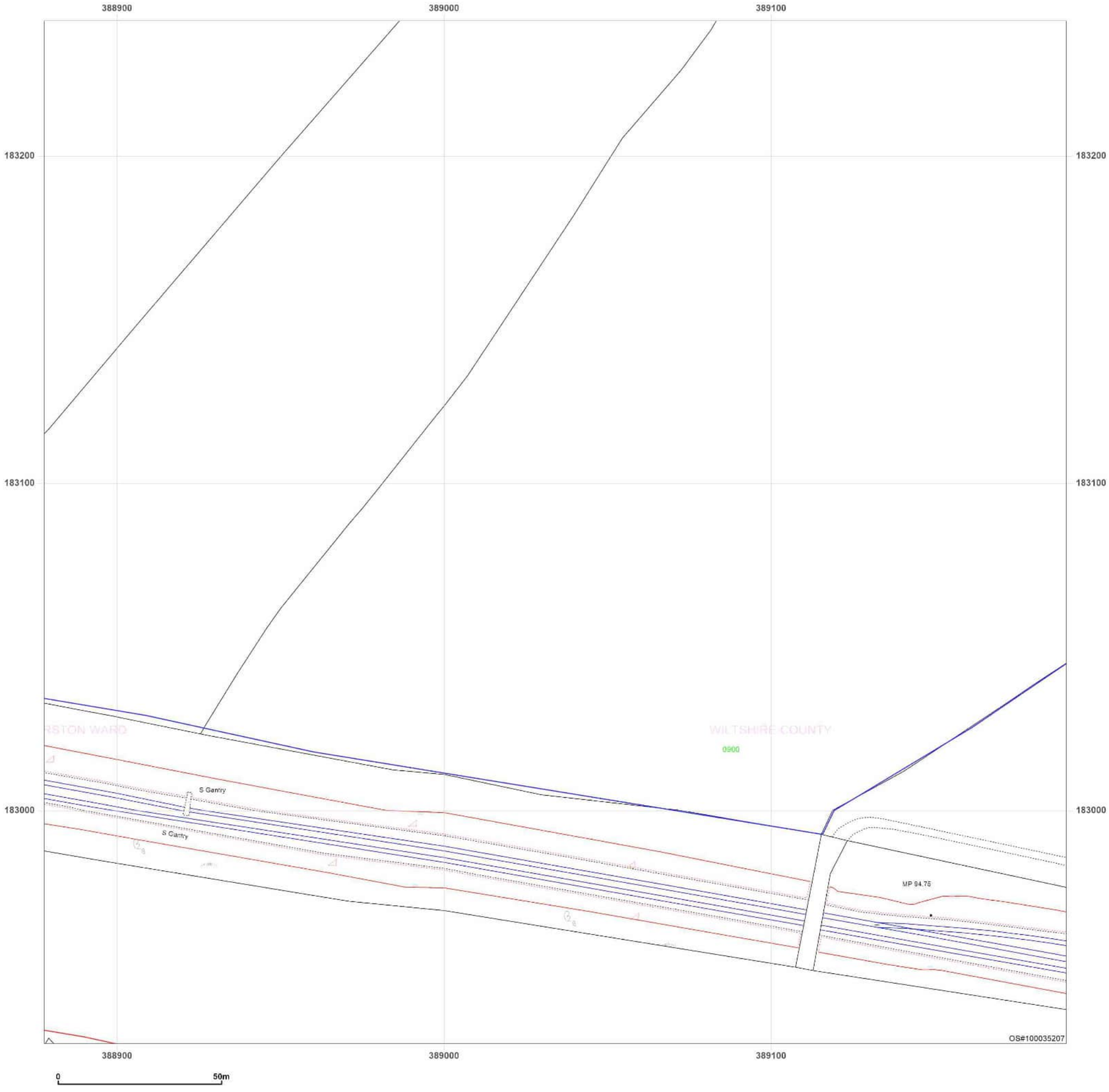


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_4_1
**Grid Ref:** 389034, 183085

**Map Name:** LandLine
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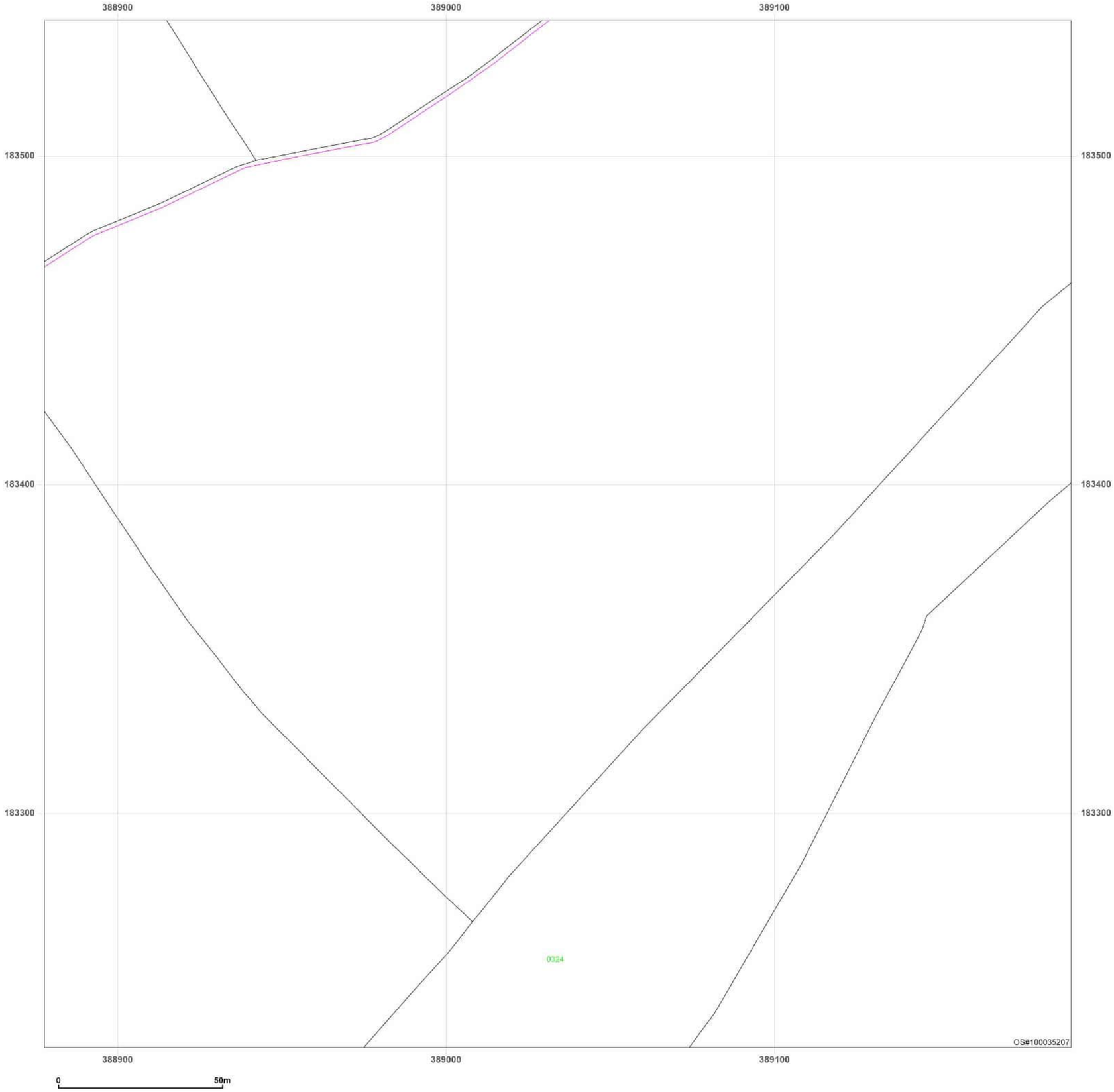


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_4_2
**Grid Ref:** 389034, 183385

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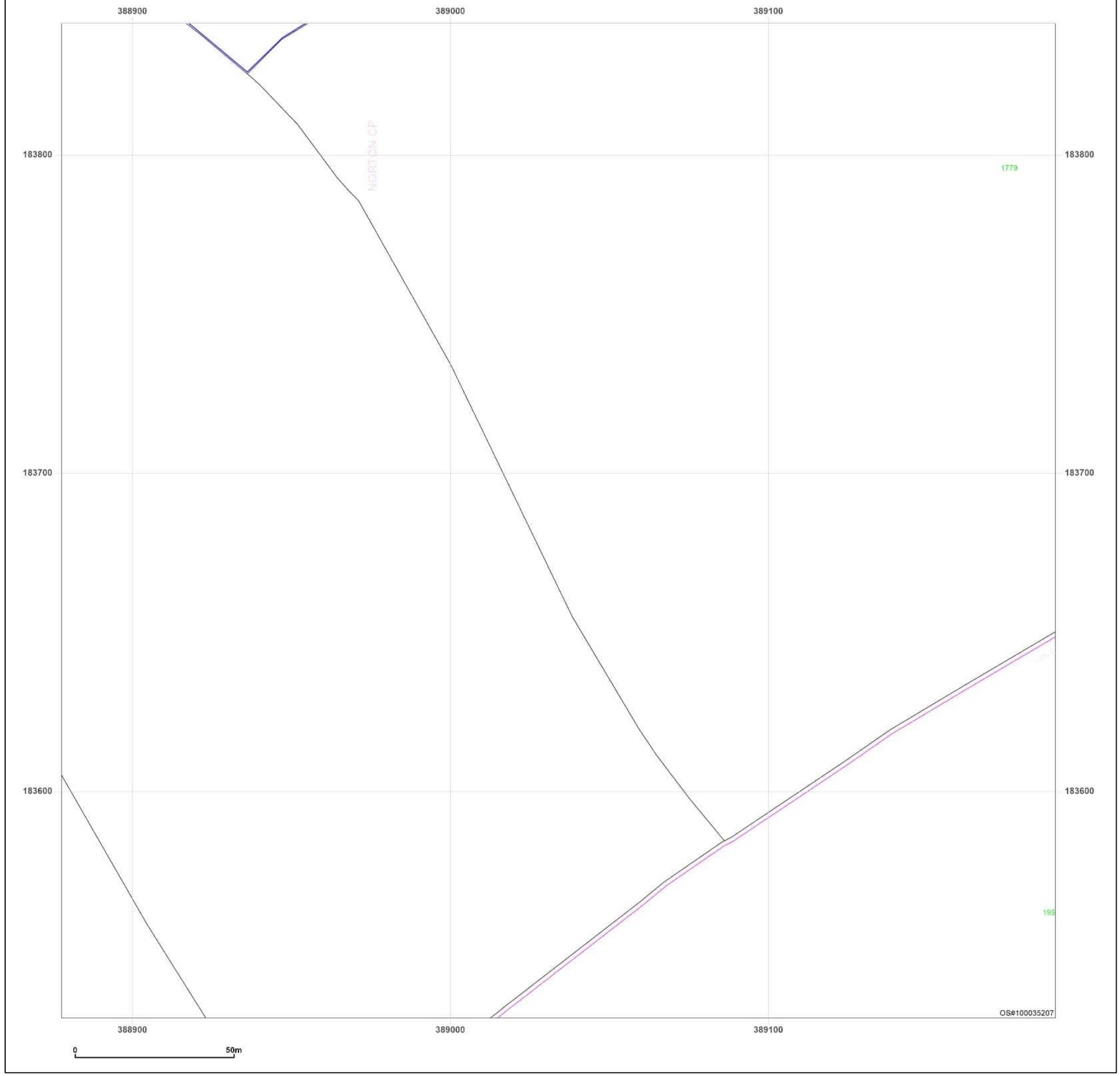


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_4_3
**Grid Ref:** 389034, 183685

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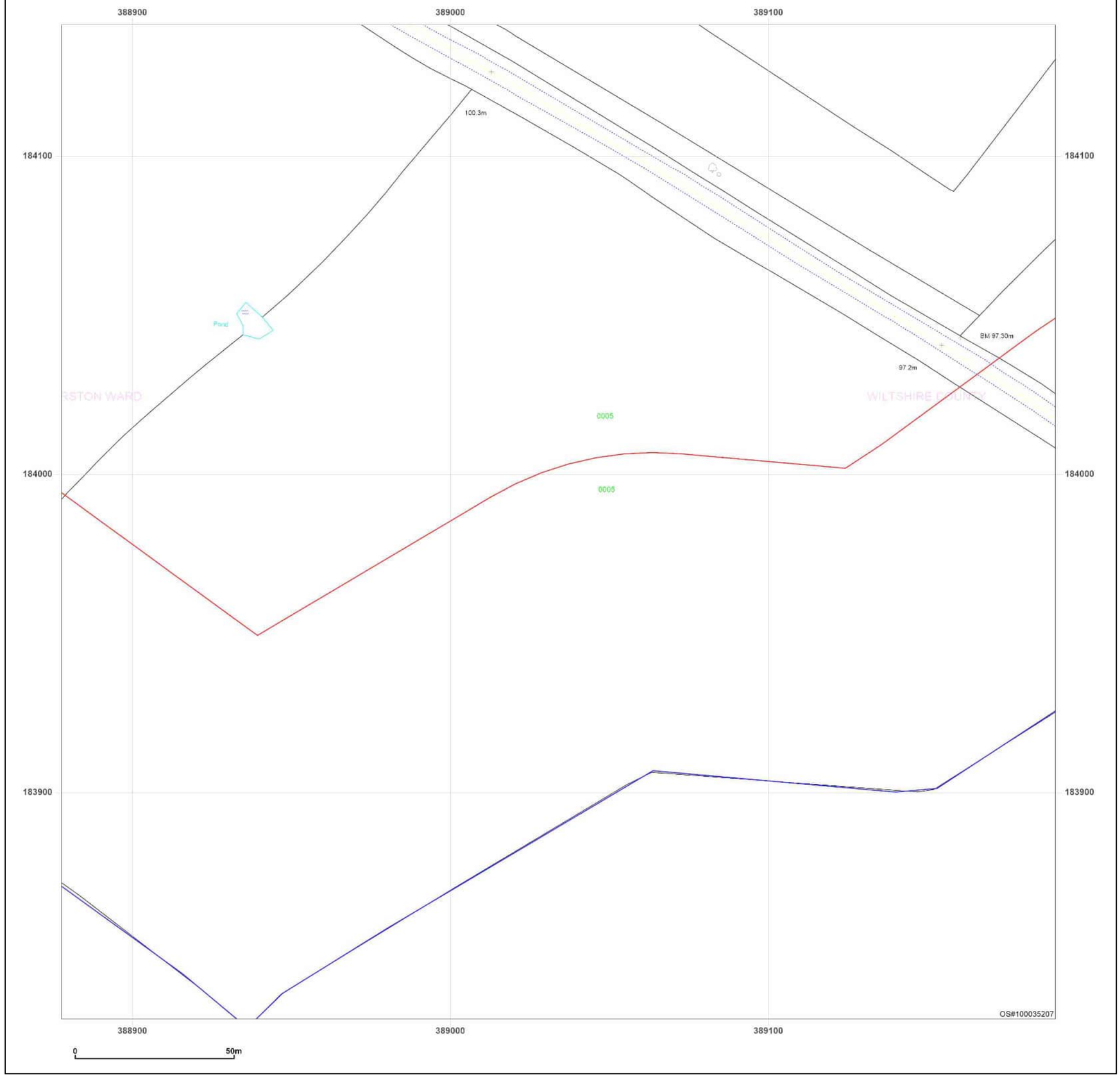


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_4_4
**Grid Ref:** 389034, 183985

**Map Name:** LandLine
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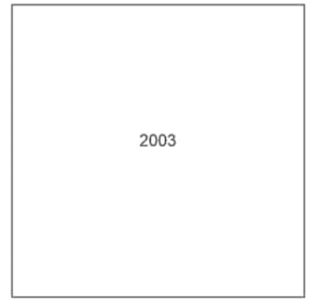


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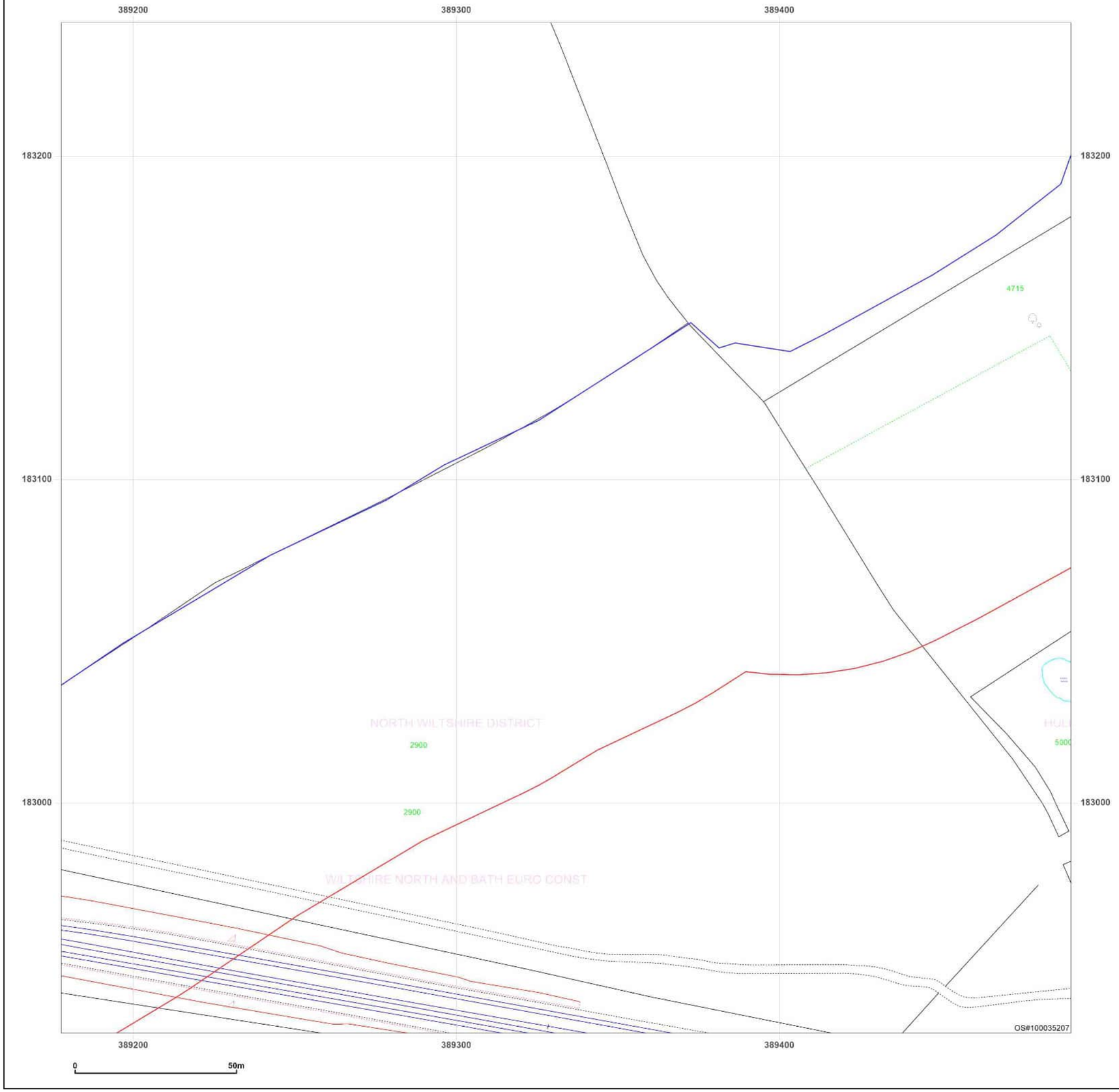


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_5_1
**Grid Ref:** 389334, 183085

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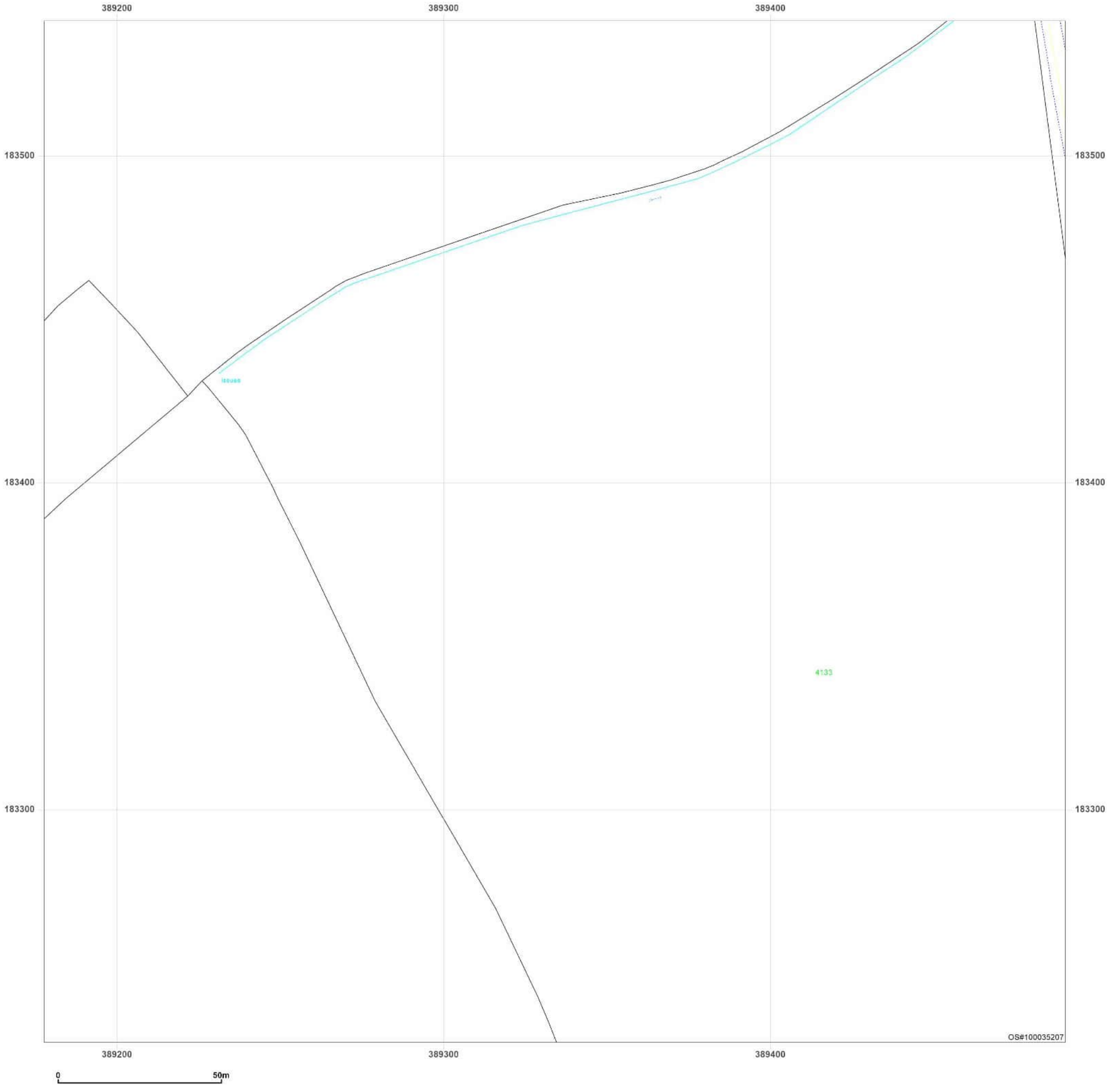


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_5_2
**Grid Ref:** 389334, 183385

**Map Name:** LandLine
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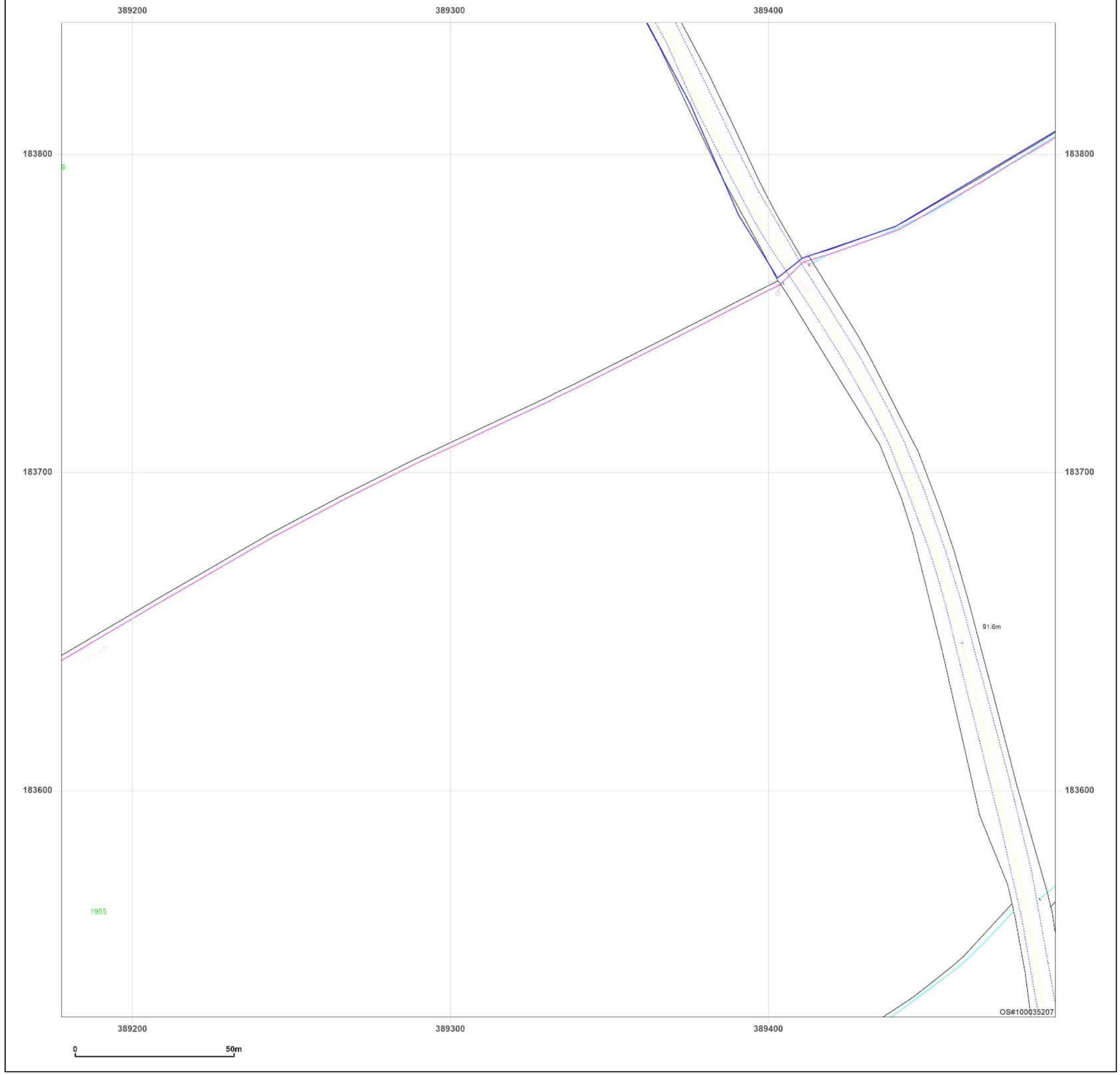


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_5_3
**Grid Ref:** 389334, 183685

**Map Name:** LandLine

**Map date:** **2003**

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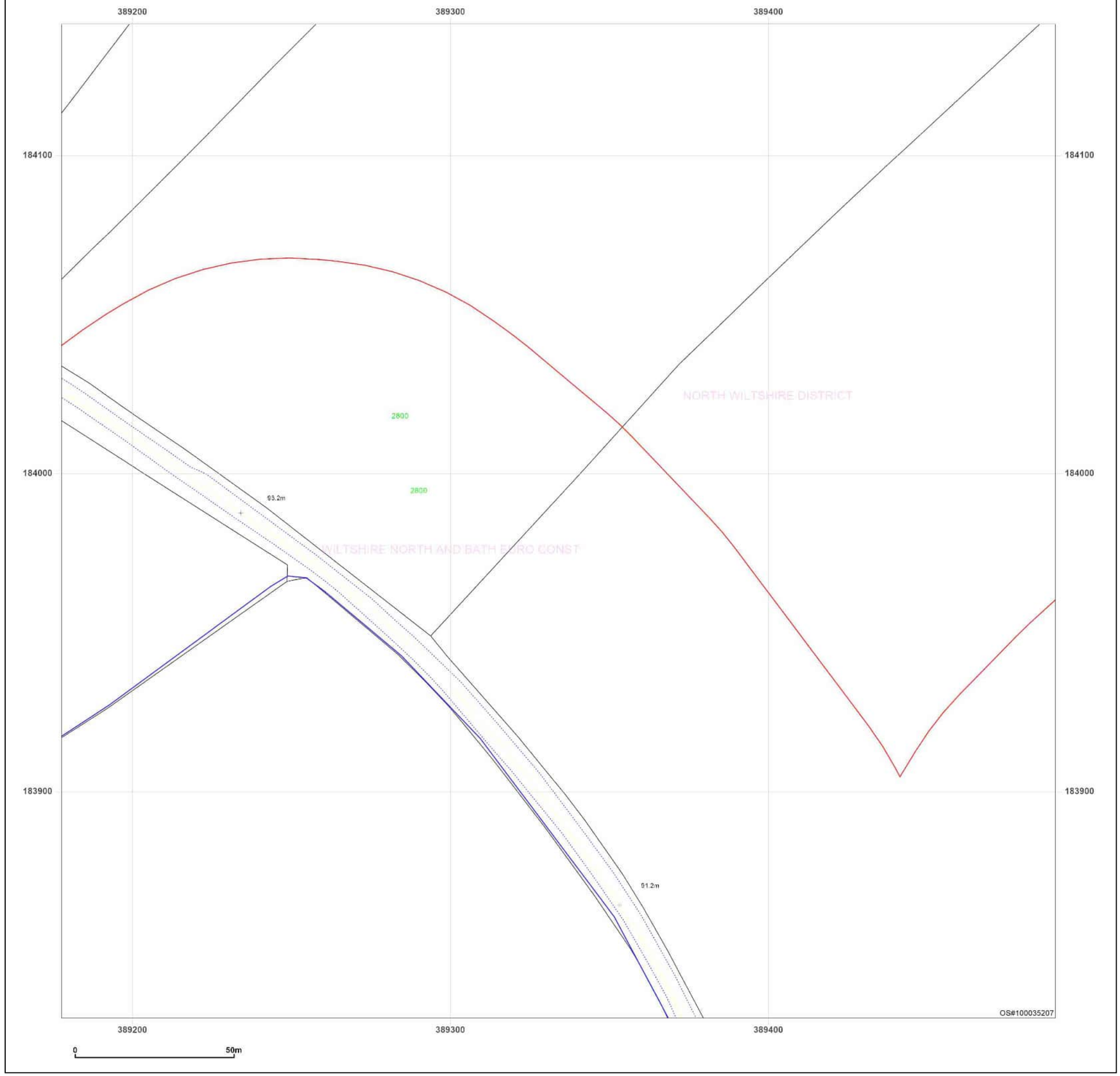


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_5_4
**Grid Ref:** 389334, 183985

**Map Name:** LandLine

**Map date:** **2003**

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_6_1
**Grid Ref:** 389634, 183085

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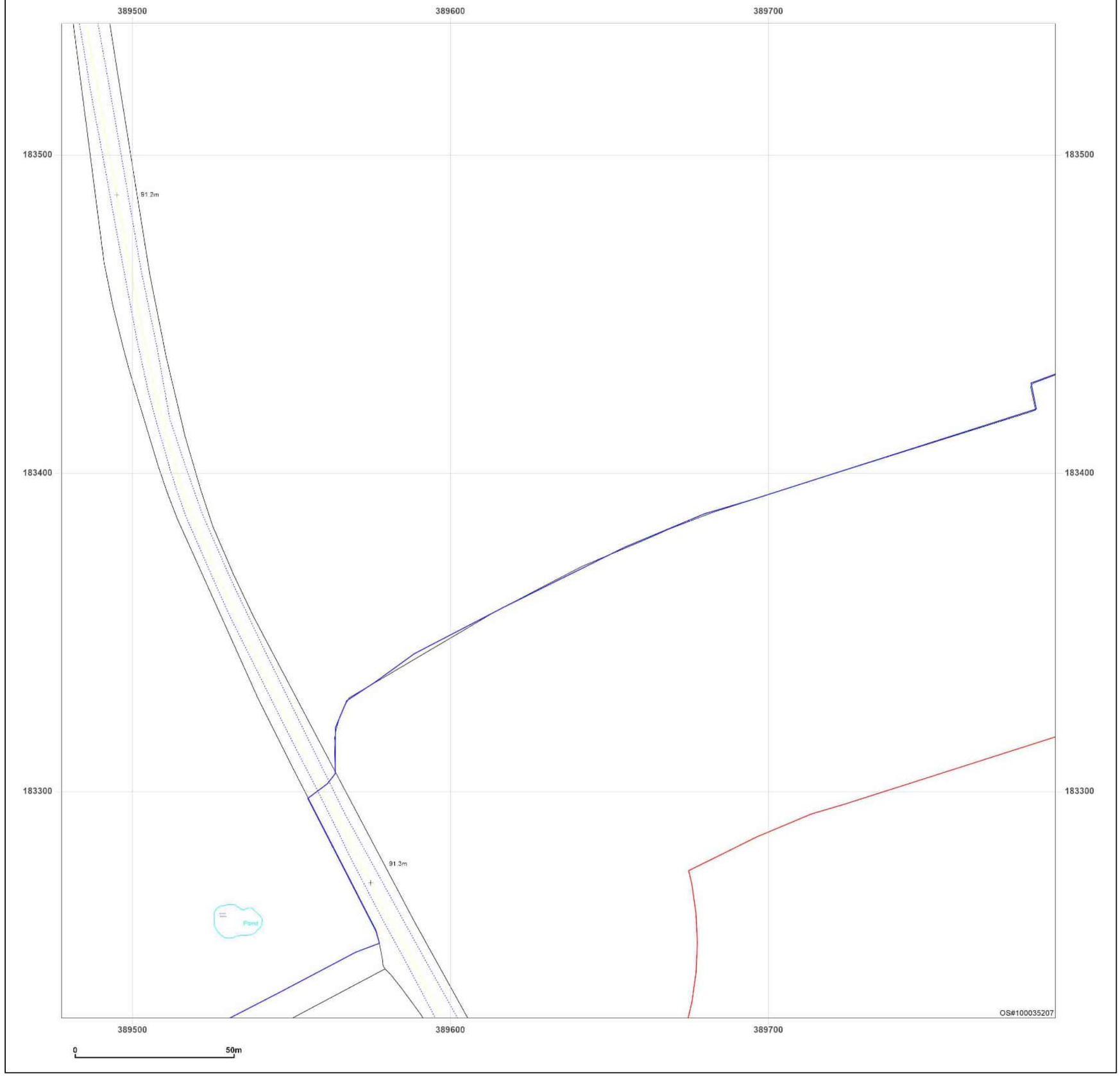


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_6_2
**Grid Ref:** 389634, 183385

**Map Name:** LandLine
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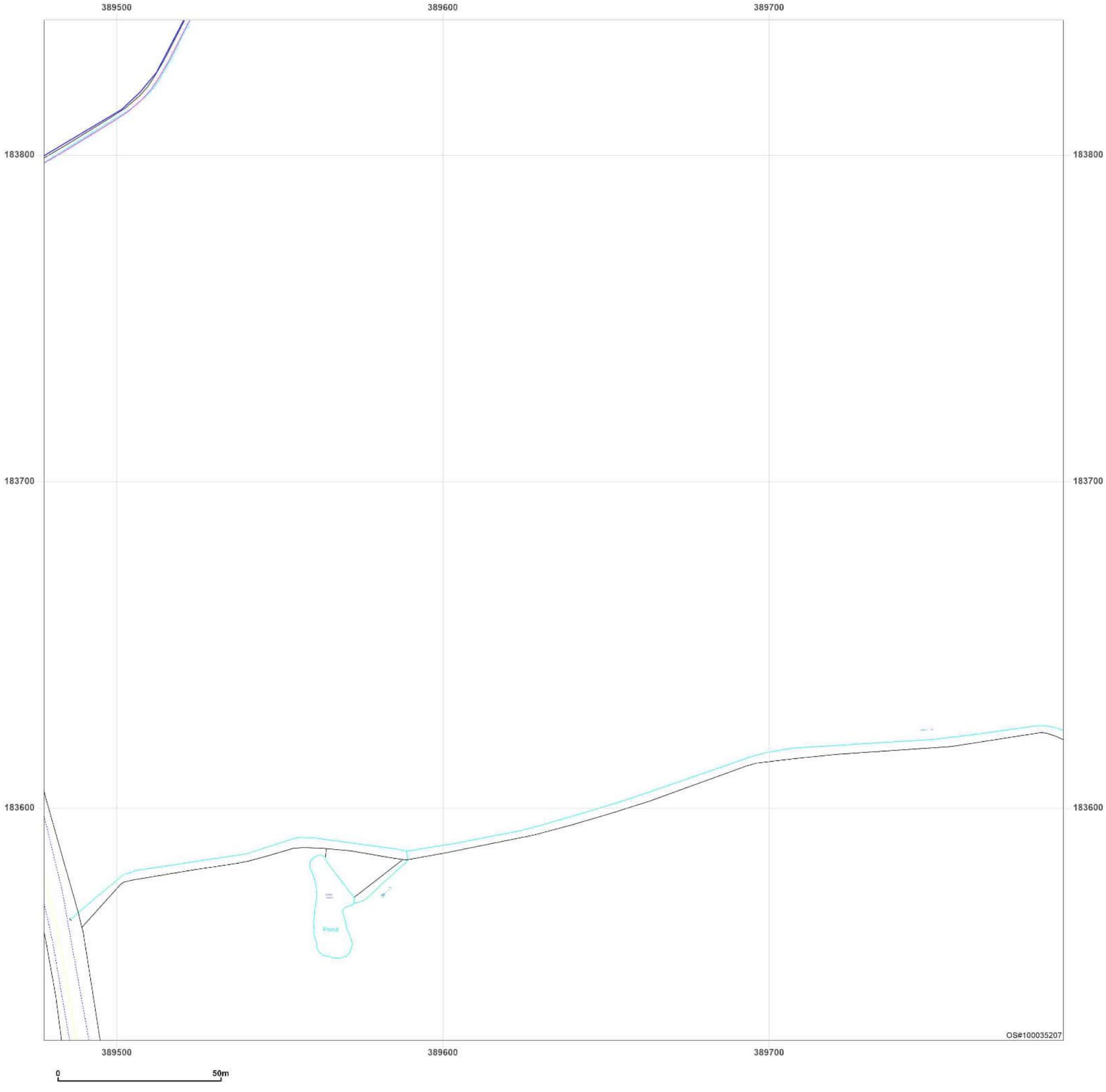


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_6_3
**Grid Ref:** 389634, 183685

**Map Name:** LandLine

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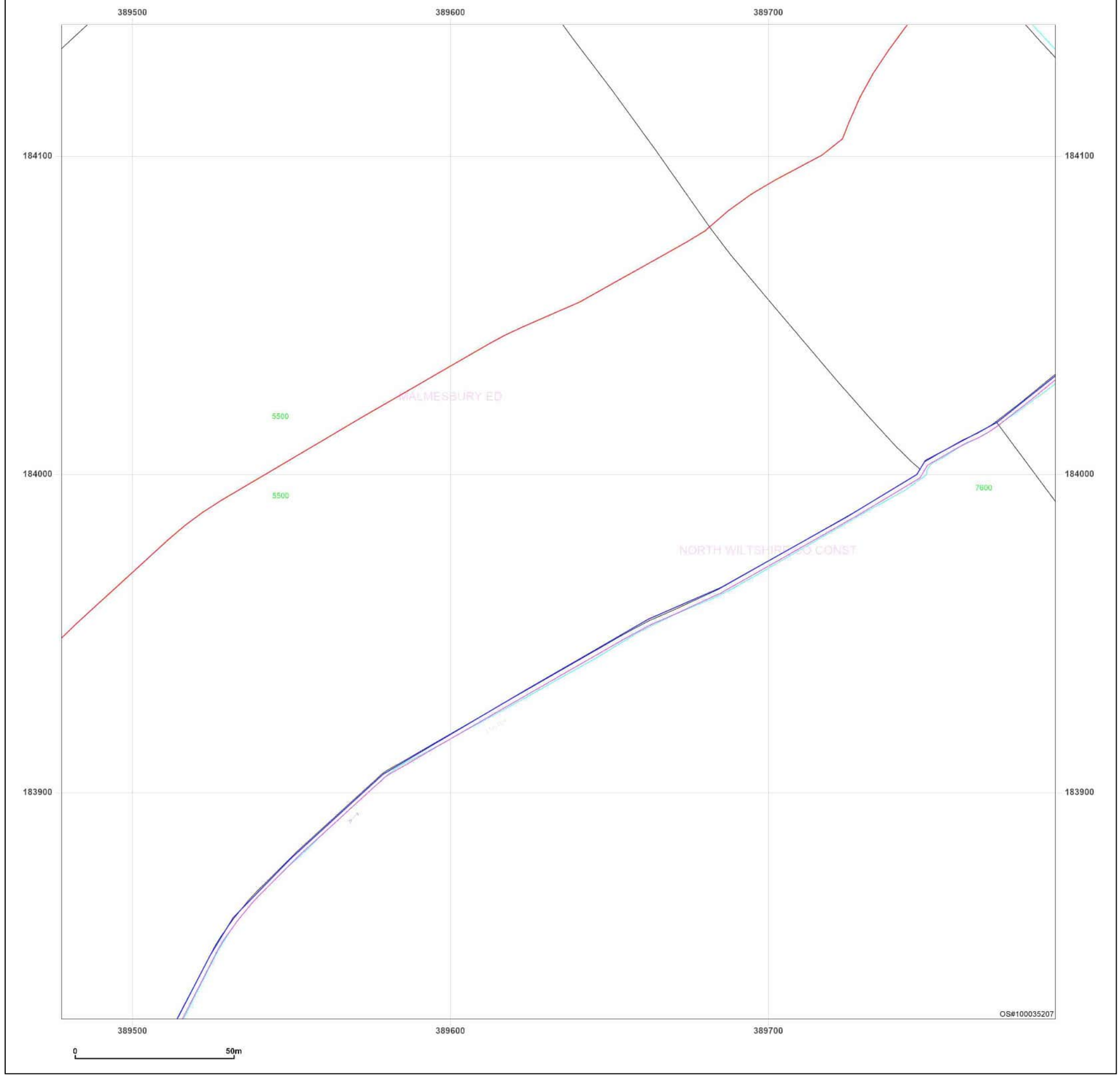


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**Site Details:**

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**Client Ref:** 610027326
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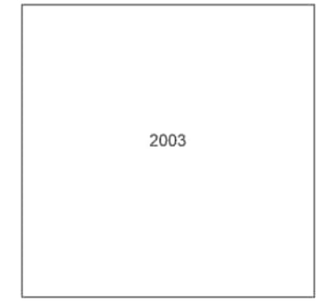


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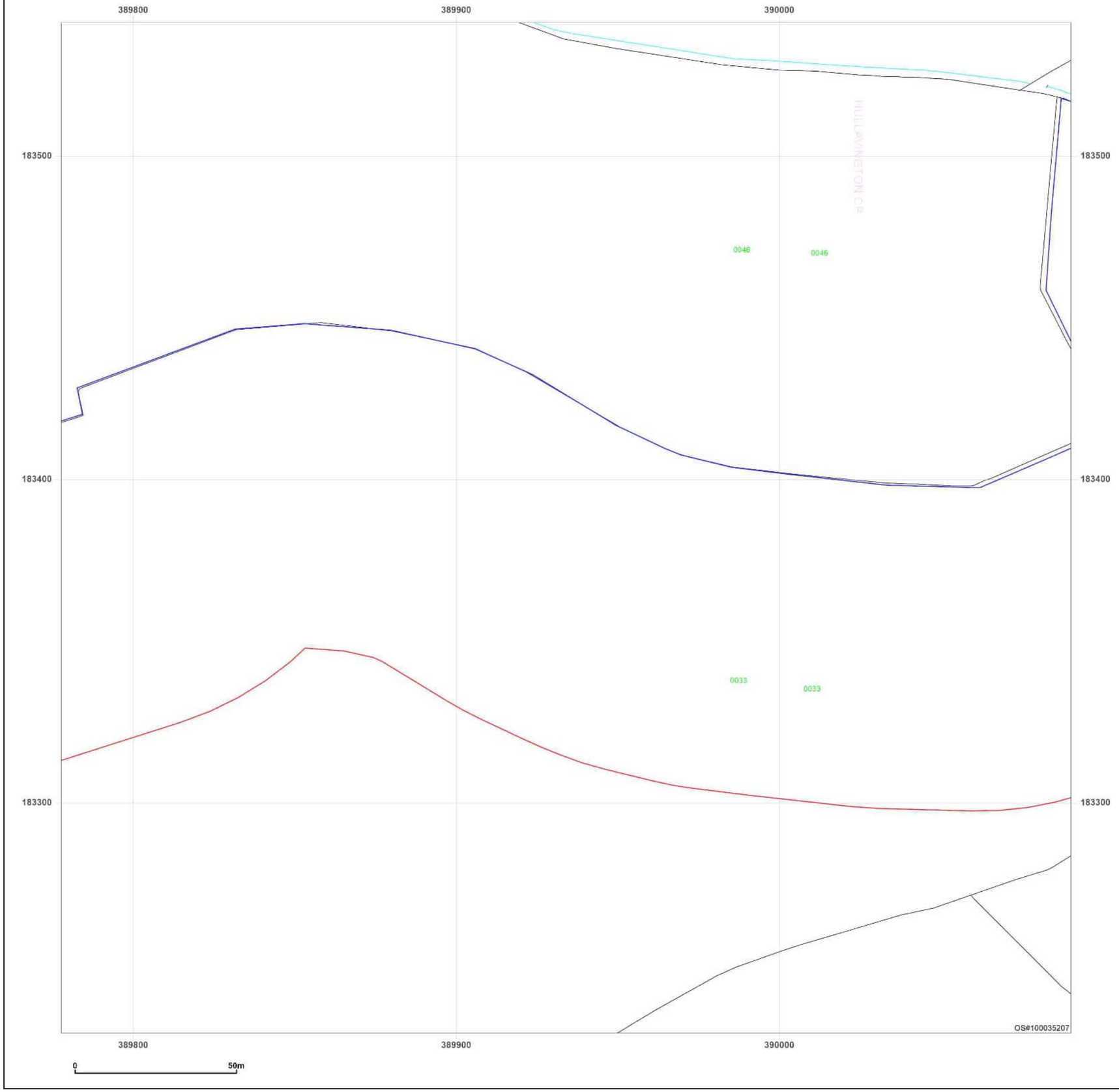


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_7_2
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**Map date:** **2003**
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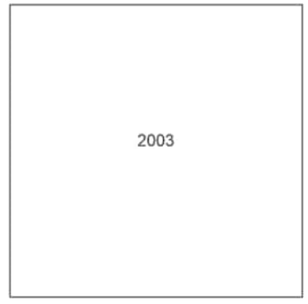


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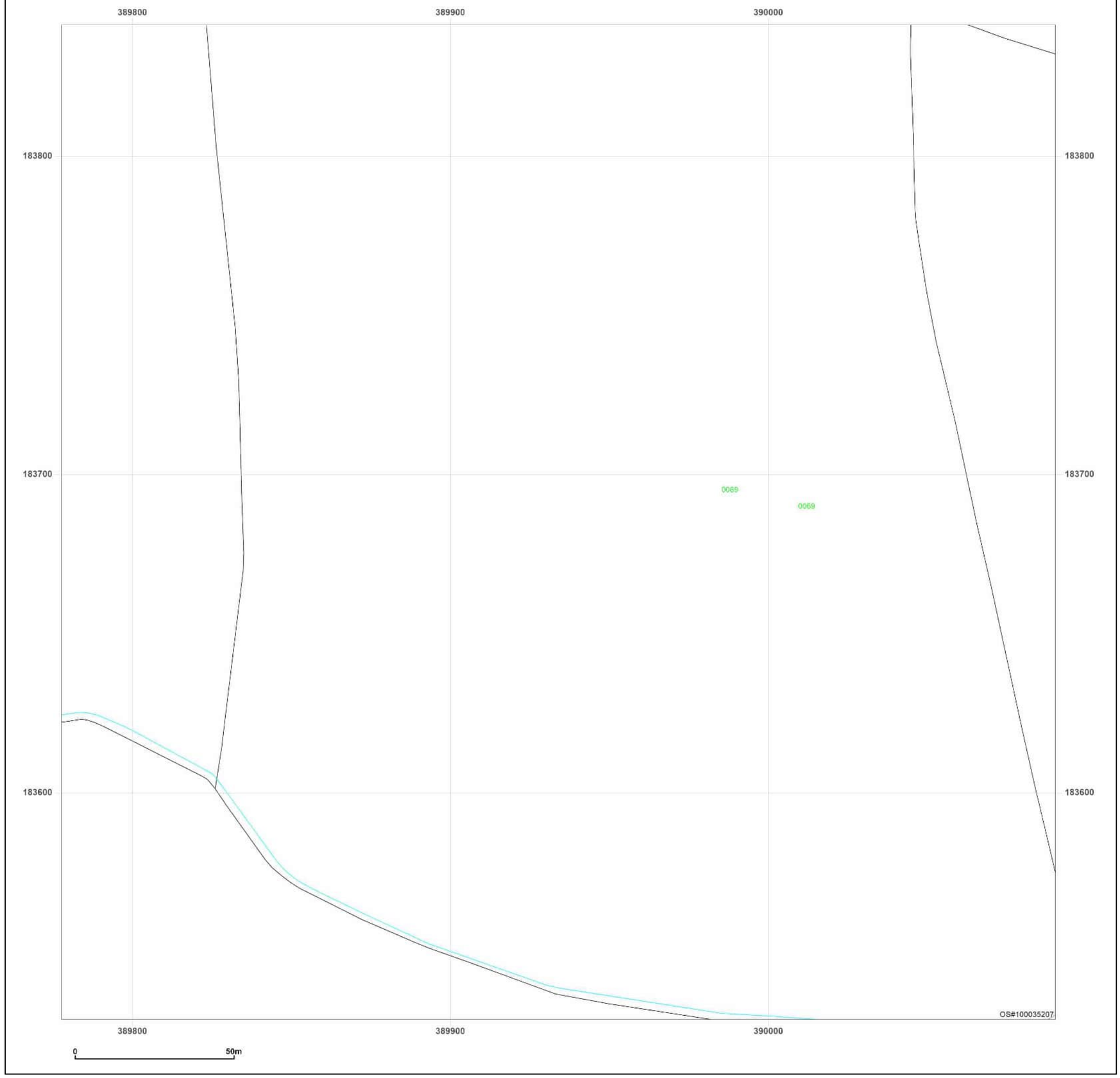


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_7_3
**Grid Ref:** 389934, 183685

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

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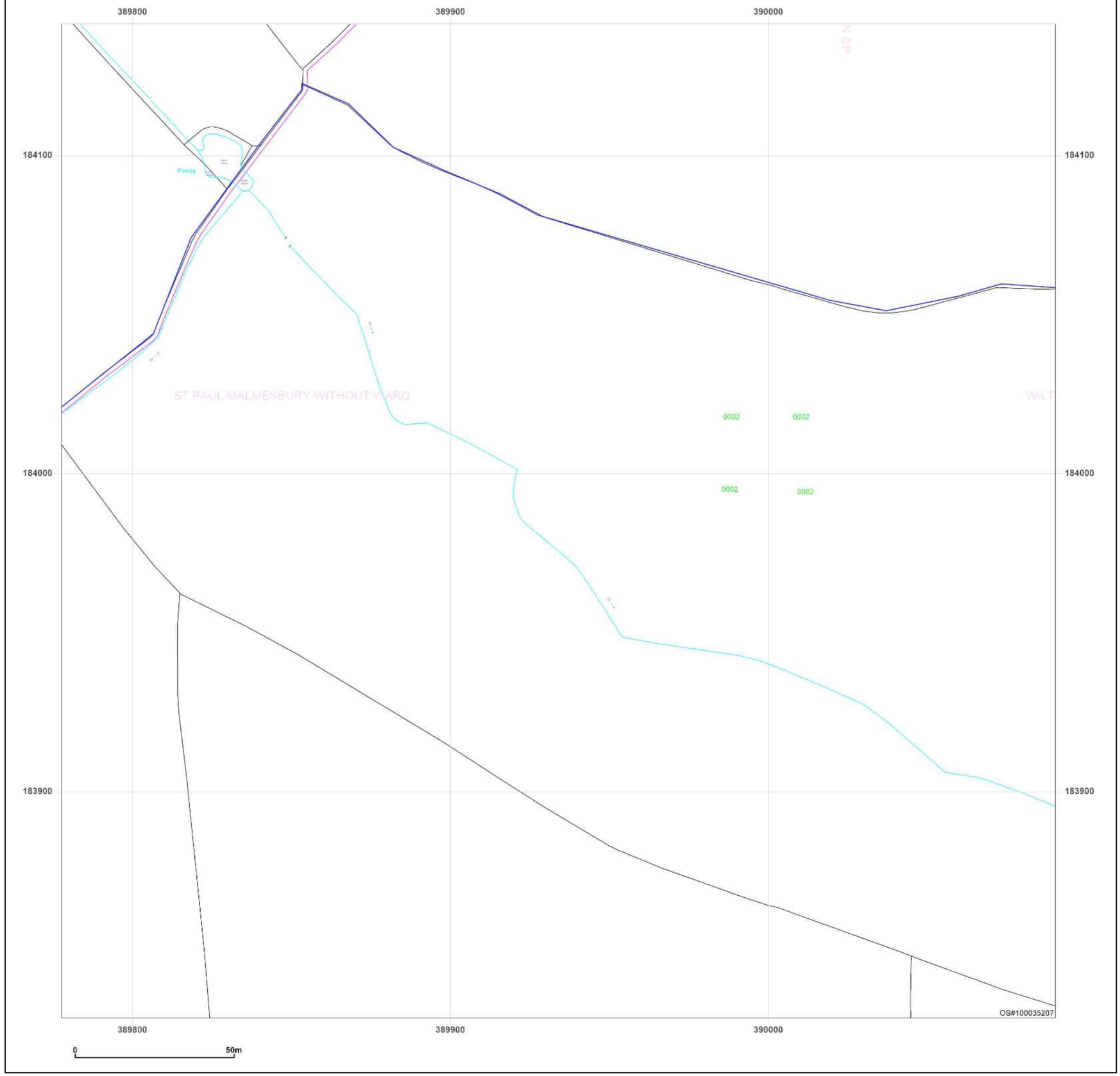


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_7_4
**Grid Ref:** 389934, 183985

**Map Name:** LandLine

**Map date:** **2003**

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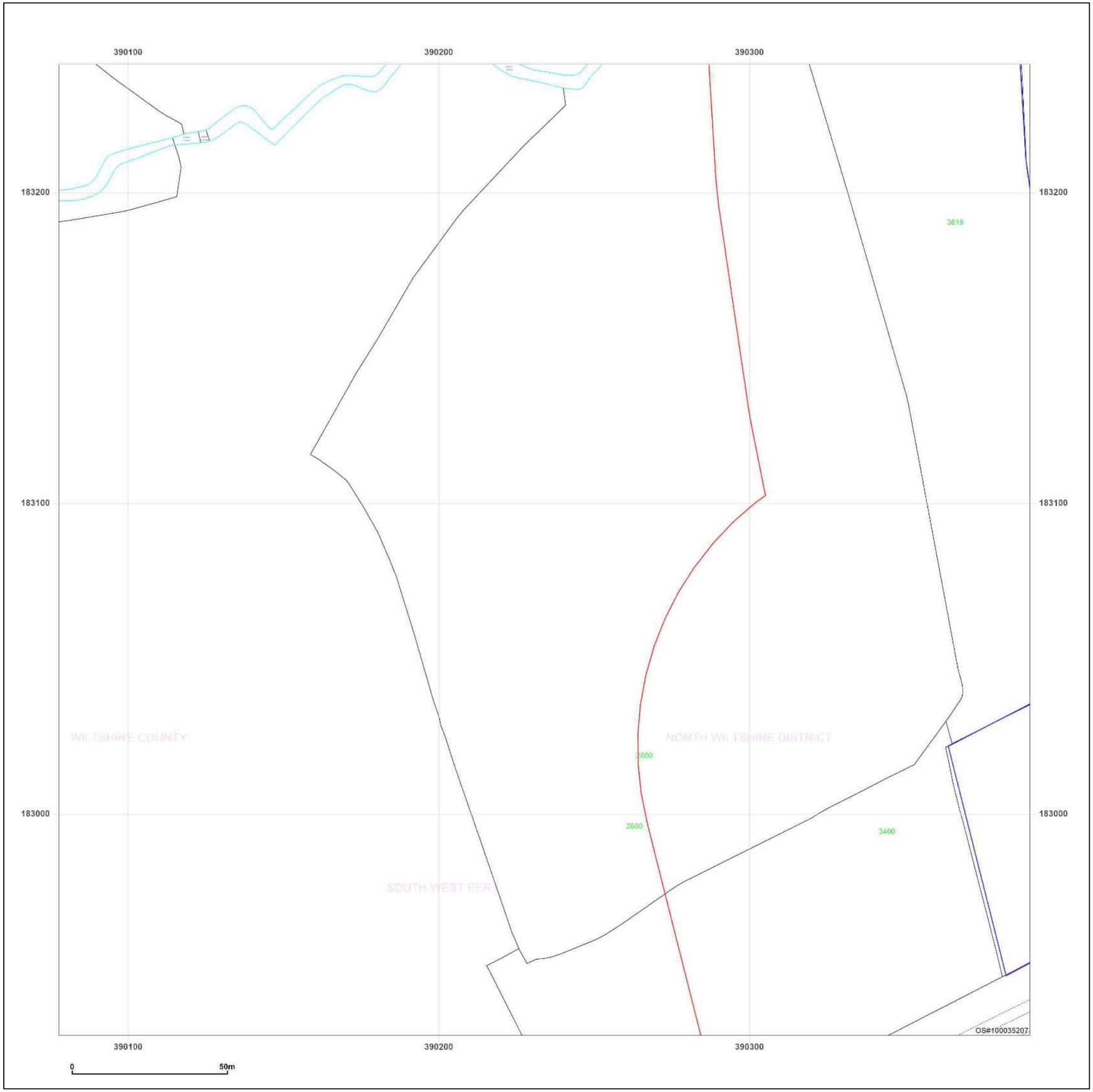


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**Site Details:**

Lime Down Site D

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**Grid Ref:** 390234, 183085

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

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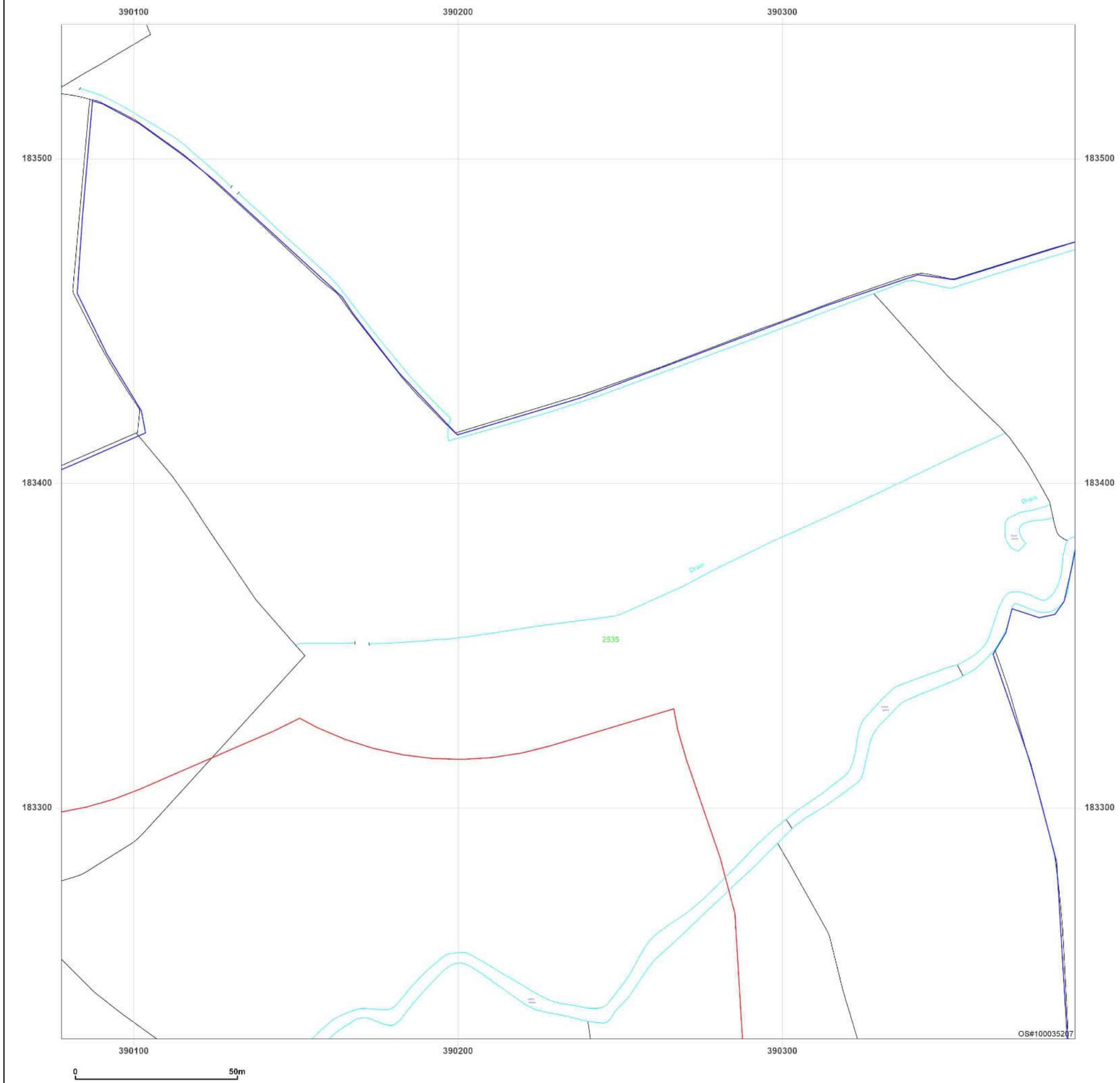


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_8_2
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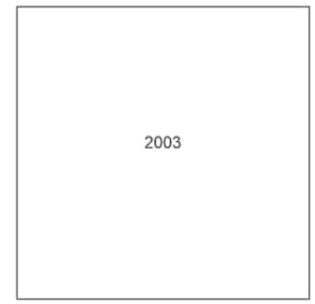


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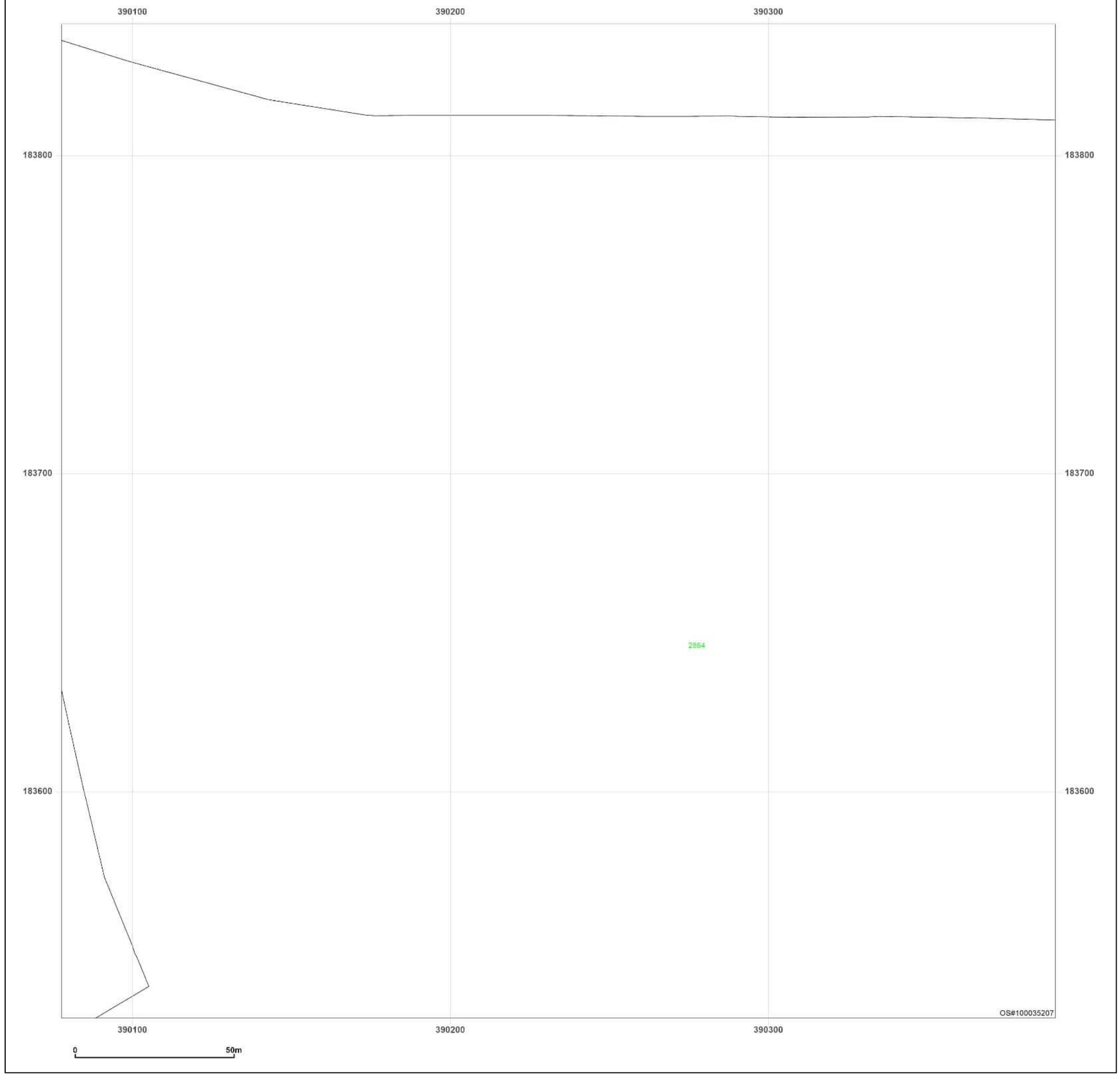


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_8_3
**Grid Ref:** 390234, 183685

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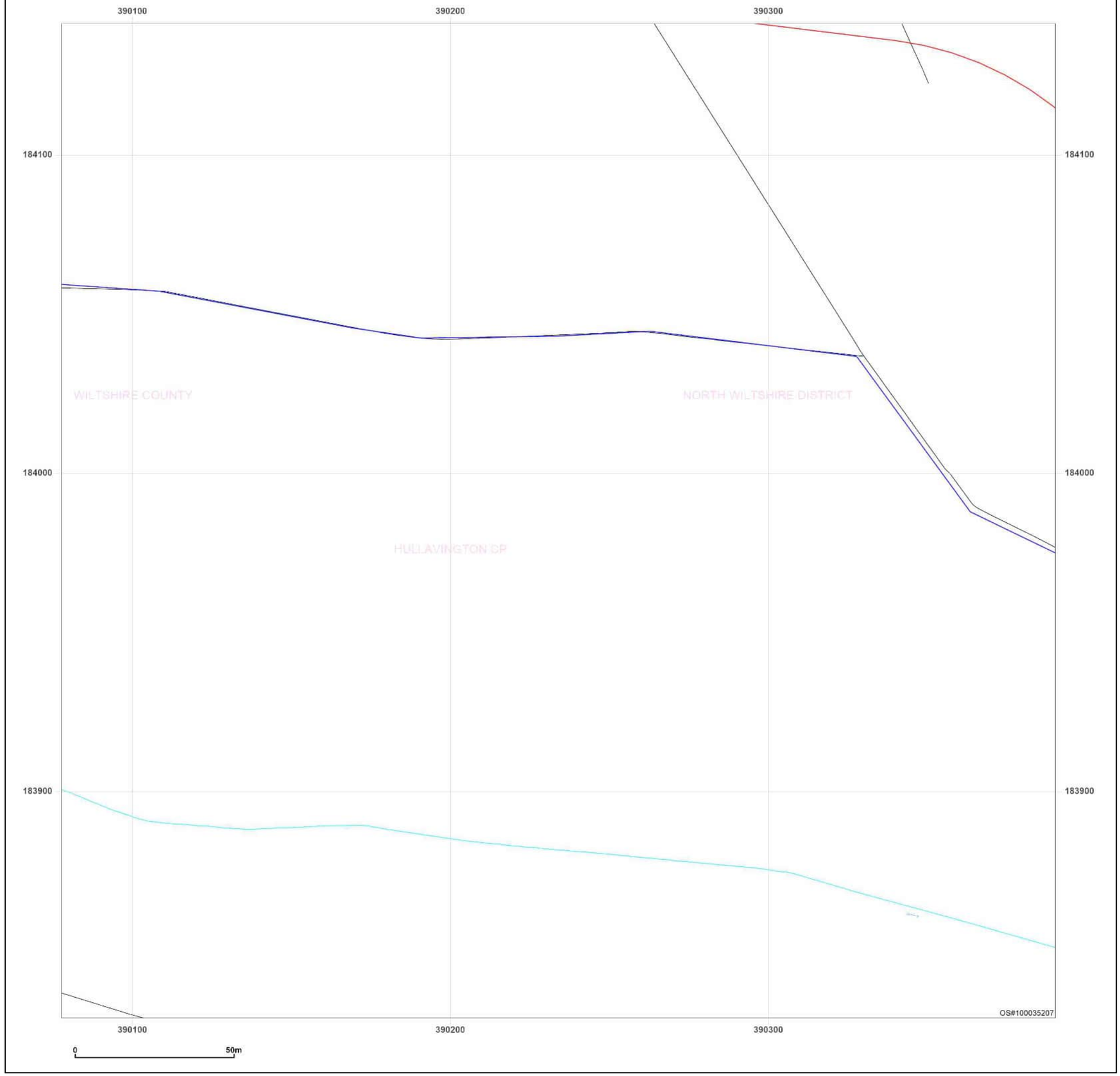


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_8_4
**Grid Ref:** 390234, 183985

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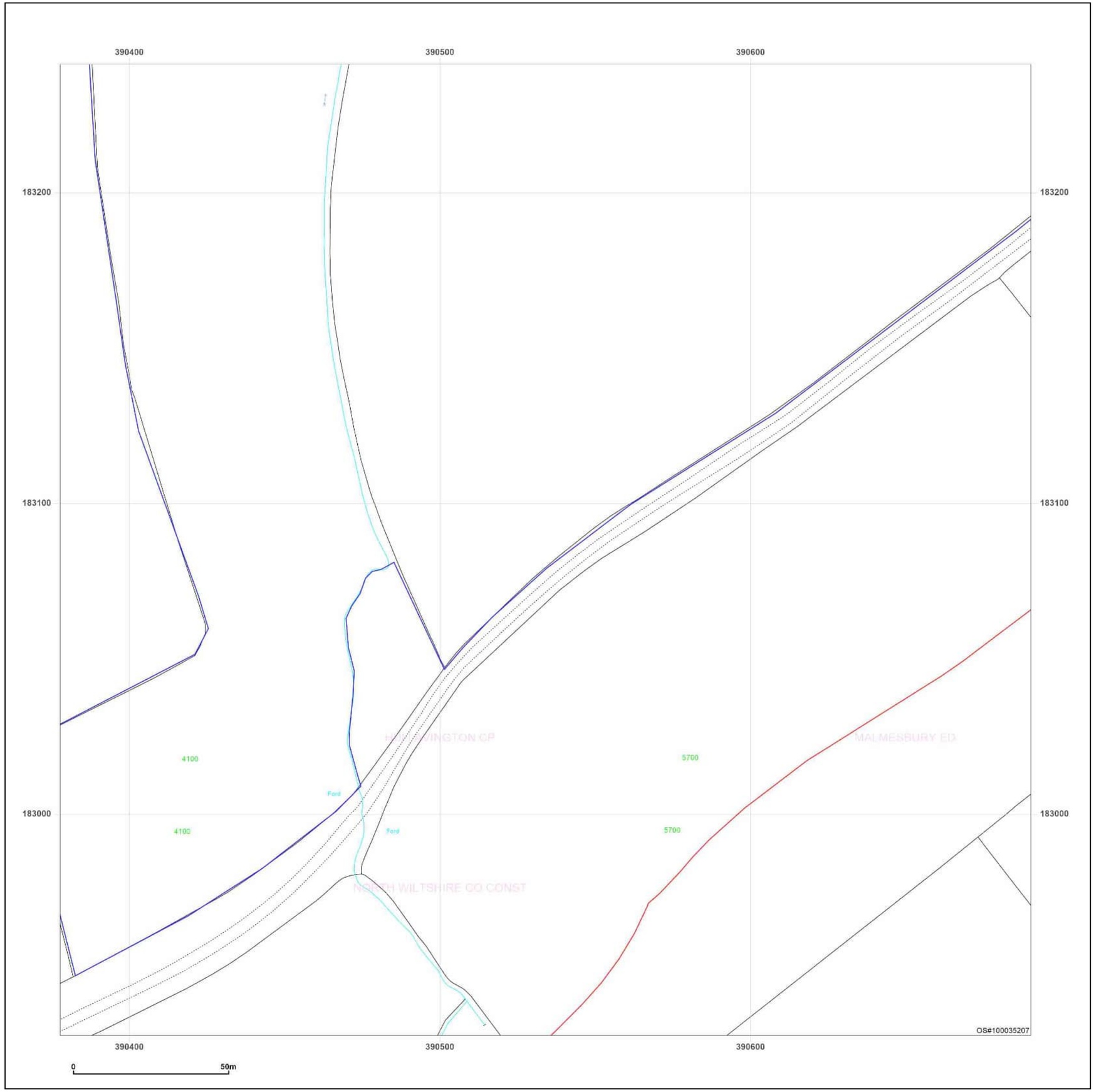


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**Site Details:**

Lime Down Site D

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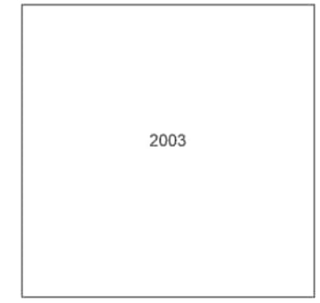


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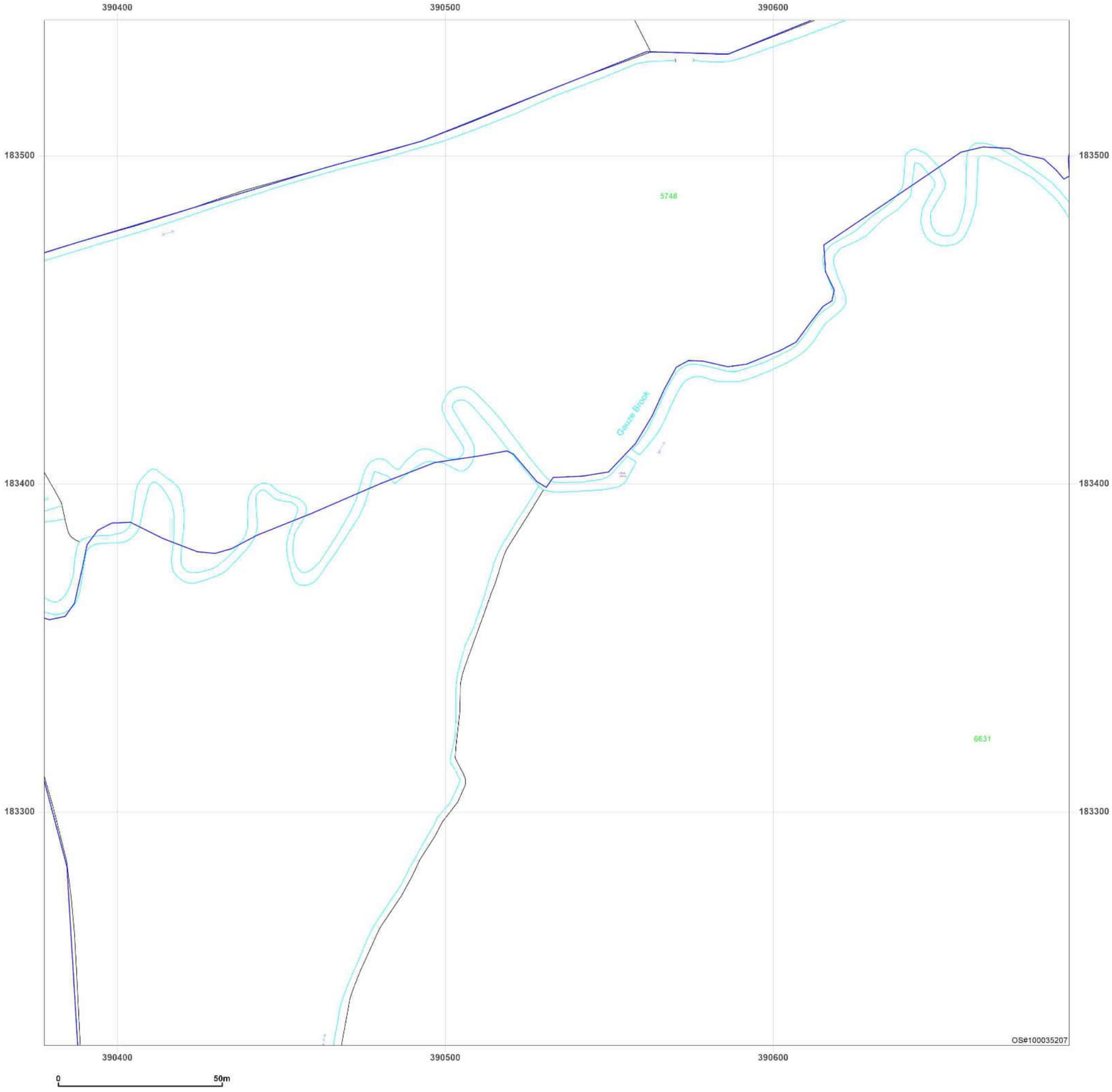


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_9_2
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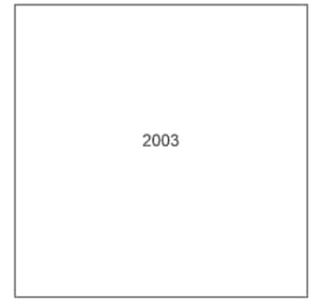


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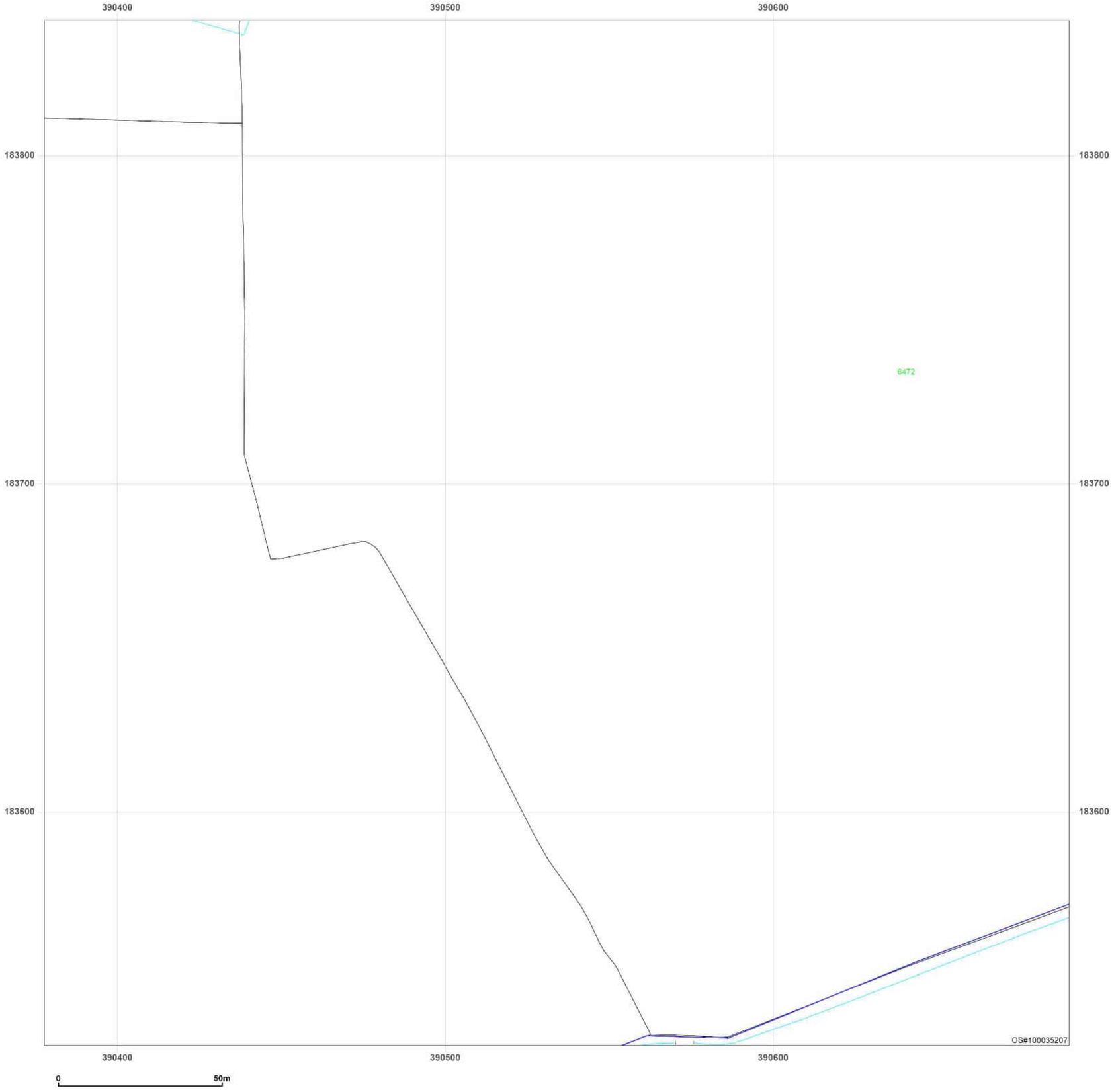


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_9_3
**Grid Ref:** 390534, 183685

**Map Name:** LandLine
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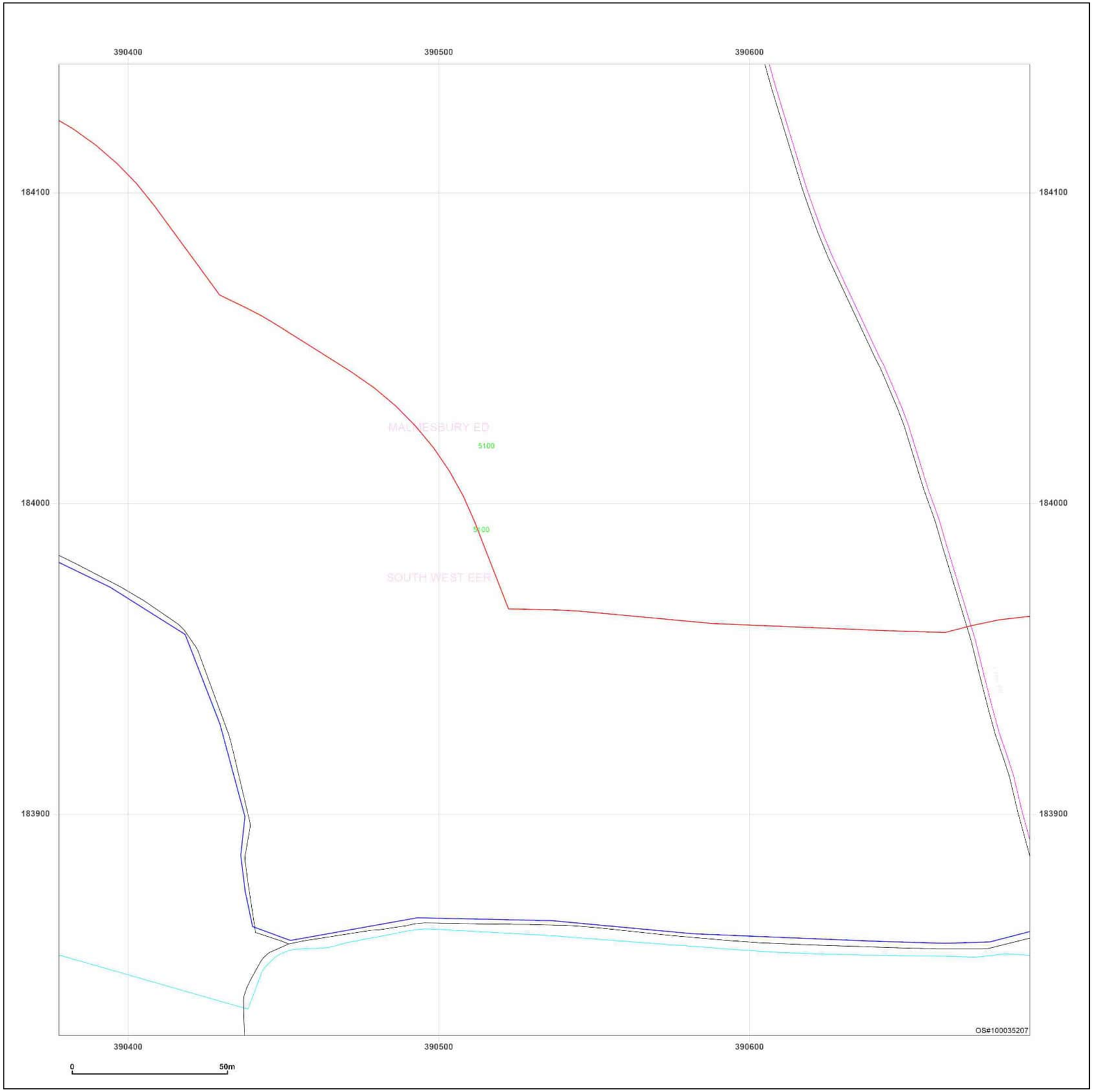


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_9_4
**Grid Ref:** 390534, 183985

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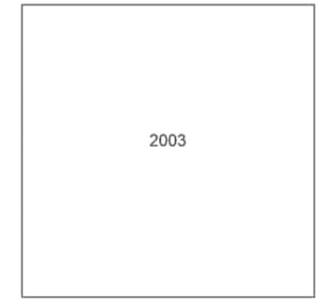


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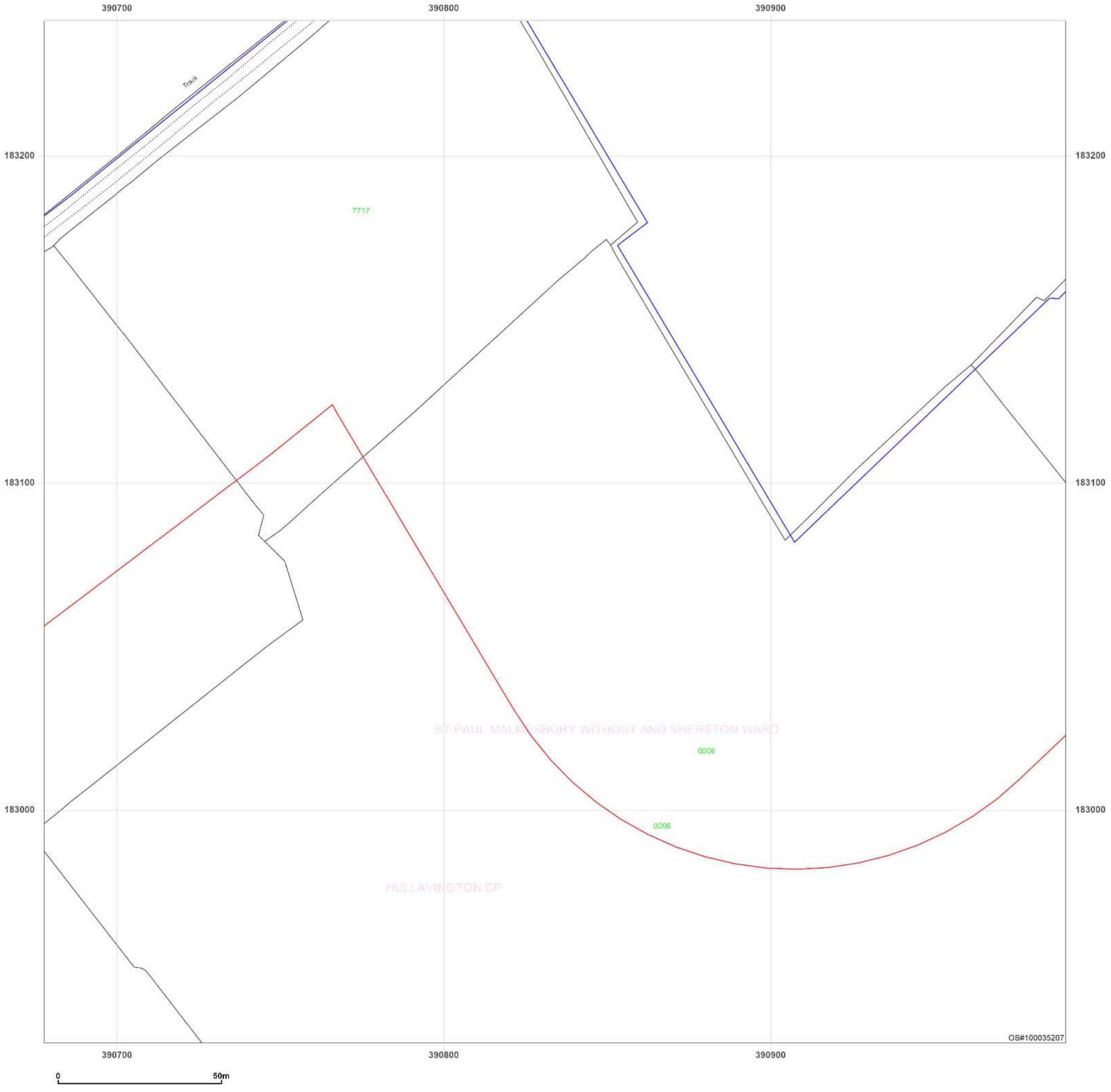


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_10_1
**Grid Ref:** 390834, 183085

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**Scale:** 1:1,250
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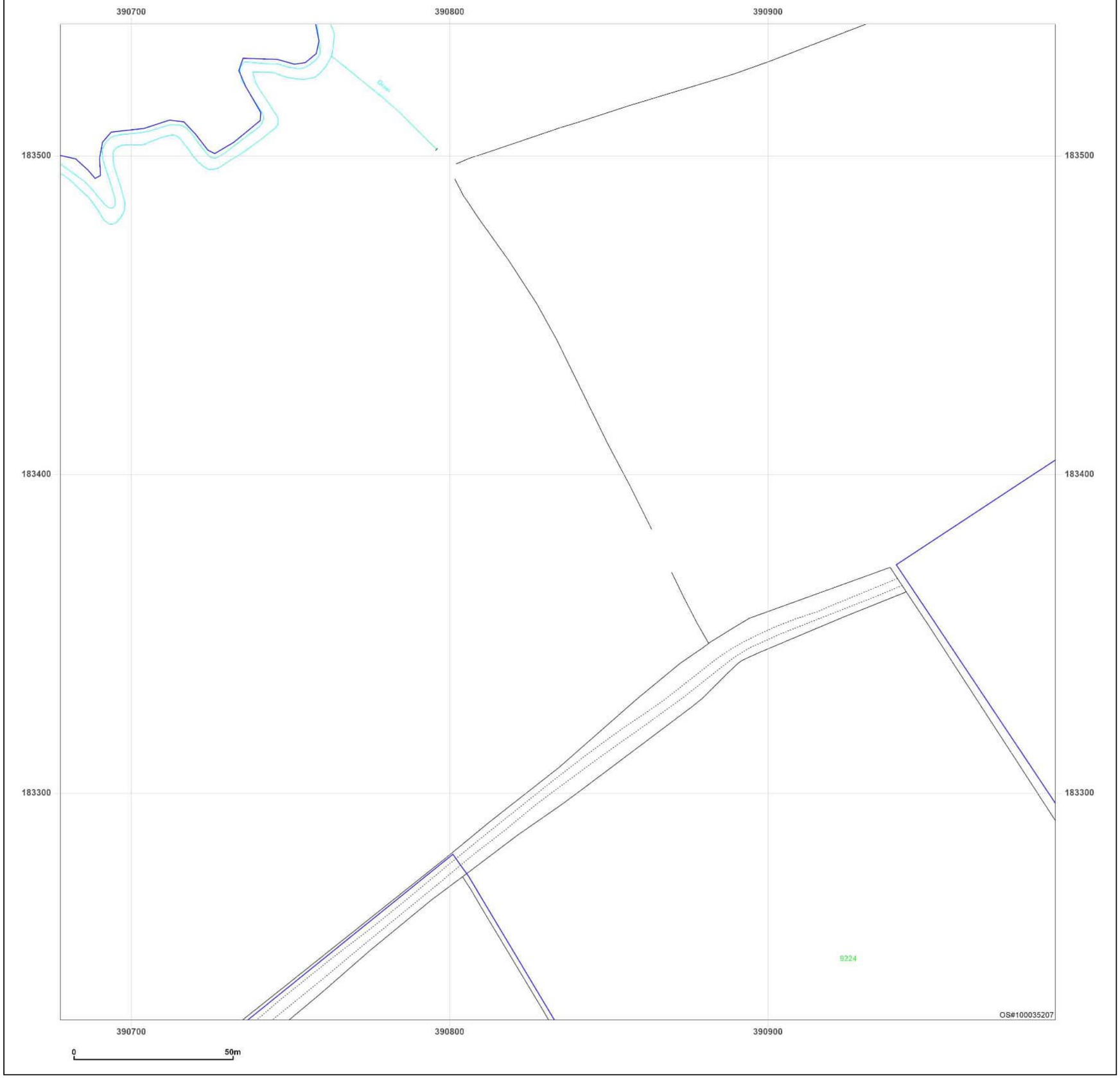


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_10_2
**Grid Ref:** 390834, 183385

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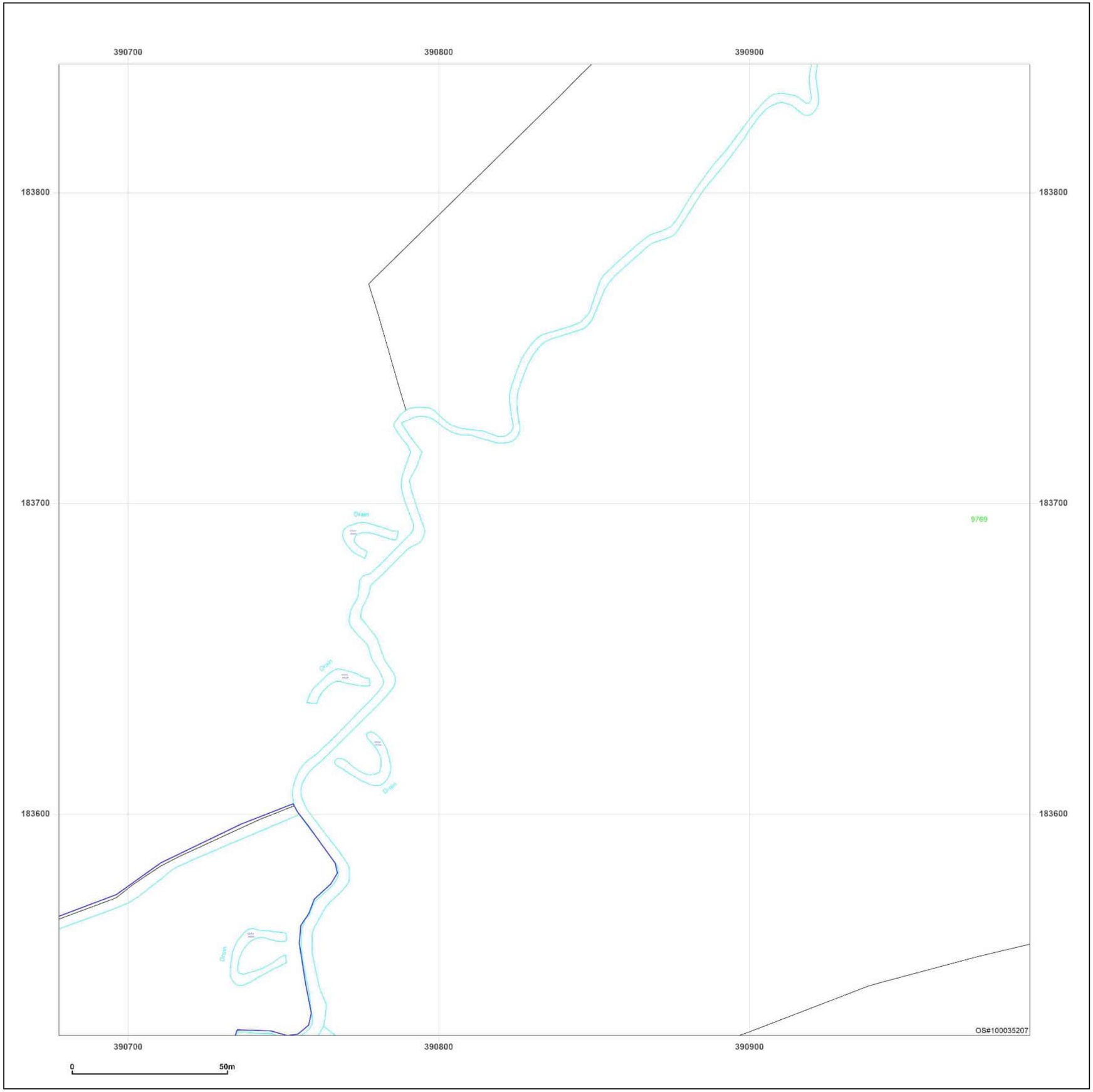


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_10_3
**Grid Ref:** 390834, 183685

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**Map date:** **2003**
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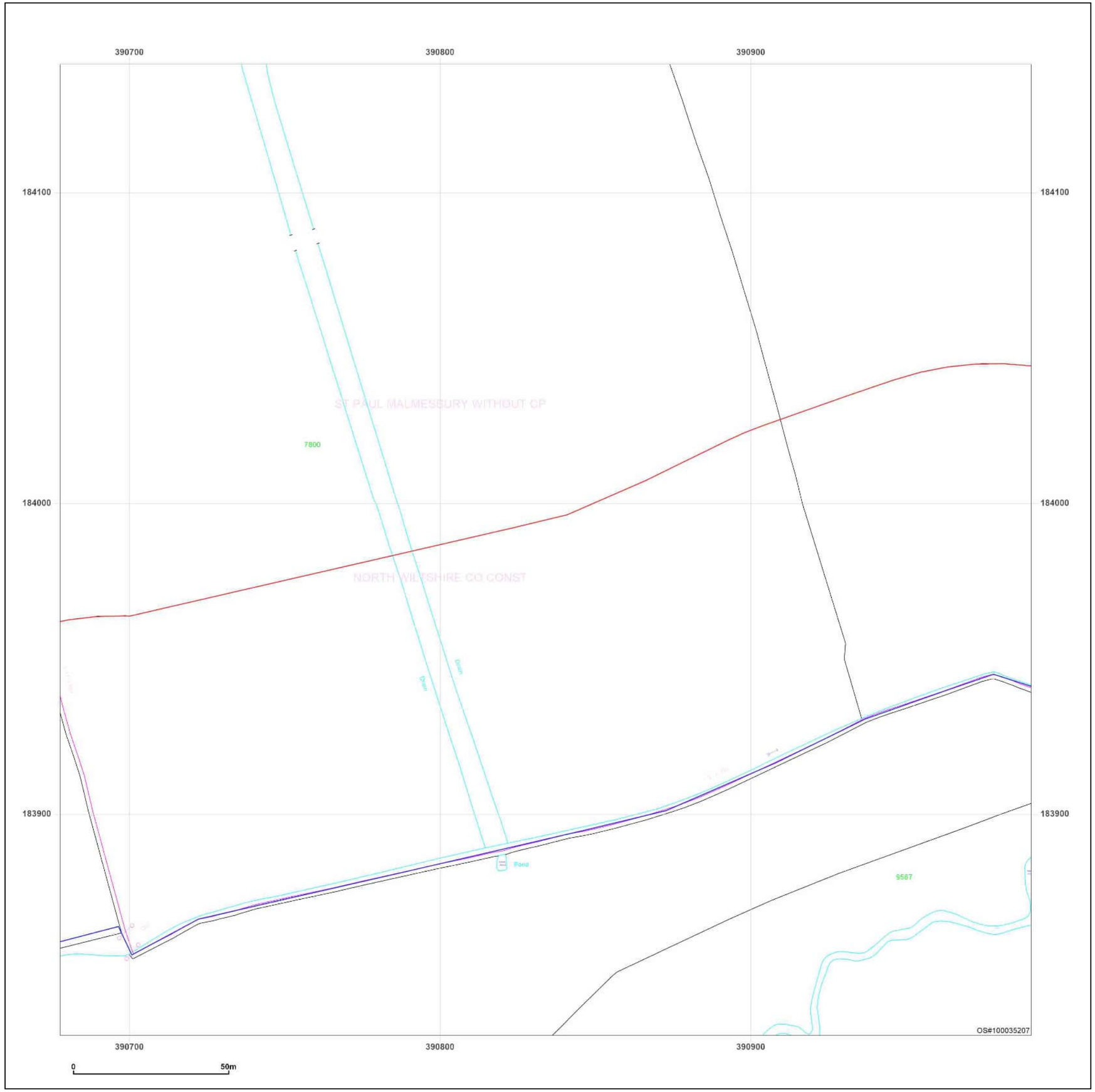


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_10_4
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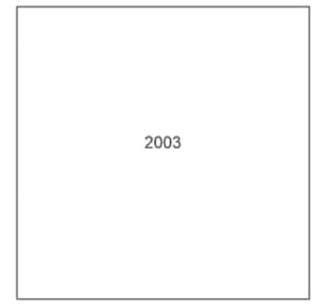


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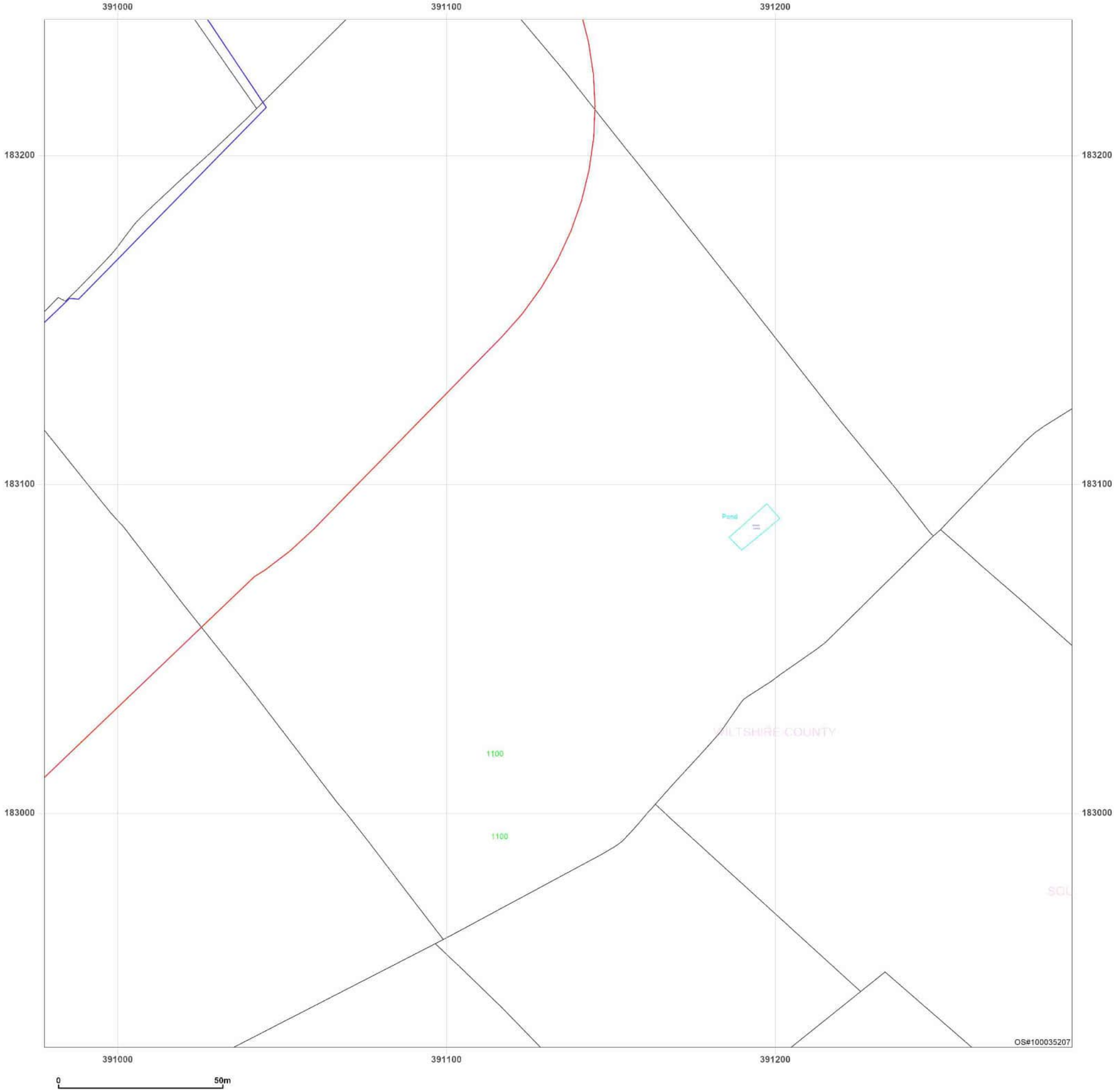


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_11_1
**Grid Ref:** 391134, 183085

**Map Name:** LandLine
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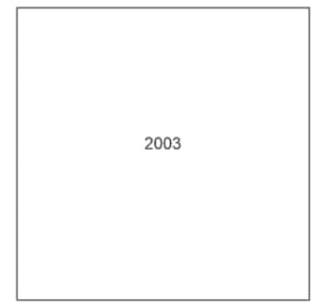


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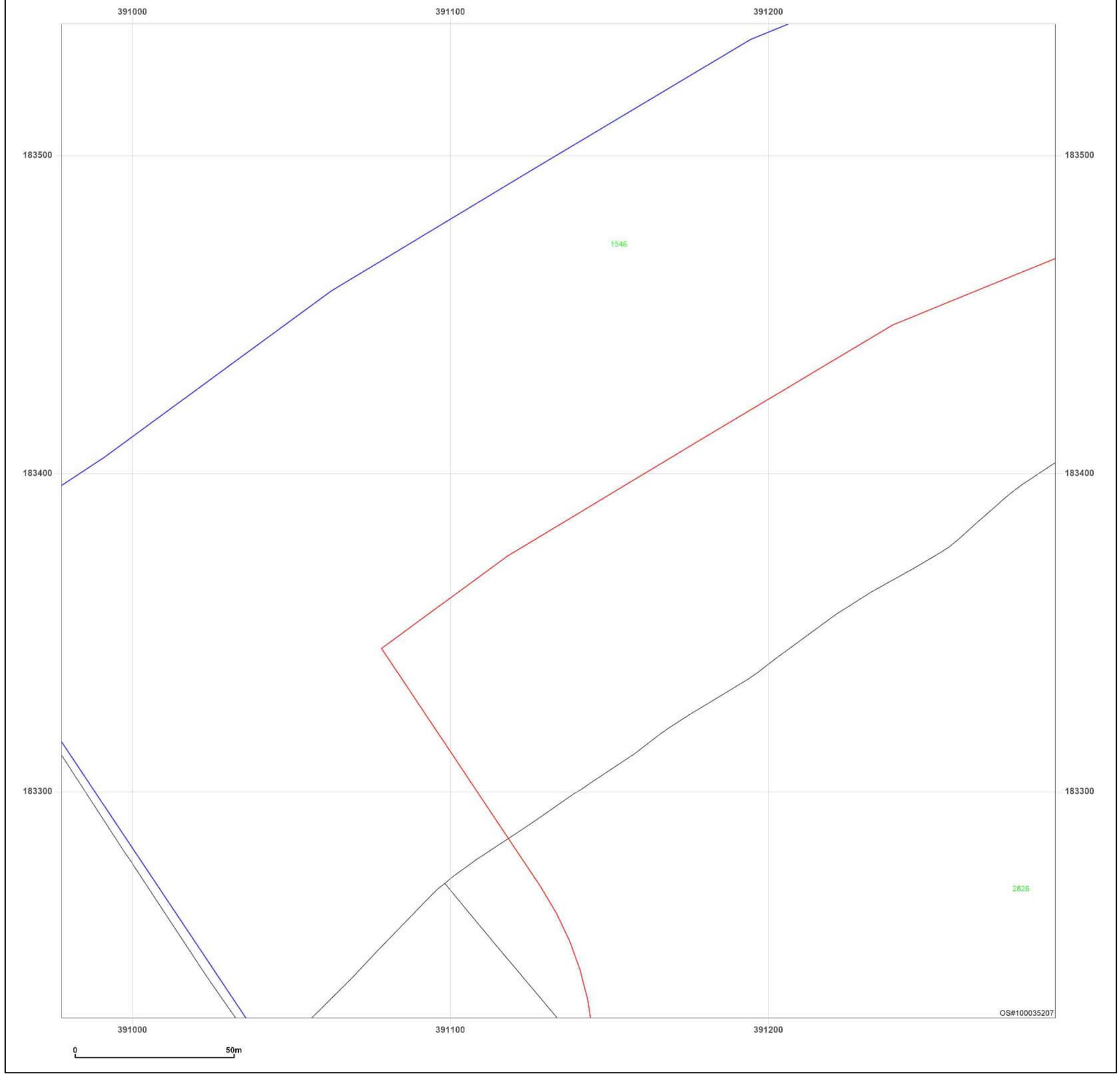


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_11_2
**Grid Ref:** 391134, 183385

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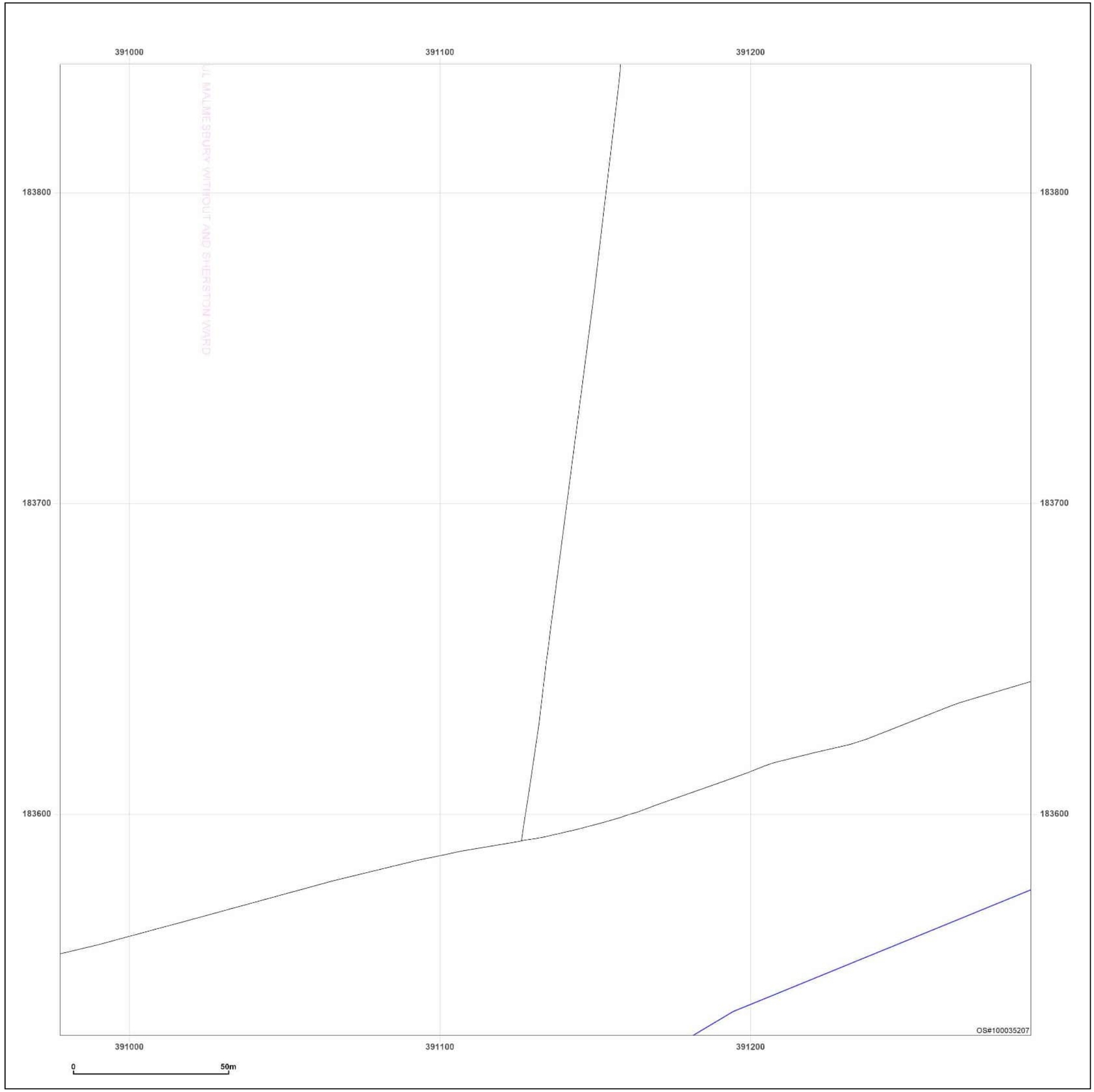


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_11_3
**Grid Ref:** 391134, 183685

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**Map date:** **2003**
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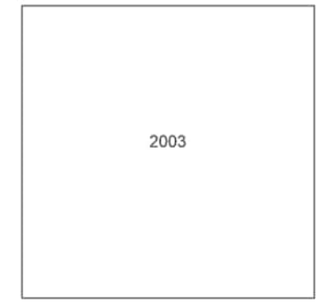


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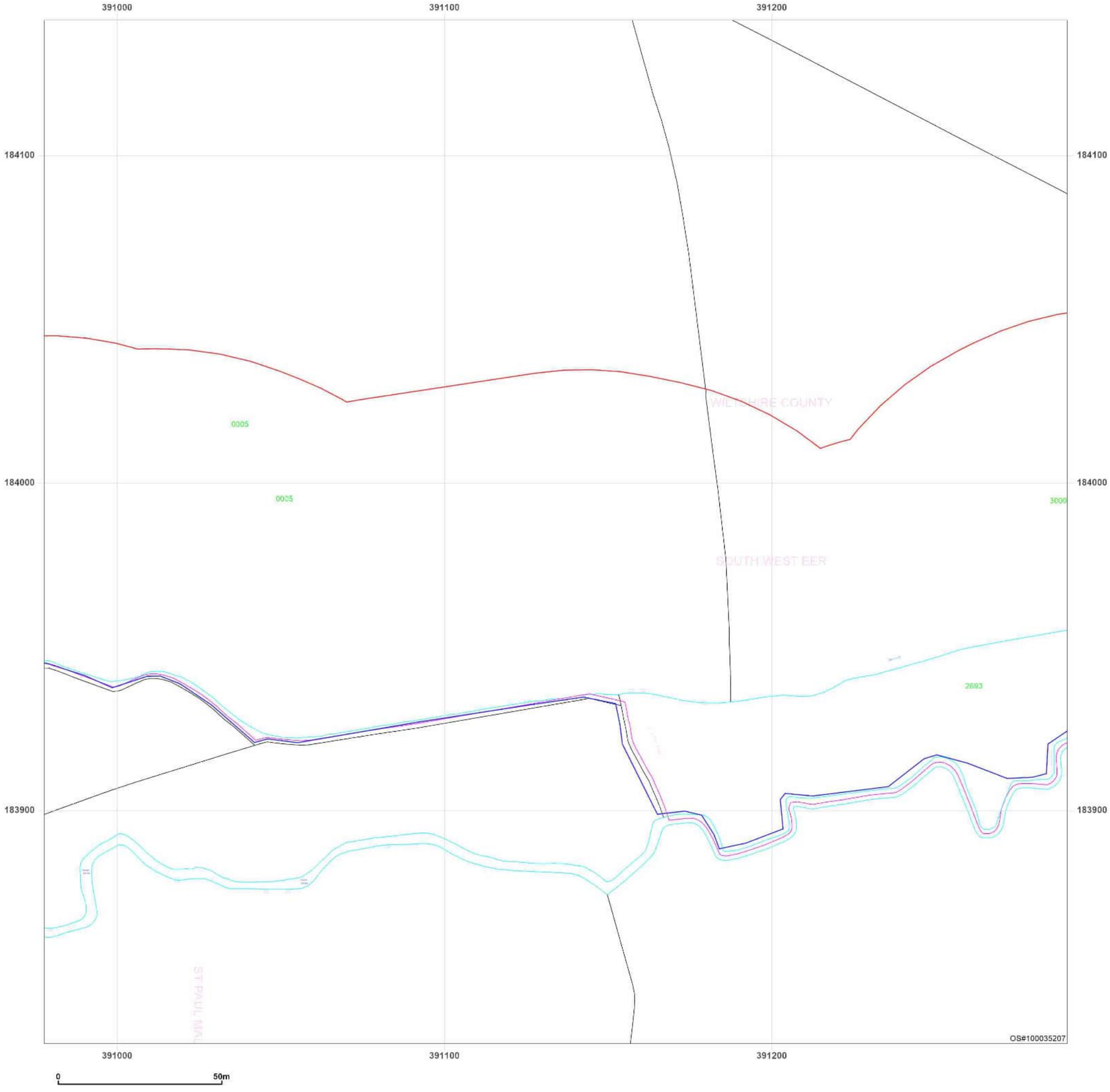


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_11_4
**Grid Ref:** 391134, 183985

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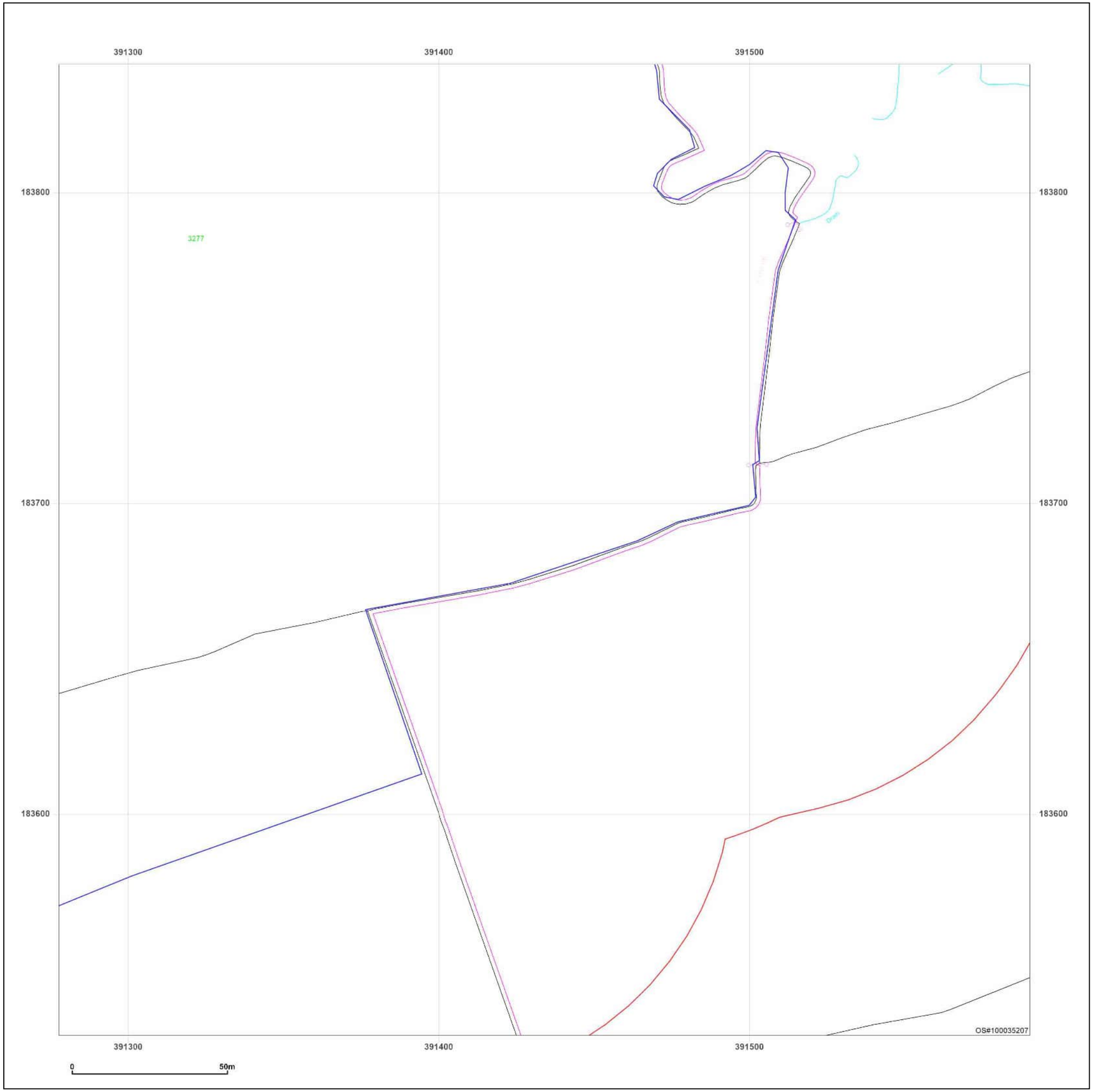


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_12_3
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**Map Name:** LandLine

**Map date:** **2003**

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**Printed at:** 1:1,250

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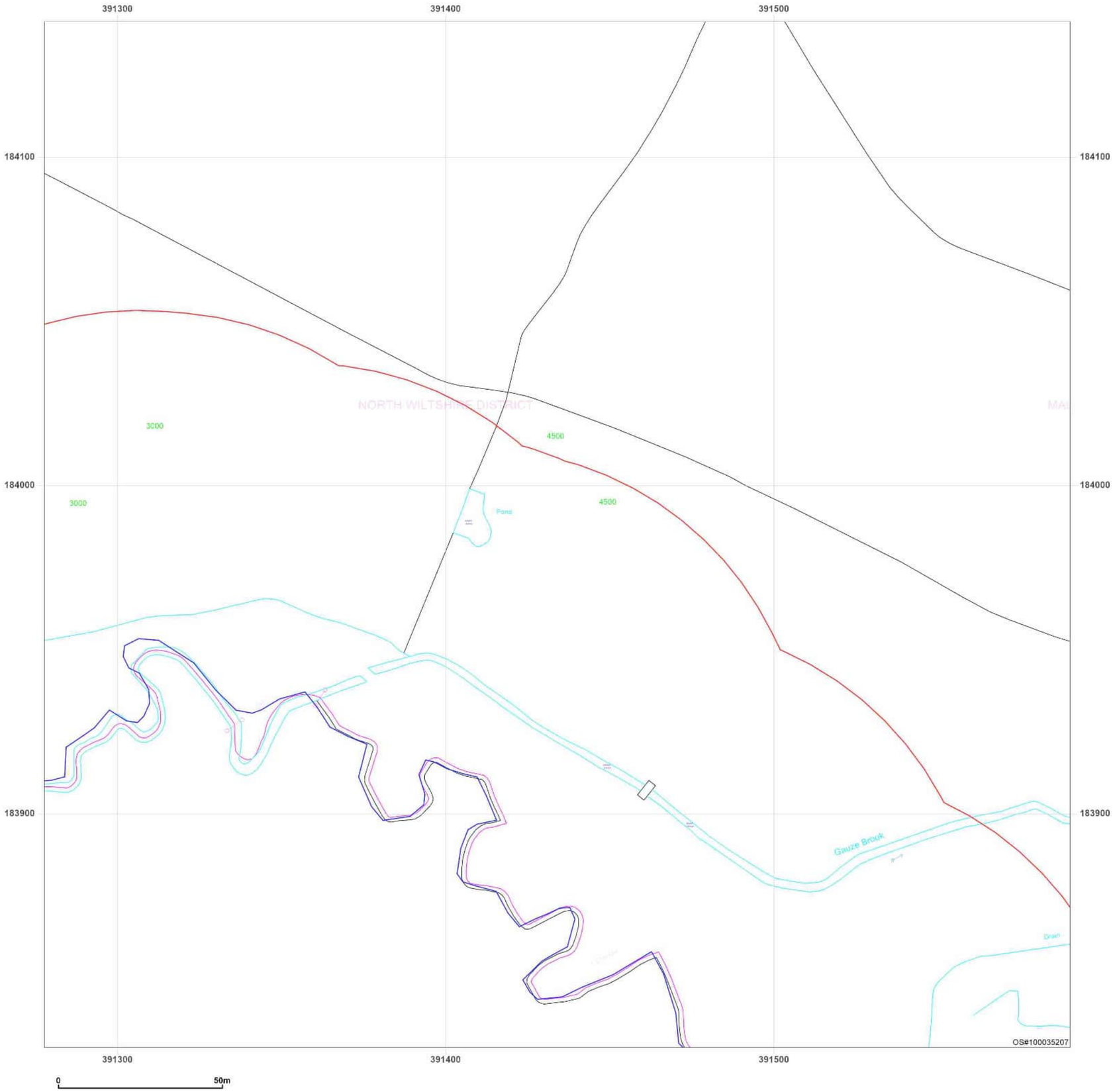


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_Landline_12_4
**Grid Ref:** 391434, 183985

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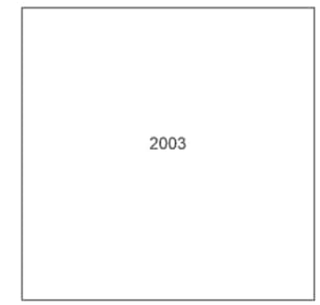


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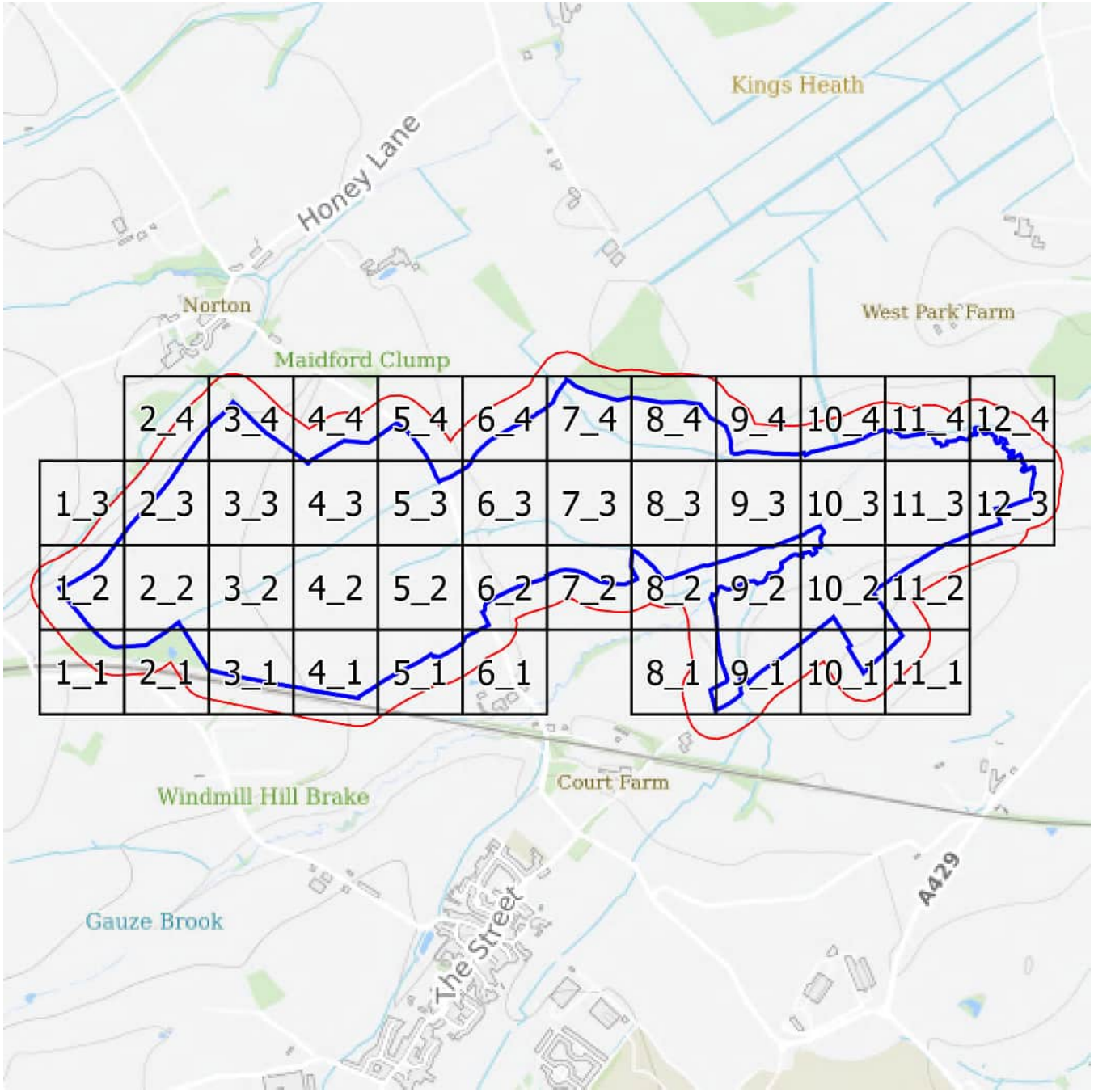

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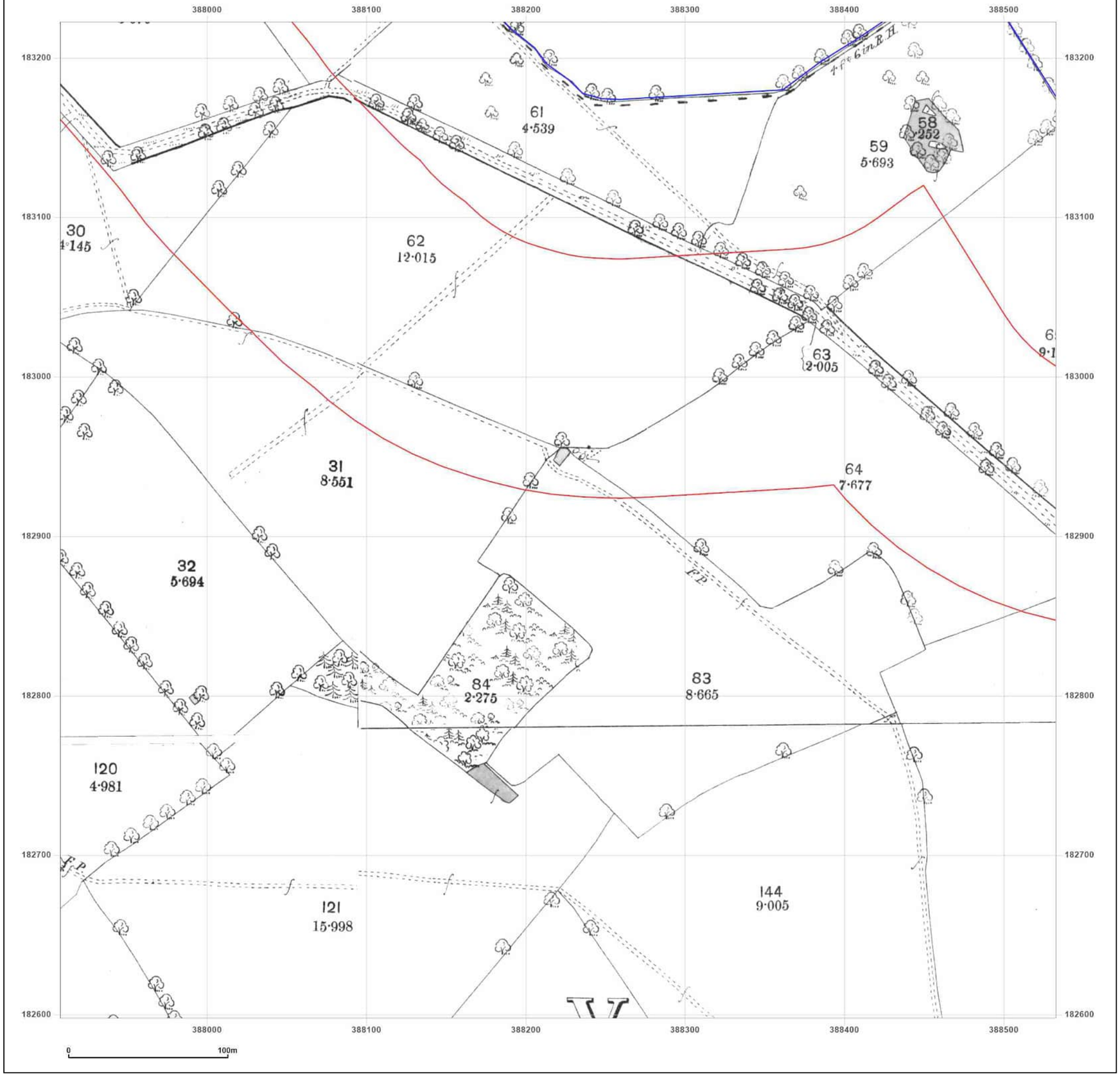


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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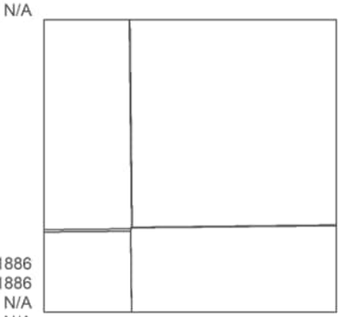

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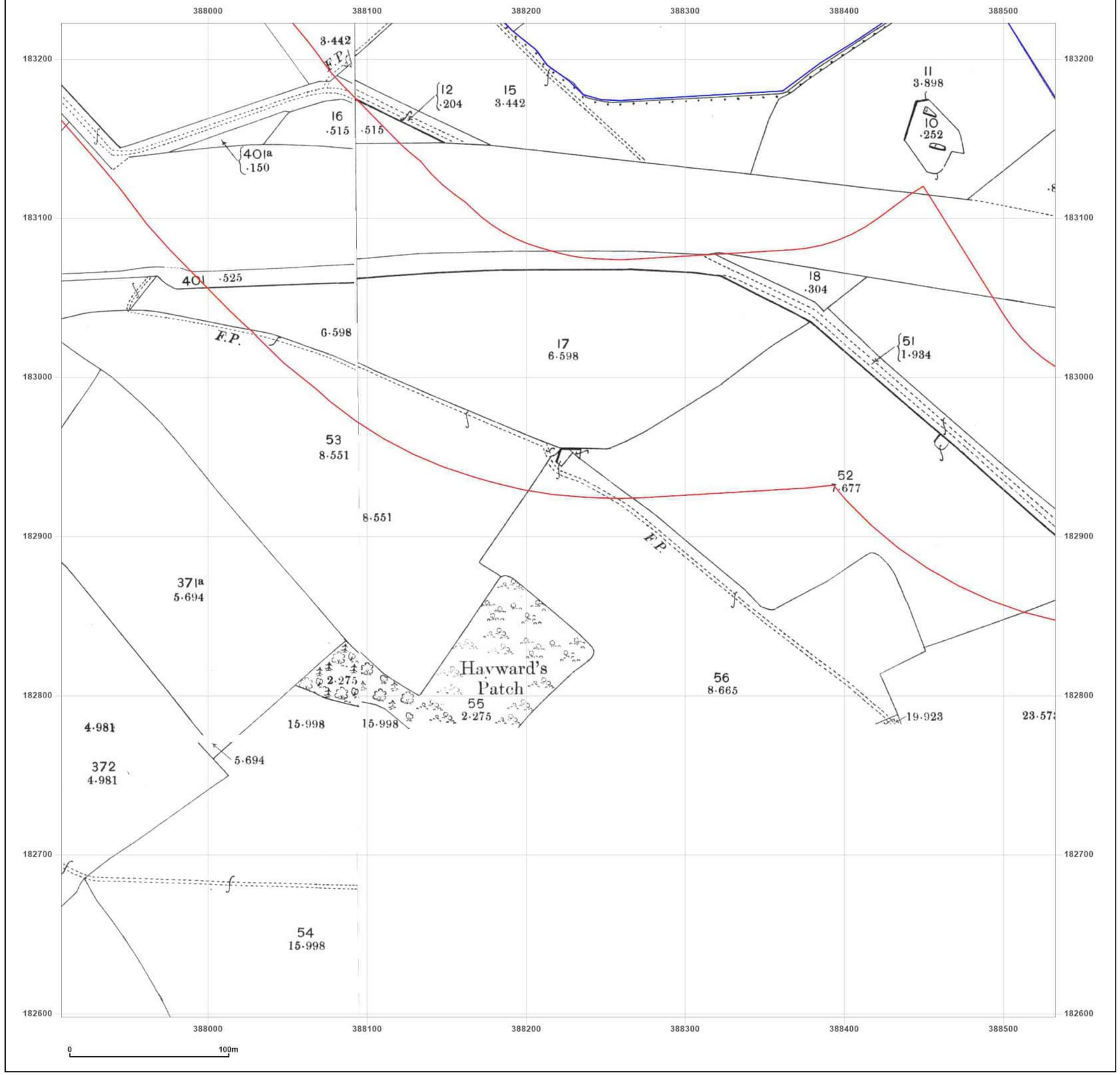
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**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



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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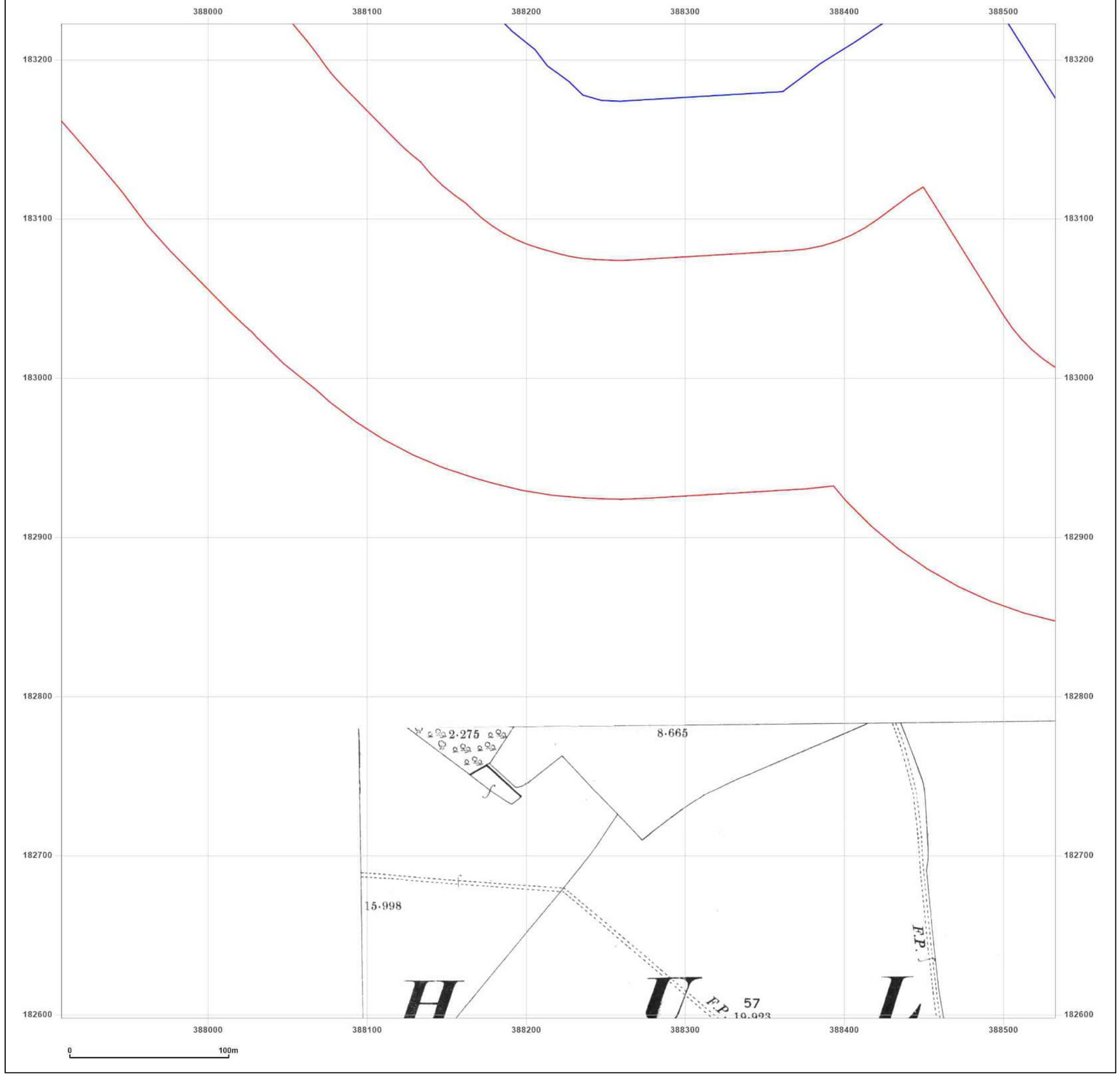
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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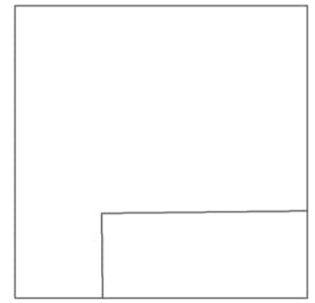

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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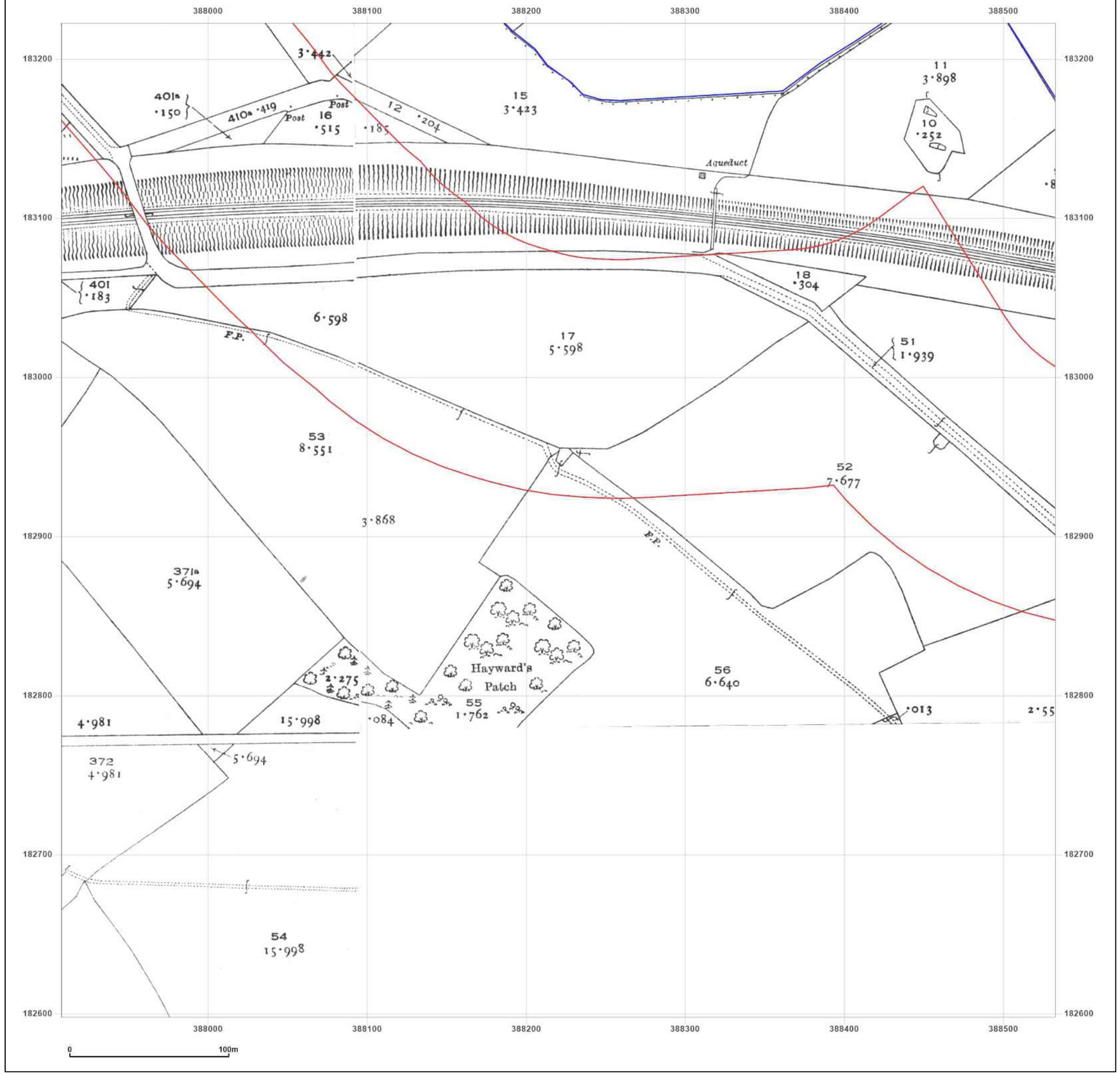
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** County Series

**Map date:** **1921-1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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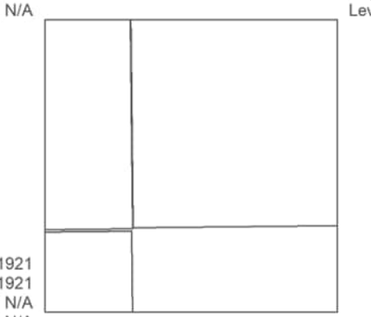
Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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



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

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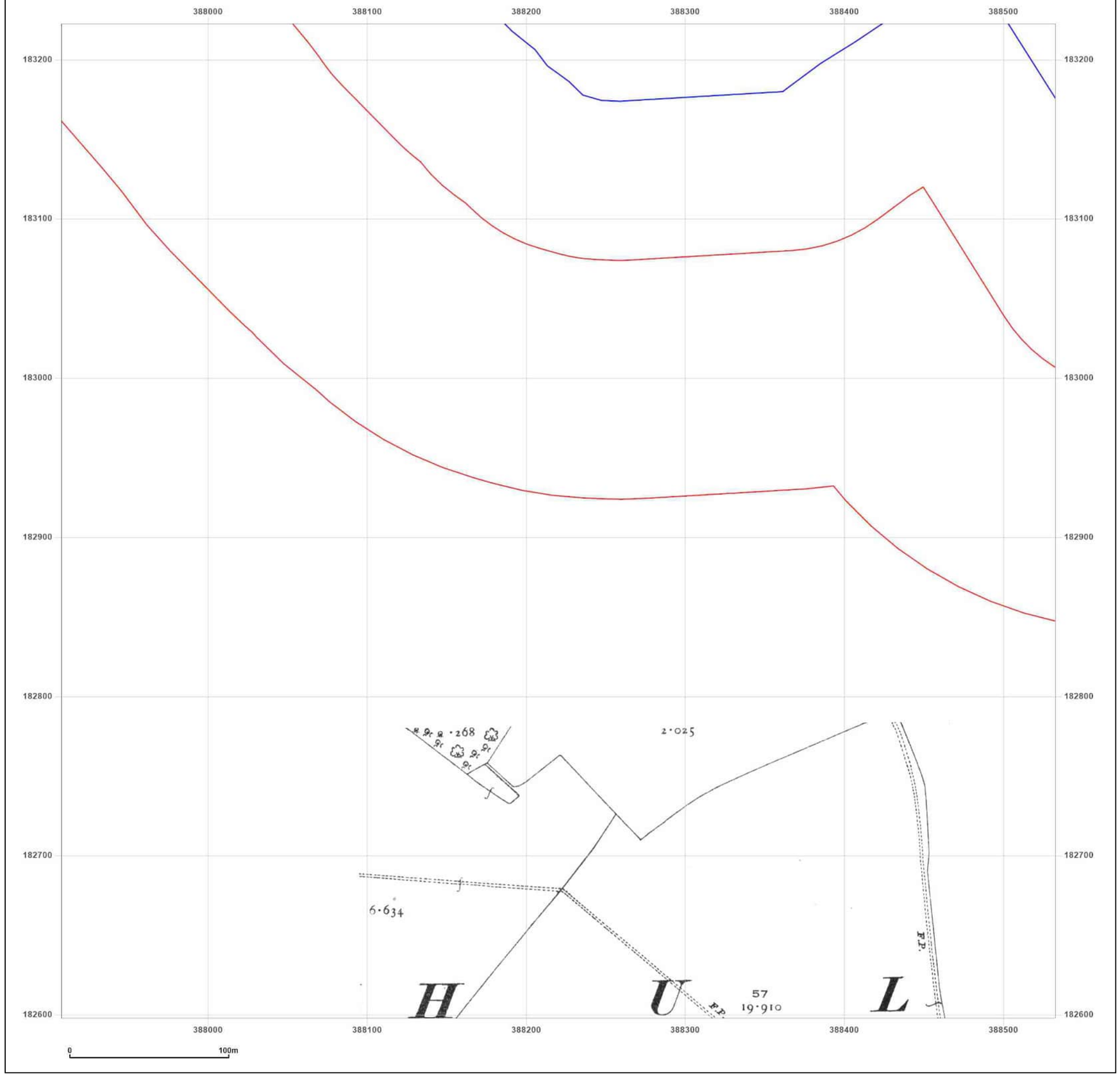
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** County Series

**Map date:** **1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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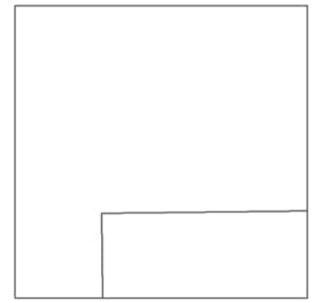

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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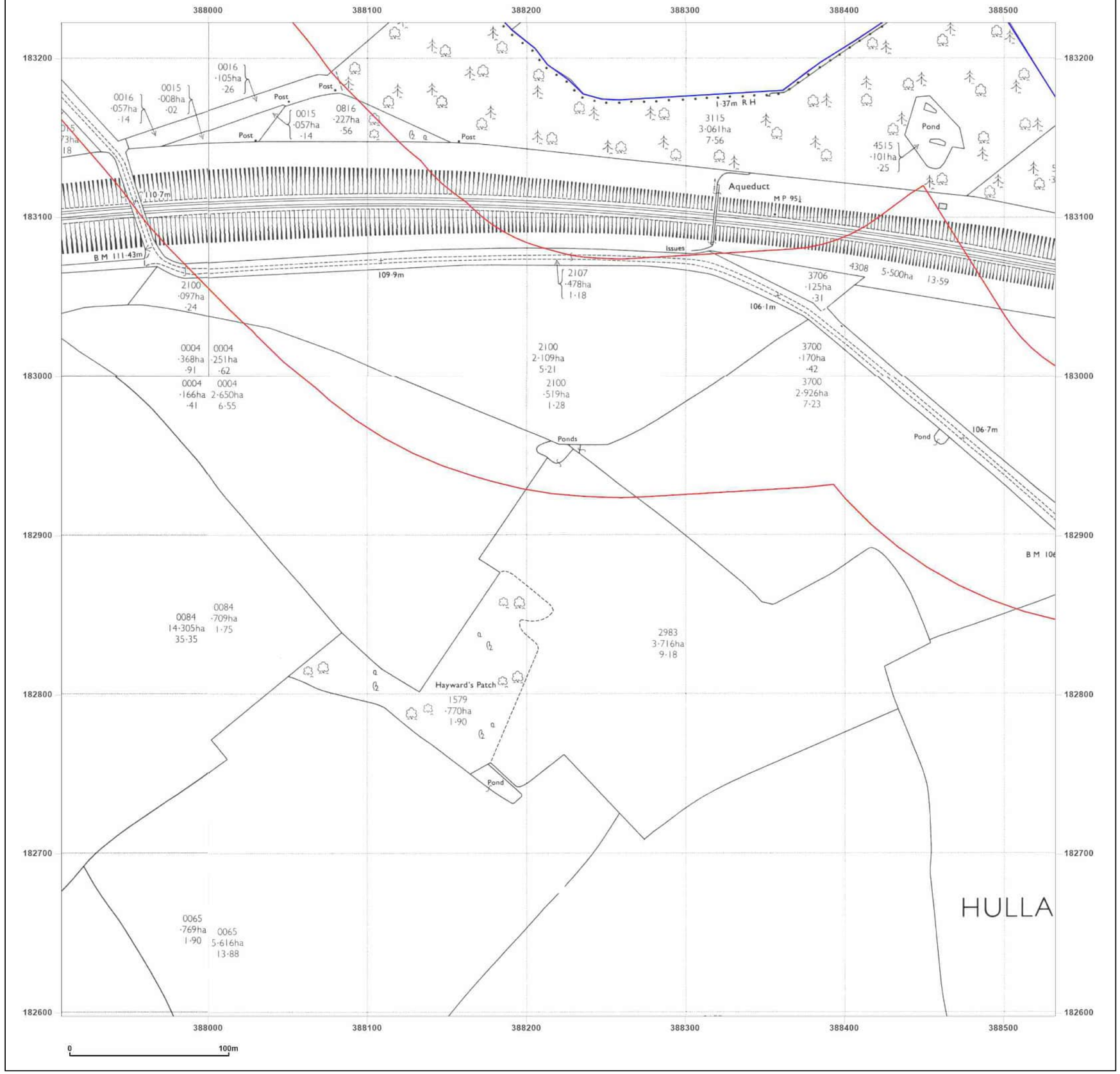
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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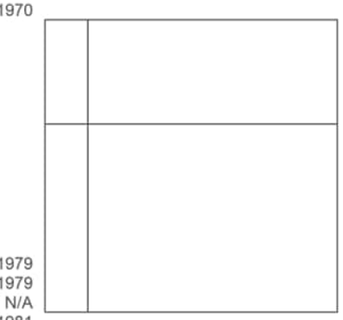
Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970



Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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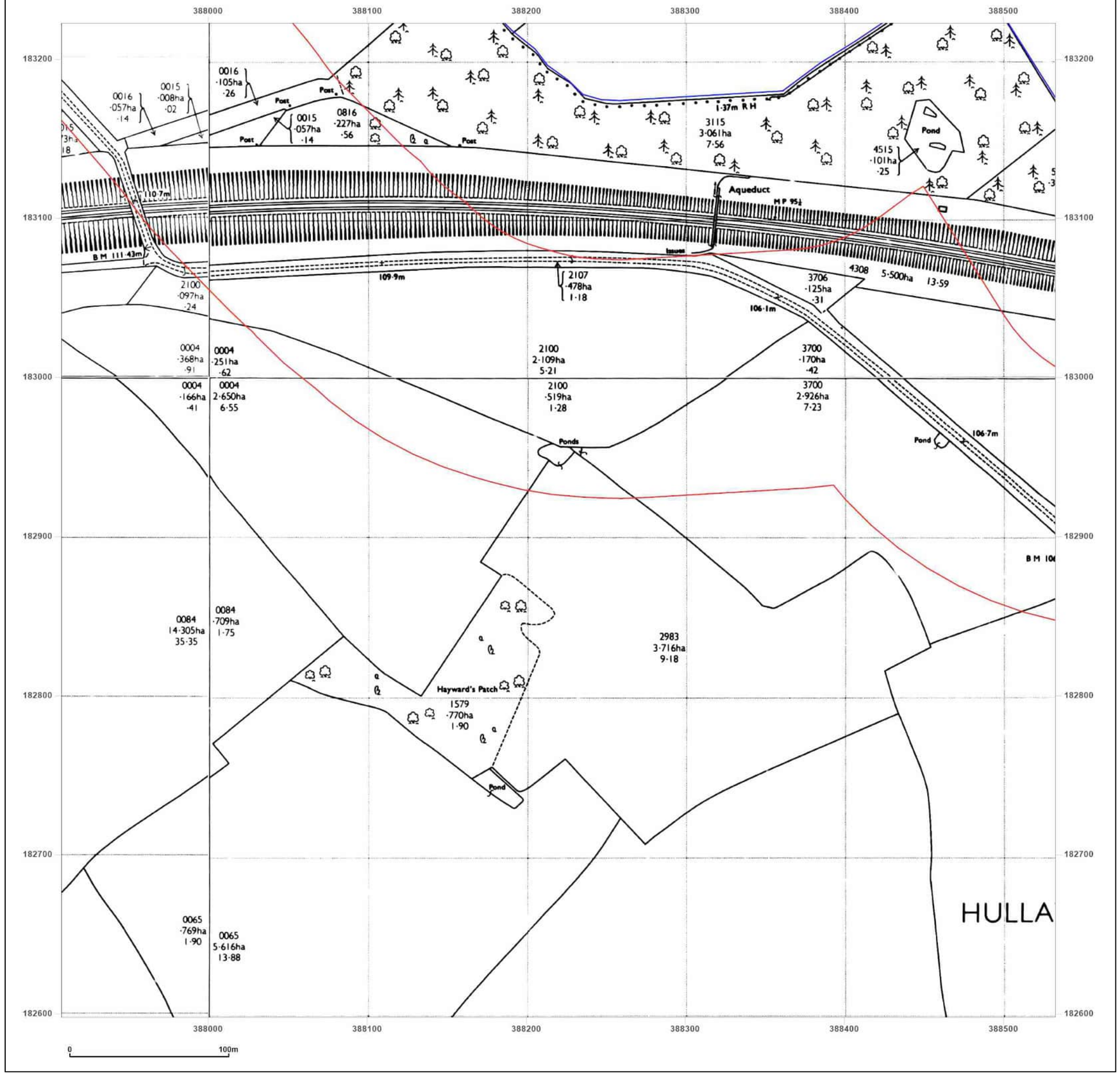
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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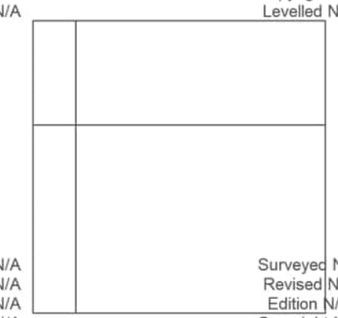
Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A

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 N/A
Revised N/A
Edition N/A
Copyright N/A
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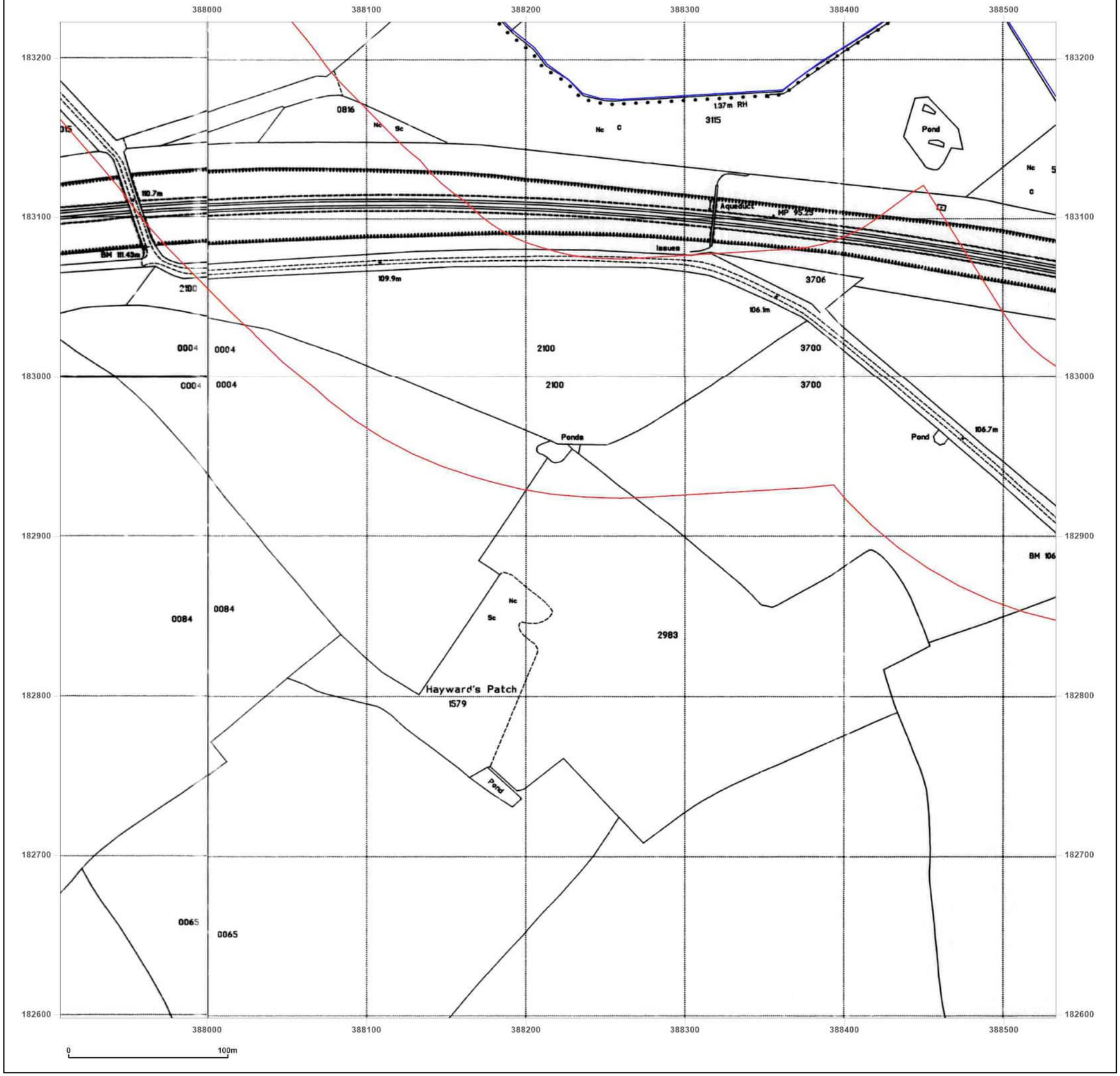


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_1
**Grid Ref:** 388220, 182910

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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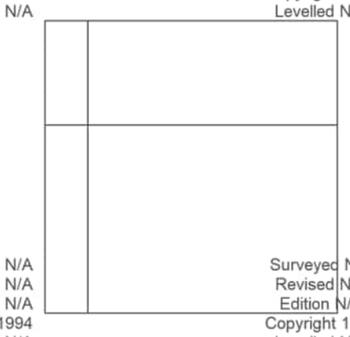
Surveyed N/A
Revised N/A
Edition N/A
Copyright 1994
Levelled N/A



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

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

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Edition N/A
Copyright 1994
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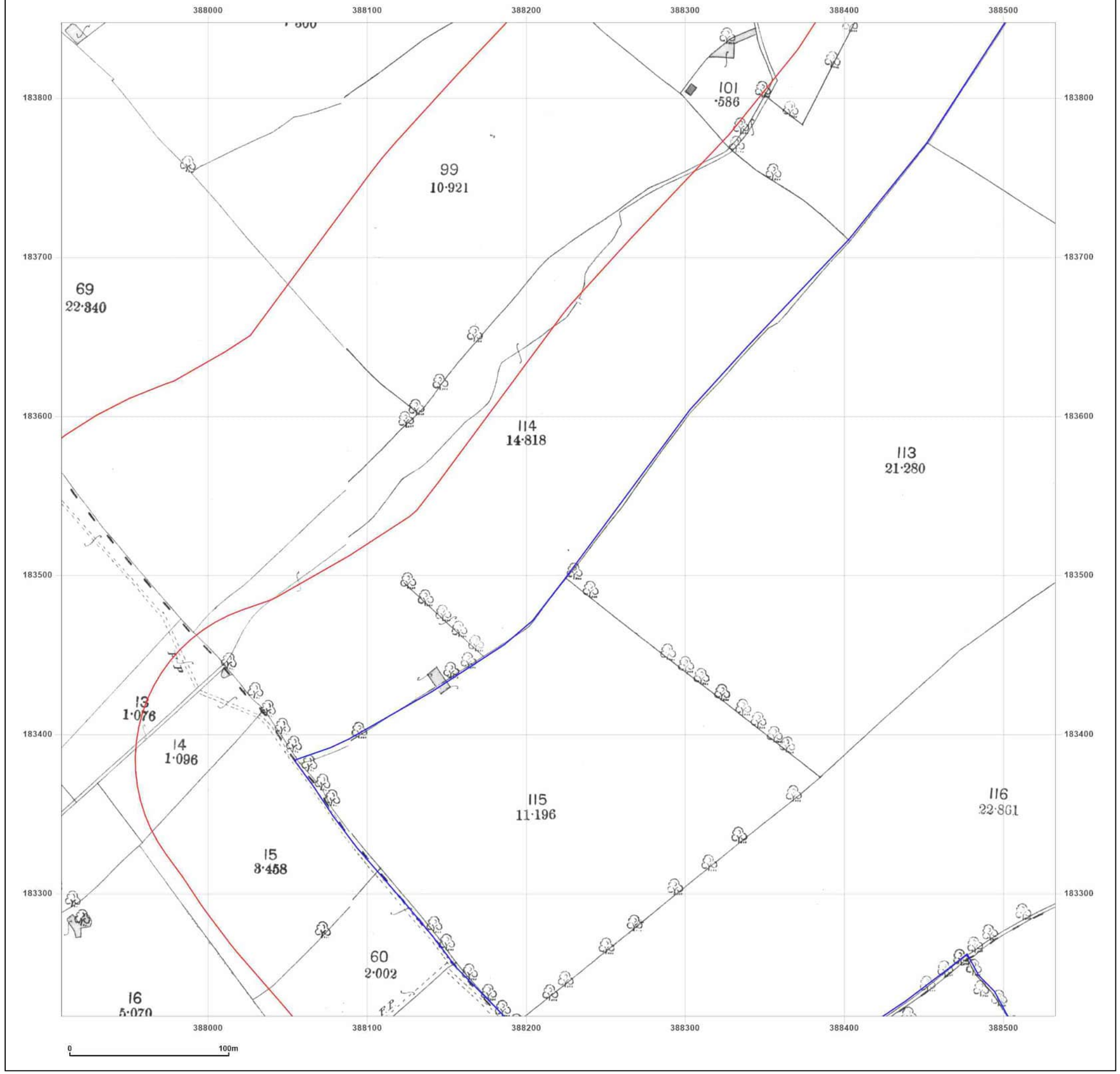


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** County Series
**Map date:** **1886**
**Scale:** 1:2,500
**Printed at:** 1:2,500

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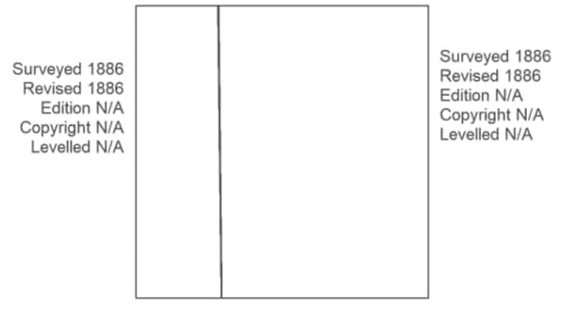


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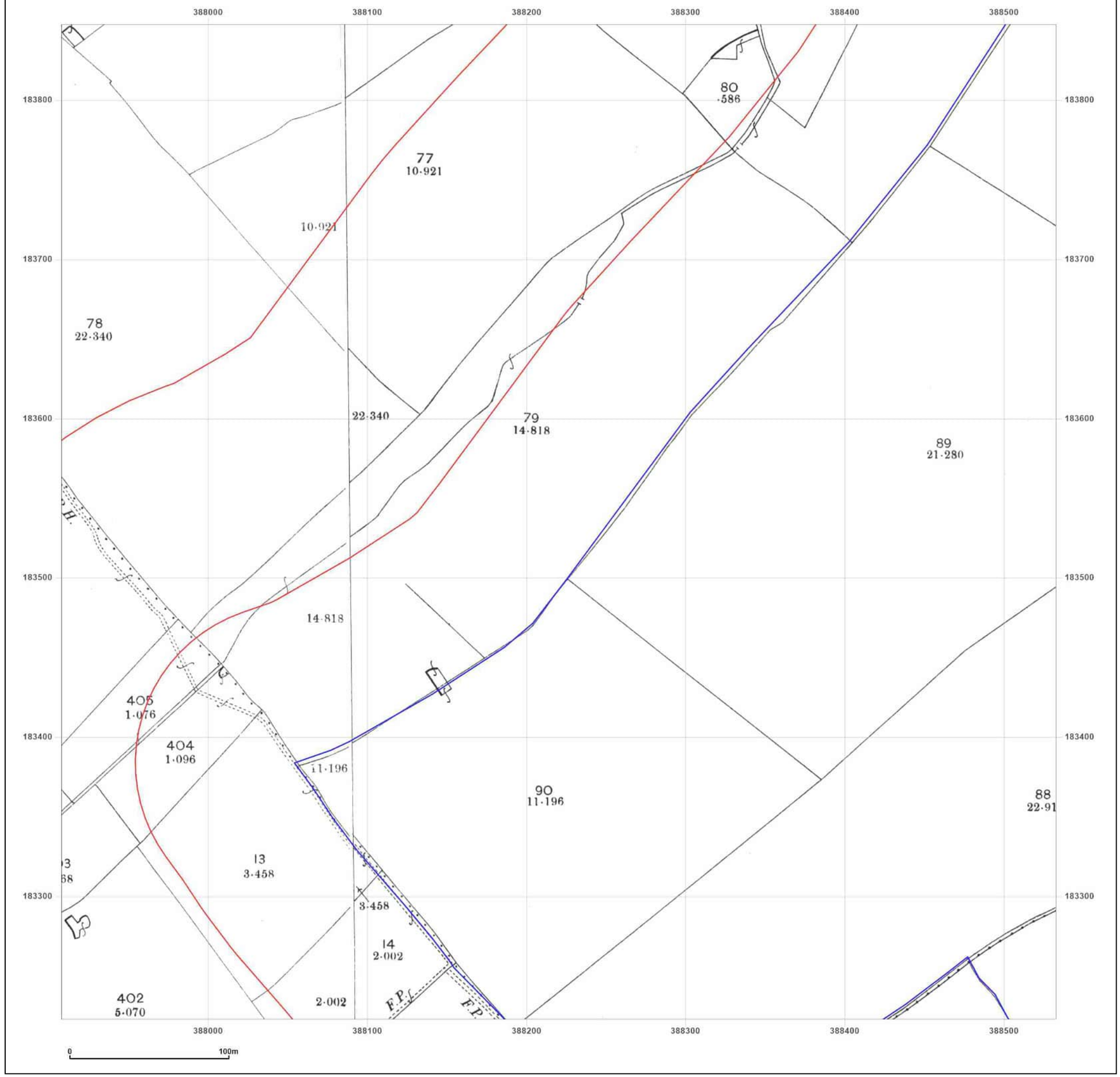
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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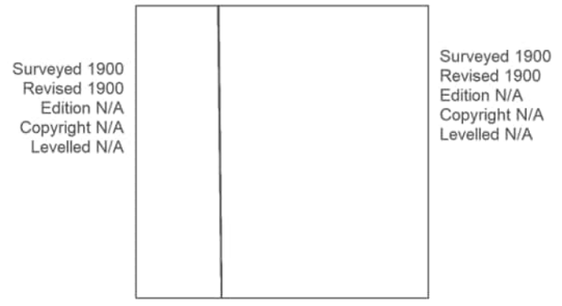


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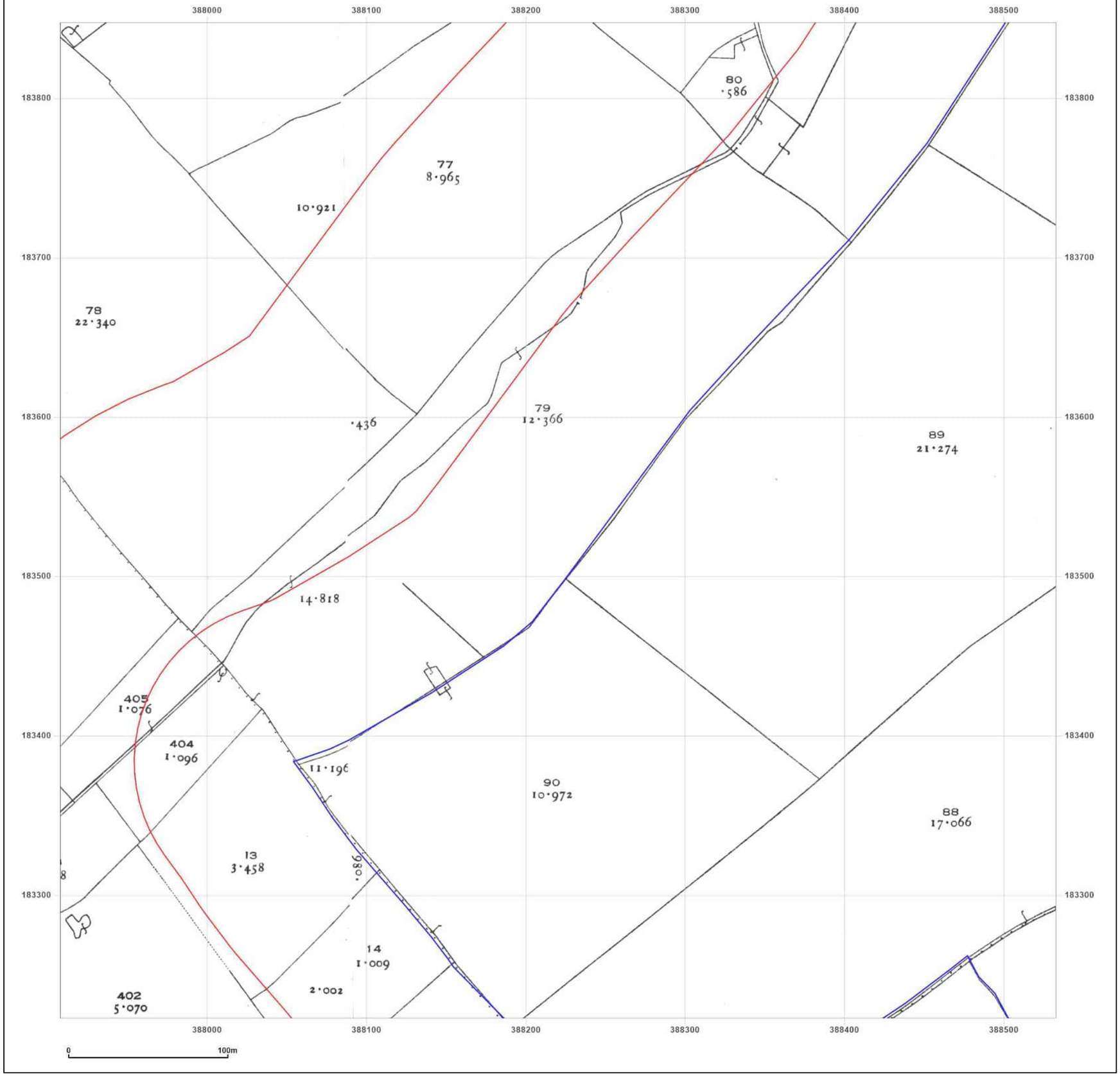
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** County Series

**Map date:** **1921-1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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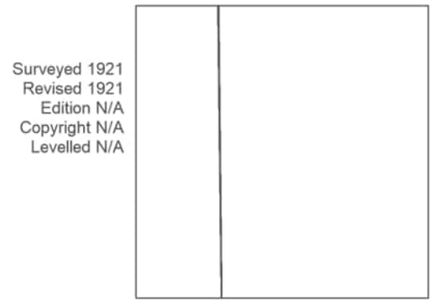


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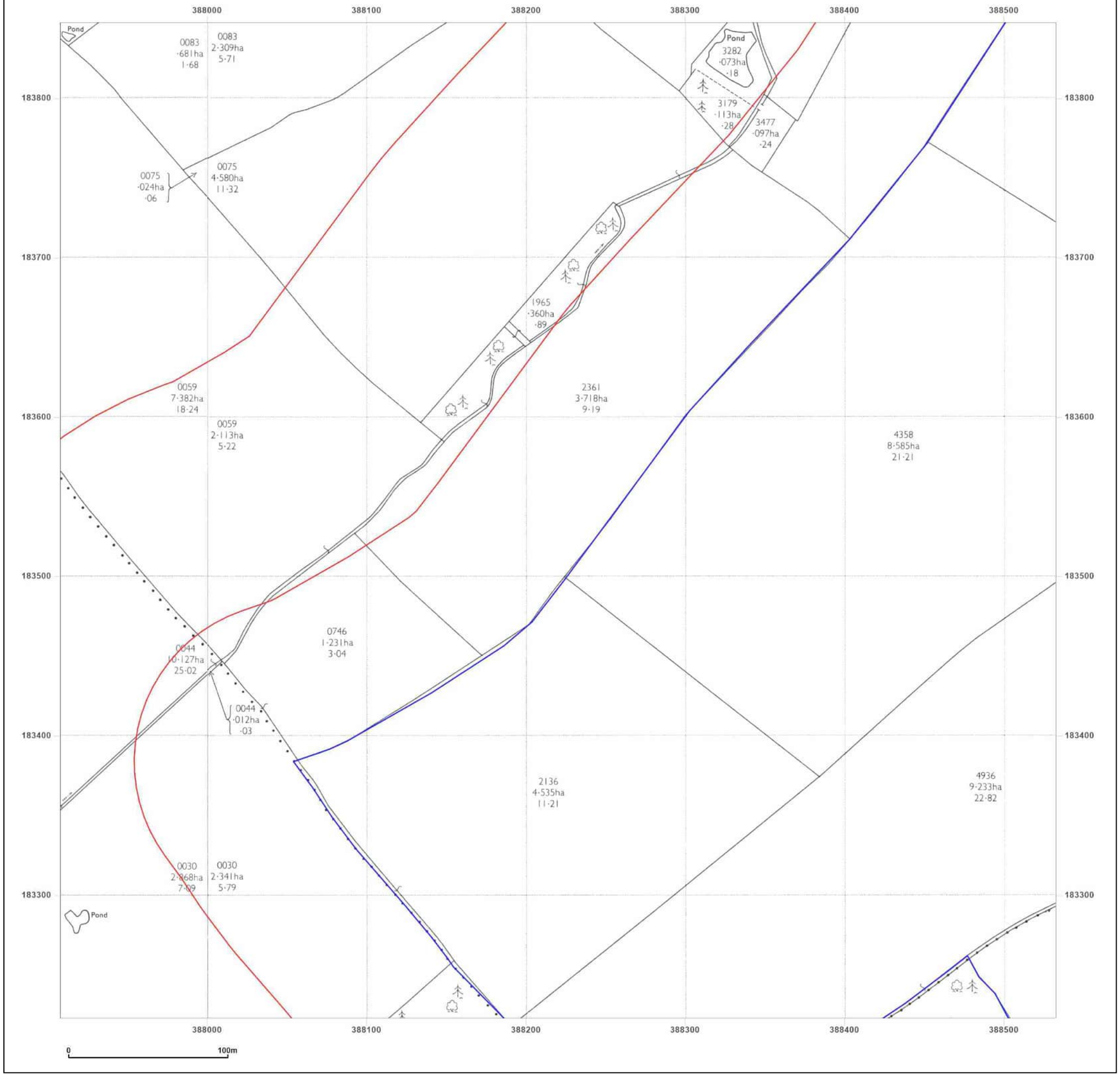


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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| | |
|---|---|
| Surveyed 1979 | Surveyed 1979 |
| Revised 1979 | Revised 1979 |
| Edition N/A | Edition N/A |
| Copyright 1981 | Copyright 1981 |
| Levelled 1970 | Levelled 1970 |

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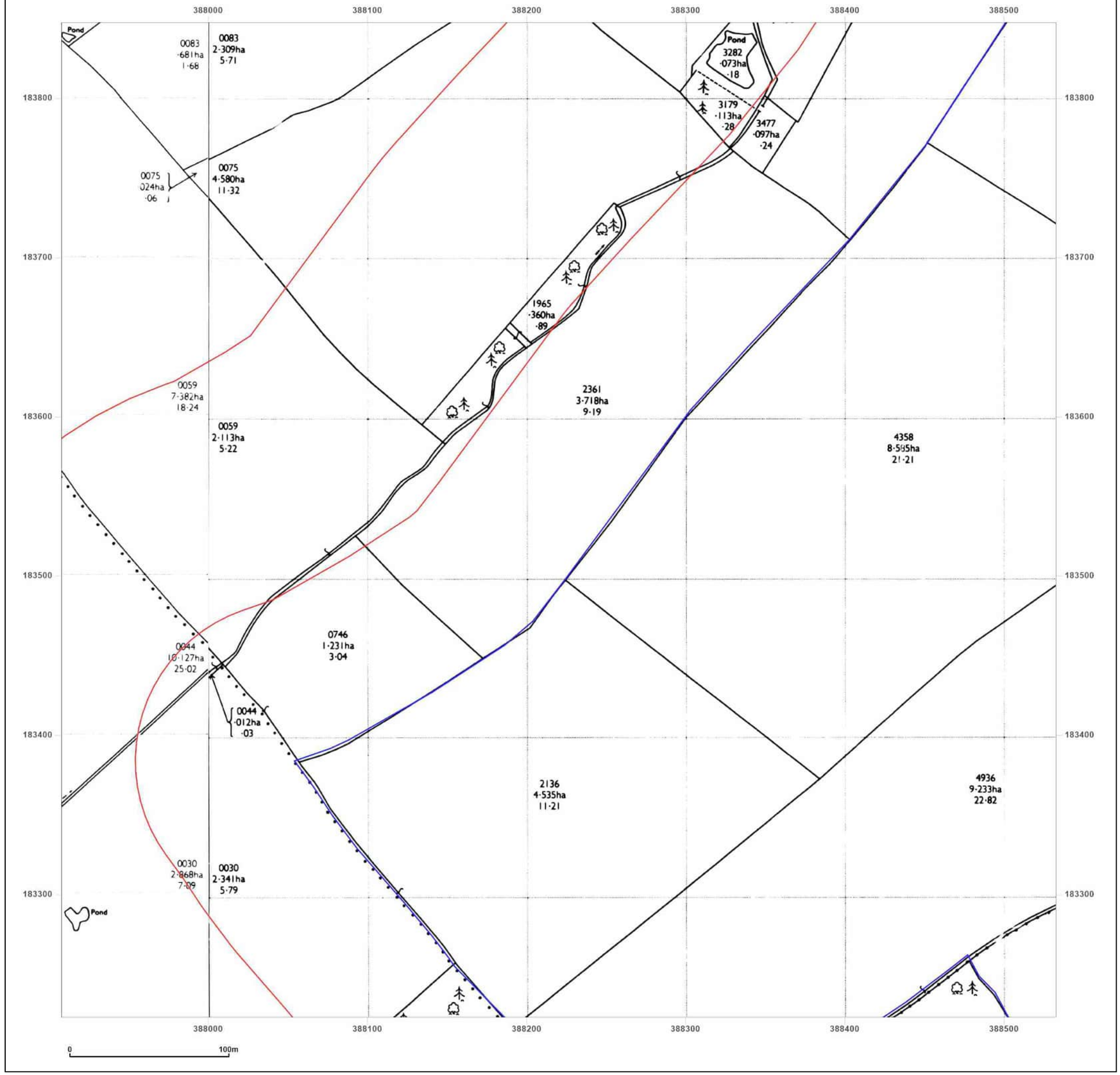
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** National Grid

**Map date:** **1981**

**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

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

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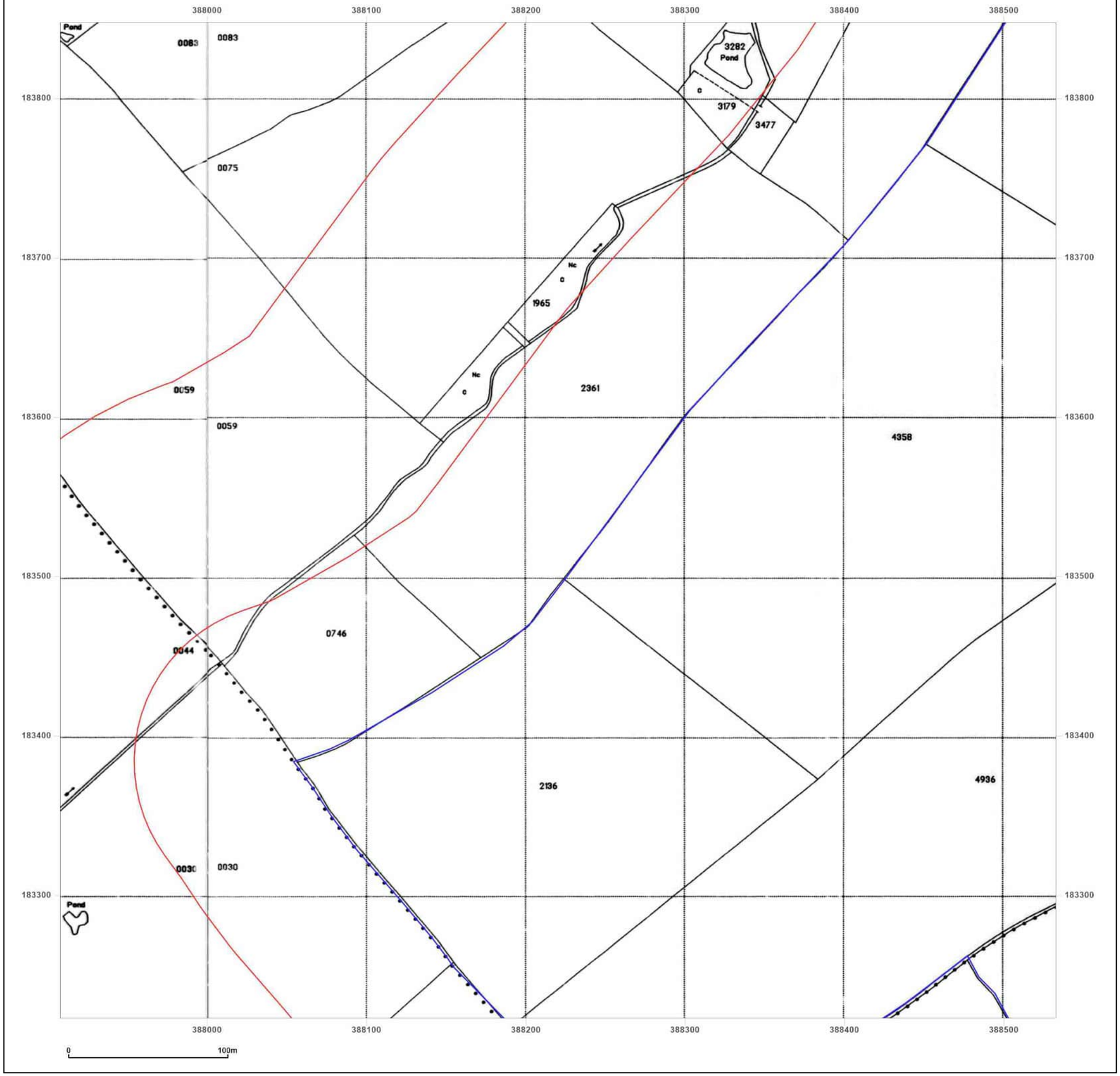


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_2
**Grid Ref:** 388220, 183535

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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
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Production date: 08 October 2024

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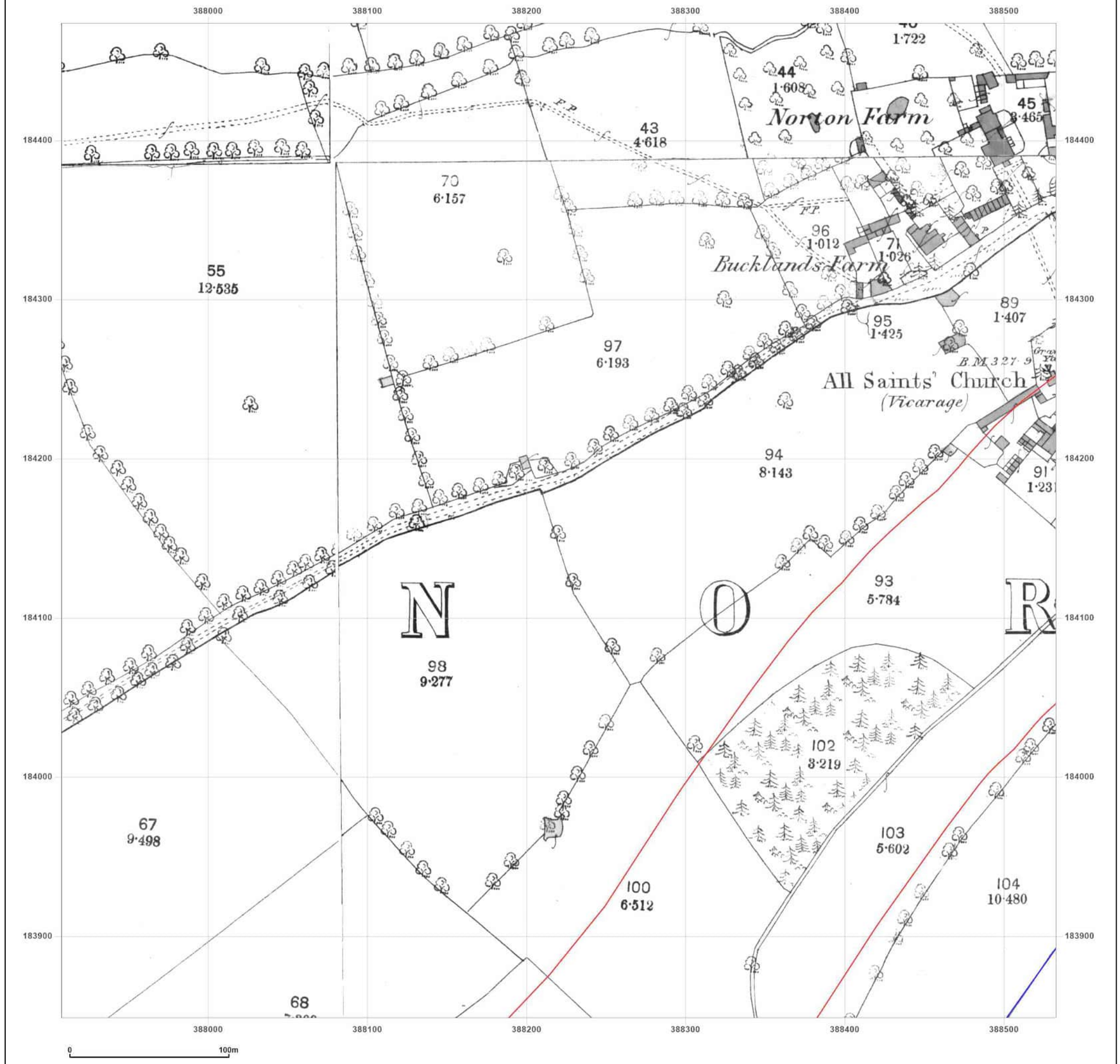


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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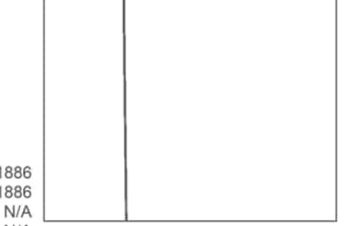
Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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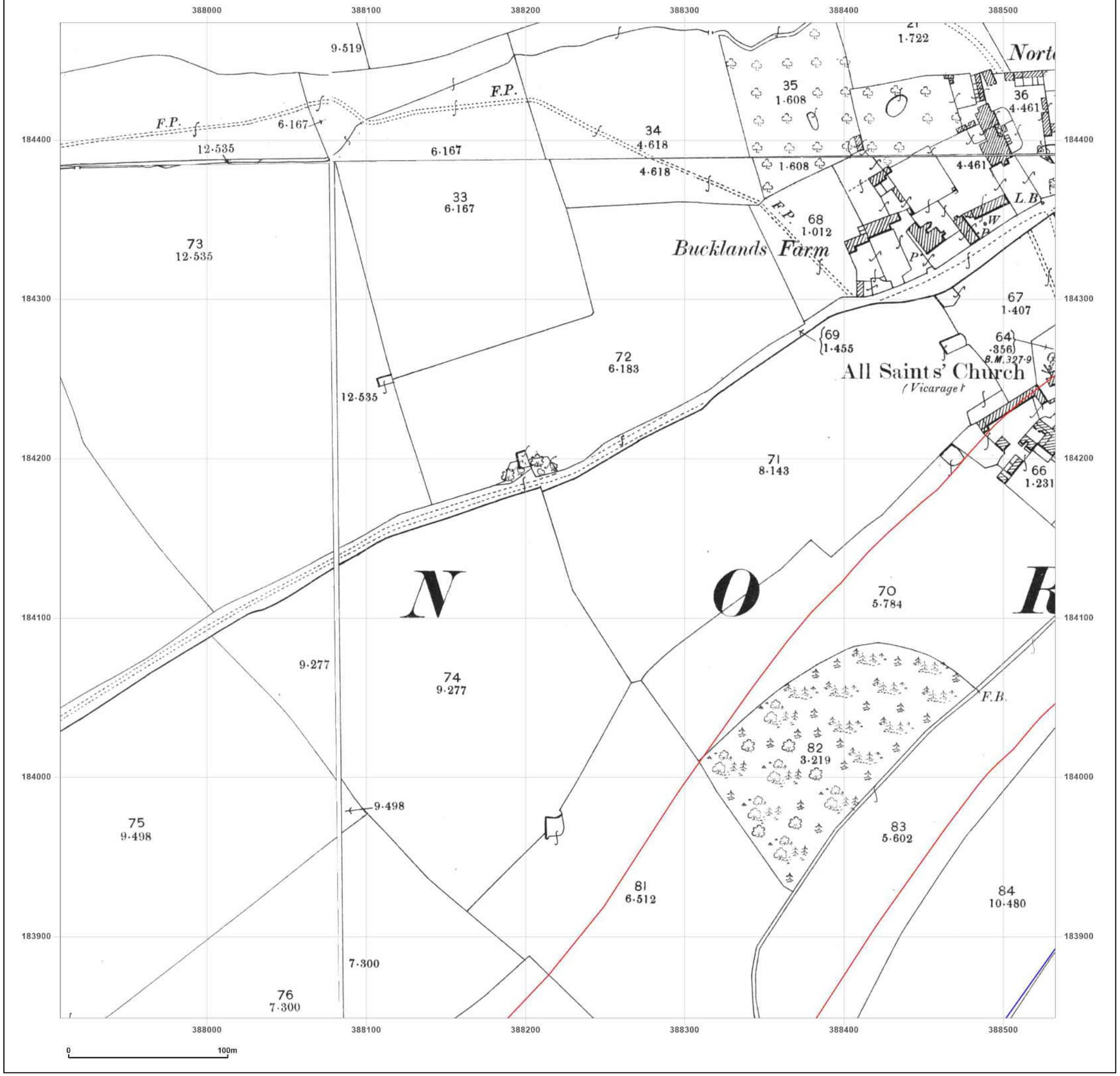
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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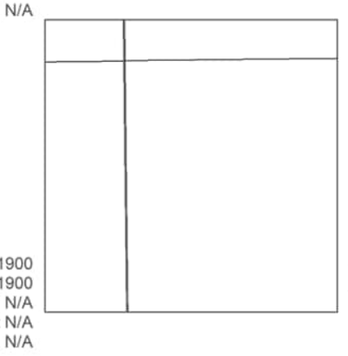
Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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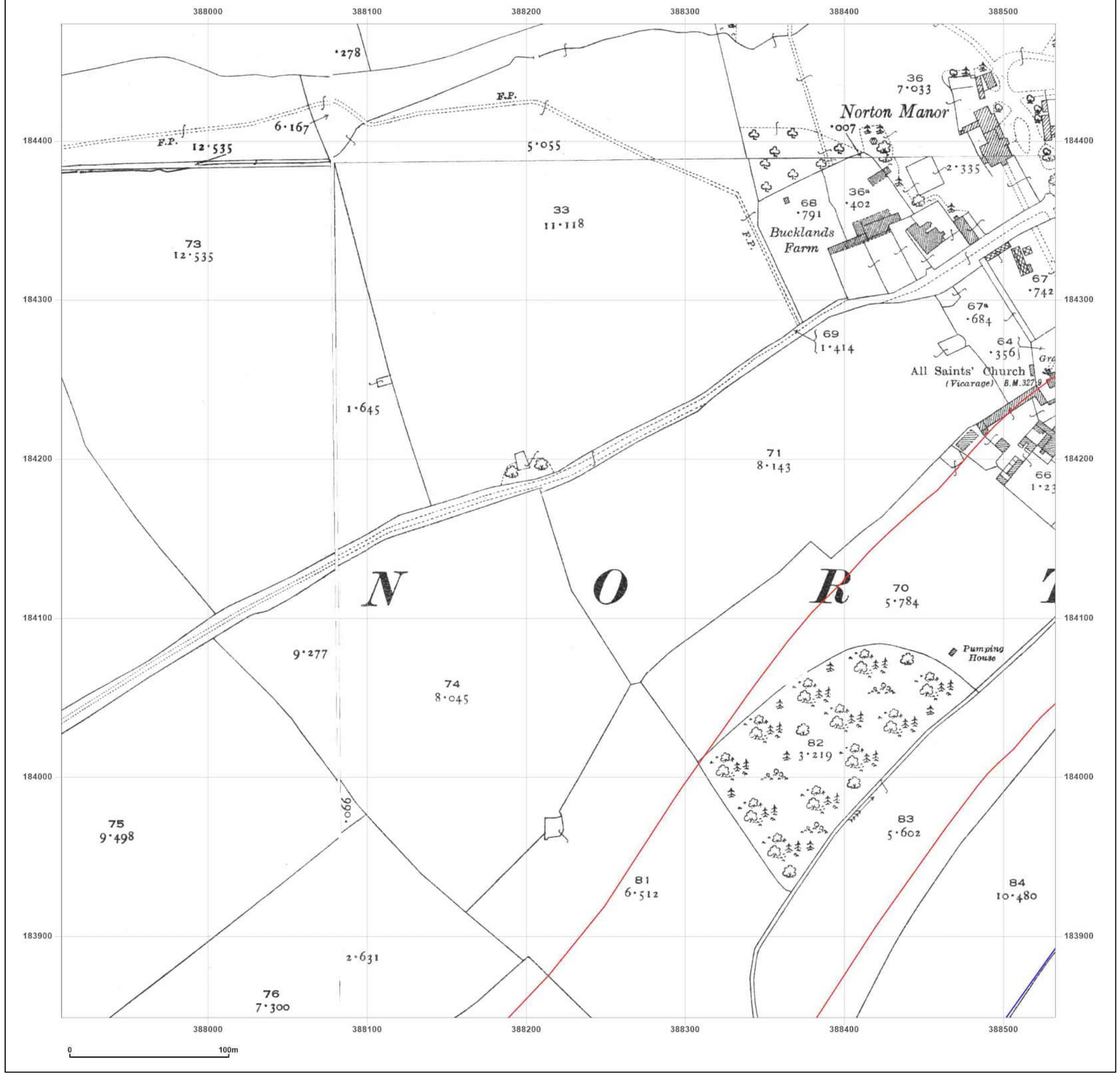
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** County Series

**Map date:** **1921-1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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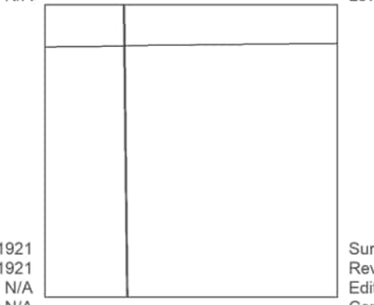
Surveyed 1921
Revised 1921
Edition N/A
Copyright N/A
Levelled N/A

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



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

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

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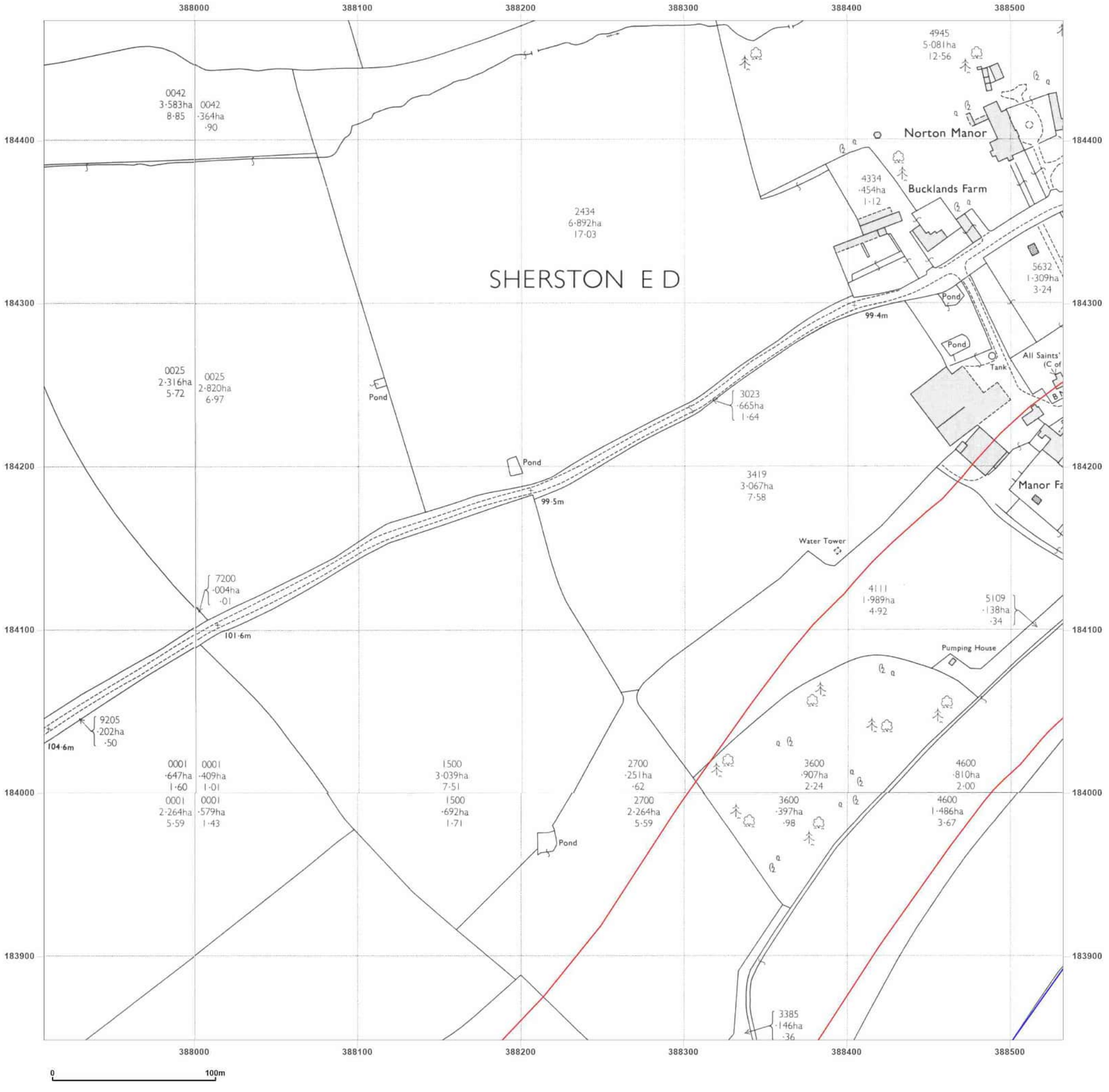
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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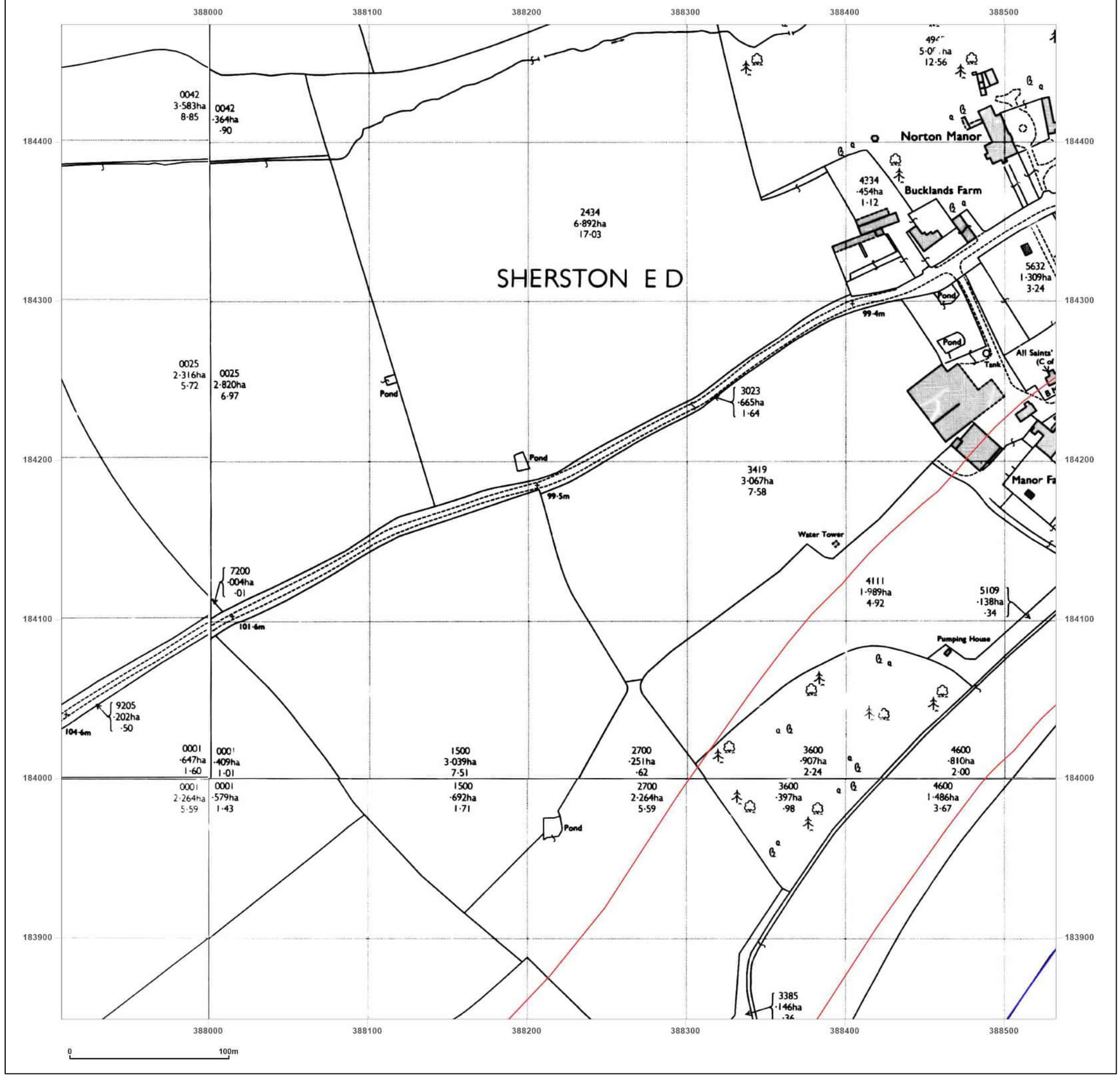


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** National Grid

**Map date:** **1981**

**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

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

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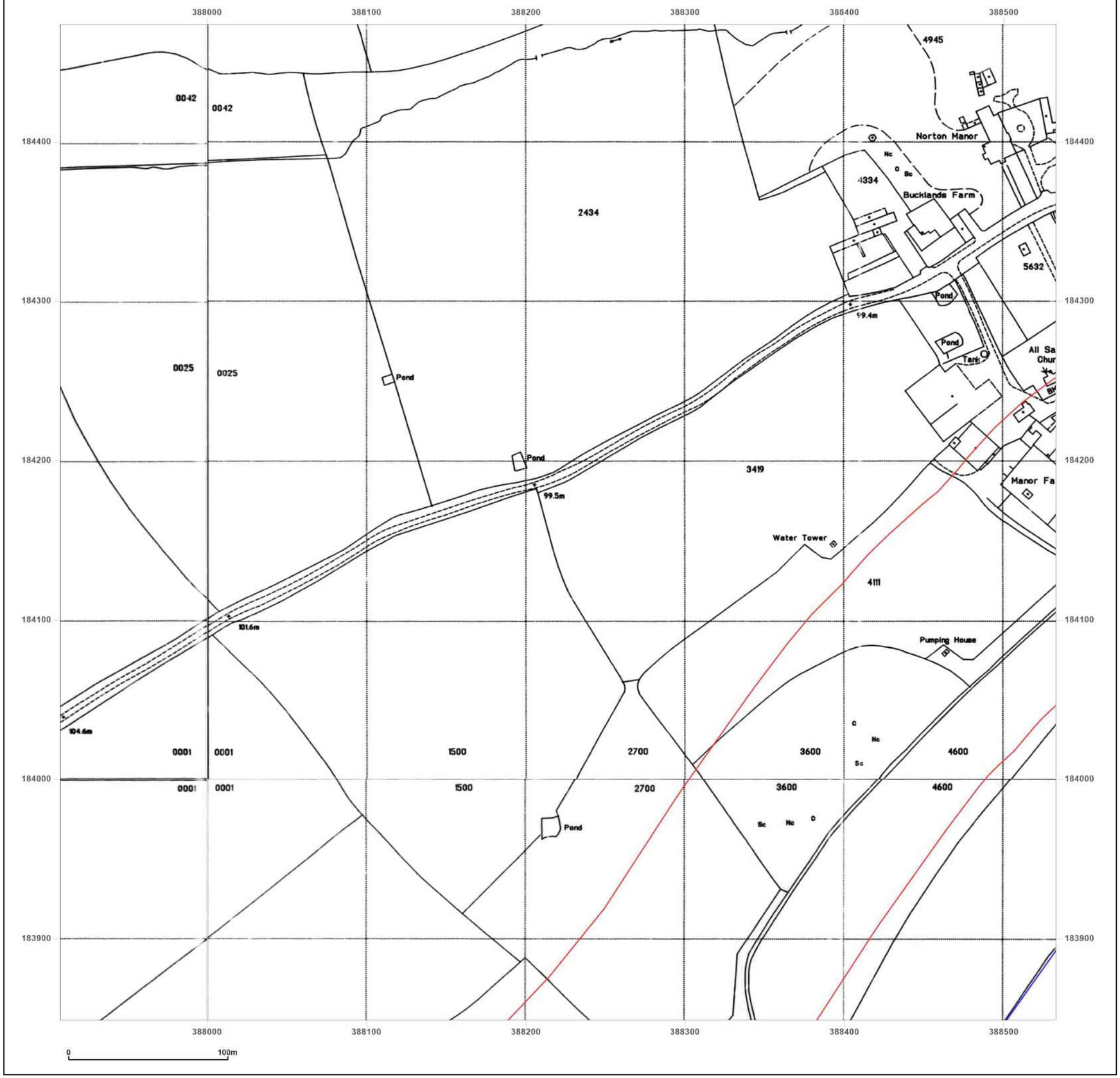
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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

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: 08 October 2024

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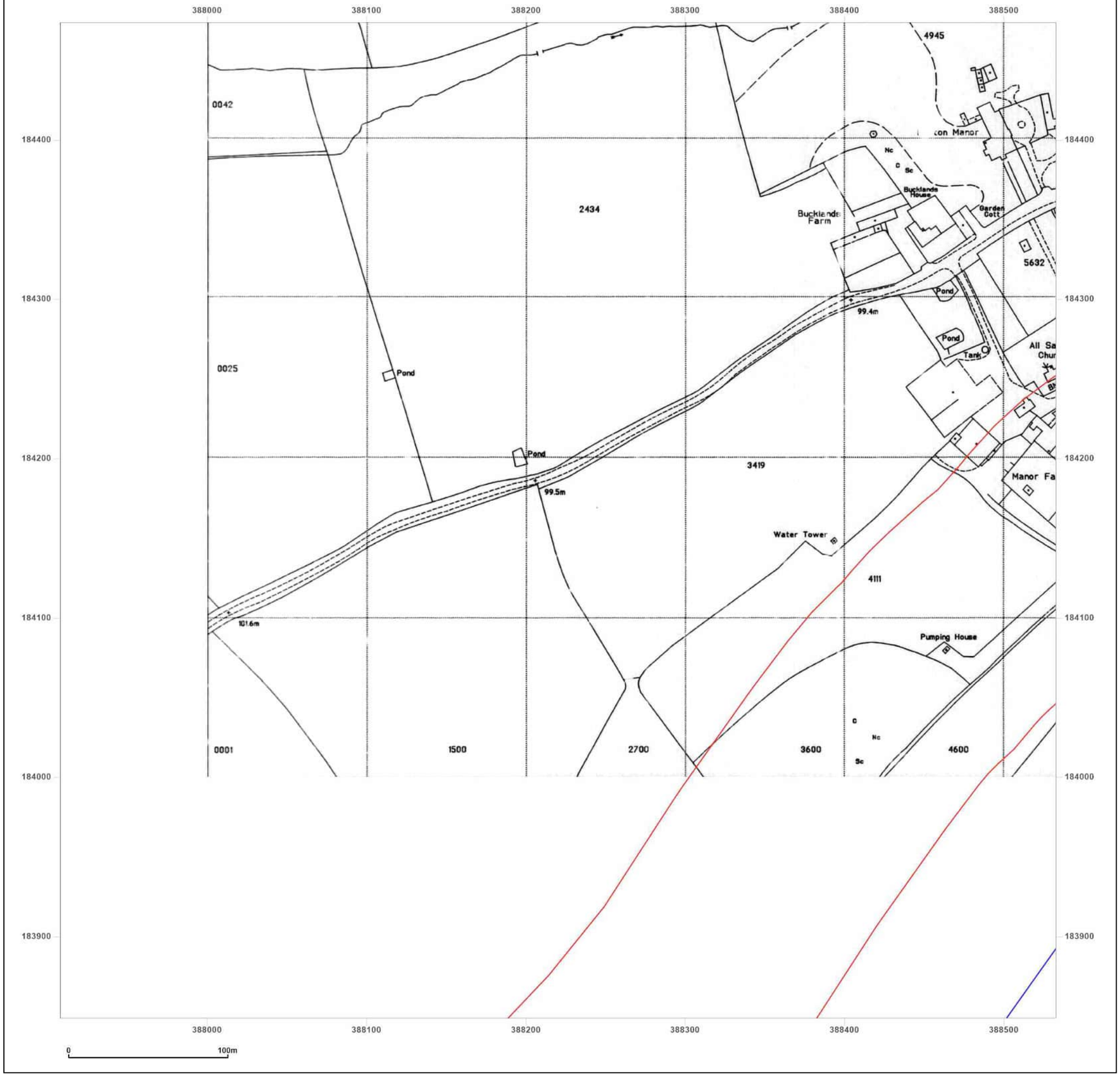


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** National Grid

**Map date:** **1995**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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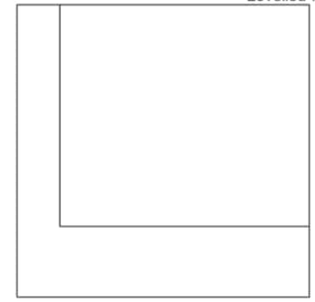
Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A



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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_1_3
**Grid Ref:** 388220, 184161

**Map Name:** National Grid

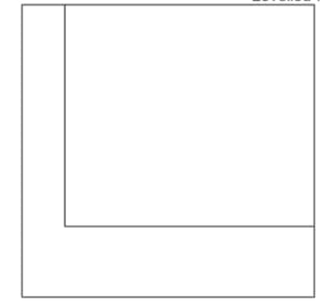
**Map date:** **1995**

**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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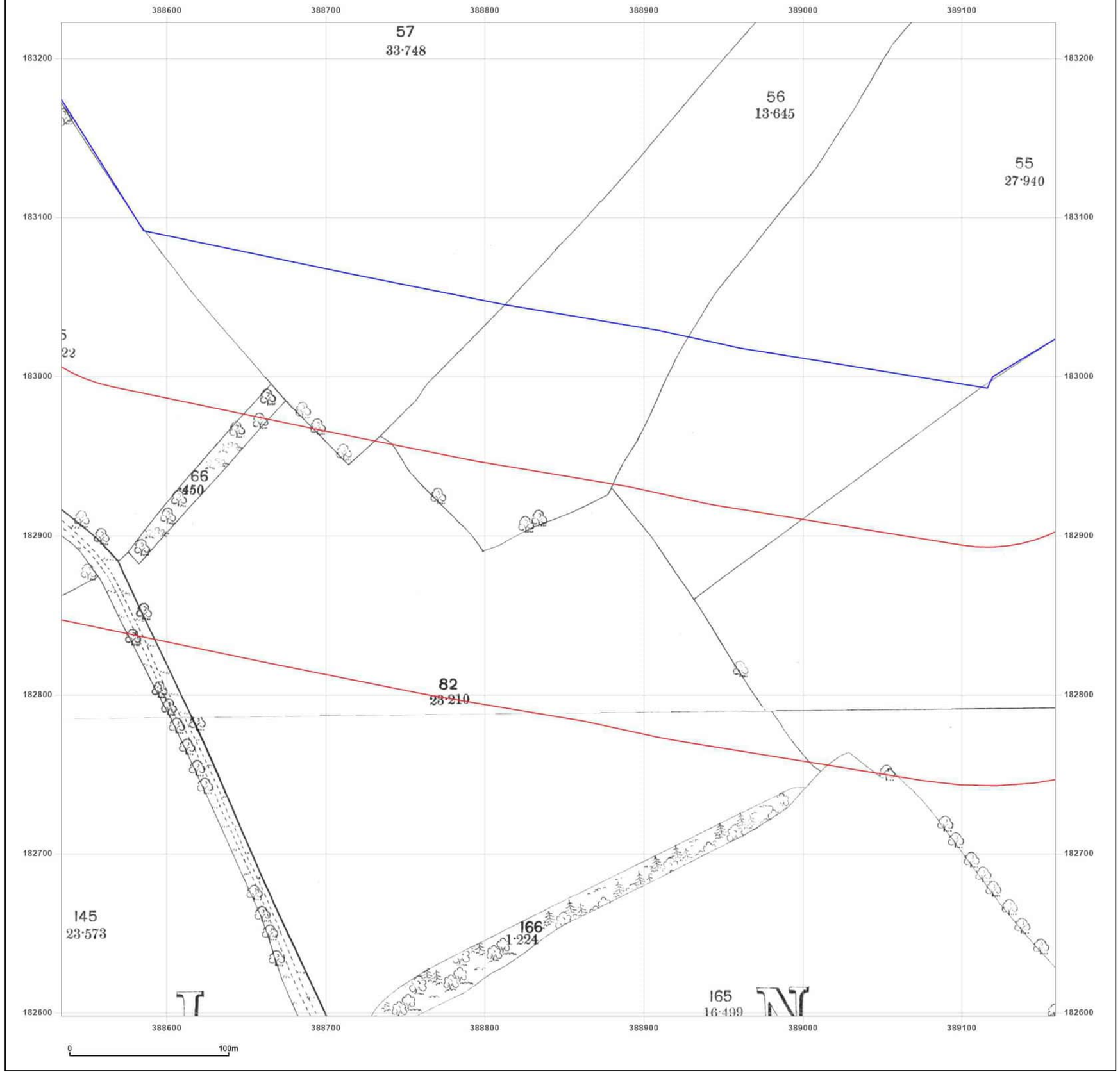


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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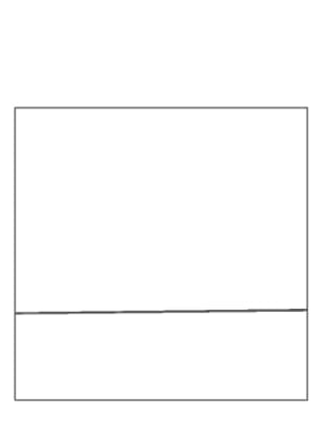


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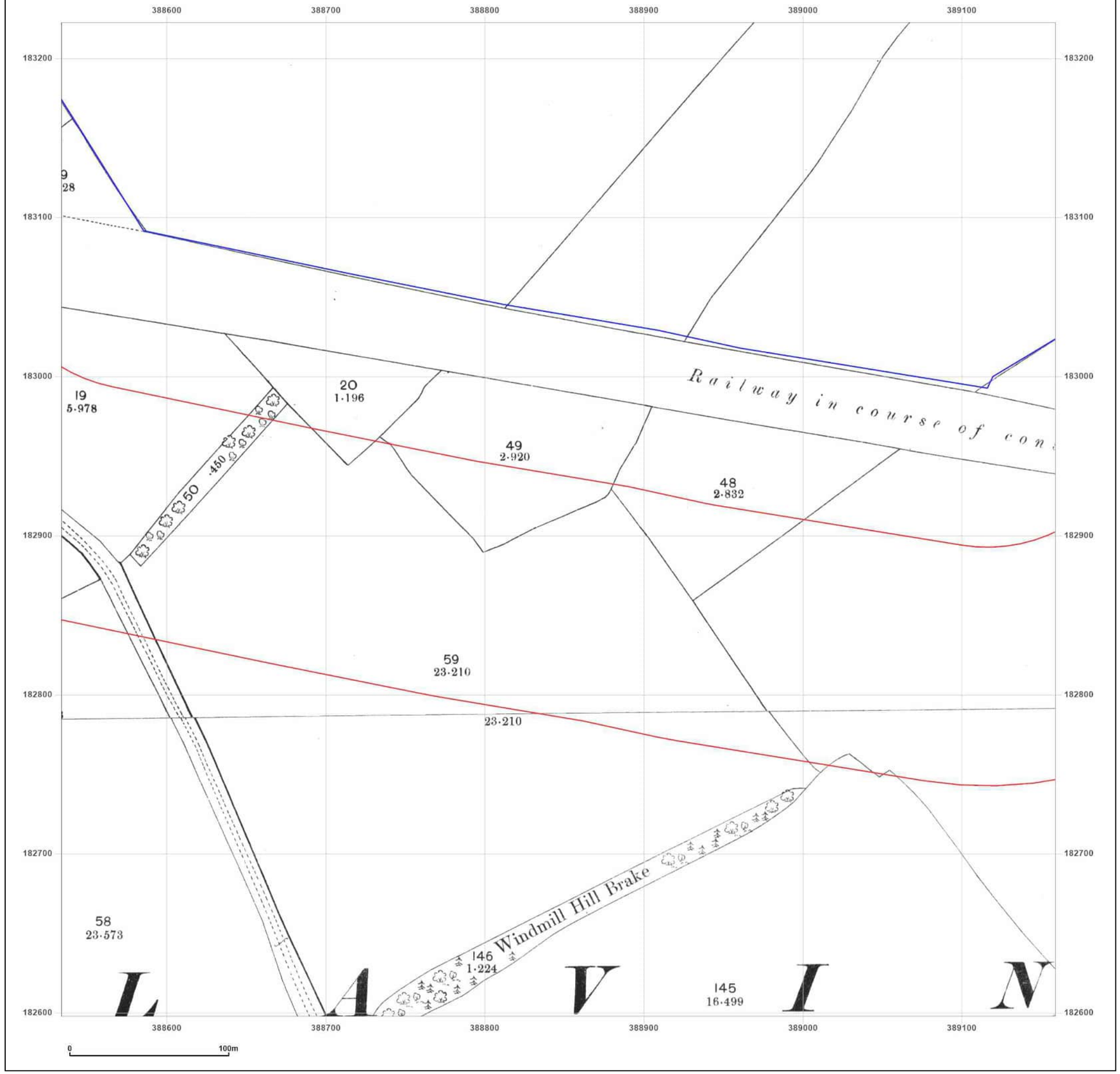


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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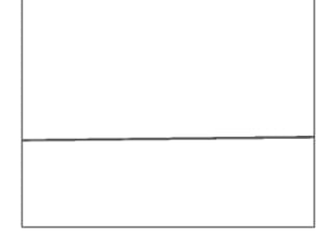


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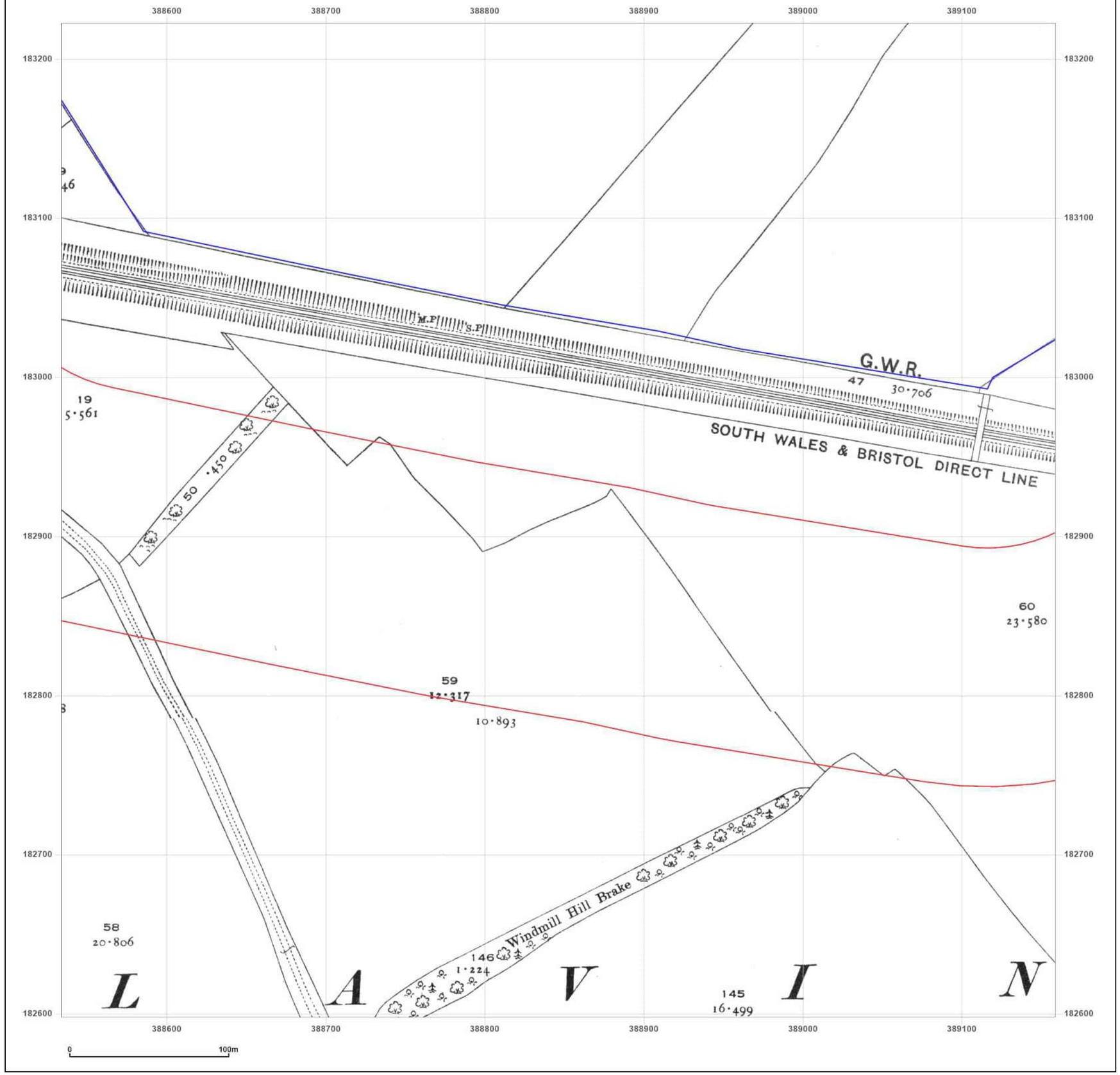
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** County Series

**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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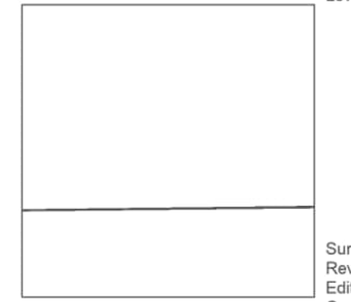


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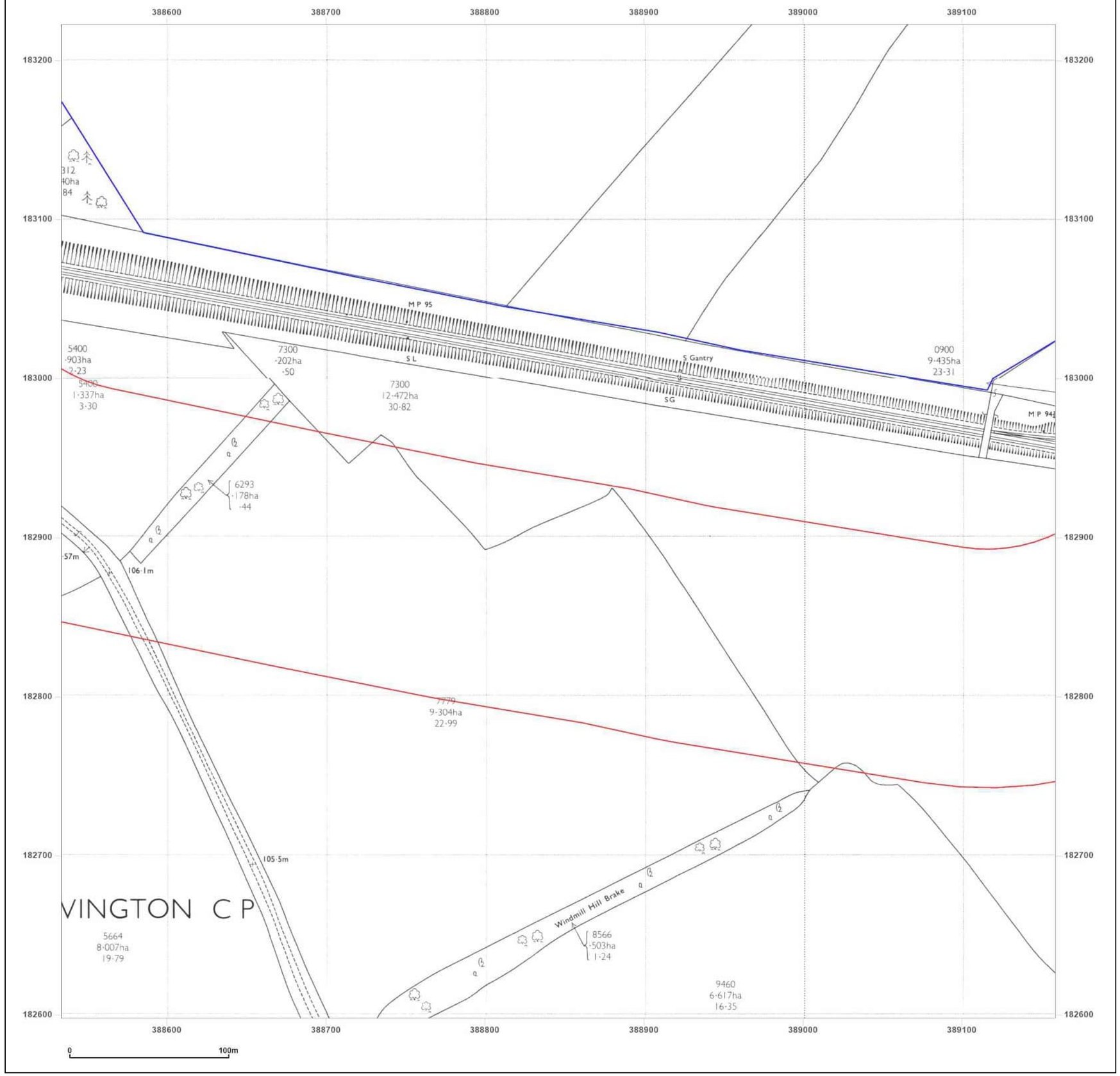


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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Production date: 08 October 2024

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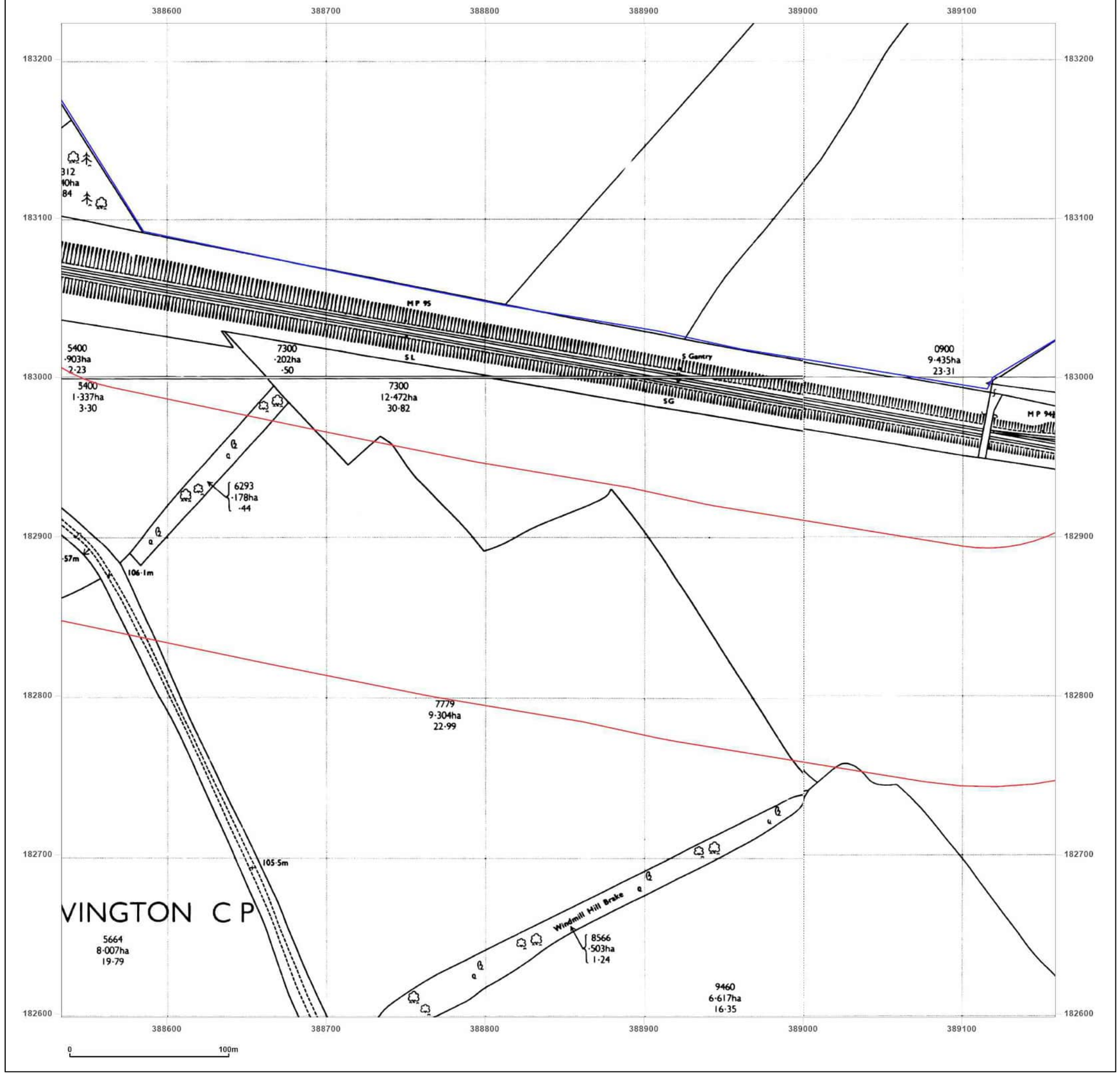


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** National Grid

**Map date:** **1981**

**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

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 N/A
Revised N/A
Edition N/A
Copyright N/A
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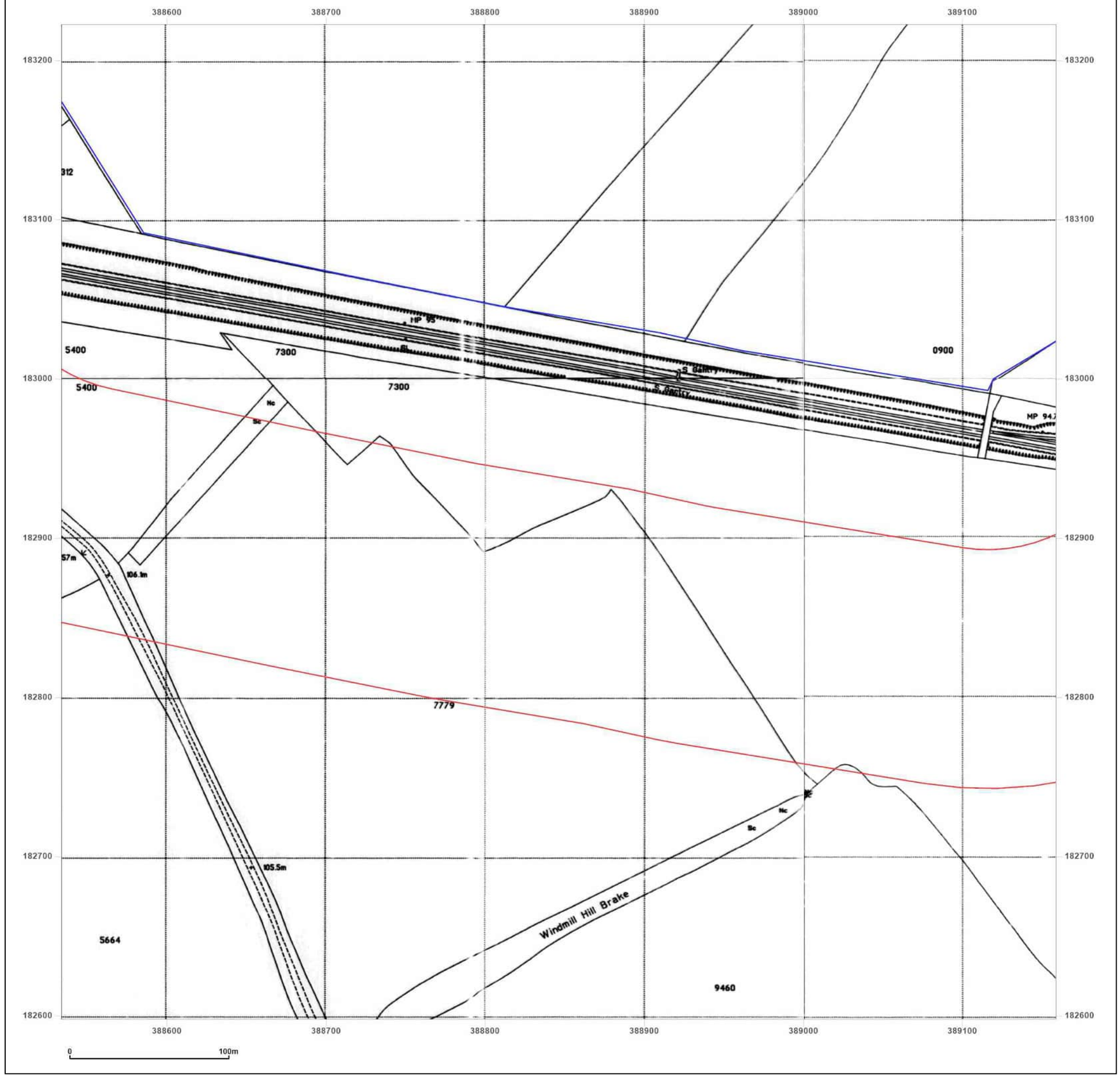


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_1
**Grid Ref:** 388846, 182910

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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

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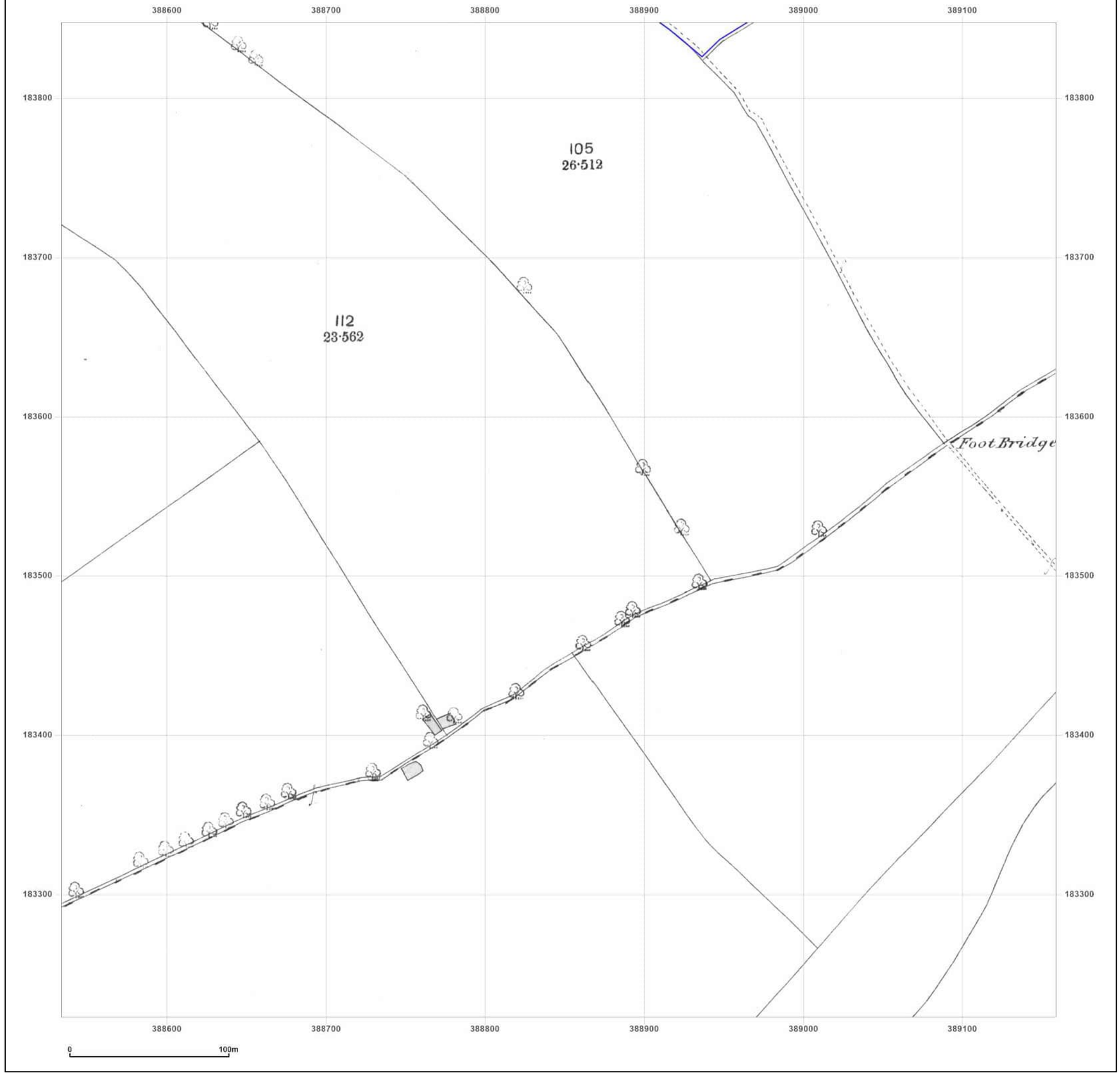


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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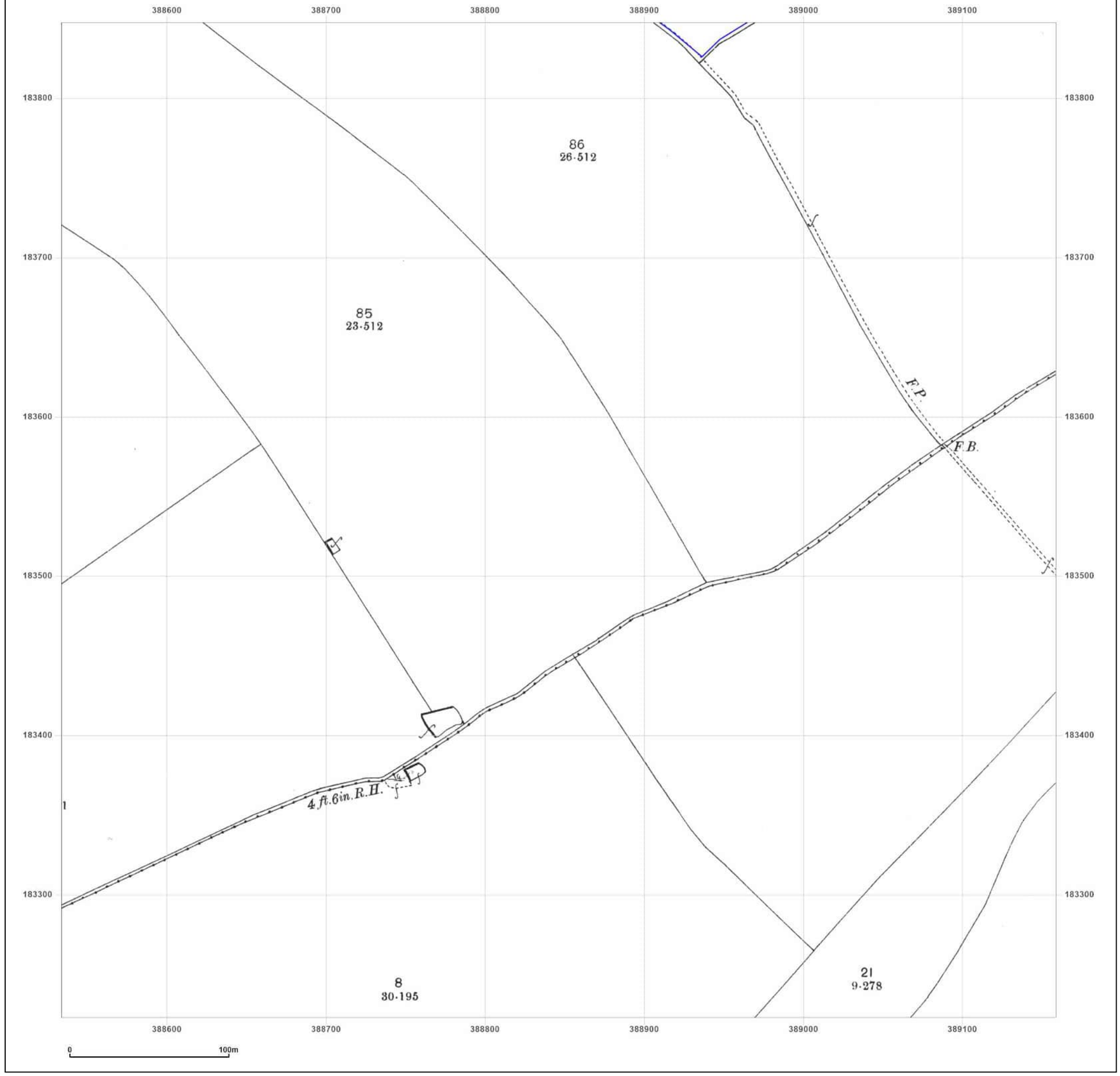
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** County Series
**Map date:** **1900**
**Scale:** 1:2,500
**Printed at:** 1:2,500

N
W E
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Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 08 October 2024

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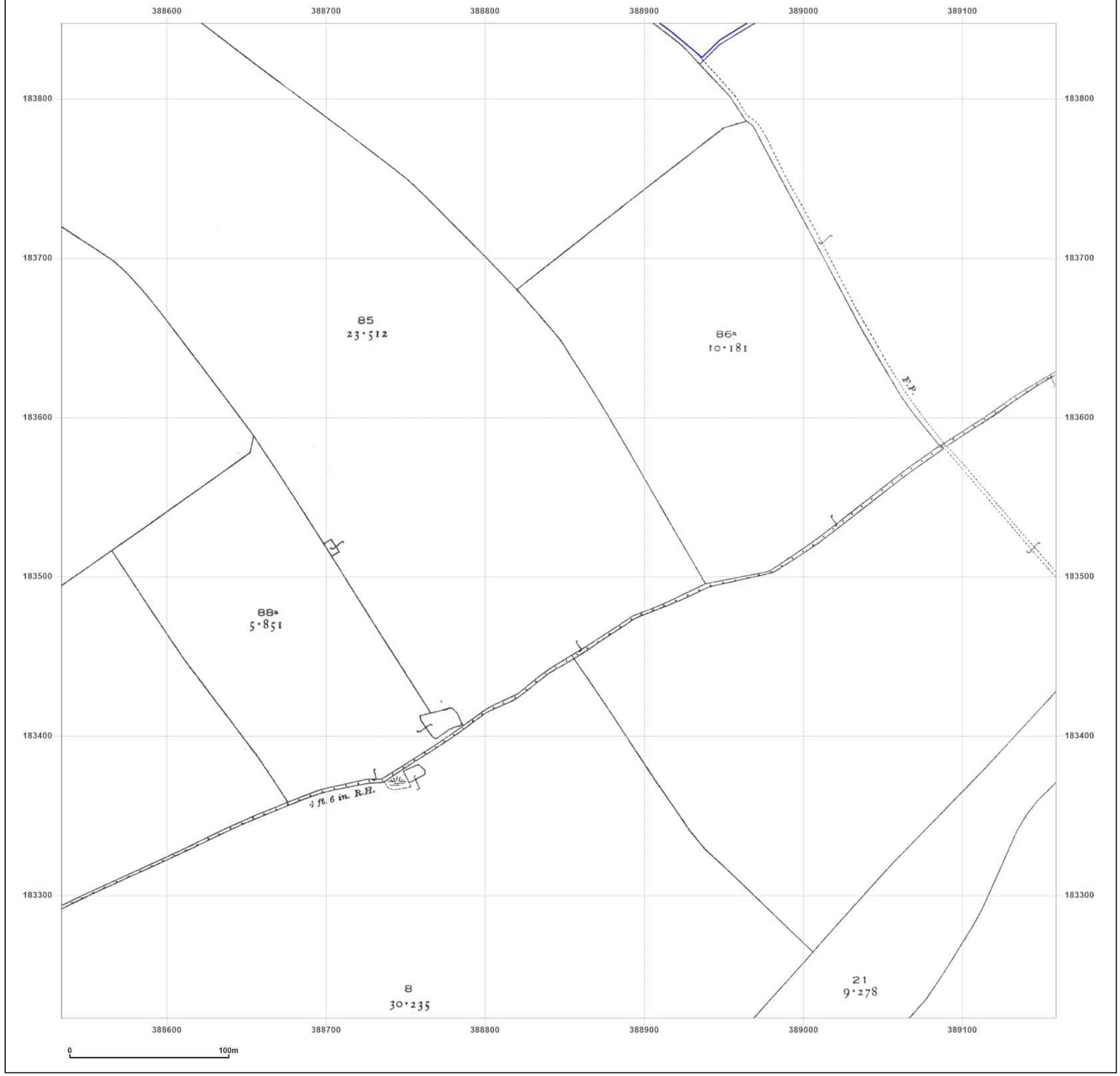


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** County Series

**Map date:** **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

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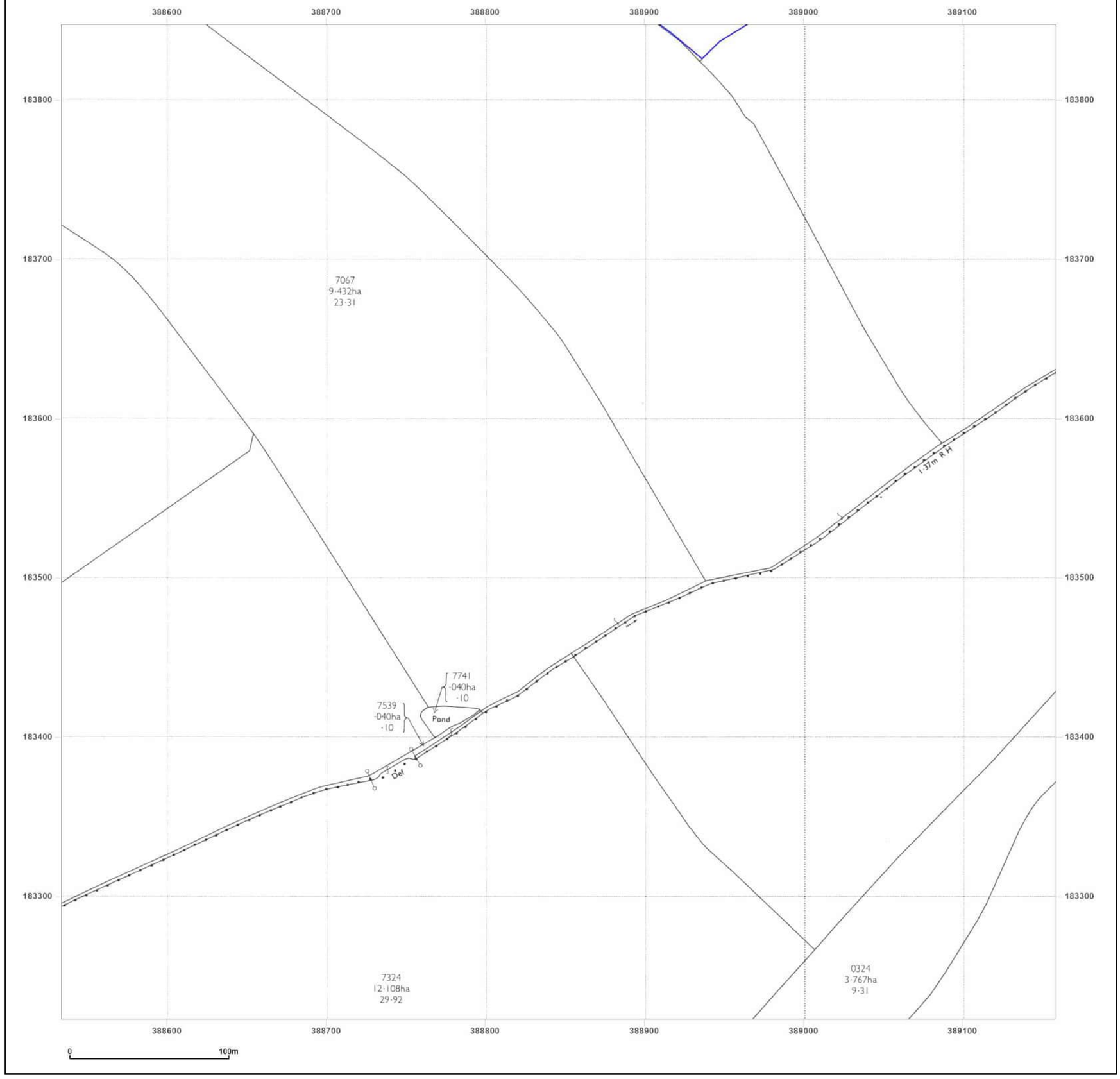
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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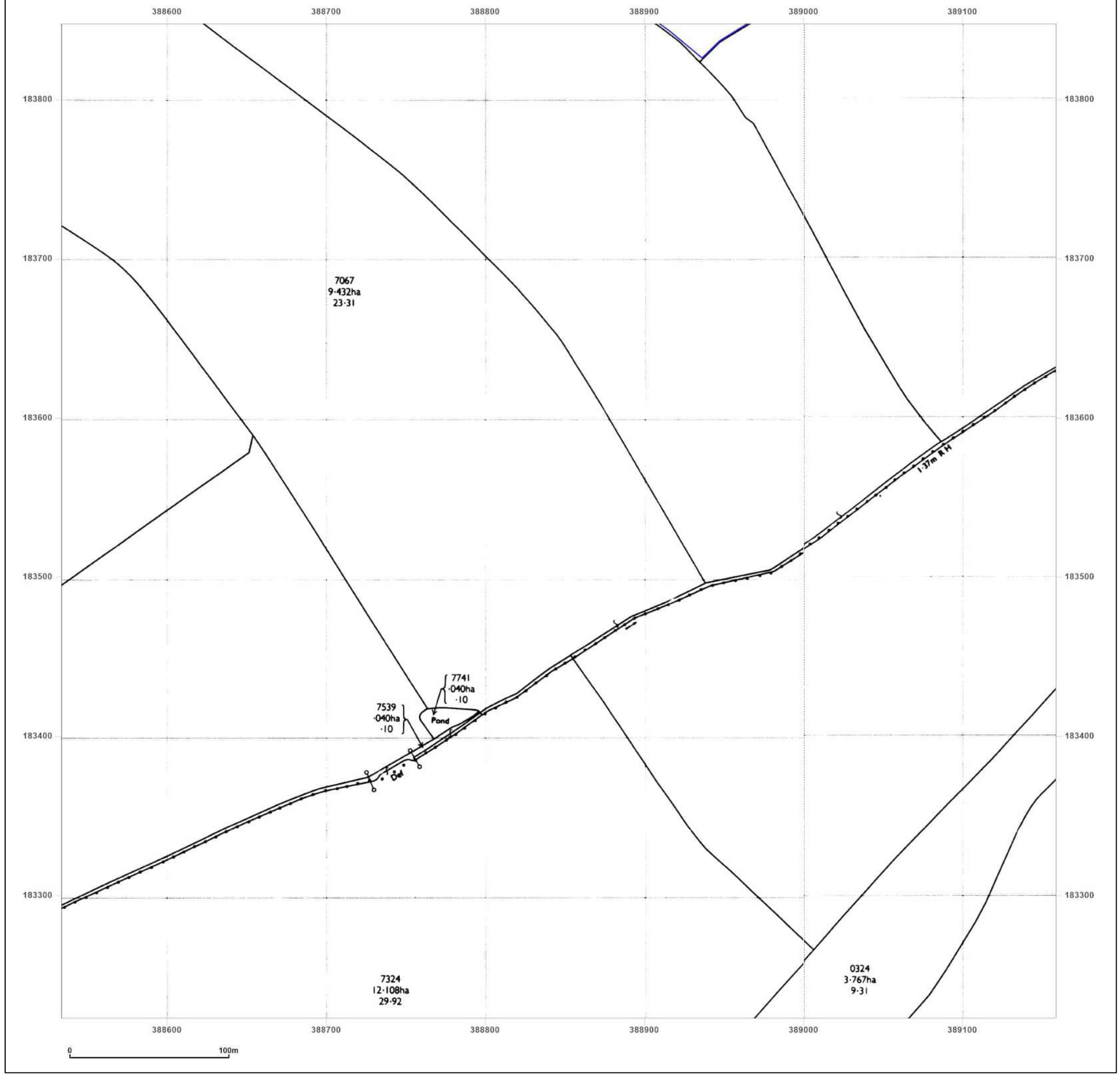
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** National Grid

**Map date:** **1981**

**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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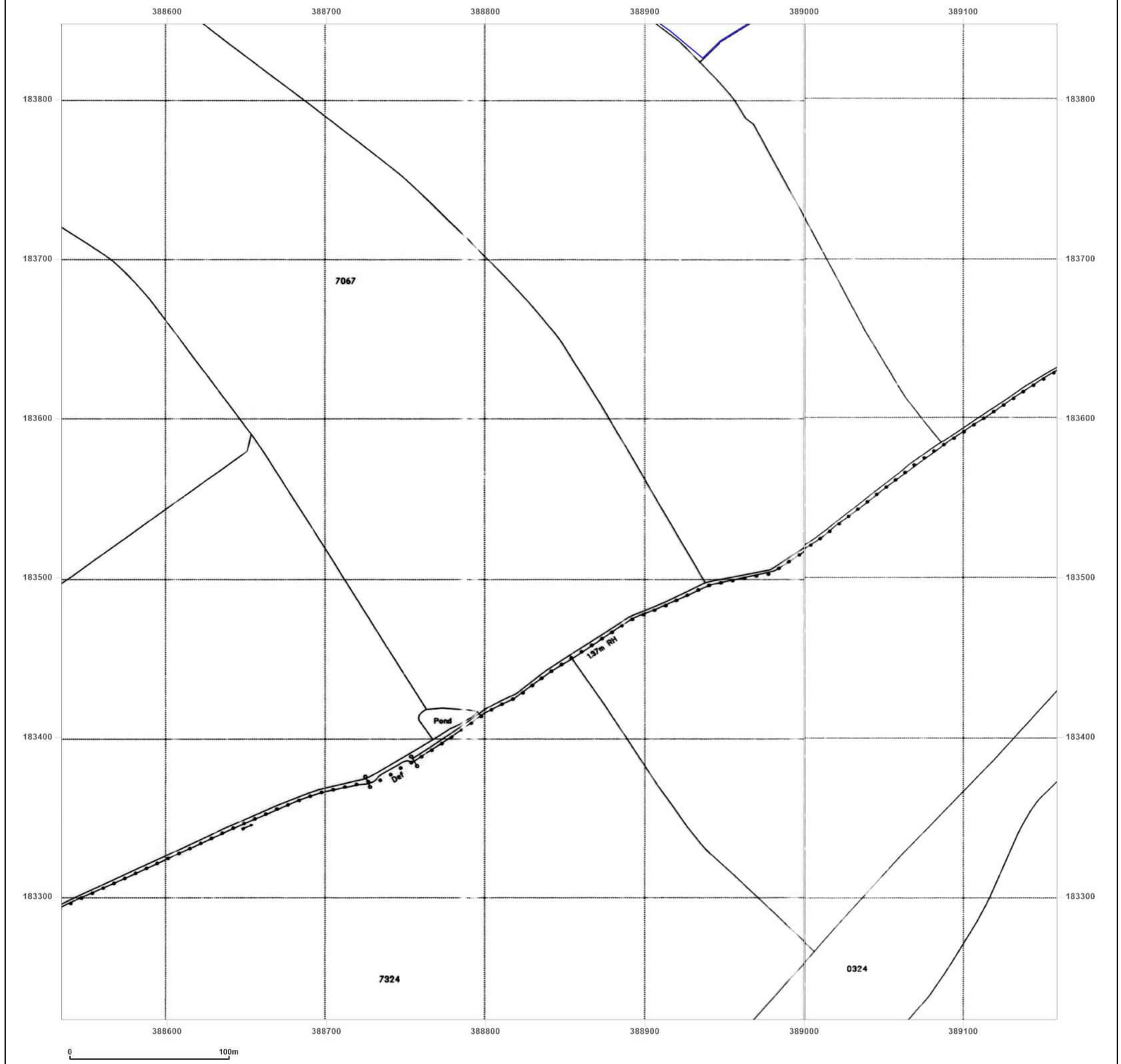


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_2
**Grid Ref:** 388846, 183535

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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: 08 October 2024

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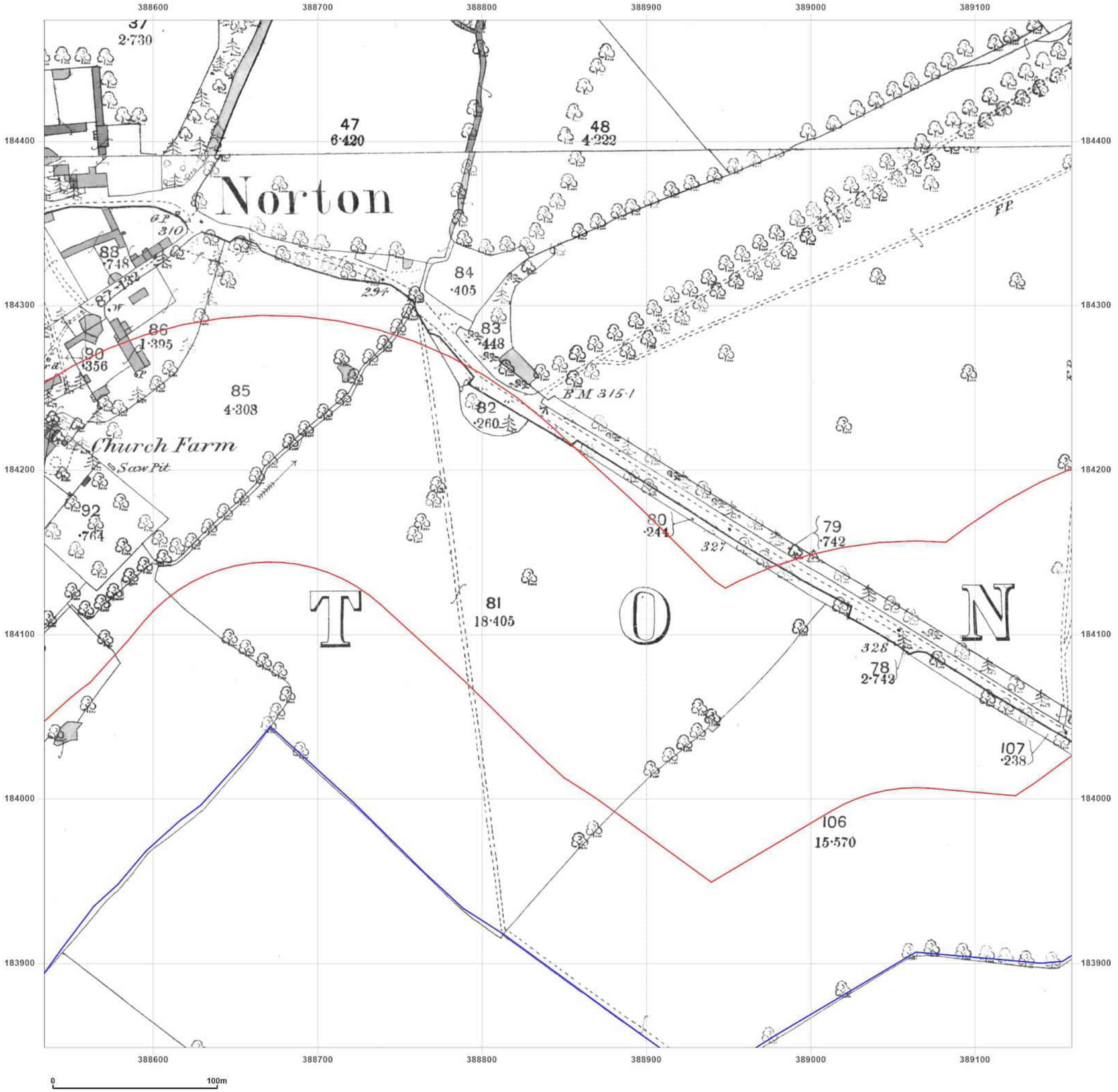


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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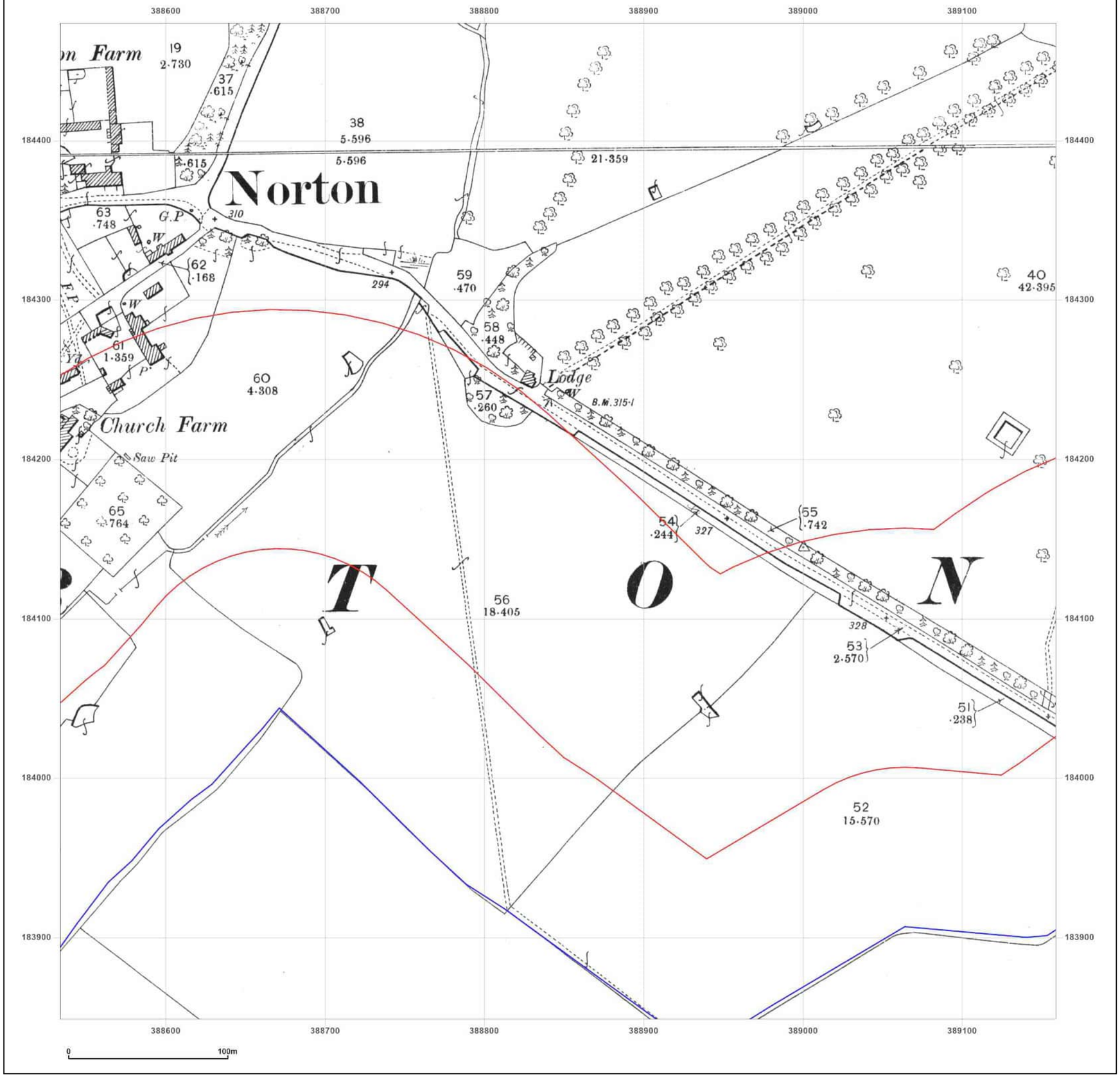
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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Production date: 08 October 2024

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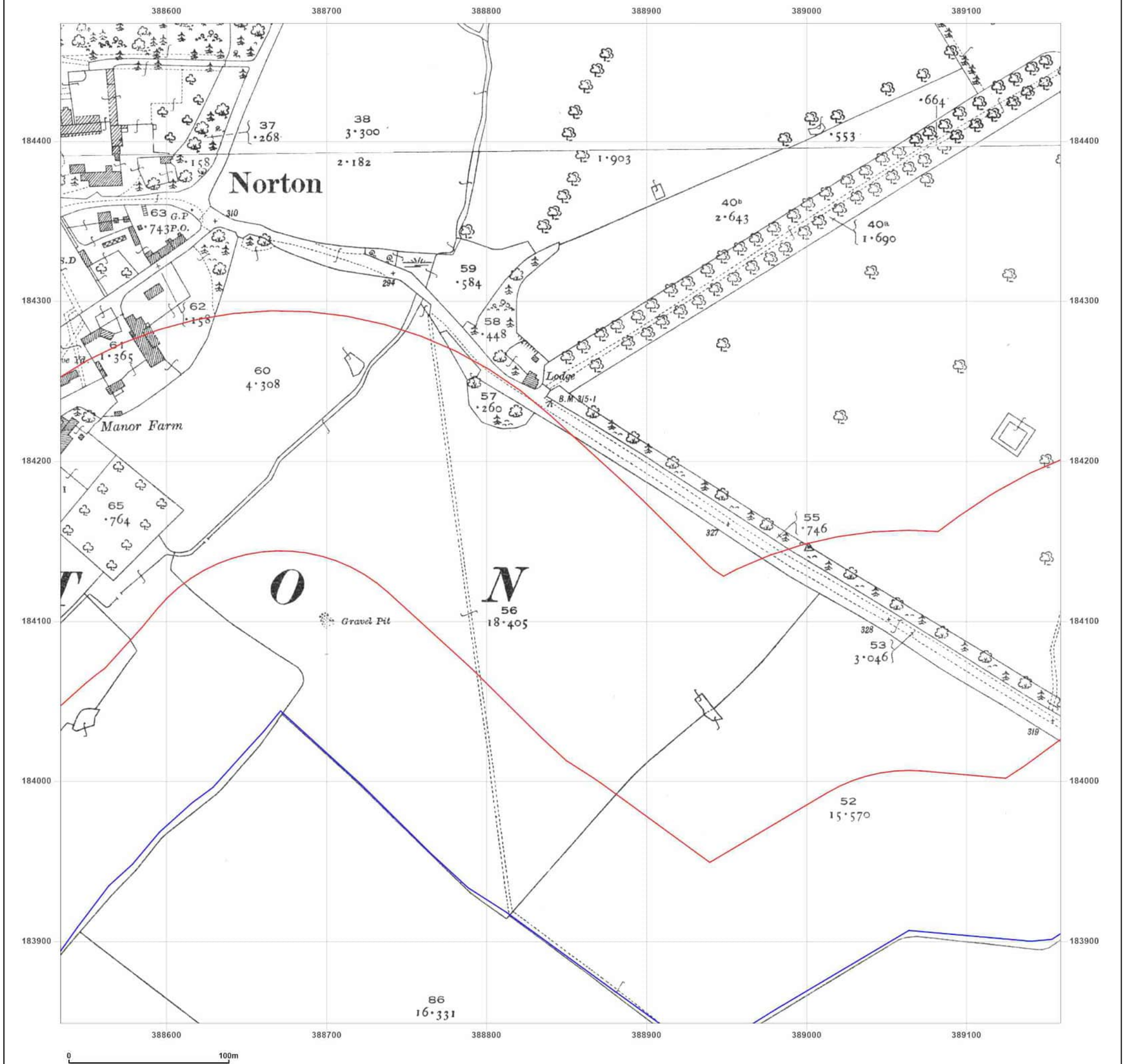


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** County Series

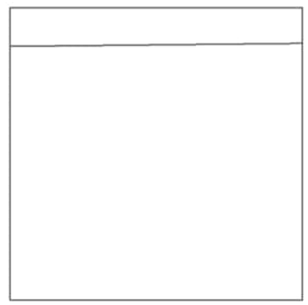
**Map date:** **1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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



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

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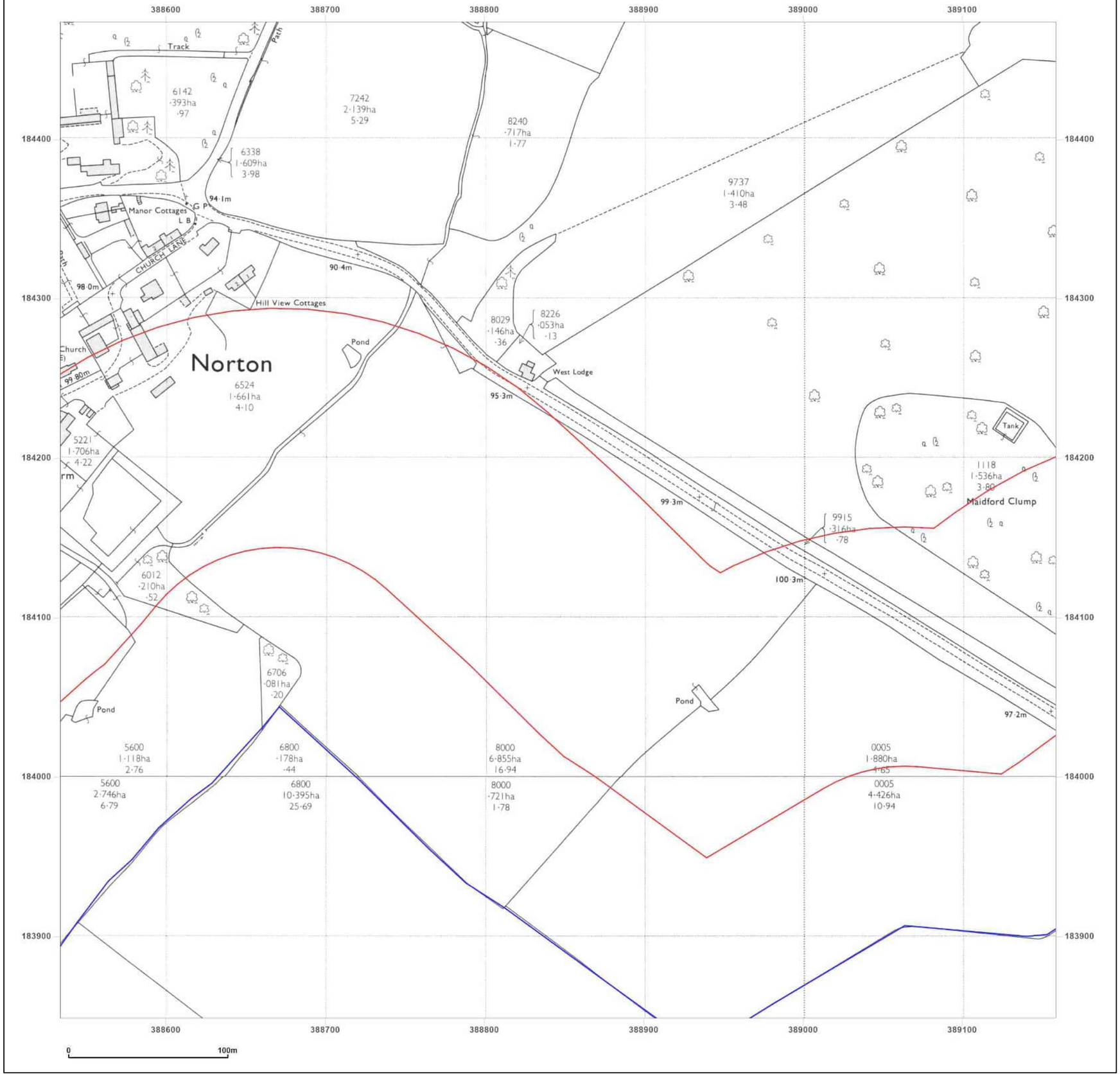
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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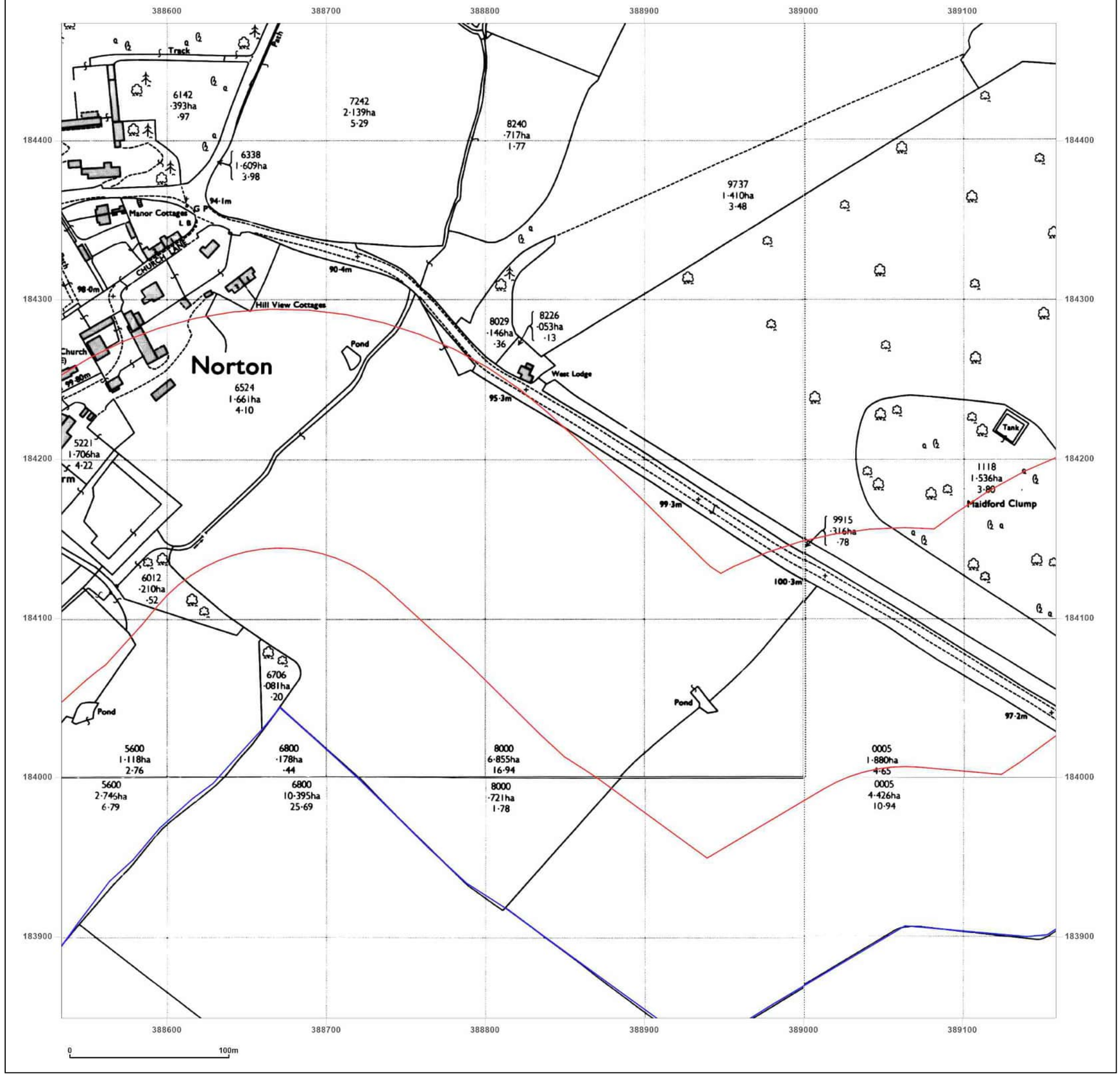
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** National Grid

**Map date:** **1981**

**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 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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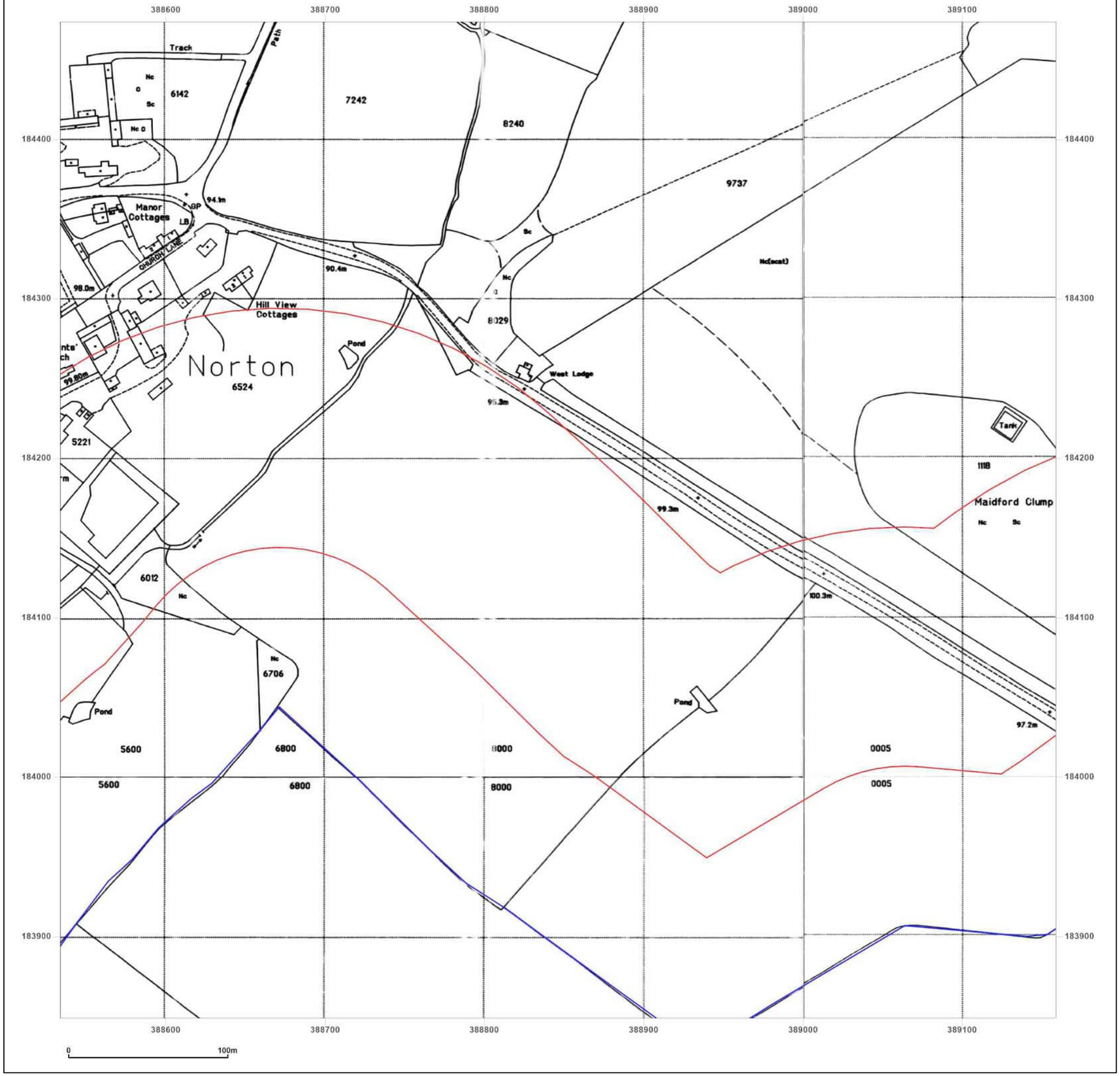


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** National Grid

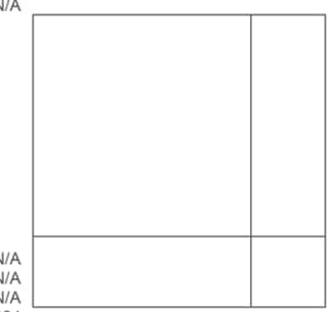
**Map date:** **1994**

**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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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** National Grid

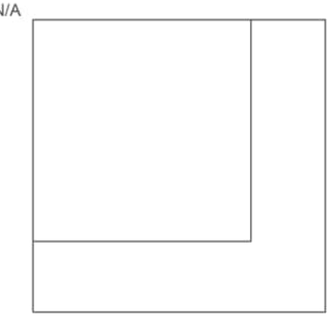
**Map date:** **1995**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed N/A
Revised N/A
Edition N/A
Copyright 1995
Levelled N/A



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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_2_3
**Grid Ref:** 388846, 184161

**Map Name:** National Grid

**Map date:** **1995**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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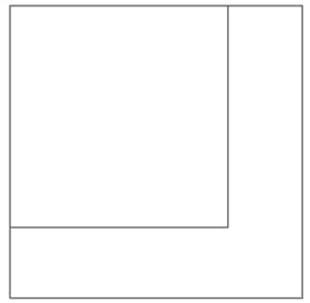
Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



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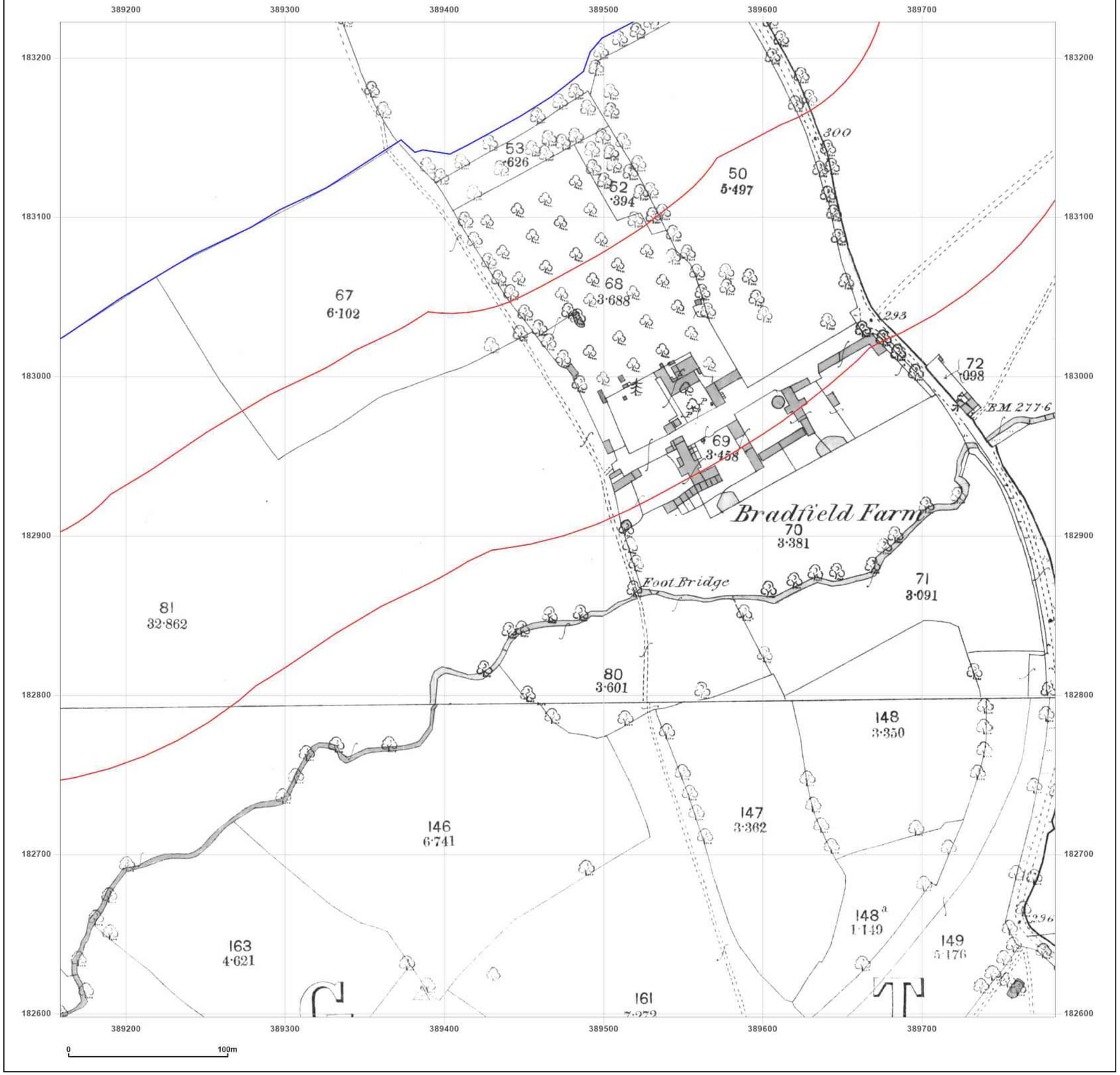


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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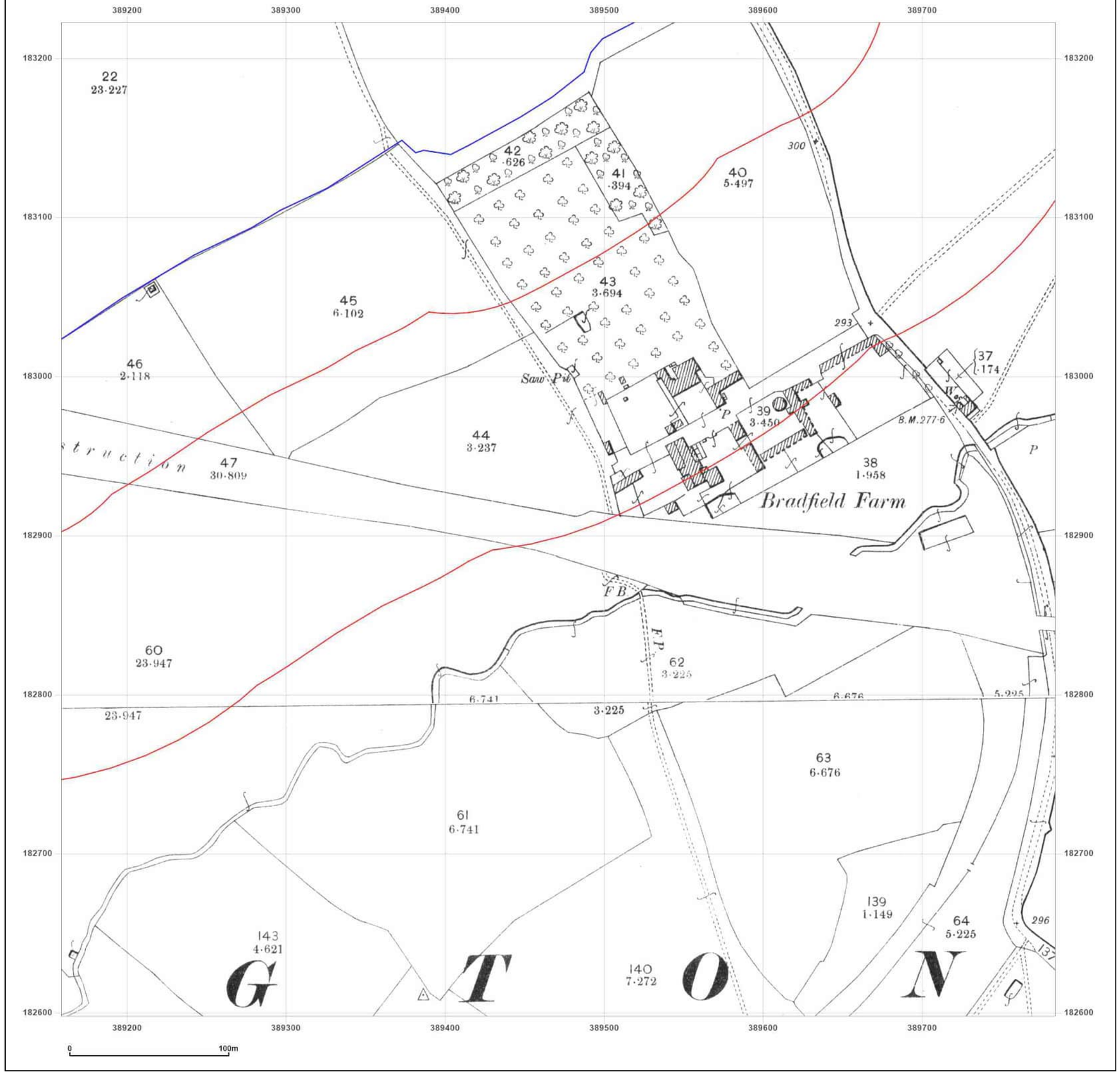
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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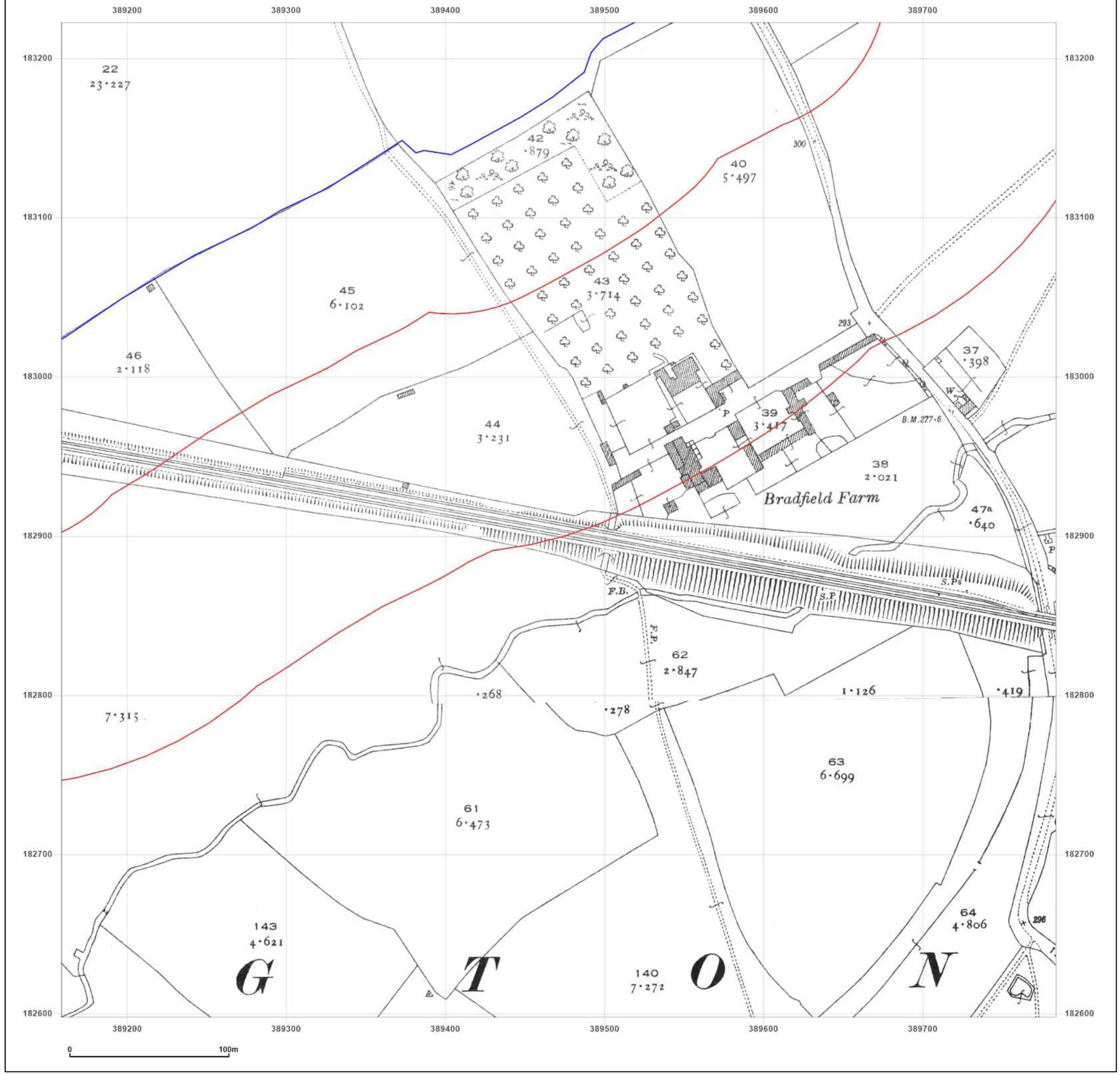


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**Map Name:** County Series

**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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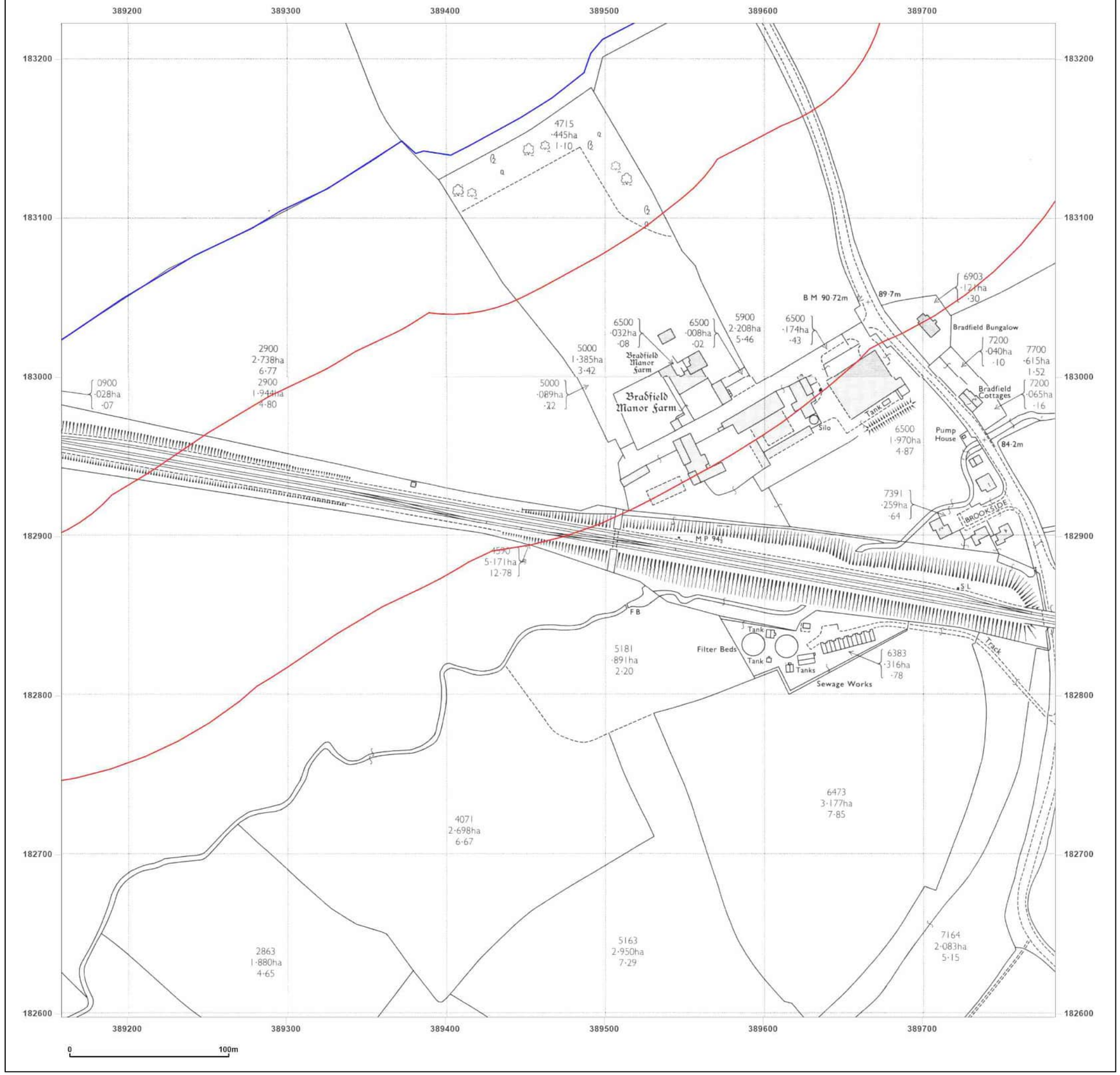
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N W E S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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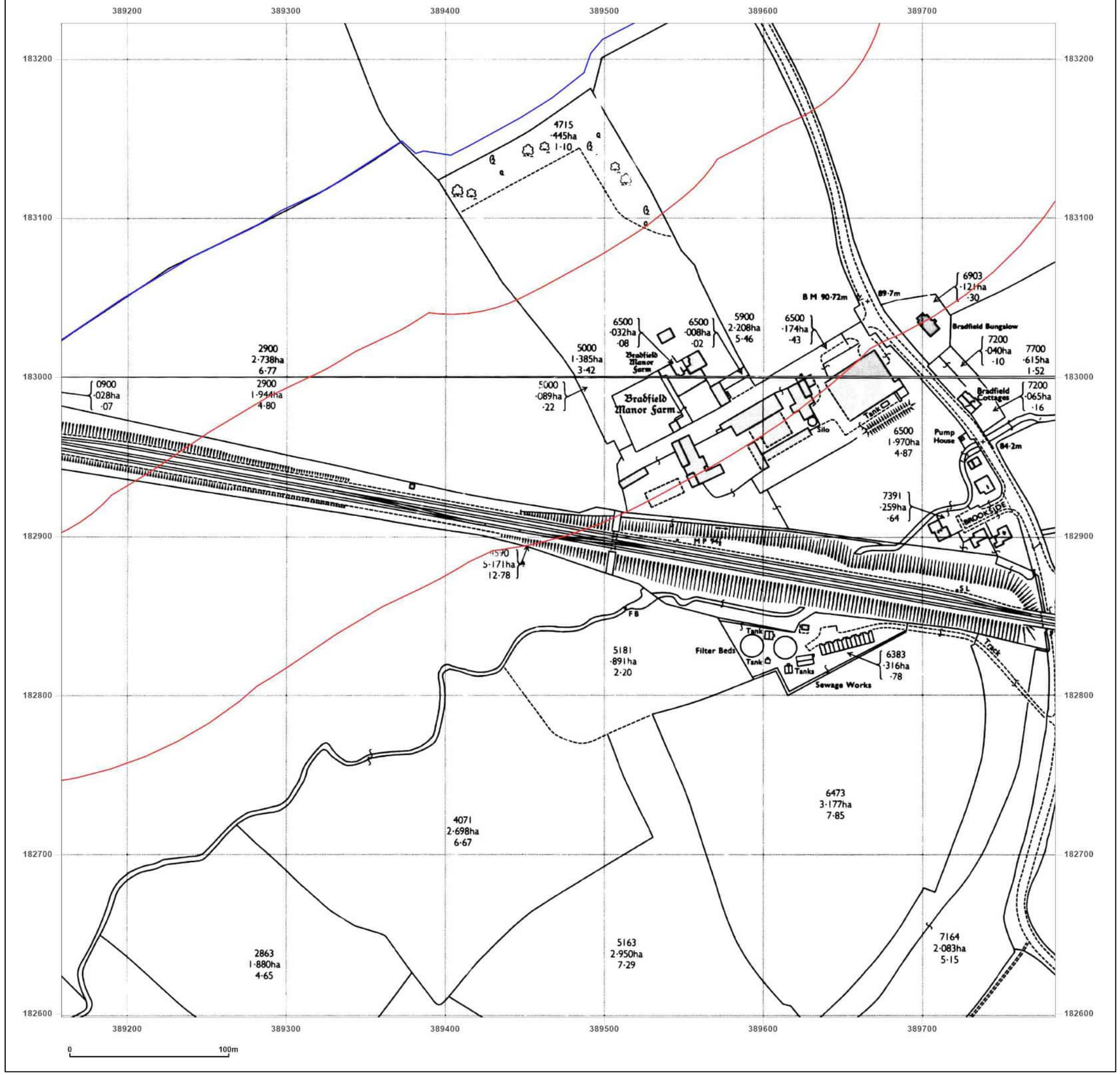
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**Map Name:** National Grid

**Map date:** **1981**

**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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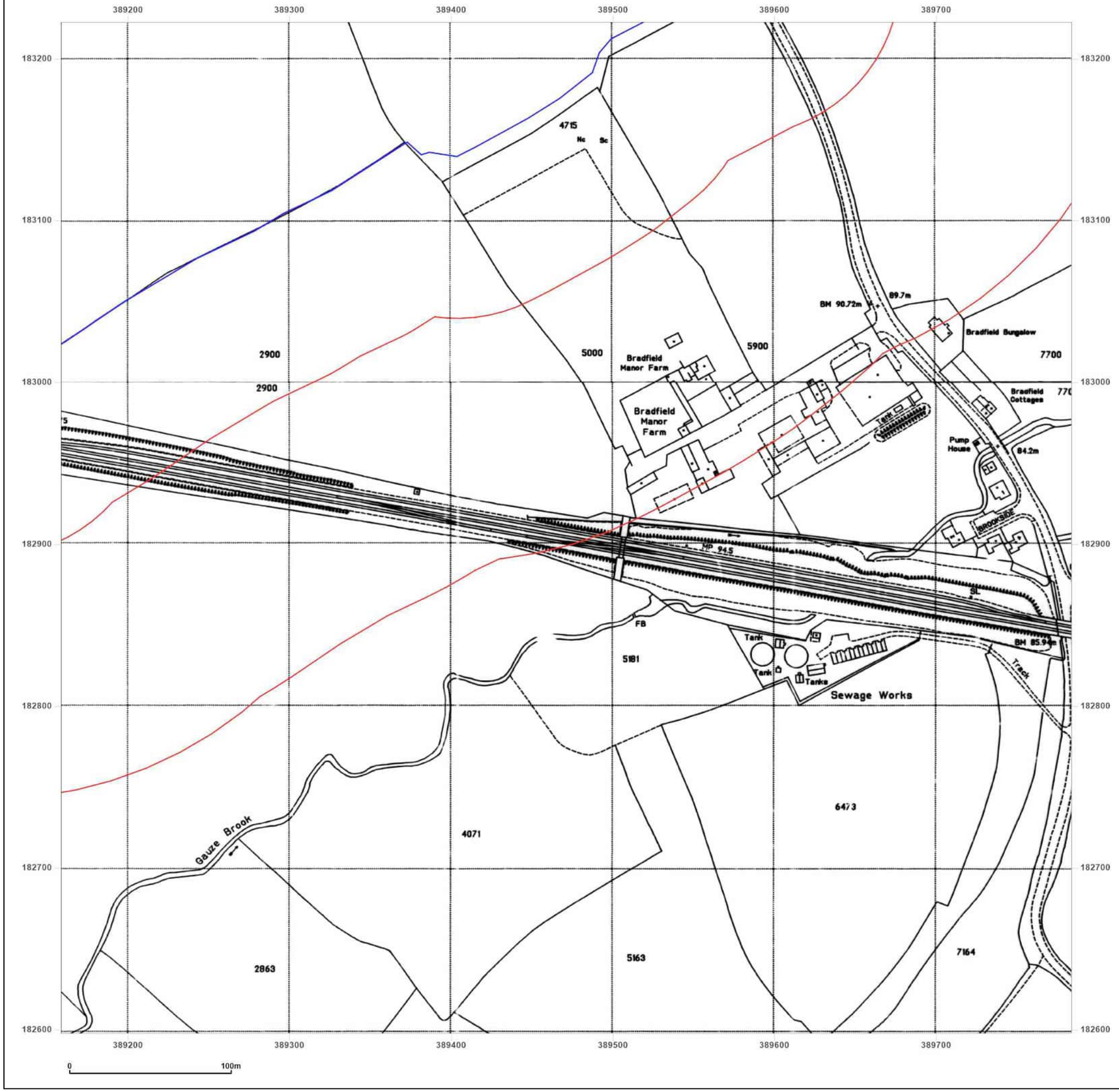


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_1
**Grid Ref:** 389471, 182910

**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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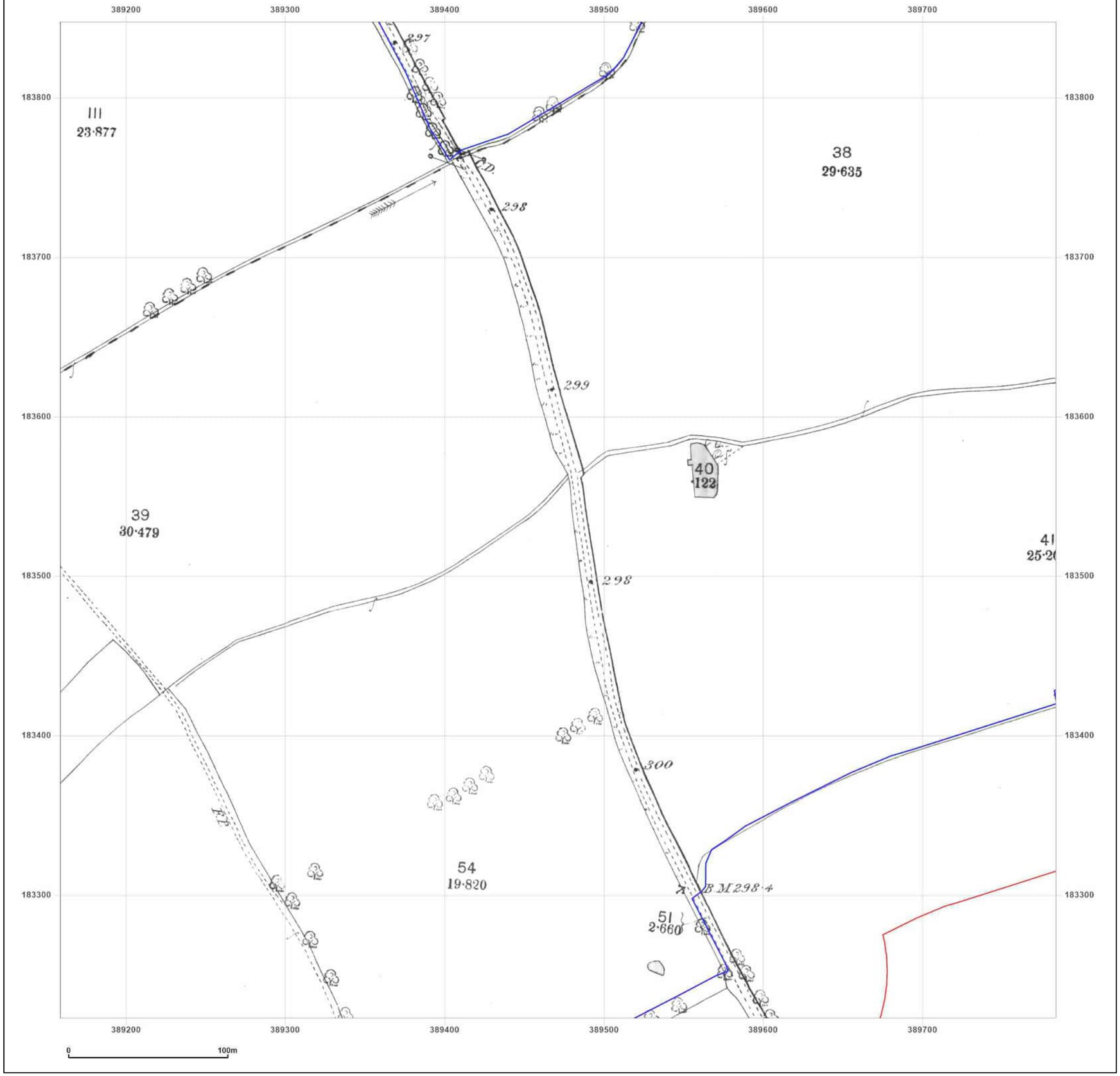


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_2
**Grid Ref:** 389471, 183535

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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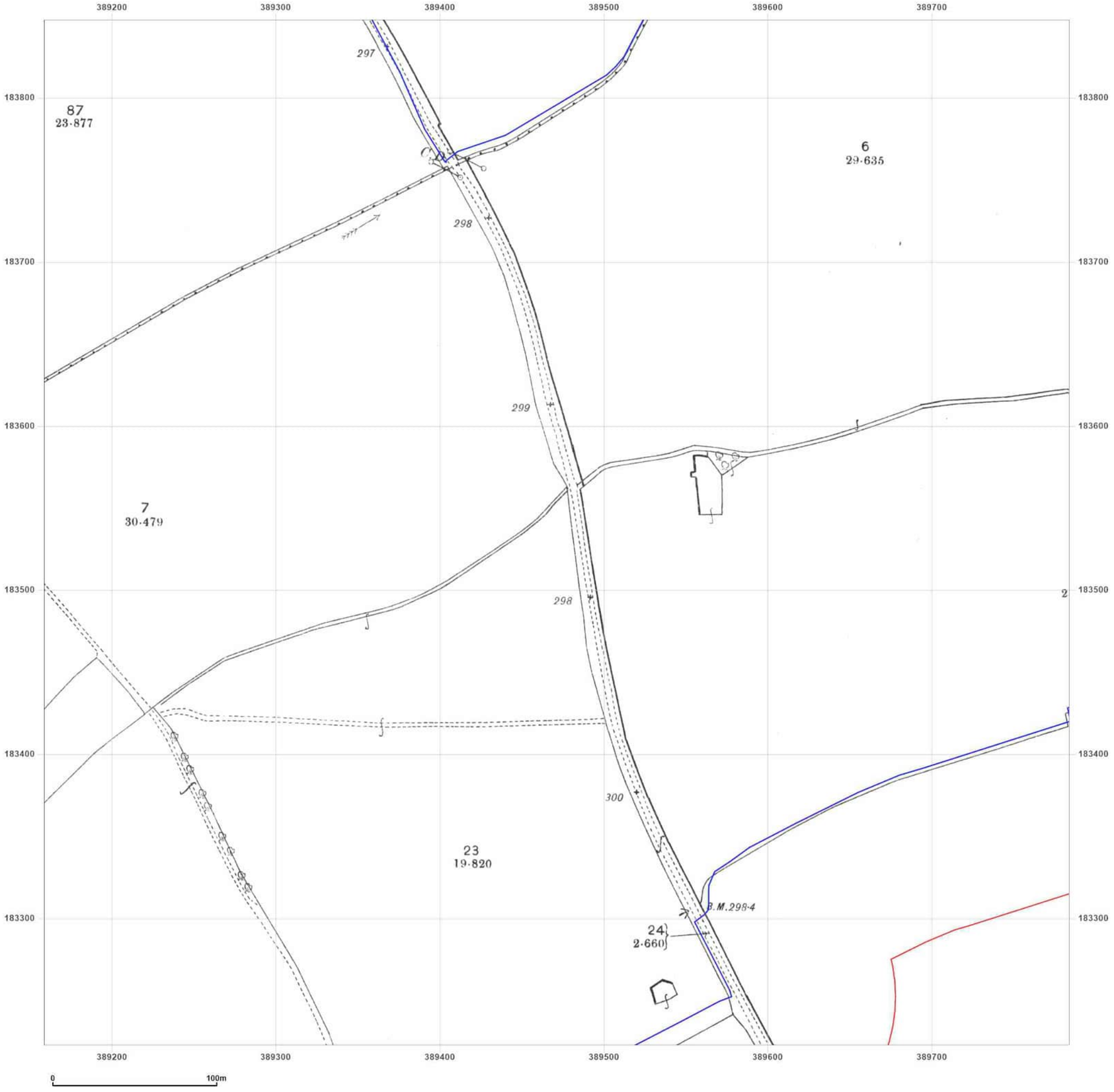
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_2
**Grid Ref:** 389471, 183535

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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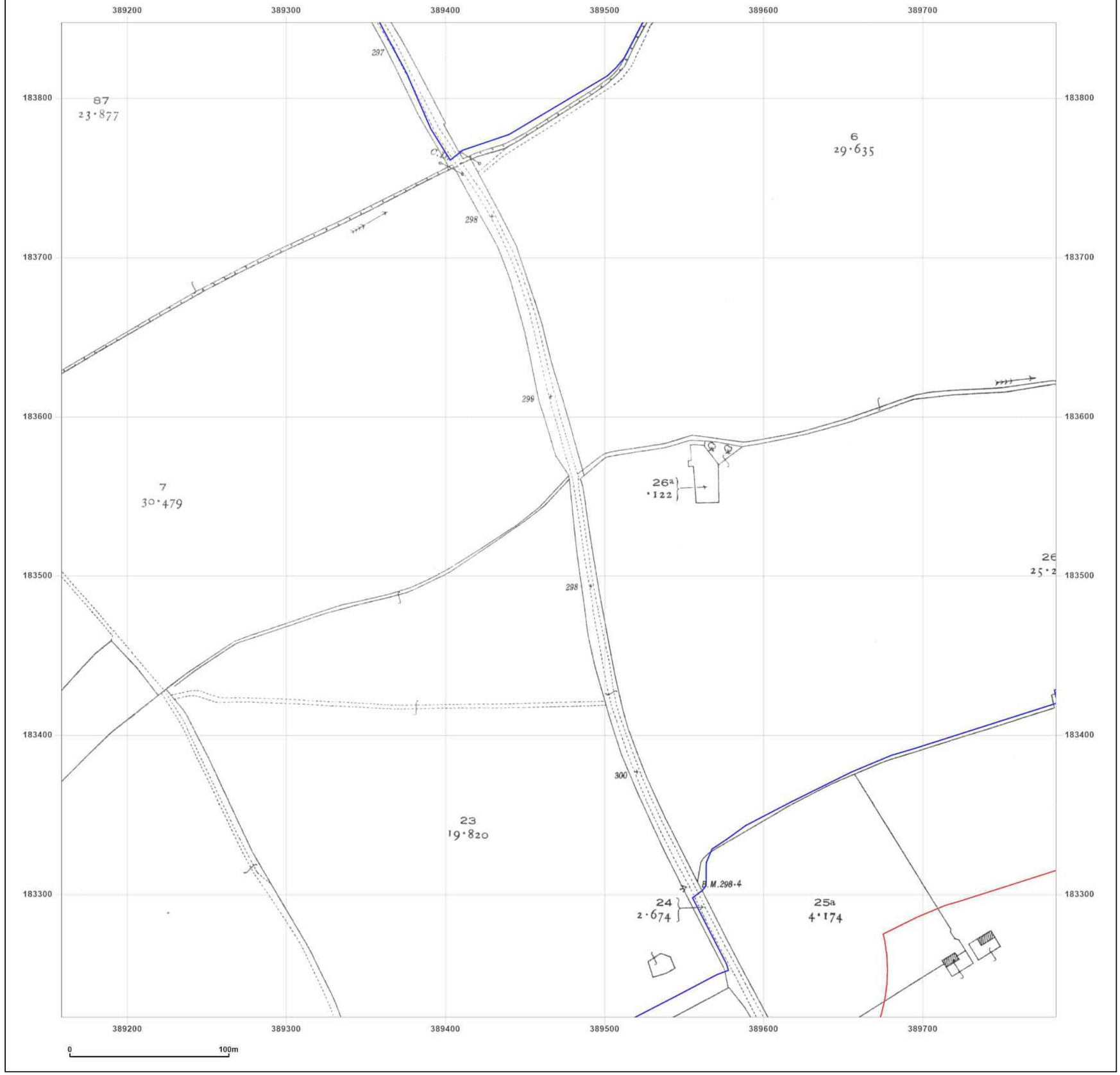
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_2
**Grid Ref:** 389471, 183535

**Map Name:** County Series

**Map date:** **1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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

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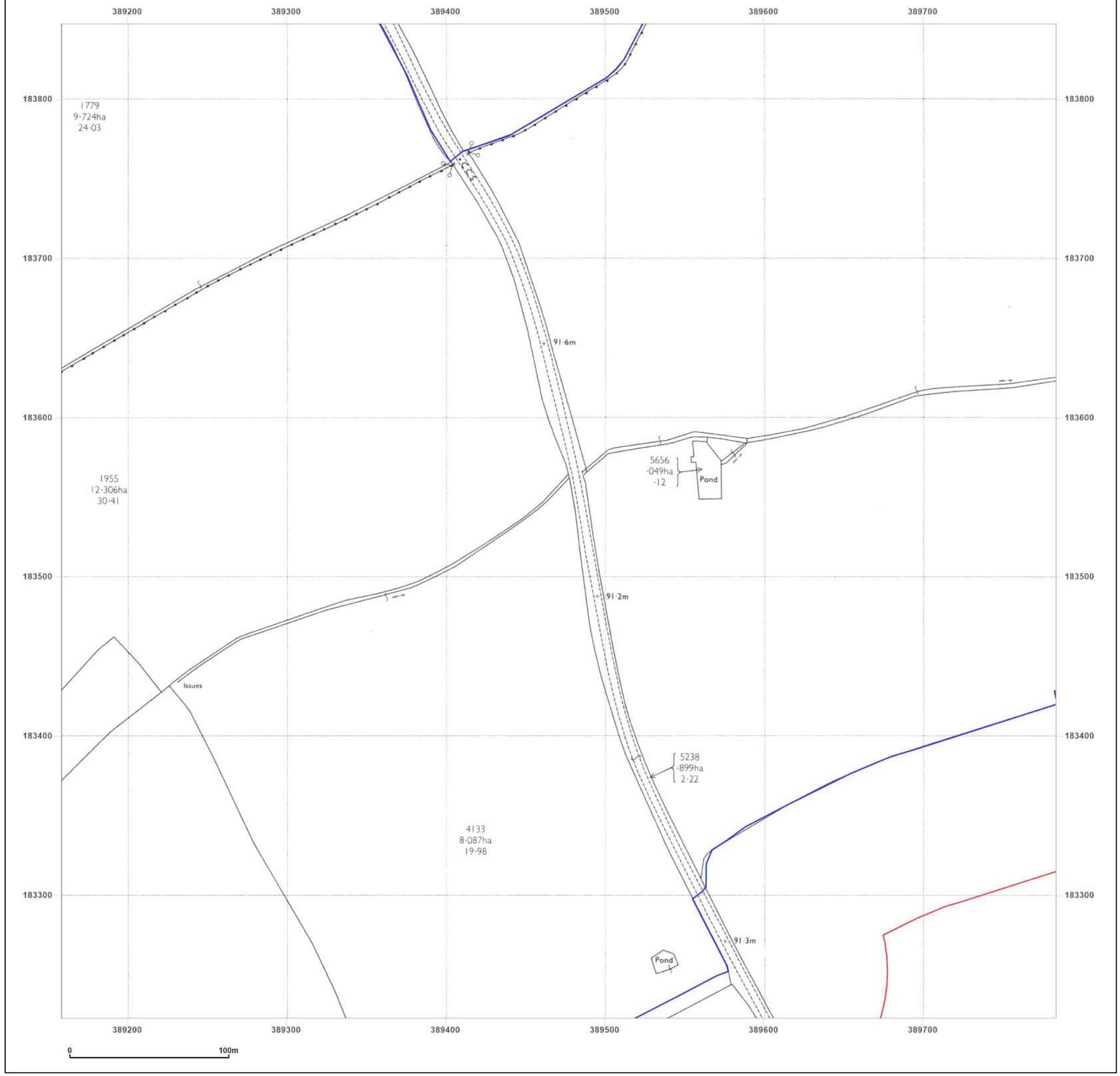
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_2
**Grid Ref:** 389471, 183535

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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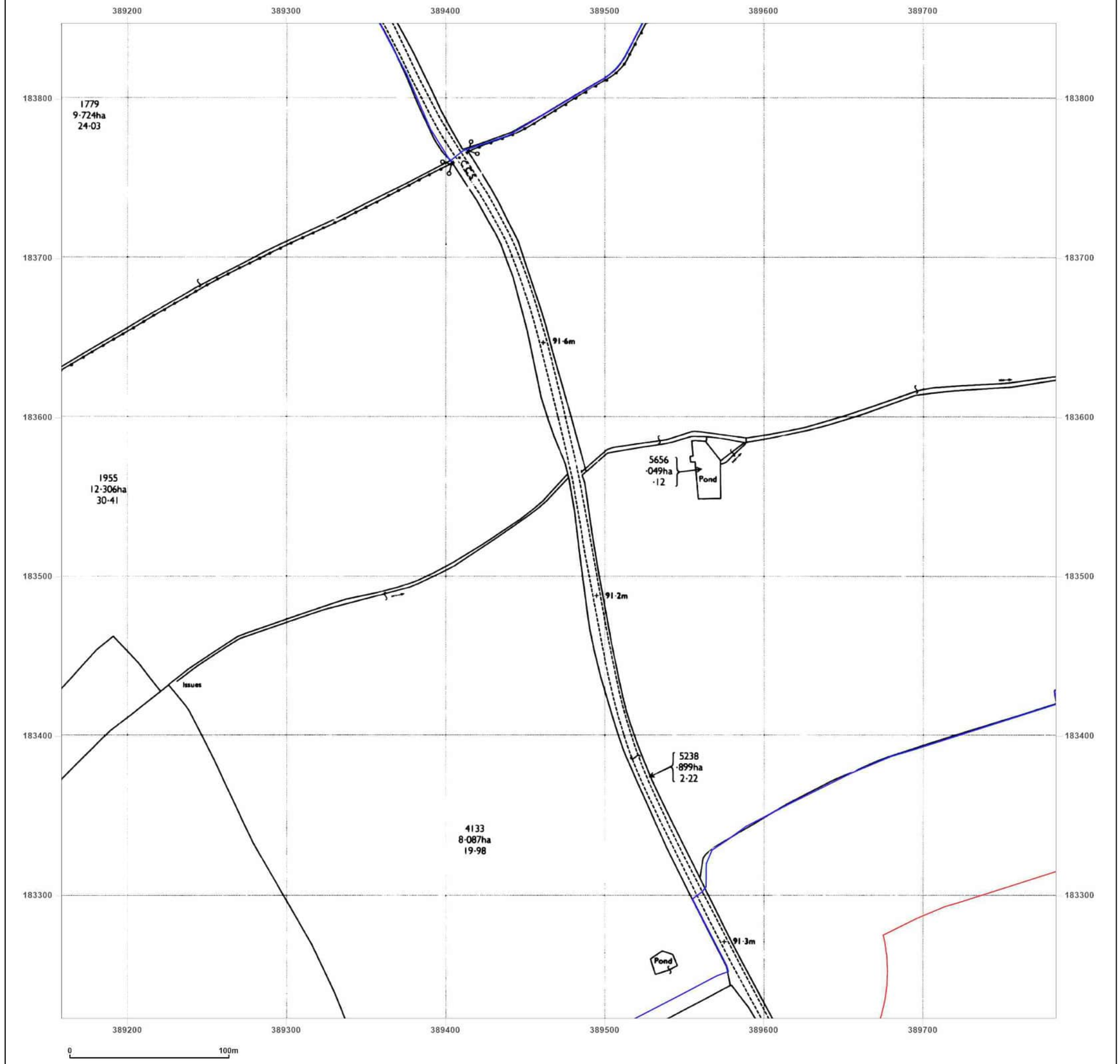


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
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**Grid Ref:** 389471, 183535

**Map Name:** National Grid

**Map date:** **1981**

**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: 08 October 2024

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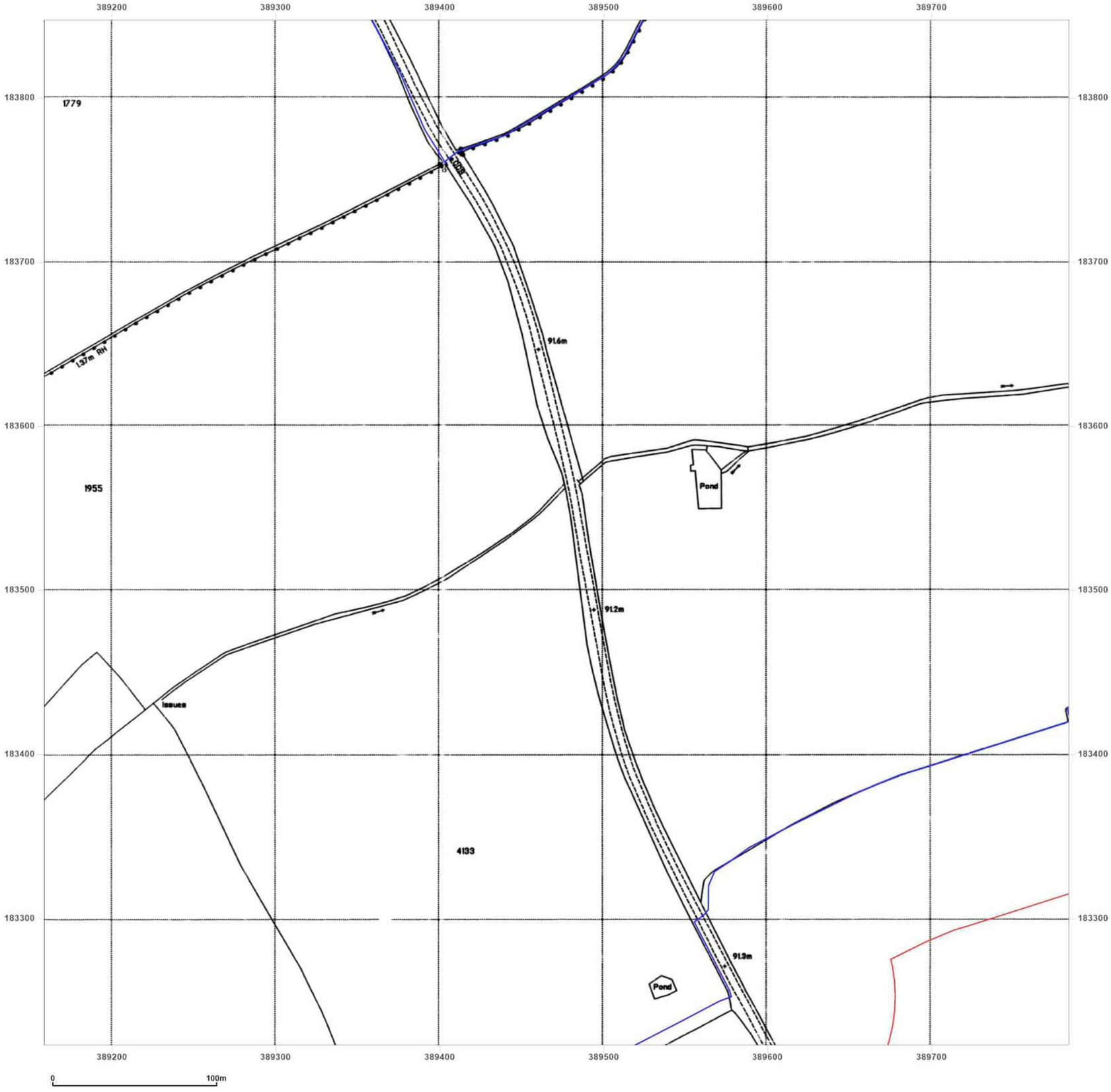


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_2
**Grid Ref:** 389471, 183535

**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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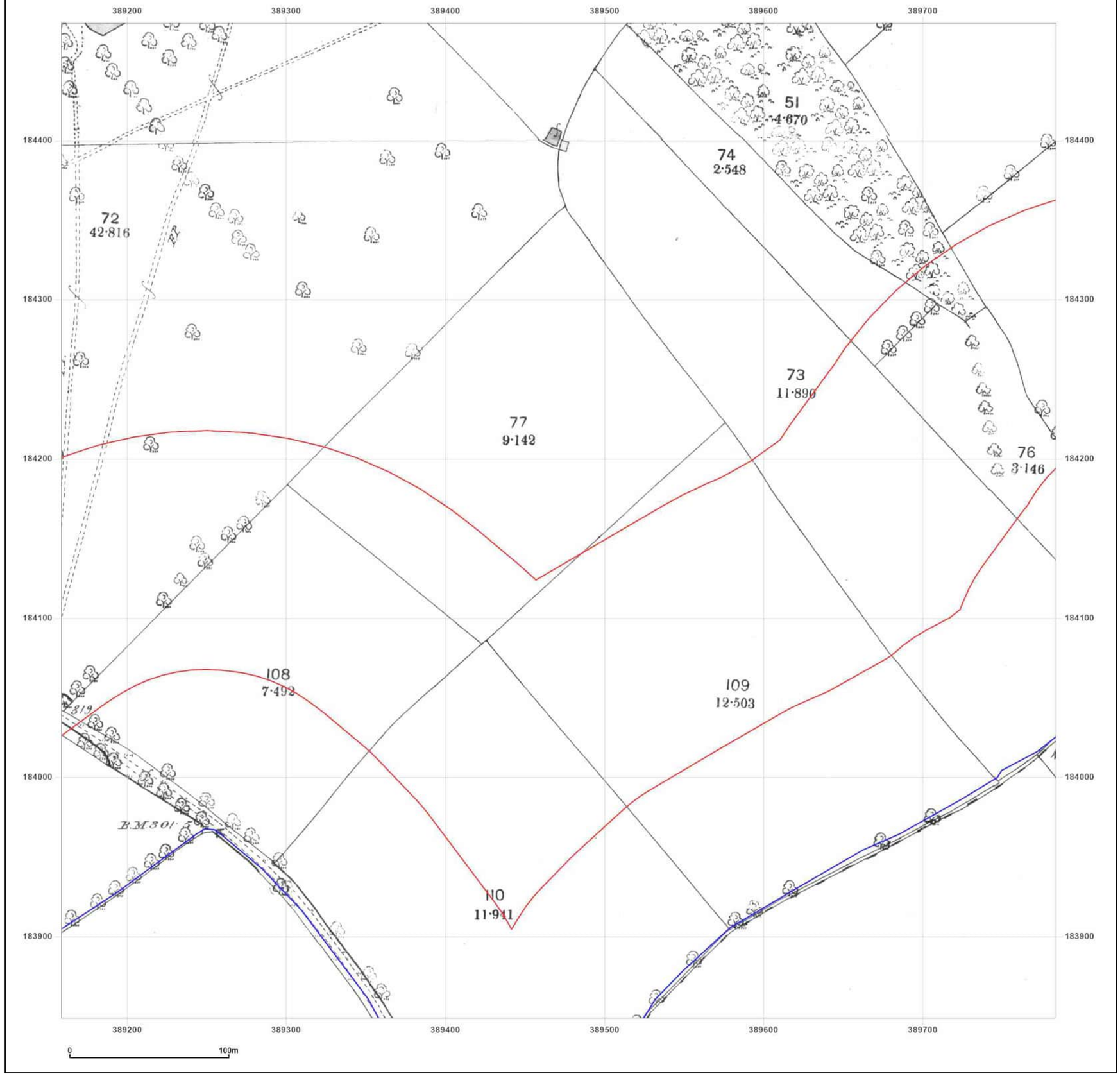
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**Map Name:** County Series

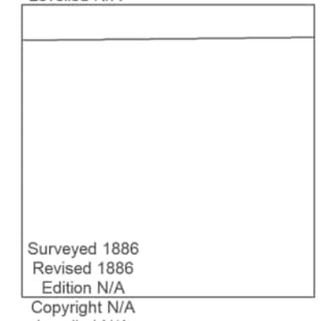
**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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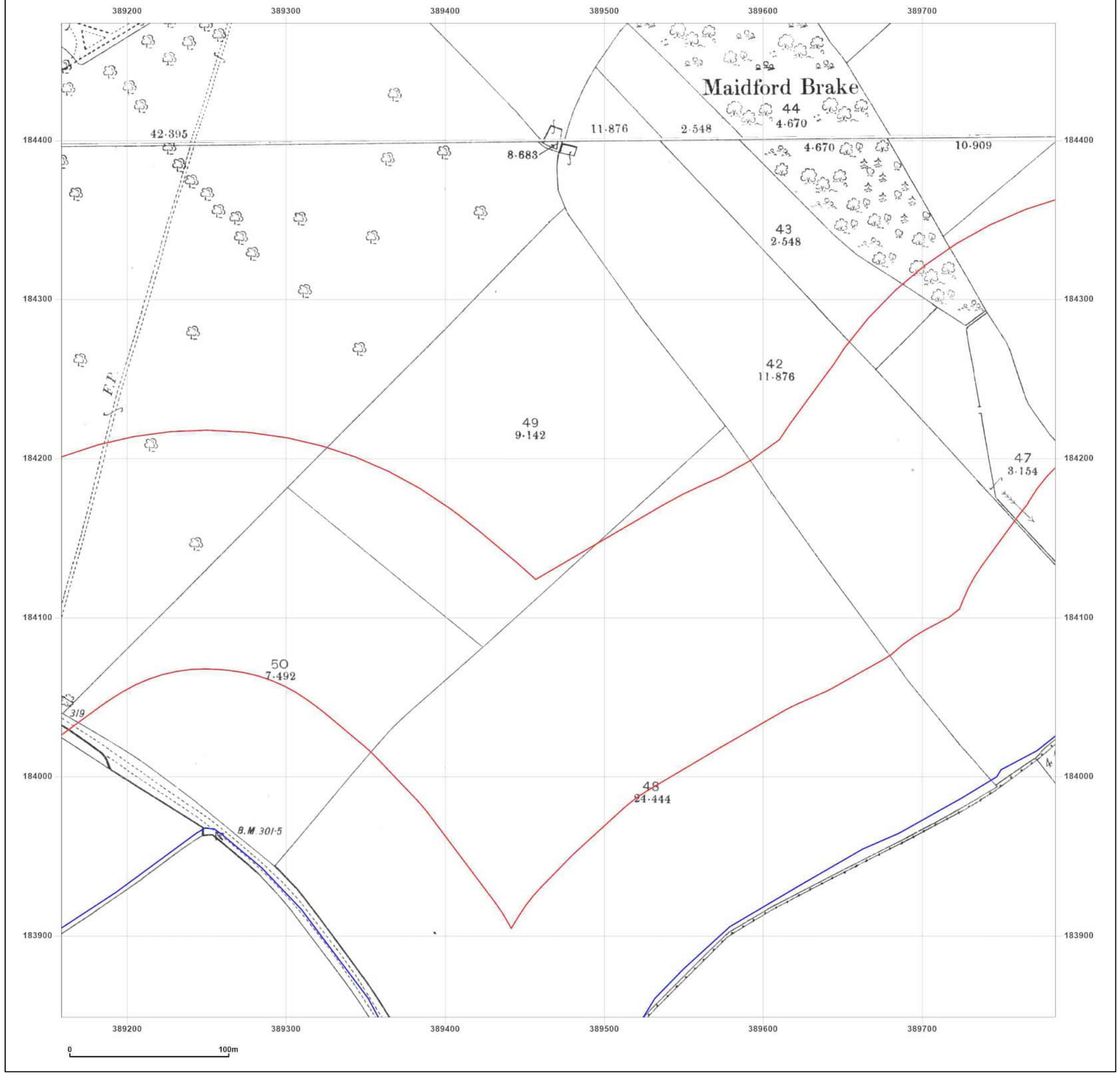
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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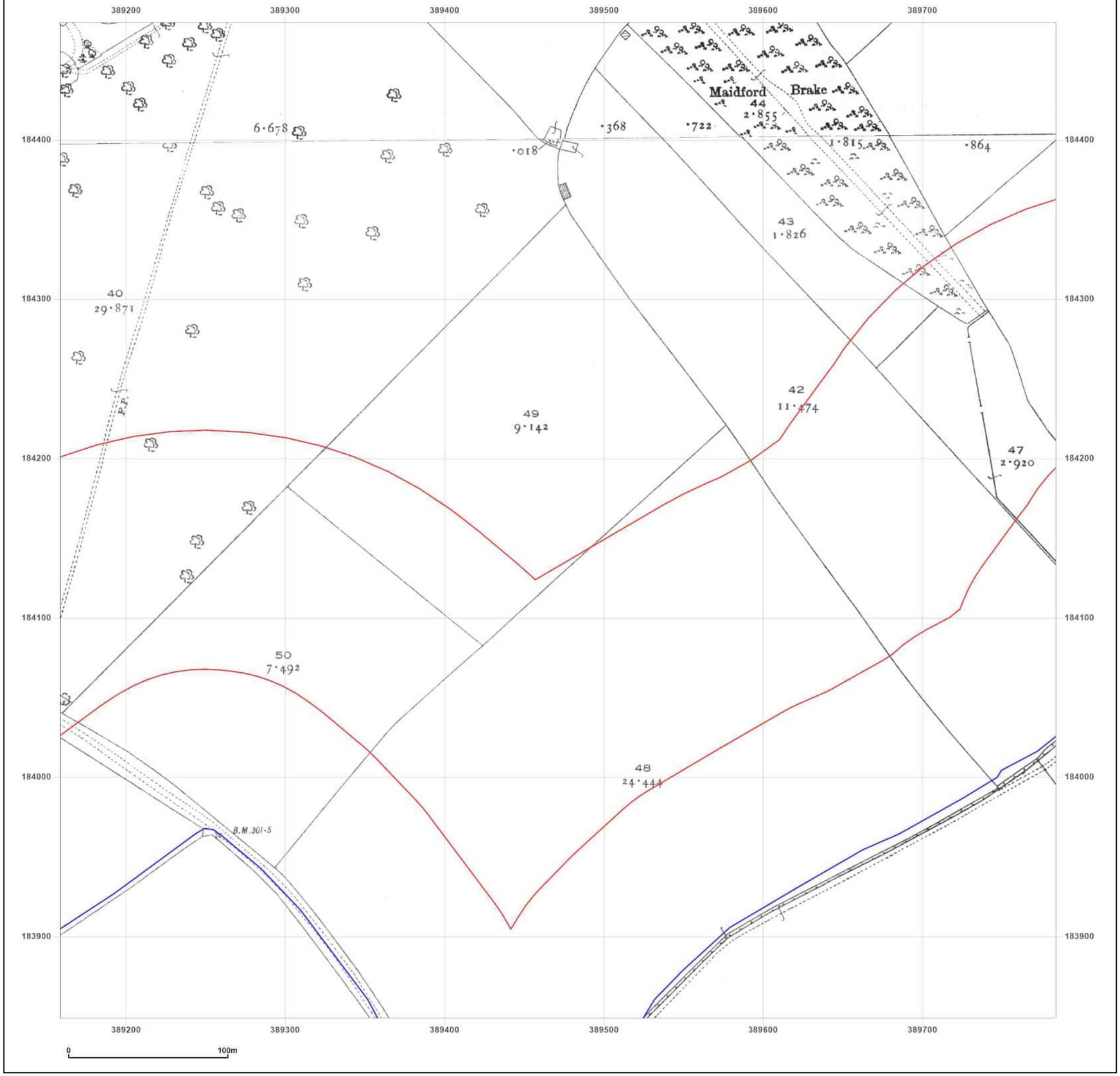
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**Map Name:** County Series

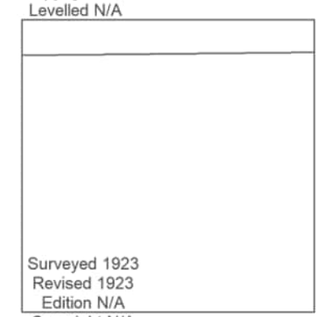
**Map date:** **1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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



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

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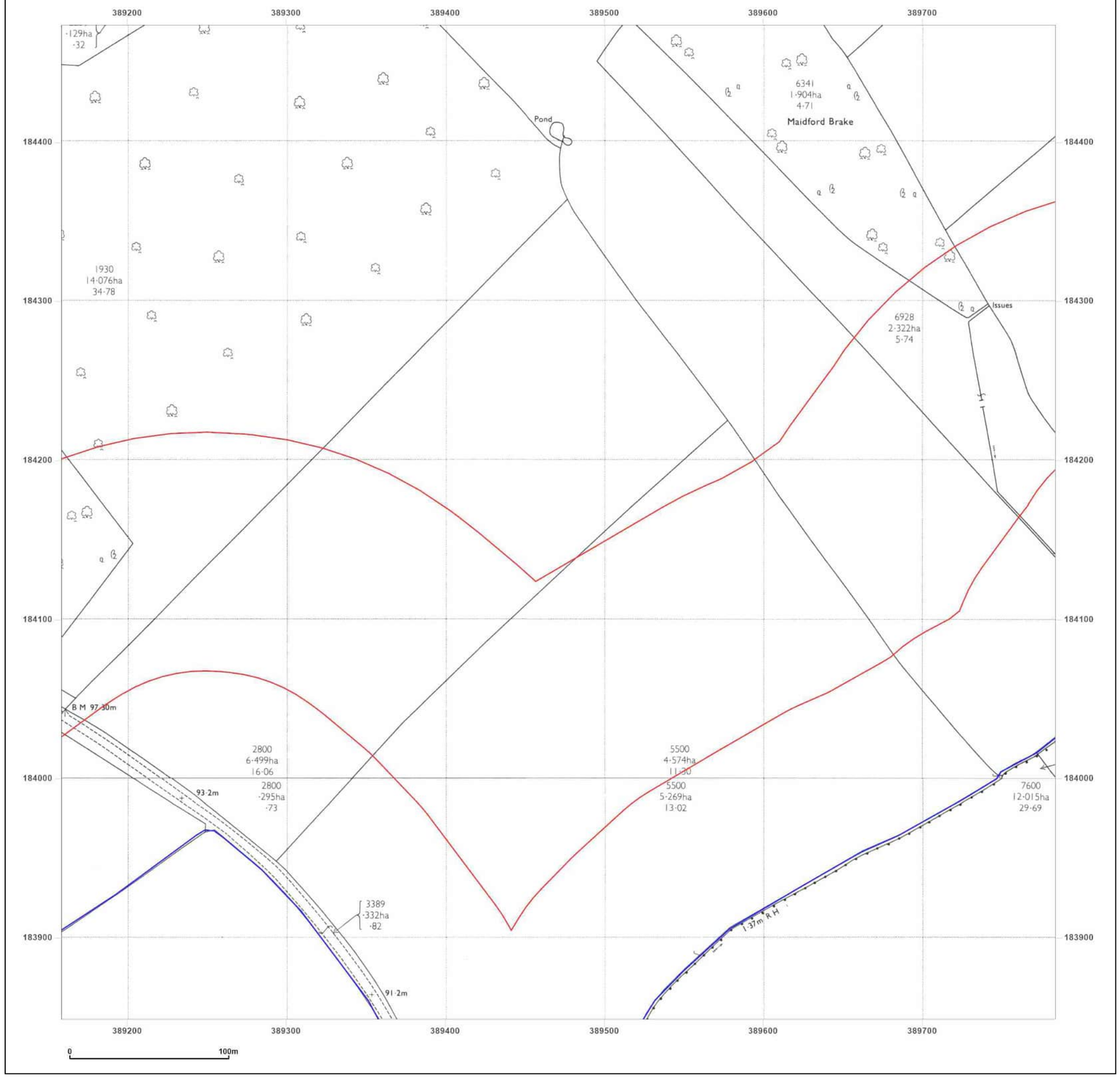


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

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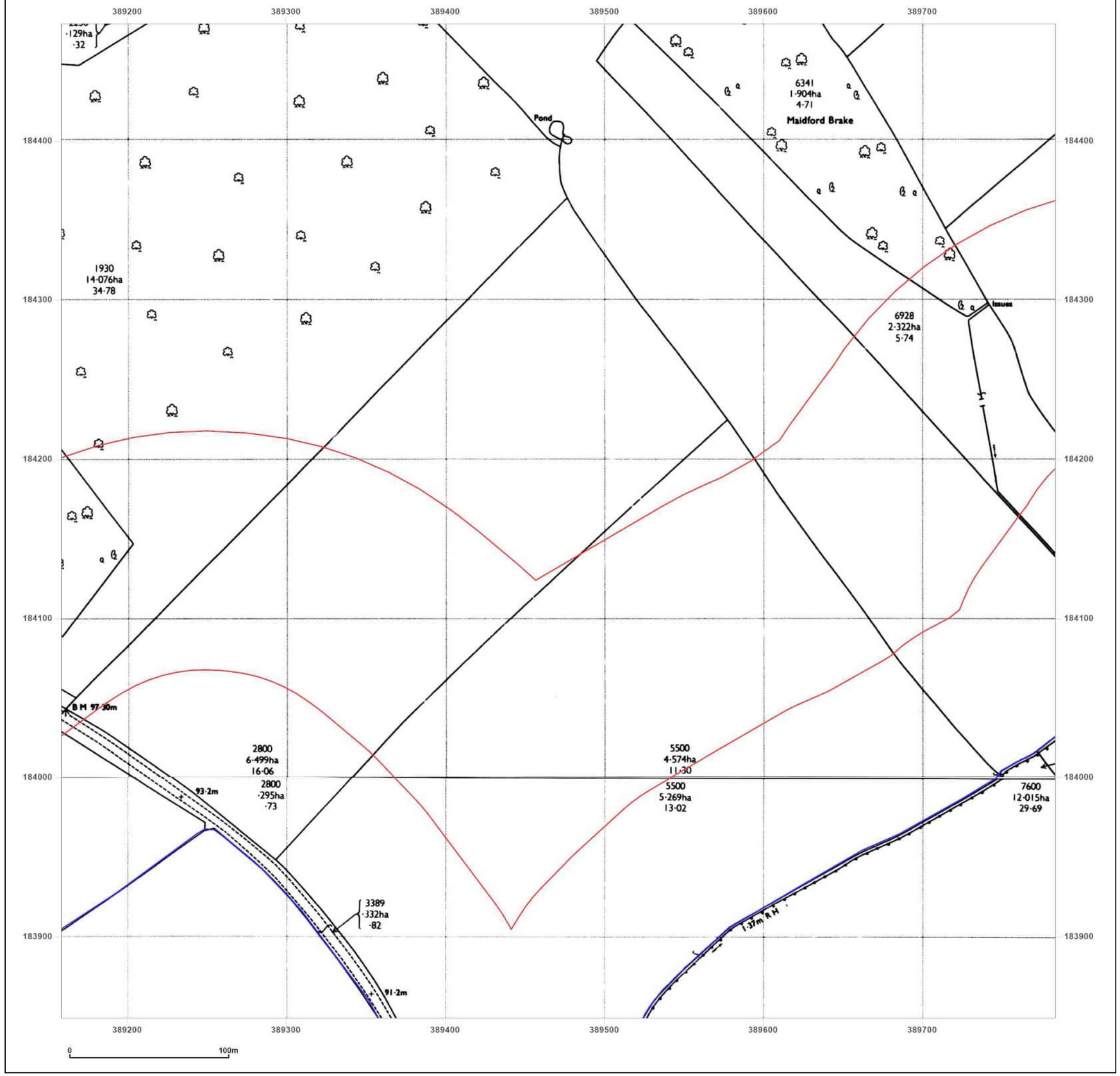


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**Map Name:** National Grid

**Map date:** **1981**

**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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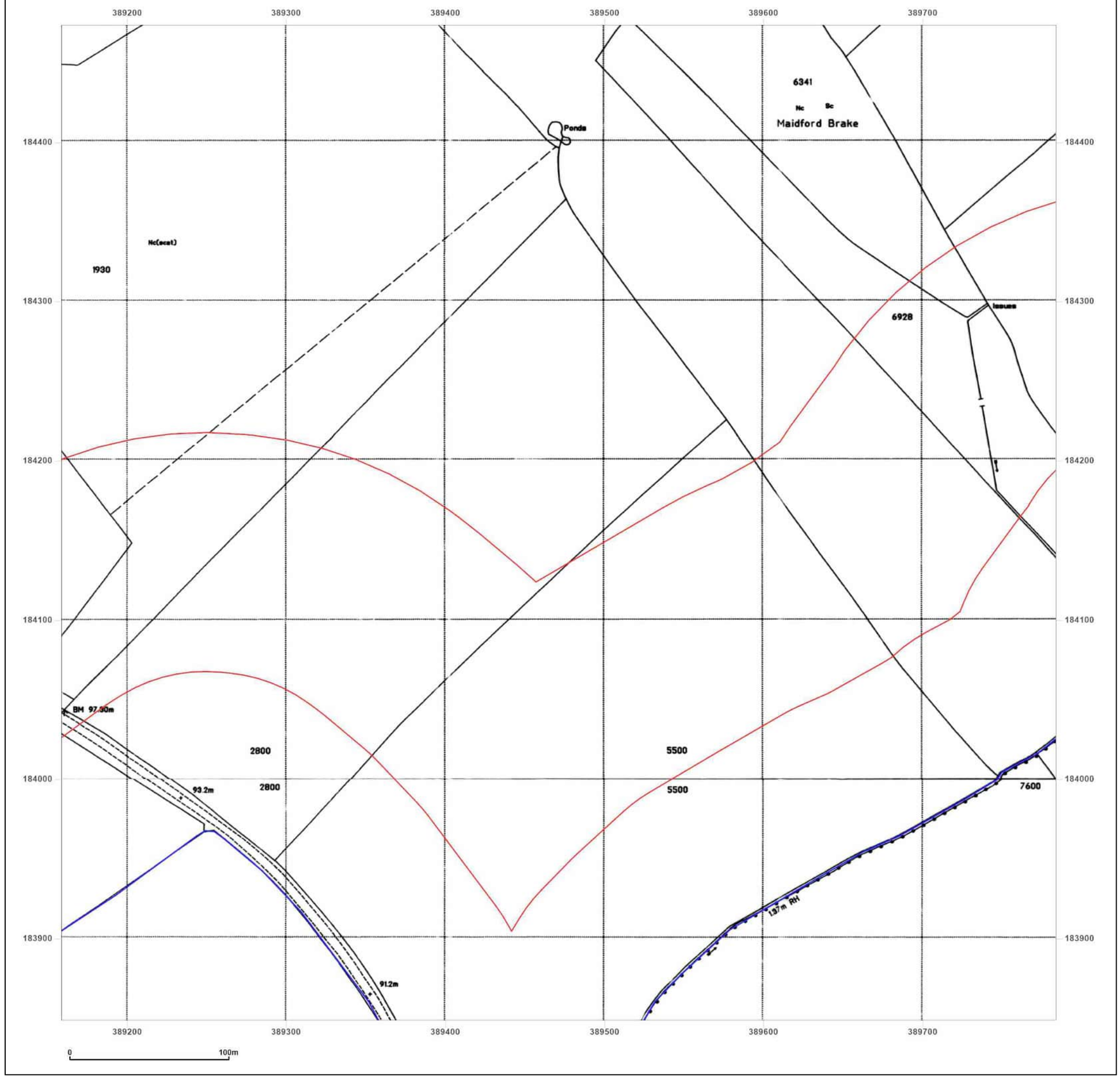


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_3_3
**Grid Ref:** 389471, 184161

**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
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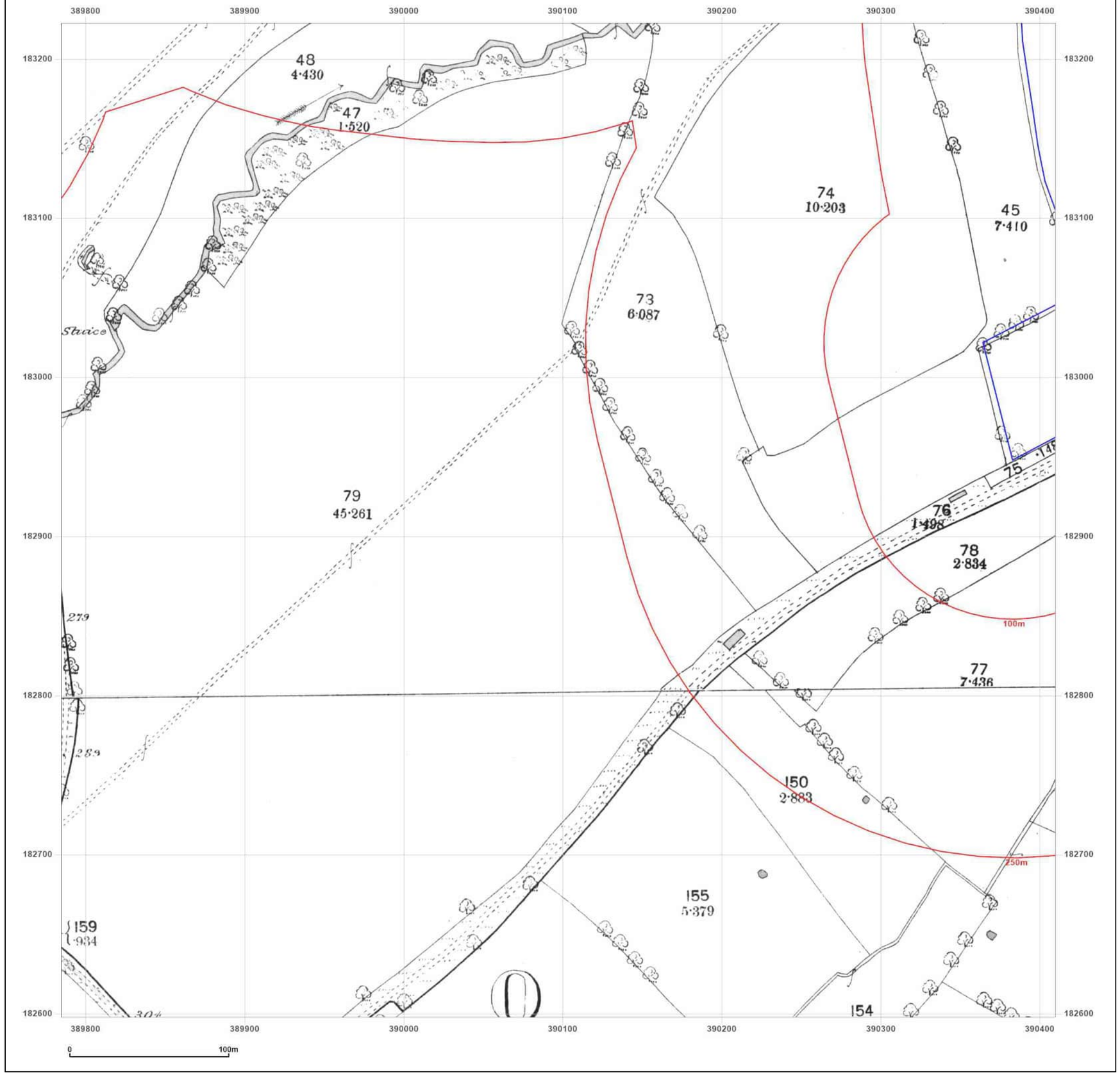


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**Map Name:** County Series

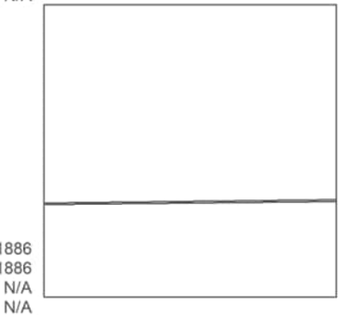
**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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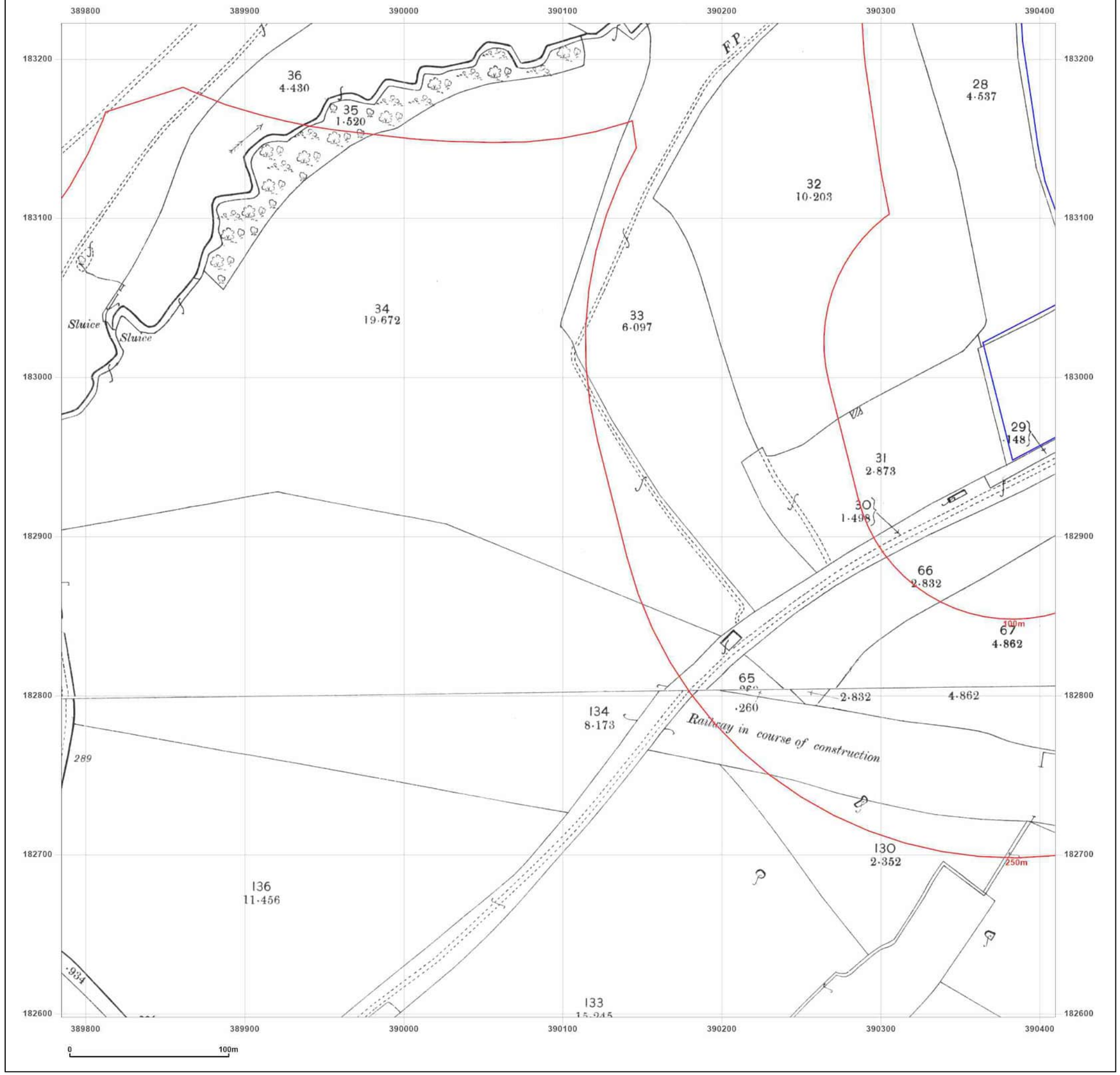


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**Map Name:** County Series

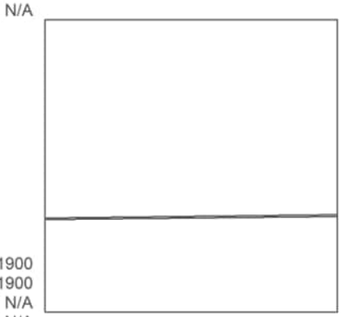
**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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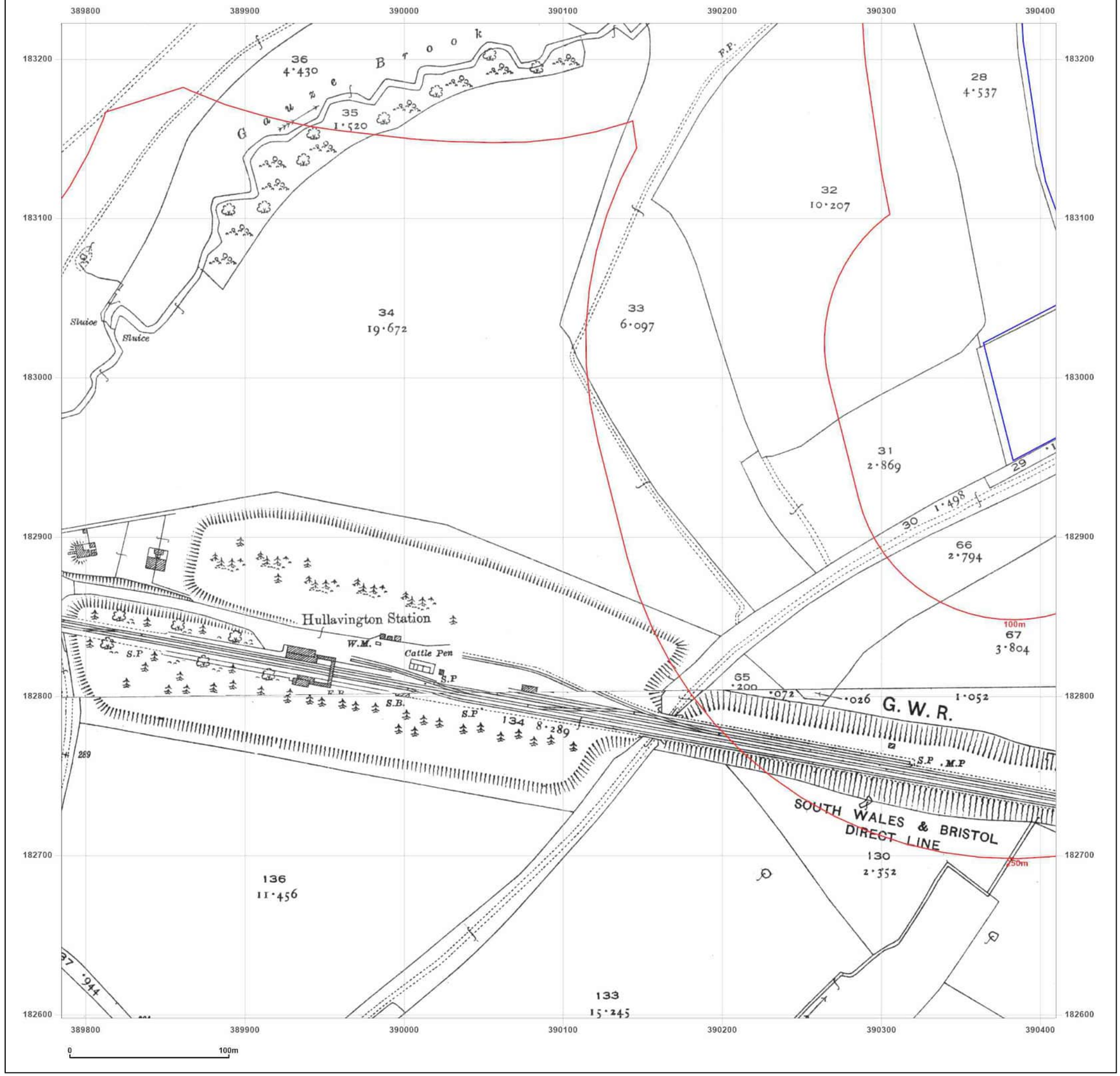


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**Map Name:** County Series

**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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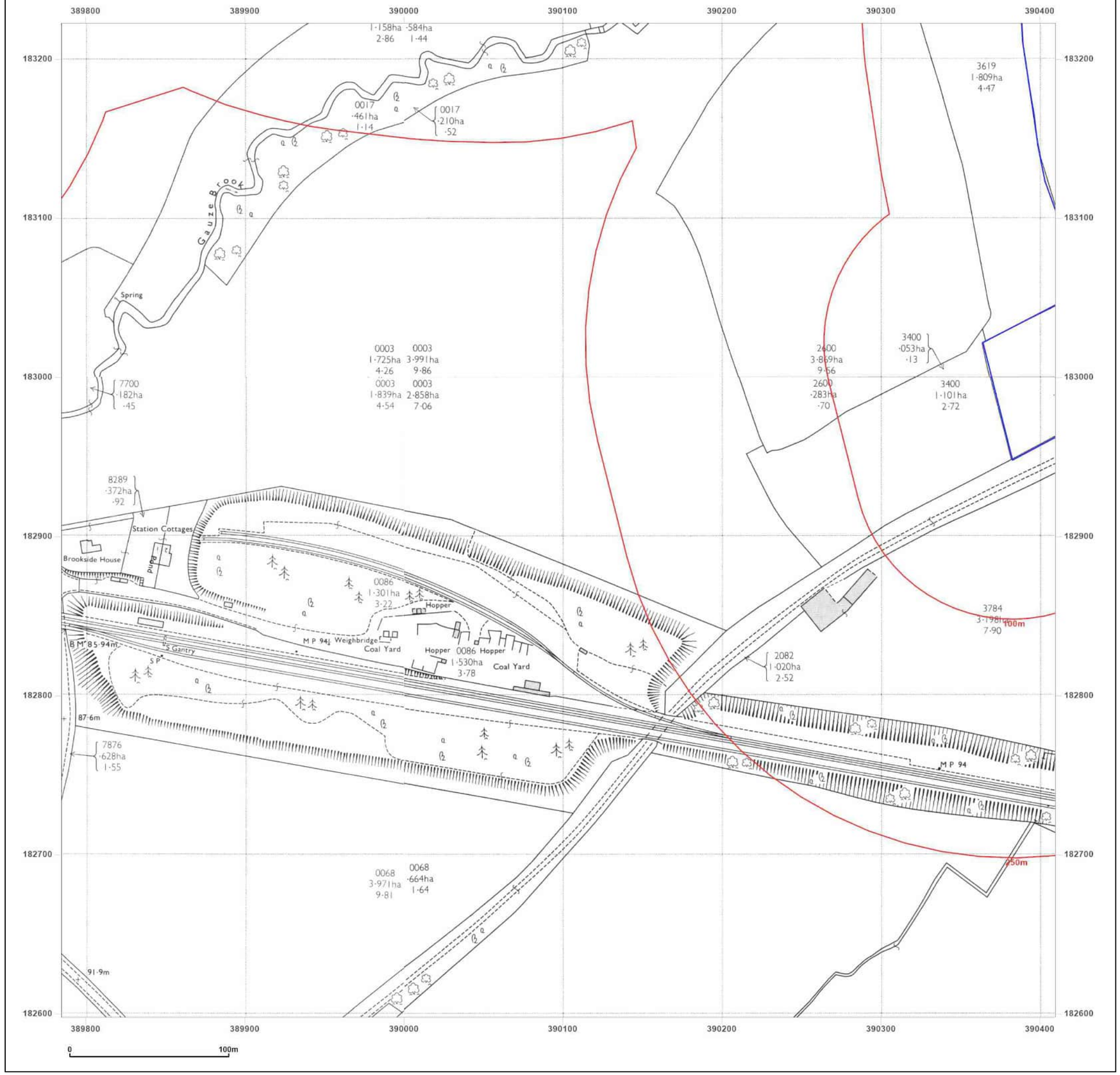


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**Map Name:** National Grid

**Map date:** **1980-1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1970

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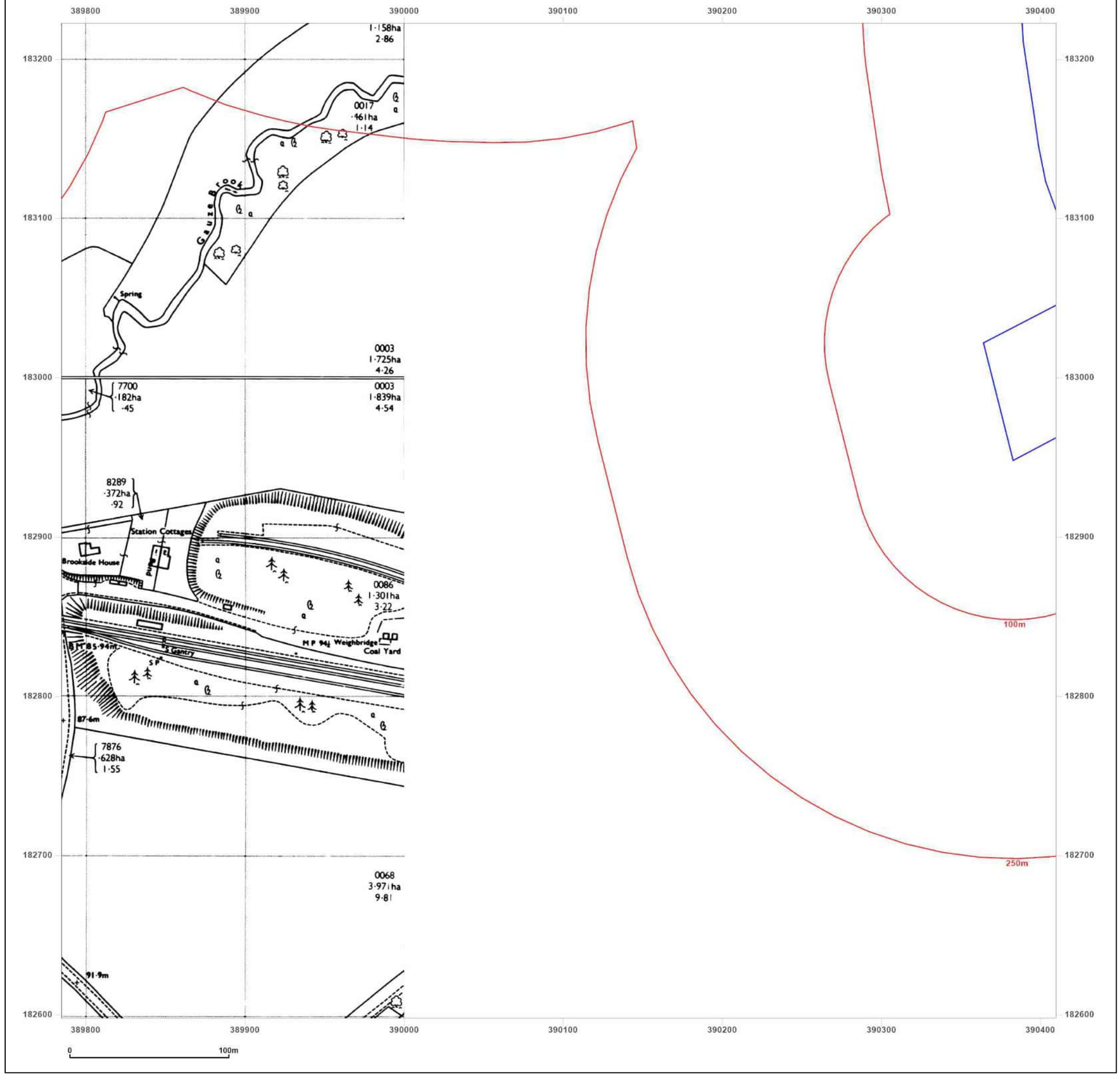


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**Map Name:** National Grid

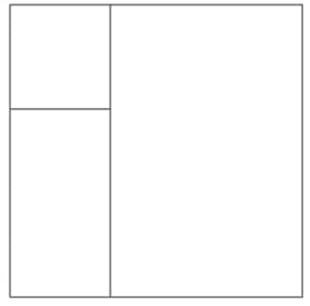
**Map date:** **1981**

**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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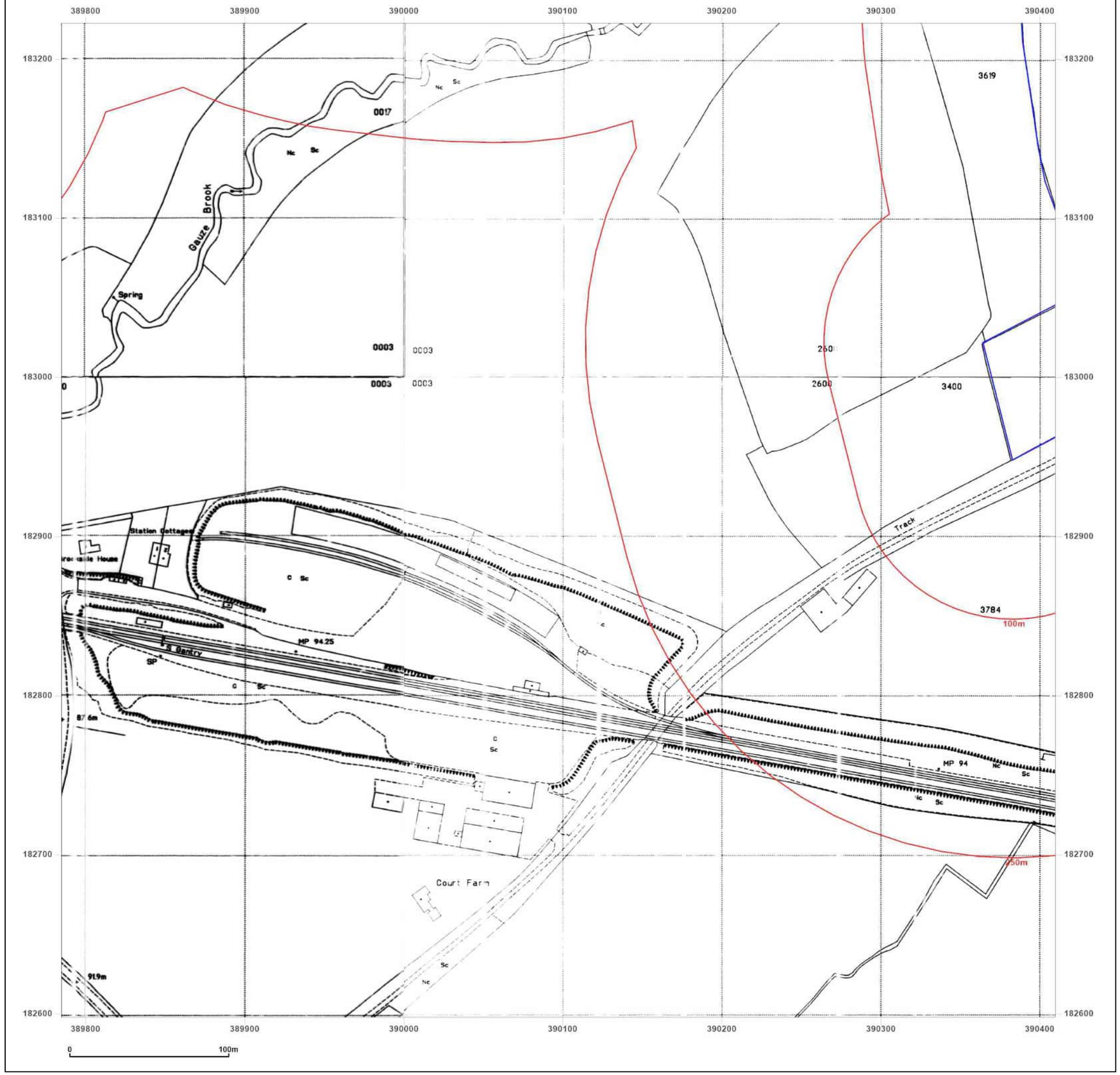


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_1
**Grid Ref:** 390097, 182910

**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

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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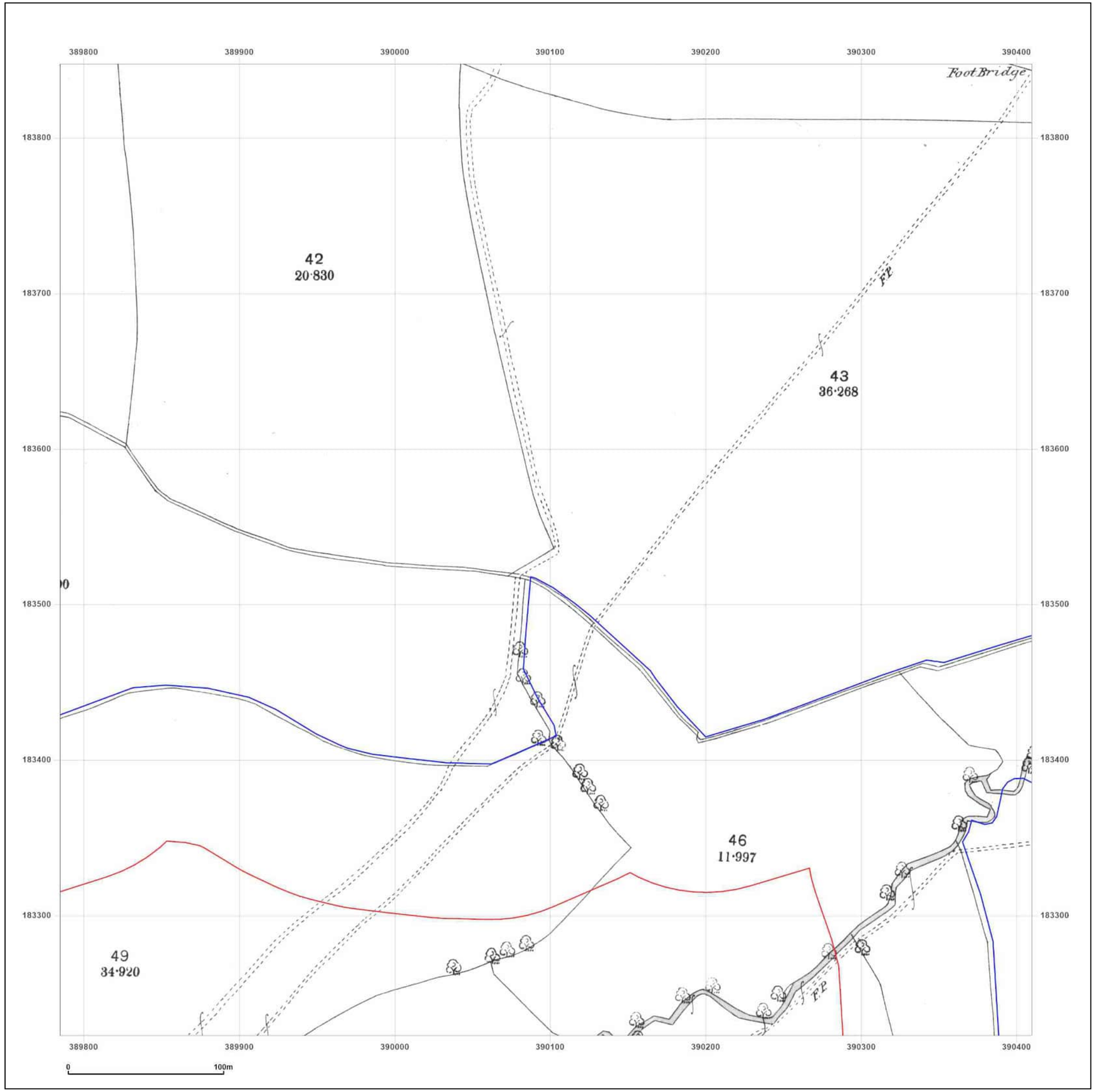


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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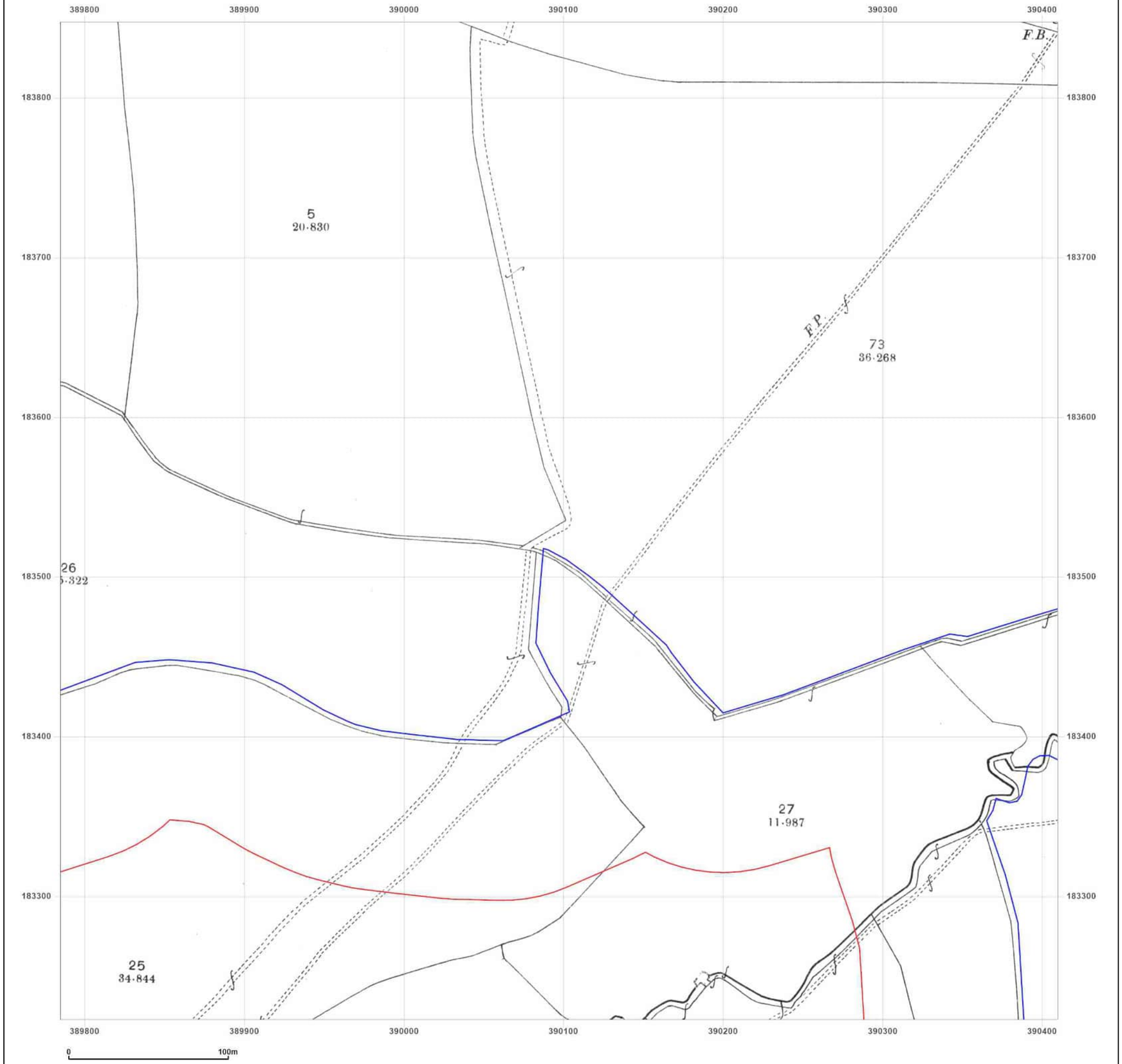


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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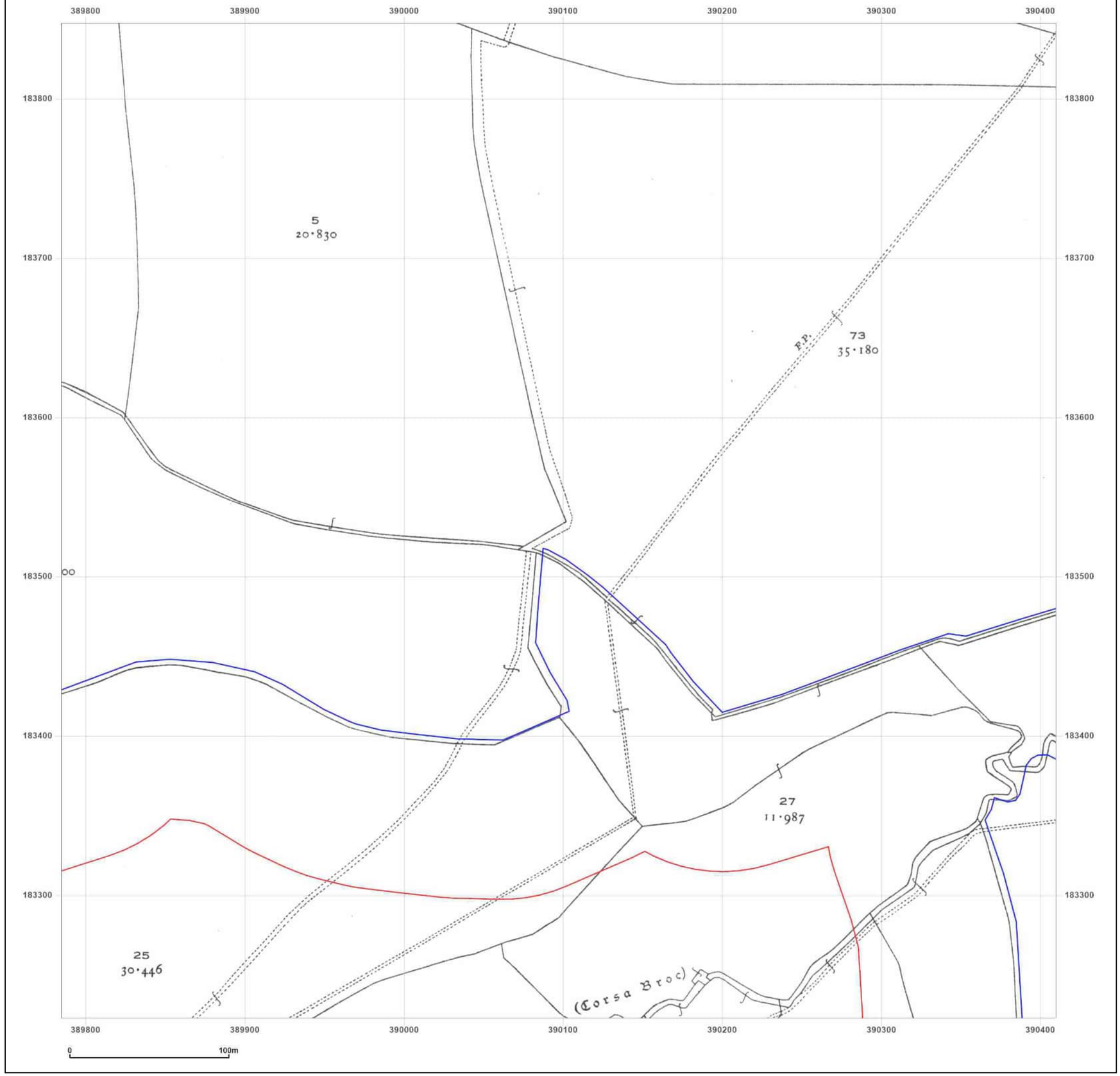


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**Map Name:** County Series

**Map date:** **1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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

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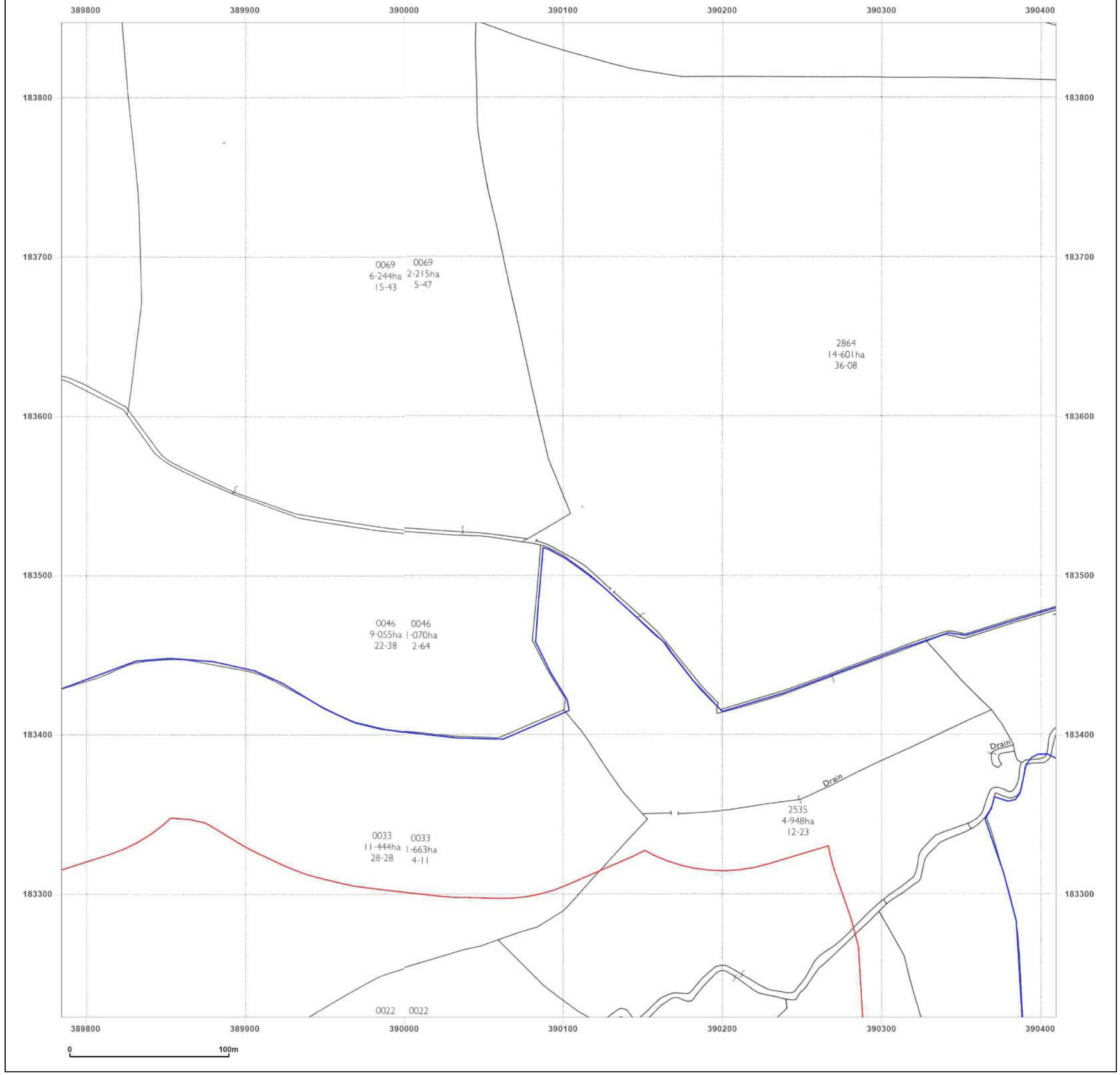


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**Map Name:** National Grid

**Map date:** **1980-1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

| | |
|---|---|
| Surveyed 1979 | Surveyed 1979 |
| Revised 1979 | Revised 1979 |
| Edition N/A | Edition N/A |
| Copyright 1981 | Copyright 1980 |
| Levelled 1970 | Levelled 1957 |

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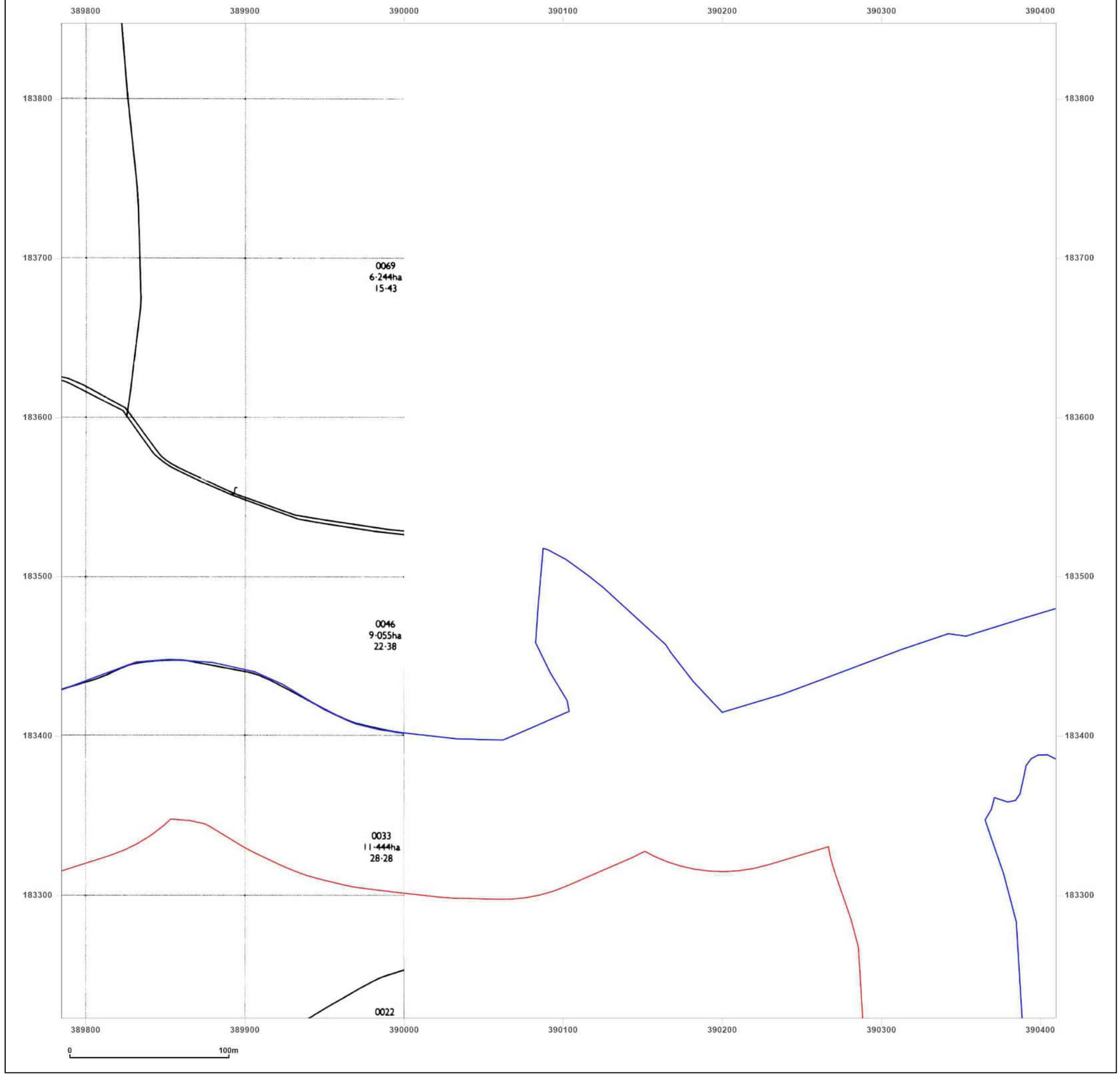


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**Map Name:** National Grid

**Map date:** **1981**

**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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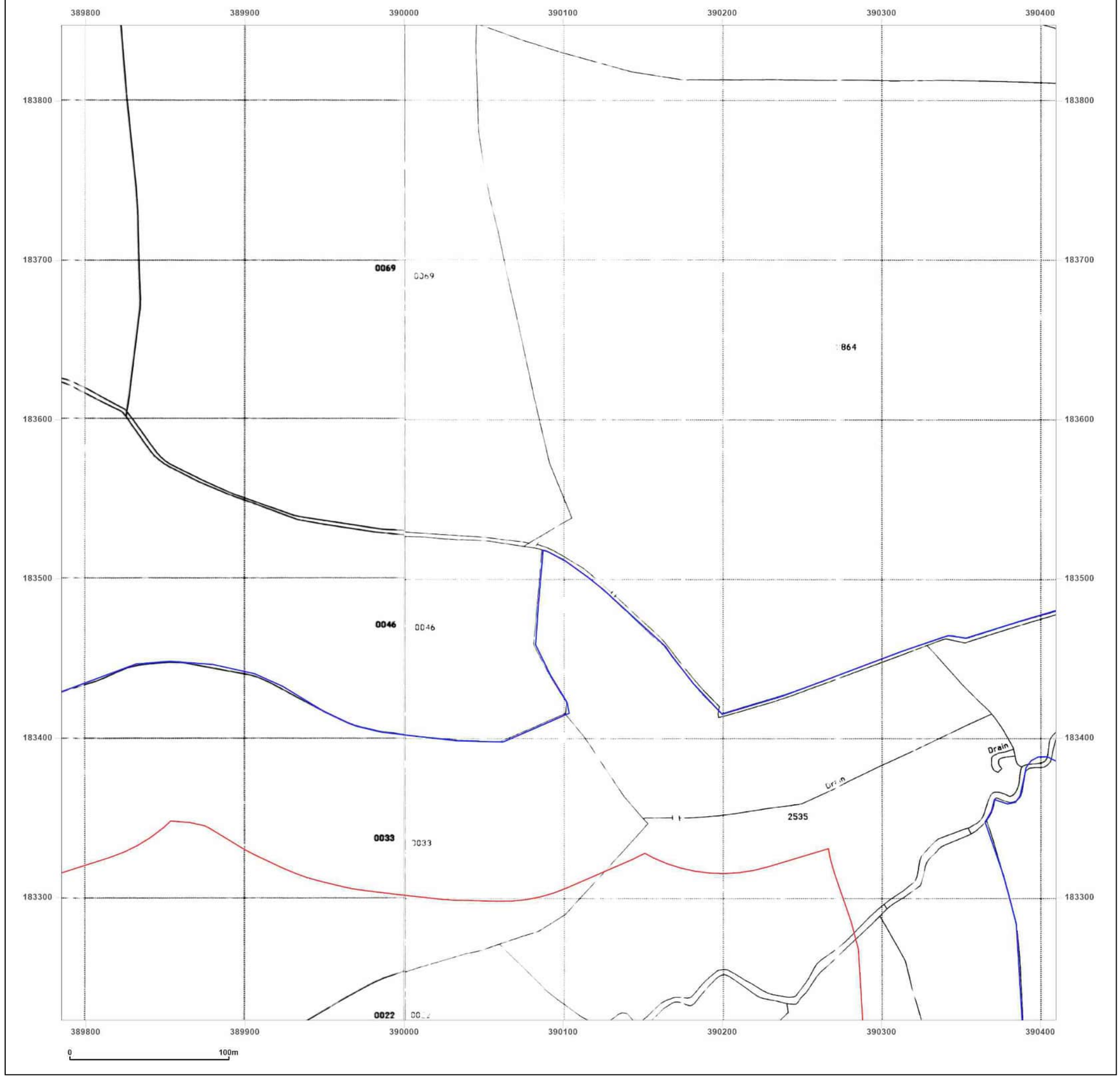


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_2
**Grid Ref:** 390097, 183535

**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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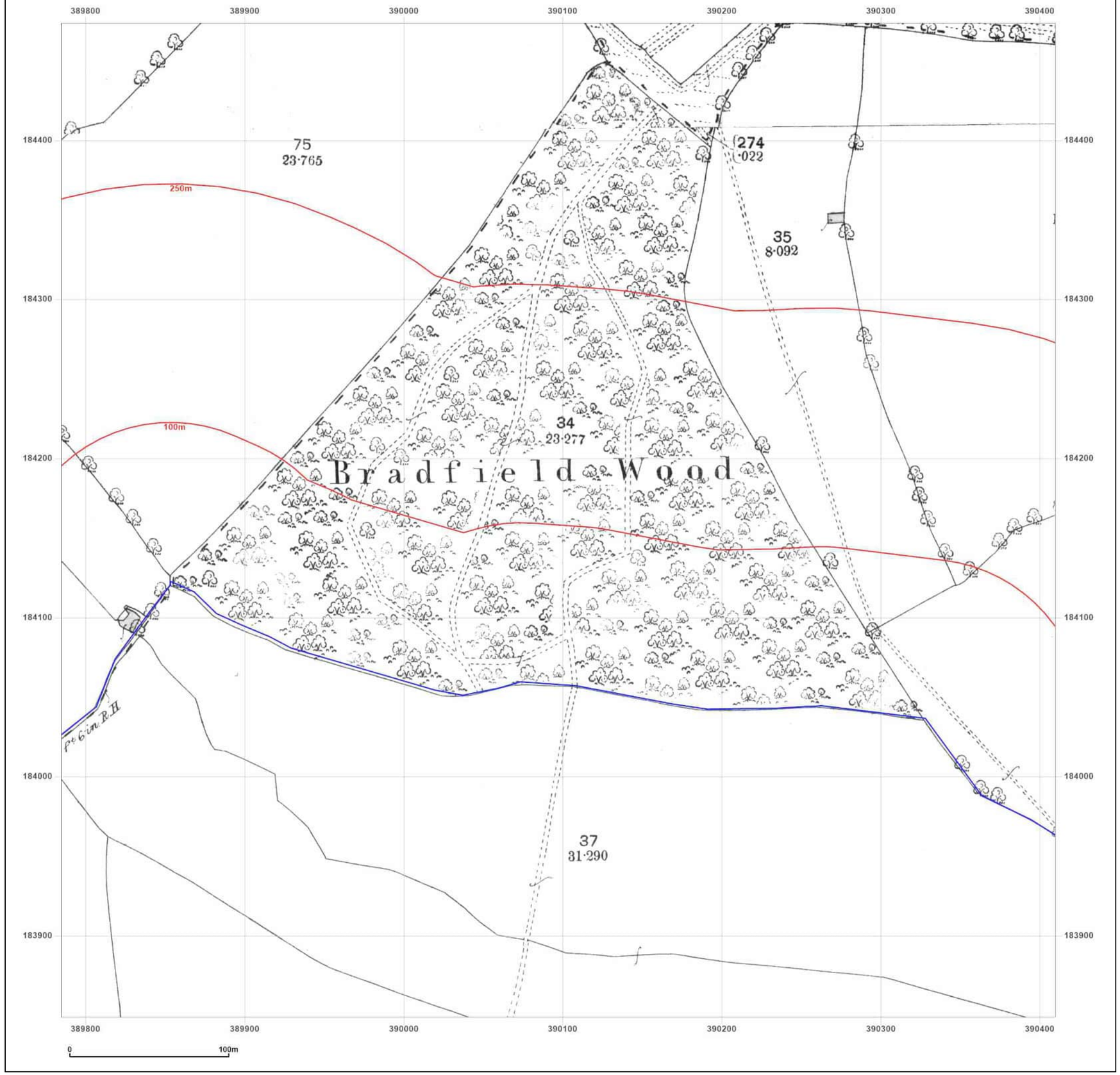
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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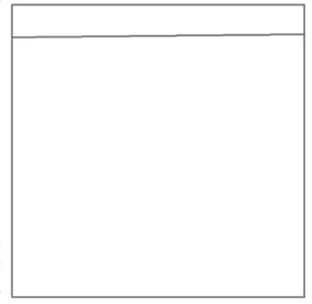
Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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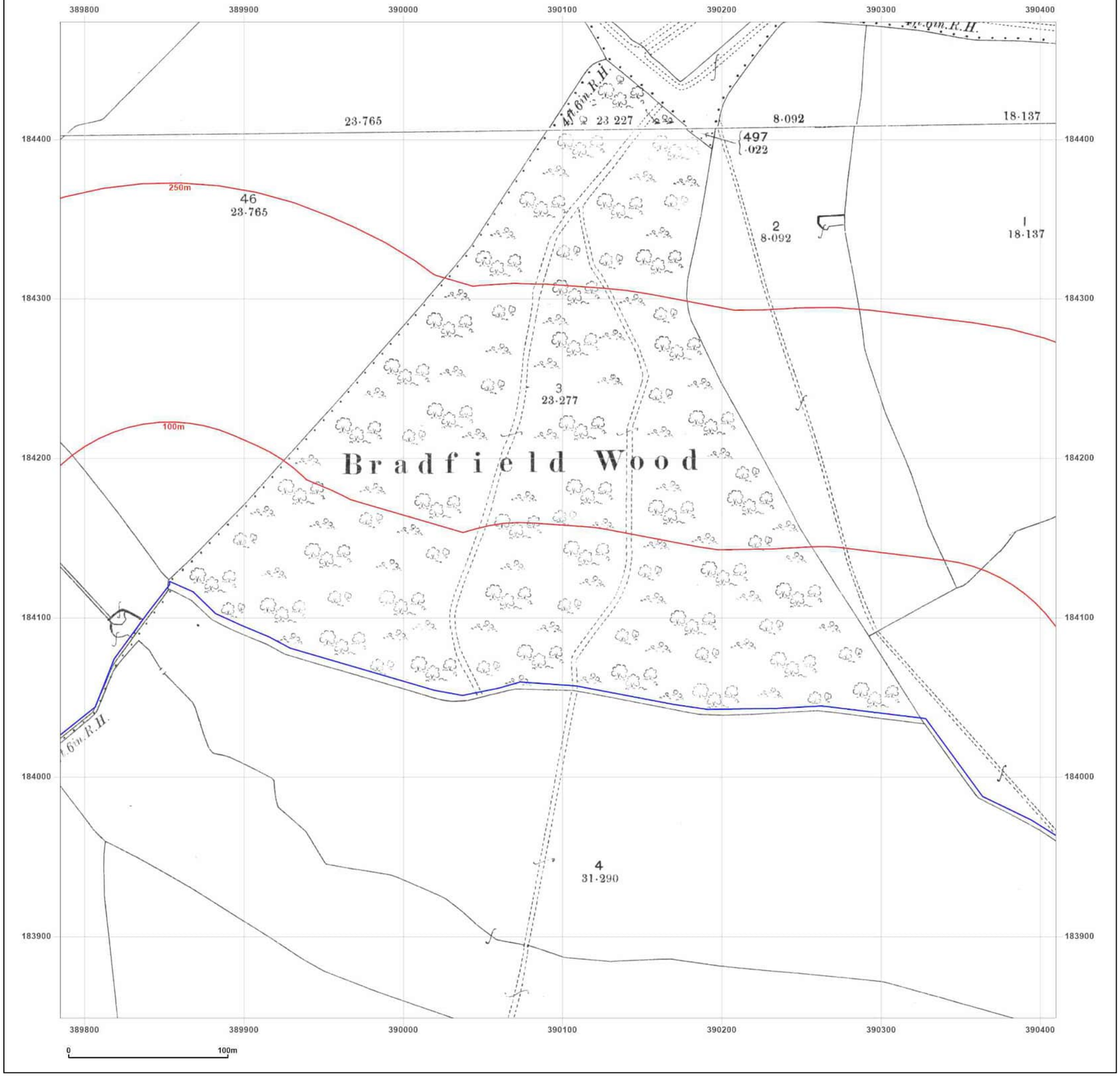
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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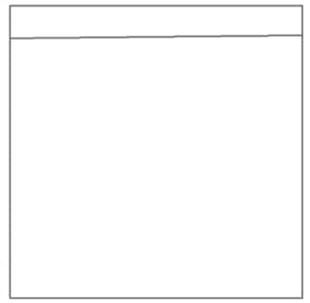
Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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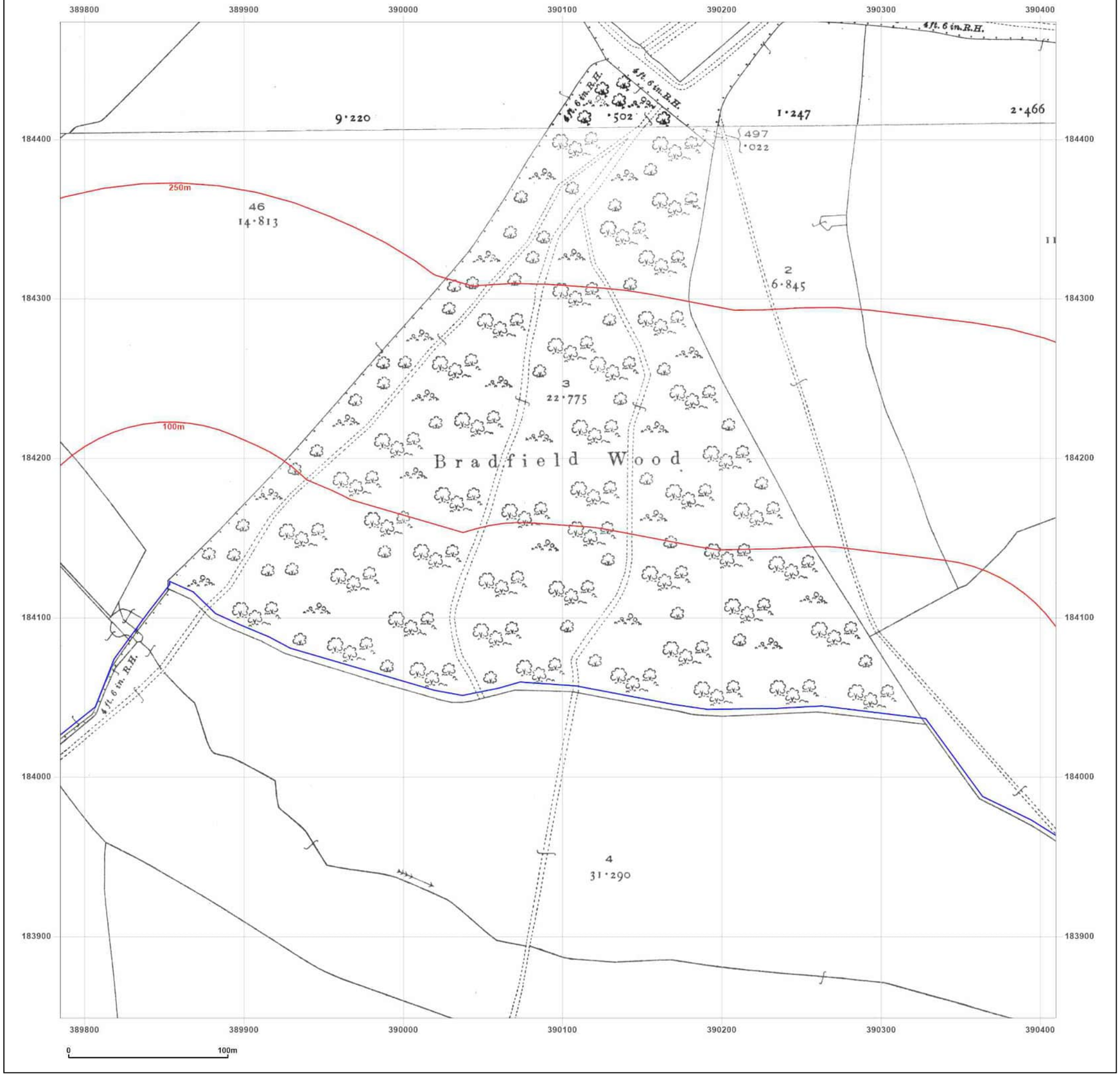
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** County Series

**Map date:** **1923**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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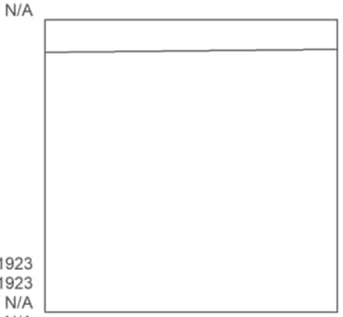
Surveyed 1923
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1923
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Edition N/A
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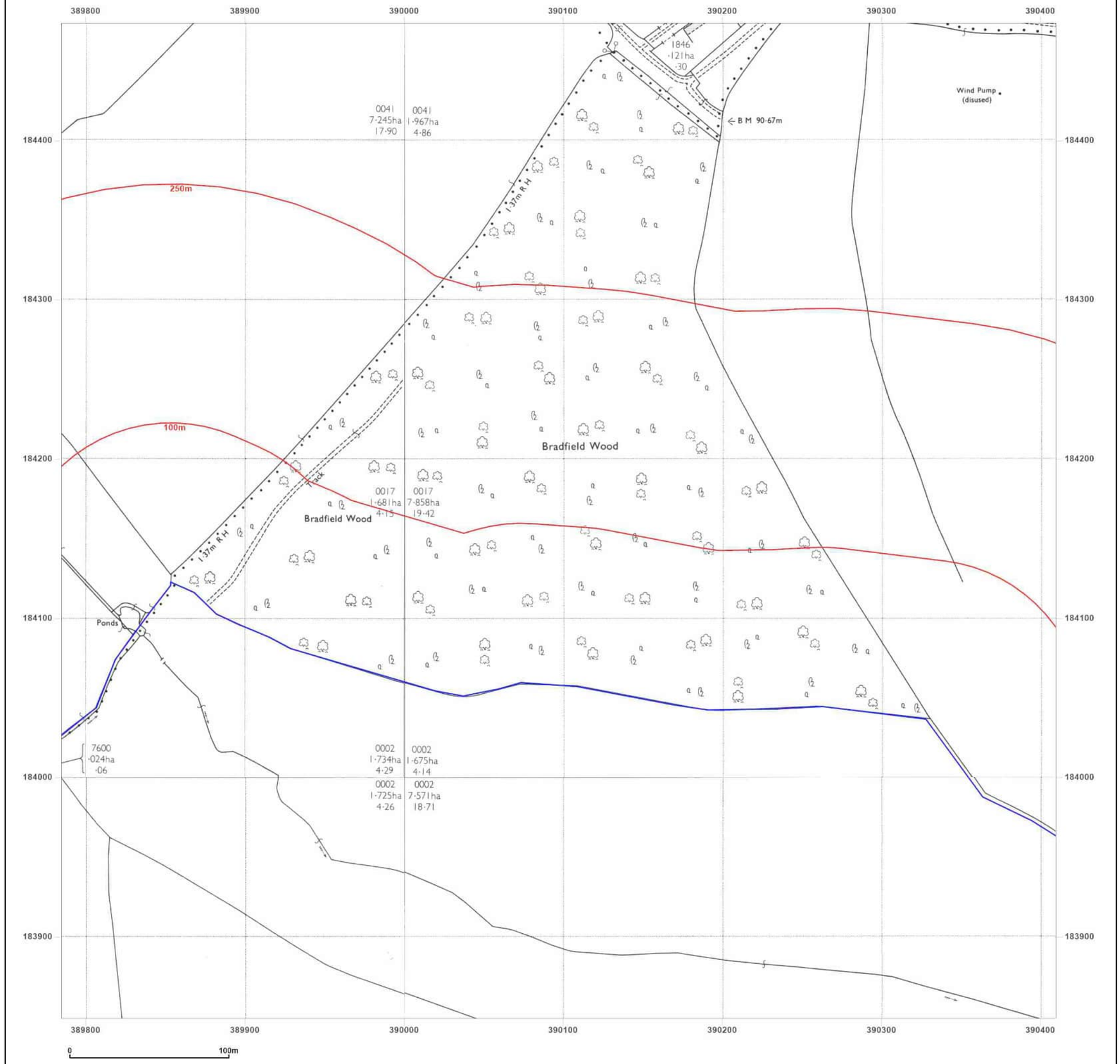
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** National Grid

**Map date:** **1980-1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1981
Levelled 1970

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

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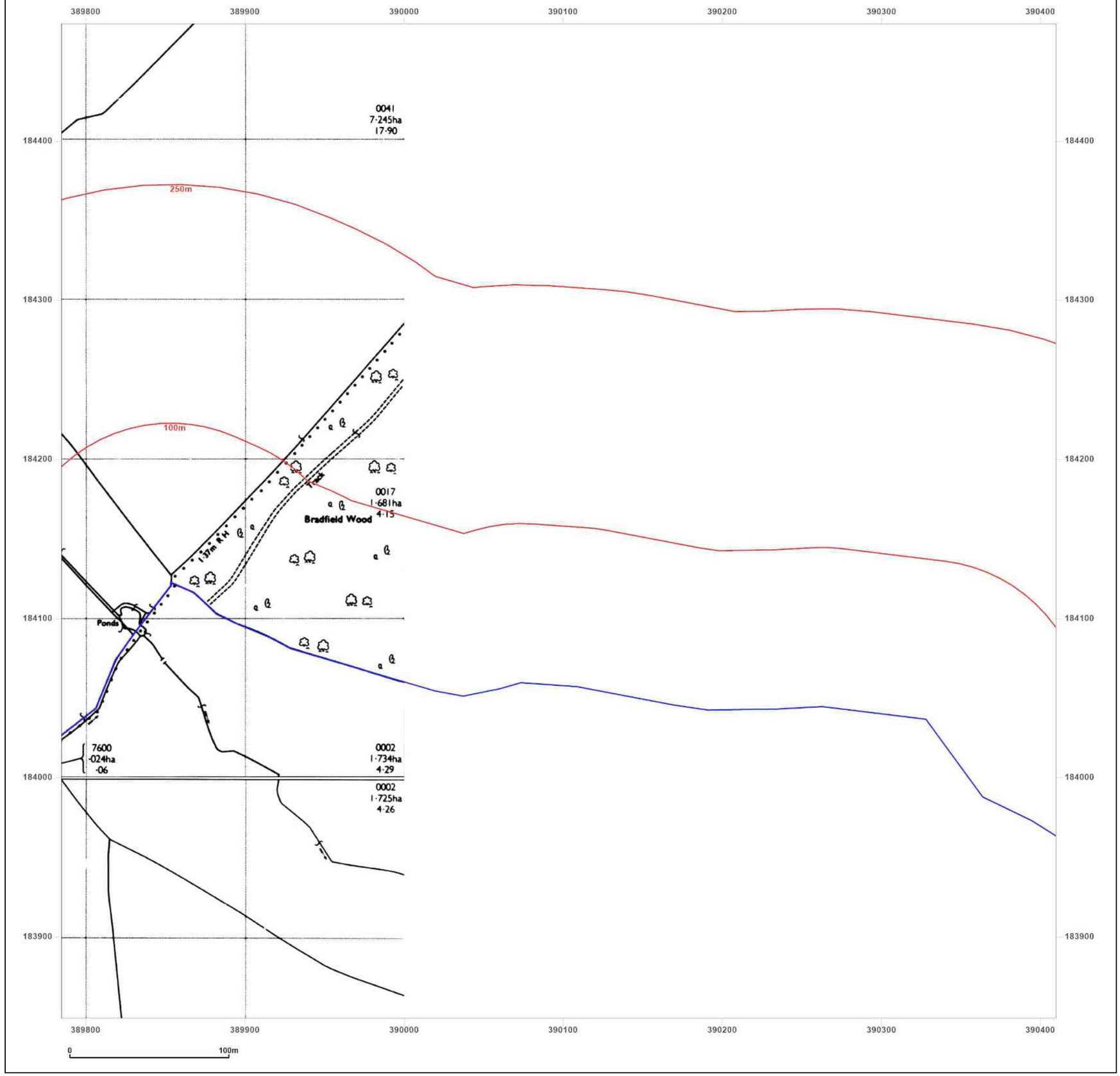
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** National Grid

**Map date:** **1981**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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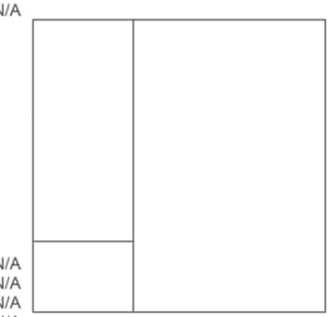
Surveyed N/A
Revised N/A
Edition N/A
Copyright N/A
Levelled N/A



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

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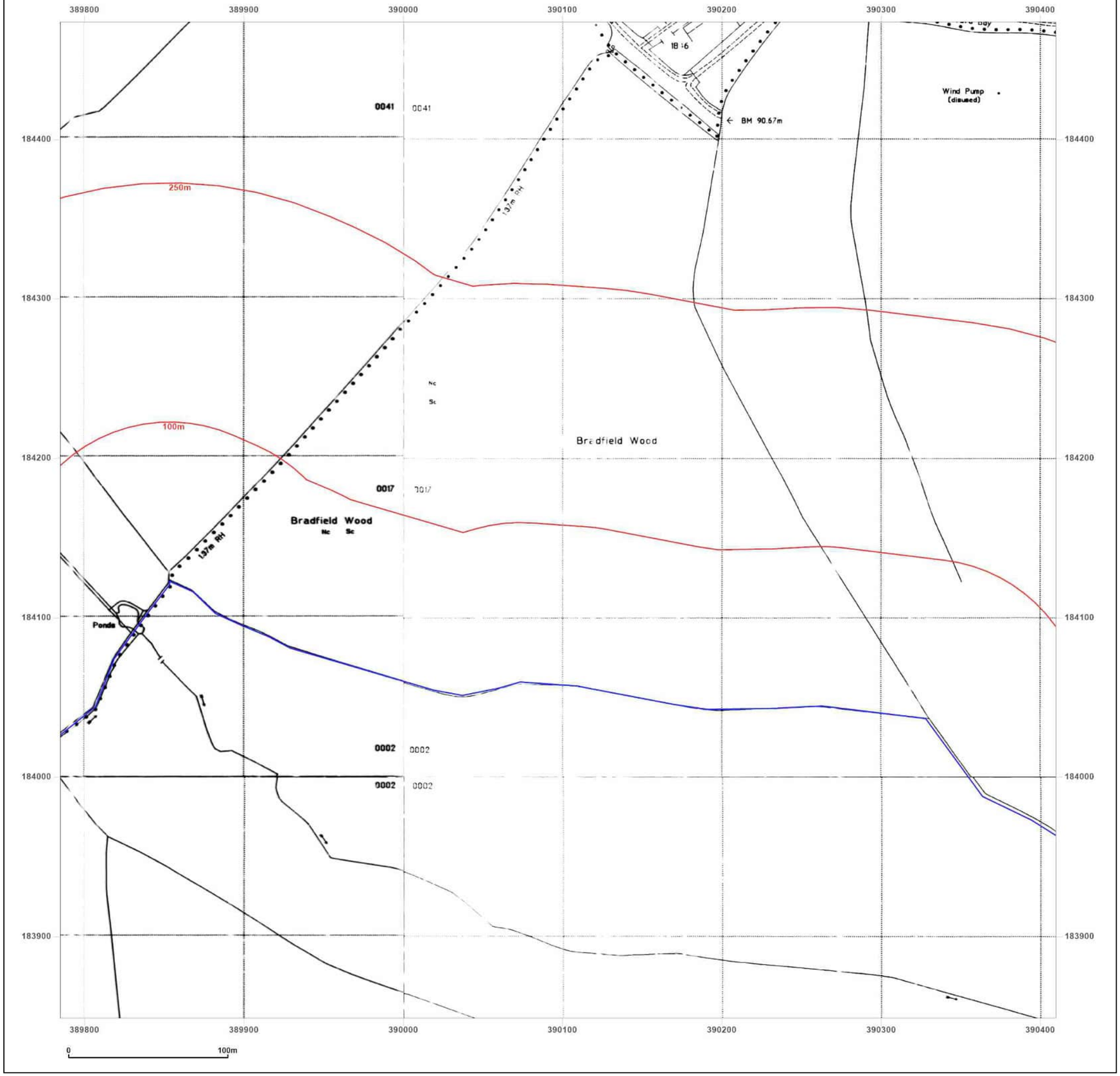


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_4_3
**Grid Ref:** 390097, 184161

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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

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

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Revised N/A
Edition N/A
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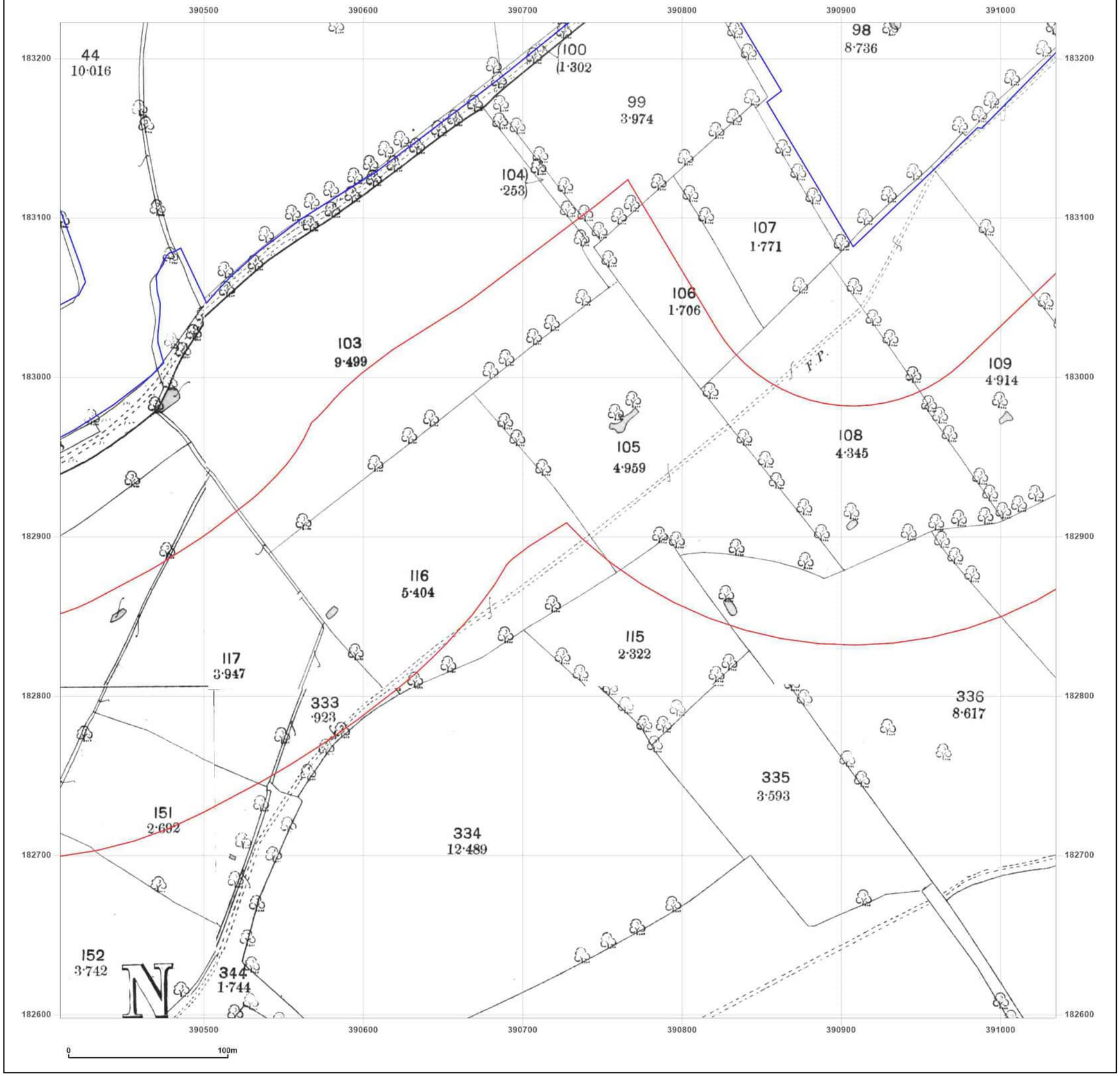
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_1
**Grid Ref:** 390722, 182910

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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Edition N/A
Copyright N/A
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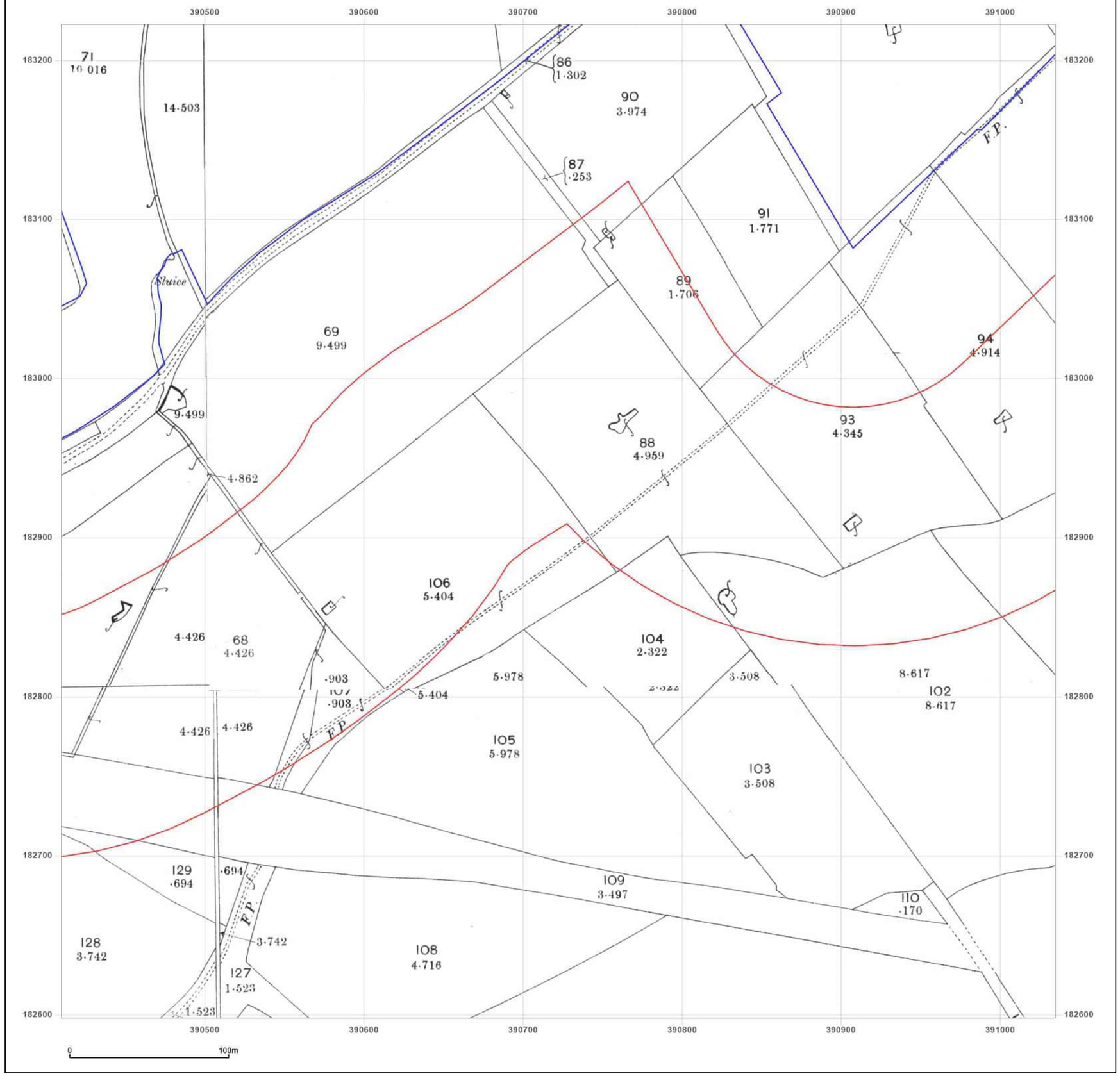


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_1
**Grid Ref:** 390722, 182910

**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

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
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Edition N/A
Copyright N/A
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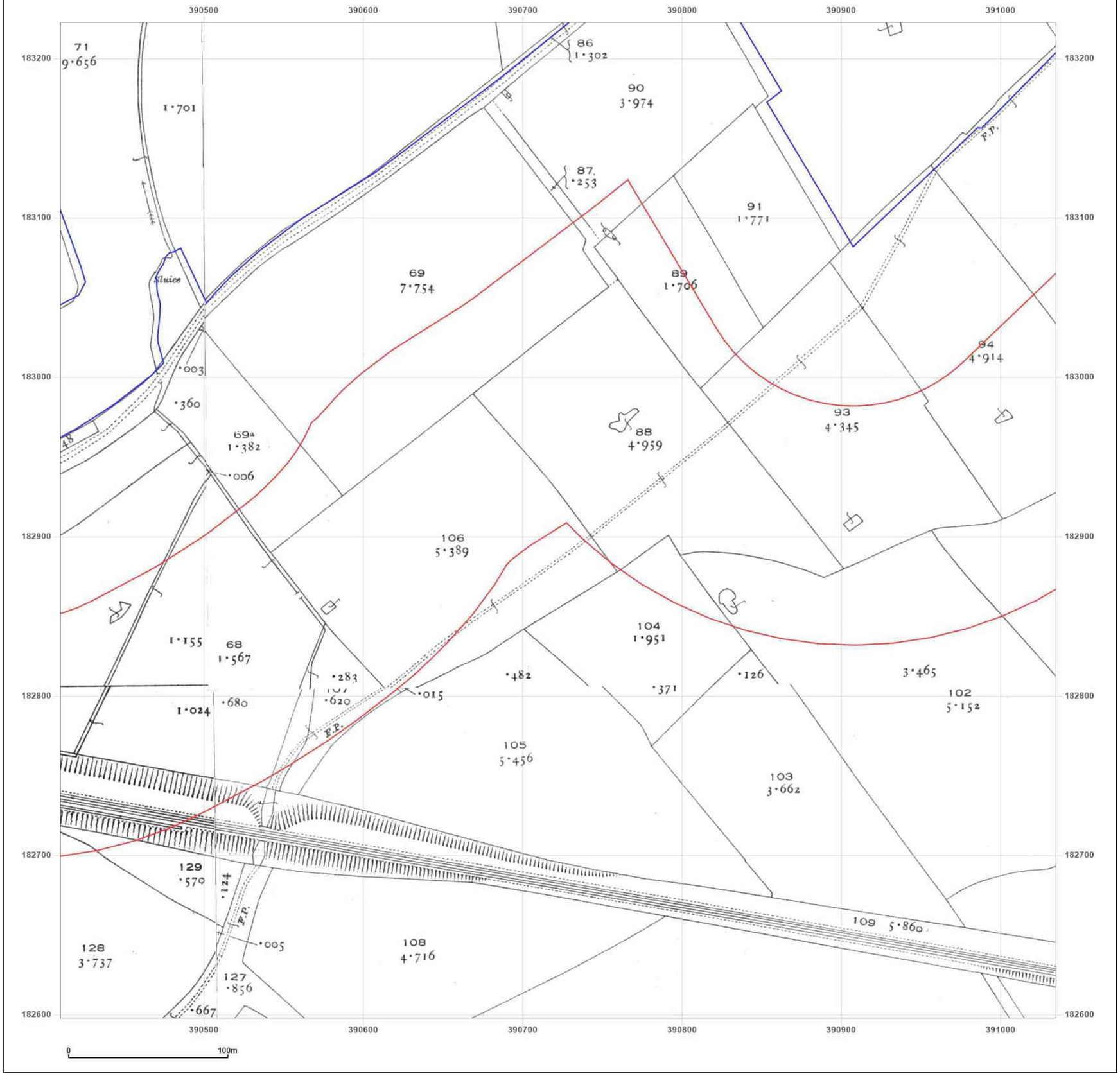
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_1
**Grid Ref:** 390722, 182910

**Map Name:** County Series

**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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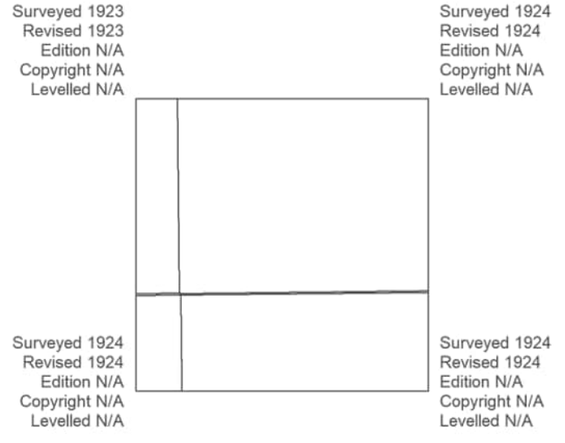


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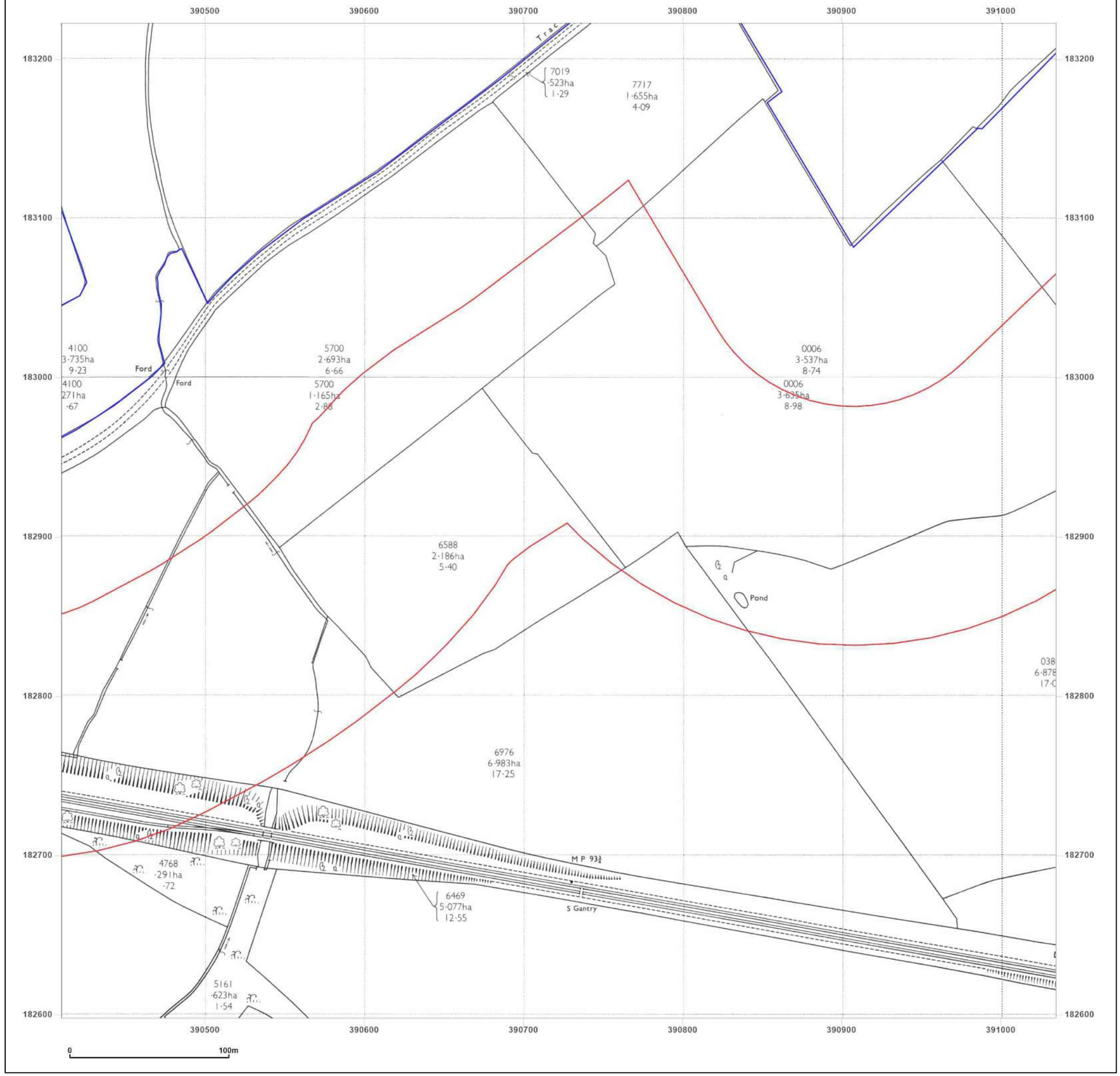


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_1
**Grid Ref:** 390722, 182910

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1970

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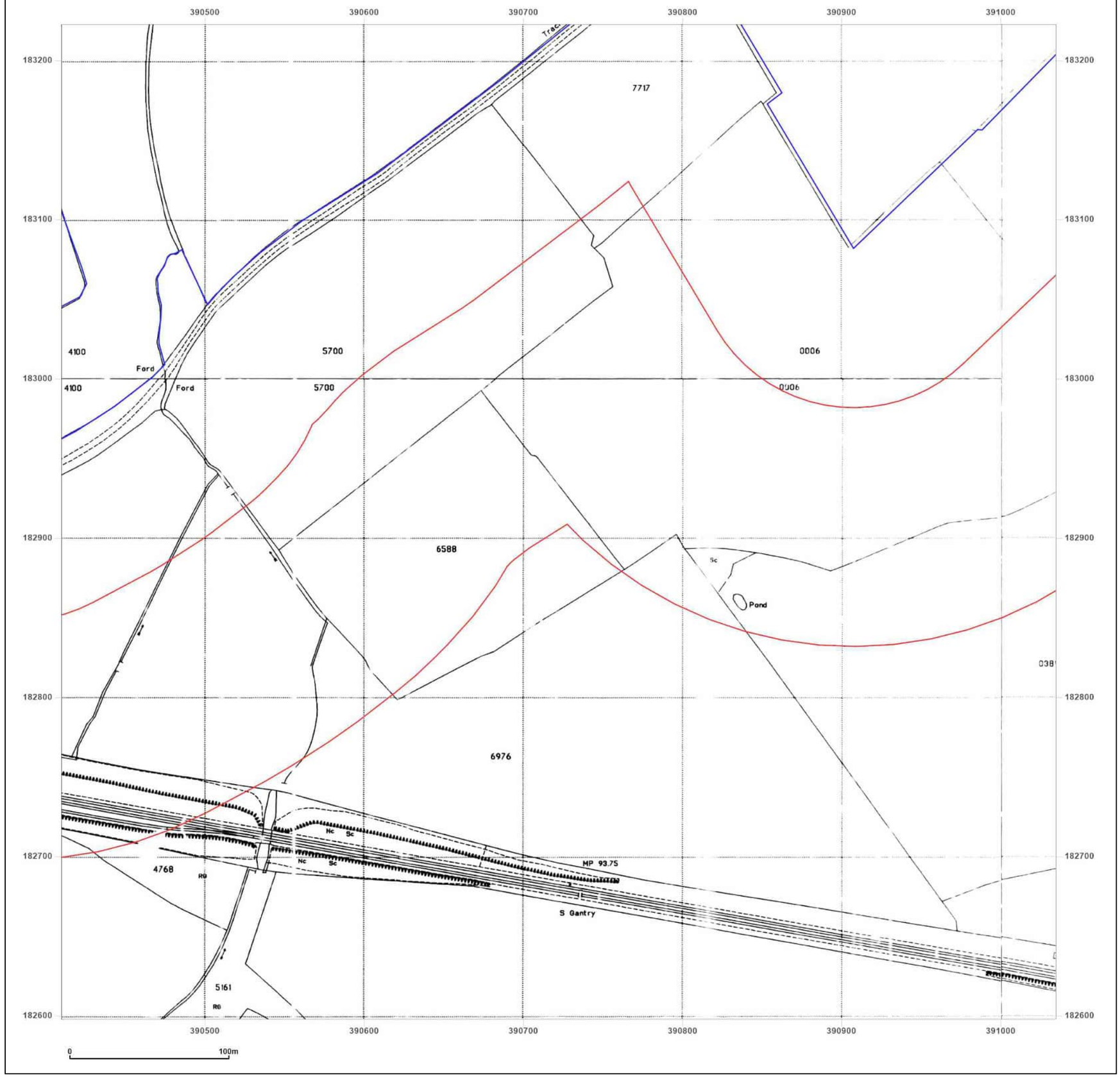


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_1
**Grid Ref:** 390722, 182910

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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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

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

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Edition N/A
Copyright 1994
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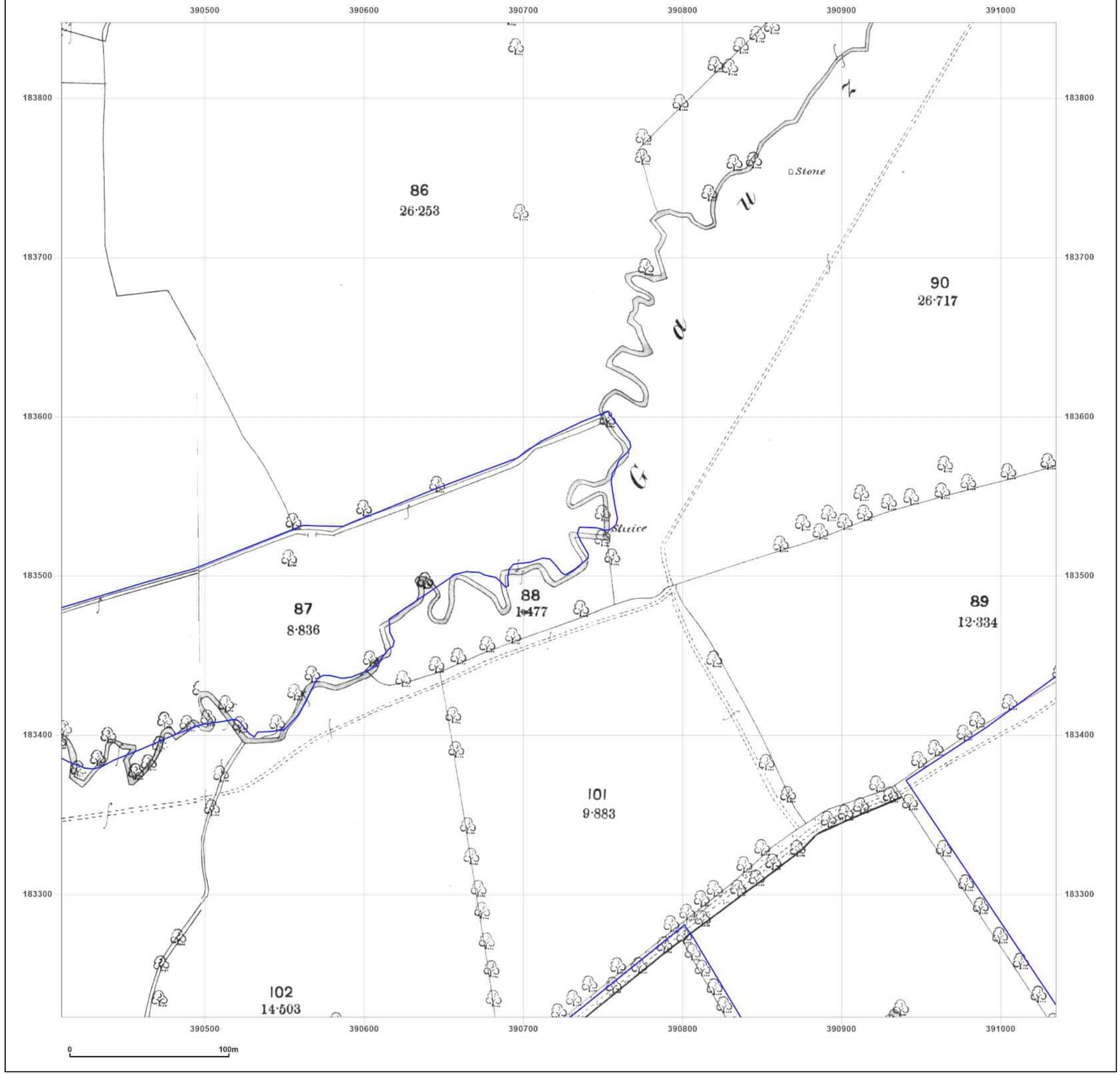


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_2
**Grid Ref:** 390722, 183535

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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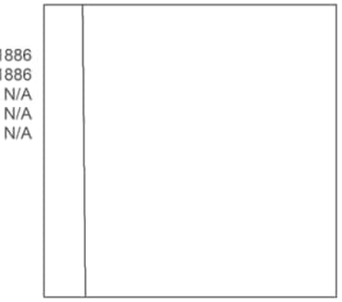
Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
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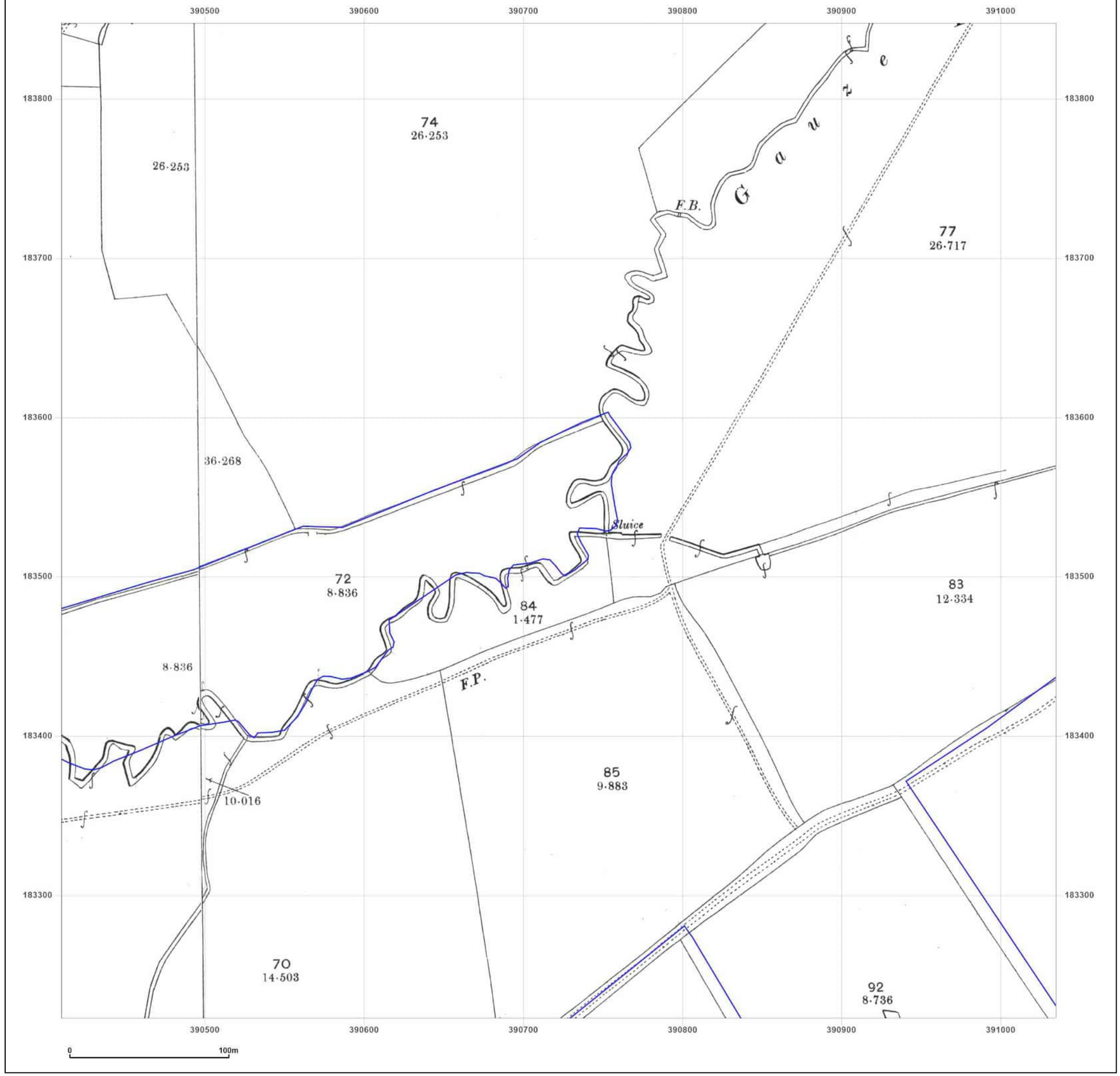


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_2
**Grid Ref:** 390722, 183535

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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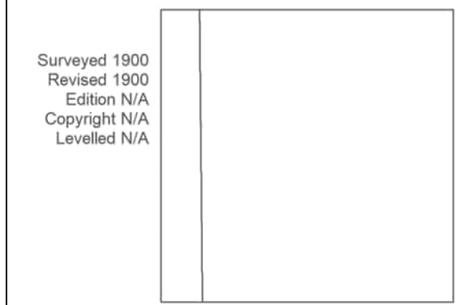


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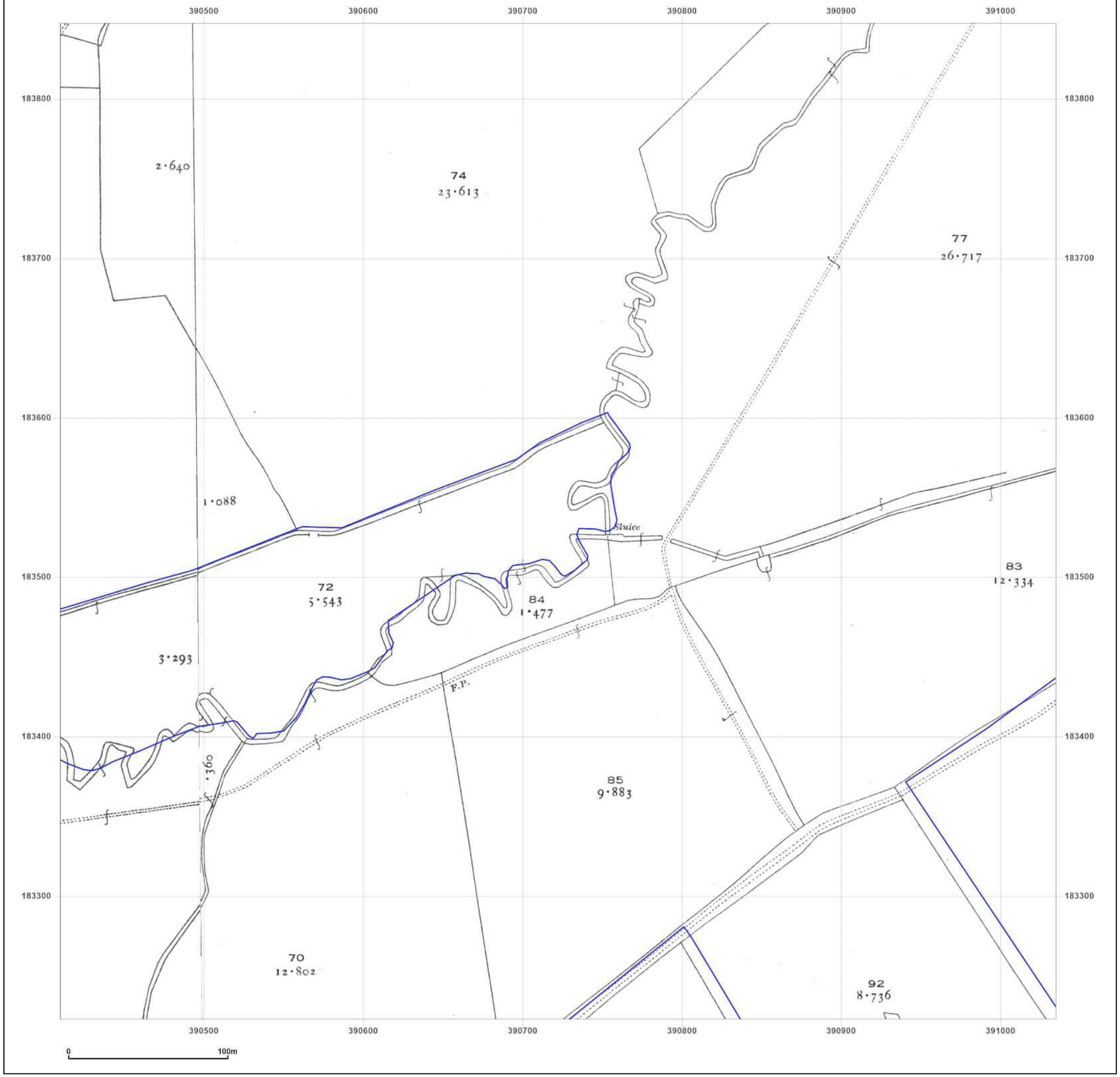


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_2
**Grid Ref:** 390722, 183535

**Map Name:** County Series

**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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Production date: 08 October 2024

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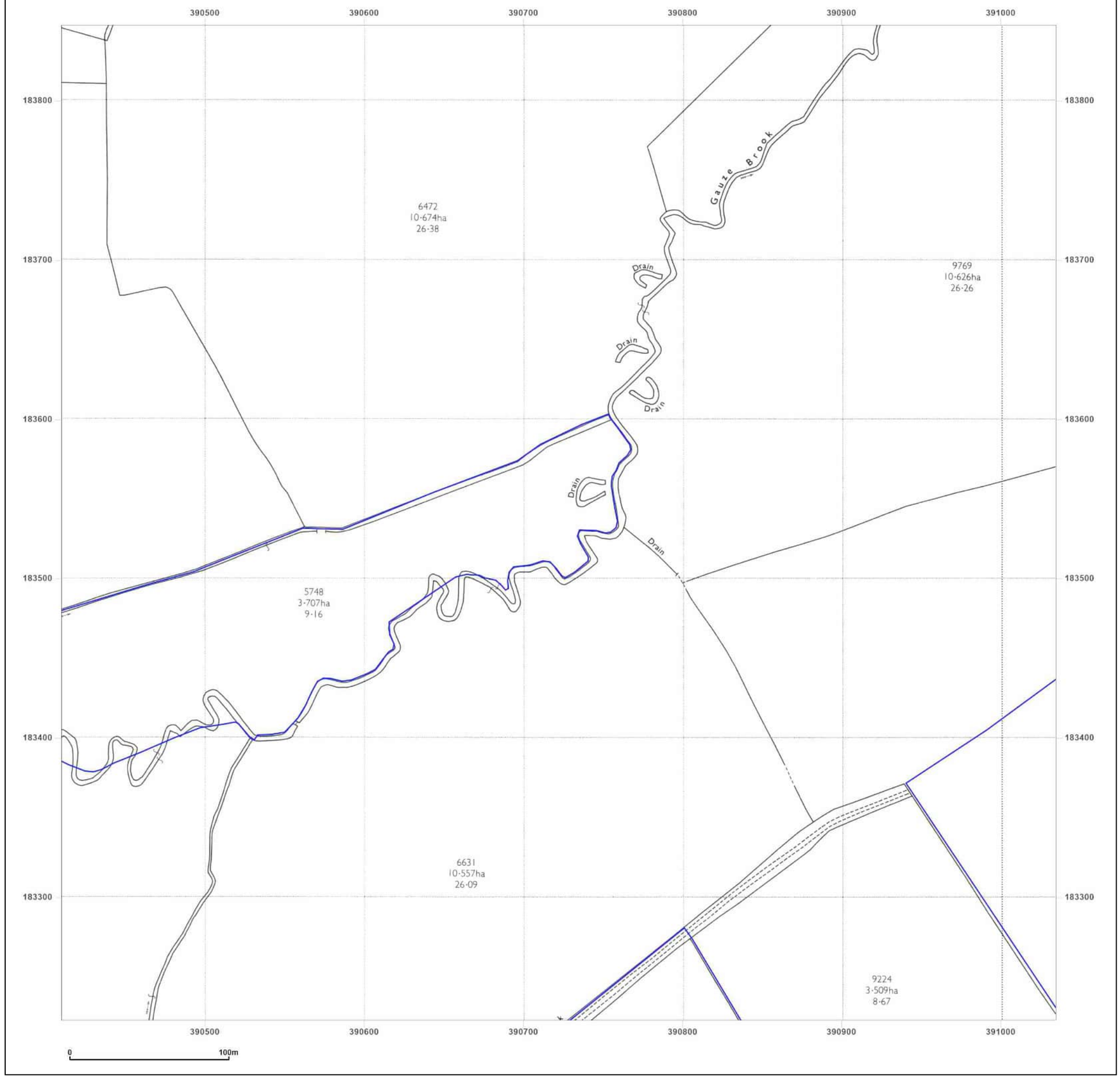


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_2
**Grid Ref:** 390722, 183535

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

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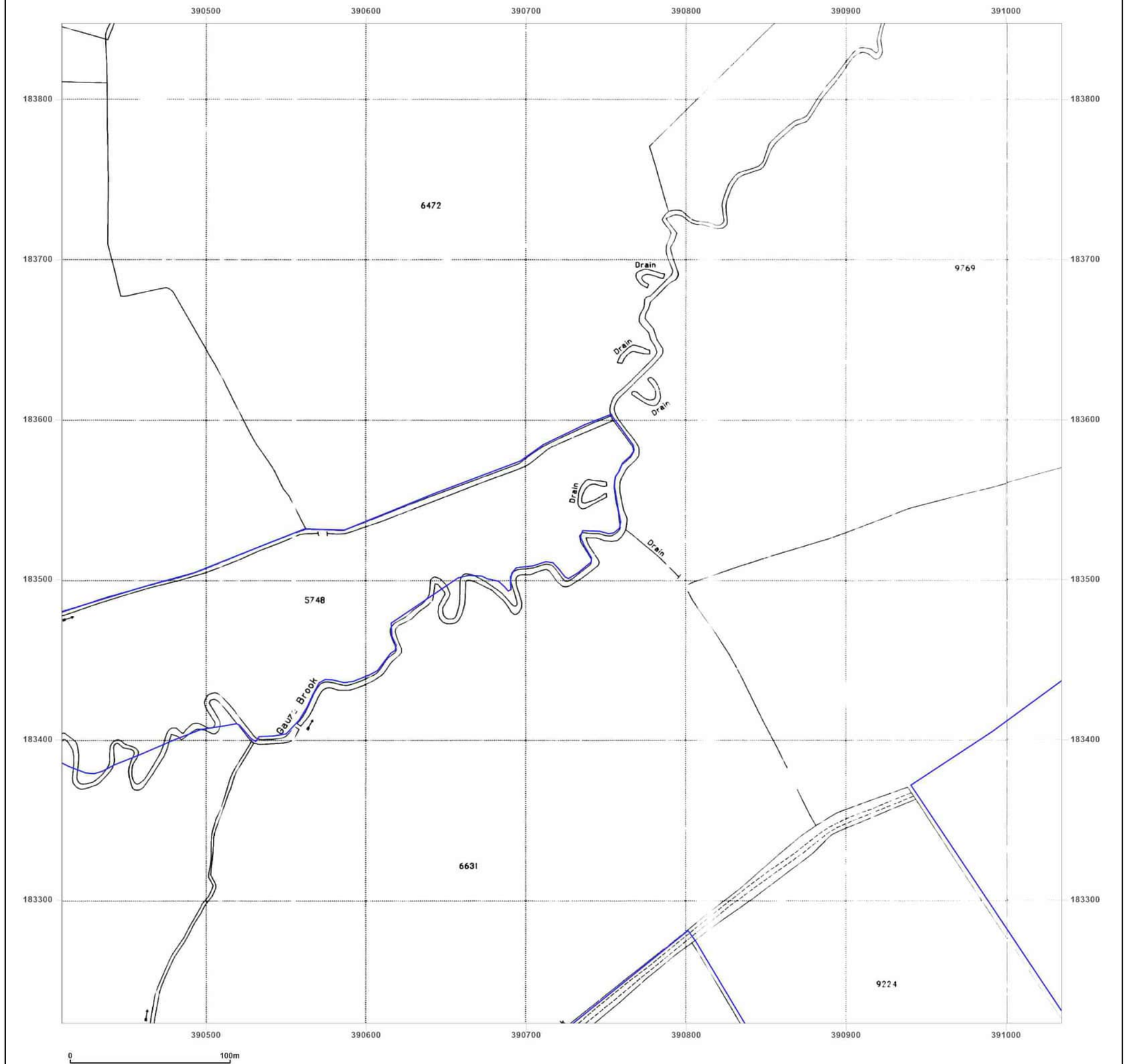


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_2
**Grid Ref:** 390722, 183535

**Map Name:** National Grid

**Map date:** **1994**

**Scale:** 1:2,500

**Printed at:** 1:2,500

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

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

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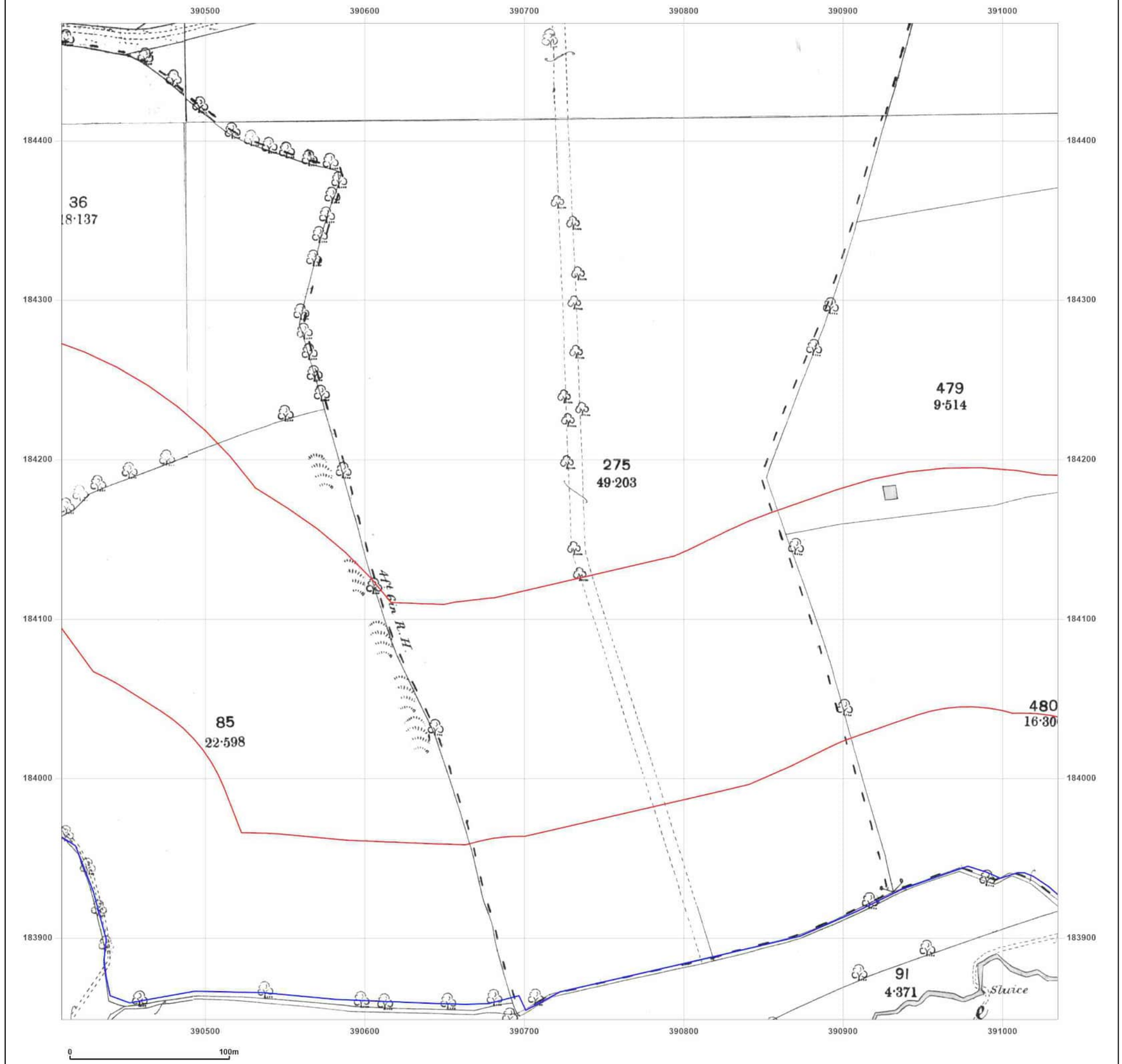
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

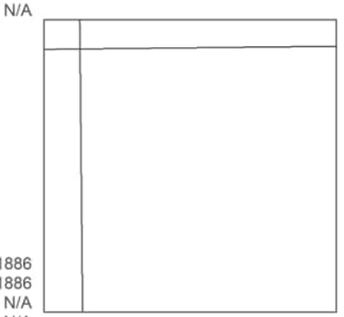
Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_3
**Grid Ref:** 390722, 184161

**Map Name:** County Series
**Map date:** **1886**
**Scale:** 1:2,500
**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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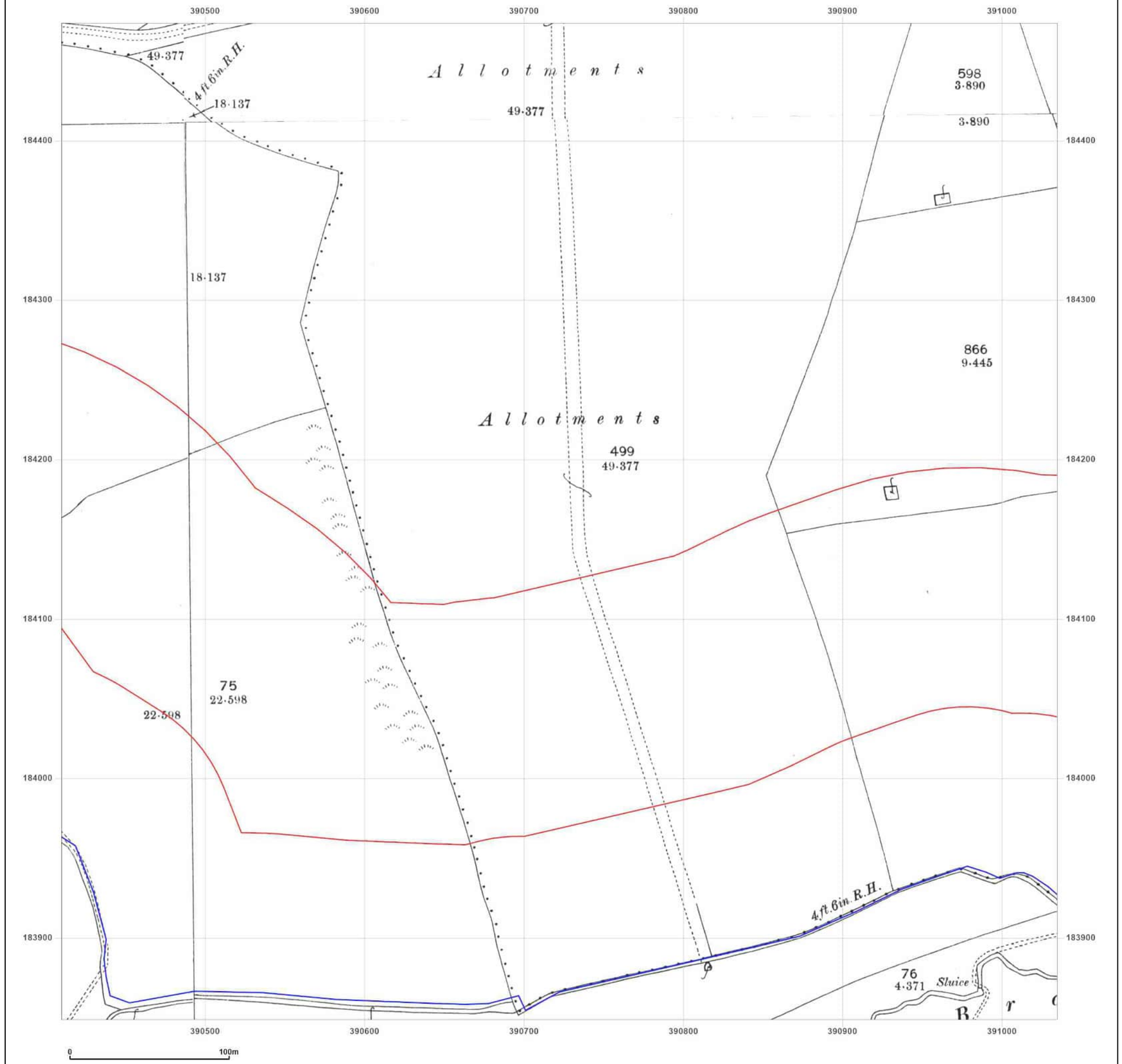
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_3
**Grid Ref:** 390722, 184161

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
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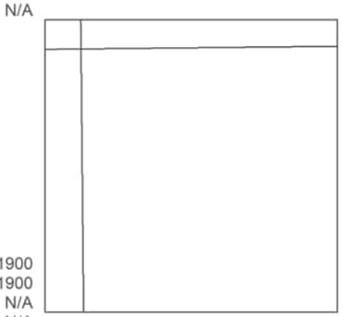
Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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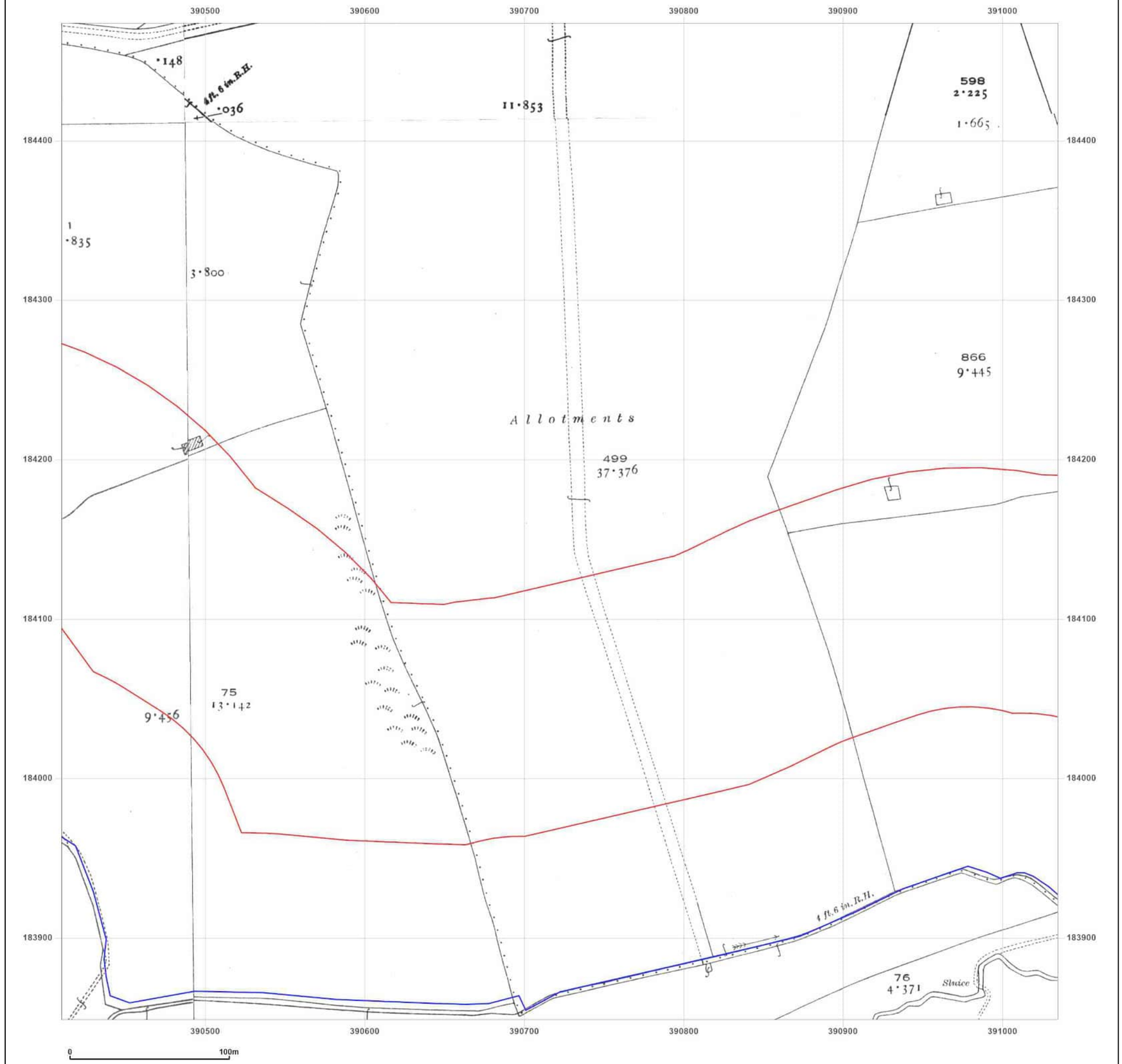
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_3
**Grid Ref:** 390722, 184161

**Map Name:** County Series

**Map date:** **1923-1924**

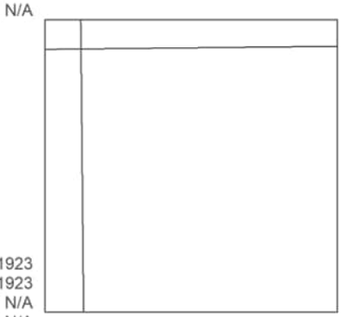
**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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

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



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

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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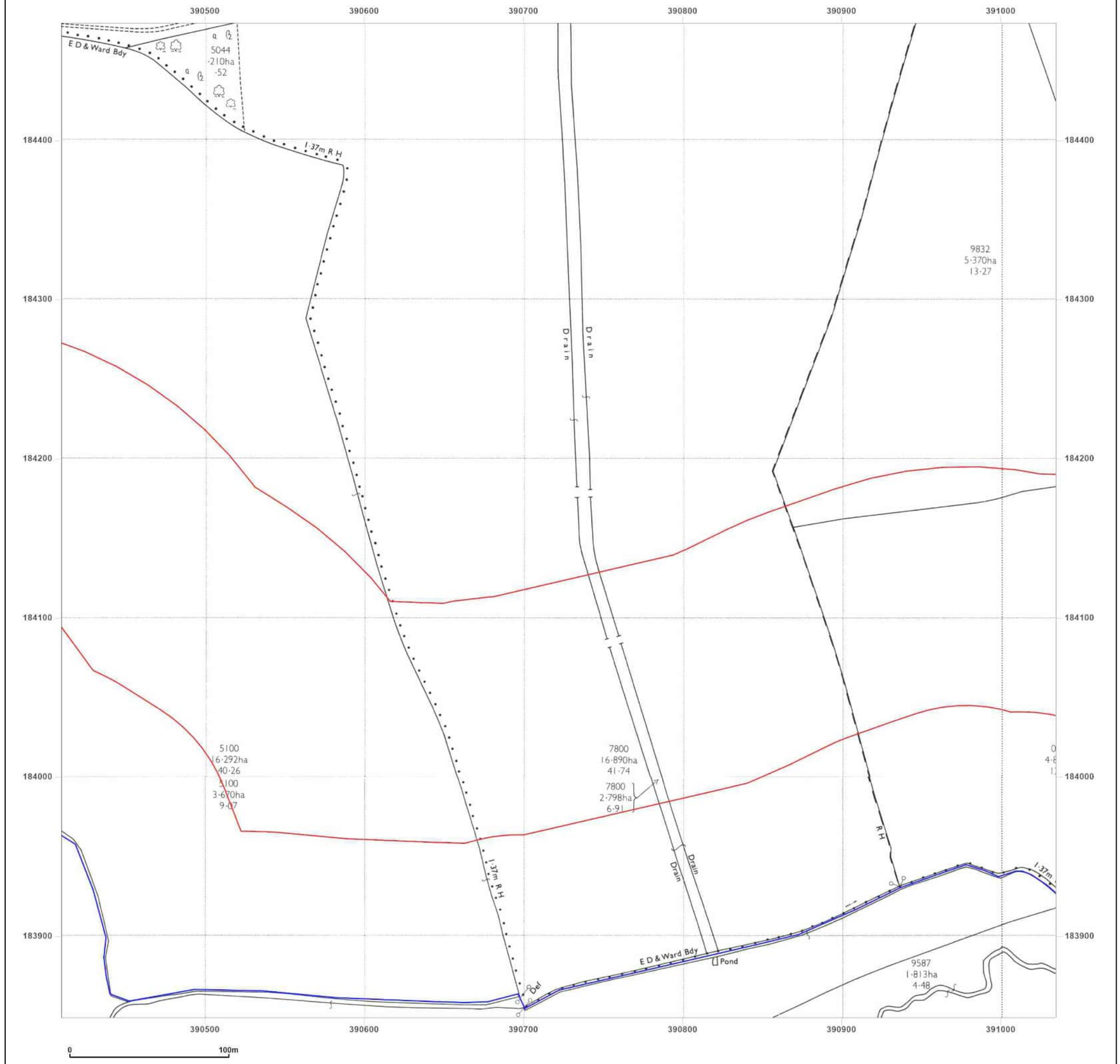
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_3
**Grid Ref:** 390722, 184161

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

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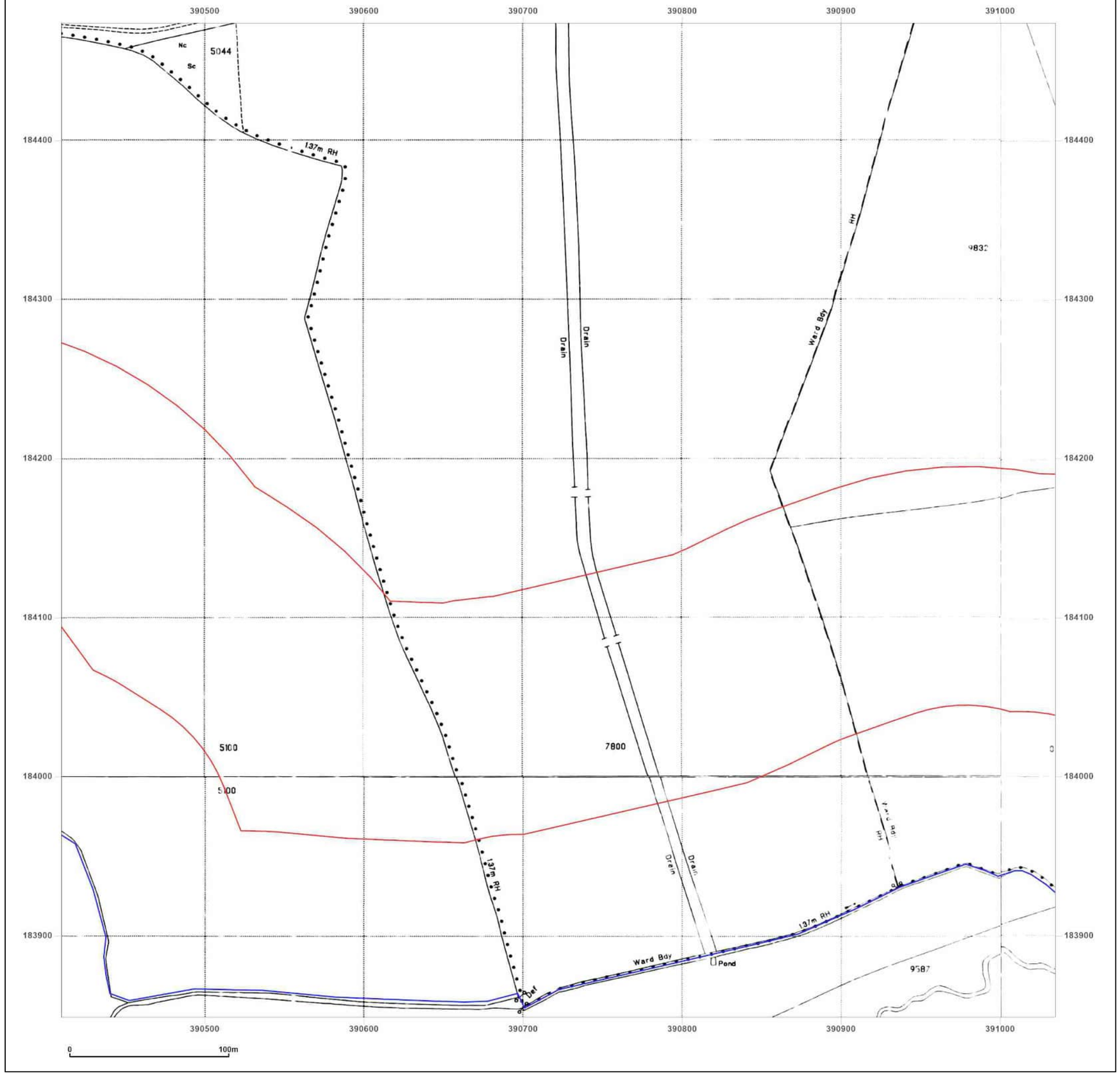
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_5_3
**Grid Ref:** 390722, 184161

**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

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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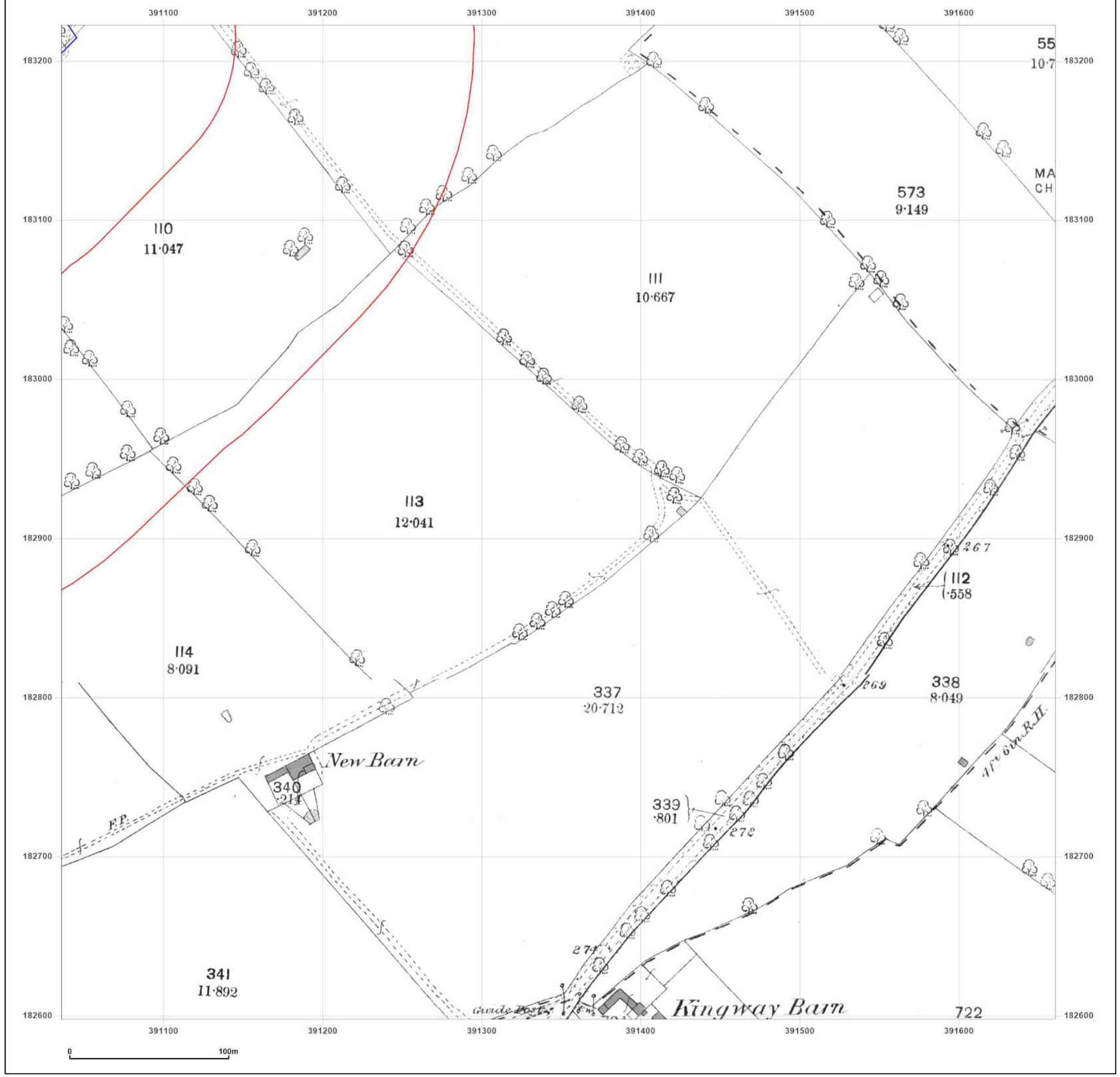
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
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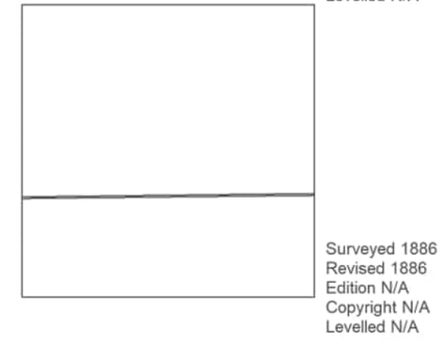


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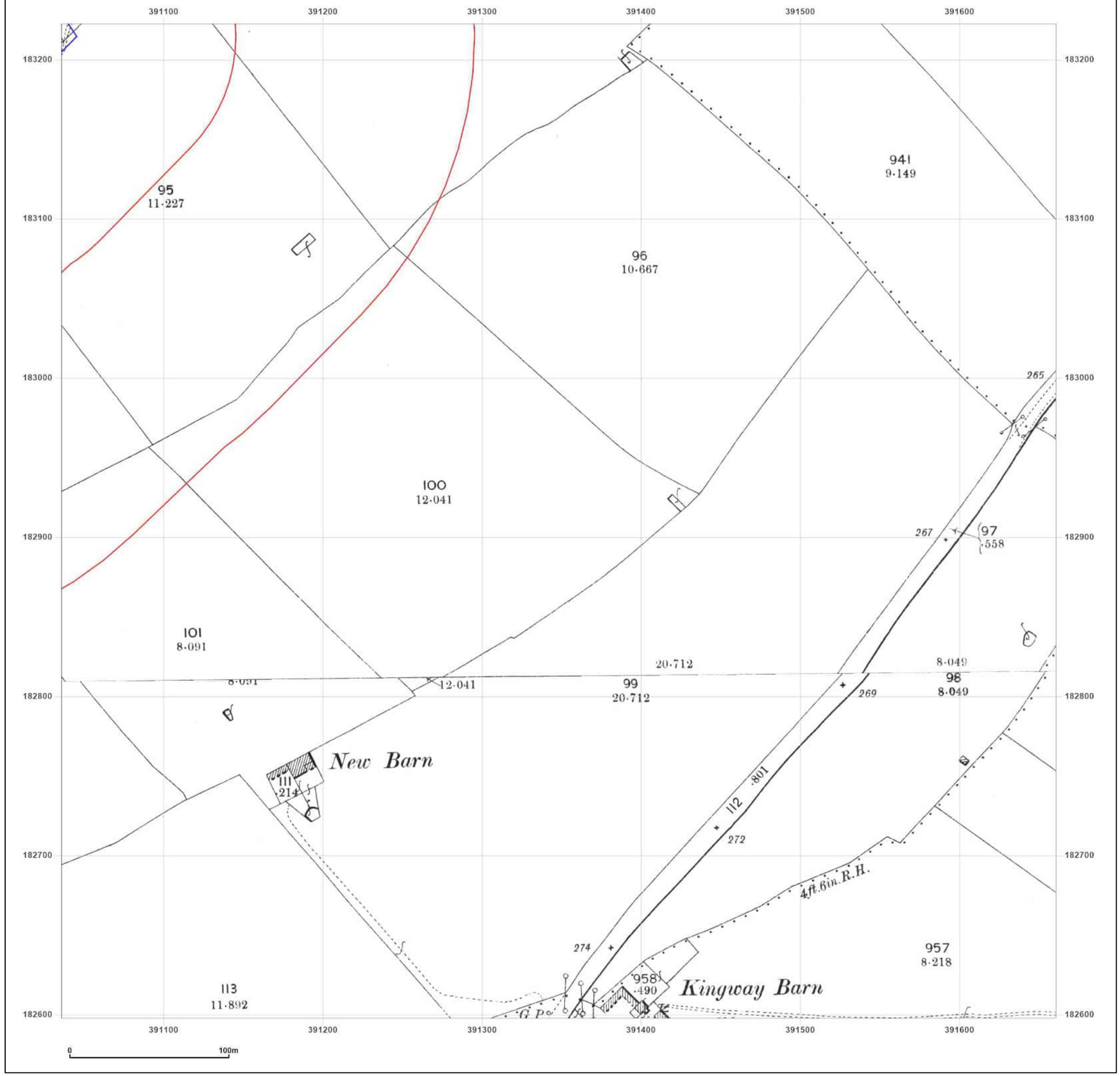


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**Map Name:** County Series

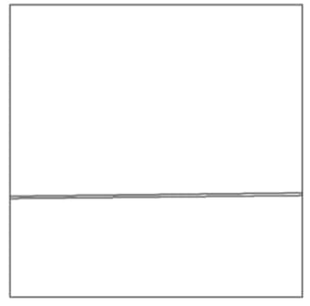
**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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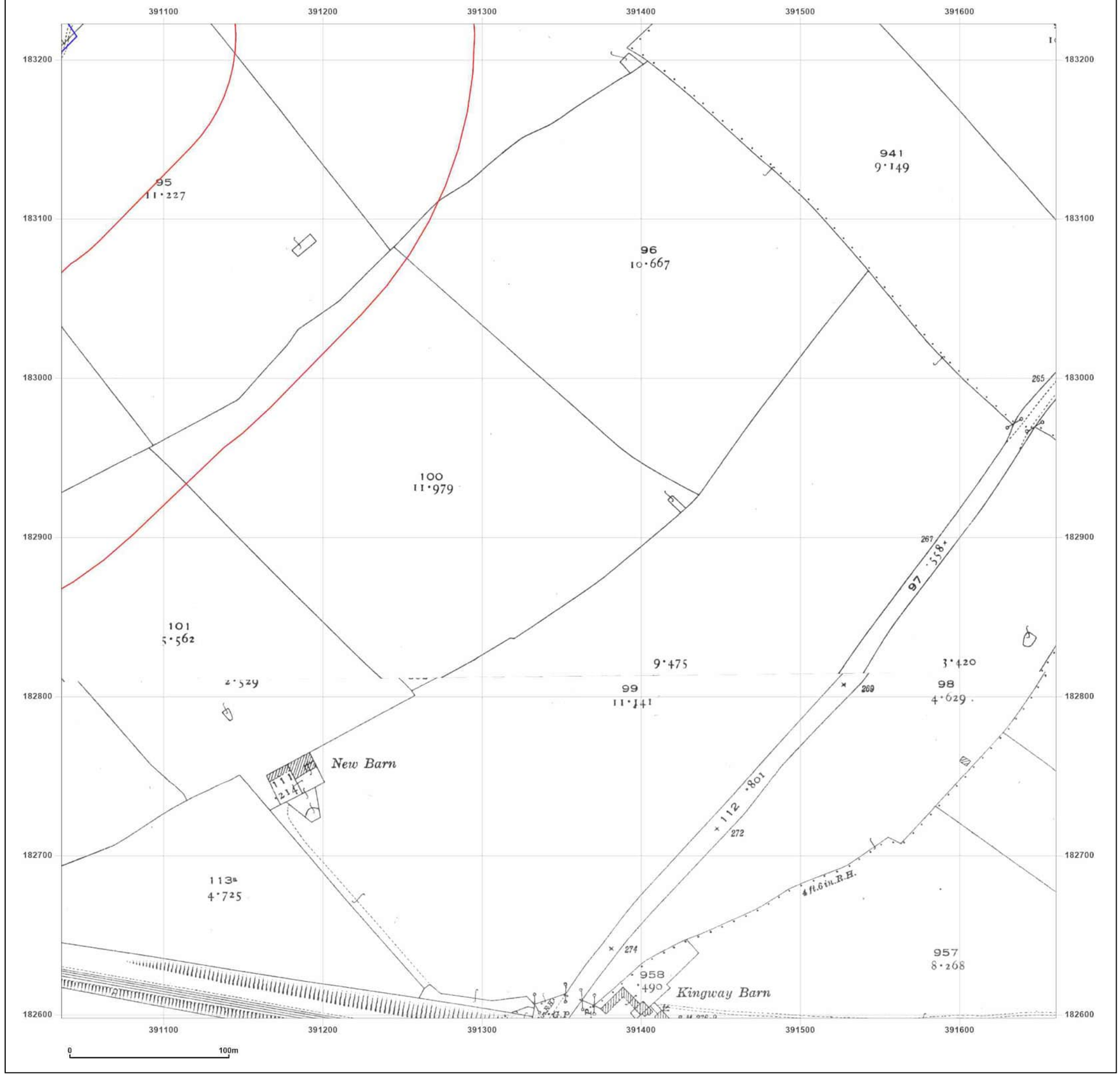
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**Map Name:** County Series

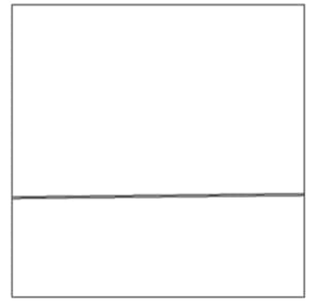
**Map date:** **1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1970

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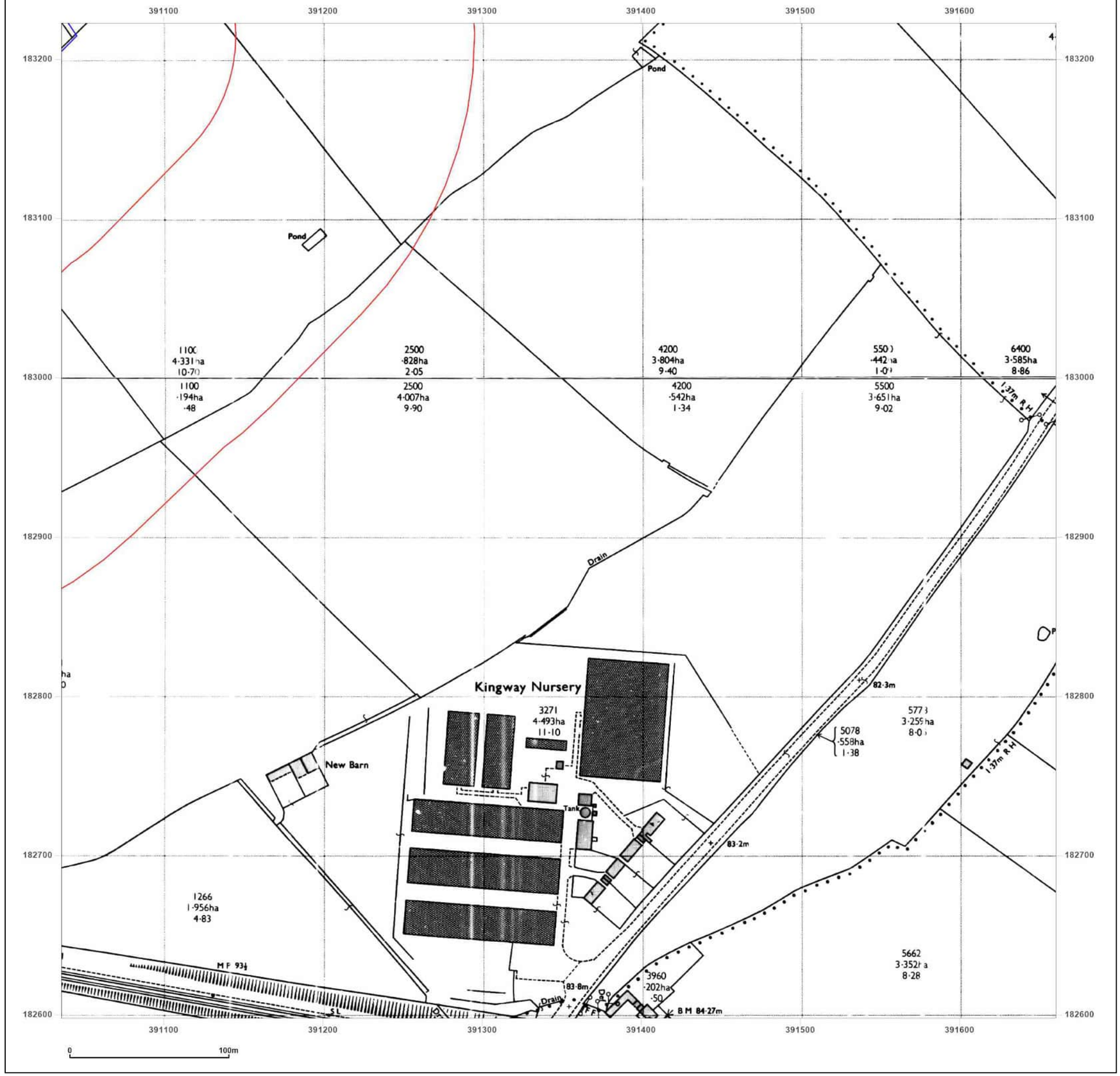


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**Map Name:** National Grid

**Map date:** **1980**

**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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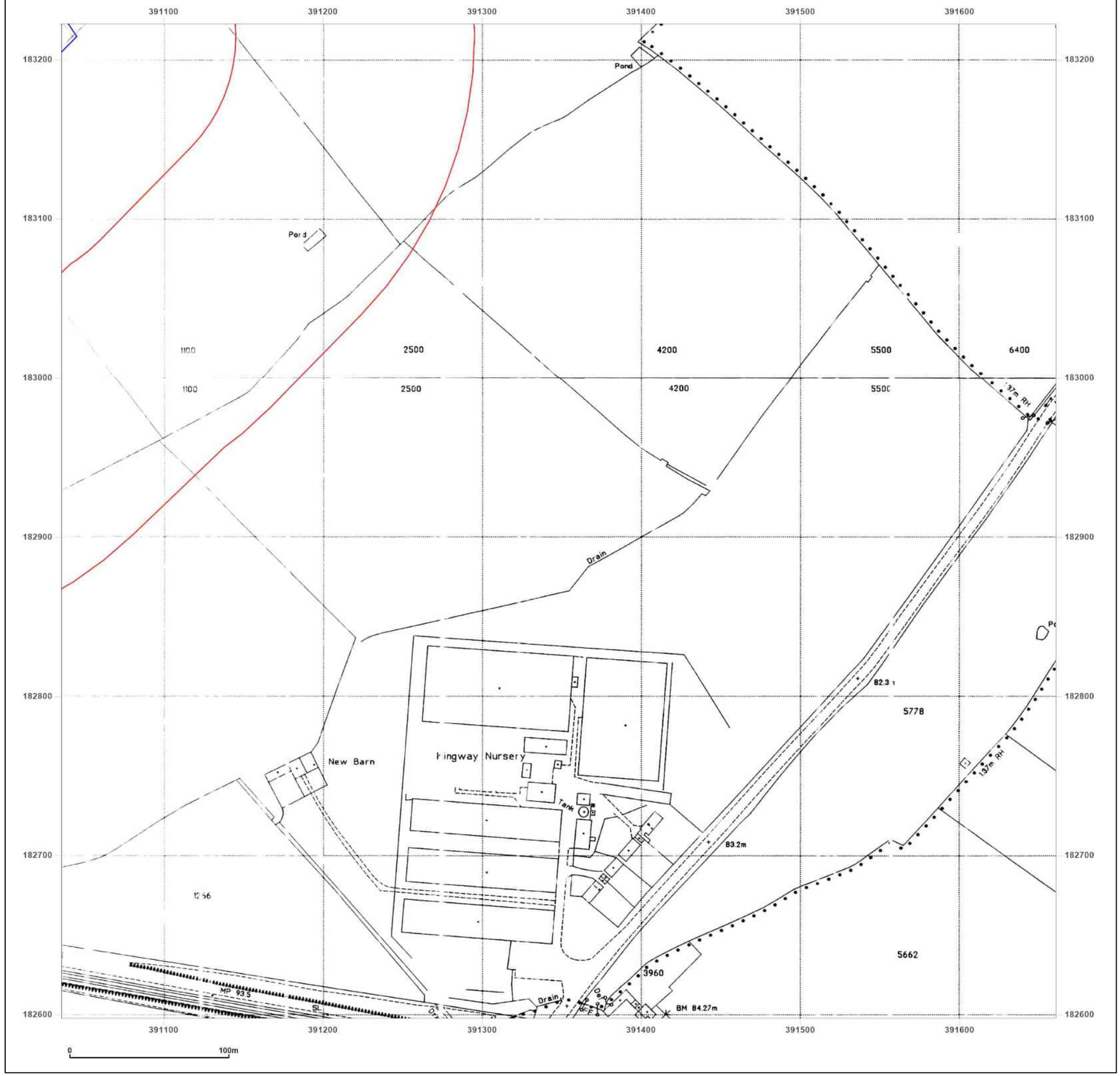


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_1
**Grid Ref:** 391348, 182910

**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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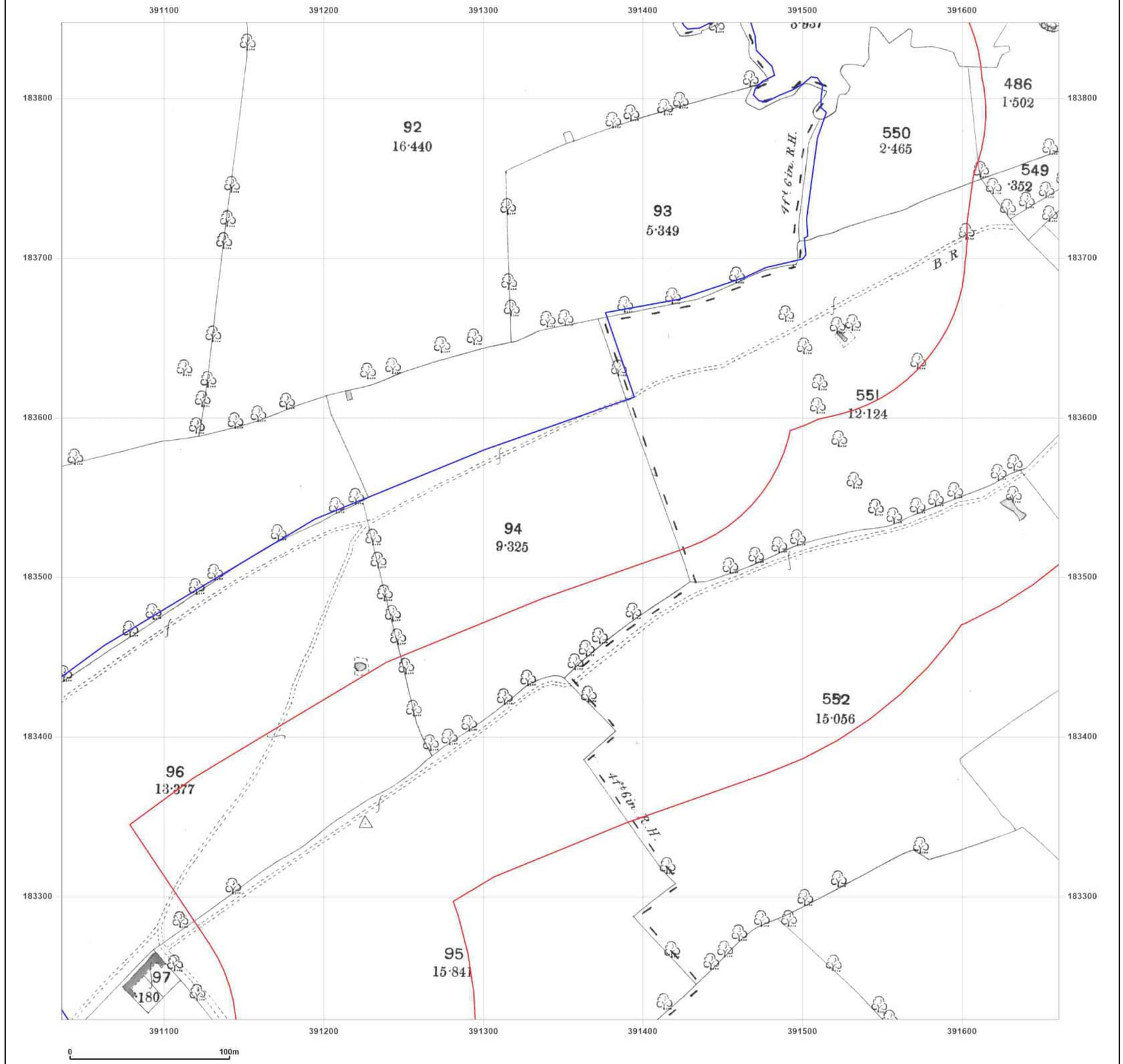


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**Map Name:** County Series

**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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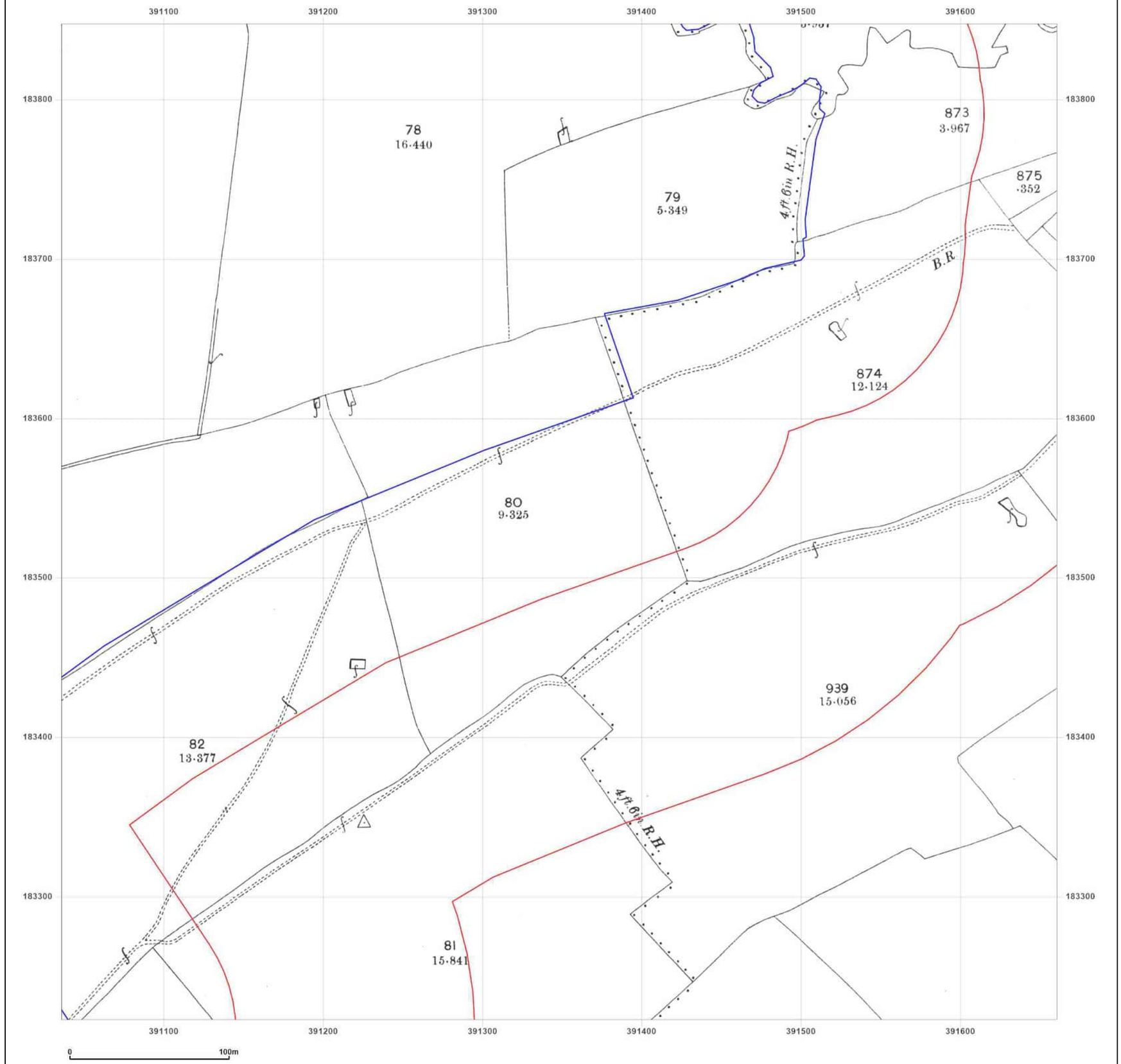
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**Map Name:** County Series

**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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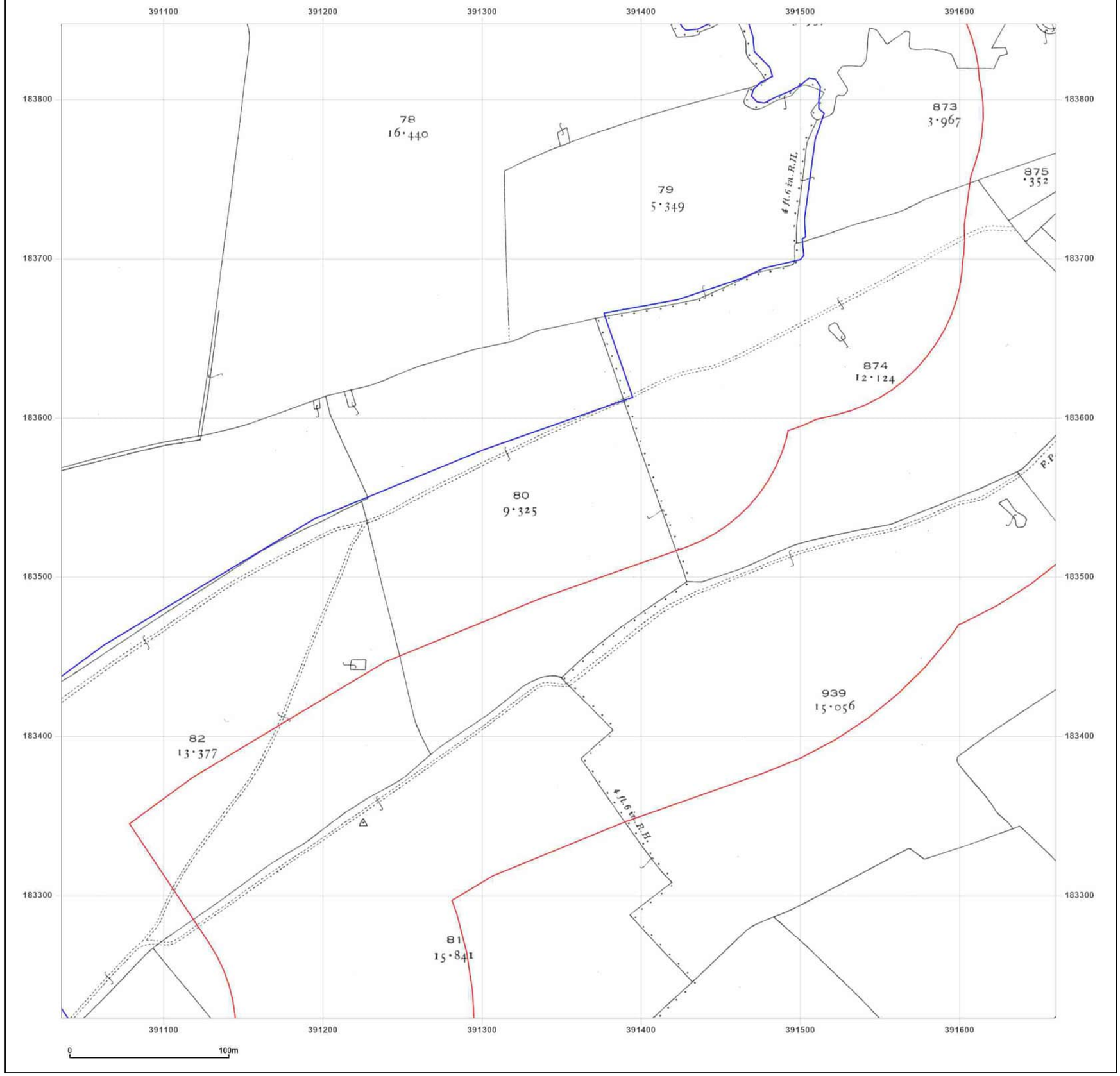


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**Map Name:** County Series

**Map date:** **1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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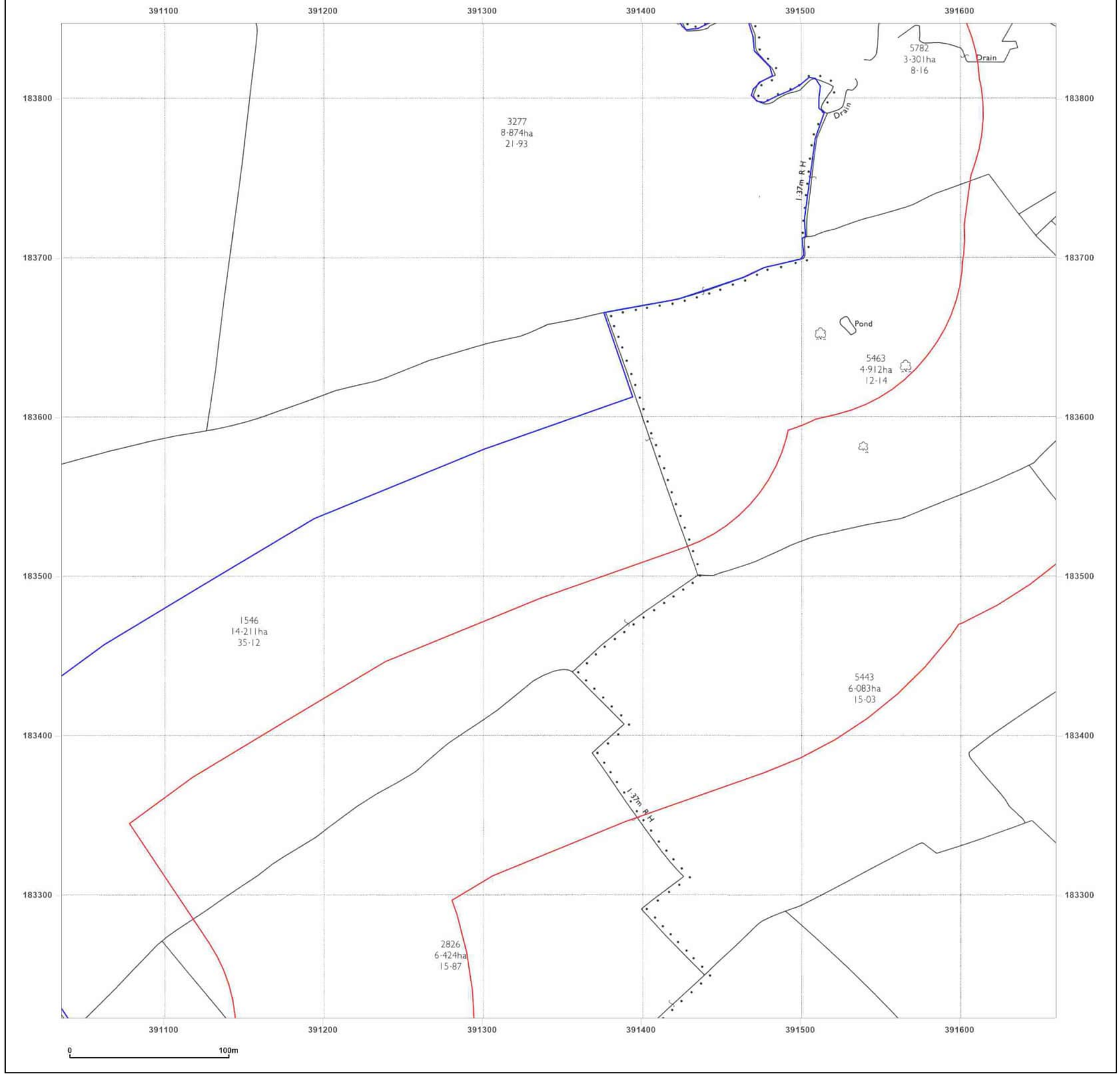
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

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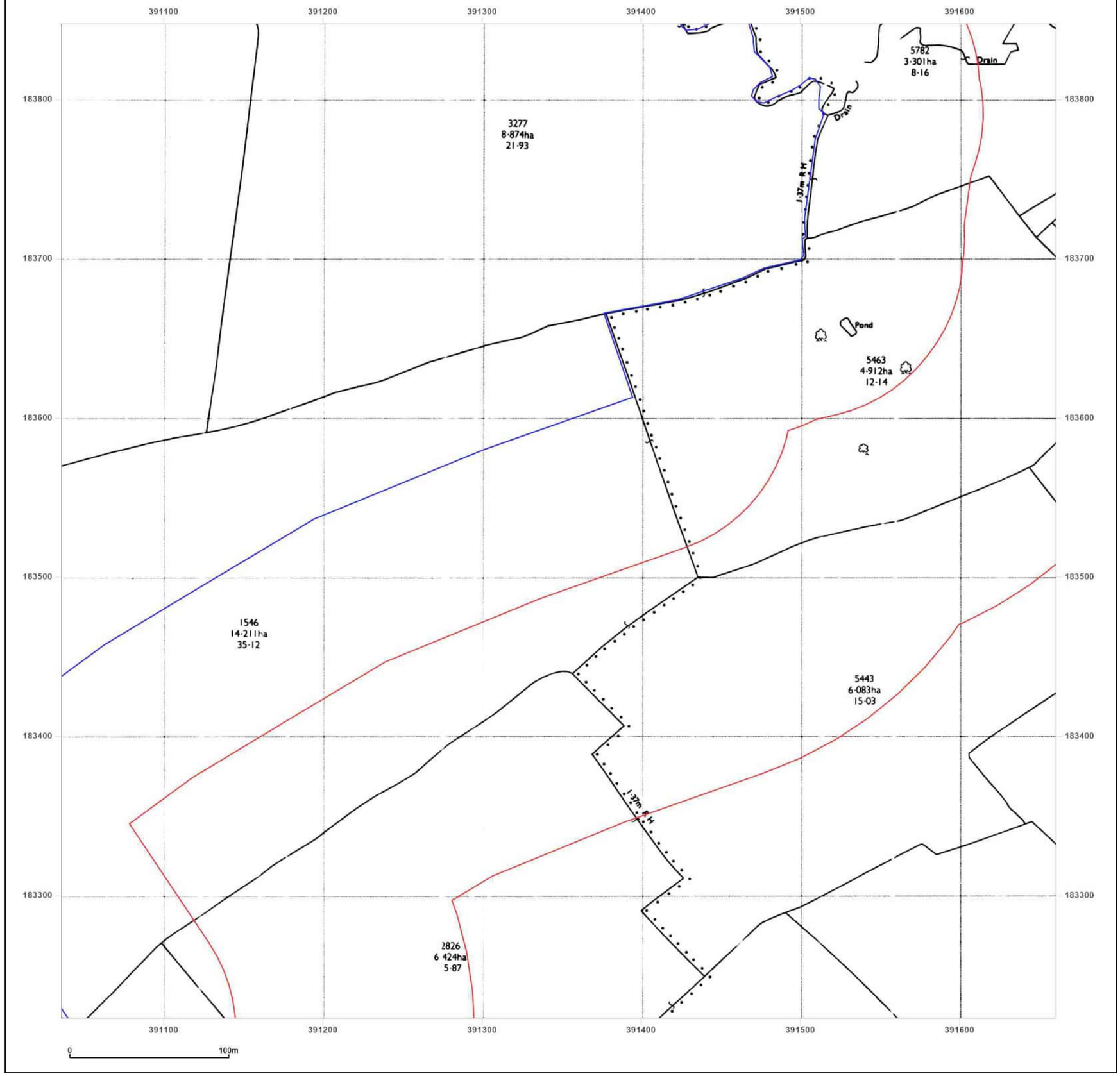
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**Map Name:** National Grid

**Map date:** **1980**

**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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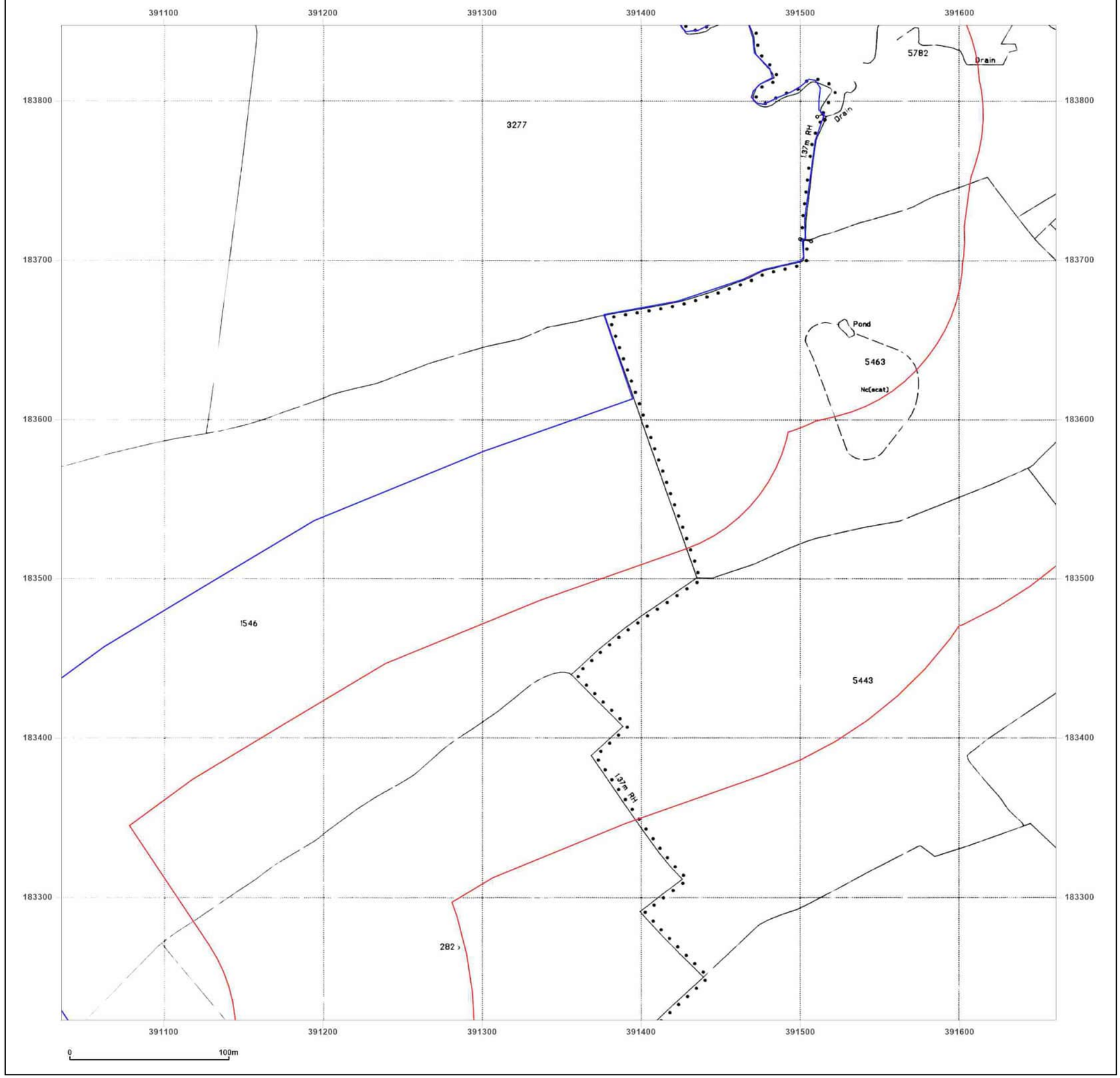
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_2
**Grid Ref:** 391348, 183535

**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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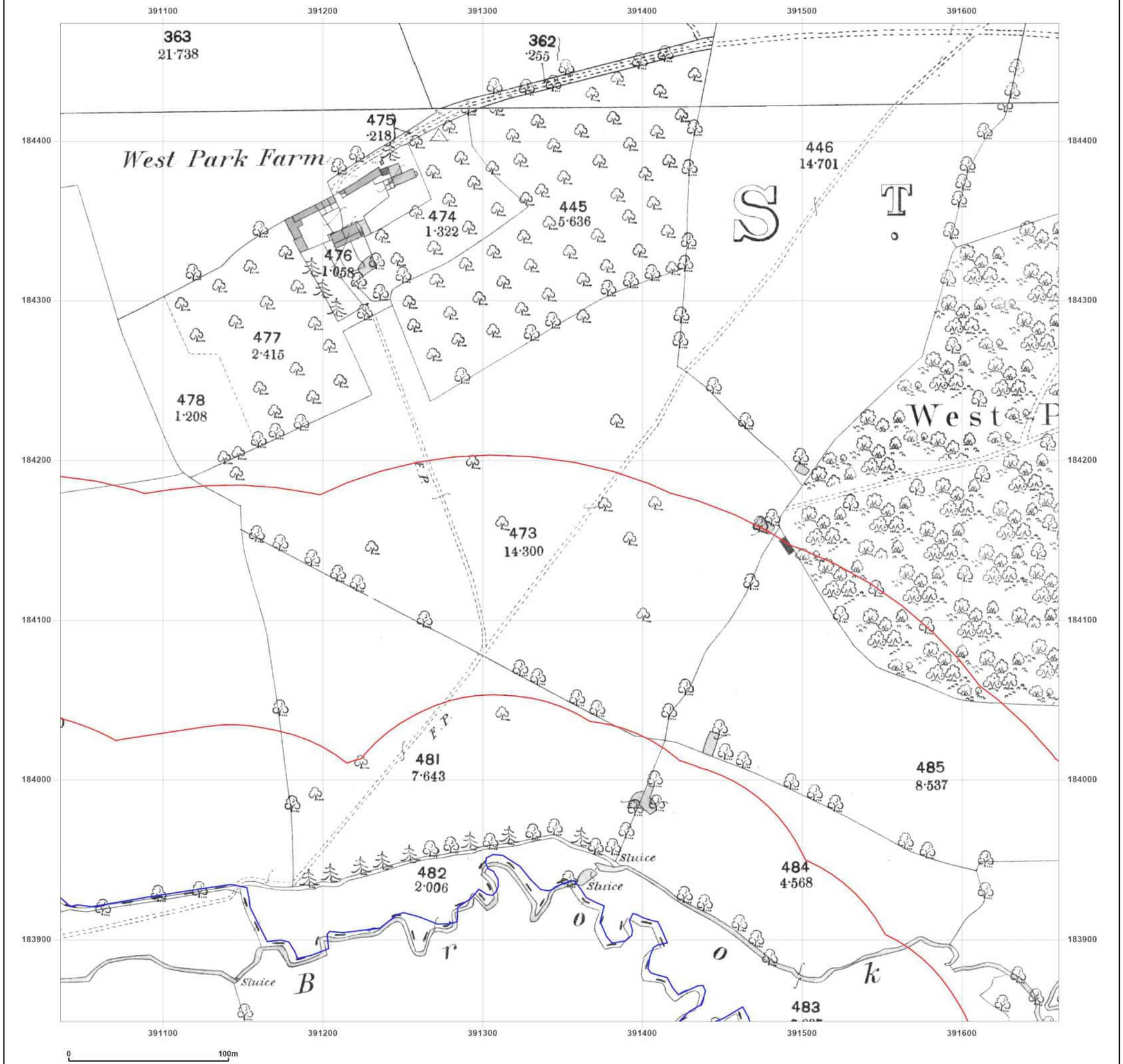


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**Map Name:** County Series

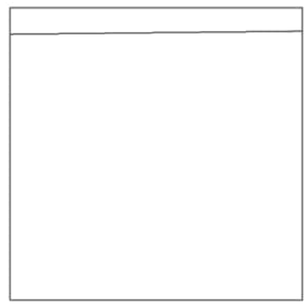
**Map date:** **1886**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1886
Revised 1886
Edition N/A
Copyright N/A
Levelled N/A

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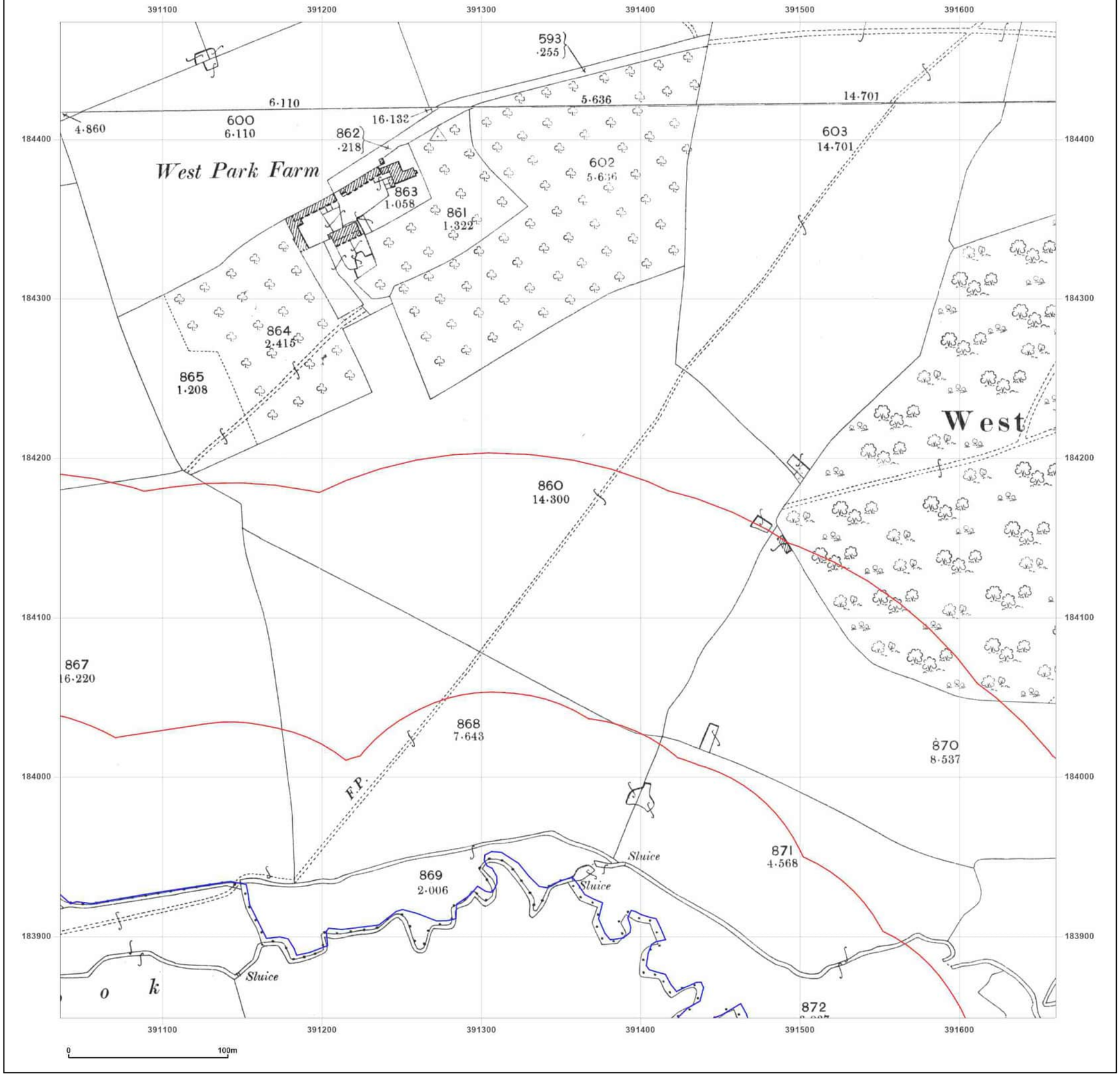
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**Map Name:** County Series

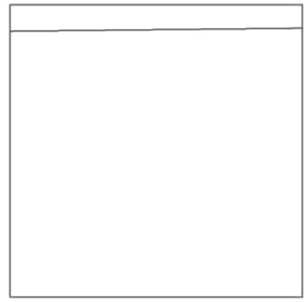
**Map date:** **1900**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A



Surveyed 1900
Revised 1900
Edition N/A
Copyright N/A
Levelled N/A

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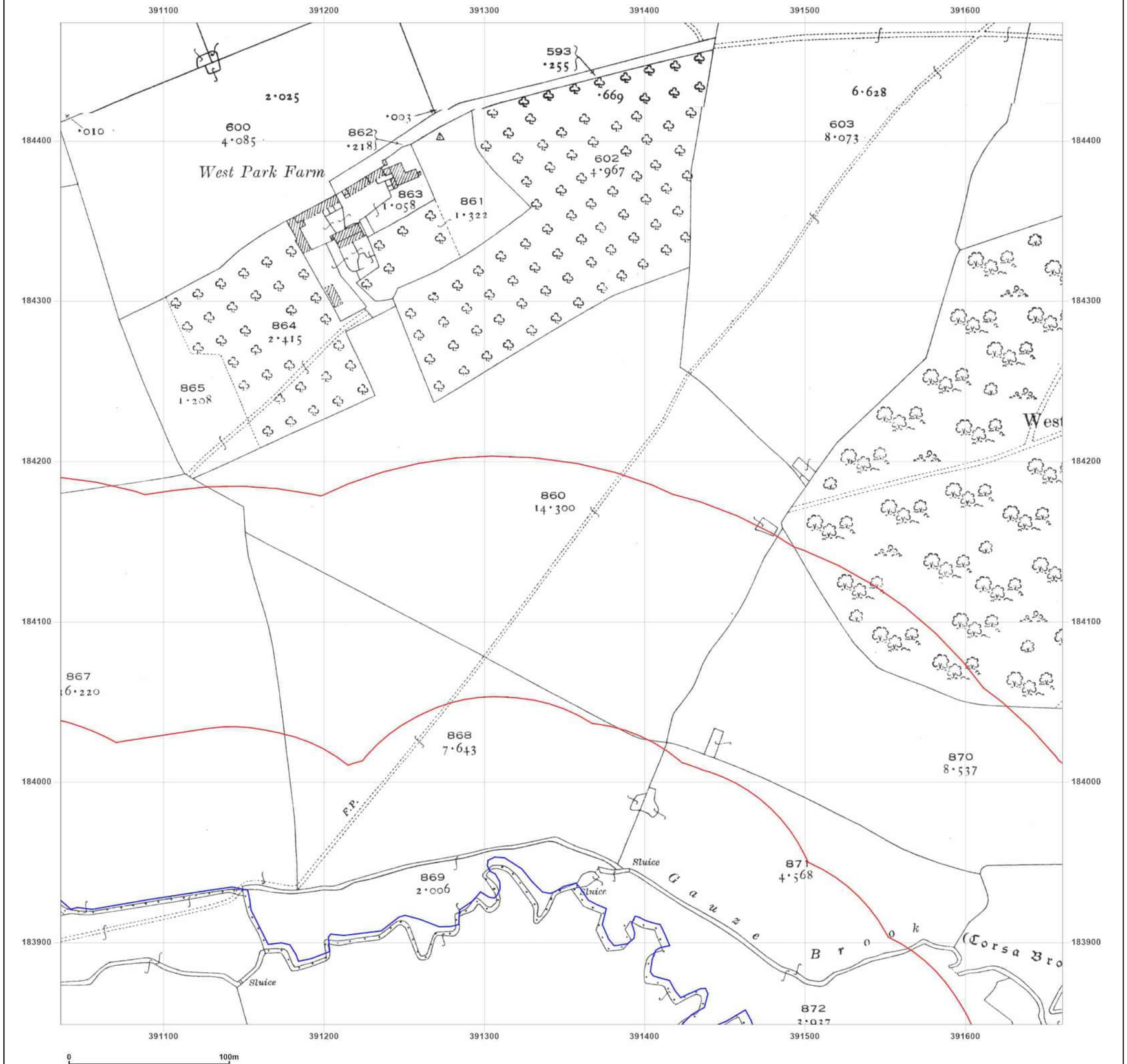
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**Map Name:** County Series

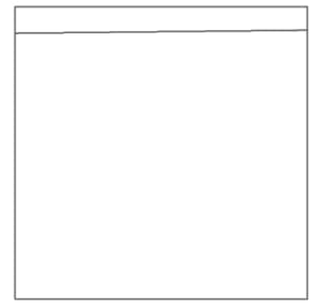
**Map date:** **1923-1924**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

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



Surveyed 1924
Revised 1924
Edition N/A
Copyright N/A
Levelled N/A

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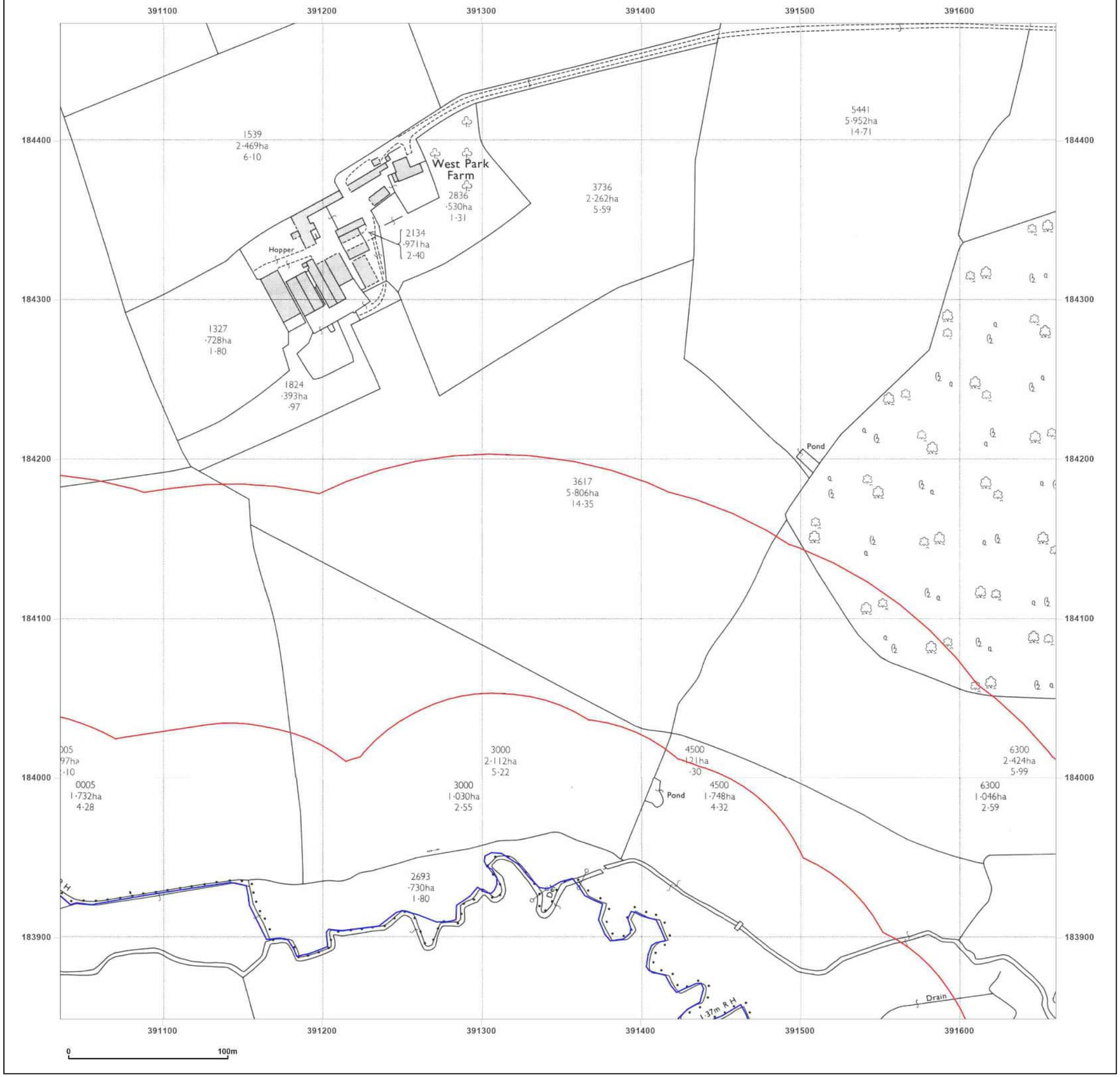
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**Map Name:** National Grid

**Map date:** **1980**

**Scale:** 1:2,500

**Printed at:** 1:2,500

N
W E
S

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1971

Surveyed 1979
Revised 1979
Edition N/A
Copyright 1980
Levelled 1957

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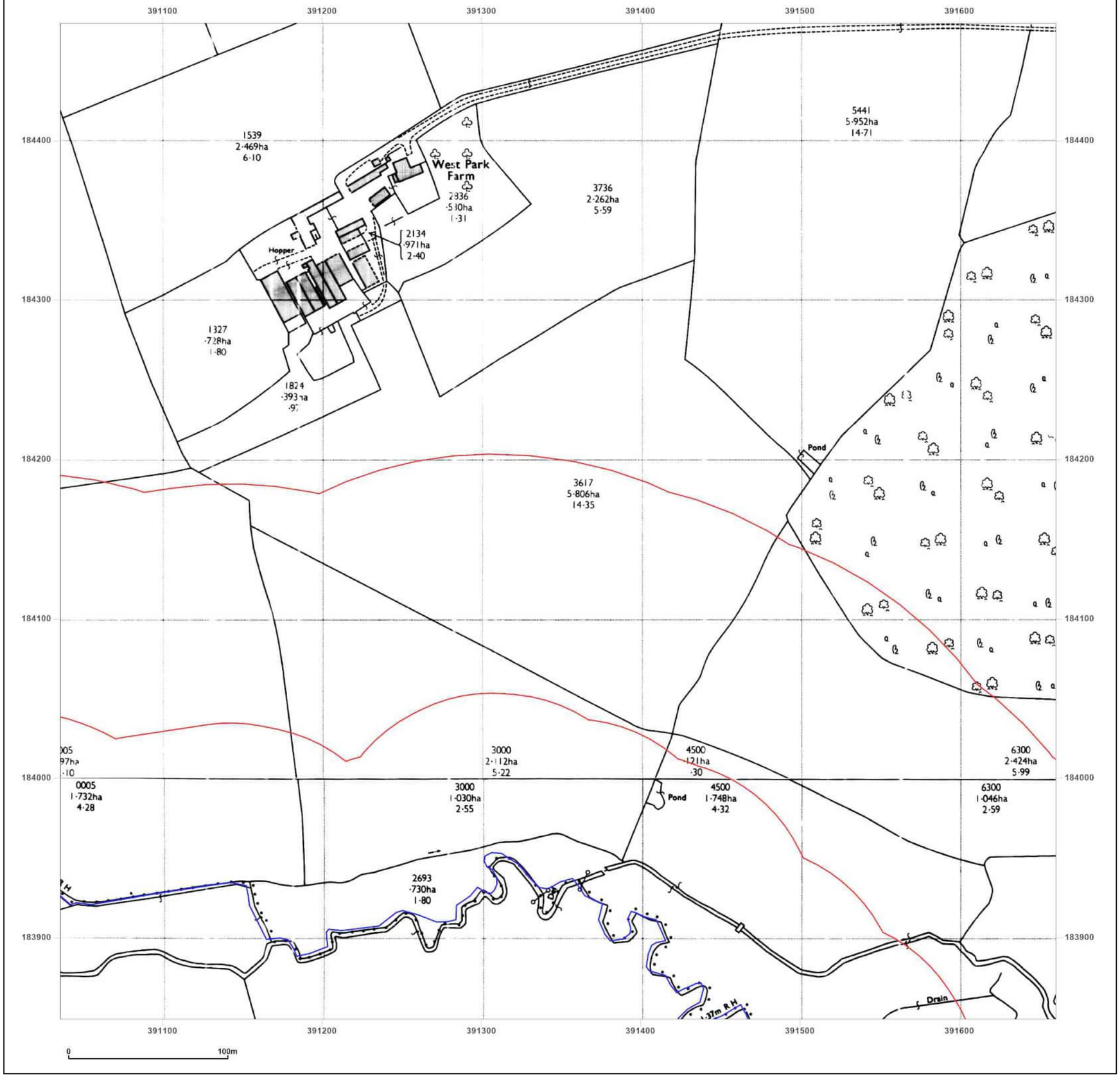
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**Map Name:** National Grid

**Map date:** **1980**

**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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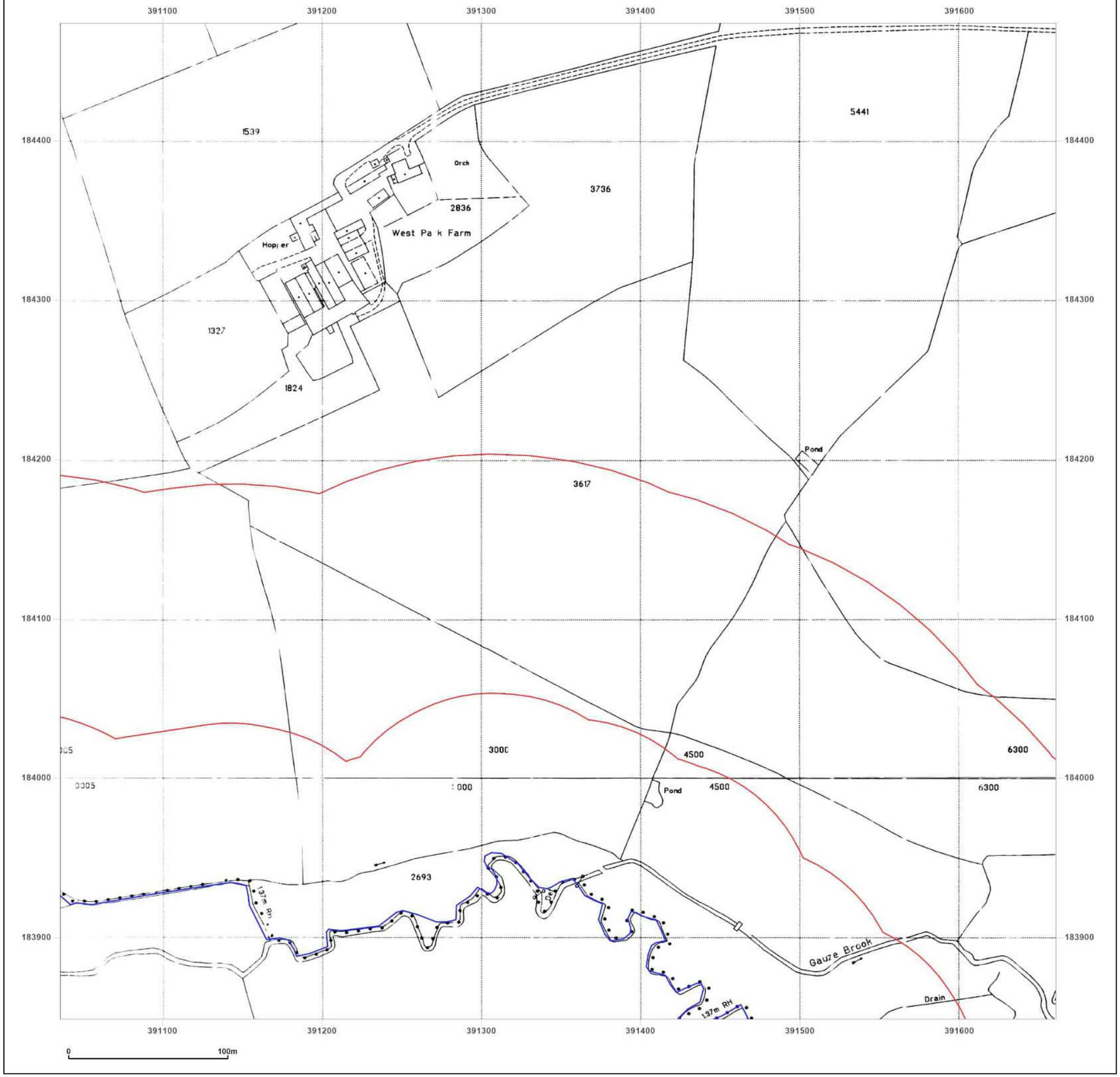
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_LS_6_3
**Grid Ref:** 391348, 184161

**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: 08 October 2024

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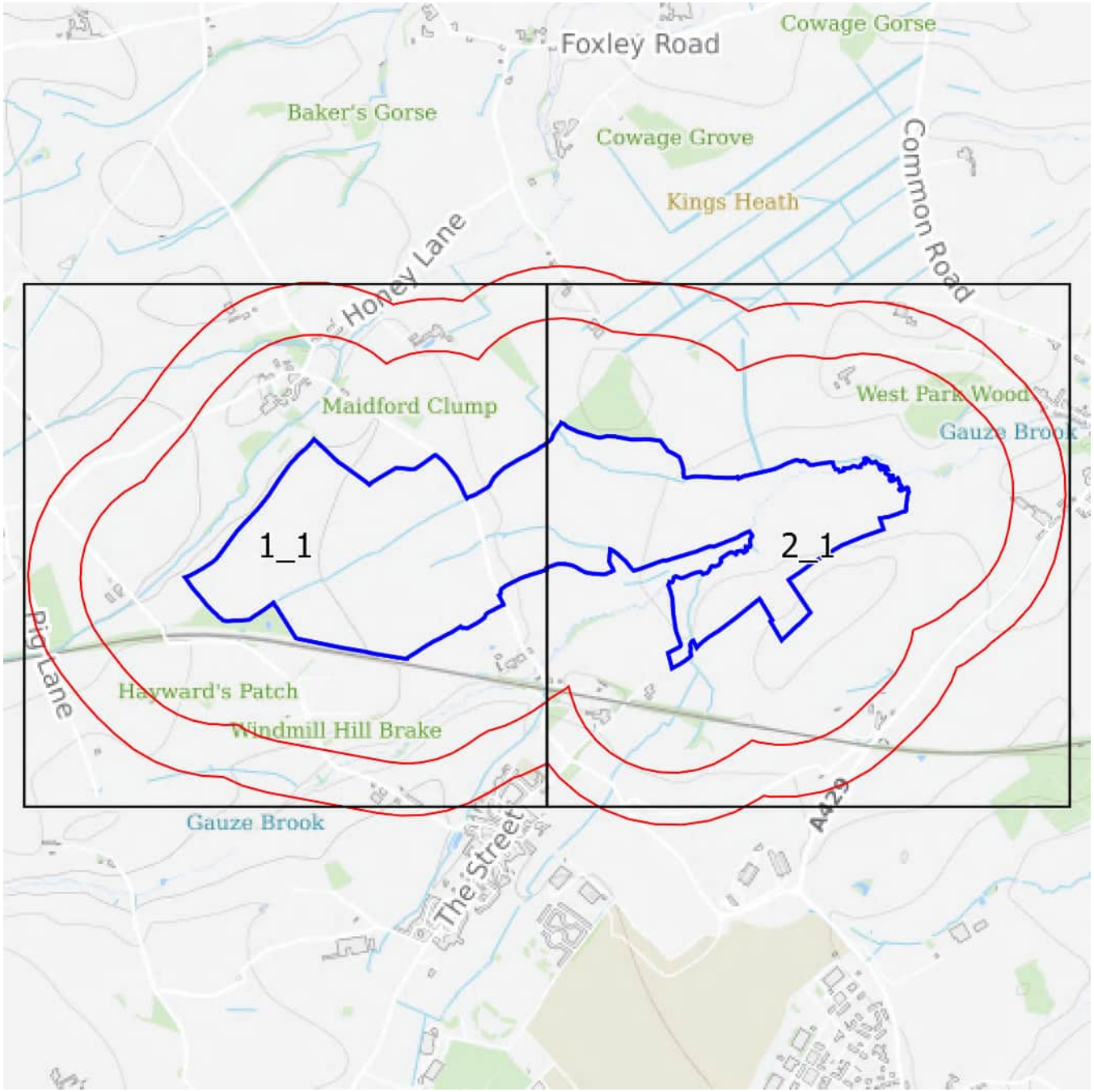
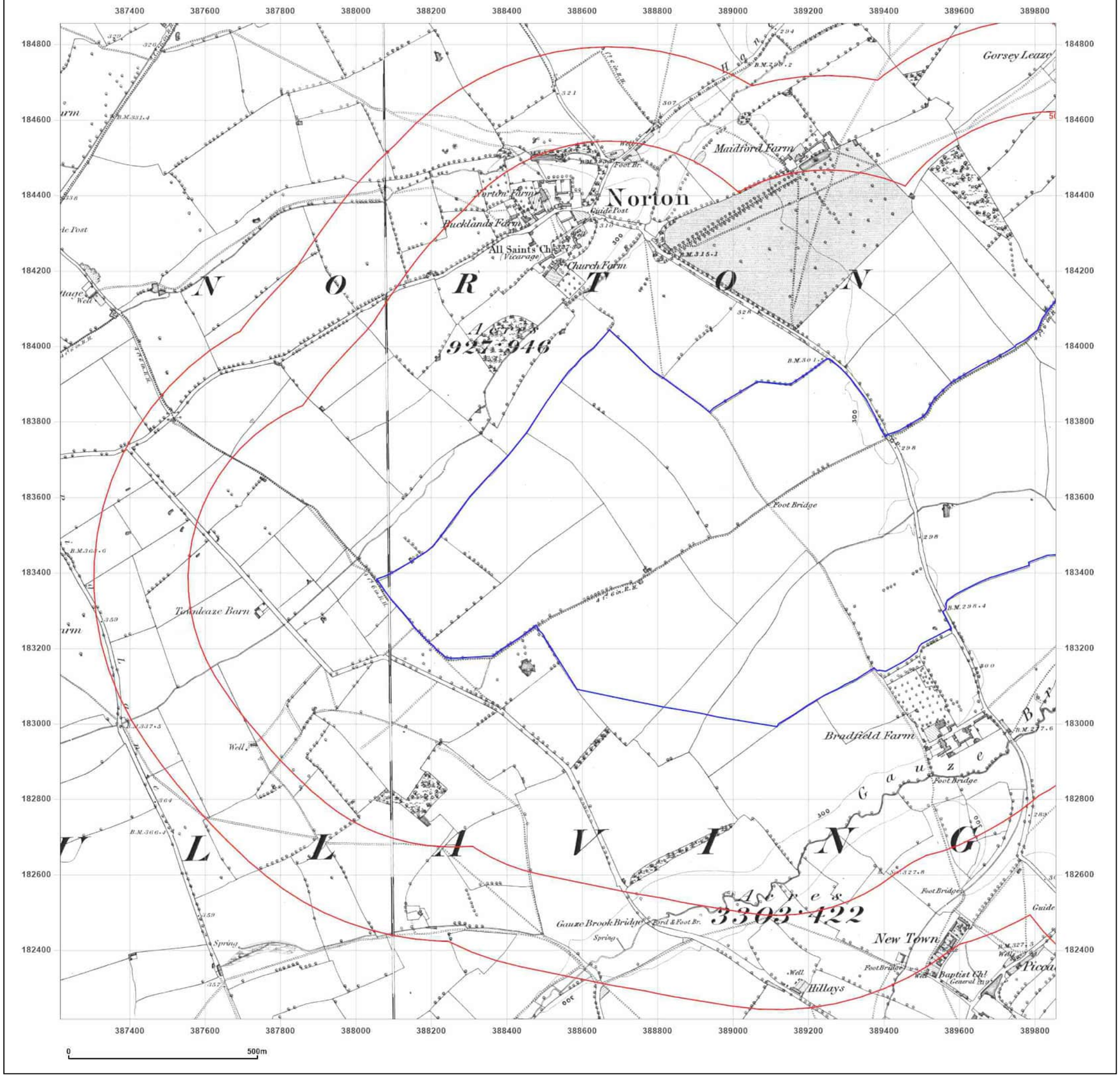


## Small Scale Grid Index

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

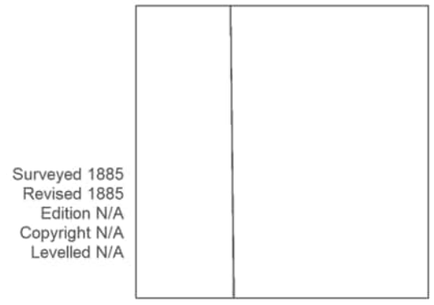
**Map Name:** County Series

**Map date:** **1885**

**Scale:** 1:10,560

**Printed at:** 1:10,560

N
W E
S

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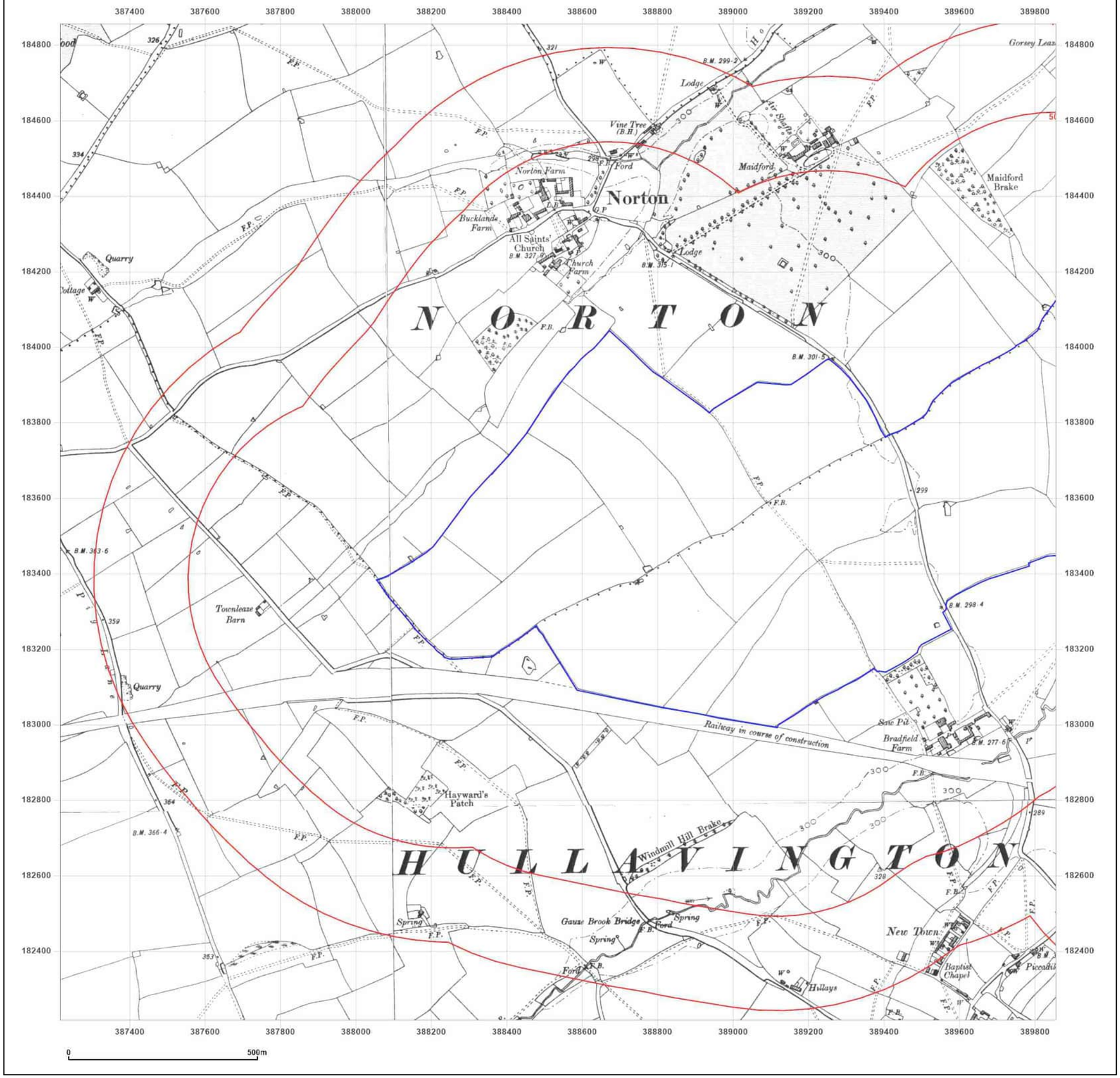
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** County Series

**Map date:** **1899**

**Scale:** 1:10,560

**Printed at:** 1:10,560

N
W E
S

Surveyed 1884
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1883
Revised 1899
Edition N/A
Copyright N/A
Levelled N/A

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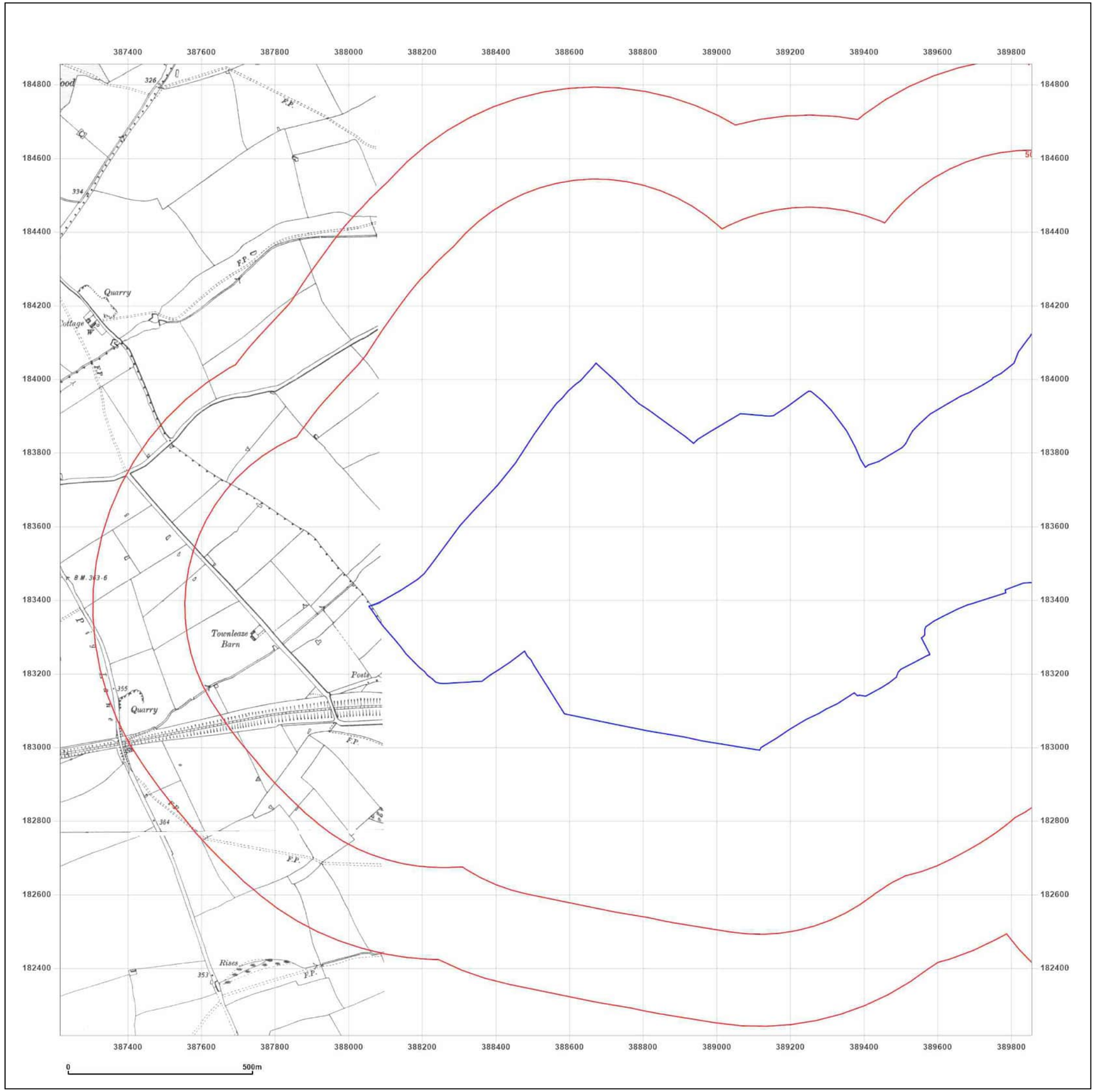
Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** County Series

**Map date:** **1923**

**Scale:** 1:10,560

**Printed at:** 1:10,560

N
W E
S

Surveyed 1919
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

Surveyed 1919
Revised 1923
Edition N/A
Copyright N/A
Levelled N/A

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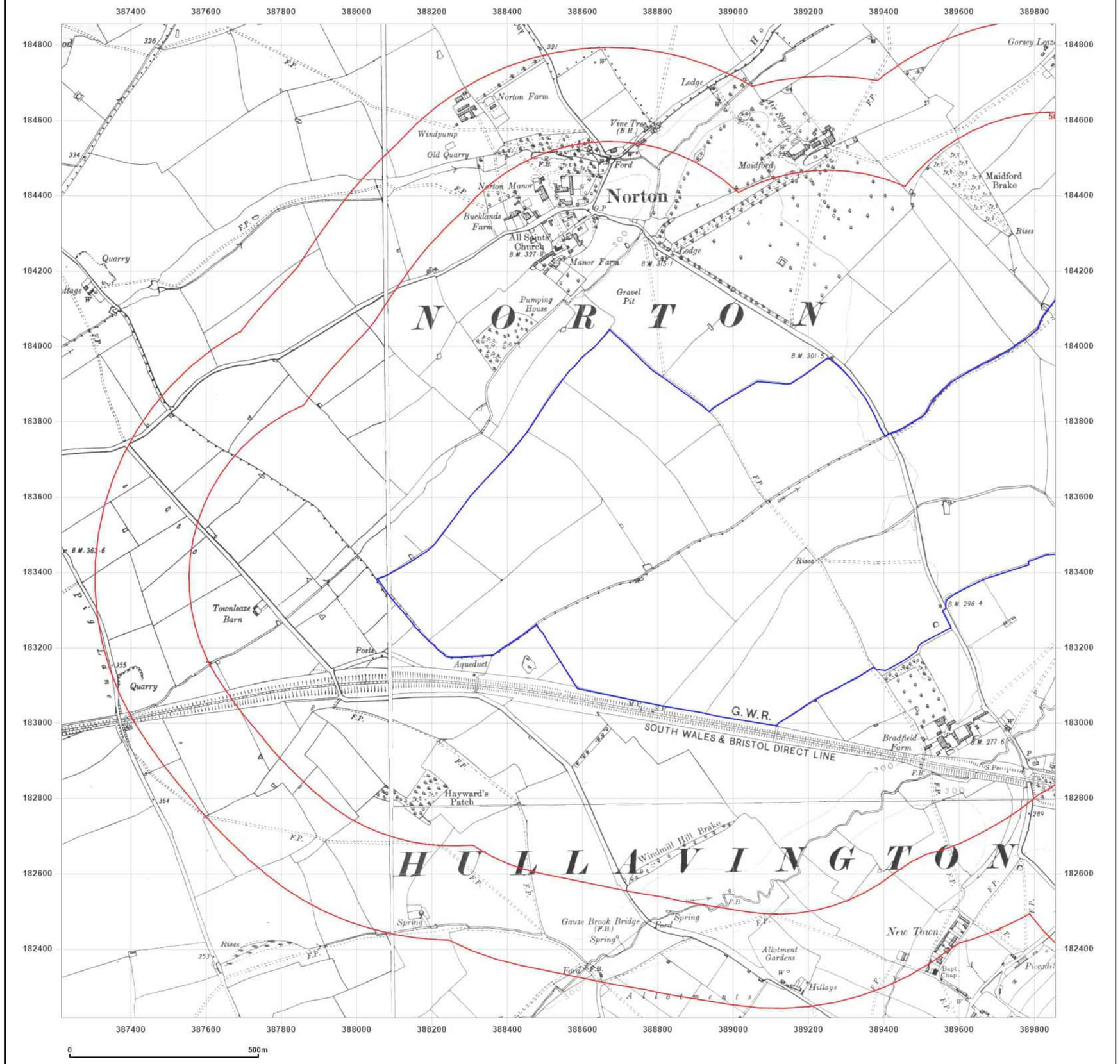
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

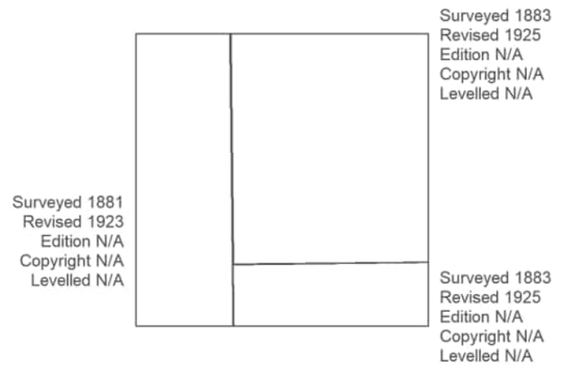
**Map Name:** County Series

**Map date:** **1923-1925**

**Scale:** 1:10,560

**Printed at:** 1:10,560

N
W E
S

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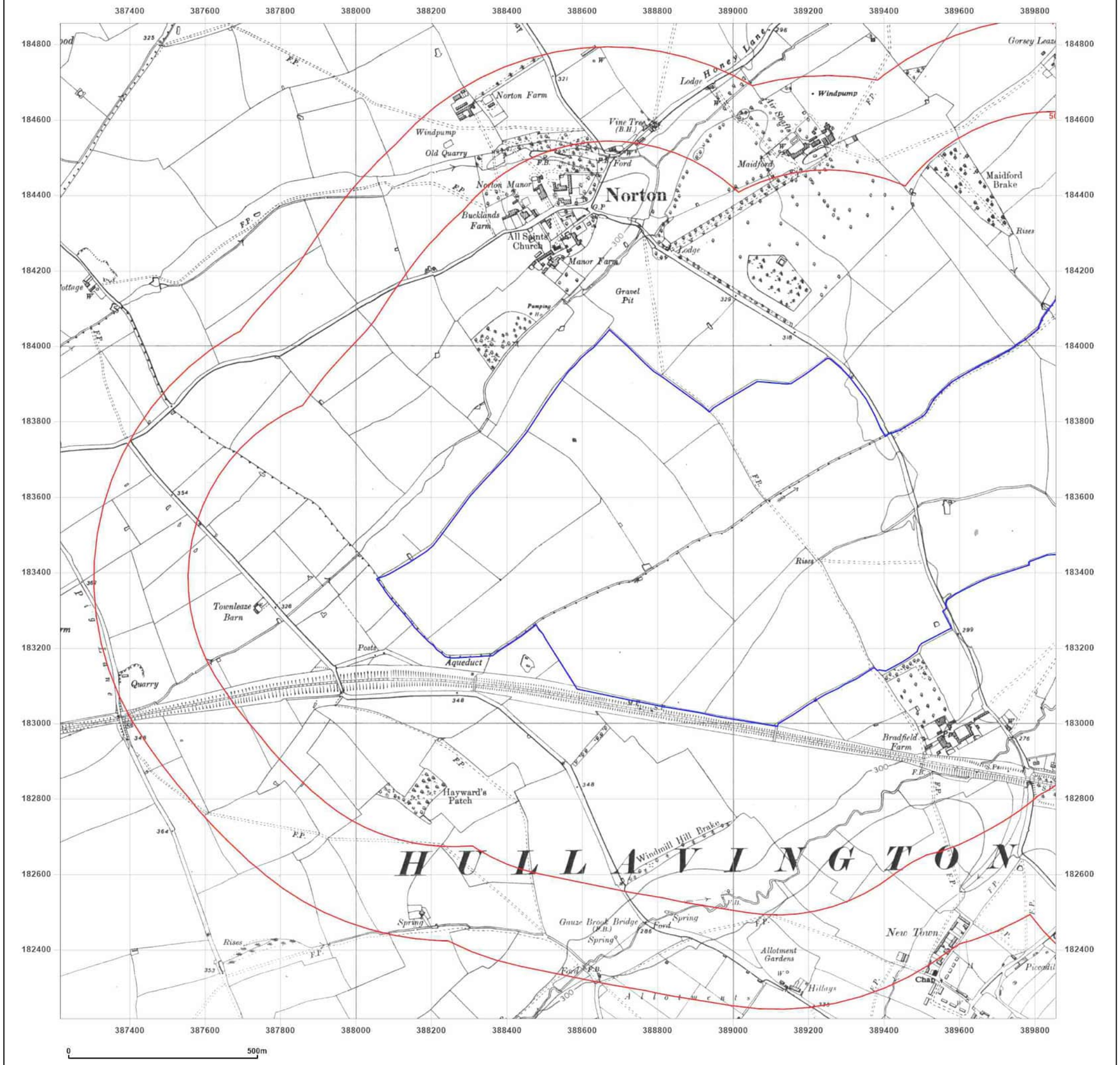
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** Provisional

**Map date:** **1949**

**Scale:** 1:10,560

**Printed at:** 1:10,560

N
W E
S

Surveyed 1949
Revised 1949
Edition N/A
Copyright N/A
Levelled N/A

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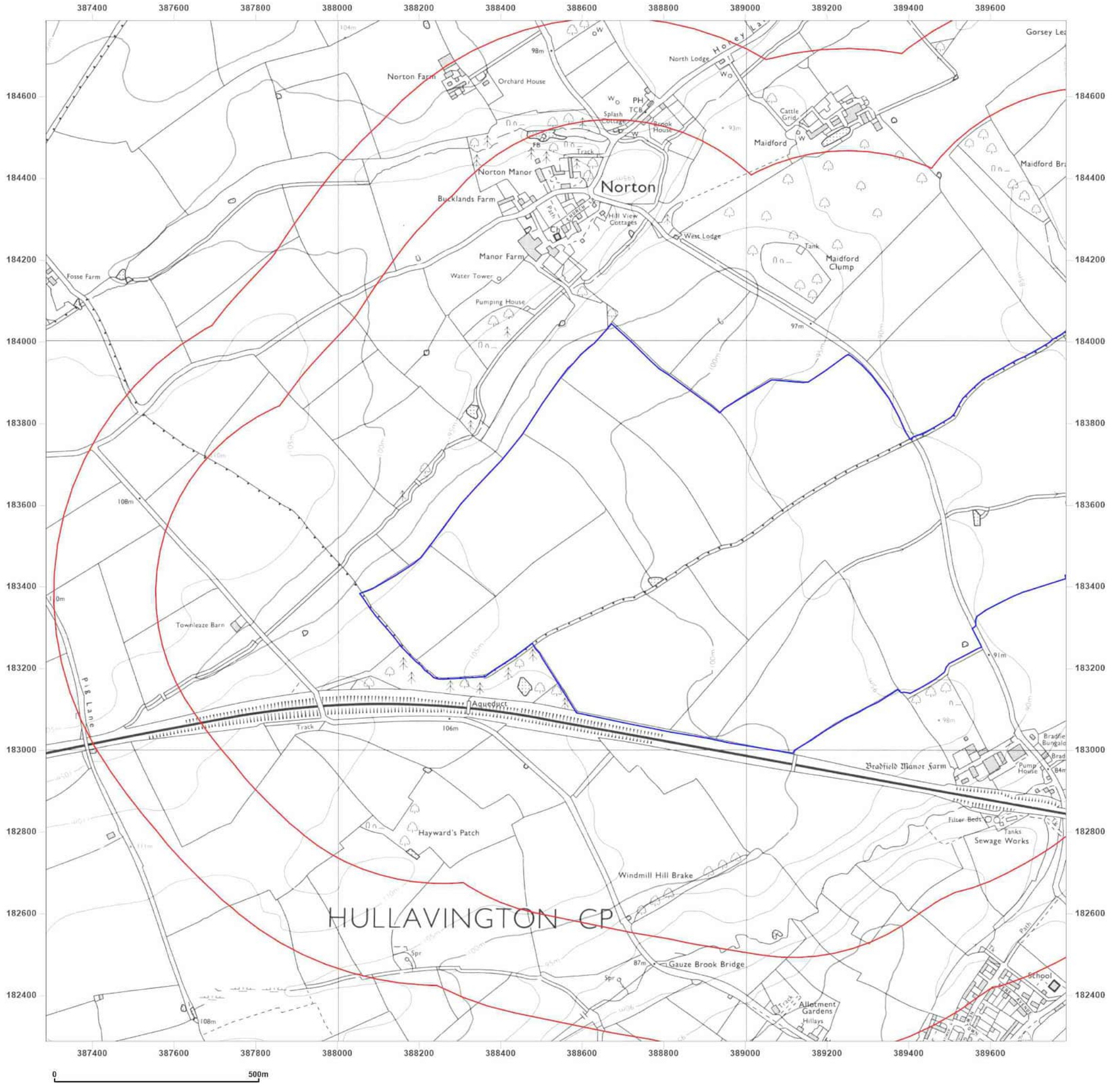
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** National Grid

**Map date:** **1982**

**Scale:** 1:10,000

**Printed at:** 1:10,000

N
W E
S

Surveyed 1979
Revised 1982
Edition N/A
Copyright N/A
Levelled N/A

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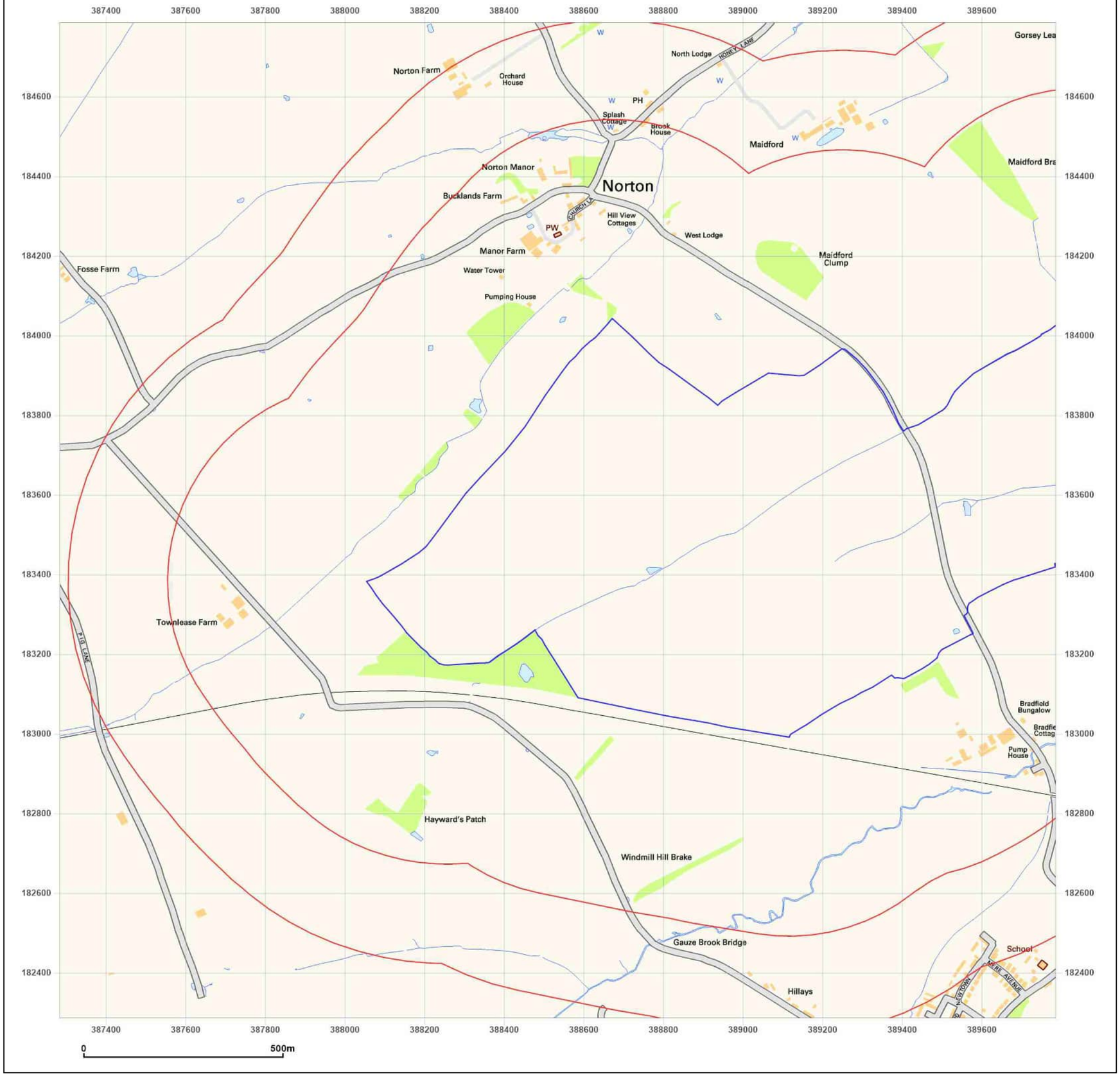
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

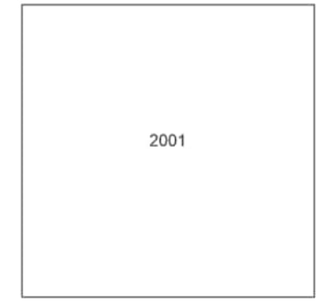
**Map Name:** National Grid

**Map date:** **2001**

**Scale:** 1:10,000

**Printed at:** 1:10,000

N
W E
S

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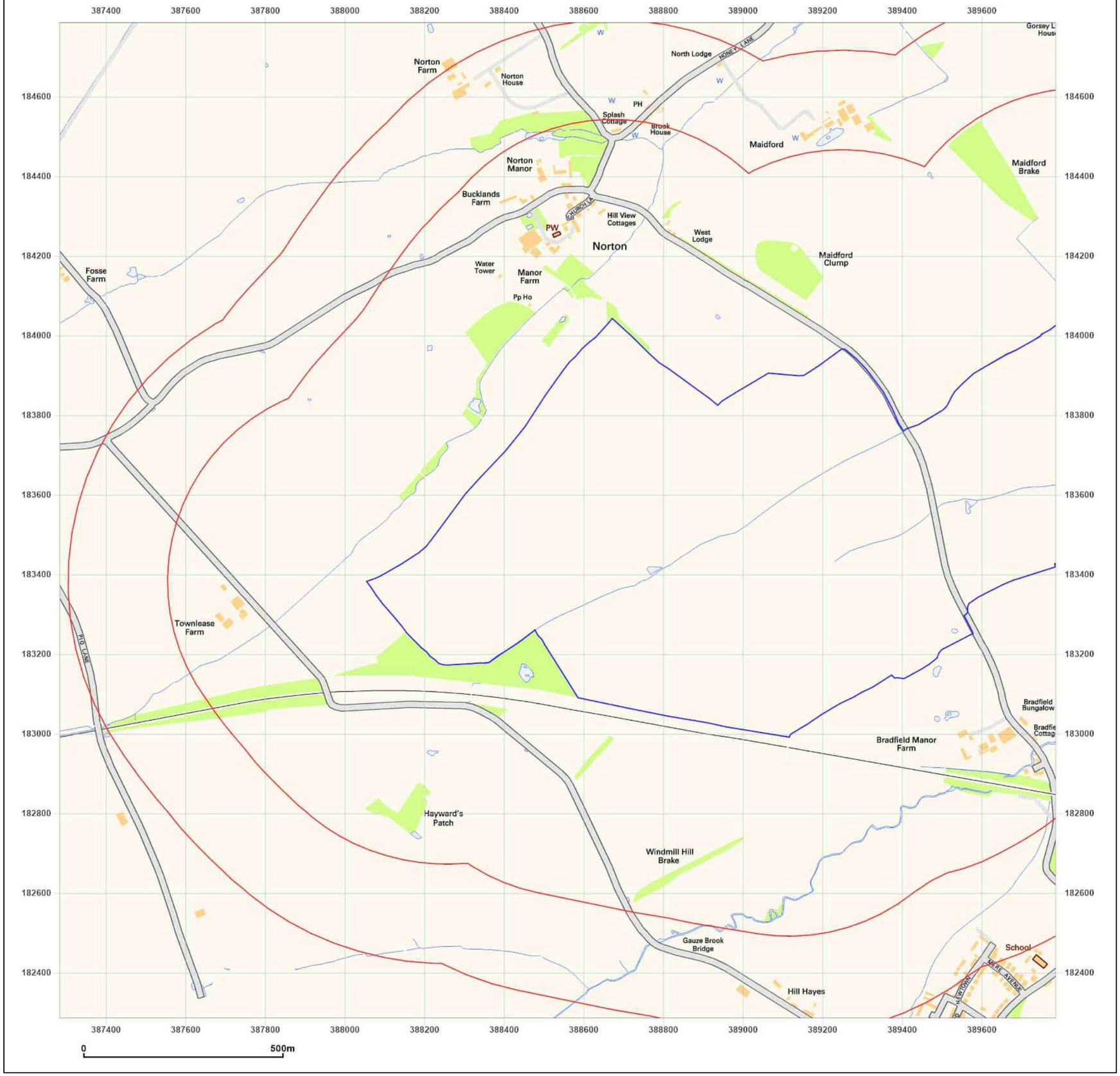


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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** National Grid

**Map date:** **2010**

**Scale:** 1:10,000

**Printed at:** 1:10,000

N
W E
S

2010

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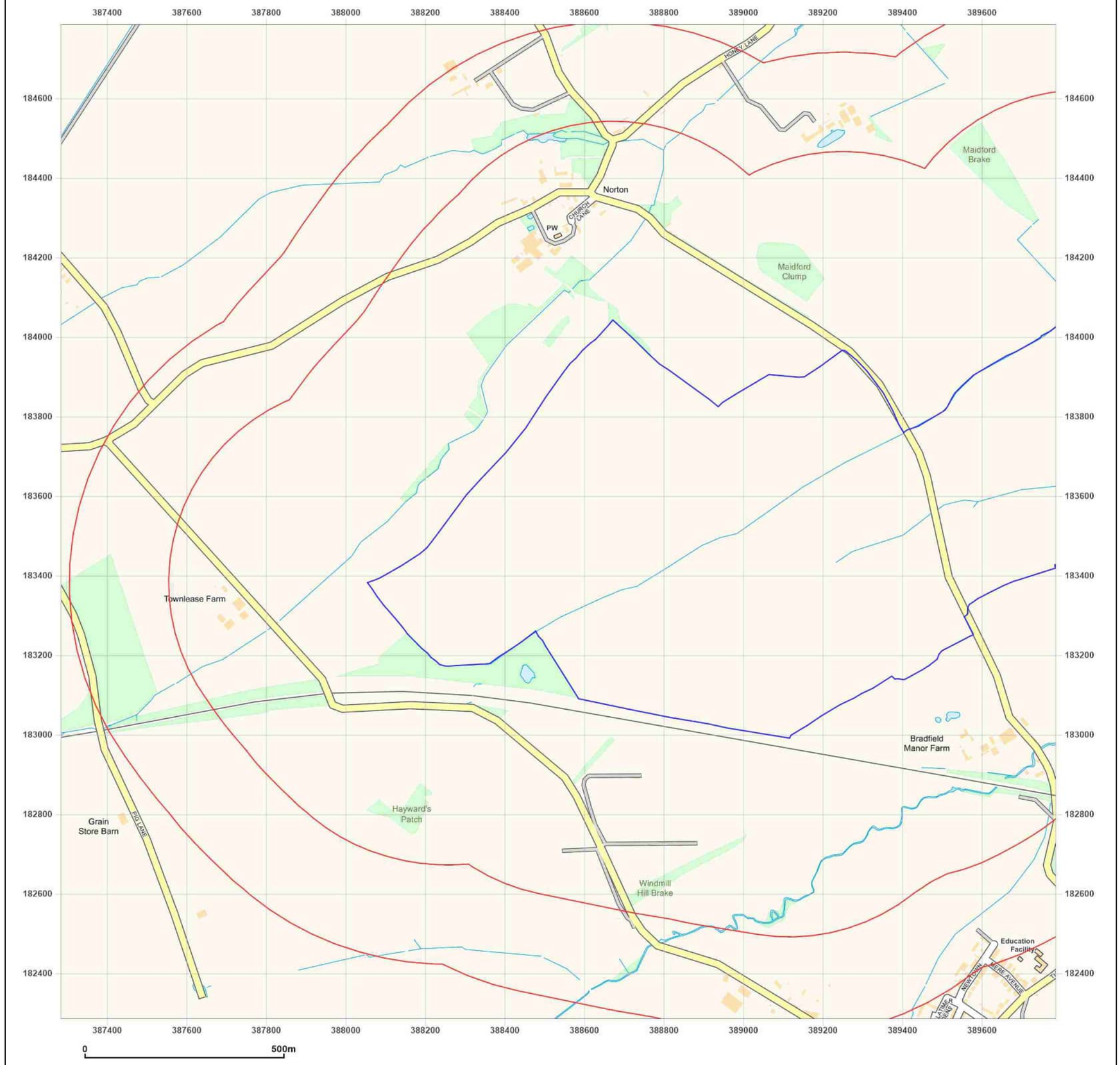
Production date: 08 October 2024

Map legend available at: [redacted]

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**Site Details:**

Lime Down Site D

**Client Ref:** 610027326
**Report Ref:** GSYN-4R7-ZTK-MIL-PI7_SS_1_1
**Grid Ref:** 388535, 183536

**Map Name:** National Grid

**Map date:** **2024**

**Scale:** 1:10,000

**Printed at:** 1:10,000

N
W E
S

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Production date: 08 October 2024

Map legend available at: [redacted]

# Annex 19-4-2 Lime Down D Groundsure Report

Groundsure LOCATION INTELLIGENCE

# Enviro+Geo Insight

## Lime Down Site D

## Order Details

**Date:** 08/10/2024

**Your ref:** 610027326

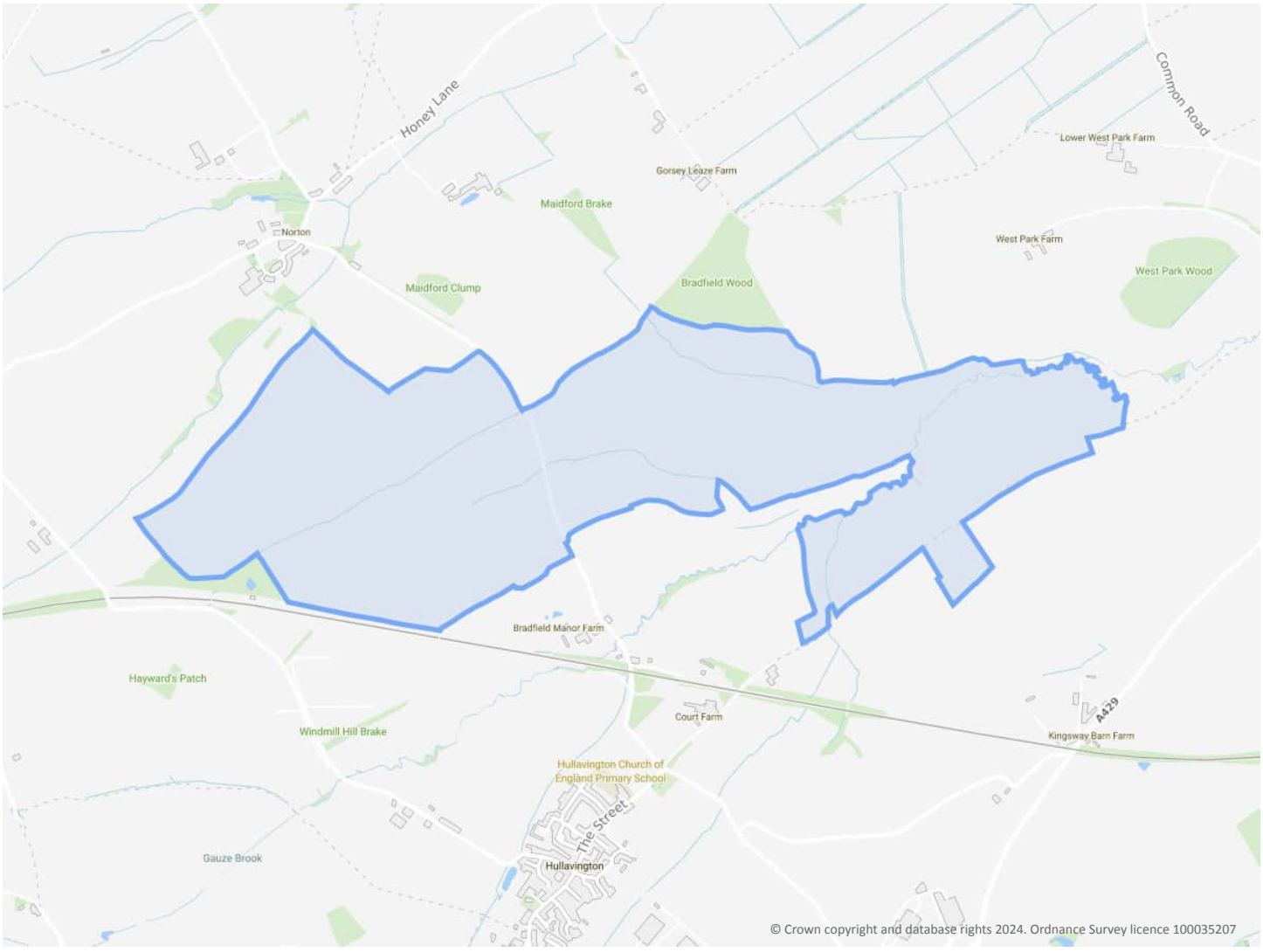
**Our Ref:** GSYN-UYW-18N-S96-UW7

## Site Details

**Location:** 389705 183565

**Area:** 212.45 ha

**Authority:** Wiltshire Council ↗





**Summary of findings** p. 2 >

**OS MasterMap site plan** N/A: >10ha

**Aerial image** p. 9 >

**Insight User Guide** ↗



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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 > | 0 | 6 | 10 | 9 | - |
| 16 > | 1.2 > | Historical tanks > | 0 | 0 | 0 | 7 | - |
| 16 | 1.3 | Historical energy features | 0 | 0 | 0 | 0 | - |
| 16 | 1.4 | Historical petrol stations | 0 | 0 | 0 | 0 | - |
| 17 | 1.5 | Historical garages | 0 | 0 | 0 | 0 | - |
| 17 | 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 |
| 18 > | 2.1 > | Historical industrial land uses > | 0 | 7 | 11 | 13 | - |
| 20 > | 2.2 > | Historical tanks > | 0 | 0 | 0 | 7 | - |
| 20 | 2.3 | Historical energy features | 0 | 0 | 0 | 0 | - |
| 20 | 2.4 | Historical petrol stations | 0 | 0 | 0 | 0 | - |
| 21 | 2.5 | Historical garages | 0 | 0 | 0 | 0 | - |
| Page | Section | Waste and landfill > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 22 | 3.1 | Active or recent landfill | 0 | 0 | 0 | 0 | - |
| 22 | 3.2 | Historical landfill (BGS records) | 0 | 0 | 0 | 0 | - |
| 23 | 3.3 | Historical landfill (LA/mapping records) | 0 | 0 | 0 | 0 | - |
| 23 | 3.4 | Historical landfill (EA/NRW records) | 0 | 0 | 0 | 0 | - |
| 23 | 3.5 | Historical waste sites | 0 | 0 | 0 | 0 | - |
| 23 | 3.6 | Licensed waste sites | 0 | 0 | 0 | 0 | - |
| 23 > | 3.7 > | Waste exemptions > | 1 | 0 | 48 | 128 | - |
| Page | Section | Current industrial land use > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 37 > | 4.1 > | Recent industrial land uses > | 0 | 0 | 2 | - | - |
| 38 | 4.2 | Current or recent petrol stations | 0 | 0 | 0 | 0 | - |
| 38 | 4.3 | Electricity cables | 0 | 0 | 0 | 0 | - |
| 38 | 4.4 | Gas pipelines | 0 | 0 | 0 | 0 | - |
| 38 | 4.5 | Sites determined as Contaminated Land | 0 | 0 | 0 | 0 | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 38 | 4.6 | Control of Major Accident Hazards (COMAH) | 0 | 0 | 0 | 0 | - |
| 39 | 4.7 | Regulated explosive sites | 0 | 0 | 0 | 0 | - |
| 39 | 4.8 | Hazardous substance storage/usage | 0 | 0 | 0 | 0 | - |
| 39 | 4.9 | Historical licensed industrial activities (IPC) | 0 | 0 | 0 | 0 | - |
| 39 | 4.10 | Licensed industrial activities (Part A(1)) | 0 | 0 | 0 | 0 | - |
| 39 | 4.11 | Licensed pollutant release (Part A(2)/B) | 0 | 0 | 0 | 0 | - |
| 40 | 4.12 | Radioactive Substance Authorisations | 0 | 0 | 0 | 0 | - |
| 40 > | 4.13 > | Licensed Discharges to controlled waters > | 0 | 0 | 0 | 25 | - |
| 44 | 4.14 | Pollutant release to surface waters (Red List) | 0 | 0 | 0 | 0 | - |
| 44 | 4.15 | Pollutant release to public sewer | 0 | 0 | 0 | 0 | - |
| 44 | 4.16 | List 1 Dangerous Substances | 0 | 0 | 0 | 0 | - |
| 44 | 4.17 | List 2 Dangerous Substances | 0 | 0 | 0 | 0 | - |
| 44 > | 4.18 > | Pollution Incidents (EA/NRW) > | 0 | 0 | 0 | 1 | - |
| 45 | 4.19 | Pollution inventory substances | 0 | 0 | 0 | 0 | - |
| 45 | 4.20 | Pollution inventory waste transfers | 0 | 0 | 0 | 0 | - |
| 45 | 4.21 | Pollution inventory radioactive waste | 0 | 0 | 0 | 0 | - |

| Page | Section | Hydrogeology > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
|---|---|---|---|---|---|---|---|
| 46 > | 5.1 > | Superficial aquifer > | Identified (within 500m) | | | | |
| 48 > | 5.2 > | Bedrock aquifer > | Identified (within 500m) | | | | |
| 50 > | 5.3 > | Groundwater vulnerability > | Identified (within 50m) | | | | |
| 56 > | 5.4 > | Groundwater vulnerability- soluble rock risk > | Identified (within 0m) | | | | |
| 57 | 5.5 | Groundwater vulnerability- local information | None (within 0m) | | | | |
| 58 > | 5.6 > | Groundwater abstractions > | 0 | 0 | 2 | 0 | 8 |
| 61 | 5.7 | Surface water abstractions | 0 | 0 | 0 | 0 | 0 |
| 61 | 5.8 | Potable abstractions | 0 | 0 | 0 | 0 | 0 |
| 61 > | 5.9 > | Source Protection Zones > | 1 | 0 | 0 | 0 | - |
| 61 > | 5.10 > | Source Protection Zones (confined aquifer) > | 2 | 0 | 0 | 0 | - |

| Page | Section | Hydrology > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
|---|---|---|---|---|---|---|---|
| 63 > | 6.1 > | Water Network (OS MasterMap) > | 30 | 12 | 27 | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 69 > | 6.2 > | Surface water features > | 1 | 5 | 20 | - | - |
| 69 > | 6.3 > | WFD Surface water body catchments > | 2 | - | - | - | - |
| 70 > | 6.4 > | WFD Surface water bodies > | 1 | 0 | 0 | - | - |
| 70 > | 6.5 > | WFD Groundwater bodies > | 2 | - | - | - | - |
| Page | Section | River and coastal flooding > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 71 > | 7.1 > | Risk of flooding from rivers and the sea > | High (within 50m) | | | | |
| 72 > | 7.2 > | Historical Flood Events > | 2 | 0 | 6 | - | - |
| 73 | 7.3 | Flood Defences | 0 | 0 | 0 | - | - |
| 73 | 7.4 | Areas Benefiting from Flood Defences | 0 | 0 | 0 | - | - |
| 73 | 7.5 | Flood Storage Areas | 0 | 0 | 0 | - | - |
| 74 > | 7.6 > | Flood Zone 2 > | Identified (within 50m) | | | | |
| 75 > | 7.7 > | Flood Zone 3 > | Identified (within 50m) | | | | |
| Page | Section | Surface water flooding > | | | | | |
| 76 > | 8.1 > | Surface water flooding > | 1 in 30 year, Greater than 1.0m (within 50m) | | | | |
| Page | Section | Groundwater flooding > | | | | | |
| 78 > | 9.1 > | Groundwater flooding > | High (within 50m) | | | | |
| Page | Section | Environmental designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 79 > | 10.1 > | Sites of Special Scientific Interest (SSSI) > | 0 | 0 | 0 | 0 | 1 |
| 80 | 10.2 | Conserved wetland sites (Ramsar sites) | 0 | 0 | 0 | 0 | 0 |
| 80 | 10.3 | Special Areas of Conservation (SAC) | 0 | 0 | 0 | 0 | 0 |
| 80 | 10.4 | Special Protection Areas (SPA) | 0 | 0 | 0 | 0 | 0 |
| 80 | 10.5 | National Nature Reserves (NNR) | 0 | 0 | 0 | 0 | 0 |
| 81 > | 10.6 > | Local Nature Reserves (LNR) > | 0 | 0 | 0 | 0 | 1 |
| 81 > | 10.7 > | Designated Ancient Woodland > | 1 | 0 | 1 | 0 | 6 |
| 82 | 10.8 | Biosphere Reserves | 0 | 0 | 0 | 0 | 0 |
| 82 | 10.9 | Forest Parks | 0 | 0 | 0 | 0 | 0 |
| 82 | 10.10 | Marine Conservation Zones | 0 | 0 | 0 | 0 | 0 |
| 82 | 10.11 | Green Belt | 0 | 0 | 0 | 0 | 0 |
| 82 | 10.12 | Proposed Ramsar sites | 0 | 0 | 0 | 0 | 0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 83 | 10.13 | Possible Special Areas of Conservation (pSAC) | 0 | 0 | 0 | 0 | 0 |
| 83 | 10.14 | Potential Special Protection Areas (pSPA) | 0 | 0 | 0 | 0 | 0 |
| 83 | 10.15 | Nitrate Sensitive Areas | 0 | 0 | 0 | 0 | 0 |
| 83 > | 10.16 > | Nitrate Vulnerable Zones > | 0 | 0 | 0 | 0 | 5 |
| 85 > | 10.17 > | SSSI Impact Risk Zones > | 3 | - | - | - | - |
| 86 > | 10.18 > | SSSI Units > | 0 | 0 | 0 | 0 | 1 |
| Page | Section | Visual and cultural designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 87 | 11.1 | World Heritage Sites | 0 | 0 | 0 | - | - |
| 88 | 11.2 | Area of Outstanding Natural Beauty | 0 | 0 | 0 | - | - |
| 88 | 11.3 | National Parks | 0 | 0 | 0 | - | - |
| 88 > | 11.4 > | Listed Buildings > | 0 | 0 | 5 | - | - |
| 89 | 11.5 | Conservation Areas | 0 | 0 | 0 | - | - |
| 89 | 11.6 | Scheduled Ancient Monuments | 0 | 0 | 0 | - | - |
| 89 | 11.7 | Registered Parks and Gardens | 0 | 0 | 0 | - | - |
| Page | Section | Agricultural designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 90 > | 12.1 > | Agricultural Land Classification > | Grade 4 (within 250m) | | | | |
| 92 | 12.2 | Open Access Land | 0 | 0 | 0 | - | - |
| 92 | 12.3 | Tree Felling Licences | 0 | 0 | 0 | - | - |
| 92 > | 12.4 > | Environmental Stewardship Schemes > | 2 | 1 | 1 | - | - |
| 92 > | 12.5 > | Countryside Stewardship Schemes > | 9 | 0 | 6 | - | - |
| Page | Section | Habitat designations > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 94 > | 13.1 > | Priority Habitat Inventory > | 1 | 0 | 11 | - | - |
| 95 | 13.2 | Habitat Networks | 0 | 0 | 0 | - | - |
| 95 | 13.3 | Open Mosaic Habitat | 0 | 0 | 0 | - | - |
| 95 | 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 |
| 97 > | 14.1 > | 10k Availability > | Identified (within 500m) | | | | |
| 98 | 14.2 | Artificial and made ground (10k) | 0 | 0 | 0 | 0 | - |
| 99 > | 14.3 > | Superficial geology (10k) > | 1 | 0 | 2 | 0 | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 100 | 14.4 | Landslip (10k) | 0 | 0 | 0 | 0 | - |
| 101 > | 14.5 > | Bedrock geology (10k) > | 12 | 1 | 5 | 3 | - |
| 102 > | 14.6 > | Bedrock faults and other linear features (10k) > | 0 | 0 | 3 | 3 | - |
| Page | Section | Geology 1:50,000 scale > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 104 > | 15.1 > | 50k Availability > | Identified (within 500m) | | | | |
| 105 | 15.2 | Artificial and made ground (50k) | 0 | 0 | 0 | 0 | - |
| 105 | 15.3 | Artificial ground permeability (50k) | 0 | 0 | - | - | - |
| 106 > | 15.4 > | Superficial geology (50k) > | 1 | 0 | 1 | 0 | - |
| 107 > | 15.5 > | Superficial permeability (50k) > | Identified (within 50m) | | | | |
| 107 | 15.6 | Landslip (50k) | 0 | 0 | 0 | 0 | - |
| 107 | 15.7 | Landslip permeability (50k) | None (within 50m) | | | | |
| 108 > | 15.8 > | Bedrock geology (50k) > | 6 | 0 | 2 | 3 | - |
| 109 > | 15.9 > | Bedrock permeability (50k) > | Identified (within 50m) | | | | |
| 110 > | 15.10 > | Bedrock faults and other linear features (50k) > | 0 | 0 | 3 | 1 | - |
| Page | Section | Boreholes > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 111 > | 16.1 > | BGS Boreholes > | 0 | 0 | 3 | - | - |
| Page | Section | Natural ground subsidence > | | | | | |
| 113 > | 17.1 > | Shrink swell clays > | Moderate (within 50m) | | | | |
| 115 > | 17.2 > | Running sands > | Low (within 50m) | | | | |
| 117 > | 17.3 > | Compressible deposits > | Moderate (within 50m) | | | | |
| 119 > | 17.4 > | Collapsible deposits > | Very low (within 50m) | | | | |
| 120 > | 17.5 > | Landslides > | Low (within 50m) | | | | |
| 122 > | 17.6 > | Ground dissolution of soluble rocks > | Low (within 50m) | | | | |
| Page | Section | Mining and ground workings > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 124 > | 18.1 > | BritPits > | 0 | 0 | 1 | 0 | - |
| 125 > | 18.2 > | Surface ground workings > | 5 | 10 | 8 | - | - |
| 126 > | 18.3 > | Underground workings > | 0 | 0 | 0 | 0 | 9 |
| 127 | 18.4 | Underground mining extents | 0 | 0 | 0 | 0 | - |
| 127 | 18.5 | Historical Mineral Planning Areas | 0 | 0 | 0 | 0 | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 127 | 18.6 | Non-coal mining | 0 | 0 | 0 | 0 | 0 |
| 127 | 18.7 | JPB mining areas | None (within 0m) | | | | |
| 127 | 18.8 | The Coal Authority non-coal mining | 0 | 0 | 0 | 0 | - |
| 128 | 18.9 | Researched mining | 0 | 0 | 0 | 0 | - |
| 128 | 18.10 | Mining record office plans | 0 | 0 | 0 | 0 | - |
| 128 | 18.11 | BGS mine plans | 0 | 0 | 0 | 0 | - |
| 128 | 18.12 | Coal mining | None (within 0m) | | | | |
| 129 | 18.13 | Brine areas | None (within 0m) | | | | |
| 129 | 18.14 | Gypsum areas | None (within 0m) | | | | |
| 129 | 18.15 | Tin mining | None (within 0m) | | | | |
| 129 | 18.16 | Clay mining | None (within 0m) | | | | |
| Page | Section | Ground cavities and sinkholes | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| 130 | 19.1 | Natural cavities | 0 | 0 | 0 | 0 | - |
| 130 | 19.2 | Mining cavities | 0 | 0 | 0 | 0 | 0 |
| 130 | 19.3 | Reported recent incidents | 0 | 0 | 0 | 0 | - |
| 130 | 19.4 | Historical incidents | 0 | 0 | 0 | 0 | - |
| 131 | 19.5 | National karst database | 0 | 0 | 0 | 0 | - |
| Page | Section | **Radon** > | | | | | |
| **132** > | **20.1** > | **Radon** > | Between 1% and 3% (within 0m) | | | | |
| Page | Section | **Soil chemistry** > | On site | 0-50m | 50-250m | 250-500m | 500-2000m |
| **134** > | **21.1** > | **BGS Estimated Background Soil Chemistry** > | 65 | 16 | - | - | - |
| 139 | 21.2 | BGS Estimated Urban Soil Chemistry | 0 | 0 | - | - | - |
| 139 | 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 |
| 140 | 22.1 | Underground railways (London) | 0 | 0 | 0 | - | - |
| 140 | 22.2 | Underground railways (Non-London) | 0 | 0 | 0 | - | - |
| 141 | 22.3 | Railway tunnels | 0 | 0 | 0 | - | - |
| **141** > | **22.4** > | **Historical railway and tunnel features** > | 0 | 0 | 4 | - | - |
| 141 | 22.5 | Royal Mail tunnels | 0 | 0 | 0 | - | - |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 142 | 22.6 | Historical railways | 0 | 0 | 0 | - | - |
| **142 >** | **22.7 >** | **Railways >** | 0 | 4 | 9 | - | - |
| 143 | 22.8 | Crossrail 1 | 0 | 0 | 0 | 0 | - |
| 143 | 22.9 | Crossrail 2 | 0 | 0 | 0 | 0 | - |
| 143 | 22.10 | HS2 | 0 | 0 | 0 | 0 | - |

## Recent aerial photograph

Capture Date: 22/04/2020

Site Area: 212.45ha

# Recent site history - 2017 aerial photograph

Capture Date: 10/05/2017

Site Area: 212.45ha

# Recent site history - 2012 aerial photograph

Capture Date: 22/05/2012

Site Area: 212.45ha

# Recent site history - 2006 aerial photograph

Capture Date: 05/06/2006

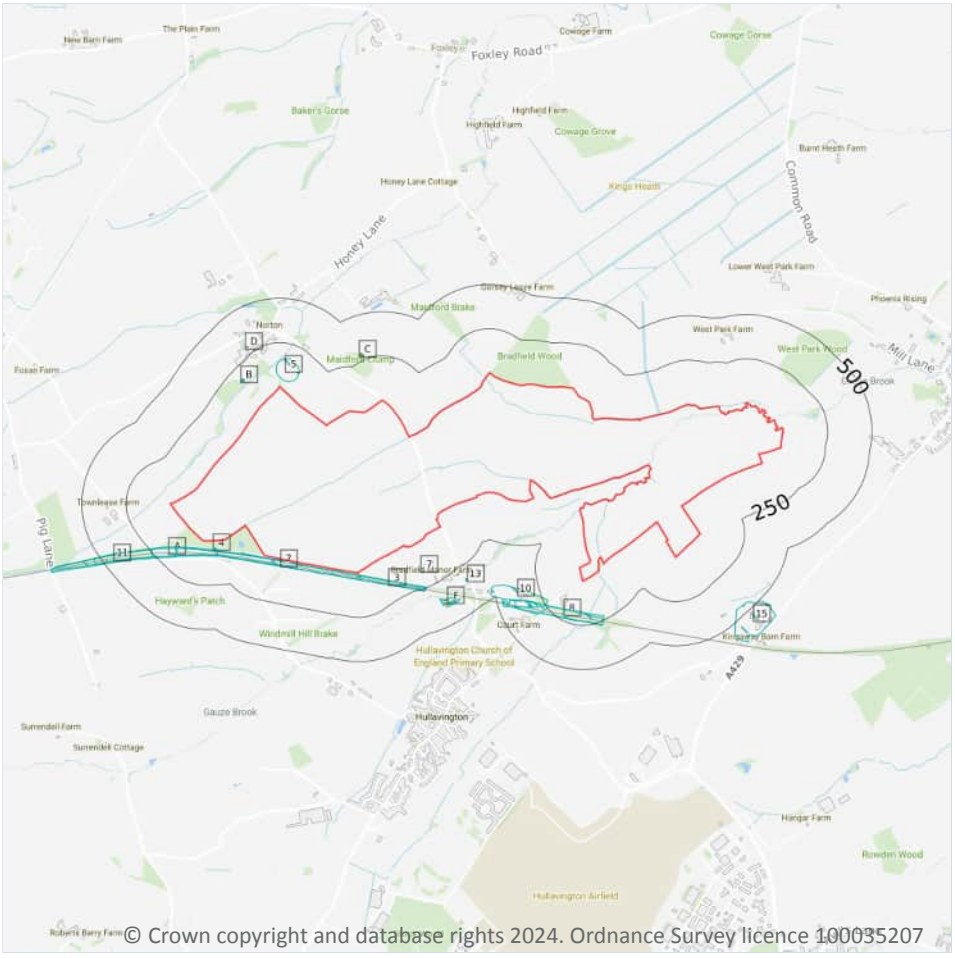
Site Area: 212.45ha

# Recent site history - 1999 aerial photograph

Capture Date: 04/09/1999

Site Area: 212.45ha

# 1 Past land use

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Site Outline

Search buffers in metres (m)

Historical industrial land uses

Historical tanks

## 1.1 Historical industrial land uses

| Records within 500m | 25 |
|---|---|

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 |
|---|---|---|---|---|
| A | 7m SW | Cuttings | 1982 | 1256548 |

| ID | Location | Land use | Dates present | Group ID |
|---|---|---|---|---|
| 1 | 8m SW | Cuttings | 1949 | 1229654 |
| 2 | 11m SW | Cuttings | 1925 | 1289676 |
| 3 | 16m SW | Cuttings | 1925 | 1226510 |
| 4 | 42m W | Railway Building | 1949 | 1206947 |
| 5 | 43m NW | Gravel Pit | 1925 - 1949 | 1237099 |
| A | 51m W | Cuttings | 1925 | 1211458 |
| 6 | 136m W | Cuttings | 1923 | 1220687 |
| 7 | 149m S | Saw Pit | 1899 | 1187609 |
| B | 168m NW | Pumping House | 1982 | 1243678 |
| B | 171m NW | Pumping House | 1925 | 1214576 |
| 8 | 172m SE | Railway Sidings | 1925 | 1239588 |
| B | 175m NW | Pumping House | 1949 | 1243899 |
| 9 | 181m SE | Railway Sidings | 1956 | 1290769 |
| 10 | 228m SE | Unspecified Heap | 1925 - 1949 | 1230594 |
| 11 | 248m W | Cuttings | 1923 | 1252142 |
| C | 270m NW | Unspecified Tank | 1982 | 1204515 |
| E | 291m SE | Railway Sidings | 1925 | 1292079 |
| E | 321m SE | Railway Building | 1925 - 1956 | 1247798 |
| 13 | 326m S | Pump House | 1982 | 1208448 |
| F | 339m S | Sewage Works | 1982 | 1202478 |
| F | 354m S | Filter Beds | 1982 | 1197694 |
| F | 381m S | Unspecified Tanks | 1982 | 1187130 |
| 14 | 436m S | Railway Station | 1925 - 1949 | 1236680 |
| 15 | 453m SE | Nursery | 1981 | 1193364 |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.2 Historical tanks

| Records within 500m | 7 |
|---|---|

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 |
|---|---|---|---|---|
| C | 270m NW | Unspecified Tank | 1981 | 184145 |
| 12 | 279m S | Unspecified Tank | 1981 | 184131 |
| D | 287m NW | Unspecified Tank | 1981 | 187029 |
| D | 288m NW | Unspecified Tank | 1995 | 189467 |
| F | 356m S | Unspecified Tank | 1981 | 184133 |
| F | 372m S | Unspecified Tank | 1981 | 182193 |
| F | 380m S | Tanks | 1981 | 177812 |

*This data is sourced from Ordnance Survey / Groundsure.*

## 1.3 Historical energy features

| Records within 500m | 0 |
|---|---|

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'.

*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 | 0 |
|---|---|

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'.

*This data is sourced from Ordnance Survey / Groundsure.*

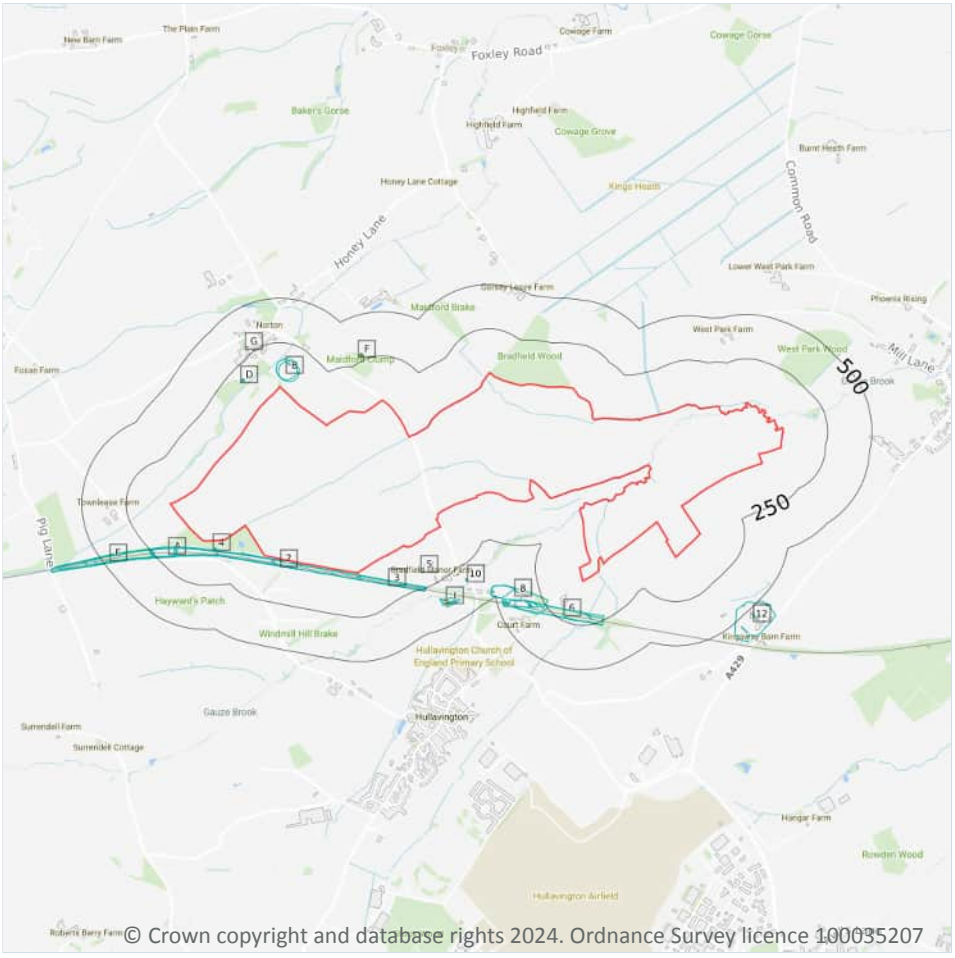
## 1.6 Historical military land

| 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

## 2.1 Historical industrial land uses

| Records within 500m | 31 |
|---|---|

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 18 >**

| ID | Location | Land Use | Date | Group ID |
|---|---|---|---|---|
| A | 7m SW | Cuttings | 1982 | 1256548 |
| 1 | 8m SW | Cuttings | 1949 | 1229654 |
| 2 | 11m SW | Cuttings | 1925 | 1289676 |

| ID | Location | Land Use | Date | Group ID |
|---|---|---|---|---|
| 3 | 16m SW | Cuttings | 1925 | 1226510 |
| 4 | 42m W | Railway Building | 1949 | 1206947 |
| B | 43m NW | Gravel Pit | 1925 | 1237099 |
| B | 48m NW | Gravel Pit | 1949 | 1237099 |
| A | 51m W | Cuttings | 1925 | 1211458 |
| C | 136m W | Cuttings | 1923 | 1220687 |
| C | 143m W | Cuttings | 1923 | 1220687 |
| 5 | 149m S | Saw Pit | 1899 | 1187609 |
| D | 168m NW | Pumping House | 1982 | 1243678 |
| D | 171m NW | Pumping House | 1925 | 1214576 |
| 6 | 172m SE | Railway Sidings | 1925 | 1239588 |
| D | 175m NW | Pumping House | 1949 | 1243899 |
| 7 | 181m SE | Railway Sidings | 1956 | 1290769 |
| 8 | 228m SE | Unspecified Heap | 1925 | 1230594 |
| E | 248m W | Cuttings | 1923 | 1252142 |
| E | 257m W | Cuttings | 1923 | 1252142 |
| F | 270m NW | Unspecified Tank | 1982 | 1204515 |
| H | 291m SE | Railway Sidings | 1925 | 1292079 |
| H | 321m SE | Railway Building | 1925 | 1247798 |
| H | 323m SE | Railway Building | 1956 | 1247798 |
| 10 | 326m S | Pump House | 1982 | 1208448 |
| I | 339m S | Sewage Works | 1982 | 1202478 |
| I | 354m S | Filter Beds | 1982 | 1197694 |
| I | 381m S | Unspecified Tanks | 1982 | 1187130 |
| 11 | 384m SE | Unspecified Heap | 1949 | 1230594 |
| J | 436m S | Railway Station | 1949 | 1236680 |
| J | 437m S | Railway Station | 1925 | 1236680 |
| 12 | 453m SE | Nursery | 1981 | 1193364 |

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.2 Historical tanks

| Records within 500m | 7 |
|---|---|

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 18 >**

| ID | Location | Land Use | Date | Group ID |
|---|---|---|---|---|
| F | 270m NW | Unspecified Tank | 1981 | 184145 |
| 9 | 279m S | Unspecified Tank | 1981 | 184131 |
| G | 287m NW | Unspecified Tank | 1981 | 187029 |
| G | 288m NW | Unspecified Tank | 1995 | 189467 |
| I | 356m S | Unspecified Tank | 1981 | 184133 |
| I | 372m S | Unspecified Tank | 1981 | 182193 |
| I | 380m S | Tanks | 1981 | 177812 |

*This data is sourced from Ordnance Survey / Groundsure.*

## 2.3 Historical energy features

| Records within 500m | 0 |
|---|---|

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'.

*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.*

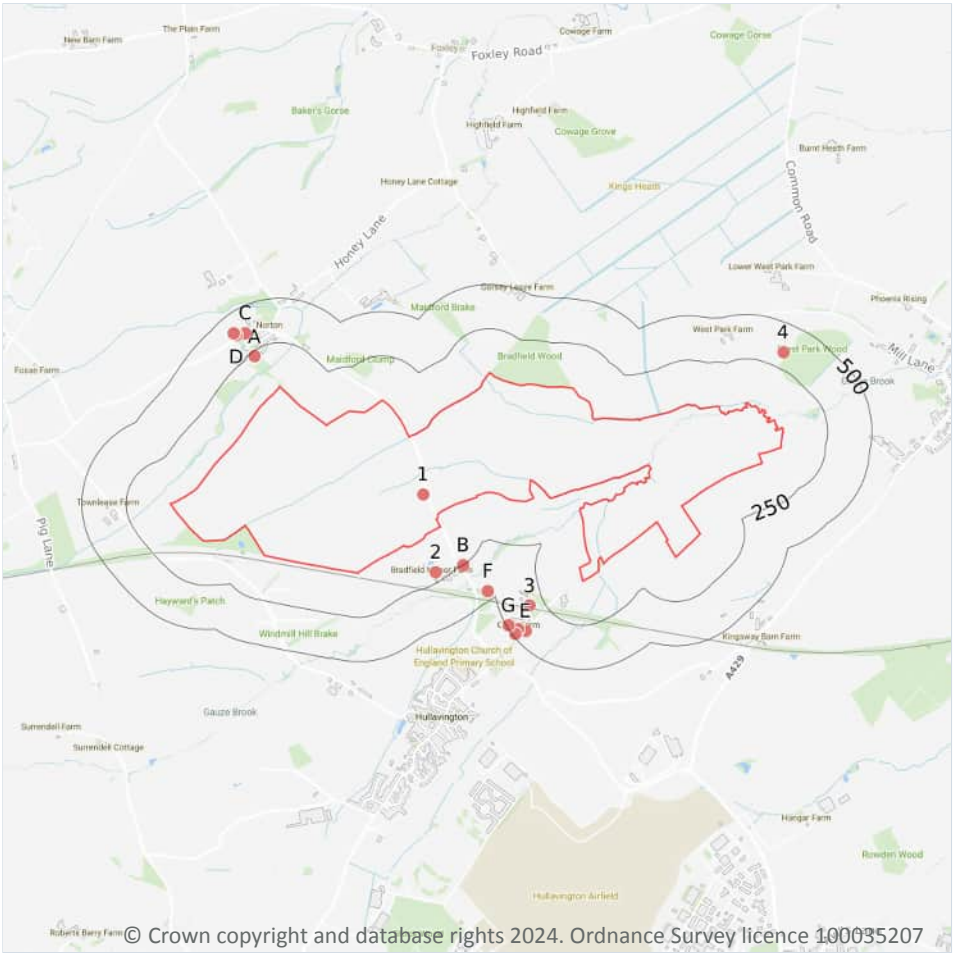
## 2.5 Historical garages

| Records within 500m | 0 |
|---|---|

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'.

*This data is sourced from Ordnance Survey / Groundsure.*

# 3 Waste and landfill

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Site Outline

Search buffers in metres (m)

Waste exemptions

## 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 | 0 |
|---|---|

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.

*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 | 0 |
|---|---|

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

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

## 3.7 Waste exemptions

| Records within 500m | 177 |
|---|---|

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 22 >**

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| **1** | **On site** | **Bradfield Farm Chippenham Wiltshire Sn14 6eu** | **EPR/UF0106ZW/A001** | **Using waste exemption** | **Non-agricultural waste only** | **Use of waste in construction** |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| 2 | 198m S | Bradfield Manor, Hullavington, Chippenham, Sn14 6eu | WEX256894 | Using waste exemption | On a farm | Use of waste in construction |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Use of waste in construction |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Disposing of waste exemption | Agricultural waste only | Burning waste in the open |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Treating waste exemption | Agricultural waste only | Screening and blending of waste |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Treating waste exemption | Agricultural waste only | Recovery of scrap metal |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Spreading waste on agricultural land to confer benefit |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Use of mulch |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Use of baled end-of-life tyres in construction |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Burning of waste as a fuel in a small appliance |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Use of waste derived biodiesel as fuel |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Use of waste for a specified purpose |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Disposing of waste exemption | Agricultural waste only | Deposit of waste from dredging of inland waters |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Treating waste exemption | Agricultural waste only | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Treating waste exemption | Agricultural waste only | Mechanical treatment of end-of-life tyres |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Spreading of plant matter to confer benefit |
| A | 221m NW | Manor Farm Malmesbury Wiltshire Sn16 0ju | EPR/CH0070JM/A001 | Using waste exemption | Agricultural waste only | Incorporation of ash into soil |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX290573 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX369694 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX369694 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX369694 | Using waste exemption | On a farm | Use of waste in construction |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Using waste exemption | On a farm | Use of waste in construction |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Treating waste exemption | On a farm | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Using waste exemption | On a farm | Use of mulch |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX320652 | Treating waste exemption | On a farm | Recovery of scrap metal |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Using waste exemption | On a farm | Use of waste in construction |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Treating waste exemption | On a farm | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Disposing of waste exemption | On a farm | Burning waste in the open |

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|---|---|---|---|---|---|---|
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Treating waste exemption | On a farm | Recovery of scrap metal |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Use of mulch |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Treating waste exemption | On a farm | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Treating waste exemption | On a farm | Mechanical treatment of end-of-life tyres |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Use of waste in construction |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Incorporation of ash into soil |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Use of baled end-of-life tyres in construction |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Use of waste derived biodiesel as fuel |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX038389 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Treating waste exemption | On a farm | Recovery of scrap metal |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| A | 224m NW | Manor Farm, Norton, Malmesbury, Sn16 0ju | WEX193663 | Using waste exemption | On a farm | Use of mulch |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| B | 252m S | Bradfield Farm Chippenham Wiltshire Sn14 6eu | EPR/SF0307UV/A001 | Using waste exemption | Non-agricultural waste only | Use of waste in construction |
| B | 253m S | Bradfield Farm Chippenham Wiltshire Sn14 6eu | EPR/BF0005CR/A001 | Using waste exemption | Agricultural waste only | Use of waste in construction |
| 3 | 335m SE | Old Railway Yard, Hullavington, Chippenham, Sn14 6et | WEX229030 | Storing waste exemption | Not on a farm | Storage of waste in a secure place |
| 4 | 337m E | - | WEX230834 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| C | 359m NW | - | WEX320184 | Using waste exemption | On a farm | Use of waste in construction |
| C | 359m NW | - | WEX320184 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| C | 359m NW | - | WEX320184 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| C | 359m NW | - | WEX320184 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| C | 359m NW | - | WEX320184 | Disposing of waste exemption | On a farm | Burning waste in the open |
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Disposing of waste exemption | Agricultural waste only | Burning waste in the open |
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Using waste exemption | Agricultural waste only | Spreading waste on agricultural land to confer benefit |
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Disposing of waste exemption | Agricultural waste only | Deposit of waste from dredging of inland waters |
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Treating waste exemption | Agricultural waste only | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Using waste exemption | Agricultural waste only | Use of waste in construction |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| D | 382m NW | Bucklands Farm Malmesbury Wiltshire Sn16 0jx | EPR/WH0976AY/A001 | Using waste exemption | Agricultural waste only | Use of waste for a specified purpose |
| D | 394m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX192068 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| D | 394m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX192068 | Disposing of waste exemption | On a farm | Burning waste in the open |
| D | 394m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX192068 | Using waste exemption | On a farm | Use of waste in construction |
| D | 394m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX192068 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| D | 394m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX192068 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| D | 397m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX037359 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| D | 397m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX037359 | Disposing of waste exemption | On a farm | Burning waste in the open |
| D | 397m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX037359 | Using waste exemption | On a farm | Use of waste in construction |
| D | 397m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX037359 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| D | 397m NW | Bucklands Farm, Norton, Malmesbury, Sn16 0jx | WEX037359 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| E | 434m S | Land At St9005682663 | EPR/HE5747NZ/A001 | Using waste exemption | Non-agricultural waste only | Use of waste in construction |
| F | 452m S | Railside Cdb Autos, Old Railway Yard, Hullavington, Chippenham, Sn146et | WEX299876 | Using waste exemption | Not on a farm | Use of depolluted end-of-life vehicles for vehicle parts |
| F | 452m S | The Old Station Yard, Old Station Road, Hullavington, Chippenham, Sn14 6et | WEX218188 | Storing waste exemption | Not on a farm | Storage of waste in a secure place |

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|---|---|---|---|---|---|---|
| F | 452m S | Old Station Yard, Hullavington, Chippenham, Sn14 6et | WEX257318 | Using waste exemption | Not on a farm | Use of waste in construction |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Use of waste in construction |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Spreading waste on non-agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Treating waste exemption | On a farm | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Storing waste exemption | On a farm | Storage of waste in a secure place |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of waste in construction |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of waste in the construction of entertainment or educational installations etc |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Spreading waste on non-agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of mulch |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Incorporation of ash into soil |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Pig and poultry ash |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of depolluted end-of-life vehicles for vehicle parts |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Treating waste exemption | On a farm | Cleaning, washing, spraying or coating relevant waste |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Treating waste exemption | On a farm | Screening and blending of waste |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Treating waste exemption | On a farm | Recovery of scrap metal |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Treating waste exemption | On a farm | Crushing and emptying waste vehicle oil filters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Treating waste exemption | On a farm | Aerobic composting and associated prior treatment |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Disposing of waste exemption | On a farm | Deposit of agricultural waste consisting of plant tissue under a Plant Health notice |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Disposing of waste exemption | On a farm | Burning waste in the open |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Storing waste exemption | On a farm | Storage of sludge |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of waste derived biodiesel as fuel |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX368193 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Using waste exemption | On a farm | Use of mulch |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Disposing of waste exemption | On a farm | Disposal by incineration |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX357919 | Disposing of waste exemption | On a farm | Burning waste in the open |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of waste in construction |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of waste in the construction of entertainment or educational installations etc |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of waste derived biodiesel as fuel |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Spreading waste on non-agricultural land to confer benefit |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Incorporation of ash into soil |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Pig and poultry ash |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Treating waste exemption | On a farm | Cleaning, washing, spraying or coating relevant waste |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Treating waste exemption | On a farm | Aerobic composting and associated prior treatment |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Storing waste exemption | On a farm | Storage of sludge |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Treating waste exemption | On a farm | Recovery of scrap metal |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Disposing of waste exemption | On a farm | Burning waste in the open |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of depolluted end-of-life vehicles for vehicle parts |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Disposing of waste exemption | On a farm | Deposit of agricultural waste consisting of plant tissue under a Plant Health notice |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Treating waste exemption | On a farm | Crushing and emptying waste vehicle oil filters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Treating waste exemption | On a farm | Screening and blending of waste |

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|---|---|---|---|---|---|---|
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of mulch |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX049324 | Storing waste exemption | On a farm | Storage of sludge |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Storing waste exemption | On a farm | Storage of sludge |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Treating waste exemption | On a farm | Aerobic composting and associated prior treatment |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of waste in construction |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Spreading waste on non-agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Incorporation of ash into soil |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Burning of waste as a fuel in a small appliance |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of waste for a specified purpose |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Disposing of waste exemption | On a farm | Deposit of waste from dredging of inland waters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Treating waste exemption | On a farm | Cleaning, washing, spraying or coating relevant waste |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Spreading of plant matter to confer benefit |

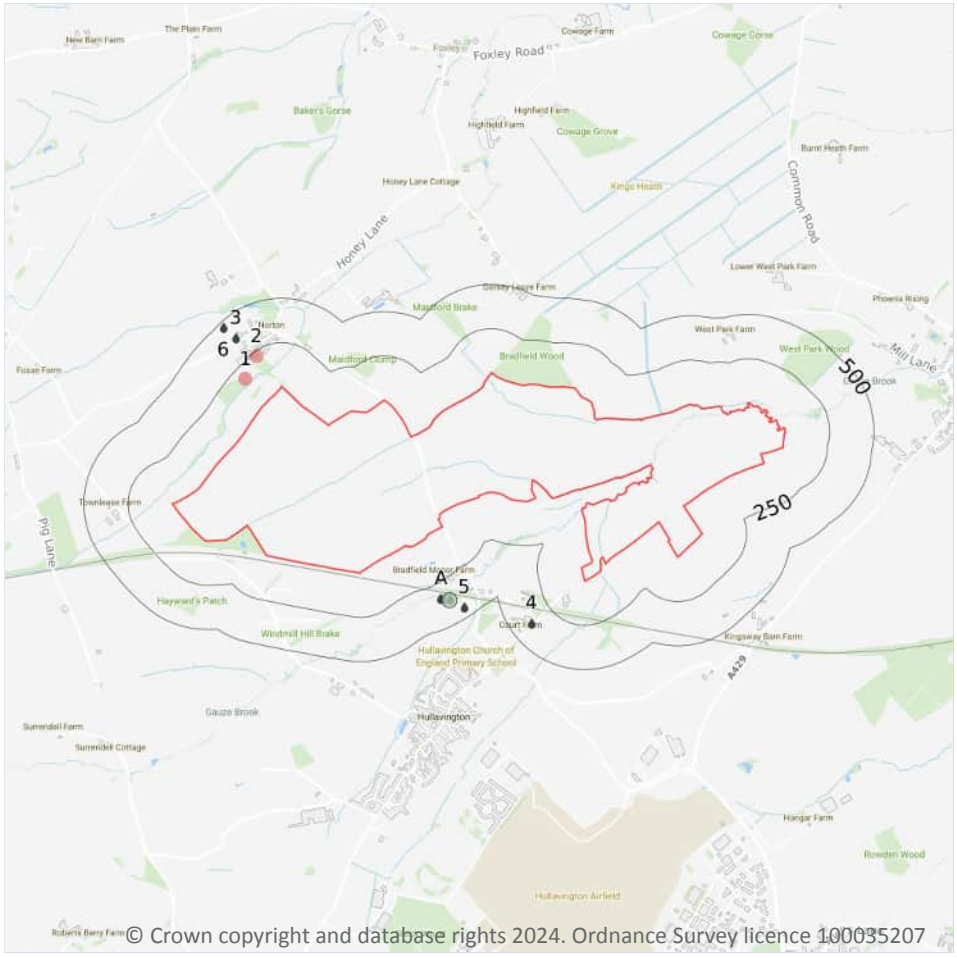
| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Pig and poultry ash |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of waste in the construction of entertainment or educational installations etc |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX096843 | Using waste exemption | On a farm | Use of waste derived biodiesel as fuel |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Spreading waste on agricultural land to confer benefit |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of mulch |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Using waste exemption | On a farm | Use of depolluted end-of-life vehicles for vehicle parts |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Treating waste exemption | On a farm | Screening and blending of waste |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Treating waste exemption | On a farm | Recovery of scrap metal |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Treating waste exemption | On a farm | Crushing and emptying waste vehicle oil filters |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Disposing of waste exemption | On a farm | Deposit of agricultural waste consisting of plant tissue under a Plant Health notice |
| E | 460m S | Court Farm House, Down Lane, Hullavington, Chippenham, Sn14 6qp | WEX239576 | Disposing of waste exemption | On a farm | Burning waste in the open |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Using waste exemption | Agricultural waste only | Use of waste in construction |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Using waste exemption | Agricultural waste only | Use of waste for a specified purpose |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Disposing of waste exemption | Agricultural waste only | Deposit of waste from dredging of inland waters |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Treating waste exemption | Agricultural waste only | Cleaning, washing, spraying or coating relevant waste |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Treating waste exemption | Agricultural waste only | Aerobic composting and associated prior treatment |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Treating waste exemption | Agricultural waste only | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Using waste exemption | Agricultural waste only | Burning of waste as a fuel in a small appliance |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Using waste exemption | Agricultural waste only | Use of waste derived biodiesel as fuel |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Disposing of waste exemption | Agricultural waste only | Deposit of agricultural waste consisting of plant tissue under a Plant Health notice |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Disposing of waste exemption | Agricultural waste only | Burning waste in the open |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Treating waste exemption | Agricultural waste only | Screening and blending of waste |
| E | 490m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/VE5045SN/A001 | Using waste exemption | Agricultural waste only | Spreading waste on agricultural land to confer benefit |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG/A001 | Disposing of waste exemption | Agricultural waste only | Deposit of waste from dredging of inland waters |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG/A001 | Treating waste exemption | Agricultural waste only | Cleaning, washing, spraying or coating relevant waste |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG/A001 | Using waste exemption | Agricultural waste only | Burning of waste as a fuel in a small appliance |

| ID | Location | Site | Reference | Category | Sub-Category | Description |
|---|---|---|---|---|---|---|
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Using waste exemption | Both agricultural and non-agricultural waste | Use of waste for a specified purpose |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Treating waste exemption | Both agricultural and non-agricultural waste | Aerobic composting and associated prior treatment |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Treating waste exemption | Both agricultural and non-agricultural waste | Treatment of waste wood and waste plant matter by chipping, shredding, cutting or pulverising |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Using waste exemption | Both agricultural and non-agricultural waste | Use of waste in construction |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Using waste exemption | Both agricultural and non-agricultural waste | Use of waste derived biodiesel as fuel |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Disposing of waste exemption | Agricultural waste only | Deposit of agricultural waste consisting of plant tissue under a Plant Health notice |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Disposing of waste exemption | Agricultural waste only | Burning waste in the open |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Treating waste exemption | Agricultural waste only | Screening and blending of waste |
| G | 492m S | Court Farm Down Lane Chippenham Wiltshire Sn14 6qp | EPR/EE5389KG /A001 | Using waste exemption | Agricultural waste only | Spreading waste on agricultural land to confer benefit |

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

# 4 Current industrial land use

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Site Outline

Search buffers in metres (m)

Recent industrial land uses

Licensed Discharges to controlled waters

Pollution Incidents (EA/NRW)

## 4.1 Recent industrial land uses

| Records within 250m | 2 |
|---|---|

Current potentially contaminative industrial sites.

Features are displayed on the Current industrial land use map on **page 37 >**

| ID | Location | Company | Address | Activity | Category |
|---|---|---|---|---|---|
| 1 | 175m NW | Pumping House | Wiltshire, SN16 | Water Pumping Stations | Industrial Features |
| 2 | 224m NW | C D Smith | Manor Farm, Norton, Wiltshire, SN16 0JU | Dairy Farming | Farming |

*This data is sourced from Ordnance Survey.*

## 4.2 Current or recent petrol stations

| Records within 500m | 0 |
|---|---|

Open, closed, under development and obsolete petrol stations.

*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 | 0 |
|---|---|

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.

*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 | 25 |
|---|---|

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 37 >**

| ID | Location | Address | Details | |
|---|---|---|---|---|
| A | 334m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 010046<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK | Status: REVOKED - UNSPECIFIED<br>Issue date: -<br>Effective Date: 03/09/1985<br>Revocation Date: 30/03/2001 |
| A | 346m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 4<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2016<br>Effective Date: 01/01/2017<br>Revocation Date: 29/12/2021 |
| A | 346m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 6<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 31/03/2026<br>Revocation Date: - |
| A | 346m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 5<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 30/12/2021<br>Revocation Date: 30/03/2026 |
| A | 348m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 2<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 14/10/2008<br>Effective Date: 01/04/2009<br>Revocation Date: 30/03/2010 |

| ID | Location | Address | Details | |
|---|---|---|---|---|
| A | 348m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 15/03/2001<br>Effective Date: 15/03/2001<br>Revocation Date: 31/03/2009 |
| A | 348m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 3<br>Receiving Water: GAUZE BROOK (S) | Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995)<br>Issue date: 31/03/2010<br>Effective Date: 31/03/2010<br>Revocation Date: 31/12/2016 |
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 6<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 31/03/2026<br>Revocation Date: - |
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 4<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2016<br>Effective Date: 01/01/2017<br>Revocation Date: 29/12/2021 |
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 4<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2016<br>Effective Date: 01/01/2017<br>Revocation Date: 29/12/2021 |
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 6<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 31/03/2026<br>Revocation Date: - |
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 5<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 30/12/2021<br>Revocation Date: 30/03/2026 |

| ID | Location | Address | Details | |
|---|---|---|---|---|
| A | 354m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 5<br>Receiving Water: GAUZE BROOK (S) | Status: VARIED UNDER EPR 2010<br>Issue date: 30/12/2021<br>Effective Date: 30/12/2021<br>Revocation Date: 30/03/2026 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 2<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 14/10/2008<br>Effective Date: 01/04/2009<br>Revocation Date: 30/03/2010 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 15/03/2001<br>Effective Date: 15/03/2001<br>Revocation Date: 31/03/2009 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 3<br>Receiving Water: GAUZE BROOK (S) | Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995)<br>Issue date: 31/03/2010<br>Effective Date: 31/03/2010<br>Revocation Date: 31/12/2016 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 15/03/2001<br>Effective Date: 15/03/2001<br>Revocation Date: 31/03/2009 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 3<br>Receiving Water: GAUZE BROOK (S) | Status: MODIFIED - (WRA 91 SCHED 10 - AS AMENDED BY ENV ACT 1995)<br>Issue date: 31/03/2010<br>Effective Date: 31/03/2010<br>Revocation Date: 31/12/2016 |
| A | 358m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 101441<br>Permit Version: 2<br>Receiving Water: GAUZE BROOK (S) | Status: NEW CONSENT (WRA 91, S88 & SCHED 10 AS AMENDED BY ENV ACT 1995)<br>Issue date: 14/10/2008<br>Effective Date: 01/04/2009<br>Revocation Date: 30/03/2010 |

| ID | Location | Address | Details | |
|---|---|---|---|---|
| A | 367m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 010046<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK | Status: REVOKED - UNSPECIFIED<br>Issue date: -<br>Effective Date: 03/09/1985<br>Revocation Date: 30/03/2001 |
| A | 367m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - STW STORM OVERFLOW/STORM TANK - WATER COMPANY<br>Permit Number: 010046<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK | Status: REVOKED - UNSPECIFIED<br>Issue date: -<br>Effective Date: 03/09/1985<br>Revocation Date: 30/03/2001 |
| 3 | 380m NW | BUCKLAND FARM BARN, NORTON, MALMESBURY, WILTSHIRE | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY<br>Permit Number: 012338<br>Permit Version: 1<br>Receiving Water: SOAKAWAY AND TRIB OF NORTON BK | Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 113 & SCHED 12)<br>Issue date: 03/12/1993<br>Effective Date: 29/11/1993<br>Revocation Date: - |
| 4 | 385m SE | NEW FARM BUILDINGS, HULLAVINGTON, HULLAVINGTON, CHIPPENHAM, WILTSHIRE | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY<br>Permit Number: 011546<br>Permit Version: 1<br>Receiving Water: DISCHARGE TO SOAKAWAY | Status: LAPSED UNDER SCHEDULE 23 ENVIRONMENT ACT 1995<br>Issue date: -<br>Effective Date: 22/05/1990<br>Revocation Date: 01/10/1996 |
| 5 | 442m S | HULLAVINGTON WWTW, NORTON ROAD, HULLAVINGTON, WILTSHIRE, SN14 6HD | Effluent Type: SEWAGE DISCHARGES - PUMPING STATION - WATER COMPANY<br>Permit Number: 011480<br>Permit Version: 1<br>Receiving Water: GAUZE BROOK | Status: REVOKED - UNSPECIFIED<br>Issue date: -<br>Effective Date: 31/10/1989<br>Revocation Date: 31/05/2005 |
| 6 | 472m NW | BUCKLAND FARM BARN, NORTON, MALMESBURY, WILTSHIRE | Effluent Type: SEWAGE DISCHARGES - FINAL/TREATED EFFLUENT - NOT WATER COMPANY<br>Permit Number: 012338<br>Permit Version: 1<br>Receiving Water: SOAKAWAY AND TRIB OF NORTON BK | Status: NEW CONSENT, BY APPLICATION (WRA 91, SECTION 113 & SCHED 12)<br>Issue date: 03/12/1993<br>Effective Date: 29/11/1993<br>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 | 1 |
|---|---|

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 37 >**

| ID | Location | Details | |
|---|---|---|---|
| A | 368m S | Incident Date: 07/07/2001<br>Incident Identification: 14587<br>Pollutant: Sewage Materials<br>Pollutant Description: Storm Sewage | Water Impact: Category 3 (Minor)<br>Land Impact: Category 4 (No Impact)<br>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.*

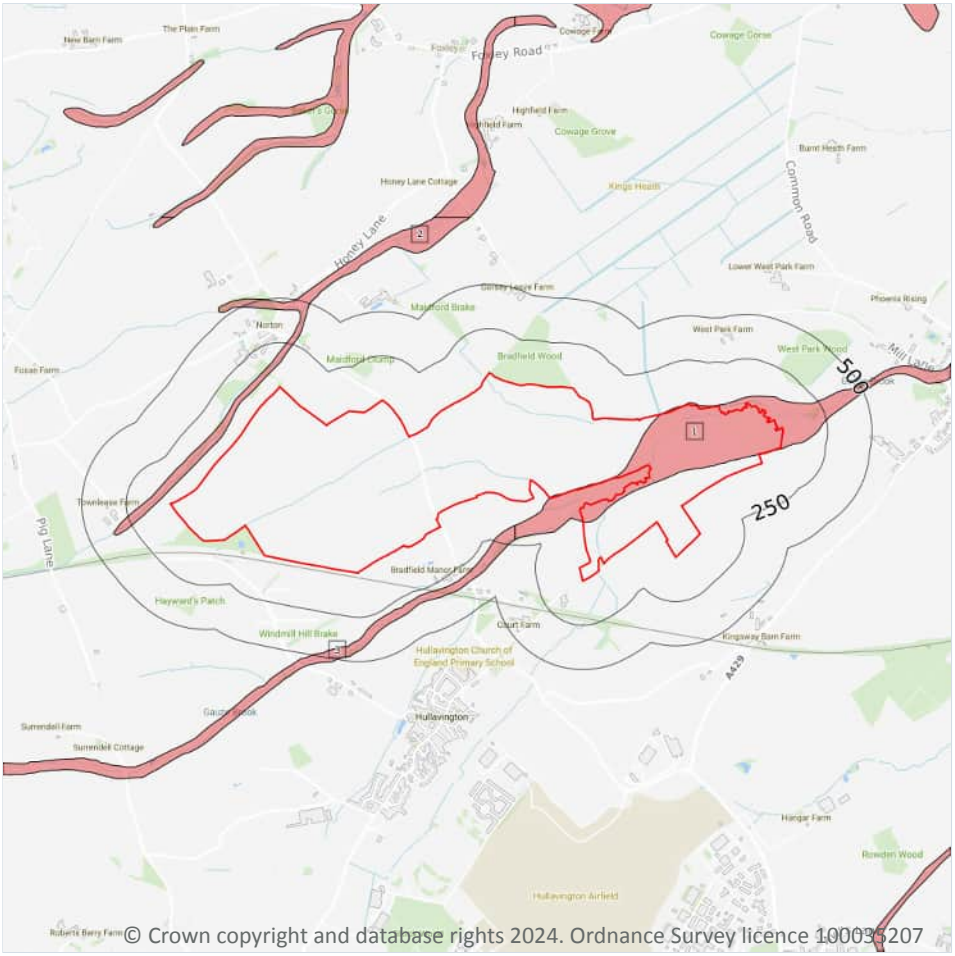
## 4.21 Pollution inventory radioactive waste

| 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




Site Outline

Search buffers in metres (m)

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

## 5.1 Superficial aquifer

| Records within 500m | 3 |
|---|---|

Aquifer status of groundwater held within superficial geology.

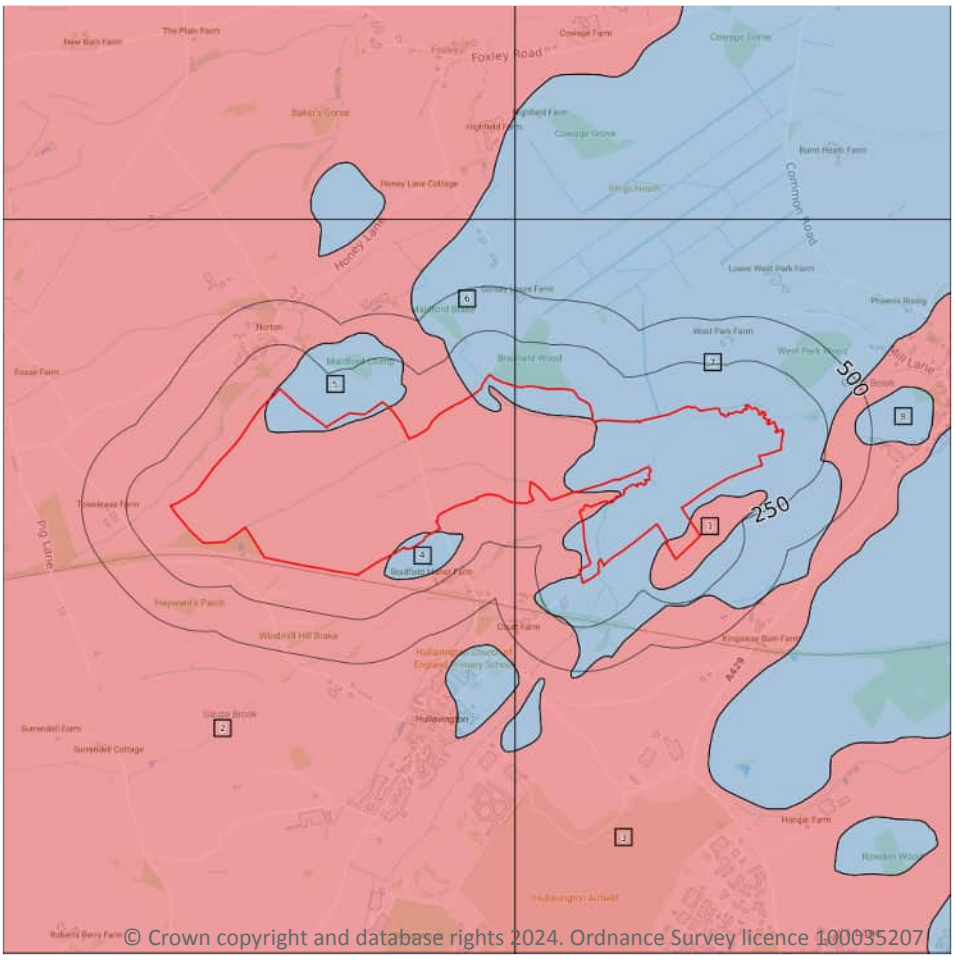
Features are displayed on the Hydrogeology map on **page 46 >**

| 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 | 58m 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 |

| ID | Location | Designation | Description |
|---|---|---|---|
| 3 | 140m 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 |

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

# Bedrock aquifer




Site Outline

Search buffers in metres (m)

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

## 5.2 Bedrock aquifer

| Records within 500m | 8 |
|---|---|

Aquifer status of groundwater held within bedrock geology.

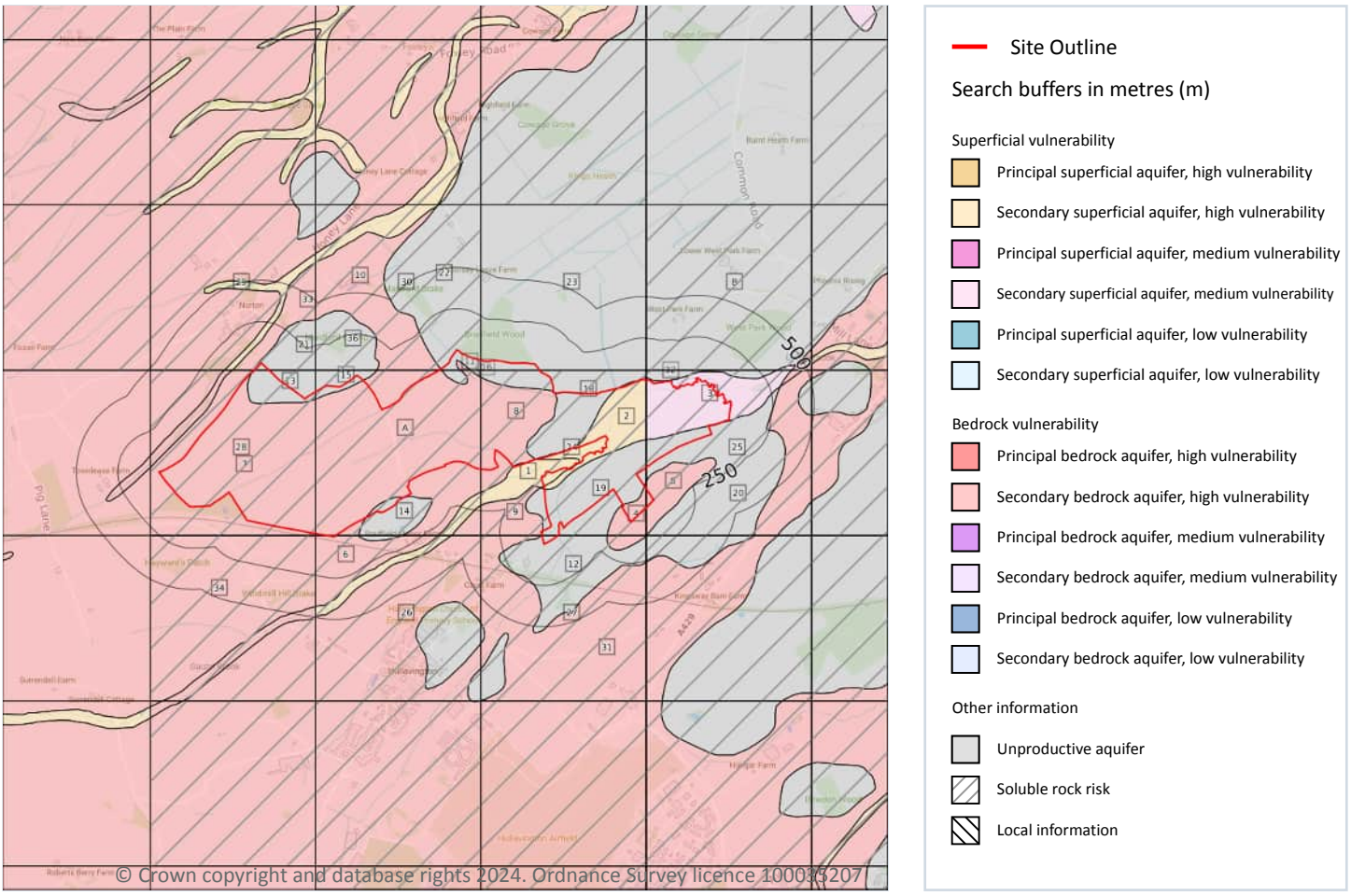
Features are displayed on the Bedrock aquifer map on **page 48 >**

| 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** | **Unproductive** | **These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow** |
| **5** | **On site** | **Unproductive** | **These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow** |
| **6** | **On site** | **Unproductive** | **These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow** |
| **7** | **On site** | **Unproductive** | **These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow** |
| 8 | 407m E | Unproductive | These are rock layers or drift deposits with low permeability that have negligible significance for water supply or river base flow |

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

# Groundwater vulnerability



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## 5.3 Groundwater vulnerability

| Records within 50m | 30 |
|---|---|

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 50 >**

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|---|---|---|---|---|---|
| 1 | On site | Summary Classification: Secondary superficial aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, Productive Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: High<br>Aquifer type: Secondary<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 2 | On site | Summary Classification: Secondary superficial aquifer - High Vulnerability<br>Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: High<br>Aquifer type: Secondary<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: Unproductive<br>Aquifer type: Unproductive<br>Flow mechanism: Well connected fractures |
| 3 | On site | Summary Classification: Secondary superficial aquifer - Medium Vulnerability<br>Combined classification: Unproductive Bedrock Aquifer, Productive Superficial Aquifer | Leaching class: Low<br>Infiltration value: 40-70%<br>Dilution value: 300-550mm/year | Vulnerability: Medium<br>Aquifer type: Secondary<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: Unproductive<br>Aquifer type: Unproductive<br>Flow mechanism: Well connected fractures |
| 4 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 5 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Low<br>Infiltration value: 40-70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 6 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|---|---|---|---|---|---|
| 7 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Intermediate<br>Infiltration value: 40-70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 8 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 9 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 10 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 11 | On site | Summary Classification: Secondary bedrock aquifer - High Vulnerability<br>Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: High<br>Aquifer type: Secondary<br>Flow mechanism: Well connected fractures |
| 12 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath)<br>Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High<br>Infiltration value: >70%<br>Dilution value: 300-550mm/year | Vulnerability: -<br>Aquifer type: -<br>Thickness: <3m<br>Patchiness value: <90%<br>Recharge potential: No Data | Vulnerability: Unproductive<br>Aquifer type: Unproductive<br>Flow mechanism: Well connected fractures |

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|---|---|---|---|---|---|
| 13 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Intermediate Infiltration value: 40-70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 14 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 15 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 16 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 17 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|---|---|---|---|---|---|
| 18 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 19 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 20 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 21 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 22 | On site | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |

| ID | Location | Summary | Soil / surface | Superficial geology | Bedrock geology |
|---|---|---|---|---|---|
| **23** | **On site** | **Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer** | **Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year** | **Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data** | **Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures** |
| **A** | **On site** | **Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer** | **Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year** | **Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data** | **Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures** |
| 31 | 4m SE | Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures |
| 32 | 4m E | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| 33 | 6m W | Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: High Aquifer type: Secondary Flow mechanism: Well connected fractures |
| 34 | 11m SW | Summary Classification: Secondary bedrock aquifer - High Vulnerability Combined classification: Productive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Intermediate Infiltration value: 40-70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - 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 |
|---|---|---|---|---|---|
| 36 | 32m NW | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: High Infiltration value: >70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive Flow mechanism: Well connected fractures |
| B | 47m E | Summary Classification: Unproductive aquifer (may have productive aquifer beneath) Combined classification: Unproductive Bedrock Aquifer, No Superficial Aquifer | Leaching class: Low Infiltration value: 40-70% Dilution value: 300-550mm/year | Vulnerability: - Aquifer type: - Thickness: <3m Patchiness value: <90% Recharge potential: No Data | Vulnerability: Unproductive Aquifer type: Unproductive 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** | **8** |
|---|---|

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

| ID | Maximum soluble risk category | Percentage of grid square covered by maximum risk |
|---|---|---|
| **24** | **Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.** | **3.0%** |
| **25** | **Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.** | **0.0%** |
| **26** | **Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.** | **56.00000000000001%** |
| **27** | **Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.** | **68.0%** |
| **28** | **Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.** | **48.0%** |

| ID | Maximum soluble risk category | Percentage of grid square covered by maximum risk |
|---|---|---|
| **29** | **Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.** | **49.0%** |
| **30** | **Significant soluble rocks are likely to be present. Low possibility of localised subsidence or dissolution-related degradation of bedrock occurring naturally, but may be possible in adverse conditions such as high surface or subsurface water flow.** | **6.0%** |
| **A** | **Significant soluble rocks are likely to be present. Problems unlikely except with considerable surface or subsurface water flow.** | **83.0%** |

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

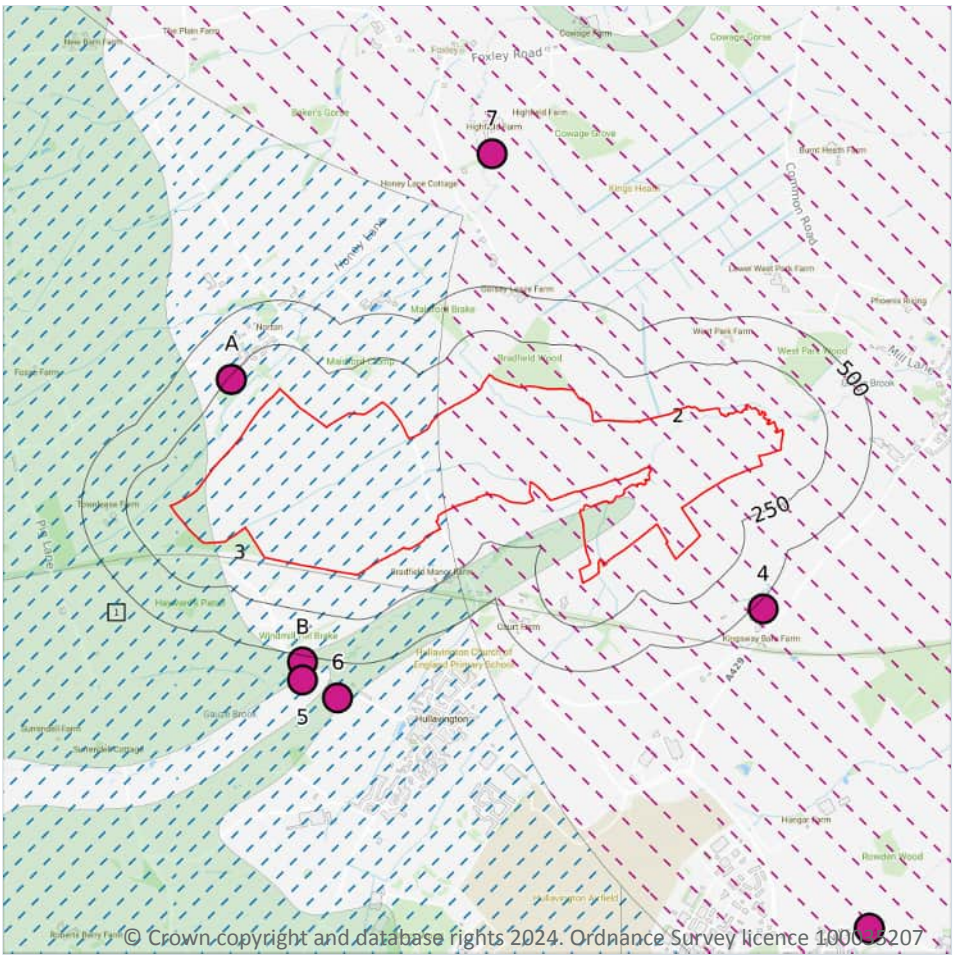
## 5.5 Groundwater vulnerability- local information

| **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 58 >**

| ID | Location | Details | |
|---|---|---|---|
| A | 233m W | Status: Historical<br>Licence No: 17/53/005/G/004<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: "WELL, NORTON, MALMESBURY"<br>Data Type: Point<br>Name: Smith<br>Easting: 388400<br>Northing: 184100 | Annual Volume ($m^3$): -<br>Max Daily Volume ($m^3$): -<br>Original Application No: -<br>Original Start Date: 28/02/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 28/02/1966<br>Version End Date: - |
| A | 233m W | Status: Historical<br>Licence No: 17/53/005/G/004<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: WELL, NORTON, MALMESBURY<br>Data Type: Point<br>Name: Smith<br>Easting: 388400<br>Northing: 184100 | Annual Volume ($m^3$): -<br>Max Daily Volume ($m^3$): -<br>Original Application No: -<br>Original Start Date: 28/02/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 28/02/1966<br>Version End Date: - |
| B | 540m SW | Status: Historical<br>Licence No: 17/53/001/G/410<br>Details: General Use Relating To Secondary Category (Very Low Loss)<br>Direct Source: Ground Water - Fresh<br>Point: HULLAVINGTON<br>Data Type: Point<br>Name: Wessex Water Services Ltd<br>Easting: 388800<br>Northing: 182500 | Annual Volume ($m^3$): 21650000<br>Max Daily Volume ($m^3$): 59400<br>Original Application No: -<br>Original Start Date: 23/10/1989<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 23/10/1989<br>Version End Date: - |
| 4 | 544m SE | Status: Active<br>Licence No: 17/53/001/G/381<br>Details: Horticultural Watering<br>Direct Source: Ground Water - Fresh<br>Point: CORSTON<br>Data Type: Point<br>Name: Rochford & Sons Ltd<br>Easting: 391400<br>Northing: 182800 | Annual Volume ($m^3$): 18184<br>Max Daily Volume ($m^3$): 159.1<br>Original Application No: 17/53/001/G/381<br>Original Start Date: 12/01/1971<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 12/01/1971<br>Version End Date: - |
| B | 558m SW | Status: Active<br>Licence No: 17/53/001/G/410<br>Details: General Use Relating To Secondary Category (Very Low Loss)<br>Direct Source: Ground Water - Fresh<br>Point: HULLAVINGTON<br>Data Type: Poly4<br>Name: Wessex Water Services Ltd<br>Easting: 388805<br>Northing: 182481 | Annual Volume ($m^3$): 4200000<br>Max Daily Volume ($m^3$): 27500<br>Original Application No: NPS/WR/028211<br>Original Start Date: 23/10/1989<br>Expiry Date: -<br>Issue No: 101<br>Version Start Date: 31/01/2019<br>Version End Date: - |

| ID | Location | Details | |
|---|---|---|---|
| 5 | 638m SW | Status: Historical<br>Licence No: 17/53/001/G/174<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: HULLAVINGTON1<br>Data Type: Point<br>Name: B & H Greenman Bros<br>Easting: 388800<br>Northing: 182400 | Annual Volume ($m^3$): -<br>Max Daily Volume ($m^3$): -<br>Original Application No: -<br>Original Start Date: 24/03/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 24/03/1966<br>Version End Date: - |
| 6 | 702m SW | Status: Historical<br>Licence No: 17/53/001/G/174<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: HULLAVINGTON2<br>Data Type: Point<br>Name: B & H Greenman Bros<br>Easting: 389000<br>Northing: 182300 | Annual Volume ($m^3$): -<br>Max Daily Volume ($m^3$): -<br>Original Application No: -<br>Original Start Date: 24/03/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 24/03/1966<br>Version End Date: - |
| - | 958m W | Status: Historical<br>Licence No: 17/53/005/G/009<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: "BOREHOLE, HULLAVINGTON"<br>Data Type: Point<br>Name: Seymour Williams<br>Easting: 387100<br>Northing: 183300 | Annual Volume ($m^3$): -<br>Max Daily Volume ($m^3$): -<br>Original Application No: -<br>Original Start Date: 16/02/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 16/02/1966<br>Version End Date: - |
| - | 958m W | Status: Historical<br>Licence No: 17/53/005/G/009<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: BOREHOLE, HULLAVINGTON<br>Data Type: Point<br>Name: Seymour Williams<br>Easting: 387100<br>Northing: 183300 | Annual Volume ($m^3$): 6637<br>Max Daily Volume ($m^3$): 18.18<br>Original Application No: -<br>Original Start Date: 16/02/1966<br>Expiry Date: -<br>Issue No: 100<br>Version Start Date: 16/02/1966<br>Version End Date: - |
| 7 | 1247m N | Status: Historical<br>Licence No: 17/53/005/G/020<br>Details: General Farming & Domestic<br>Direct Source: Ground Water - Fresh<br>Point: HIGHFIELD FARM BOREHOLE<br>Data Type: Point<br>Name: Irvine & Son<br>Easting: 389870<br>Northing: 185370 | Annual Volume ($m^3$): 6400<br>Max Daily Volume ($m^3$): 17.5<br>Original Application No: -<br>Original Start Date: 02/09/2002<br>Expiry Date: 31/03/2017<br>Issue No: 101<br>Version Start Date: 02/09/2002<br>Version End Date: - |

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

## 5.7 Surface water abstractions

| Records within 2000m | 0 |
|---|---|

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.

*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 | 1 |
|---|---|

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

Features are displayed on the Abstractions and Source Protection Zones map on **page 58 >**

| ID | Location | Type | Description |
|---|---|---|---|
| **1** | **On site** | **3** | **Total catchment** |

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

## 5.10 Source Protection Zones (confined aquifer)

| Records within 500m | 2 |
|---|---|

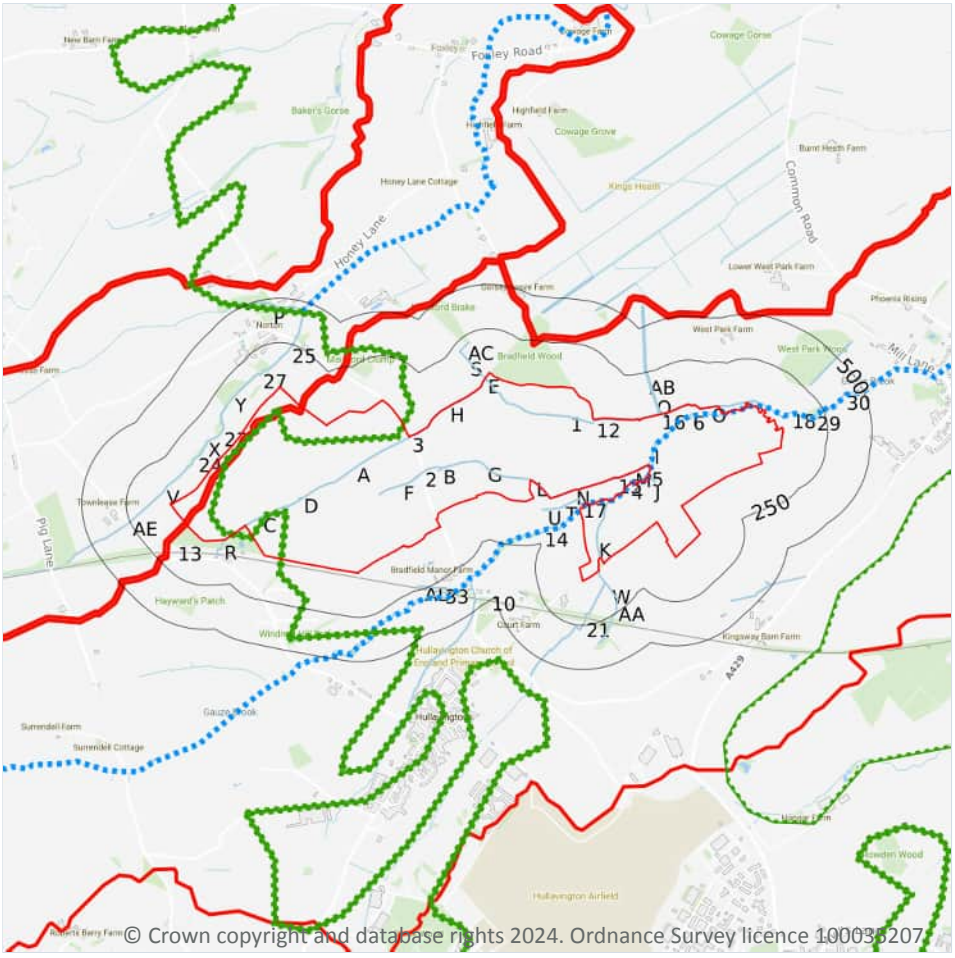
Source Protection Zones in the confined aquifer define the sensitivity around a deep groundwater abstraction to contamination. A confined aquifer would normally be protected from contamination by overlying geology and is only considered a sensitive resource if deep excavation/drilling is taking place.

Features are displayed on the Abstractions and Source Protection Zones map on **page 58 >**

| ID | Location | Type | Description |
|---|---|---|---|
| **2** | **On site** | **1c** | **Inner catchment within confined aquifer** |
| **3** | **On site** | **2c** | **Outer catchment within confined aquifer** |

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

# 6 Hydrology




Site Outline

Search buffers in metres (m)

Water Network (OS MasterMap)

Surface water features (wider than 5m)

Surface water features (narrower than 5m)

WFD River, canal and surface water transfer water bodies

WFD Lake water bodies

WFD Transitional and coastal water bodies

WFD Surface water body catchments boundaries

WFD Groundwater body boundaries

## 6.1 Water Network (OS MasterMap)

| **Records within 250m** | **69** |
|---|---|

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 63 >**

| ID | Location | Type of water feature | Ground level | Permanence | Name |
|---|---|---|---|---|---|
| **1** | **On site** | **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 |
|---|---|---|---|---|---|
| 2 | On site | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| 3 | On site | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| 4 | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |
| 5 | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |
| 6 | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |
| 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. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| B | On site | Lake, loch or reservoir. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| B | On site | Inland river not influenced by normal tidal action. | On ground surface | 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. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| D | On site | Lake, loch or reservoir. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| E | On site | Lake, loch or reservoir. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |

| ID | Location | Type of water feature | Ground level | Permanence | Name |
|---|---|---|---|---|---|
| E | On site | Lake, loch or reservoir. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| E | On site | Lake, loch or reservoir. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| E | On site | Inland river not influenced by normal tidal action. | Underground | 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) | - |
| G | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| H | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| I | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| I | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| J | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| K | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| L | On site | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| L | 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 |
|---|---|---|---|---|---|
| **L** | **On site** | **Inland river not influenced by normal tidal action.** | **Underground** | **Watercourse contains water year round (in normal circumstances)** | **-** |
| **M** | **On site** | **Inland river not influenced by normal tidal action.** | **On ground surface** | **Watercourse contains water year round (in normal circumstances)** | **-** |
| **N** | **On site** | **Inland river not influenced by normal tidal action.** | **On ground surface** | **Watercourse contains water year round (in normal circumstances)** | **-** |
| 14 | 1m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |
| O | 2m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 15 | 2m E | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| 16 | 3m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| Q | 3m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| Q | 3m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| R | 3m W | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| 17 | 12m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| S | 15m N | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 18 | 23m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |

| ID | Location | Type of water feature | Ground level | Permanence | Name |
|---|---|---|---|---|---|
| T | 38m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| R | 50m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| R | 57m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| U | 68m SE | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| U | 70m SE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 21 | 76m SE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| W | 76m SE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| V | 77m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| R | 94m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| X | 94m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 23 | 96m W | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| Y | 97m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 24 | 106m 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 |
|---|---|---|---|---|---|
| 25 | 116m NW | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 27 | 128m NW | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| W | 166m SE | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| AA | 171m SE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 29 | 180m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 30 | 200m E | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | Gauze Brook |
| AB | 204m NE | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| AC | 204m N | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| AB | 204m NE | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| AC | 205m N | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| AB | 209m NE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| AB | 209m NE | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| AD | 226m S | 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 |
|---|---|---|---|---|---|
| AE | 241m W | Inland river not influenced by normal tidal action. | Underground | Watercourse contains water year round (in normal circumstances) | - |
| AE | 248m W | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |
| 33 | 250m S | Inland river not influenced by normal tidal action. | On ground surface | Watercourse contains water year round (in normal circumstances) | - |

*This data is sourced from the Ordnance Survey.*

## 6.2 Surface water features

| **Records within 250m** | **26** |
|---|---|

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 63 >**

*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 63 >**

| ID | Location | Type | Water body catchment | Water body ID | Operational catchment | Management catchment |
|---|---|---|---|---|---|---|
| **10** | **On site** | **River** | **Gauze Bk - source to conf R Avon (Brist)** | **GB109053027730** | **Avon Bristol Rural** | **Avon Bristol and Somerset Nort** |
| **P** | **On site** | **River** | **Tributary - source to conf Sherston Avon** | **GB109053027680** | **Avon Bristol Rural** | **Avon Bristol and Somerset Nort** |

*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 63 >**

| ID | Location | Type | Name | Water body ID | Overall rating | Chemical rating | Ecological rating | Year |
|---|---|---|---|---|---|---|---|---|
| **11** | **On site** | **River** | **Gauze Bk - source to conf R Avon (Brist)** | **GB109053027730** | **Moderate** | **Fail** | **Moderate** | **2019** |
| 43 | 444m NW | River | Tributary - source to conf Sherston Avon | GB109053027680 | Moderate | Fail | Good | 2019 |

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

## 6.5 WFD Groundwater bodies

| Records on site | 2 |
|---|---|

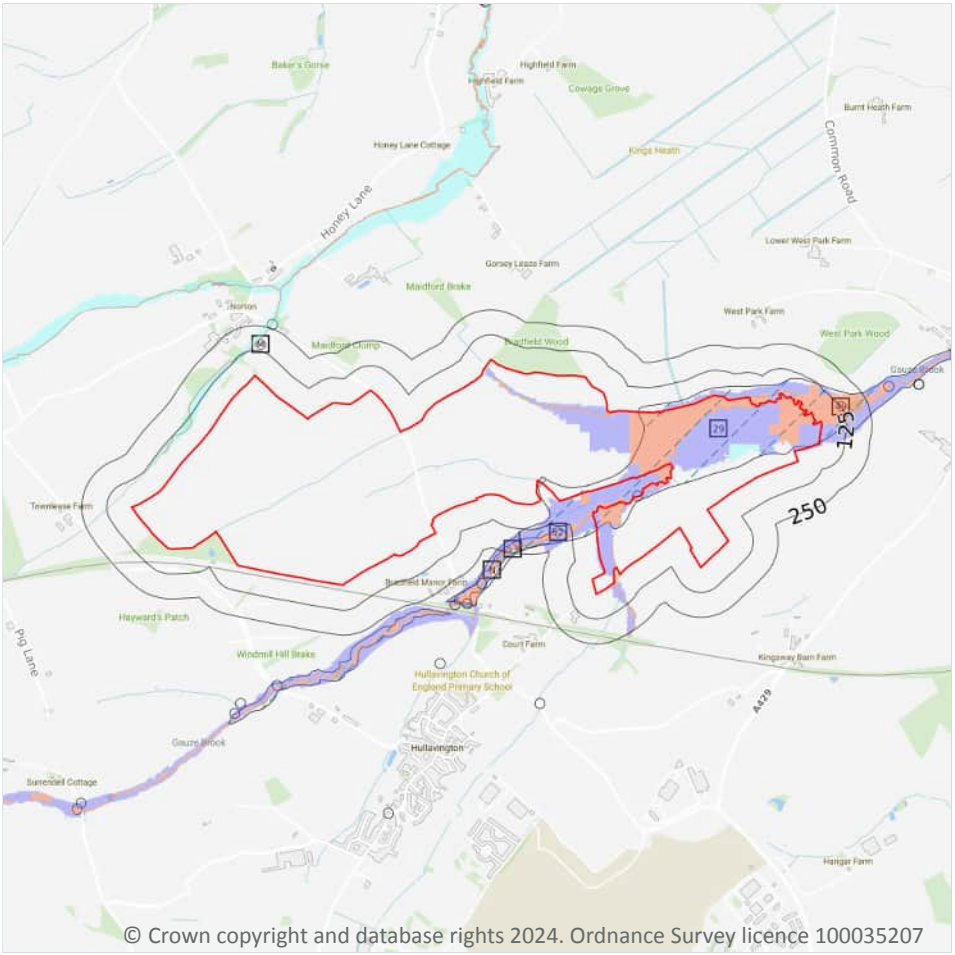
Groundwater bodies are also covered by the Directive and the same regime of objectives and reporting detailed in the previous section is in place. Click on the water body ID in the table to visit the EA Catchment Explorer to find out more about each groundwater body listed.

Features are displayed on the Hydrology map on **page 63 >**

| ID | Location | Name | Water body ID | Overall rating | Chemical rating | Quantitative | Year |
|---|---|---|---|---|---|---|---|
| **12** | **On site** | **South of Malmesbury** | **GB40901G806000** | **Good** | **Good** | **Good** | **2019** |
| **13** | **On site** | **Bristol Avon Forest Marble** | **GB40902G302900** | **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 | 77 |
|---|---|

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).

Features are displayed on the River and coastal flooding map on **page 71 >**

| Distance | Flood risk category |
|---|---|
| **On site** | **High** |
| 0 - 50m | High |

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

## 7.2 Historical Flood Events

| **Records within 250m** | **8** |
|---|---|

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.

Features are displayed on the River and coastal flooding map on **page 71 >**

| ID | Location | Event name | Date of flood | Flood source | Flood cause | Type of flood |
|---|---|---|---|---|---|---|
| **29** | **On site** | **Ea112_Gauzebrk_Sherstonavon_Corston_Dauntsey** | **1932-05-01 1932-05-01** | **Main river** | **Channel capacity exceeded (no raised defences)** | **Fluvial** |
| **G** | **On site** | **This Represents Flooding In This Area In 1960** | **1960-12-04 1960-12-04** | **Main river** | **Unknown** | **Fluvial** |
| 49 | 102m E | This Represents Flooding In This Area In 1960 | 1960-12-04 1960-12-04 | Main river | Unknown | Fluvial |
| 52 | 130m SE | This Represents Flooding In This Area In 1960 | 1960-12-04 1960-12-04 | Main river | Unknown | Fluvial |
| M | 134m NW | This Represents Flooding In The Area In 1978 | 1978-03-06 1978-03-06 | Ordinary watercourse | Obstruction/blockage - culvert | Fluvial |
| N | 141m SE | Ea112_Gauze Brook_Hullavington_1932 | 1932-05-03 1932-05-03 | Main river | Channel capacity exceeded (no raised defences) | Fluvial |
| 53 | 143m SE | Ea112_Gauze Brook_Hullavington | 1925-01-01 1925-01-31 | Main river | Channel capacity exceeded (no raised defences) | Fluvial |
| M | 246m NW | This Represents Flooding In This Area In 1960 | 1960-12-04 1960-12-04 | Main river | Channel capacity exceeded (no raised defences) | Fluvial |

*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.*

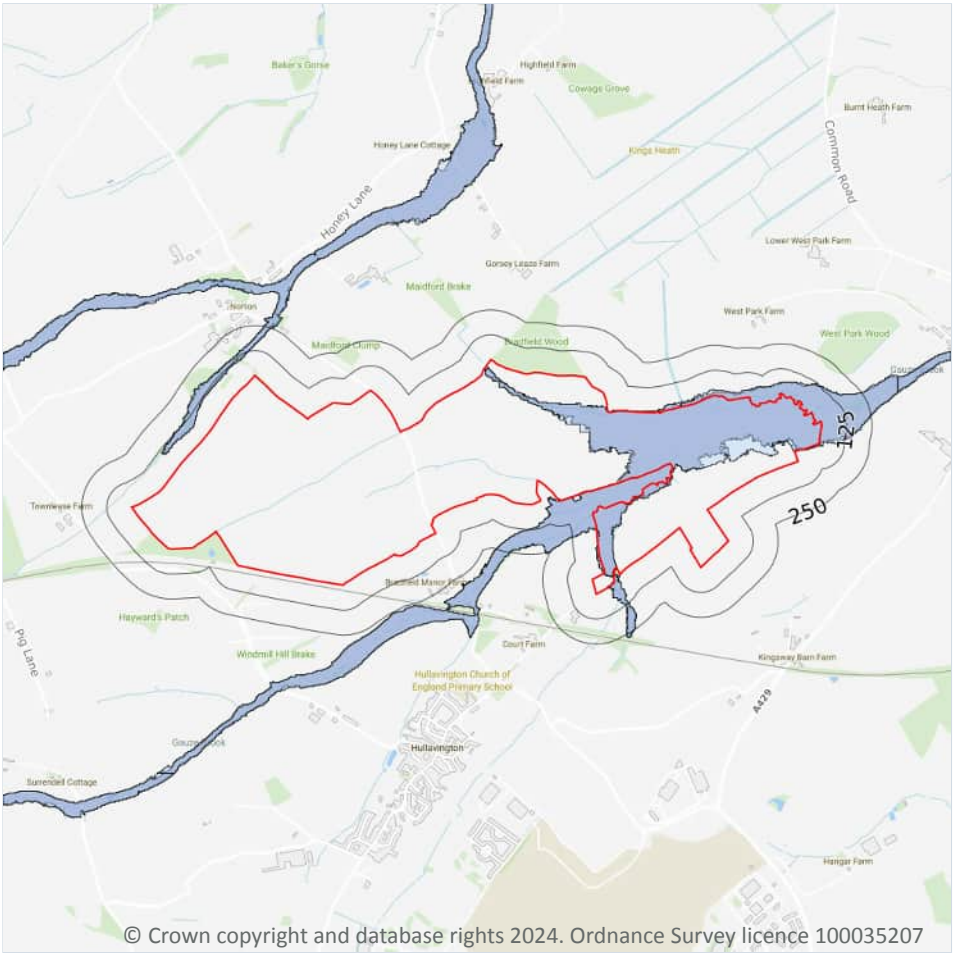
## 7.5 Flood Storage Areas

| 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 | 1 |
|---|---|

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.

Features are displayed on the River and coastal flooding map on **page 71 >**

| Location | Type |
|---|---|
| **On site** | **Zone 2 - (Fluvial /Tidal Models)** |

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

## 7.7 Flood Zone 3

| Records within 50m | 1 |
|---|---|

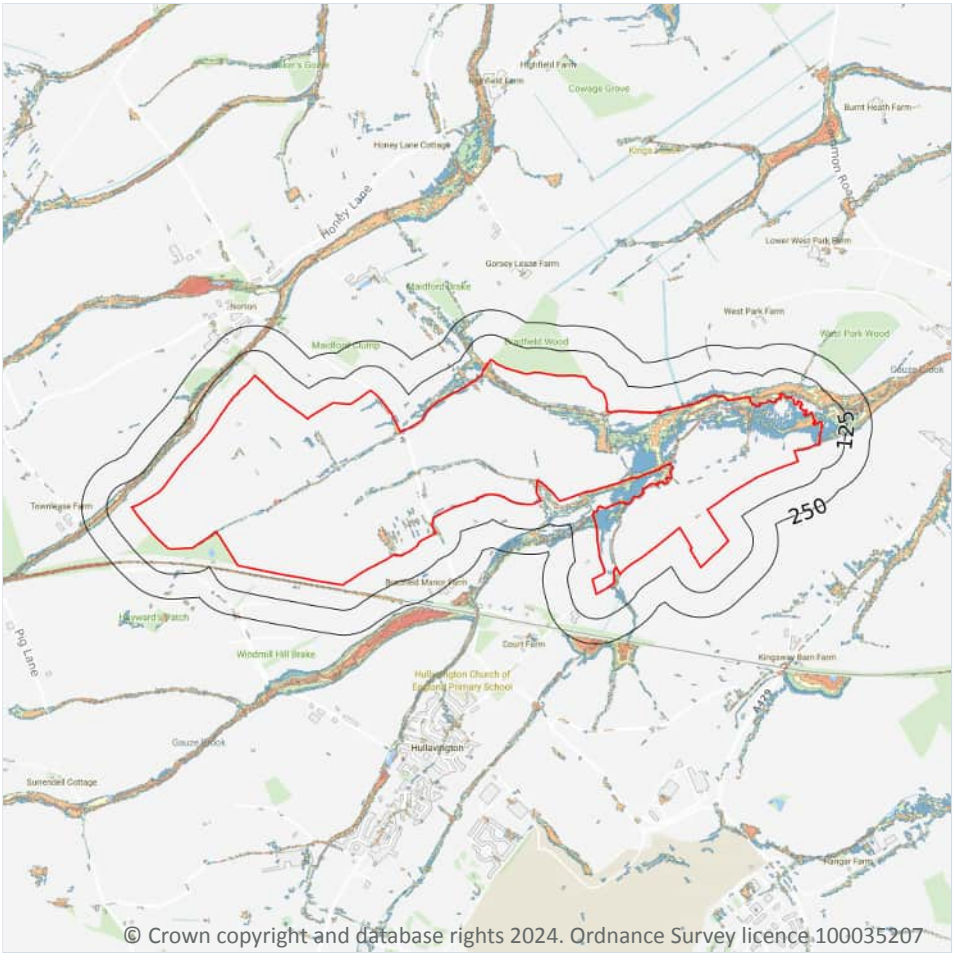
Areas of land at risk of flooding, when the presence of flood defences are ignored. Covering land with a 1 in 100 (1%) or greater chance of flooding each year from rivers or a 1 in 200 (0.5%) or greater chance of flooding each year from the sea.

Features are displayed on the River and coastal flooding map on **page 71 >**

| Location | Type |
|---|---|
| **On site** | **Zone 3 - (Fluvial Models)** |

*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 76 >**

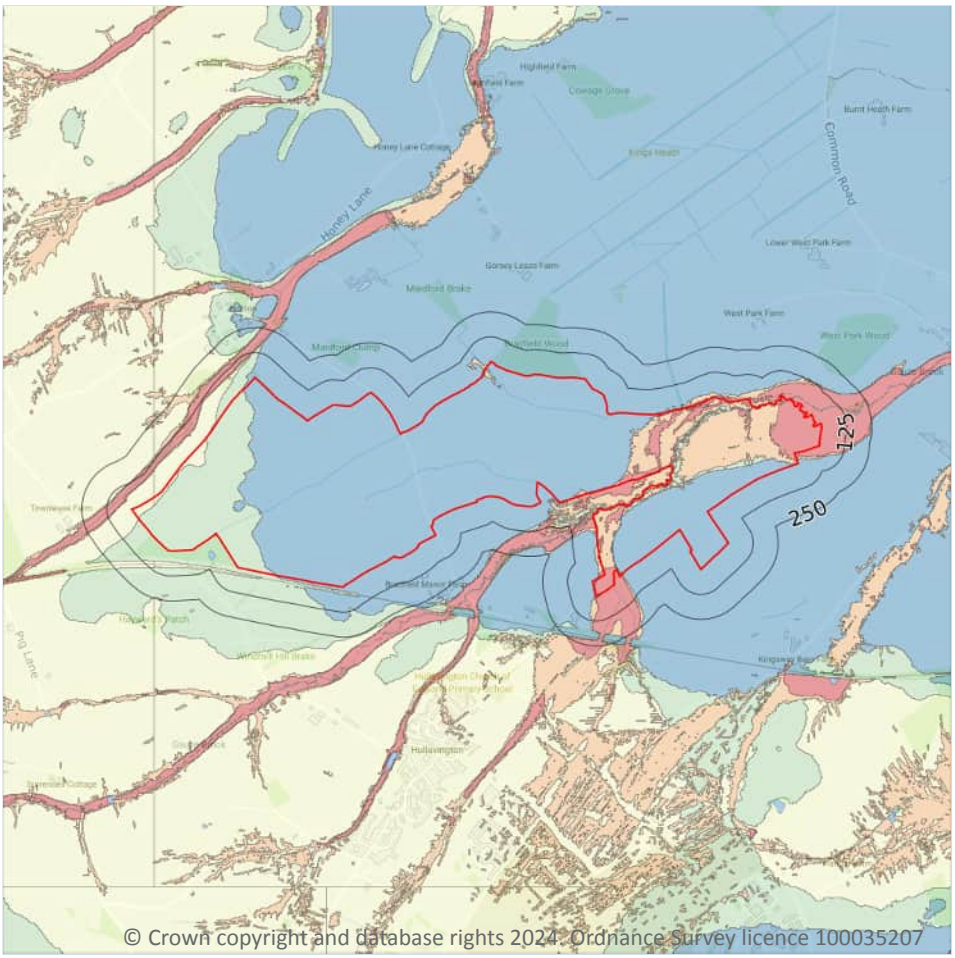
The data shown on the map and in the table above shows the highest likelihood of flood events happening at the site. Lower likelihood events may have greater flood depths and hence a greater potential impact on a site.

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




## 9.1 Groundwater flooding

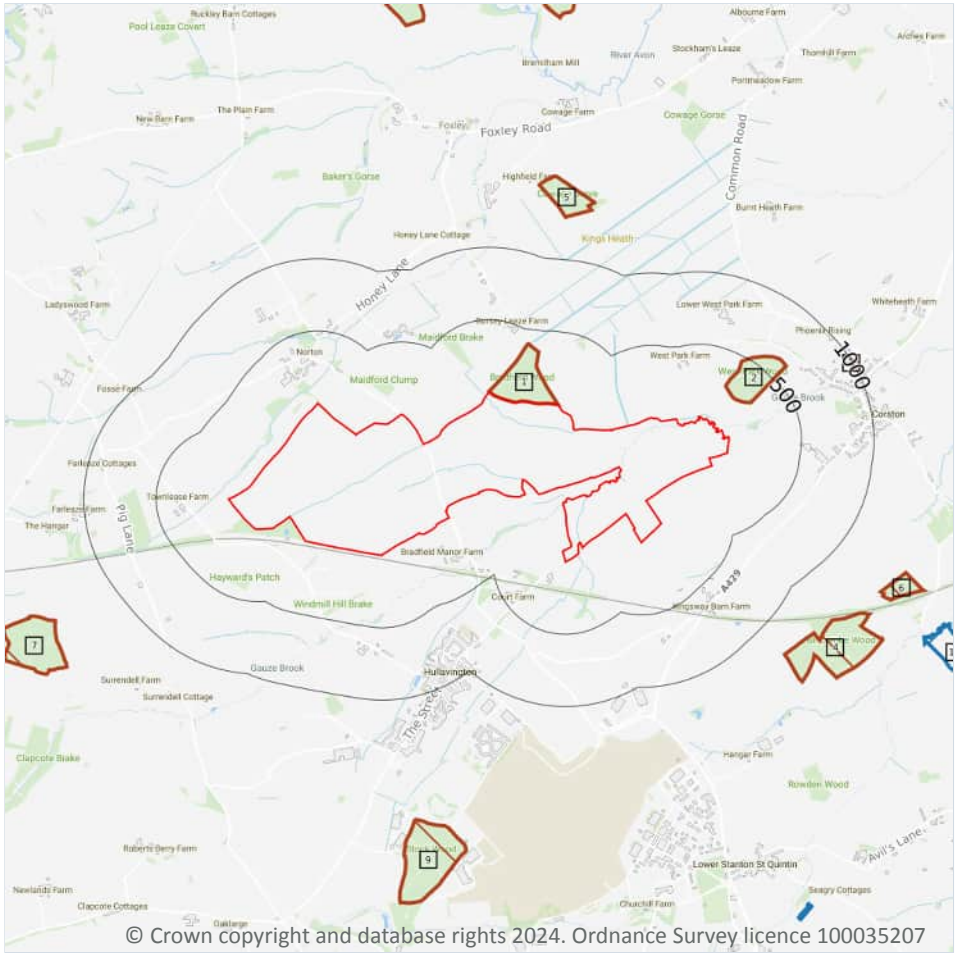
| | |
|---|---|
| **Highest risk on site** | **High** |
| **Highest risk within 50m** | **High** |

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 78 >**

*This data is sourced from Ambiental Risk Analytics.*

# 10 Environmental designations

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## 10.1 Sites of Special Scientific Interest (SSSI)

| Records within 2000m | 1 |
|---|---|

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.

Features are displayed on the Environmental designations map on **page 79 >**

| ID | Location | Name | Data source |
|---|---|---|---|
| 10 | 1862m E | Harries Ground, Rodbourne | Natural England |

*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 | 1 |
|---|---|

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.

Features are displayed on the Environmental designations map on **page 79 >**

| ID | Location | Name | Data source |
|---|---|---|---|
| 3 | 947m E | Corston Quarry and Pond | Natural England |

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

## 10.7 Designated Ancient Woodland

| Records within 2000m | 8 |
|---|---|

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 79 >**

| ID | Location | Name | Woodland Type |
|---|---|---|---|
| **1** | **On site** | **Unknown** | **Ancient & Semi-Natural Woodland** |
| 2 | 217m E | West Park Wood | Ancient & Semi-Natural Woodland |
| 4 | 1243m SE | Bincombe Wood | Ancient & Semi-Natural Woodland |
| 5 | 1293m N | Unknown | Ancient & Semi-Natural Woodland |
| 6 | 1430m E | North Bincombe Wood | Ancient & Semi-Natural Woodland |
| 7 | 1465m W | Surrendell Wood | Ancient & Semi-Natural Woodland |
| - | 1838m W | Unknown | Ancient Replanted Woodland |
| 9 | 1841m S | Stock Wood | 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 | 5 |
|---|---|

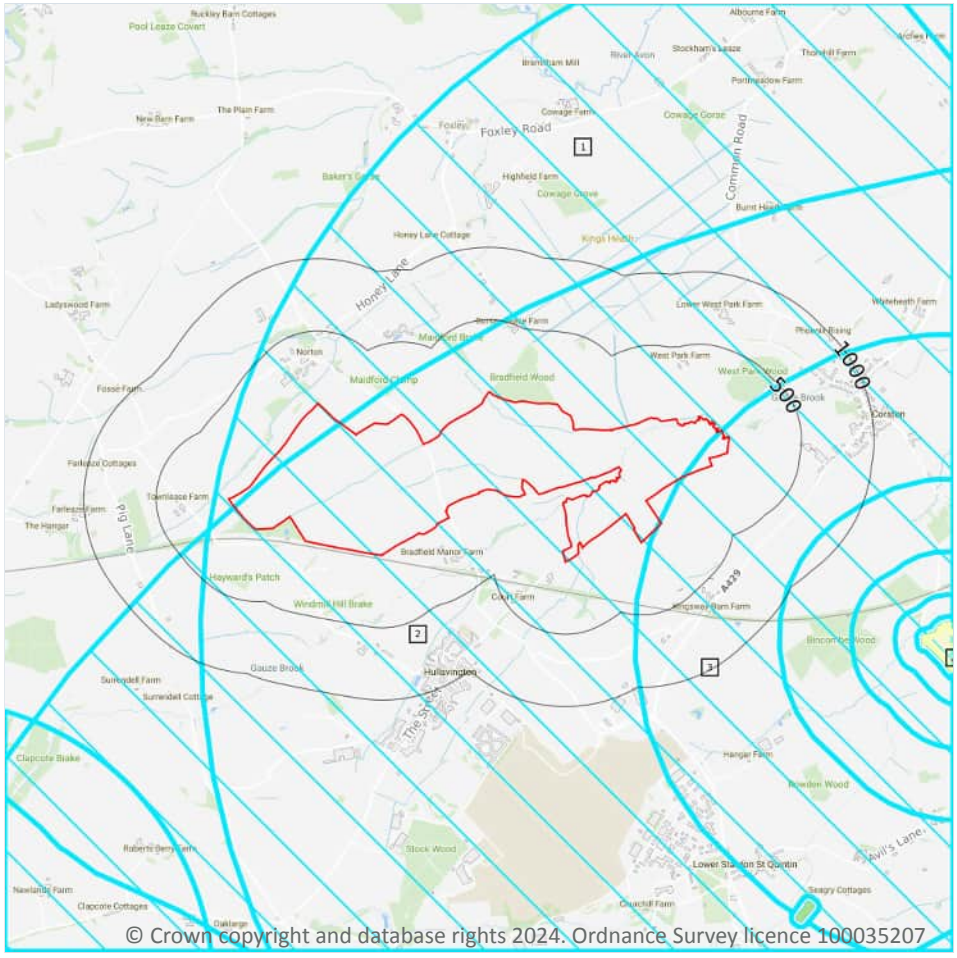
Areas at risk from agricultural nitrate pollution designated under the EC Nitrate Directive (91/676/EEC). These are areas of land that drain into waters polluted by nitrates. Farmers operating within these areas have to follow mandatory rules to tackle nitrate loss from agriculture.

| Location | Name | Type | NVZ ID | Status |
|---|---|---|---|---|
| 1842m N | Sherston Avon NVZ | Surface Water | 572 | Existing |

| Location | Name | Type | NVZ ID | Status |
|---|---|---|---|---|
| 1851m NW | Sherston Avon NVZ | Surface Water | 572 | Existing |
| 1872m N | Sherston Avon NVZ | Surface Water | 572 | Existing |
| 1887m N | Sherston Avon NVZ | Surface Water | 572 | Existing |
| 1937m N | Sherston Avon NVZ | Surface Water | 572 | Existing |

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

# SSSI Impact Zones and Units

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Site Outline

Search buffers in metres (m)

SSSI Impact Risk Zones

SSSI Units

- Not recorded
- Favourable
- Unfavourable - Recovering
- Unfavourable - No change
- Unfavourable - Declining
- Partially destroyed
- Destroyed

## 10.17 SSSI Impact Risk Zones

| Records on site | 3 |
|---|---|

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 85 >**

| ID | Location | Type of developments requiring consultation |
|---|---|---|
| **1** | **On site** | **Infrastructure - Airports, helipads and other aviation proposals.**<br>**Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.** |

| ID | Location | Type of developments requiring consultation |
|---|---|---|
| 2 | On site | **Infrastructure - Airports, helipads and other aviation proposals.<br>Air pollution - Livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 750m², manure stores > 3500t.<br>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.** |
| 3 | On site | **Infrastructure - Airports, helipads and other aviation proposals.<br>Air pollution - Any industrial/agricultural development that could cause AIR POLLUTION (incl: industrial processes, livestock & poultry units with floorspace > 500m², slurry lagoons & digestate stores > 200m², manure stores > 250t).<br>Combustion - General combustion processes >20MW energy input. Incl: energy from waste incineration, other incineration, landfill gas generation plant, pyrolysis/gasification, anaerobic digestion, sewage treatment works, other incineration/ combustion.<br>Waste - Landfill. Incl: inert landfill, non-hazardous landfill, hazardous landfill.<br>Composting - Any composting proposal with more than 75000 tonnes maximum annual operational throughput. Incl: open windrow composting, in-vessel composting, anaerobic digestion, other waste management.<br>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** | **1** |
|---|---|

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.

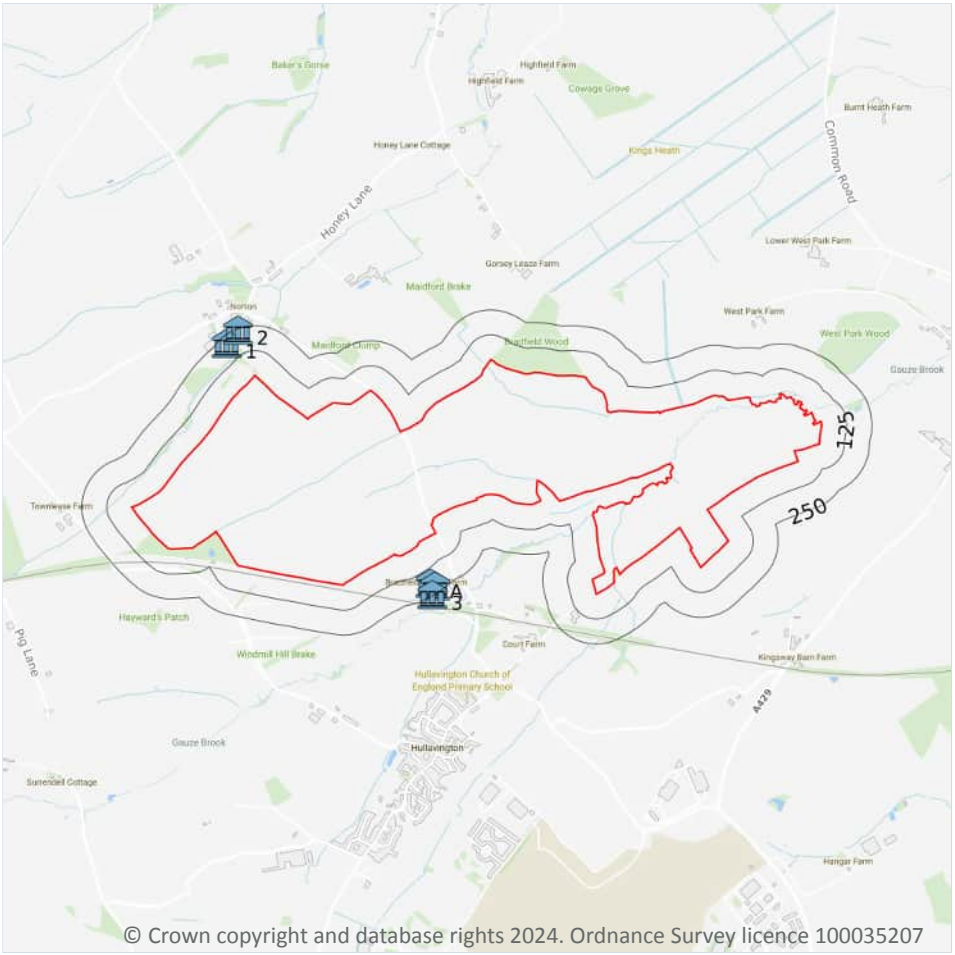
Features are displayed on the SSSI Impact Zones and Units map on **page 85 >**

ID: A
Location: 1862m E
SSSI name: Harries Ground, Rodbourne
Unit name: Hay Meadow
Broad habitat: Neutral Grassland - Lowland
Condition: Unfavourable - Recovering
Reportable features:

| Feature name | Feature condition | Date of assessment |
|---|---|---|
| Lowland neutral grassland (MG5) | Favourable | 01/10/2010 |
| Population of nationally scarce butterfly species - Eurodryas aurinia, Marsh Fritillary | Favourable | 27/03/2014 |

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

# 11 Visual and cultural designations

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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 | 5 |
|---|---|

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 87 >**

| ID | Location | Name | Grade | Reference Number | Listed date |
|---|---|---|---|---|---|
| A | 194m S | Bradfield Manor Farmhouse | I | 1198808 | 12/12/1951 |
| A | 214m S | Barn In Courtyard To The South East Of Bradfield Manor Farmhouse | II | 1023202 | 03/12/1986 |
| 1 | 215m NW | Manor Farmhouse | II | 1199052 | 12/12/1951 |
| 2 | 244m NW | Barn To The East Of Manor Farmhouse | II | 1356003 | 12/12/1951 |
| 3 | 244m S | Barn To South West Of Bradfield Manor Farmhouse | II | 1198869 | 03/12/1986 |

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

## 11.5 Conservation Areas

| Records within 250m | 0 |
|---|---|

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.

*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.*

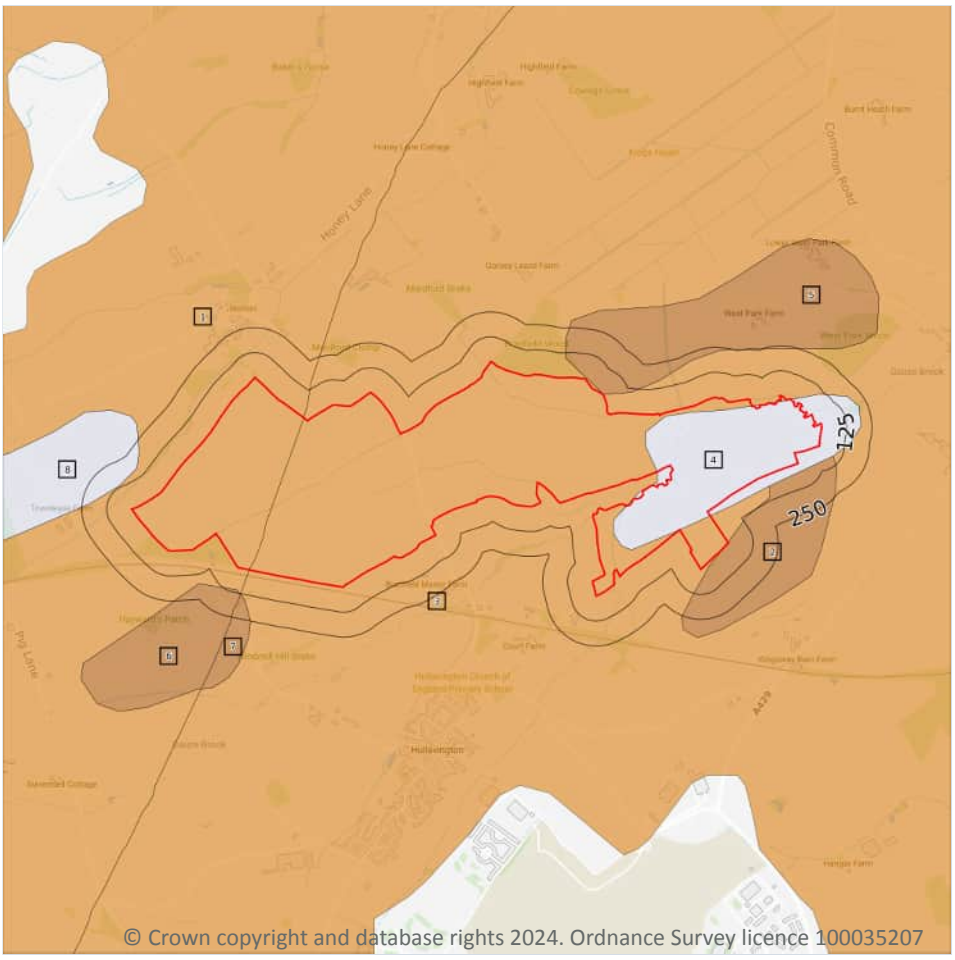
## 11.7 Registered Parks and Gardens

| 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

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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 | 8 |
|---|---|

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 90 >**

| ID | Location | Classification | Description |
|---|---|---|---|
| 1 | 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.** |

| ID | Location | Classification | Description |
|---|---|---|---|
| **2** | **On site** | **Grade 2** | **Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1.** |
| **3** | **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.** |
| **4** | **On site** | **Grade 4** | **Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land.** |
| 5 | 3m NE | Grade 2 | Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1. |
| 6 | 110m SW | Grade 2 | Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1. |
| 7 | 130m SW | Grade 2 | Very good quality agricultural land. Land with minor limitations which affect crop yield, cultivations or harvesting. A wide range of agricultural and horticultural crops can usually be grown but on some land in the grade there may be reduced flexibility due to difficulties with the production of the more demanding crops such as winter harvested vegetables and arable root crops. The level of yield is generally high but may be lower or more variable than Grade 1. |
| 8 | 133m W | Grade 4 | Poor quality agricultural land. Land with severe limitations which significantly restrict the range of crops and/or level of yields. It is mainly suited to grass with occasional arable crops (e.g. cereals and forage crops) the yields of which are variable. In moist climates, yields of grass may be moderate to high but there may be difficulties in utilisation. The grade also includes very droughty arable land. |

*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 | 0 |
|---|---|

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.

*This data is sourced from the Forestry Commission.*

## 12.4 Environmental Stewardship Schemes

| Records within 250m | 4 |
|---|---|

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 |
|---|---|---|---|---|
| **On site** | **AG00577491** | **Entry Level plus Higher Level Stewardship** | **01/10/2014** | **30/09/2024** |
| **On site** | **AG00577491** | **Entry Level plus Higher Level Stewardship** | **01/10/2014** | **30/09/2024** |
| 42m SW | AG00577491 | Entry Level plus Higher Level Stewardship | 01/10/2014 | 30/09/2024 |
| 186m SE | AG00577491 | Entry Level plus Higher Level Stewardship | 01/10/2014 | 30/09/2024 |

*This data is sourced from Natural England.*

## 12.5 Countryside Stewardship Schemes

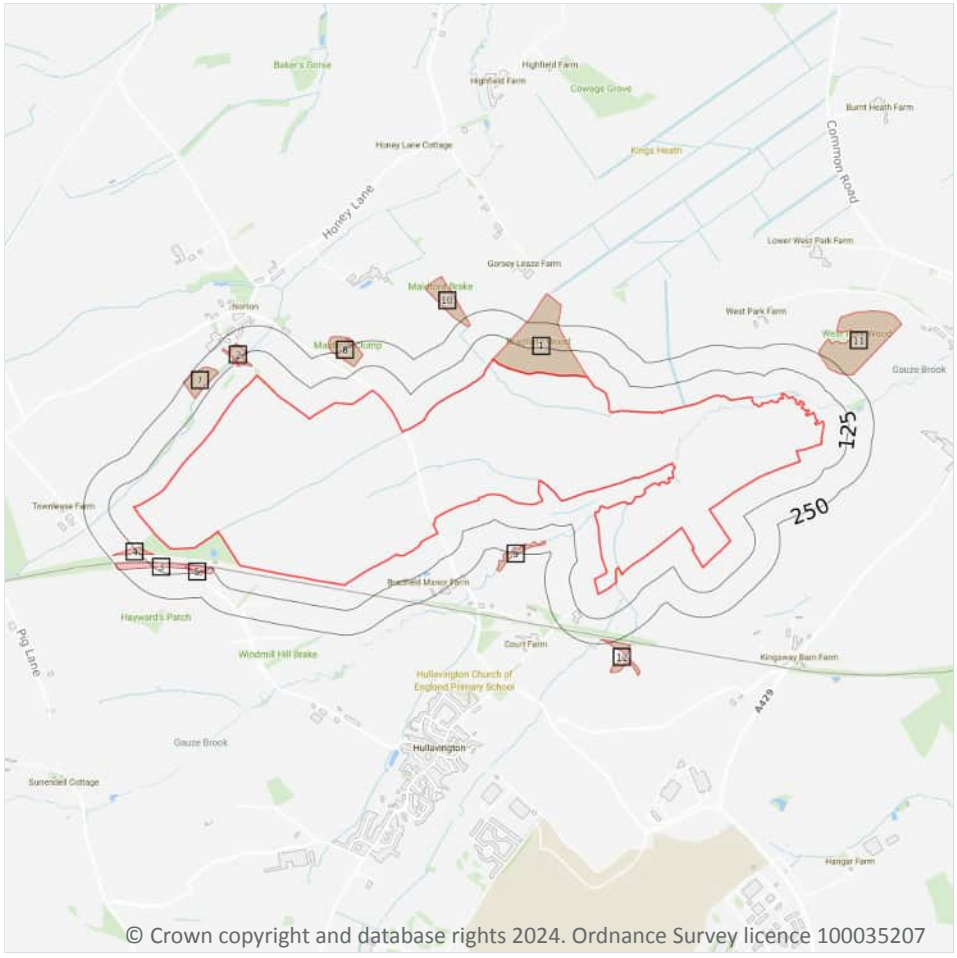
| Records within 250m | 15 |
|---|---|

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** | **1268146** | **Countryside Stewardship (Middle Tier)** | **01/01/2022** | **31/12/2026** |
| **On site** | **1062501** | **Countryside Stewardship (Middle Tier)** | **01/01/2021** | **31/12/2025** |
| **On site** | **1448445** | **Countryside Stewardship (Middle Tier)** | **01/01/2023** | **31/12/2027** |
| **On site** | **1448445** | **Countryside Stewardship (Middle Tier)** | **01/01/2023** | **31/12/2027** |
| **On site** | **1459324** | **Countryside Stewardship (Middle Tier)** | **01/01/2023** | **31/12/2027** |
| **On site** | **1450528** | **Countryside Stewardship (Middle Tier)** | **01/01/2023** | **31/12/2027** |
| **On site** | **1278113** | **Countryside Stewardship (Middle Tier)** | **01/01/2023** | **31/12/2027** |
| **On site** | **1258811** | **Countryside Stewardship (Middle Tier)** | **01/01/2022** | **31/12/2026** |
| **On site** | **1651853** | **Countryside Stewardship (Higher Tier)** | **01/10/2023** | **30/09/2026** |
| 51m SW | 1014169 | Countryside Stewardship (Middle Tier) | 01/01/2021 | 31/12/2025 |
| 146m W | 1014169 | Countryside Stewardship (Middle Tier) | 01/01/2021 | 31/12/2025 |
| 162m SE | 1268146 | Countryside Stewardship (Middle Tier) | 01/01/2022 | 31/12/2026 |
| 219m SE | 1641789 | Countryside Stewardship (Middle Tier) | 01/01/2024 | 31/12/2028 |
| 244m SW | 1014169 | Countryside Stewardship (Middle Tier) | 01/01/2021 | 31/12/2025 |
| 246m W | 1448706 | Countryside Stewardship (Middle Tier) | 01/01/2023 | 31/12/2027 |

*This data is sourced from Natural England.*

# 13 Habitat designations

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## 13.1 Priority Habitat Inventory

| Records within 250m | 12 |
|---|---|

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 94 >**

| ID | Location | Main Habitat | Other habitats |
|---|---|---|---|
| **1** | **On site** | **Deciduous woodland** | **Main habitat: DWOOD (INV > 50%)** |
| 2 | 54m NW | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 3 | 74m W | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 4 | 79m W | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |

| ID | Location | Main Habitat | Other habitats |
|---|---|---|---|
| 5 | 99m W | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 6 | 105m NW | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 7 | 147m W | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 8 | 151m NW | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 9 | 188m SE | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 10 | 208m N | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 11 | 212m E | Deciduous woodland | Main habitat: DWOOD (INV > 50%) |
| 12 | 227m SE | 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

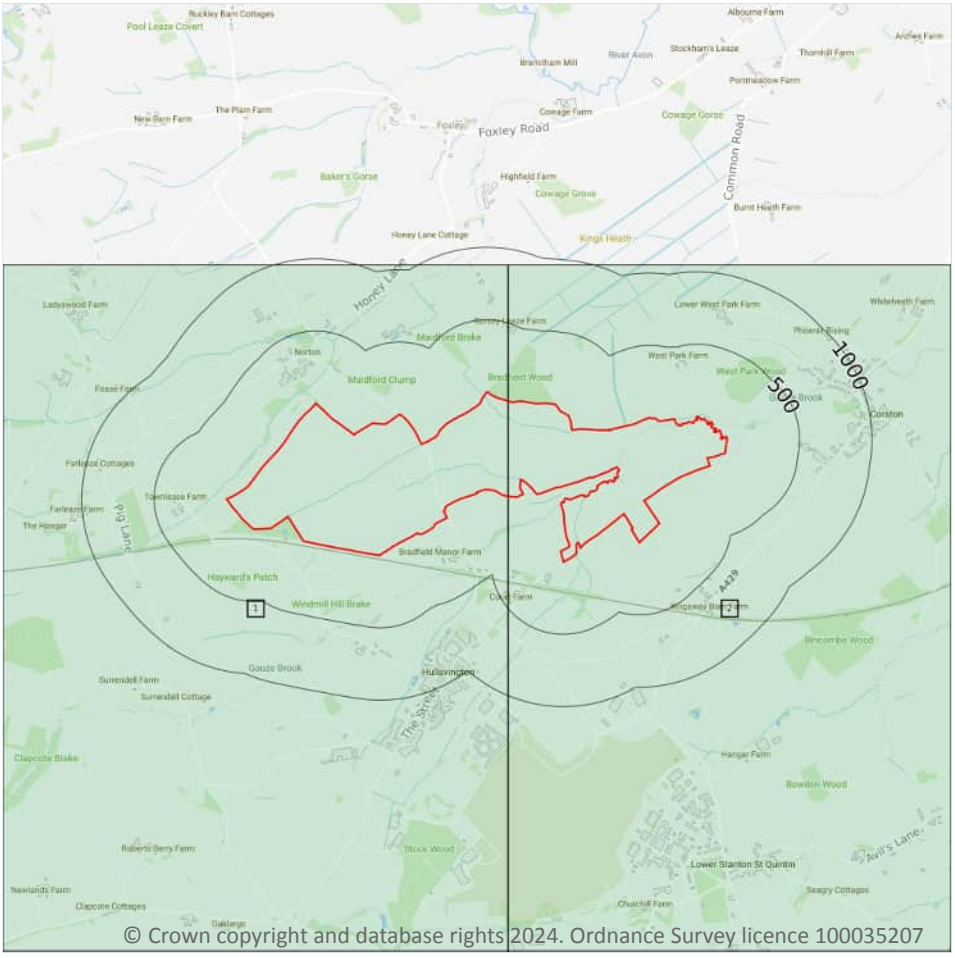
| **Records within 250m** | **0** |
|---|---|

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




Site Outline

Search buffers in metres (m)

Full coverage

Partial coverage

No coverage

## 14.1 10k Availability

| Records within 500m | 2 |
|---|---|

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 97 >**

| ID | Location | Artificial | Superficial | Bedrock | Mass movement | Sheet No. |
|---|---|---|---|---|---|---|
| 1 | On site | No coverage | Full | Full | No coverage | ST88SE |
| 2 | On site | No coverage | Full | Full | No coverage | ST98SW |

*This data is sourced from the British Geological Survey.*

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

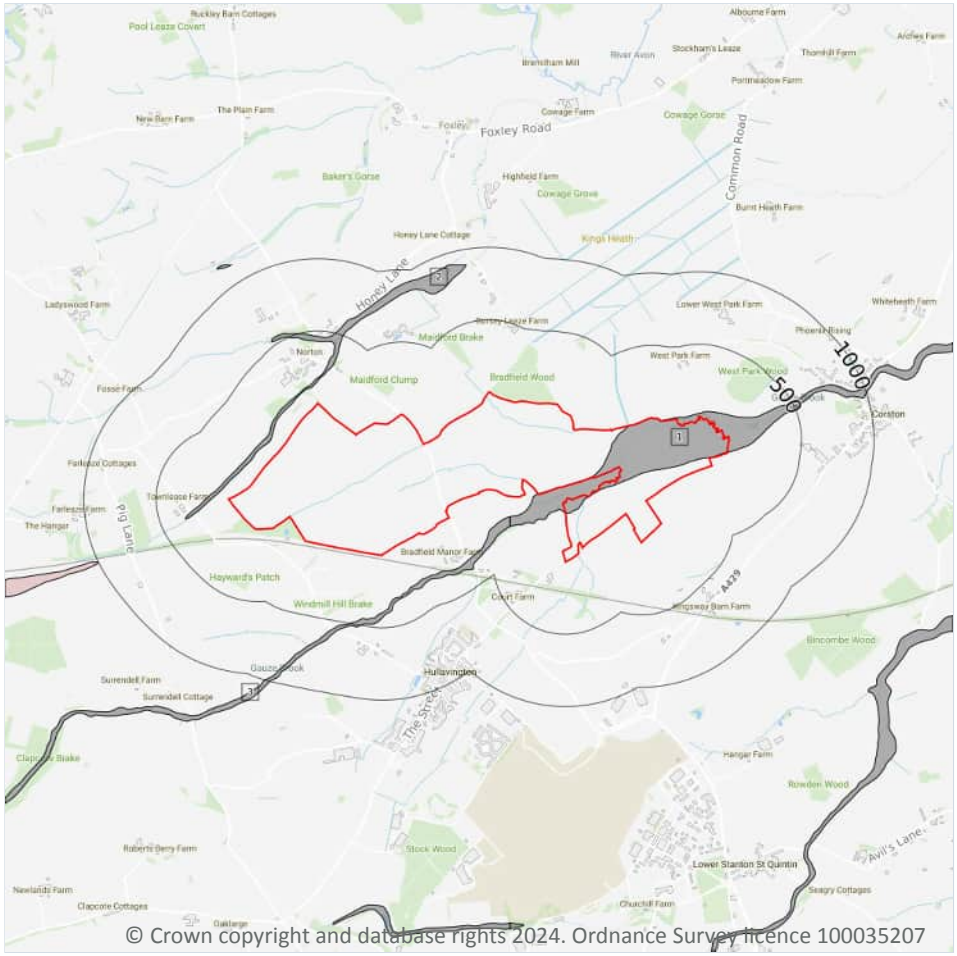
## 14.2 Artificial and made ground (10k)

| Records within 500m | 0 |
|---|---|

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.

*This data is sourced from the British Geological Survey.*

# Geology 1:10,000 scale - Superficial

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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 | 3 |
|---|---|

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 99 >**

| ID | Location | LEX Code | Description | Rock description |
|---|---|---|---|---|
| **1** | **On site** | **ALV-XSWCV** | **Alluvium - Sand With Clay And Gravel** | **Sand With Clay And Gravel [unlithified Deposits Coding Scheme - Extended]** |

| ID | Location | LEX Code | Description | Rock description |
|---|---|---|---|---|
| 2 | 79m W | ALV-XSWCV | Alluvium - Sand With Clay And Gravel | Sand With Clay And Gravel [unlithified Deposits Coding Scheme - Extended] |
| 3 | 141m SE | ALV-XSWCV | Alluvium - Sand With Clay And Gravel | Sand With Clay And Gravel [unlithified Deposits Coding Scheme - Extended] |

*This data is sourced from the British Geological Survey.*

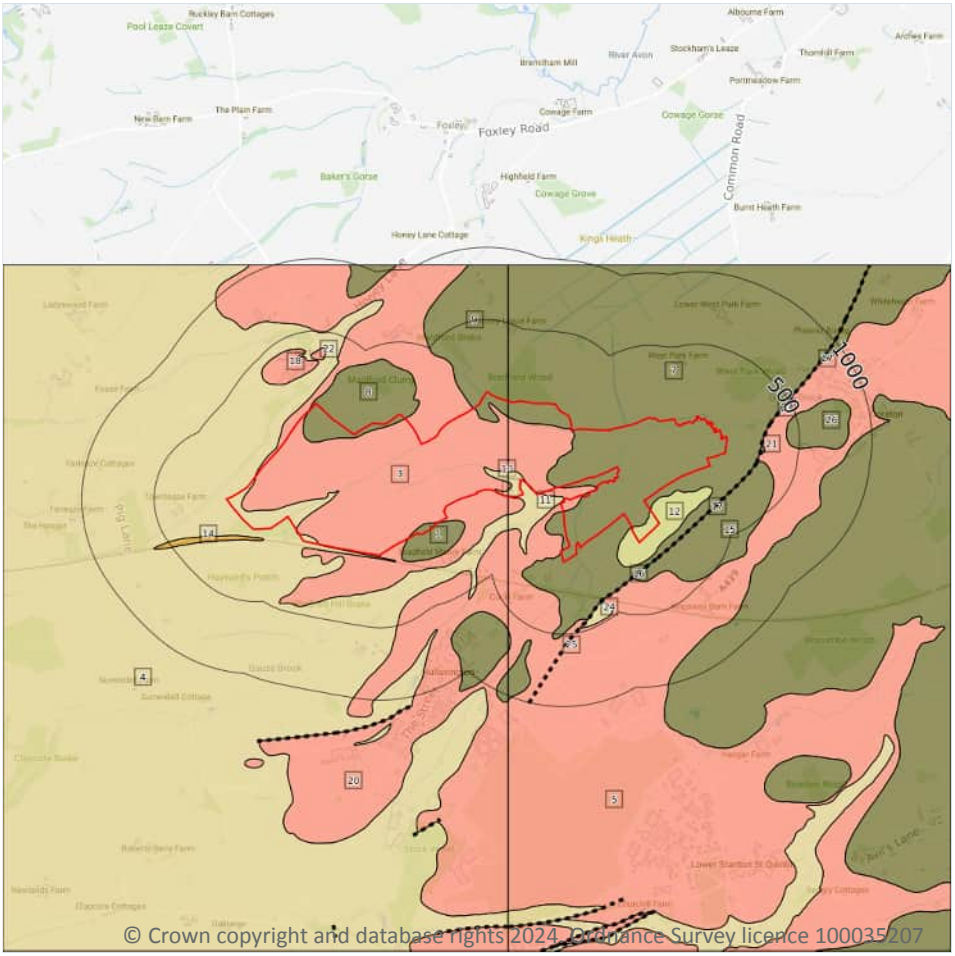
## 14.4 Landslip (10k)

| **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

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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** **21**

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 101 >**

| ID | Location | LEX Code | Description | Rock age |
|---|---|---|---|---|
| 1 | On site | KLC-MDST | Kellaways Clay Member - Mudstone | Callovian Age |
| 2 | On site | FMB-MDST | Forest Marble Formation - Mudstone | Bathonian Age |
| 3 | On site | CB-LMST | Cornbrash Formation - Limestone | Callovian Age - Bathonian Age |
| 4 | On site | FMB-MDST | Forest Marble Formation - Mudstone | Bathonian Age |

| ID | Location | LEX Code | Description | Rock age |
|---|---|---|---|---|
| **5** | **On site** | **CB-LMST** | **Cornbrash Formation - Limestone** | **Callovian Age - Bathonian Age** |
| **6** | **On site** | **CB-LMST** | **Cornbrash Formation - Limestone** | **Callovian Age - Bathonian Age** |
| **7** | **On site** | **KLC-MDST** | **Kellaways Clay Member - Mudstone** | **Callovian Age** |
| **8** | **On site** | **KLC-MDST** | **Kellaways Clay Member - Mudstone** | **Callovian Age** |
| **9** | **On site** | **KLC-MDST** | **Kellaways Clay Member - Mudstone** | **Callovian Age** |
| **10** | **On site** | **FMB-MDST** | **Forest Marble Formation - Mudstone** | **Bathonian Age** |
| **11** | **On site** | **FMB-MDST** | **Forest Marble Formation - Mudstone** | **Bathonian Age** |
| **12** | **On site** | **KLS-SDST** | **Kellaways Sand Member - Sandstone** | **Callovian Age** |
| 13 | 3m SE | CB-LMST | Cornbrash Formation - Limestone | Callovian Age - Bathonian Age |
| 14 | 57m W | FMB-LMST | Forest Marble Formation - Limestone | Bathonian Age |
| 15 | 161m SE | KLC-MDST | Kellaways Clay Member - Mudstone | Callovian Age |
| 18 | 211m NW | CB-LMST | Cornbrash Formation - Limestone | Callovian Age - Bathonian Age |
| 20 | 233m SE | CB-LMST | Cornbrash Formation - Limestone | Callovian Age - Bathonian Age |
| 21 | 238m E | FMB-MDST | Forest Marble Formation - Mudstone | Bathonian Age |
| 22 | 301m NW | CB-LMST | Cornbrash Formation - Limestone | Callovian Age - Bathonian Age |
| 24 | 364m SE | FMB-MDST | Forest Marble Formation - Mudstone | Bathonian Age |
| 26 | 411m E | KLC-MDST | Kellaways Clay Member - Mudstone | Callovian Age |

*This data is sourced from the British Geological Survey.*

## 14.6 Bedrock faults and other linear features (10k)

**Records within 500m** **6**

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.

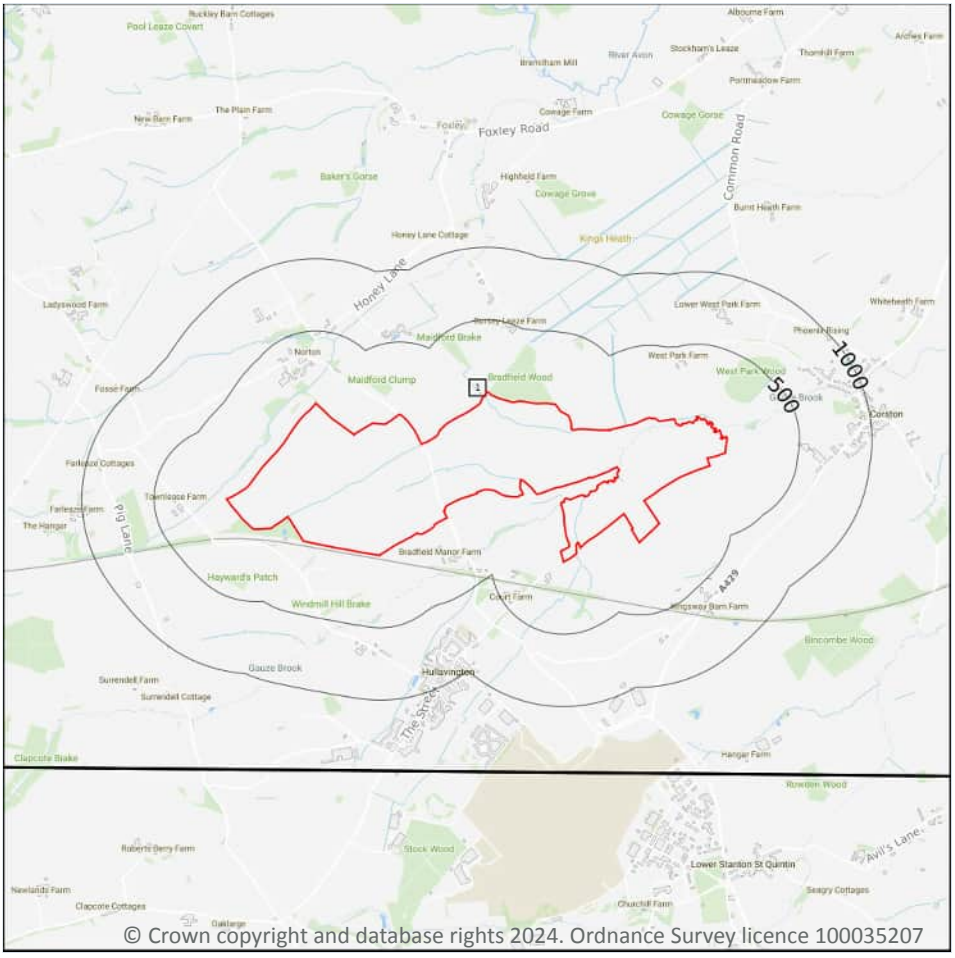
Features are displayed on the Geology 1:10,000 scale - Bedrock map on **page 101 >**

| ID | Location | Category | Description |
|---|---|---|---|
| 16 | 161m SE | FAULT | Normal fault, observed |
| 17 | 162m SE | FAULT | Normal fault, inferred |
| 19 | 228m E | FAULT | Normal fault, observed |

| ID | Location | Category | Description |
|---|---|---|---|
| 23 | 318m E | FAULT | Normal fault, inferred |
| 25 | 364m SE | FAULT | Normal fault, inferred |
| 27 | 459m E | FAULT | Normal fault, observed |

*This data is sourced from the British Geological Survey.*

# 15 Geology 1:50,000 scale - Availability

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Site Outline

Search buffers in metres (m)

Geological map tile

## 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 104 >**

| ID | Location | Artificial | Superficial | Bedrock | Mass movement | Sheet No. |
|---|---|---|---|---|---|---|
| 1 | On site | No coverage | Full | Full | Full | EW251_malmesbury_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 | 0 |
|---|---|

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.

*This data is sourced from the British Geological Survey.*

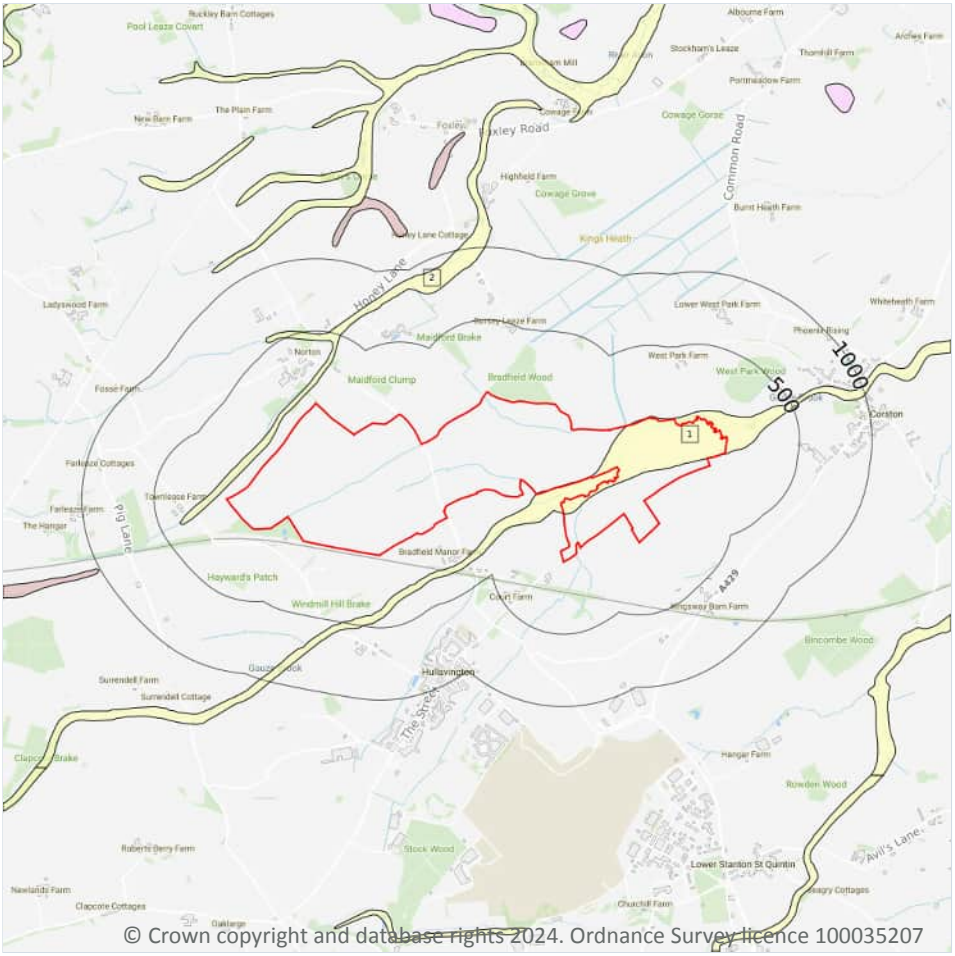
## 15.3 Artificial ground permeability (50k)

| 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

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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 | 2 |
|---|---|

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 106 >**

| ID | Location | LEX Code | Description | Rock description |
|---|---|---|---|---|
| **1** | **On site** | **ALV-XCZSV** | **ALLUVIUM** | **CLAY, SILT, SAND AND GRAVEL** |
| 2 | 58m W | ALV-XCZSV | ALLUVIUM | CLAY, SILT, SAND AND GRAVEL |

*This data is sourced from the British Geological Survey.*

## 15.5 Superficial permeability (50k)

| Records within 50m | 1 |
|---|---|

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** |

*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.*

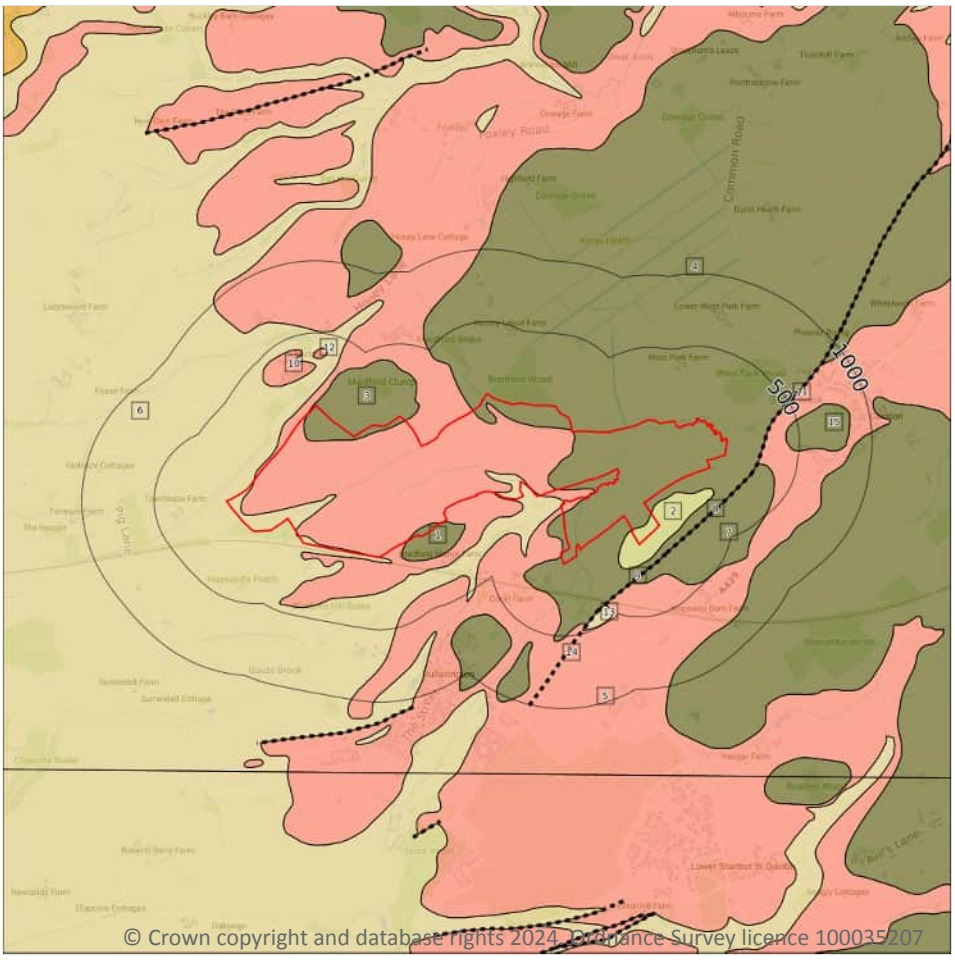
## 15.7 Landslip permeability (50k)

| 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** **11**

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 108 >**

| ID | Location | LEX Code | Description | Rock age |
|---|---|---|---|---|
| 1 | On site | KLC-MDST | KELLAWAYS CLAY MEMBER - MUDSTONE | CALLOVIAN |
| 2 | On site | KLS-SDSL | KELLAWAYS SAND MEMBER - SANDSTONE AND SILTSTONE, INTERBEDDED | CALLOVIAN |
| 3 | On site | KLC-MDST | KELLAWAYS CLAY MEMBER - MUDSTONE | CALLOVIAN |

| ID | Location | LEX Code | Description | Rock age |
|---|---|---|---|---|
| **4** | **On site** | **KLC-MDST** | **KELLAWAYS CLAY MEMBER - MUDSTONE** | **CALLOVIAN** |
| **5** | **On site** | **CB-LMST** | **CORNBRASH FORMATION - LIMESTONE** | **BATHONIAN** |
| **6** | **On site** | **FMB-MDST** | **FOREST MARBLE FORMATION - MUDSTONE** | **BATHONIAN** |
| 7 | 170m E | KLC-MDST | KELLAWAYS CLAY MEMBER - MUDSTONE | CALLOVIAN |
| 10 | 215m NW | CB-LMST | CORNBRASH FORMATION - LIMESTONE | BATHONIAN |
| 12 | 325m NW | CB-LMST | CORNBRASH FORMATION - LIMESTONE | BATHONIAN |
| 13 | 390m SE | FMB-MDST | FOREST MARBLE FORMATION - MUDSTONE | BATHONIAN |
| 15 | 407m E | KLC-MDST | KELLAWAYS CLAY MEMBER - MUDSTONE | CALLOVIAN |

*This data is sourced from the British Geological Survey.*

## 15.9 Bedrock permeability (50k)

**Records within 50m** **13**

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** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Mixed** | **Moderate** | **Moderate** |
| **On site** | **Fracture** | **Very High** | **High** |
| **On site** | **Fracture** | **Very High** | **High** |
| **On site** | **Fracture** | **Very High** | **High** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| **On site** | **Fracture** | **Low** | **Very Low** |
| 8m SE | Fracture | Very High | High |

*This data is sourced from the British Geological Survey.*

## 15.10 Bedrock faults and other linear features (50k)

| **Records within 500m** | **4** |
|---|---|

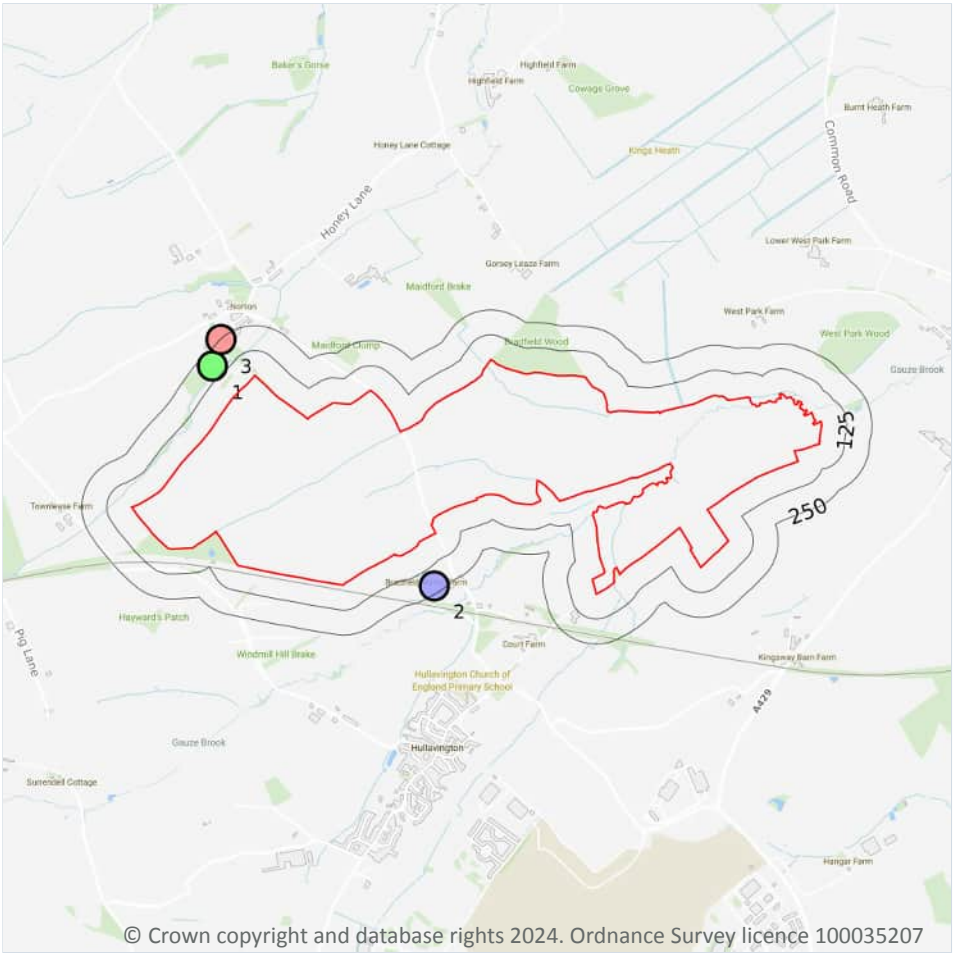
Linear features at the ground or bedrock surface at 1:50,000 scale of six main types; rock, fault, fold axis, mineral vein, alteration area or landform. Features are either observed or inferred, and relate primarily to bedrock.

Features are displayed on the Geology 1:50,000 scale - Bedrock map on **page 108 >**

| ID | Location | Category | Description |
|---|---|---|---|
| 8 | 170m E | FAULT | Fault, inferred |
| 9 | 170m E | FAULT | Fault, observed |
| 11 | 222m E | FAULT | Fault, observed |
| 14 | 399m SE | FAULT | Fault, inferred |

*This data is sourced from the British Geological Survey.*

# 16 Boreholes




## 16.1 BGS Boreholes

| Records within 250m | 3 |
|---|---|

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.

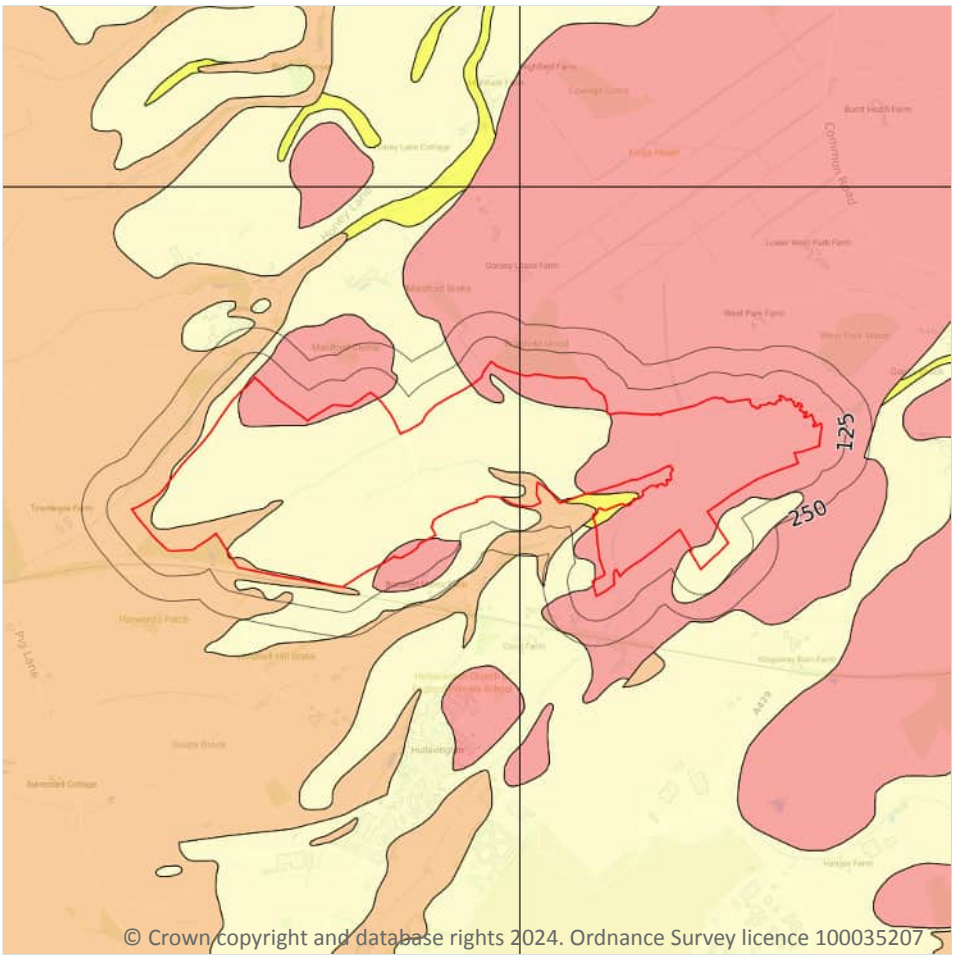
Features are displayed on the Boreholes map on **page 111 >**

| ID | Location | Grid reference | Name | Length | Confidential | Web link |
|---|---|---|---|---|---|---|
| 1 | 182m NW | 388460 184090 | MANOR FARM NORTON | 19.43 | N | 396463 ↗ |
| 2 | 212m S | 389570 182990 | BRADFIELD FARM HULLAVINGTON | 8.15 | N | 396466 ↗ |

| ID | Location | Grid reference | Name | Length | Confidential | Web link |
|---|---|---|---|---|---|---|
| 3 | 246m NW | 388502 184223 | MANOR FARM NORTON | 54.0 | N | 20785768 ↗ |

*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 | 5 |
|---|---|

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).

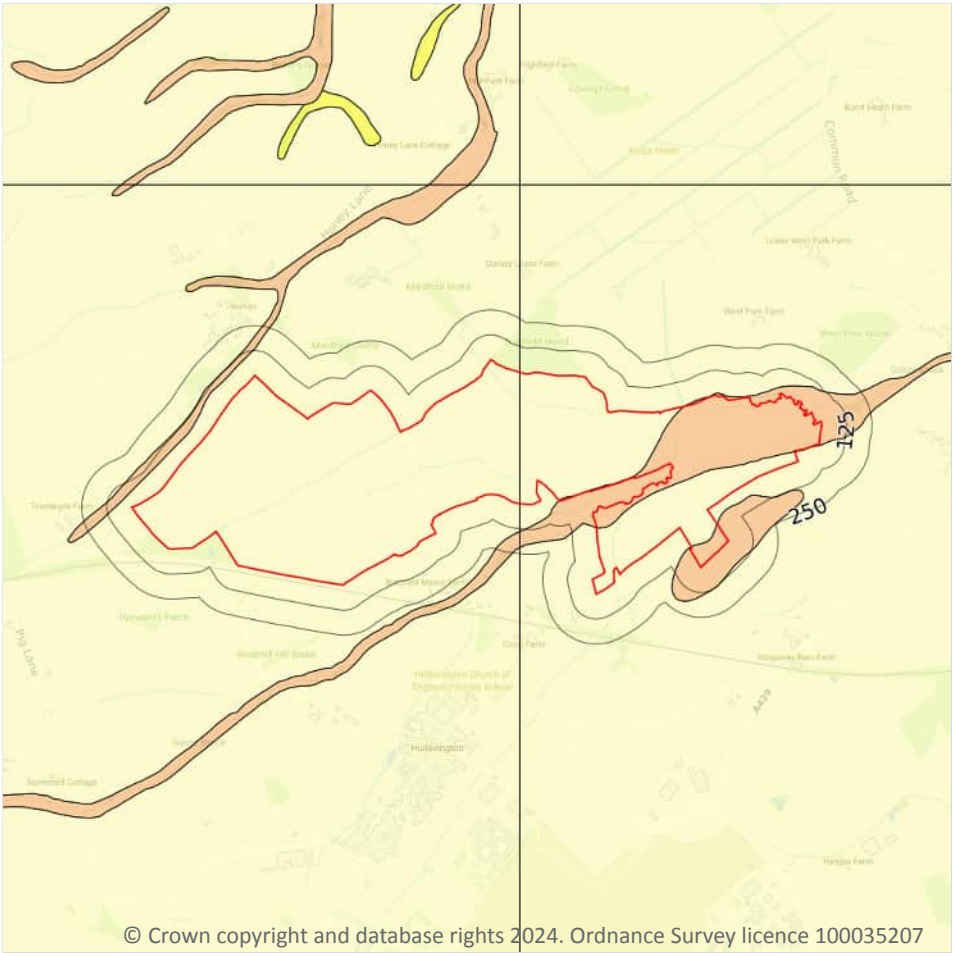
Features are displayed on the Natural ground subsidence - Shrink swell clays map on **page 113 >**

| 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 |
|---|---|---|
| **On site** | **Moderate** | **Ground conditions predominantly high plasticity.** |
| 8m SE | Negligible | Ground conditions predominantly non-plastic. |

*This data is sourced from the British Geological Survey.*

# Natural ground subsidence - Running sands

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Site Outline

Search buffers in metres (m)

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

## 17.2 Running sands

| Records within 50m | 2 |
|---|---|

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.

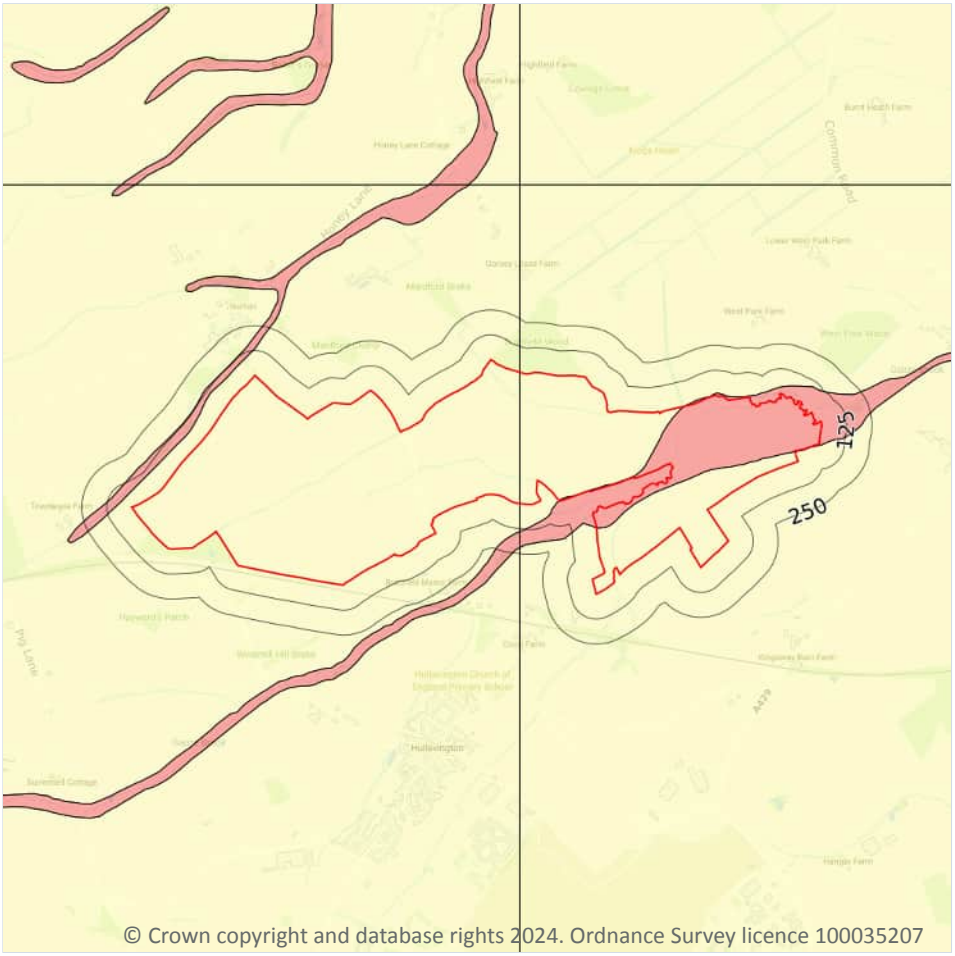
Features are displayed on the Natural ground subsidence - Running sands map on **page 115 >**

| 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** | **Low** | **Running sand conditions may be present. Constraints may apply to land uses involving excavation or the addition or removal of water.** |

*This data is sourced from the British Geological Survey.*

# Natural ground subsidence - Compressible deposits

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Site Outline

Search buffers in metres (m)

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

## 17.3 Compressible deposits

| Records within 50m | 2 |
|---|---|

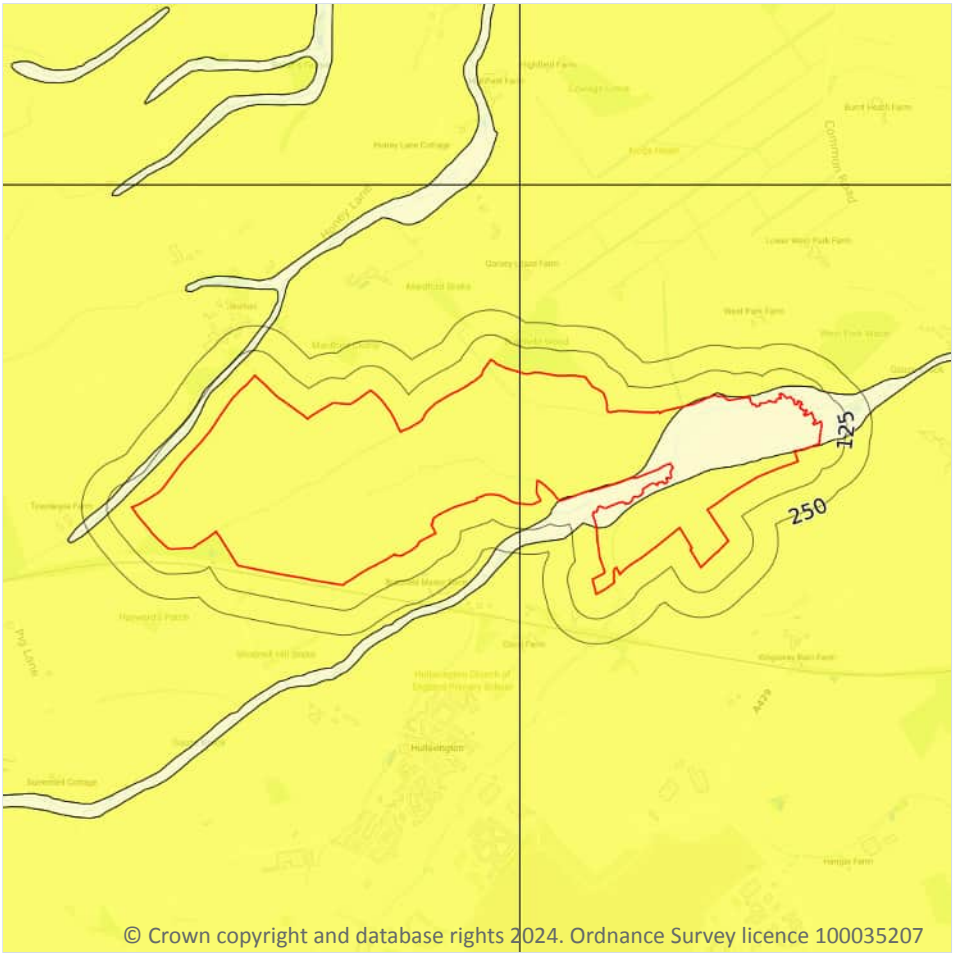
The potential hazard presented by types of ground that may contain layers of very soft materials like clay or peat and may compress if loaded by overlying structures, or if the groundwater level changes, potentially resulting in depression of the ground and disturbance of foundations.

Features are displayed on the Natural ground subsidence - Compressible deposits map on **page 117 >**

| 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.** |

*This data is sourced from the British Geological Survey.*

# Natural ground subsidence - Collapsible deposits

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Site Outline

Search buffers in metres (m)

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

## 17.4 Collapsible deposits

| Records within 50m | 2 |
|---|---|

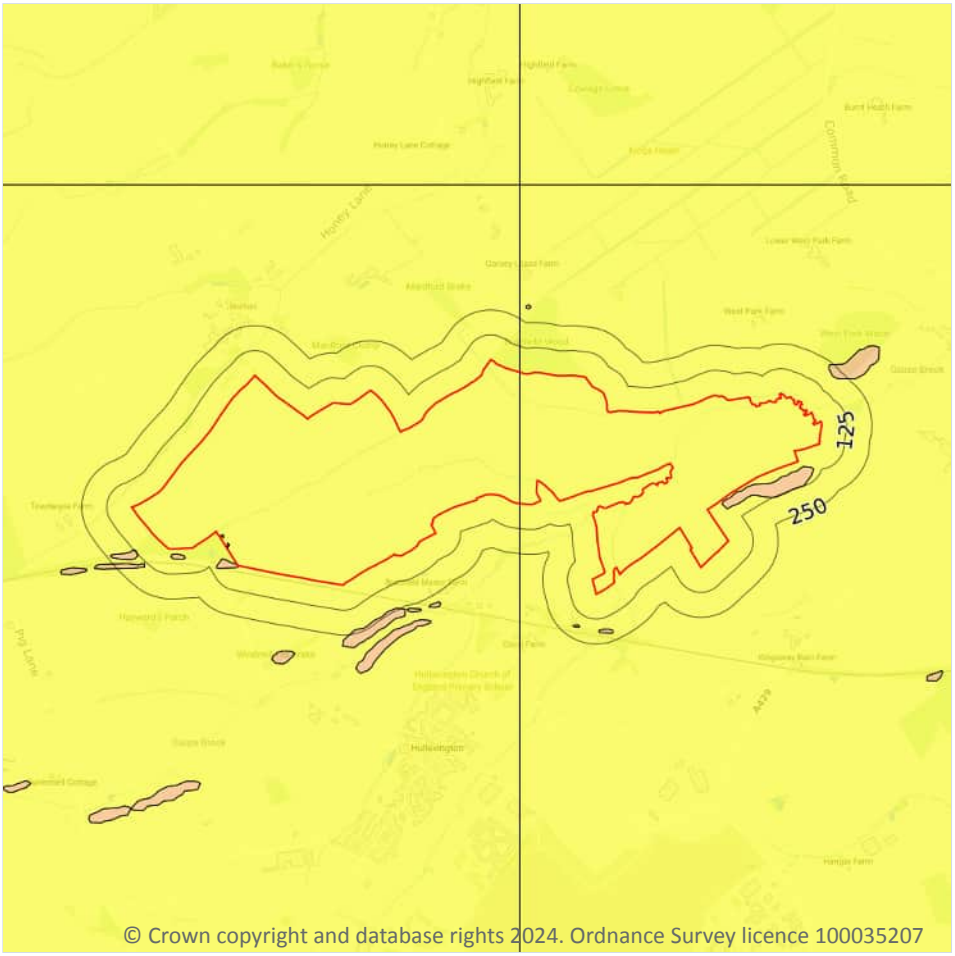
The potential hazard presented by natural deposits that could collapse when a load (such as a building) is placed on them or they become saturated with water.

Features are displayed on the Natural ground subsidence - Collapsible deposits map on **page 119 >**

| 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

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Site Outline

Search buffers in metres (m)

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

## 17.5 Landslides

| Records within 50m | 4 |
|---|---|

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.

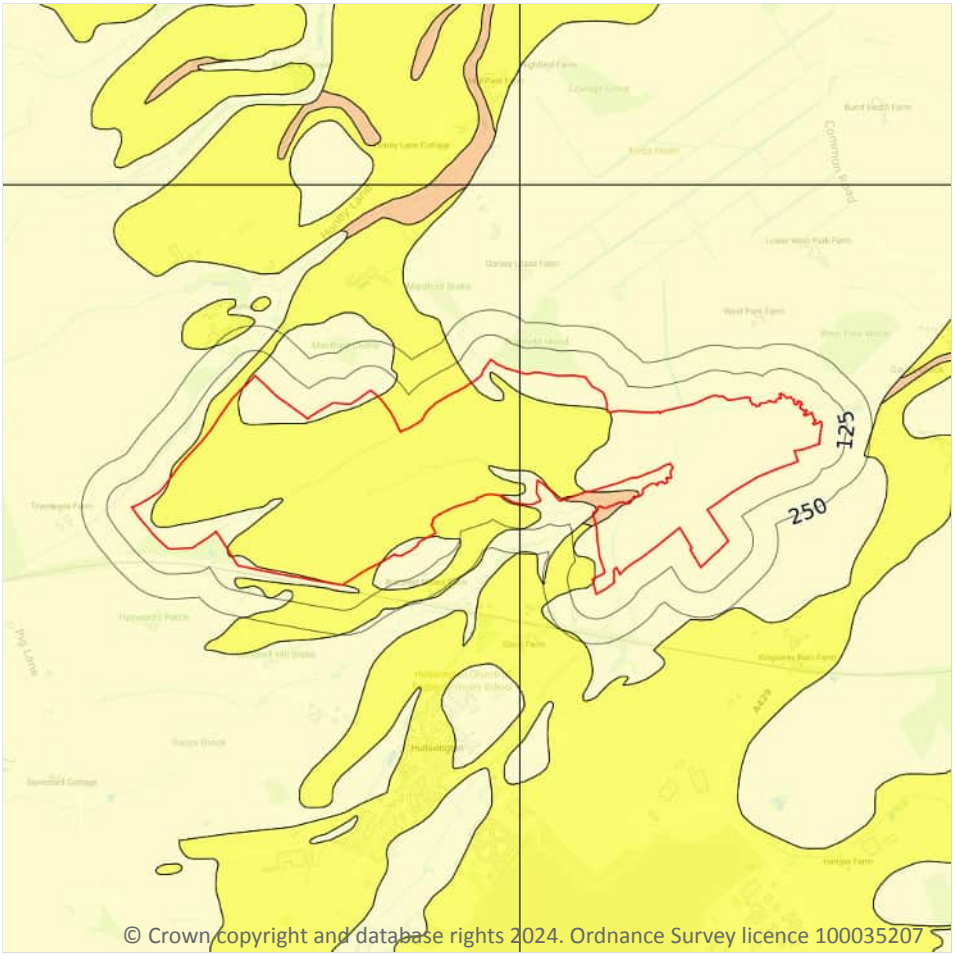
Features are displayed on the Natural ground subsidence - Landslides map on **page 120 >**

| 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.** |
| 10m E | Low | Slope instability problems may be present or anticipated. Site investigation should consider specifically the slope stability of the site. |
| 26m W | 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 | 4 |
|---|---|

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.

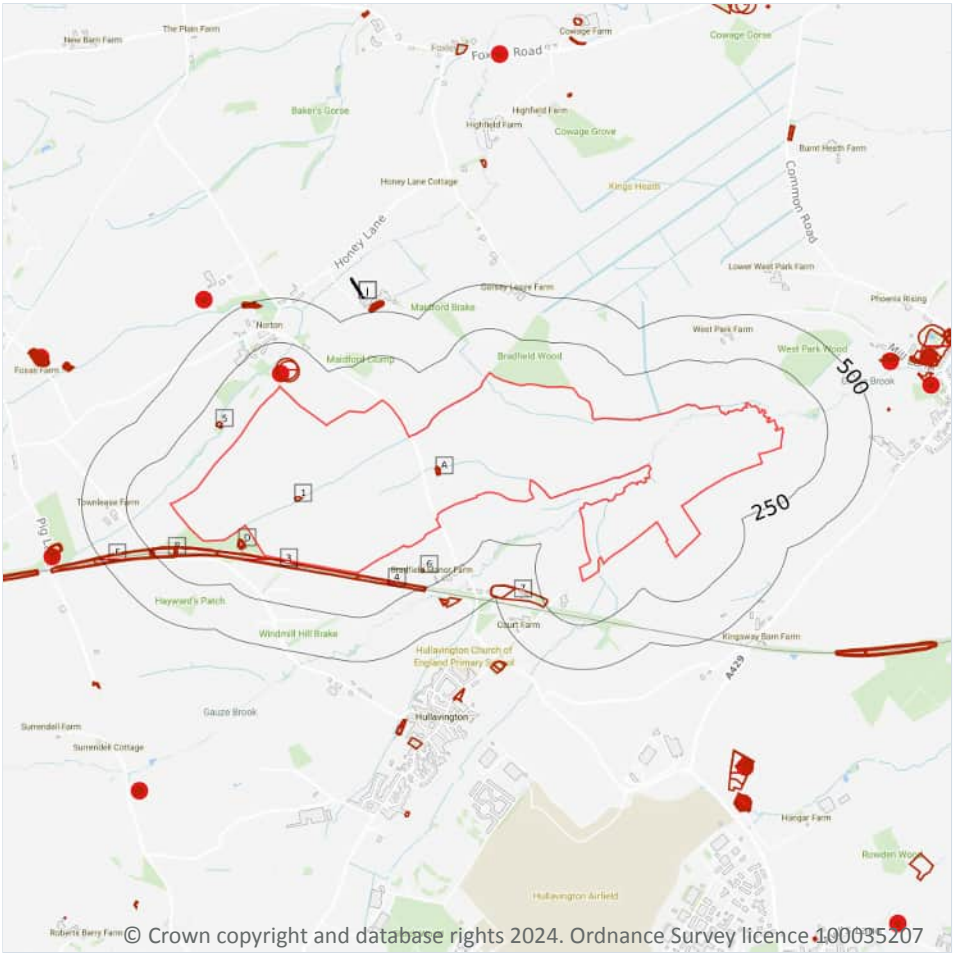
Features are displayed on the Natural ground subsidence - Ground dissolution of soluble rocks map on **page 122 >**

| 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.** |

| Location | Hazard rating | Details |
|---|---|---|
| **On site** | **Very low** | **Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered.** |
| **On site** | **Low** | **Soluble rocks are present within the ground. Some dissolution features may be present. Potential for difficult ground conditions are at a level where they may be considered, localised subsidence need not be considered except in exceptional circumstances.** |
| 8m SE | Very low | Soluble rocks are present within the ground. Few dissolution features are likely to be present. Potential for difficult ground conditions or localised subsidence are at a level where they need not be considered. |

*This data is sourced from the British Geological Survey.*

# 18 Mining and ground workings

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Site Outline

Search buffers in metres (m)

- BritPits
- Surface ground workings
- Underground workings
- Underground mining extents
- Historical mineral planning areas
- TCA non-coal mining

Non Coal Mining

- Sporadic underground mining of restricted extent possible
- Localised small scale underground mining possible
- Small scale mining possible
- Underground mining known or likely within or in close proximity
- Underground mining known within or in very close proximity

## 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 124 >**

| ID | Location | Details | Description |
|---|---|---|---|
| C | 77m NW | Name: Norton Gravel Pit<br>Address: Malmesbury Common, MALMESBURY, Wiltshire<br>Commodity: Sand & Gravel<br>Status: Ceased | Type: A surface mineral working. It may be termed Quarry, Sand Pit, Clay Pit or Opencast Coal Site<br>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** **23**

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 124 >**

| ID | Location | Land Use | Year of mapping | Mapping scale |
|---|---|---|---|---|
| **1** | **On site** | **Pond** | **1982** | **1:10000** |
| **A** | **On site** | **Pond** | **1982** | **1:10000** |
| **A** | **On site** | **Pond** | **1949** | **1:10560** |
| **A** | **On site** | **Pond** | **1925** | **1:10560** |
| **A** | **On site** | **Pond** | **1899** | **1:10560** |
| B | 7m SW | Cuttings | 1982 | 1:10000 |
| 2 | 8m SW | Cuttings | 1949 | 1:10560 |
| 3 | 11m SW | Cuttings | 1925 | 1:10560 |
| 4 | 16m SW | Cuttings | 1925 | 1:10560 |
| C | 43m NW | Gravel Pit | 1925 | 1:10560 |
| D | 44m W | Pond | 1982 | 1:10000 |
| D | 44m W | Pond | 1949 | 1:10560 |
| C | 48m NW | Gravel Pit | 1949 | 1:10560 |
| D | 49m W | Pond | 1925 | 1:10560 |
| D | 49m W | Pond | 1899 | 1:10560 |
| B | 51m W | Cuttings | 1925 | 1:10560 |

| ID | Location | Land Use | Year of mapping | Mapping scale |
|---|---|---|---|---|
| D | 56m W | Pond | 1885 | 1:10560 |
| 5 | 111m W | Pond | 1982 | 1:10000 |
| E | 136m W | Cuttings | 1923 | 1:10560 |
| E | 143m W | Cuttings | 1923 | 1:10560 |
| 6 | 149m S | Saw Pit | 1899 | 1:10560 |
| 7 | 228m SE | Unspecified Heap | 1925 | 1:10560 |
| F | 248m W | Cuttings | 1923 | 1:10560 |

*This is data is sourced from Ordnance Survey/Groundsure.*

## 18.3 Underground workings

| **Records within 1000m** | **9** |
|---|---|

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

Features are displayed on the Mining and ground workings map on **page 124 >**

| ID | Location | Land Use | Year of mapping | Mapping scale |
|---|---|---|---|---|
| J | 587m NW | Air Shafts | 1949 | 1:10560 |
| J | 605m NW | Air Shafts | 1925 | 1:10560 |
| J | 605m NW | Air Shafts | 1899 | 1:10560 |
| J | 610m NW | Air Shafts | 1949 | 1:10560 |
| J | 628m NW | Air Shafts | 1949 | 1:10560 |
| J | 646m NW | Air Shafts | 1949 | 1:10560 |
| J | 664m NW | Air Shafts | 1949 | 1:10560 |
| J | 683m NW | Air Shafts | 1949 | 1:10560 |
| J | 704m NW | Air Shafts | 1949 | 1:10560 |

*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 |
|---|---|

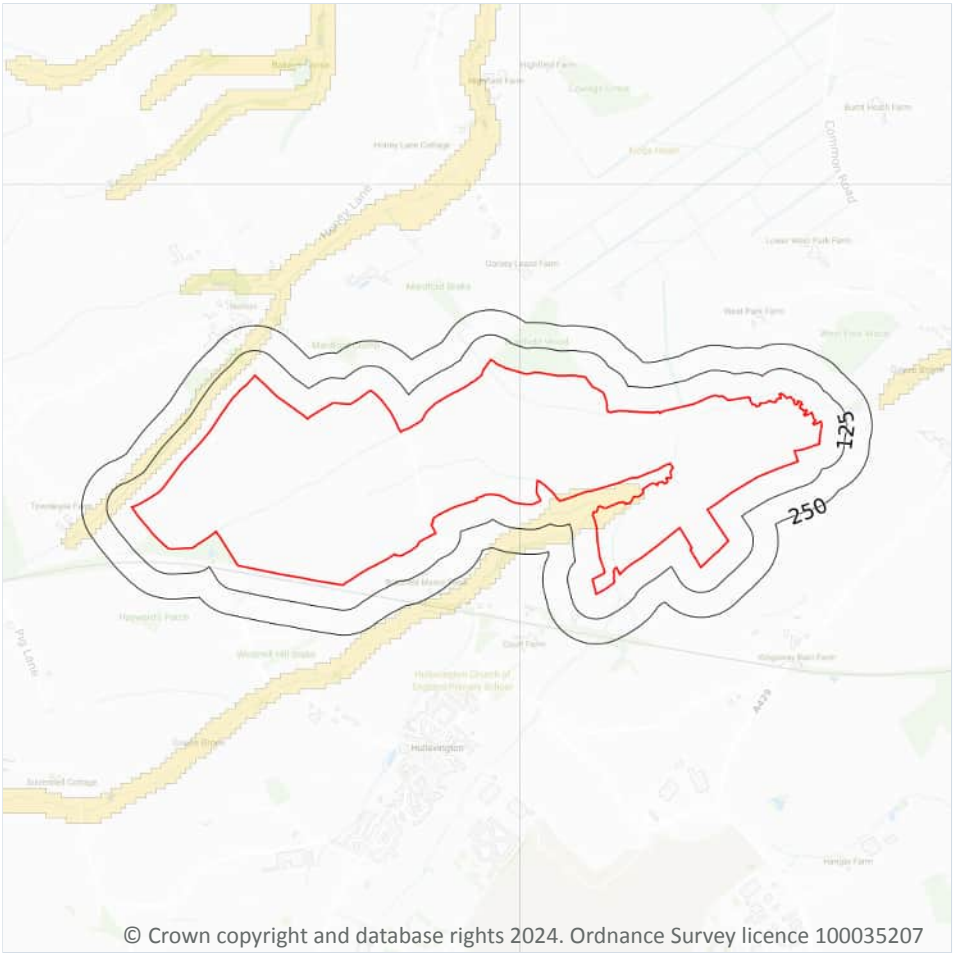
This is a comprehensive database of national karst information gathered from a wide range of sources. BGS have collected data on five main types of karst feature: Sinkholes, stream links, caves, springs, and incidences of associated damage to buildings, roads, bridges and other engineered works.

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

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Site Outline

Search buffers in metres (m)

- Greater than 30%
- Between 10% and 30%
- Between 5% and 10%
- Between 3% and 5%
- Between 1% and 3%
- Less than 1%

## 20.1 Radon

| Records on site | 2 |
|---|---|

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 132 >**

| Location | Estimated properties affected | Radon Protection Measures required |
|---|---|---|
| **On site** | **Between 1% and 3%** | **None** |

| 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 | 81 |
|---|---|

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 | 15 - 30 mg/kg |
| On site | 15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |
| On site | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |
| On site | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |
| On site | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |
| On site | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |

| 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 | 15 - 30 mg/kg |
| On site | 15 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 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 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 mg/kg | 30 - 45 mg/kg |
| On site | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 90 - 120 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 | 15 - 30 mg/kg |
| On site | 15 - 25 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 - 25 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 - 25 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 | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| On site | 25 - 35 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 | 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** | **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** | **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** |
| 4m SE | 15 - 25 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 |
|---|---|---|---|---|---|---|---|
| 4m 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 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 W | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 6m W | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 8m SE | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 11m SW | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 11m SW | 25 - 35 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 27m SE | 15 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 29m SW | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 29m SW | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 32m NW | 15 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 32m NW | 15 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 42m SW | 15 - 25 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 47m E | 15 mg/kg | No data | 100 mg/kg | 60 mg/kg | 1.8 mg/kg | 60 - 90 mg/kg | 15 - 30 mg/kg |
| 47m E | 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.*

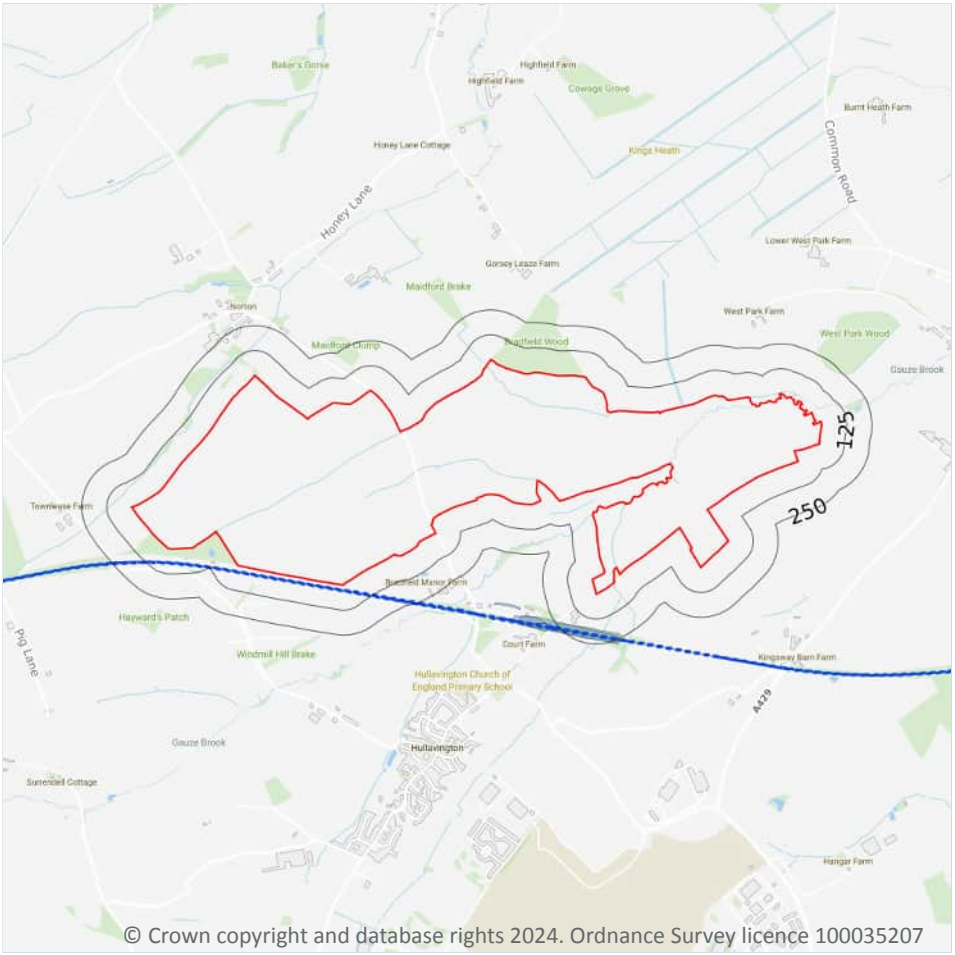
## 21.3 BGS Measured Urban Soil Chemistry

| 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 1 Stations
- Crossrail 1 Route
- 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 | 4 |
|---|---|

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.

Features are displayed on the Railway infrastructure and projects map on **page 140 >**

| Location | Land Use | Year of mapping | Mapping scale |
|---|---|---|---|
| 172m SE | Railway Sidings | 1925 | 10560 |
| 181m SE | Railway Sidings | 1956 | 10560 |
| 198m SE | Railway Sidings | 1924 | 2500 |
| 207m SE | Railway Sidings | 1924 | 2500 |

*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 | 13 |
|---|---|

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

Features are displayed on the Railway infrastructure and projects map on **page 140 >**

| Location | Name | Type |
|---|---|---|
| 23m SW | South Wales Main Line | rail |
| 24m SW | Not given | Multi Track |
| 27m SW | South Wales Main Line | rail |
| 31m SW | | rail |
| 71m W | Not given | Multi Track |
| 176m SW | Not given | Multi Track |
| 184m SW | | rail |
| 202m SE | South Wales Main Line | rail |
| 205m SE | Not given | Multi Track |
| 205m SE | South Wales Main Line | rail |
| 209m SE | | rail |
| 233m S | Not given | Multi Track |
| 246m S | | rail |

*This data is sourced from Ordnance Survey and OpenStreetMap.*

## 22.8 Crossrail 1

| Records within 500m | 0 |
|---|---|

The Crossrail railway project links 41 stations over 100 kilometres from Reading and Heathrow in the west, through underground sections in central London, to Shenfield and Abbey Wood in the east.

*This data is sourced from publicly available information by Groundsure.*

## 22.9 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.*

## 22.10 HS2

| Records within 500m | 0 |
|---|---|

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.

*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://www.groundsure.com/sources-reference ↗.

## Terms and conditions

Groundsure's Terms and Conditions can be accessed at this link: www.groundsure.com/terms-and-conditions-april-2023/ ↗.

# Annex 19-4-3 Lime Down D Photolog

# GEOSYNTEC CONSULTANTS
## Photographic Record

| | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 1**<br>**Date:** 07/05/25<br>**Direction:** Northeast<br>**Comments:** Field D2 is a typical crop field in Zone D. Fields D3, D4, D7, D8, D11, D13, D14, D15, D19, D22 and D24 look similar to this field. | |
| **Photograph 2**<br>**Date:** 07/05/25<br>**Direction:** Northwest<br>**Comments:** Field D5 is a typical planted grass field in Zone D. Note the wild mustard present. Fields D1, D6, D9, D10, D12, D16, D17, D18, D21, and D23 look similar to this field, excluding the wild mustard. | |

## GEOSYNTEC CONSULTANTS
## Photographic Record

| | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

**Photograph 3**

**Date:** 07/05/25

**Direction:** South

**Comments:** D1 patches of disturbed land that contain oolitic limestone gravel. Disturbed ground looks similar in fields D6, D7, D12, D13, D14, and D20.

**Photograph 4**

**Date:** 07/05/25

**Direction:** North

**Comments:** D1 contains metal barrel on stilts covered with asbestos sheeting. D8, D9 and D11 also includes similar barrels with asbestos sheets.

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 5**<br>**Date:** 07/05/25<br>**Direction:** North<br>**Comments:** Dry ditch in northern boundary of D1, shared with D22. | |
| **Photograph 6**<br>**Date:** 07/05/25<br>**Direction:** Southwest<br>**Comments:** Overhead powerline in D1 running east to west along the eastern boundary shared with D2. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 7**<br>**Date:** 07/05/25<br>**Direction:** West<br>**Comments:** D3 contains a flood light attached to scaffolding pole towards southeast of the field. | |
| **Photograph 8**<br>**Date:** 07/05/25<br>**Direction:** West<br>**Comments:** A pile of festival equipment including gazebo frames, scaffold poles, pallets, empty IBC, rope, tent poles and pegs, and a bin containing burger boxes is present in the western boundary of D3. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 9**<br>**Date:** 07/05/25<br>**Direction:** South<br>**Comments:** Southwestern corner of D5 contains crushed concrete stockpile. | |
| **Photograph 10**<br>**Date:** 07/05/25<br>**Direction:** North<br>**Comments:** Vegetated stockpiles of crush, piece of farming equipment and rusted pipes are observed in the southwestern corner of D5. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 11**<br>**Date:** 07/05/25<br>**Direction:** West<br>**Comments:** D8 contains asbestos sheets and wood structures along the western boundary. | |
| **Photograph 12**<br>**Date:** 07/05/25<br>**Direction:** South<br>**Comments:** A trough with plumbing in the southeast corner of D8. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 13**<br>**Date:** 07/05/25<br>**Direction:** South<br>**Comments:** Larger pond between D9 and D10. | |
| **Photograph 14**<br>**Date:** 07/05/25<br>**Direction:** South<br>**Comments:** A public footbridge between D9 and D10, with a sign. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 15**<br>**Date:** 07/05/25<br>**Direction:** East<br>**Comments:** View across the exclusion zone in the east of D12. | |
| **Photograph 16**<br>**Date:** 07/05/25<br>**Direction:**<br>**Comments:** Gauze Brook at south boundary of field D12. | |

| GEOSYNTEC CONSULTANTS<br>Photographic Record | |
|---|---|
| **Client:** Island Green Power | **Project Number:** GCU0357002 |
| **Site Name:** Lime Down Zone D | **Site Location:** Wiltshire |

| | |
|---|---|
| **Photograph 17**<br>**Date:** 07/05/25<br>**Direction:**<br>**Comments:** Water tap is observed in the southwestern corner of D17. | |
| **Photograph 18**<br>**Date:** 07/05/25<br>**Direction:** Northeast<br>**Comments:** Pipe work in gateway in D18. | |